

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
 Data File : BF116480.D
 Acq On : 23 Aug 2019 16:36
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 24 03:31:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	119088	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	497859	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	258789	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	451594	20.00	ng	0.00
76) Chrysene-d12	14.03	240	328509	20.00	ng	0.00
87) Perylene-d12	15.50	264	302281	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	609419	74.77	ng	0.00
7) Phenol-d6	6.50	99	783324	78.38	ng	0.00
23) Nitrobenzene-d5	7.45	82	718178	78.92	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	187997	84.60	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1255089	78.10	ng	0.00
79) Terphenyl-d14	12.98	244	1367188	77.74	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.67	88	133979	37.967	ng	99
3) Pyridine	3.43	79	396798	36.924	ng	99
4) n-Nitrosodimethylamine	3.37	42	153860	39.220	ng	97
6) Aniline	6.55	93	528478	39.061	ng	100
8) 2-Chlorophenol	6.67	128	329303	38.502	ng	98
9) Benzaldehyde	6.43	77	269825	40.410	ng	97
10) Phenol	6.52	94	443743	40.890	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	319370	38.652	ng	99
12) 1,3-Dichlorobenzene	6.83	146	365361	39.467	ng	96
13) 1,4-Dichlorobenzene	6.90	146	364983	40.964	ng	97
14) 1,2-Dichlorobenzene	7.06	146	344542	40.992	ng	99
15) Benzyl Alcohol	7.02	79	311545	38.522	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	422267	36.961	ng	98
17) 2-Methylphenol	7.13	107	280279	39.552	ng	100
18) Hexachloroethane	7.40	117	139334	40.098	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	246801	36.192	ng	95
20) 3+4-Methylphenols	7.28	107	349462	40.256	ng	92
22) Acetophenone	7.29	105	478555	38.440	ng	95
24) Nitrobenzene	7.46	77	367737	39.021	ng	98
25) Isophorone	7.70	82	652749	36.399	ng	98
26) 2-Nitrophenol	7.78	139	154633	44.921	ng	93
27) 2,4-Dimethylphenol	7.82	122	264136	36.775	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	408019	36.843	ng	99
29) 2,4-Dichlorophenol	8.02	162	269012	39.384	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	306601	39.872	ng	100
31) Naphthalene	8.19	128	948170	39.369	ng	100
32) Benzoic acid	7.92	122	217214	47.306	ng	92
33) 4-Chloroaniline	8.23	127	420837	39.803	ng	98
34) Hexachlorobutadiene	8.31	225	170705	40.705	ng	100
35) Caprolactam	8.60	113	90021	37.836	ng	89
36) 4-Chloro-3-methylphenol	8.70	107	292709	37.980	ng	96
37) 2-Methylnaphthalene	8.87	142	627261	37.932	ng	99
38) 1-Methylnaphthalene	8.97	142	595788	38.569	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	277589	39.869	ng	99

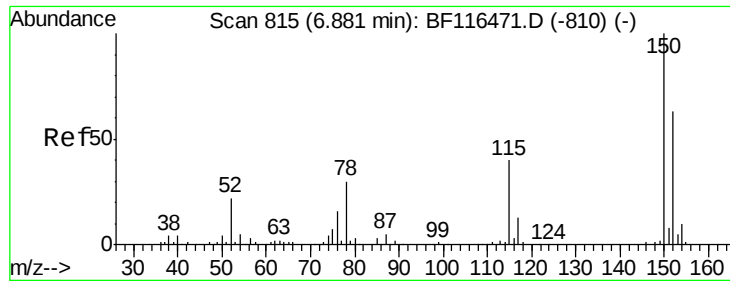
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	149620	39.941	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	193704	39.751	ng	95
44) 2,4,5-Trichlorophenol	9.19	196	201659	40.672	ng	95
46) 1,1'-Biphenyl	9.34	154	797858	38.561	ng	99
47) 2-Chloronaphthalene	9.36	162	619121	38.597	ng	99
48) 2-Nitroaniline	9.45	65	197419	40.197	ng	97
49) Acenaphthylene	9.78	152	928084	39.547	ng	99
50) Dimethylphthalate	9.64	163	696710	38.586	ng	100
51) 2,6-Dinitrotoluene	9.69	165	152404	41.238	ng	93
52) Acenaphthene	9.95	154	593593	39.418	ng	99
53) 3-Nitroaniline	9.86	138	187974	42.669	ng	90
54) 2,4-Dinitrophenol	9.96	184	53252	41.347	ng	# 1
55) Dibenzofuran	10.12	168	821512	39.136	ng	98
56) 4-Nitrophenol	10.01	139	142747	41.689	ng	92
57) 2,4-Dinitrotoluene	10.09	165	199899	42.507	ng	99
58) Fluorene	10.46	166	630899	38.684	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	170643	41.915	ng	98
60) Diethylphthalate	10.33	149	687762	38.755	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	310808	39.064	ng	99
62) 4-Nitroaniline	10.47	138	181608	42.151	ng	96
63) Azobenzene	10.62	77	714963	39.183	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	77506	42.752	ng	87
66) n-Nitrosodiphenylamine	10.57	169	573703	39.234	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	187829	39.673	ng	95
68) Hexachlorobenzene	11.02	284	207356	39.598	ng	95
69) Atrazine	11.10	200	178645	40.776	ng	100
70) Pentachlorophenol	11.20	266	127526	41.741	ng	100
71) Phenanthrene	11.43	178	982074	39.920	ng	99
72) Anthracene	11.47	178	1000957	40.491	ng	100
73) Carbazole	11.62	167	899640	40.543	ng	99
74) Di-n-butylphthalate	11.96	149	1078125	39.210	ng	100
75) Fluoranthene	12.61	202	1023749	40.251	ng	98
77) Benzidine	12.73	184	550920	41.683	ng	98
78) Pyrene	12.84	202	1043712	39.728	ng	99
80) Butylbenzylphthalate	13.46	149	454318	40.043	ng	94
81) Benzo(a)anthracene	14.02	228	848983	39.903	ng	100
82) 3,3'-Dichlorobenzidine	13.99	252	312743	41.247	ng	98
83) Chrysene	14.06	228	846079	39.234	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	564216	37.294	ng	99
85) Di-n-octyl phthalate	14.63	149	963711	37.521	ng	100
86) Indeno(1,2,3-cd)pyrene	16.96	276	609690	33.005	ng	98
88) Benzo(b)fluoranthene	15.07	252	769457	41.206	ng	97
89) Benzo(k)fluoranthene	15.10	252	689297	40.745	ng	99
90) Benzo(a)pyrene	15.44	252	647154	39.213	ng	99
91) Dibenzo(a,h)anthracene	16.98	278	499282	36.816	ng	98
92) Benzo(g,h,i)perylene	17.41	276	480239	37.145	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

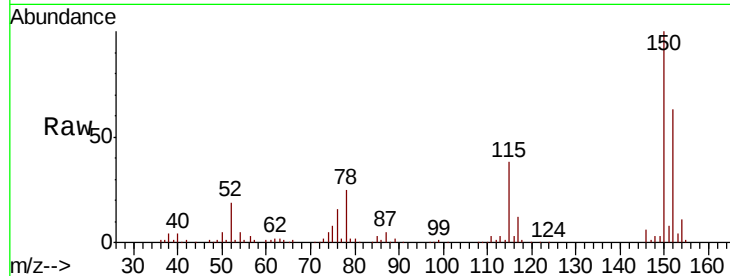


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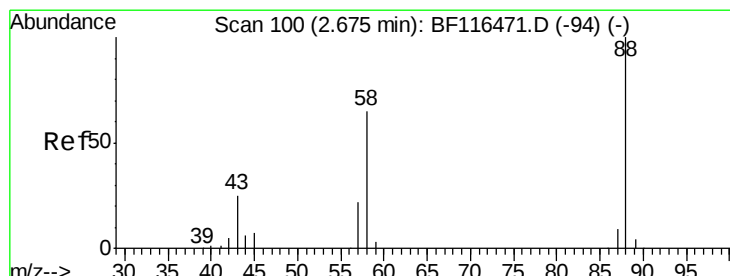
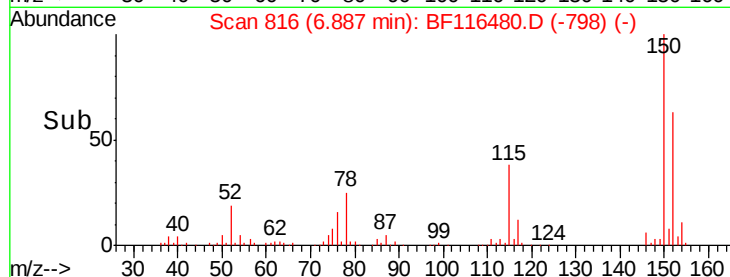
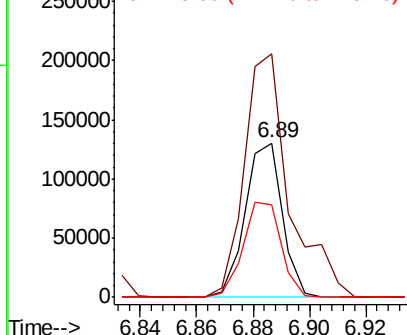
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 119088
Ion Ratio Lower Upper
152 100
150 157.5 126.7 190.1
115 60.2 50.9 76.3



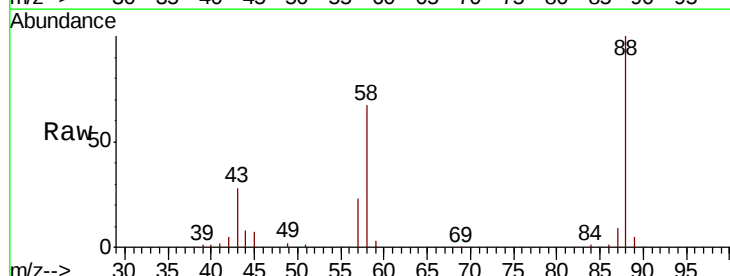
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



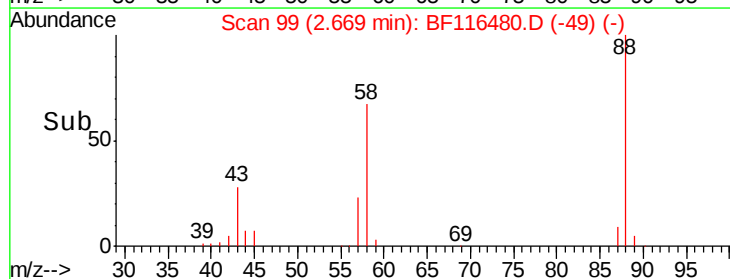
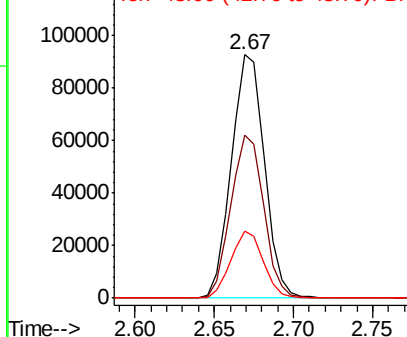
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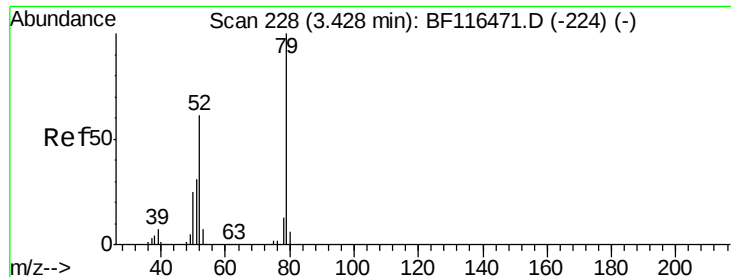
1,4-Dioxane
Concen: 37.967 ng
RT: 2.67 min Scan# 99
Delta R.T. -0.01 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Tgt Ion: 88 Resp: 133979
Ion Ratio Lower Upper
88 100
58 66.5 53.4 80.0
43 27.2 21.2 31.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 36.924 ng

RT: 3.43 min Scan# 228

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

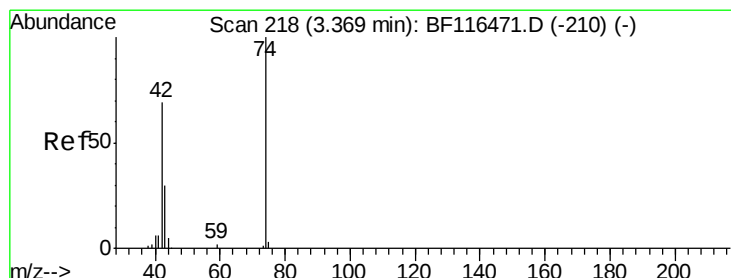
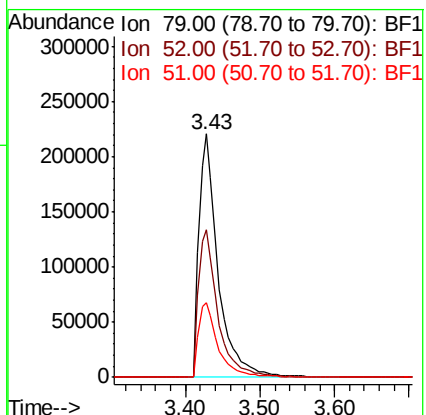
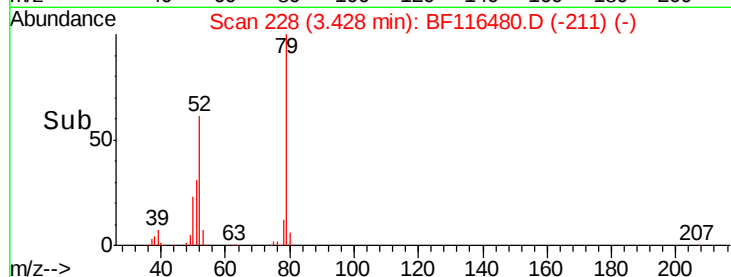
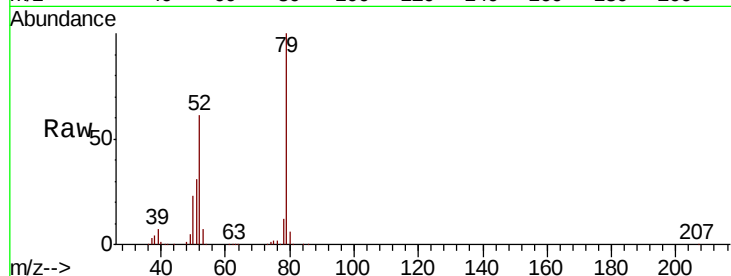
Tgt Ion: 79 Resp: 396798

Ion Ratio Lower Upper

79 100

52 60.7 48.8 73.2

51 30.8 25.2 37.8



#4

n-Nitrosodimethylamine

Concen: 39.220 ng

RT: 3.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

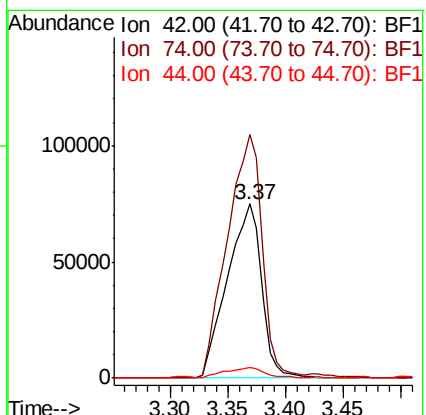
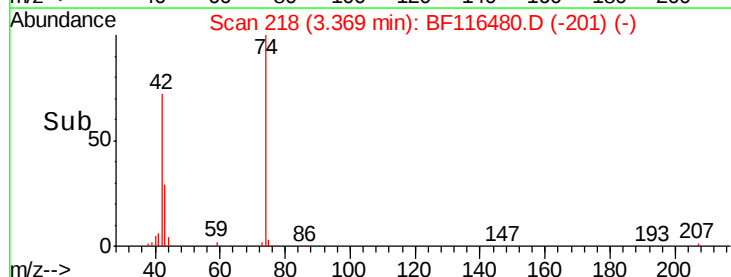
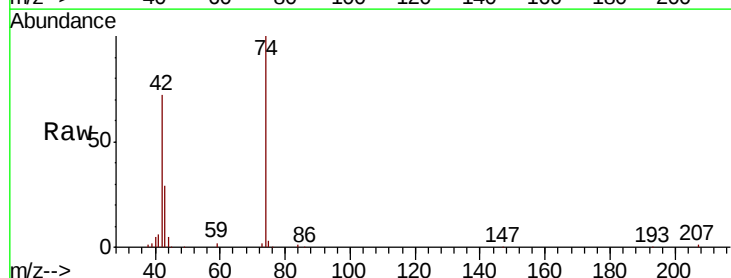
Tgt Ion: 42 Resp: 153860

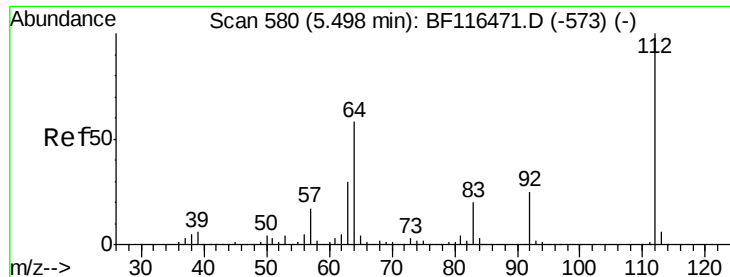
Ion Ratio Lower Upper

42 100

74 139.8 115.3 172.9

44 6.4 5.8 8.8





#5

2-Fluorophenol

Concen: 74.772 ng

RT: 5.50 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

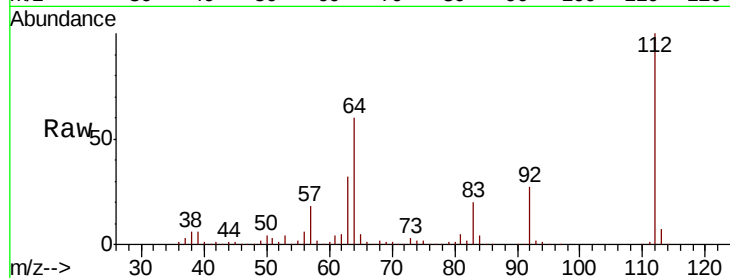
Tgt Ion: 112 Resp: 609419

Ion Ratio Lower Upper

112 100

64 60.1 46.3 69.5

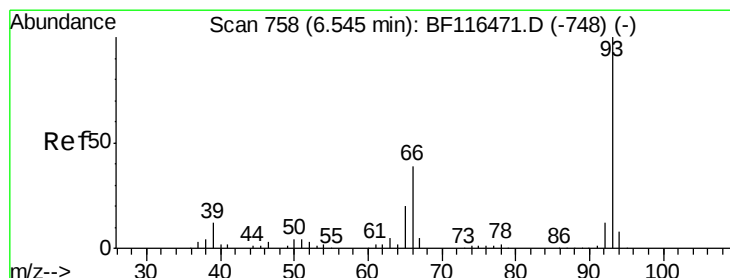
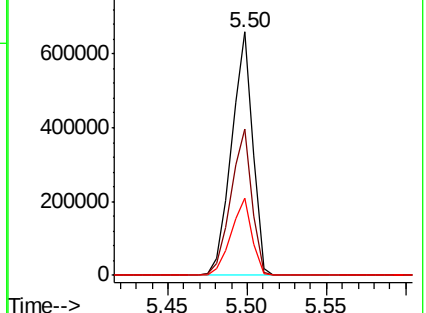
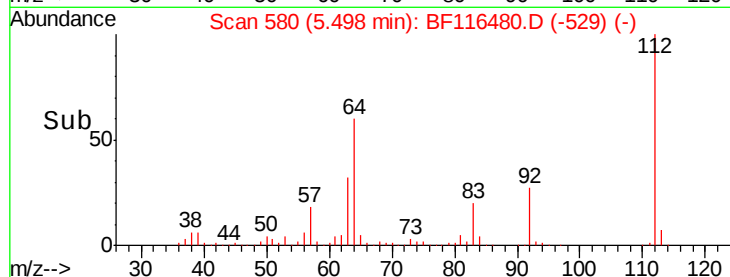
63 31.7 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.061 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

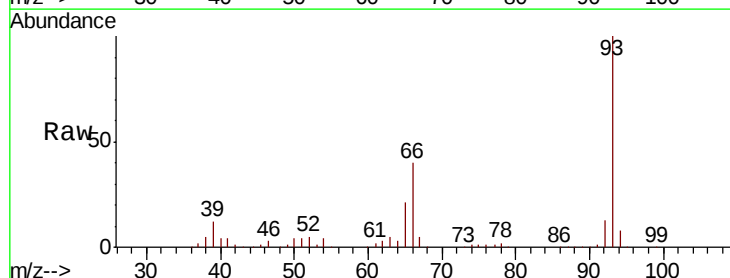
Tgt Ion: 93 Resp: 528478

Ion Ratio Lower Upper

93 100

66 39.9 32.2 48.2

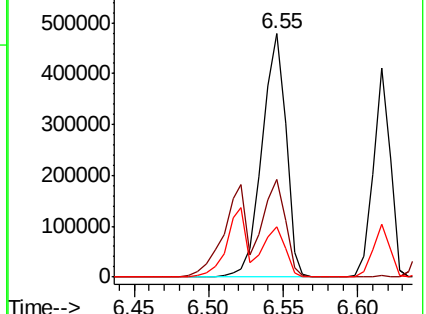
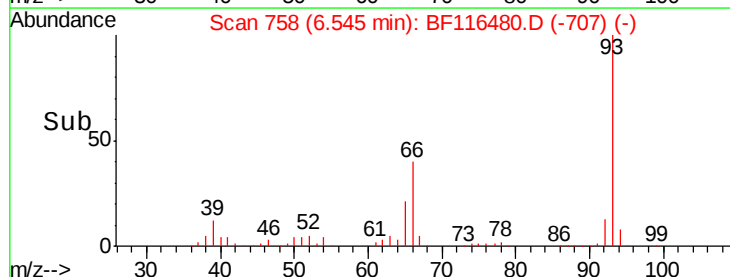
65 20.6 16.3 24.5

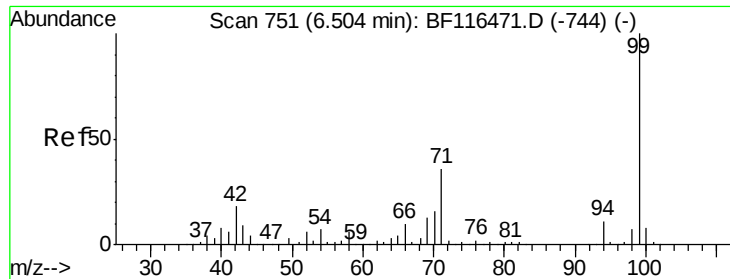


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.383 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

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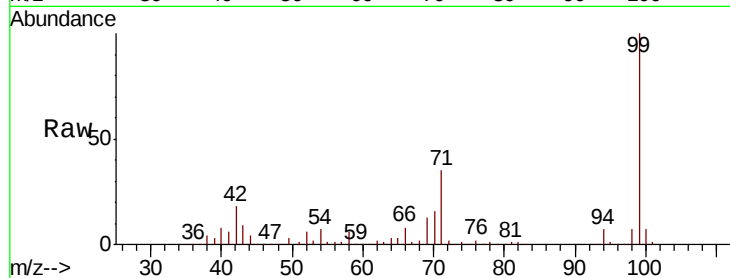
Tgt Ion: 99 Resp: 783324

Ion Ratio Lower Upper

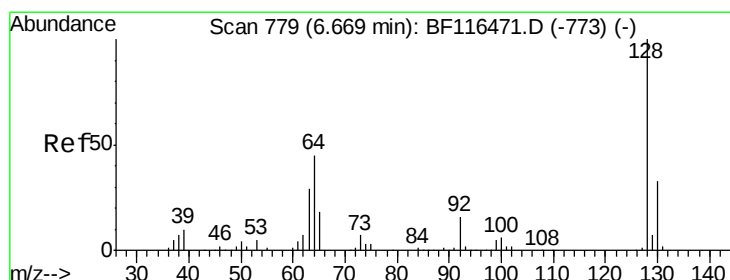
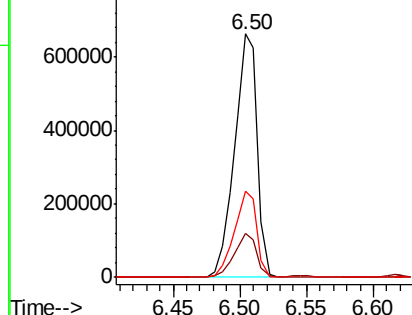
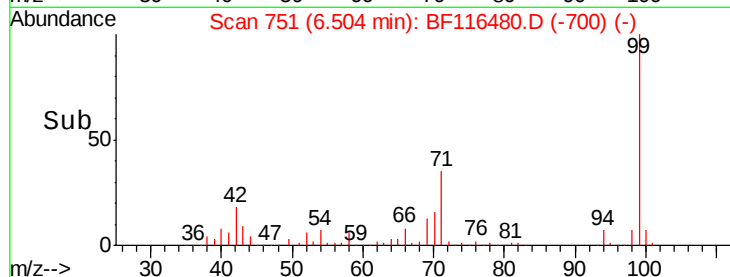
99 100

42 17.9 14.6 21.8

71 35.5 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.502 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

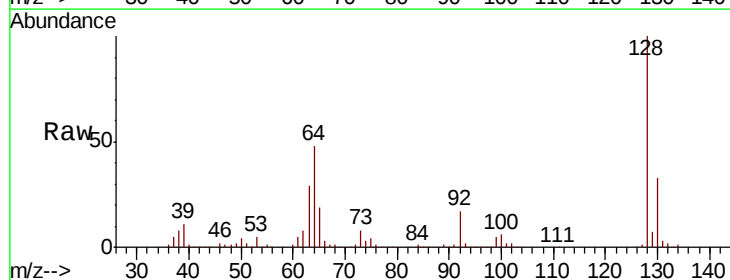
Tgt Ion: 128 Resp: 329303

Ion Ratio Lower Upper

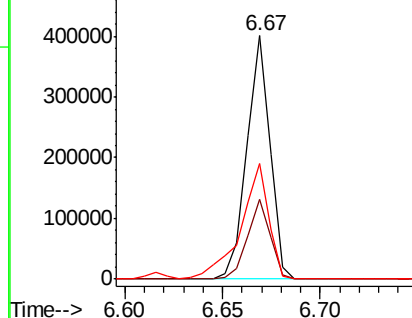
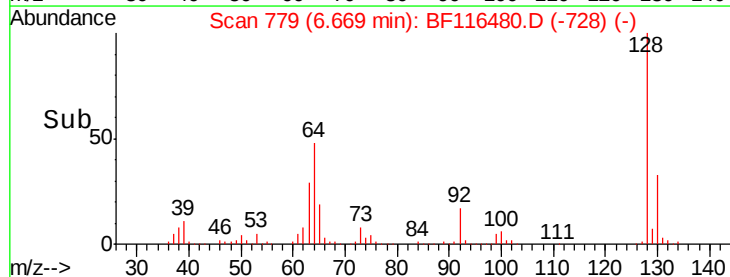
128 100

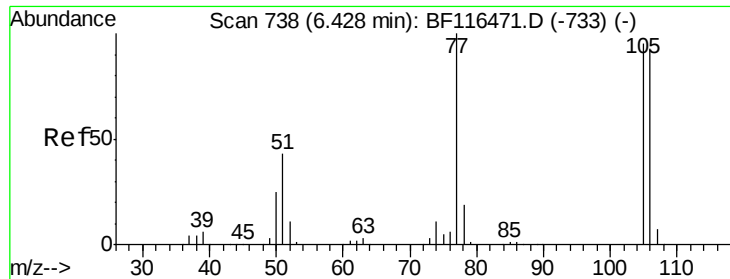
130 32.8 13.4 53.4

64 47.6 26.3 66.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.410 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

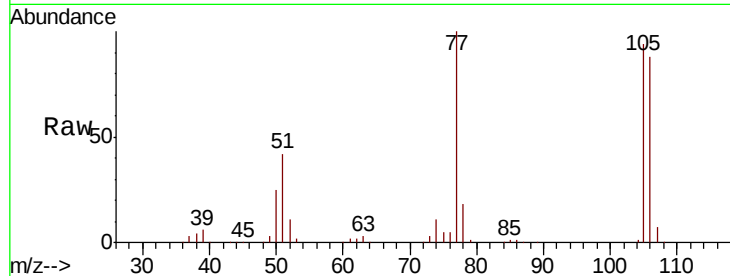
Tgt Ion: 77 Resp: 269825

Ion Ratio Lower Upper

77 100

105 93.7 75.5 115.5

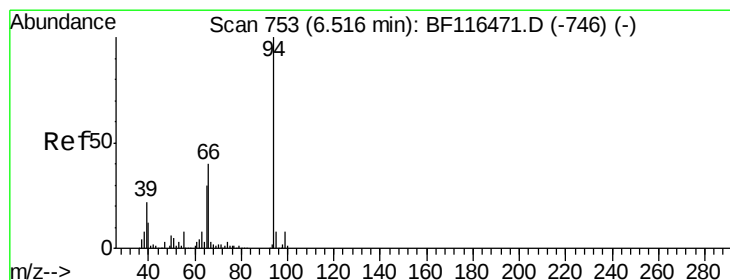
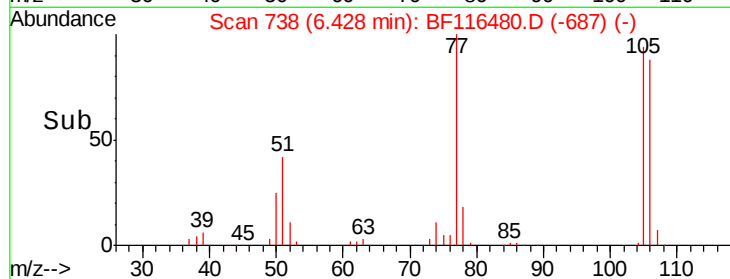
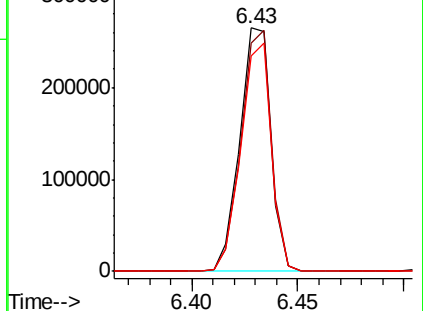
106 88.4 73.2 113.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.890 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

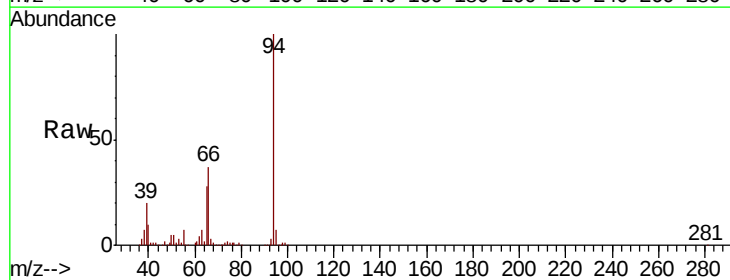
Tgt Ion: 94 Resp: 443743

Ion Ratio Lower Upper

94 100

65 28.2 10.0 50.0

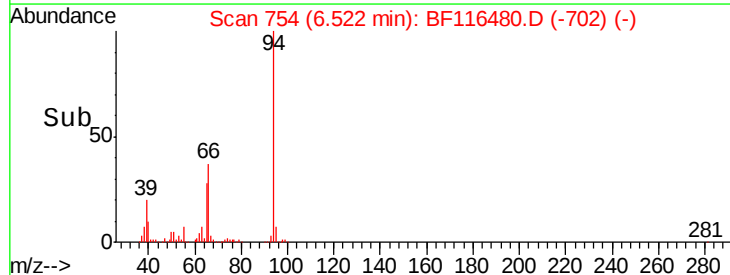
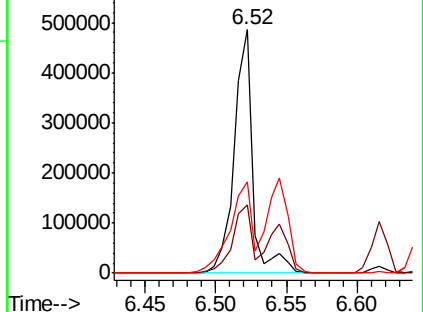
66 37.4 19.8 59.8

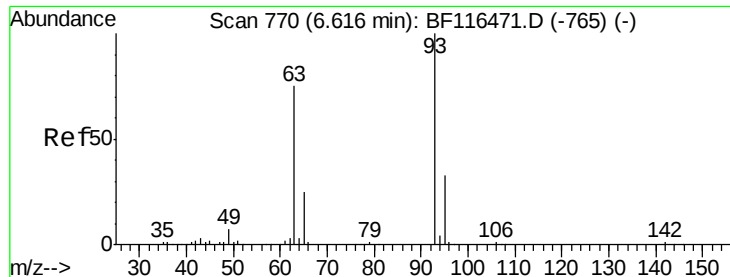


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.652 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

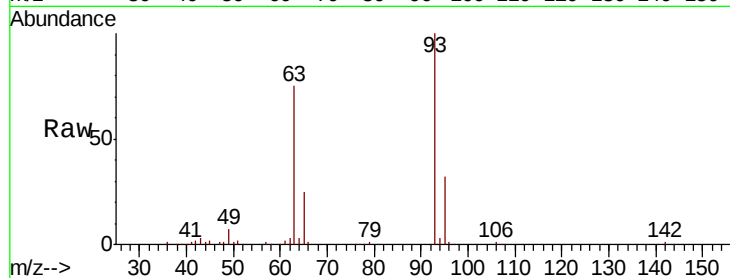
Tgt Ion: 93 Resp: 319370

Ion Ratio Lower Upper

93 100

63 75.4 54.3 94.3

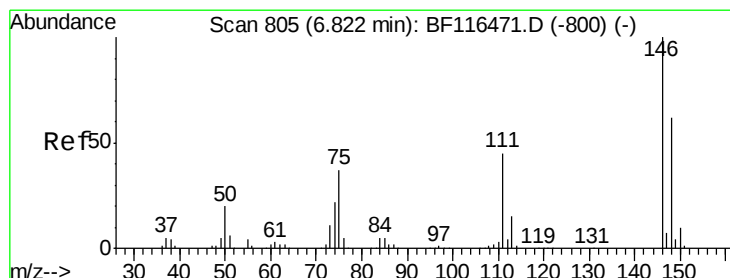
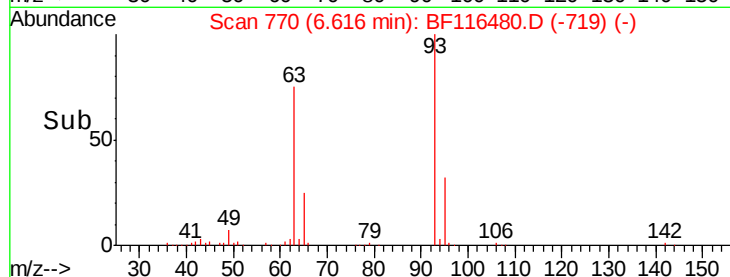
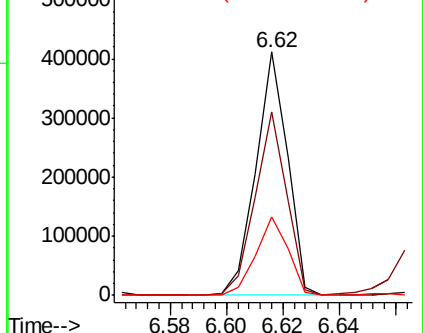
95 32.3 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.467 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

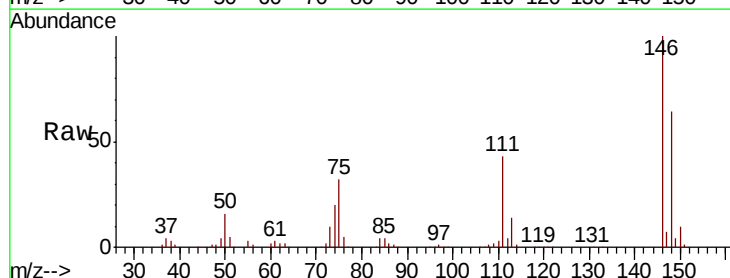
Tgt Ion: 146 Resp: 365361

Ion Ratio Lower Upper

146 100

148 64.0 49.8 74.8

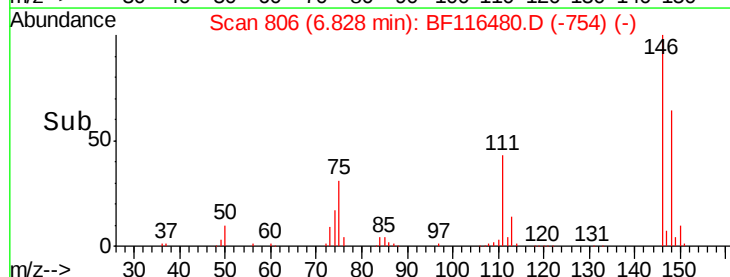
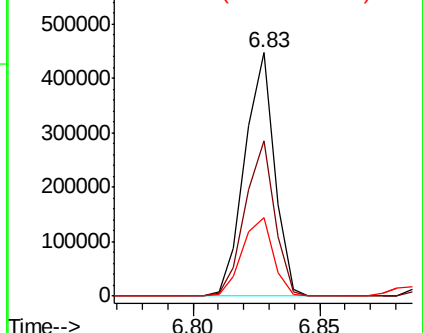
75 32.5 29.3 43.9

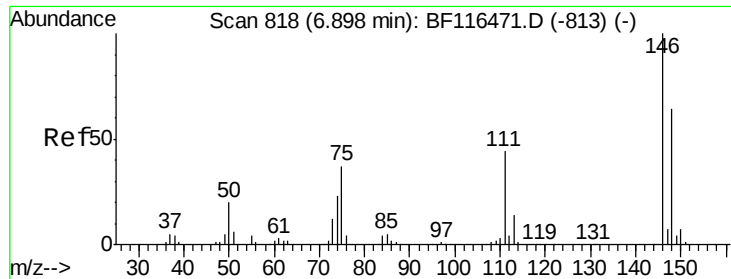


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

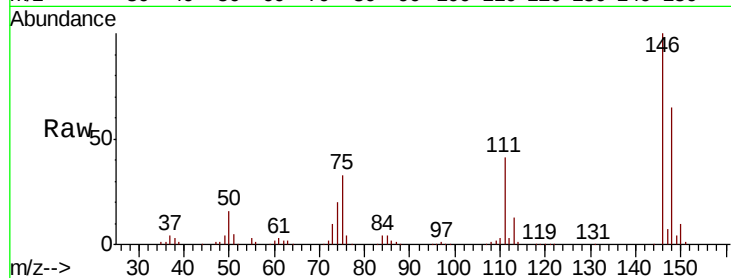




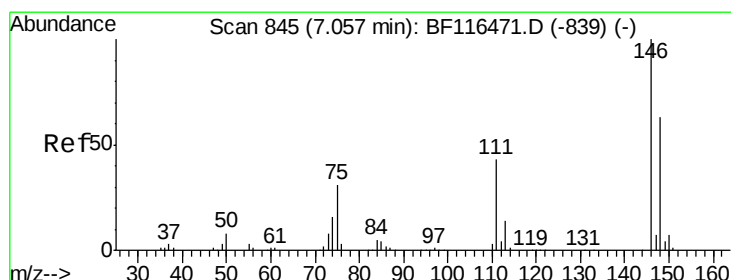
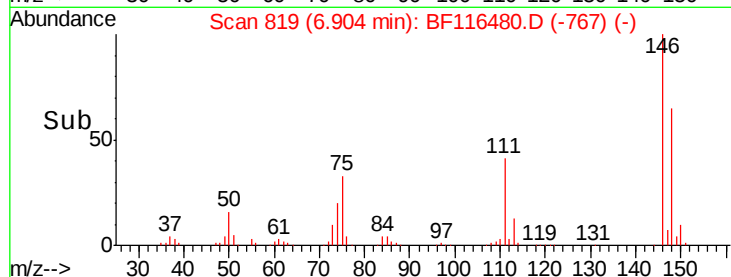
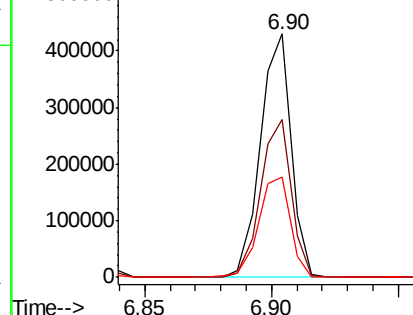
#13
 1,4-Dichlorobenzene
 Concen: 40.964 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 364983
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.0 76.4
 111 41.4 35.4 53.2

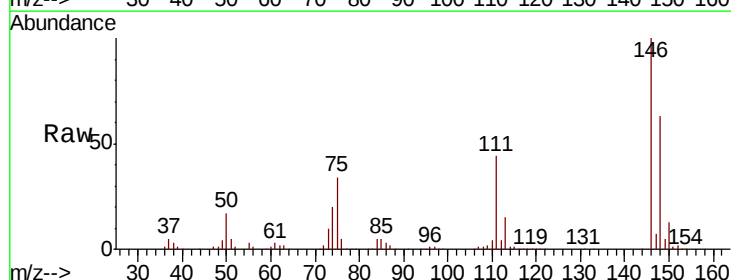


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

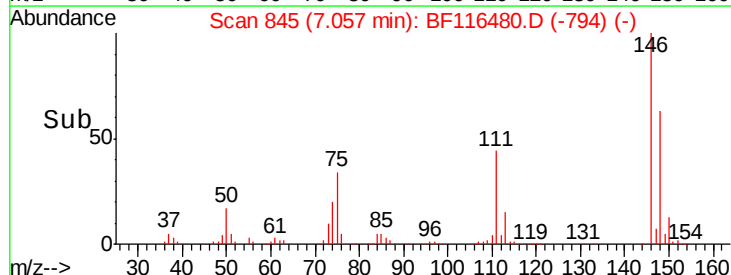
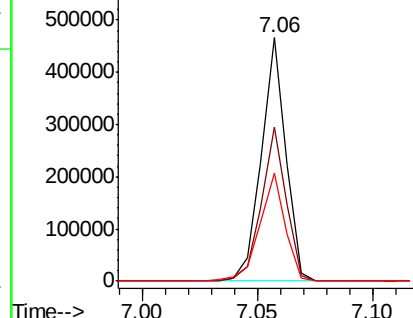


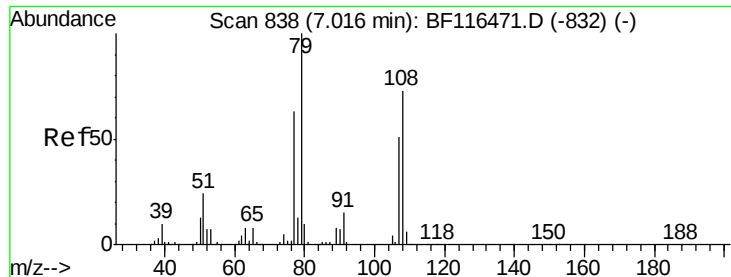
#14
 1,2-Dichlorobenzene
 Concen: 40.992 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

Tgt Ion:146 Resp: 344542
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.8 76.2
 111 44.2 34.5 51.7



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.522 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

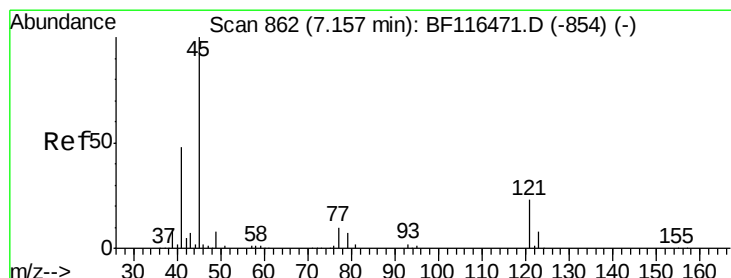
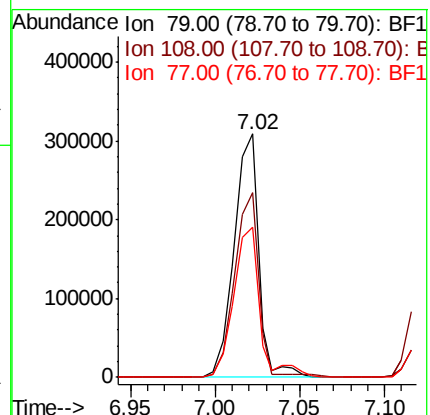
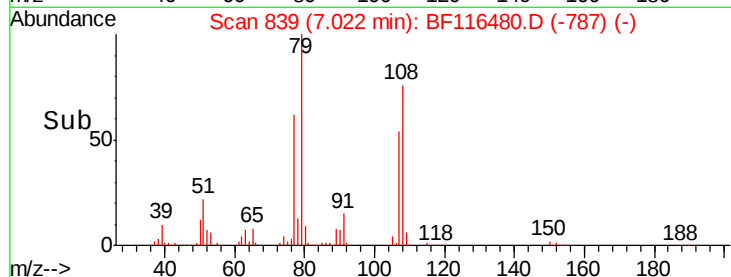
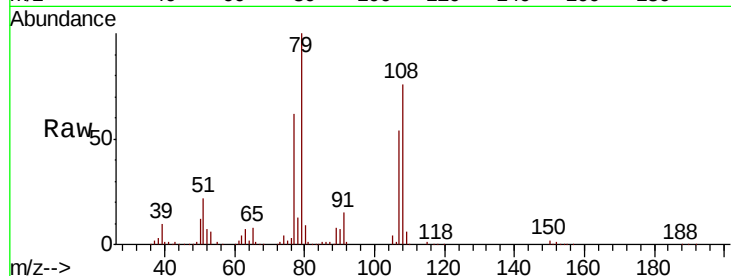
Tgt Ion: 79 Resp: 311545

Ion Ratio Lower Upper

79 100

108 76.1 58.1 87.1

77 61.6 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.961 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

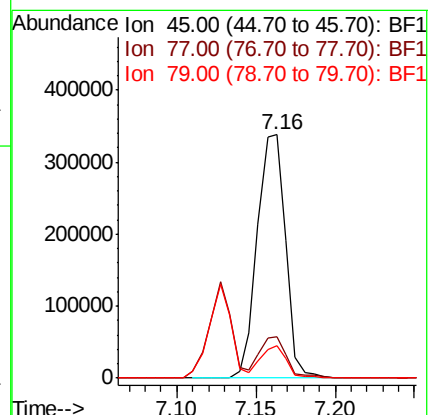
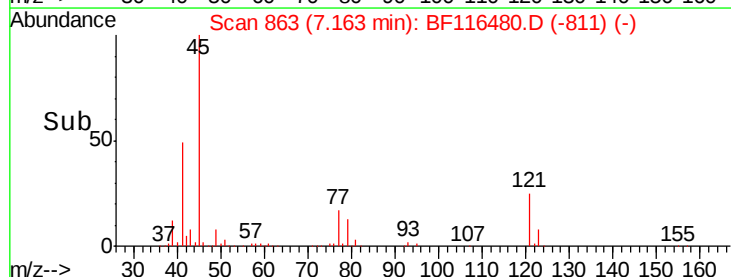
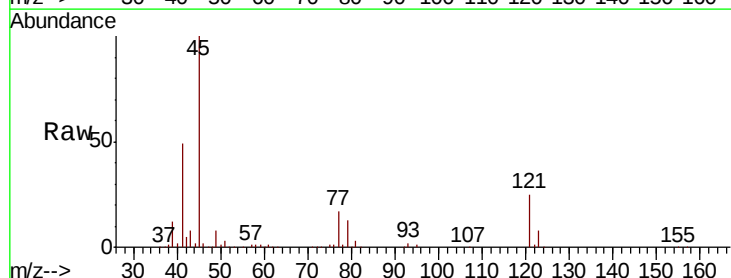
Tgt Ion: 45 Resp: 422267

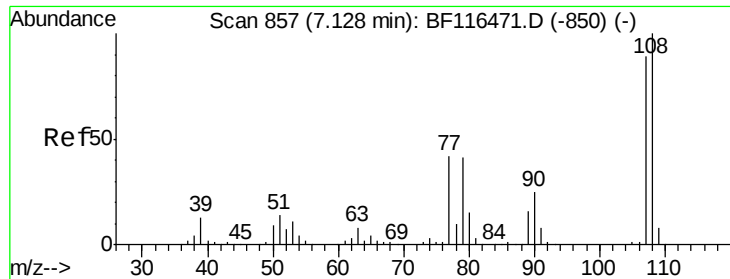
Ion Ratio Lower Upper

45 100

77 17.1 0.0 36.1

79 13.3 0.0 32.3

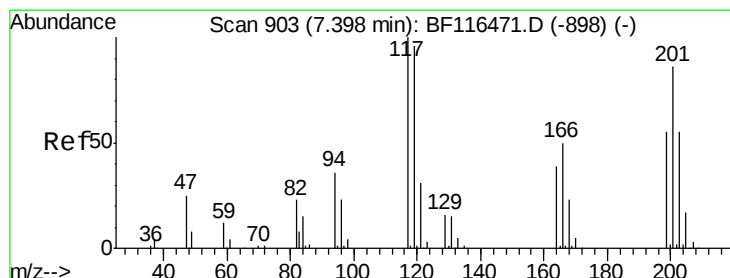
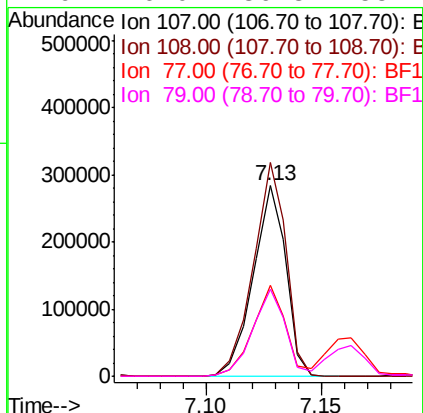
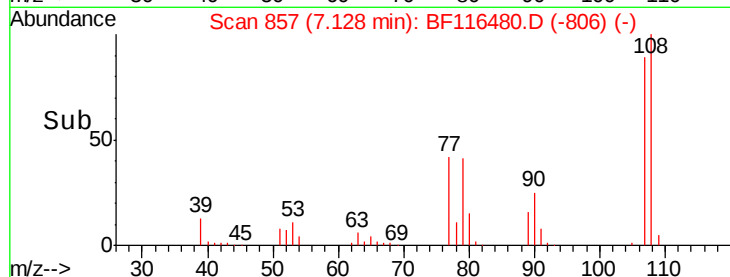
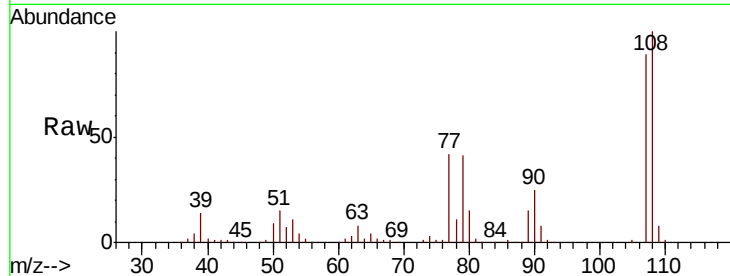




#17
2-Methylphenol
Concen: 39.552 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

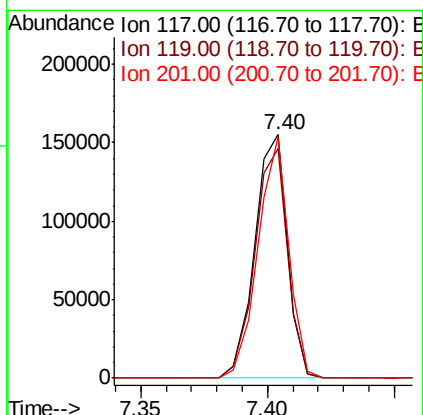
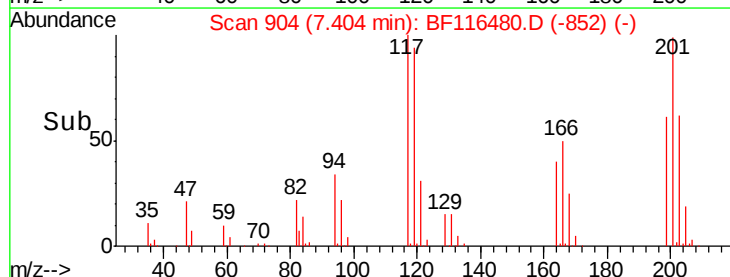
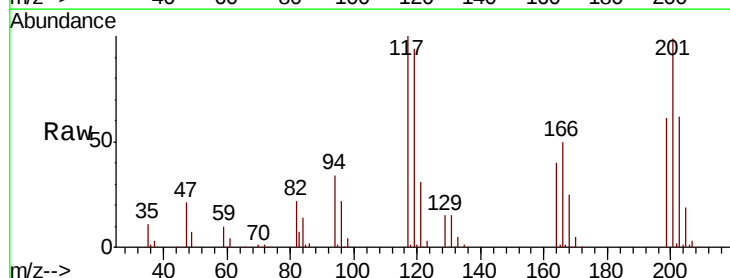
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

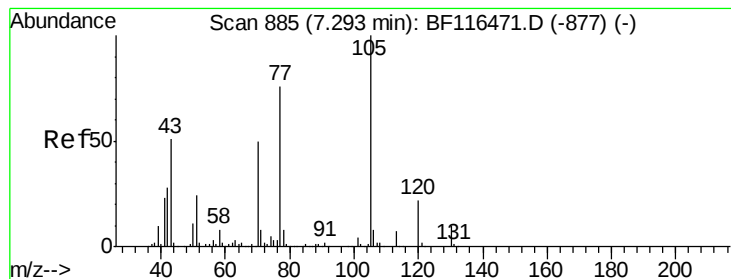
Tgt Ion:	107	Resp:	280279
Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.0	135.0
77	47.5	37.6	56.4
79	46.0	36.8	55.2



#18
Hexachloroethane
Concen: 40.098 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Tgt Ion:	117	Resp:	139334
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.0	115.6
201	99.0	69.1	103.7





#19

n-Nitroso-di-n-propylamine

Concen: 36.192 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 246801

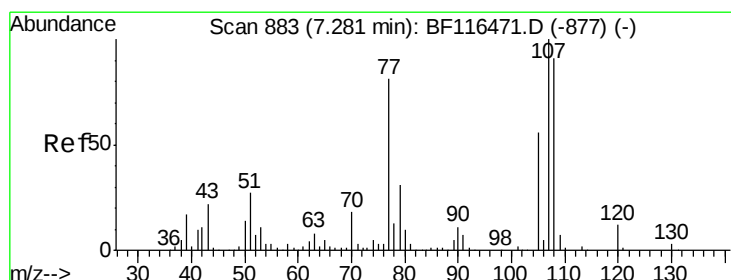
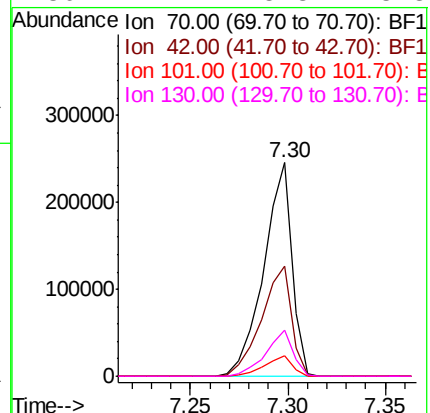
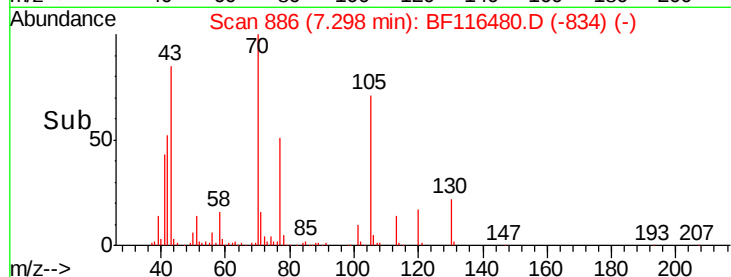
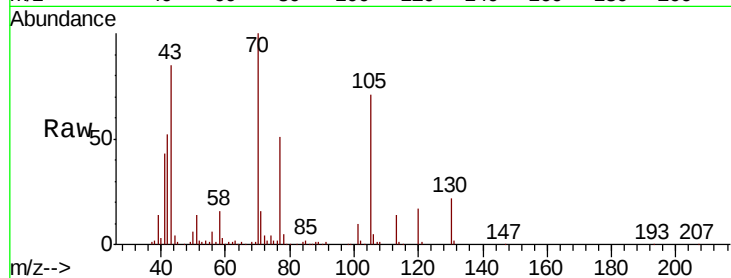
Ion Ratio Lower Upper

70 100

42 51.6 44.4 66.6

101 9.6 7.1 10.7

130 21.7 15.8 23.8



#20

3+4-Methylphenols

Concen: 40.256 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Tgt Ion: 107 Resp: 349462

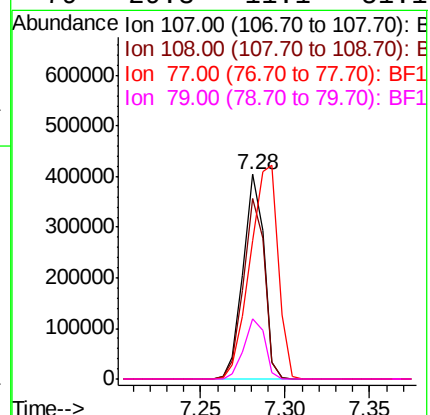
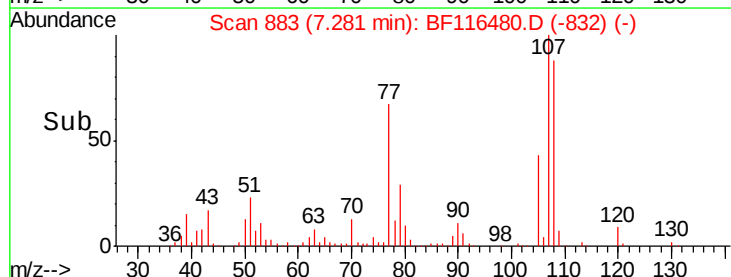
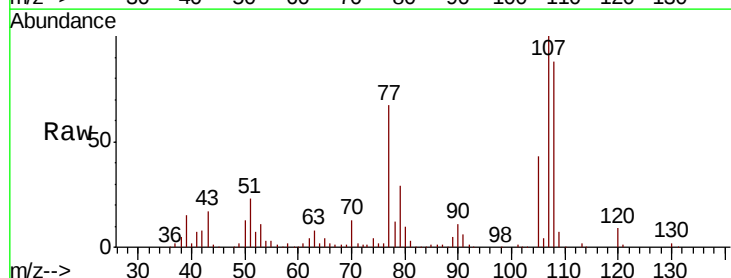
Ion Ratio Lower Upper

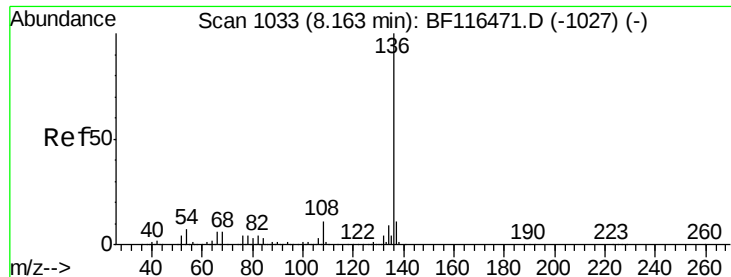
107 100

108 88.0 70.7 110.7

77 67.4 60.6 100.6

79 29.3 11.1 51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 497859

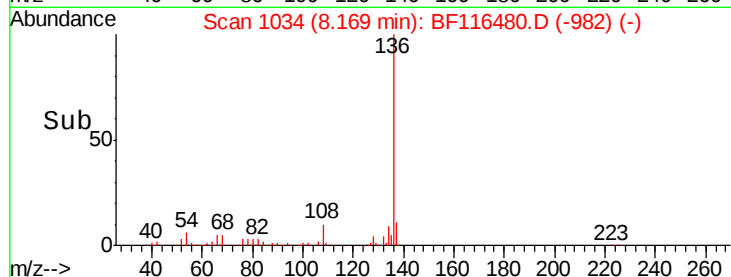
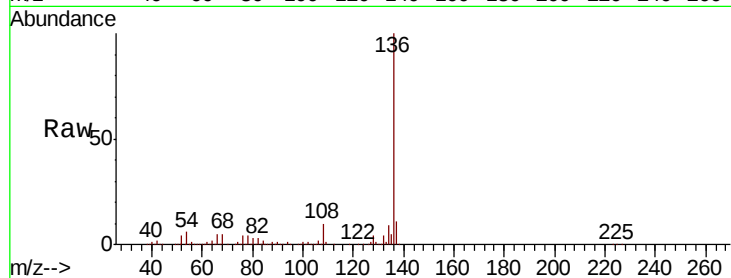
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.2 5.8 8.6

68 5.5 5.1 7.7



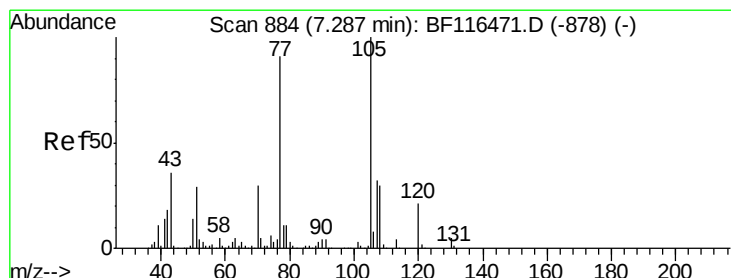
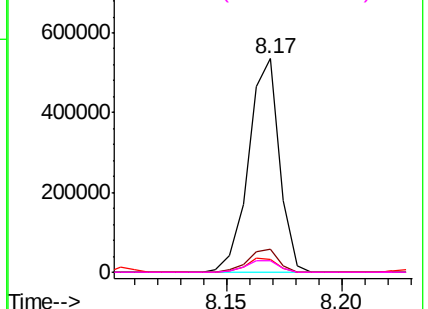
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.440 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Tgt Ion:105 Resp: 478555

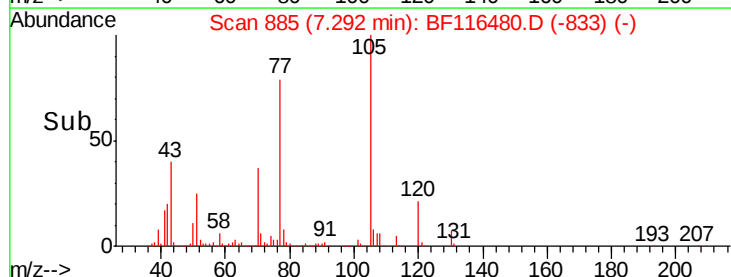
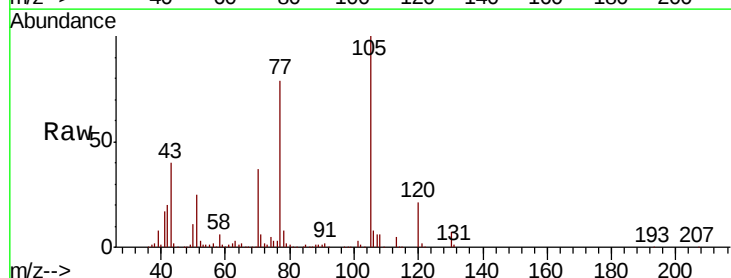
Ion Ratio Lower Upper

105 100

71 6.2 4.2 6.2

51 24.5 23.0 34.4

120 21.2 16.5 24.7



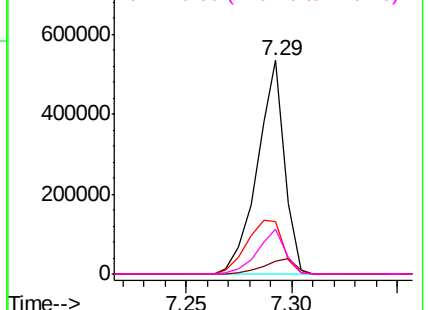
Abundance

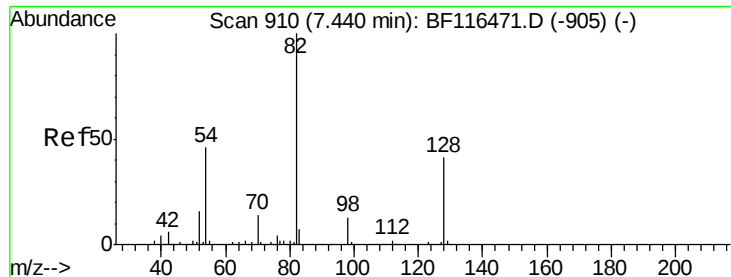
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

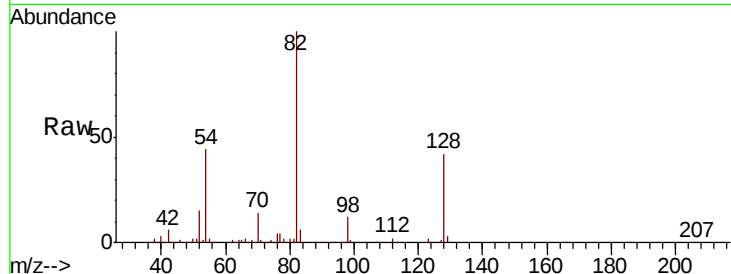




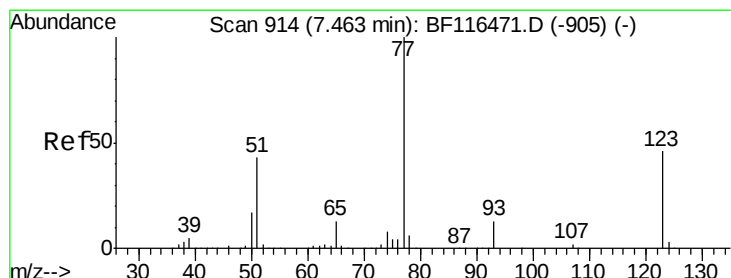
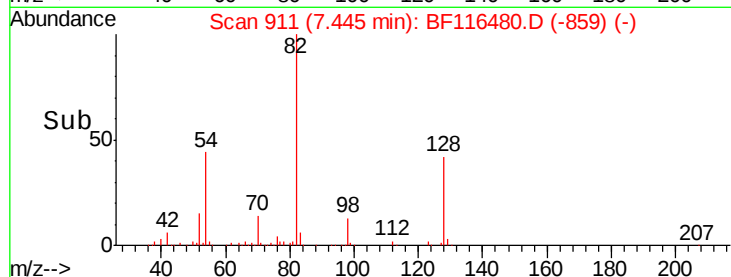
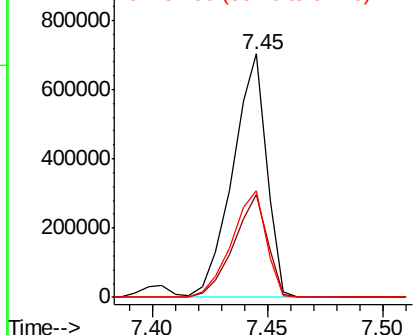
#23
 Nitrobenzene-d5
 Concen: 78.921 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 718178
 Ion Ratio Lower Upper
 82 100
 128 42.4 32.2 48.4
 54 43.7 36.5 54.7

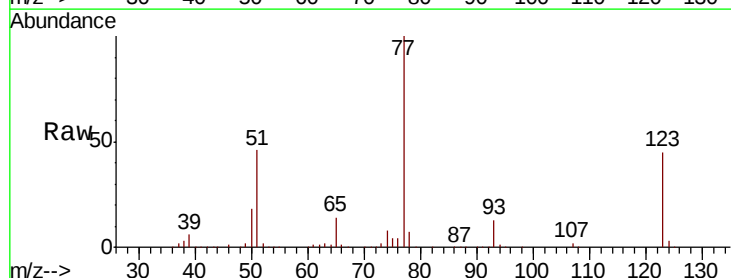


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

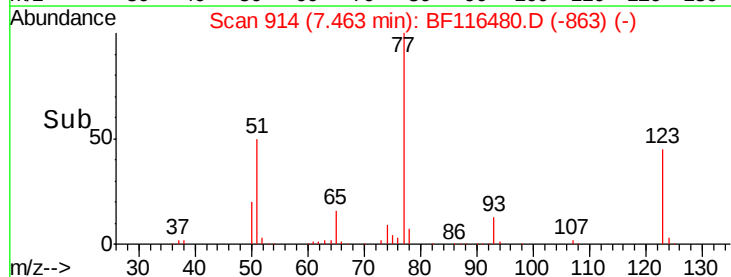
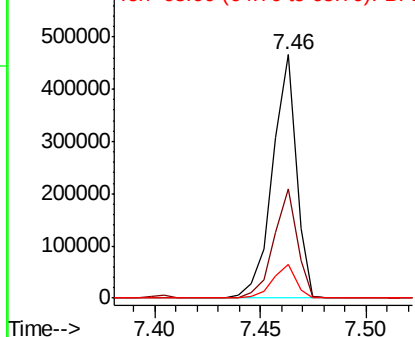


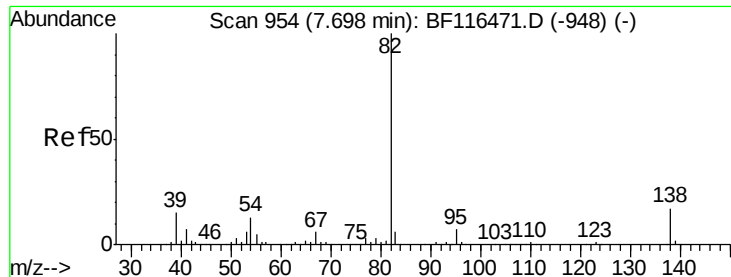
#24
 Nitrobenzene
 Concen: 39.021 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

Tgt Ion: 77 Resp: 367737
 Ion Ratio Lower Upper
 77 100
 123 44.8 37.0 55.4
 65 13.6 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.399 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

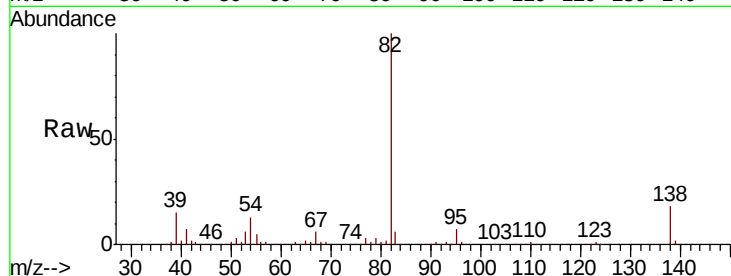
Tgt Ion: 82 Resp: 652749

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

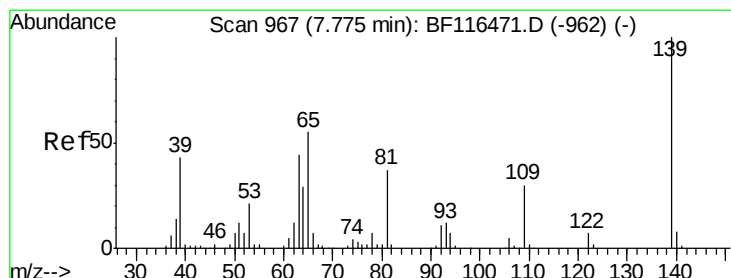
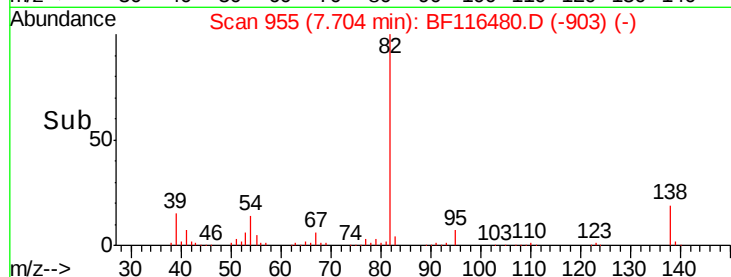
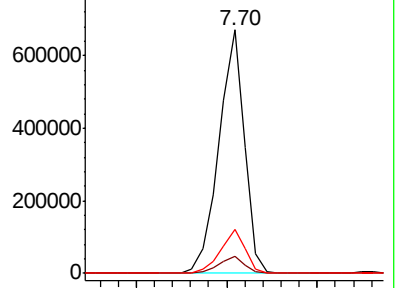
138 17.9 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.921 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

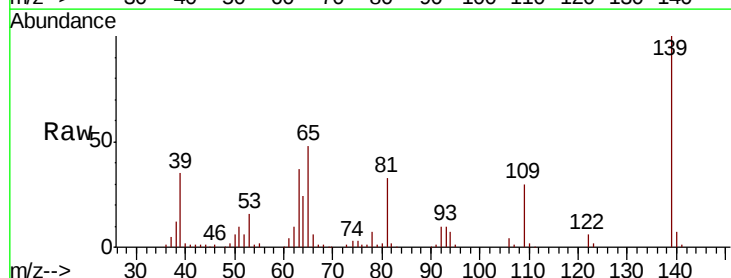
Tgt Ion: 139 Resp: 154633

Ion Ratio Lower Upper

139 100

109 29.6 24.3 36.5

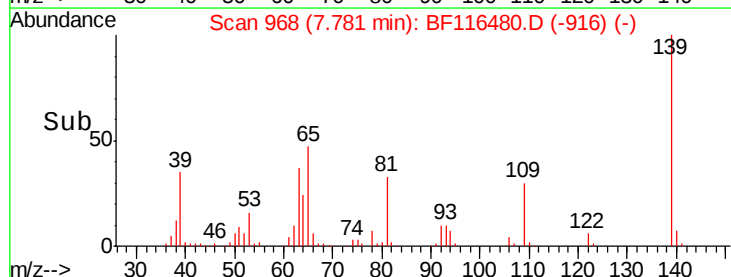
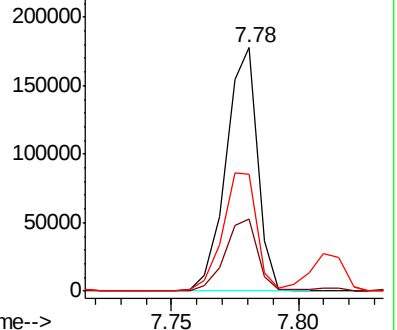
65 47.9 44.0 66.0

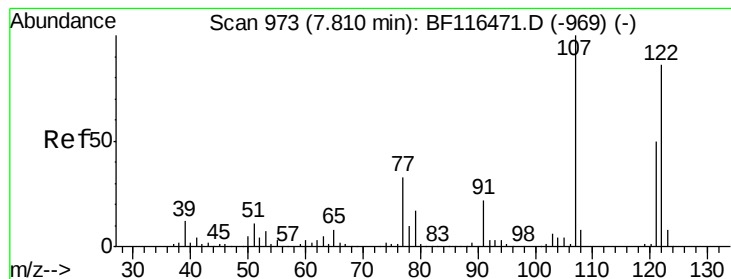


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 36.775 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

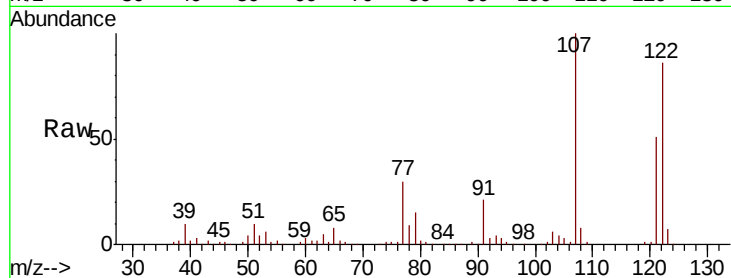
Tgt Ion: 122 Resp: 264136

Ion Ratio Lower Upper

122 100

107 116.2 92.4 138.6

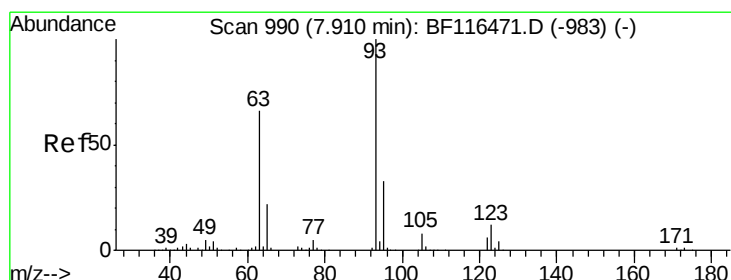
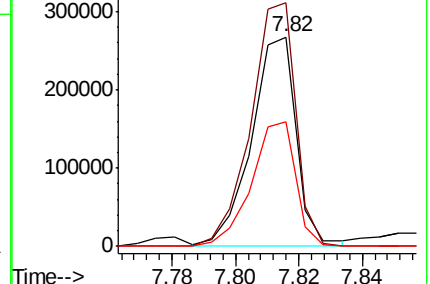
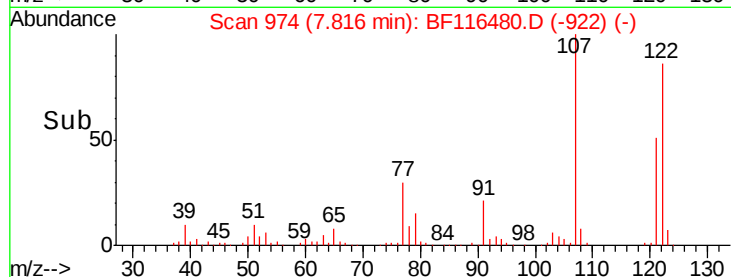
121 59.2 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.843 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

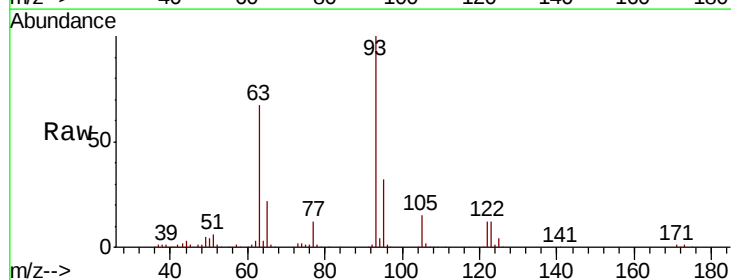
Tgt Ion: 93 Resp: 408019

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

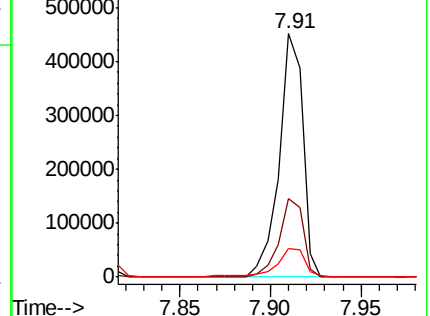
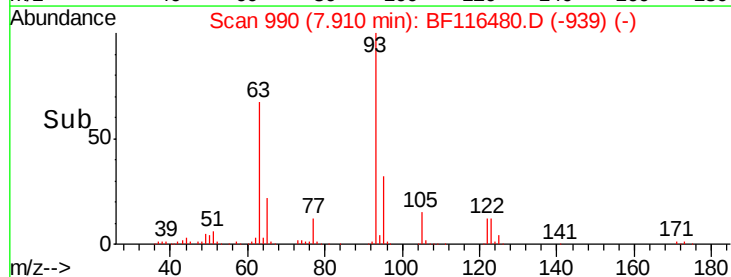
123 11.8 9.8 14.6

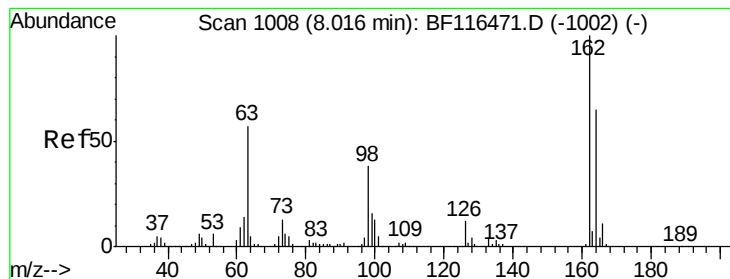


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.384 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

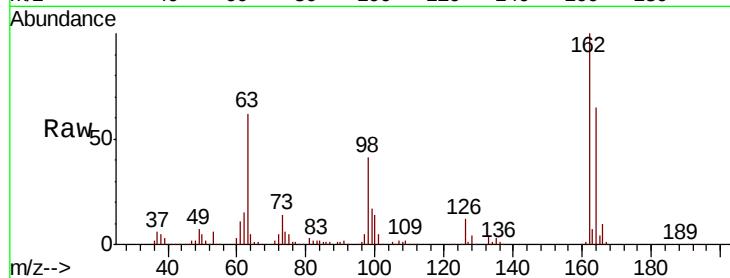
Tgt Ion:162 Resp: 269012

Ion Ratio Lower Upper

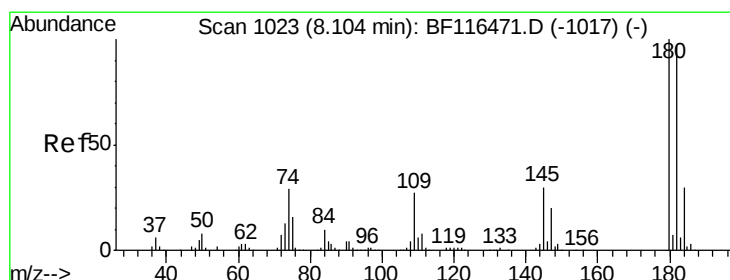
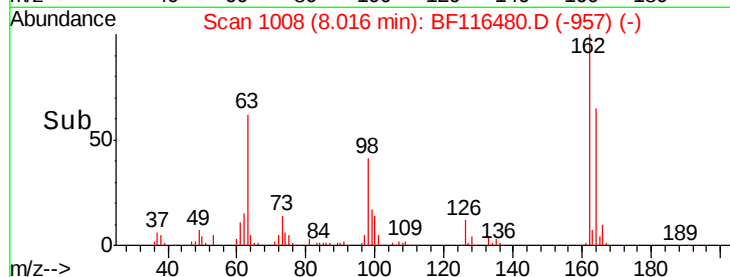
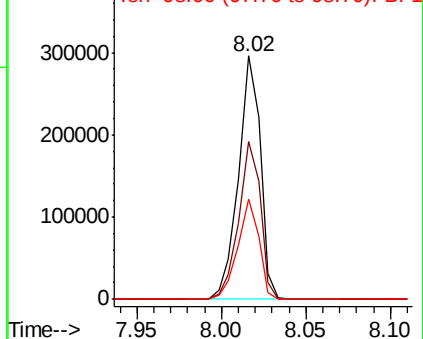
162 100

164 64.9 44.9 84.9

98 41.0 17.9 57.9



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.872 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

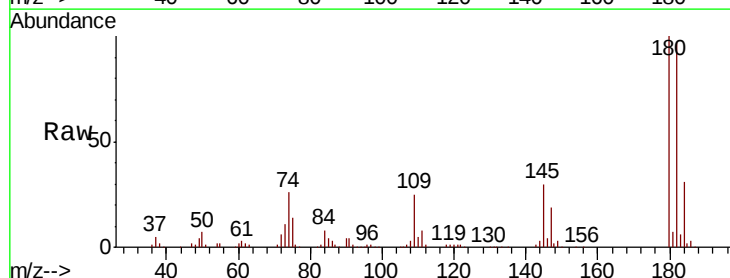
Tgt Ion:180 Resp: 306601

Ion Ratio Lower Upper

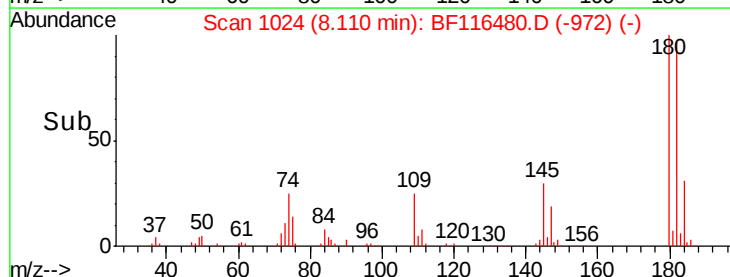
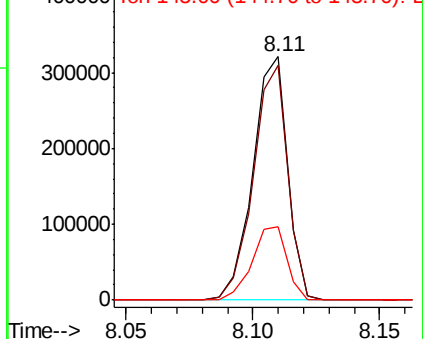
180 100

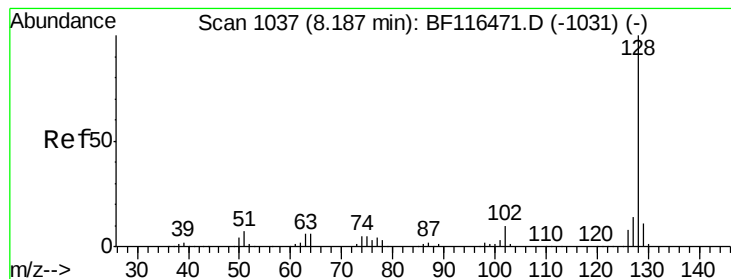
182 96.6 77.4 116.0

145 30.2 24.3 36.5



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.369 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

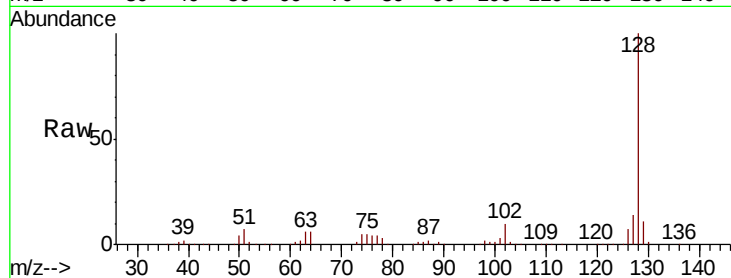
Tgt Ion:128 Resp: 948170

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

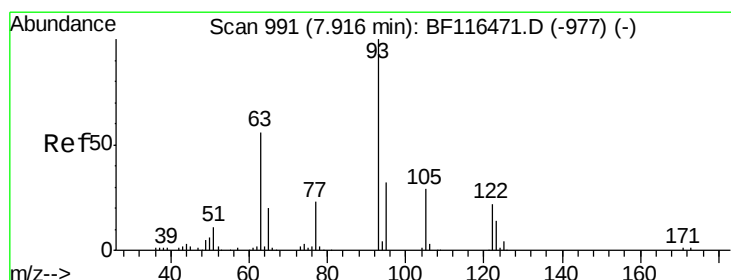
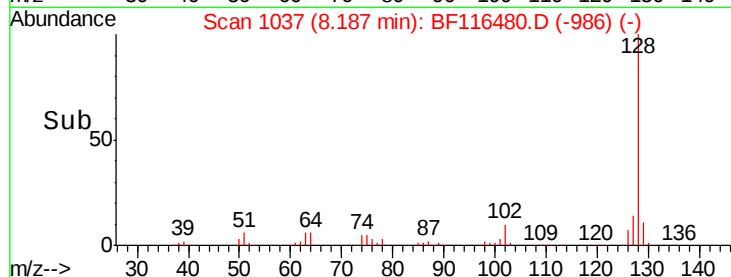
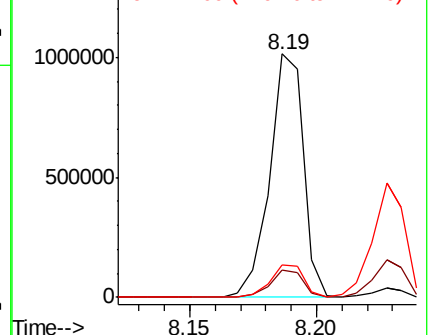
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.306 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

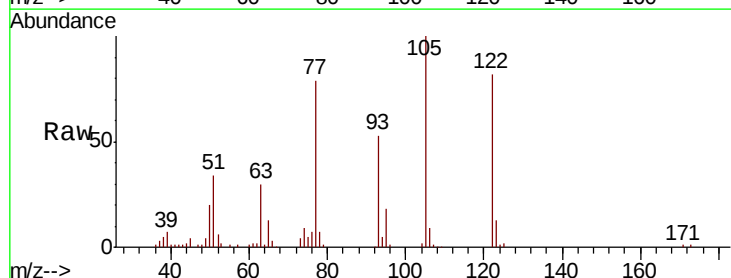
Tgt Ion:122 Resp: 217214

Ion Ratio Lower Upper

122 100

105 121.2 109.9 149.9

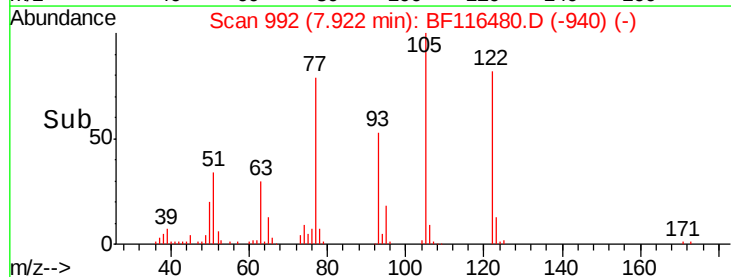
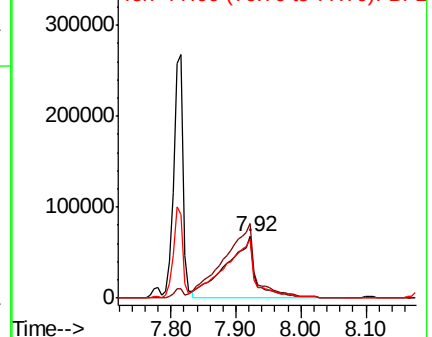
77 96.0 84.9 124.9

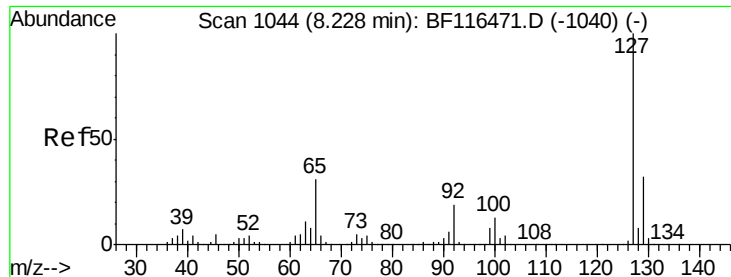


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

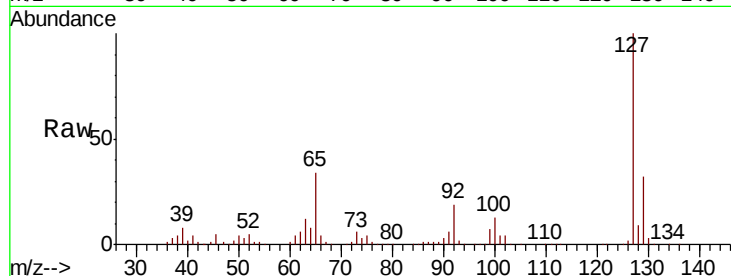




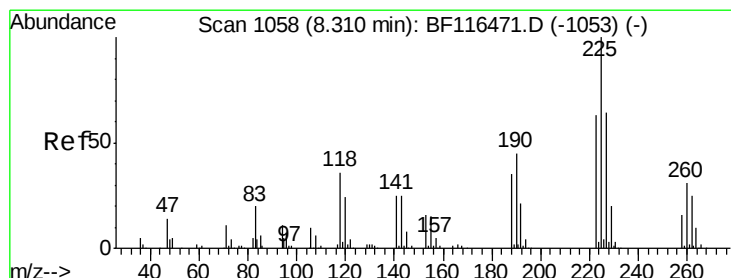
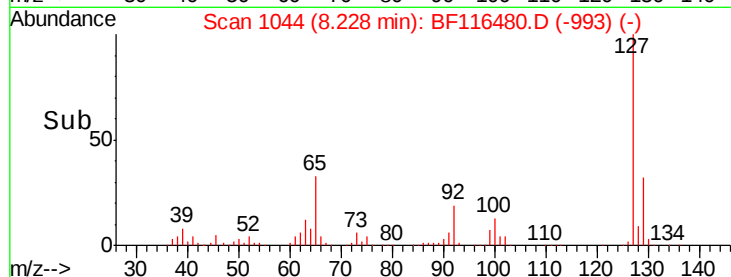
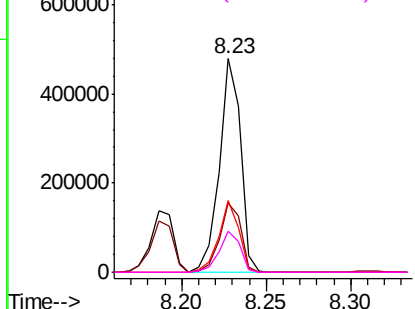
#33
4-Chloroaniline
Concen: 39.803 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	420837
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	33.7	25.0	37.6
92	19.3	15.0	22.6

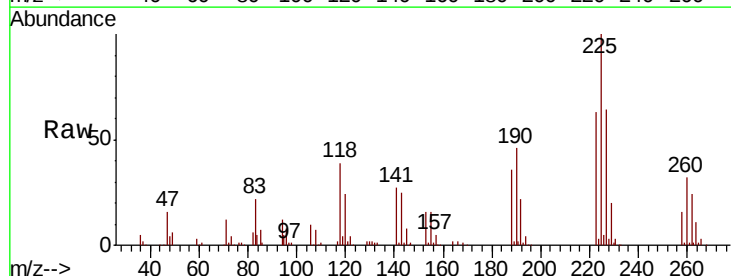


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

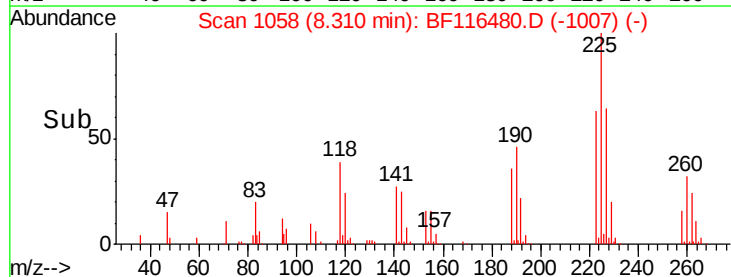
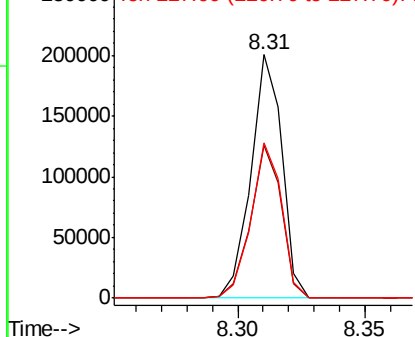


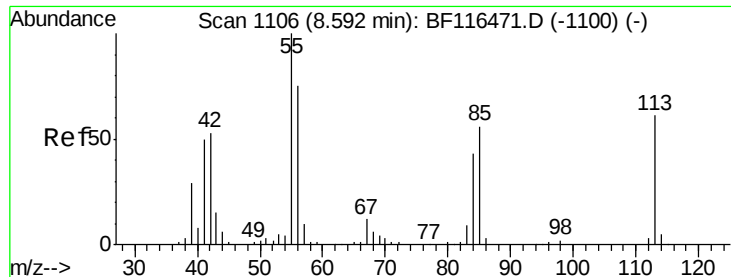
#34
Hexachlorobutadiene
Concen: 40.705 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Tgt Ion:	225	Resp:	170705
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.3	75.5
227	63.7	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

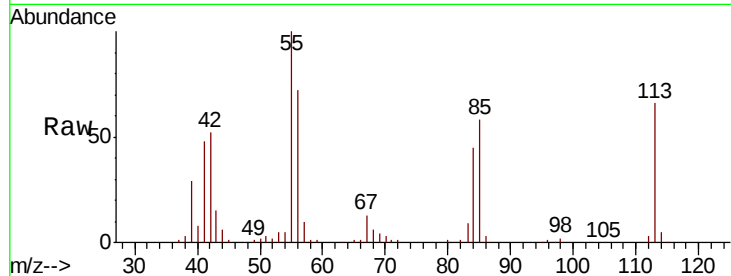




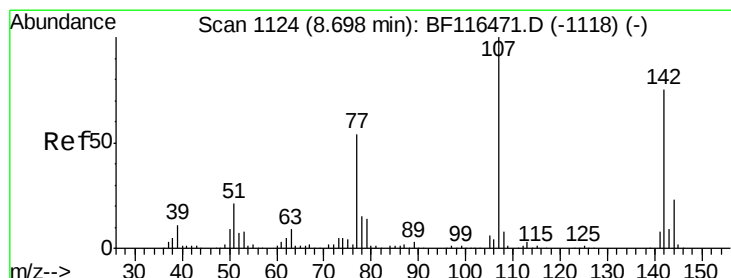
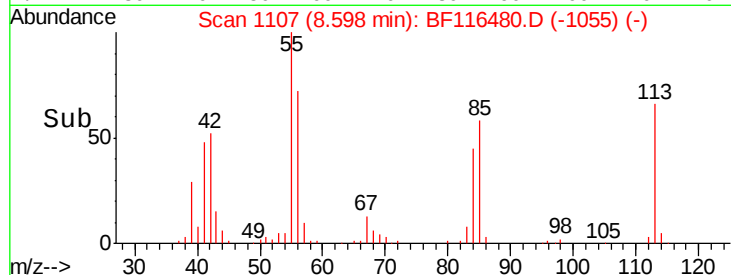
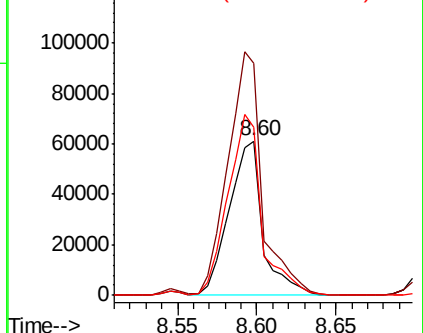
#35
 Caprolactam
 Concen: 37.836 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 90021
 Ion Ratio Lower Upper
 113 100
 55 150.7 143.6 183.6
 56 109.1 102.3 142.3

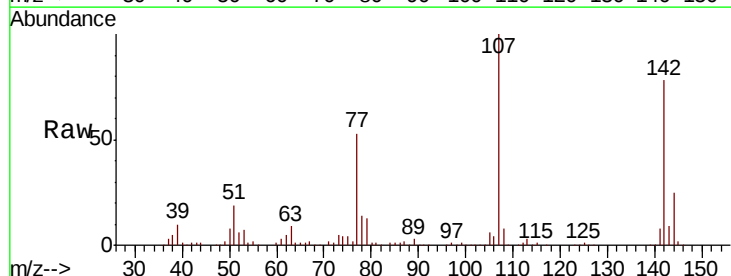


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

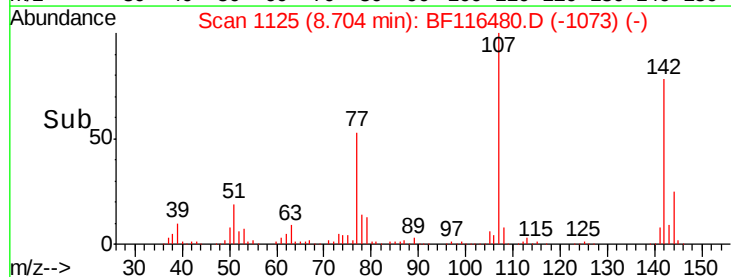
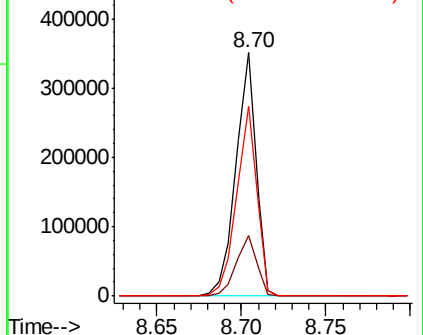


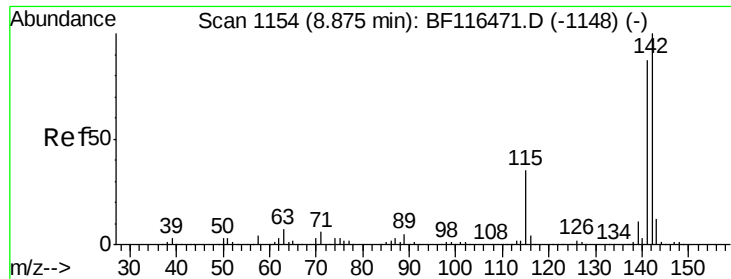
#36
 4-Chloro-3-methylphenol
 Concen: 37.980 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

Tgt Ion:107 Resp: 292709
 Ion Ratio Lower Upper
 107 100
 144 24.9 18.8 28.2
 142 78.2 59.8 89.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

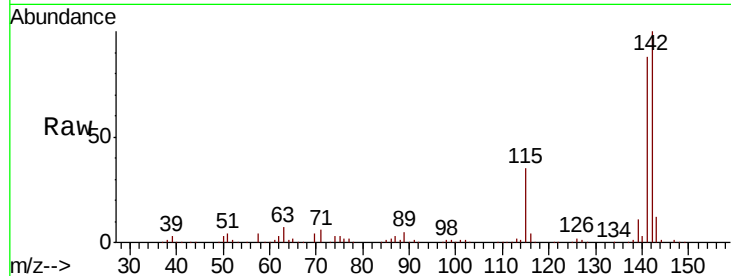




#37
 2-Methylnaphthalene
 Concen: 37.932 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	69.8	104.6
115	35.5	27.7	41.5

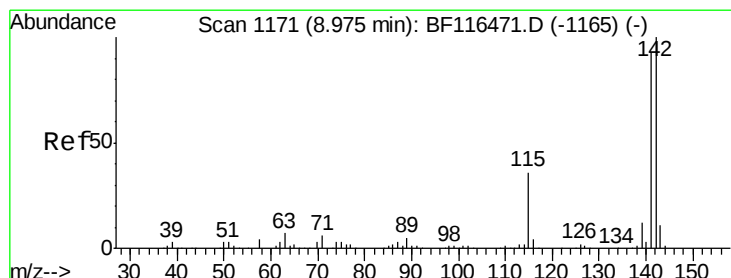
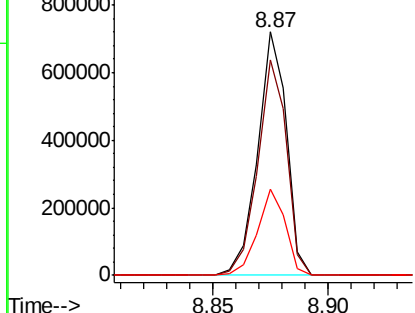
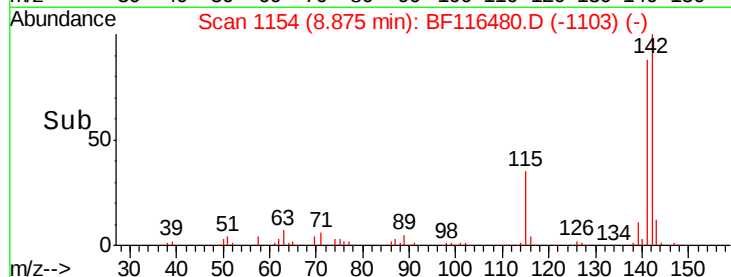


Abundance

Ion 142.00 (141.70 to 142.70): E

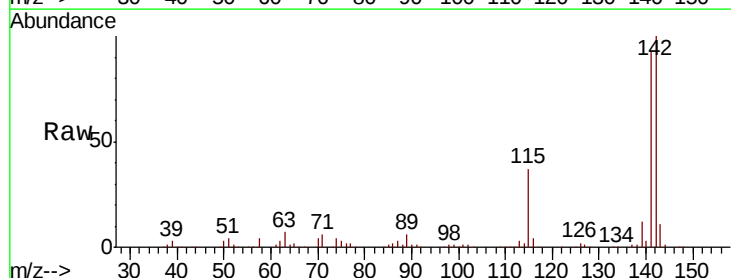
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 38.569 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.2	111.2
116	3.9	2.9	4.3

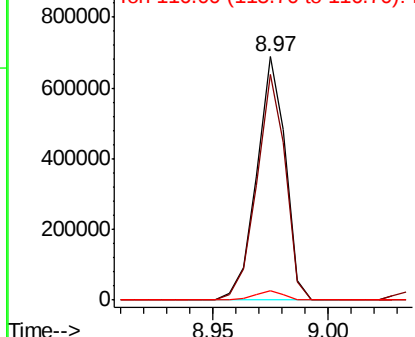
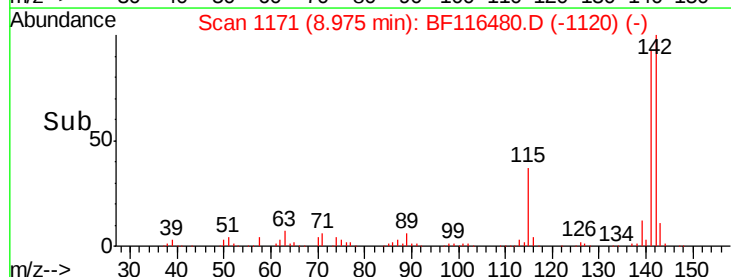


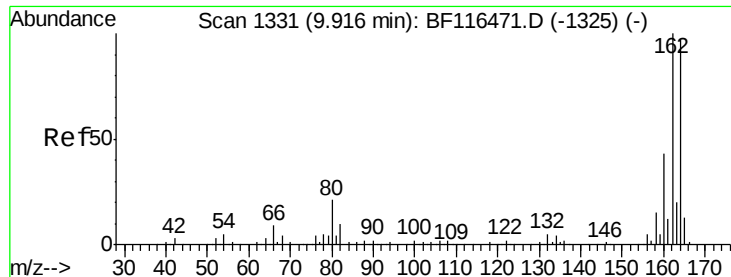
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

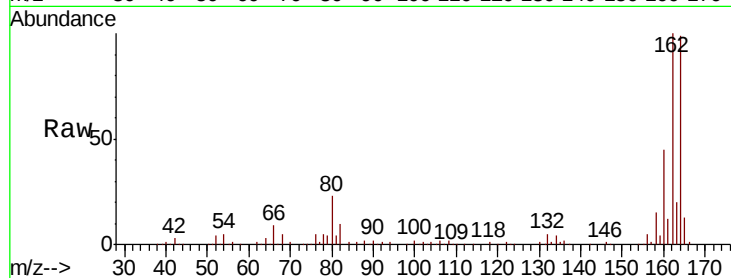




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.6	123.8
160	45.2	35.8	53.8

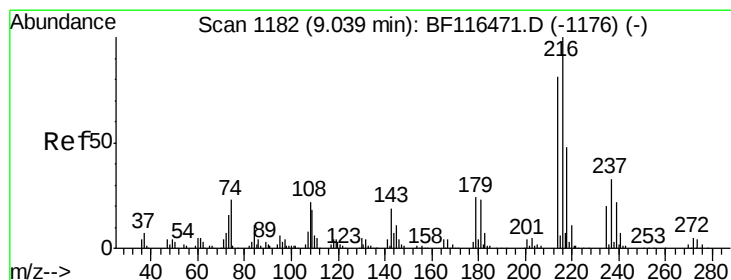
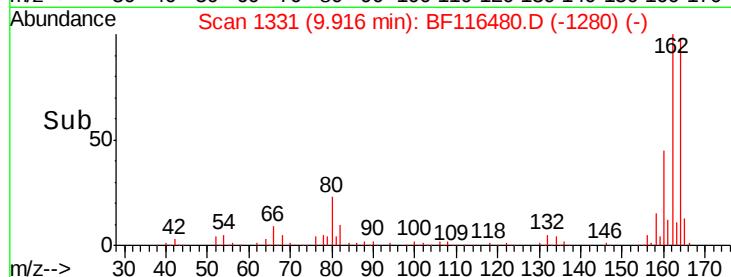
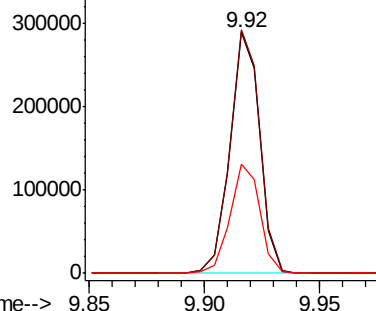


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.869 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.8
179	22.7	18.5	27.7
108	20.7	17.3	25.9

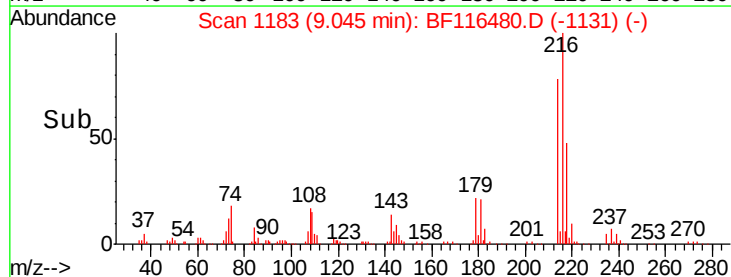
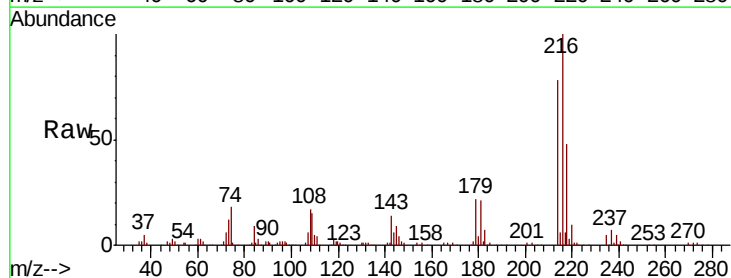
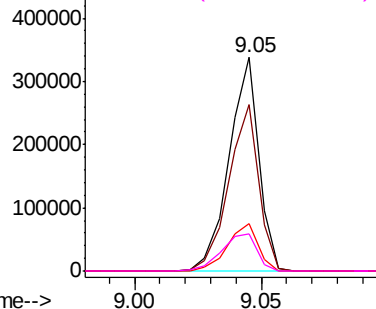
Abundance

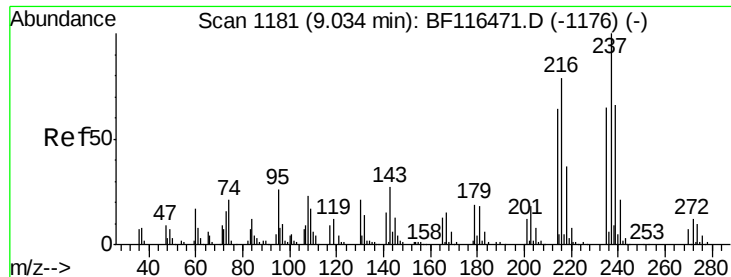
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.941 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

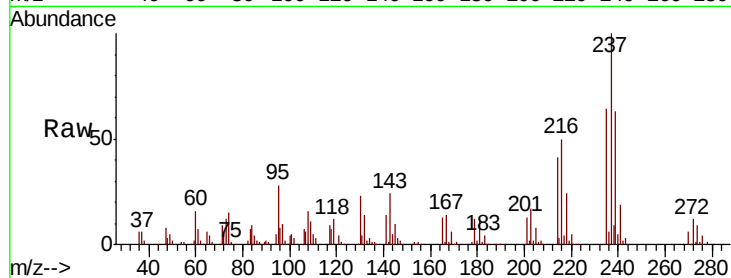
Tgt Ion: 237 Resp: 149620

Ion Ratio Lower Upper

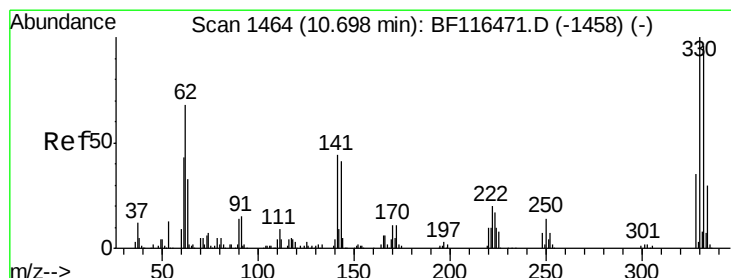
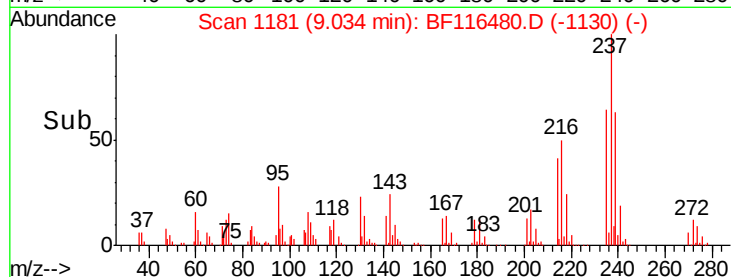
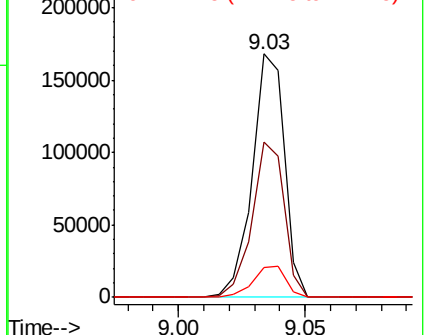
237 100

235 63.6 44.8 84.8

272 12.5 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 84.601 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

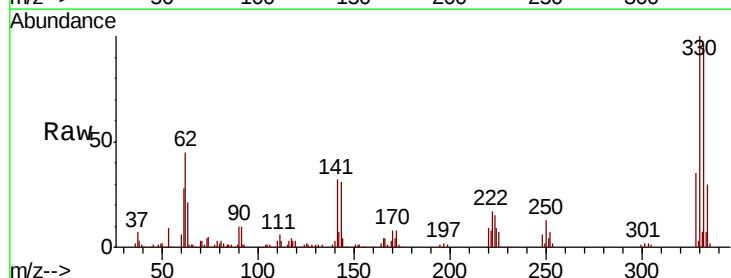
Tgt Ion: 330 Resp: 187997

Ion Ratio Lower Upper

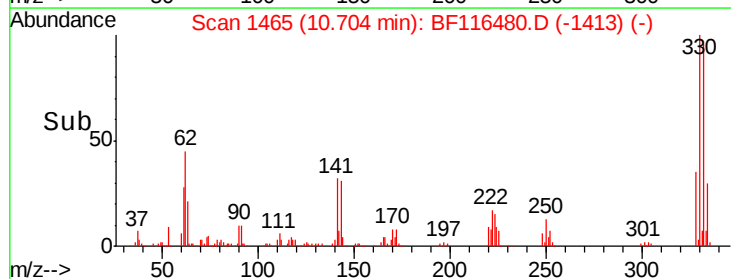
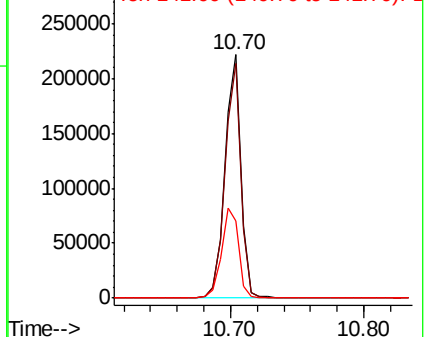
330 100

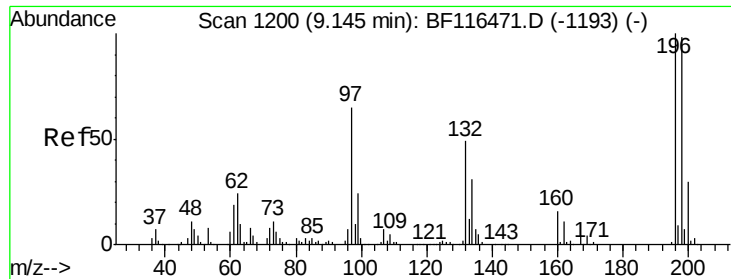
332 96.0 77.2 115.8

141 39.4 33.3 49.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

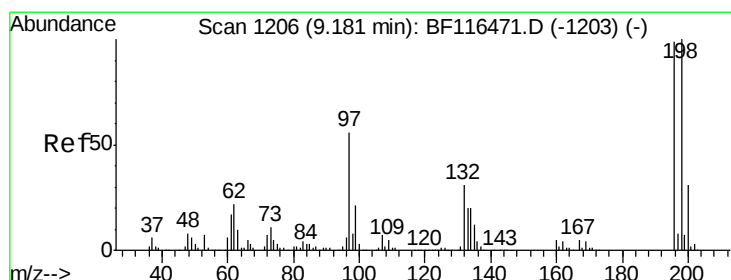
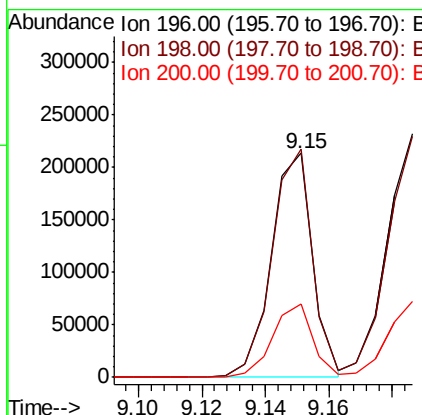
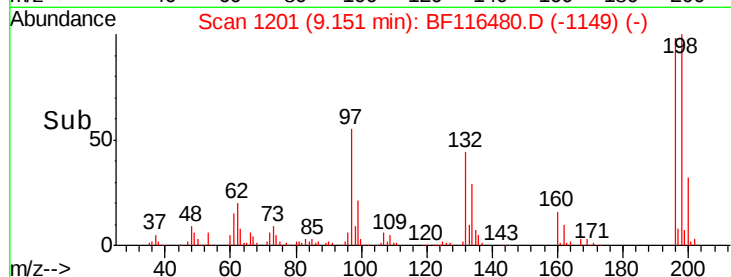
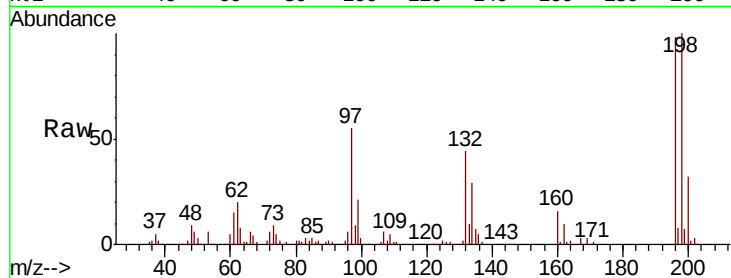




#43
 2,4,6-Trichlorophenol
 Concen: 39.751 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

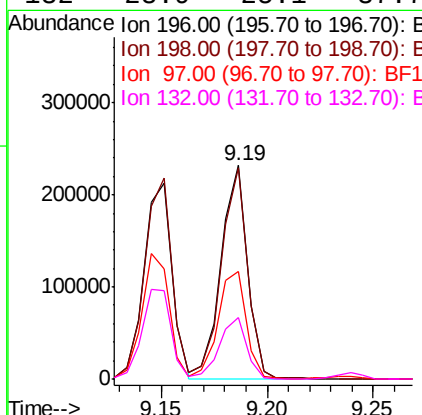
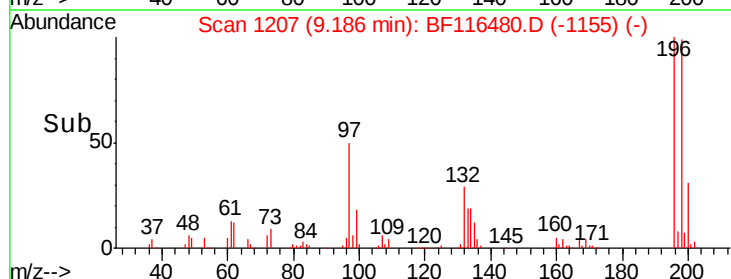
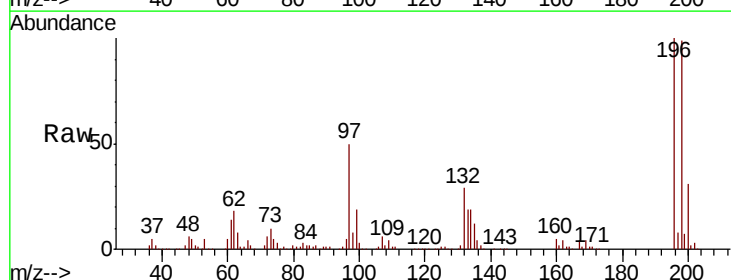
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

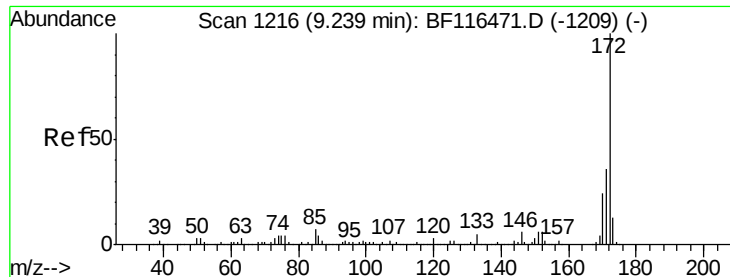
Tgt Ion:196 Resp: 193704
 Ion Ratio Lower Upper
 196 100
 198 102.1 78.0 117.0
 200 32.5 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 40.672 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

Tgt Ion:196 Resp: 201659
 Ion Ratio Lower Upper
 196 100
 198 98.8 80.8 121.2
 97 50.4 45.7 68.5
 132 28.9 25.1 37.7

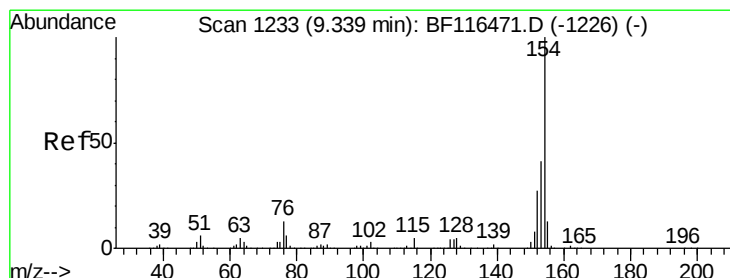
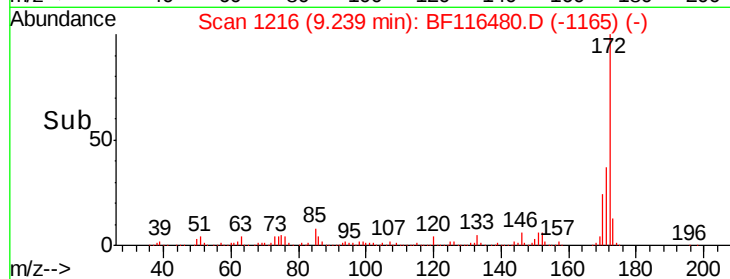
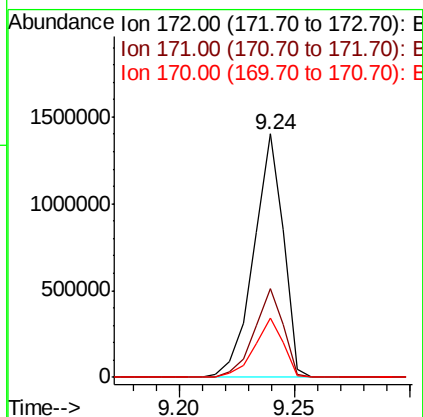
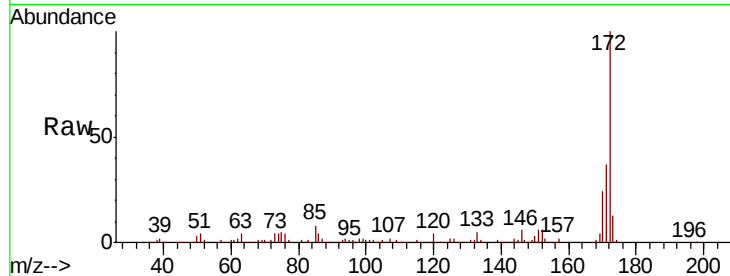




#45
2-Fluorobiphenyl
Concen: 78.102 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

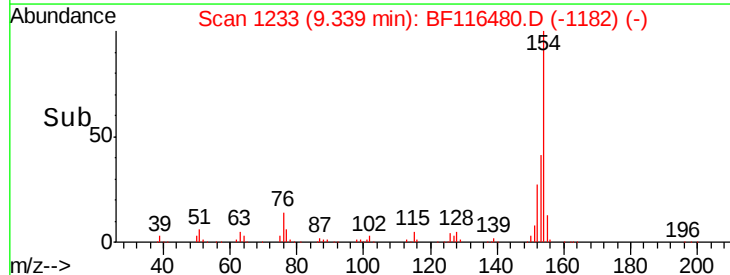
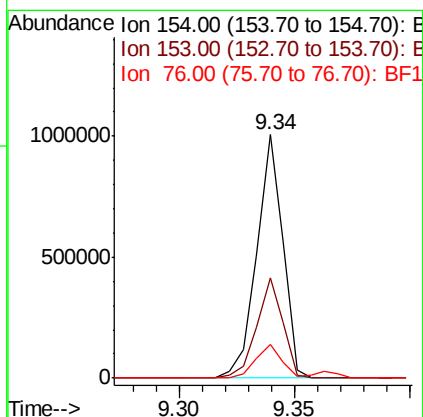
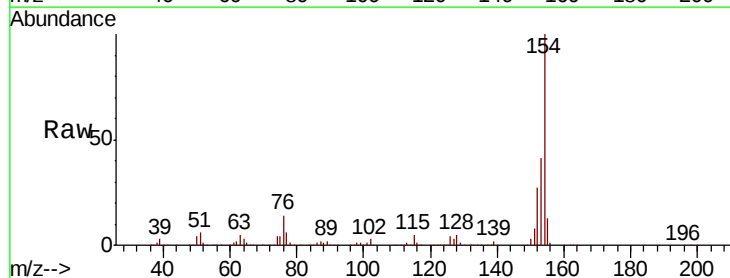
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

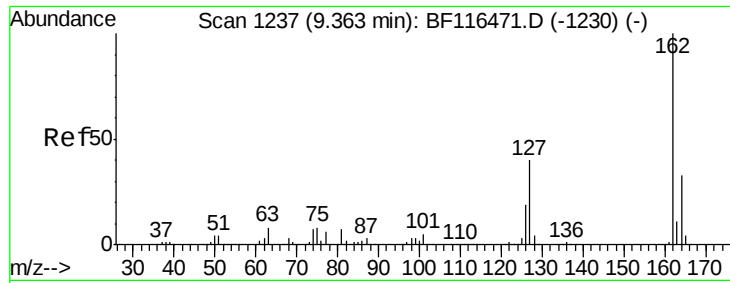
Tgt Ion:172 Resp: 1255089
Ion Ratio Lower Upper
172 100
171 36.6 28.9 43.3
170 24.4 19.4 29.0



#46
1,1'-Biphenyl
Concen: 38.561 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Tgt Ion:154 Resp: 797858
Ion Ratio Lower Upper
154 100
153 41.1 21.3 61.3
76 14.0 0.0 32.9

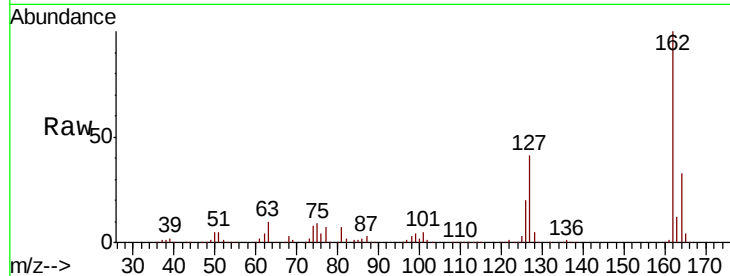




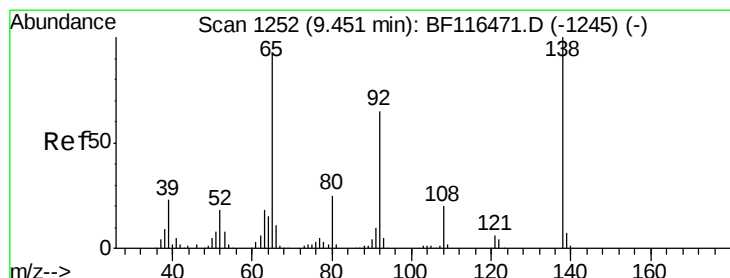
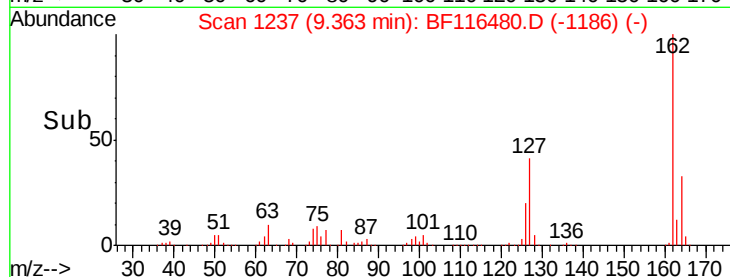
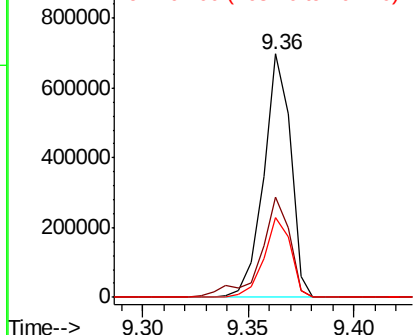
#47
 2-Chloronaphthalene
 Concen: 38.597 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.5	48.7
164	33.0	26.7	40.1

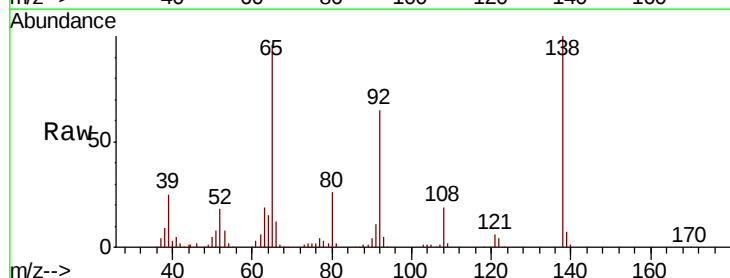


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

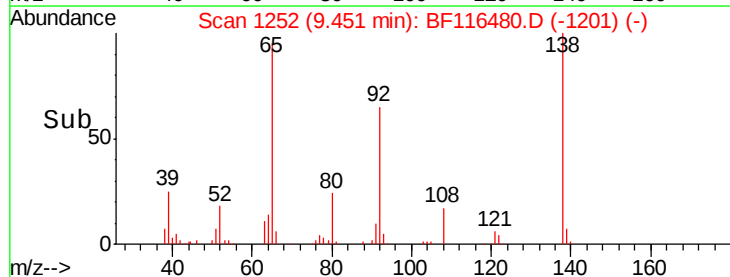
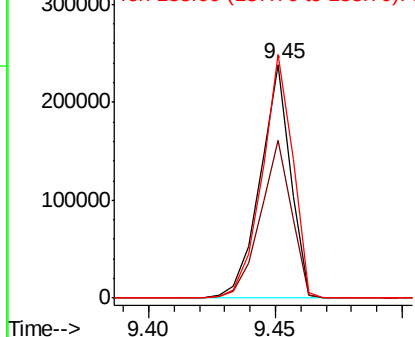


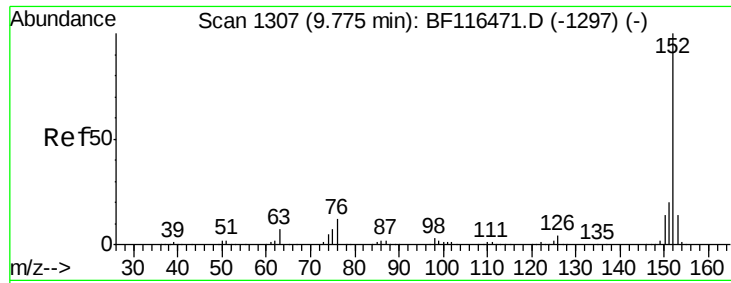
#48
 2-Nitroaniline
 Concen: 40.197 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	56.2	84.2
138	104.1	86.0	129.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.547 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

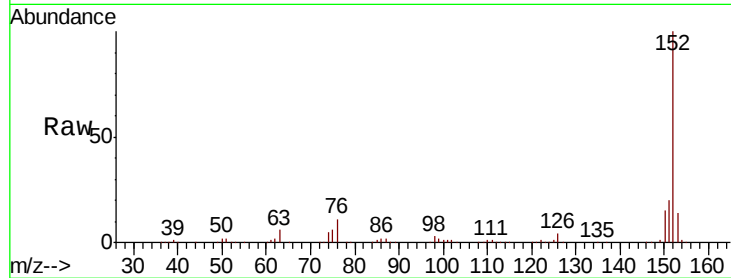
Tgt Ion:152 Resp: 928084

Ion Ratio Lower Upper

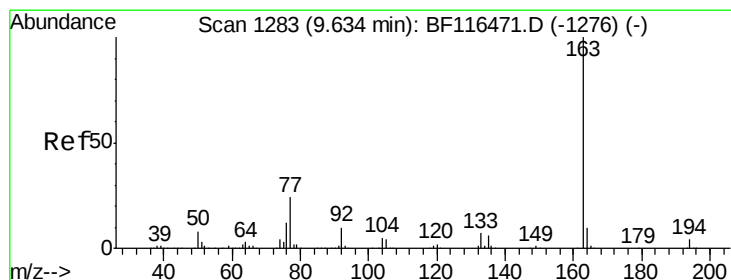
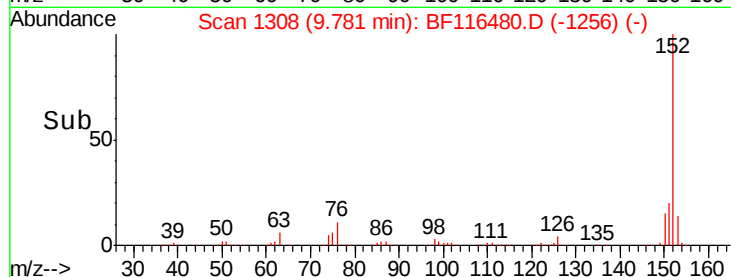
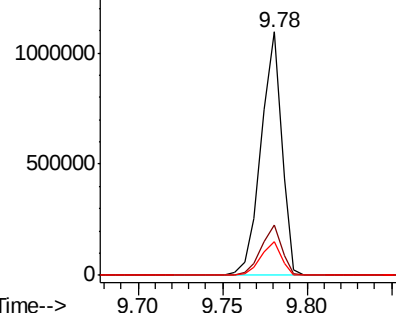
152 100

151 20.5 16.1 24.1

153 13.7 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.586 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

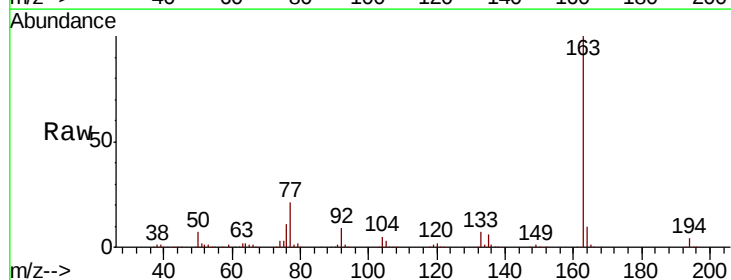
Tgt Ion:163 Resp: 696710

Ion Ratio Lower Upper

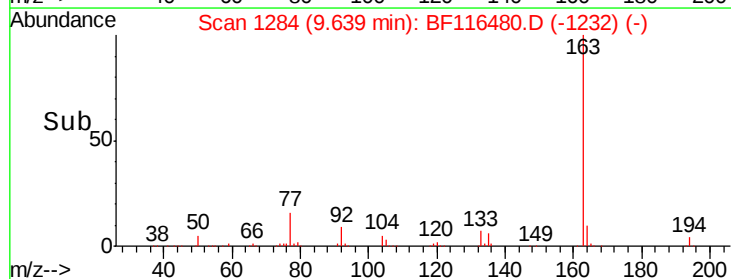
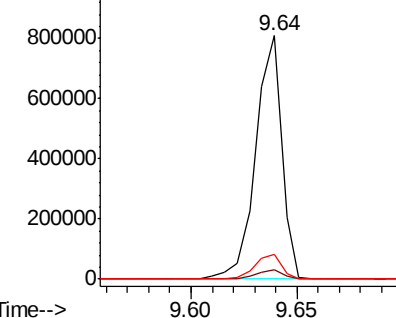
163 100

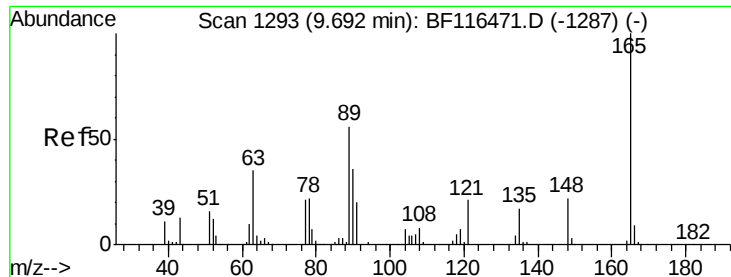
194 3.9 2.9 4.3

164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.238 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

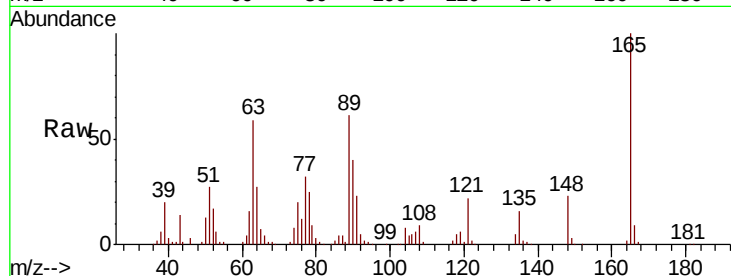
Tgt Ion:165 Resp: 152404

Ion Ratio Lower Upper

165 100

63 59.3 43.7 65.5

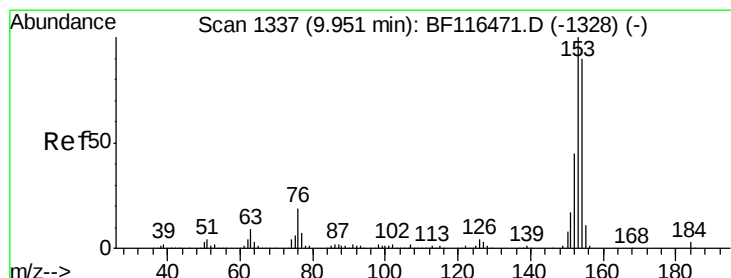
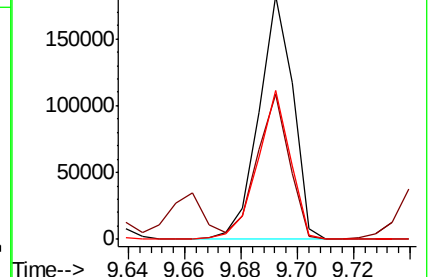
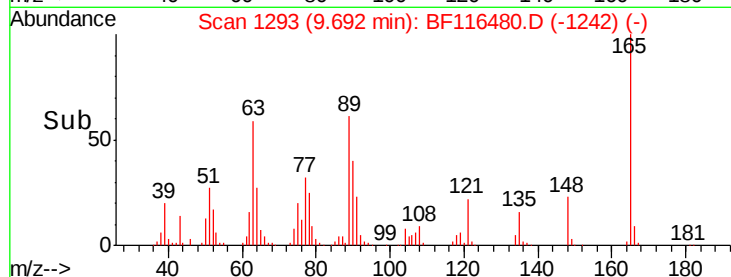
89 61.3 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.418 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

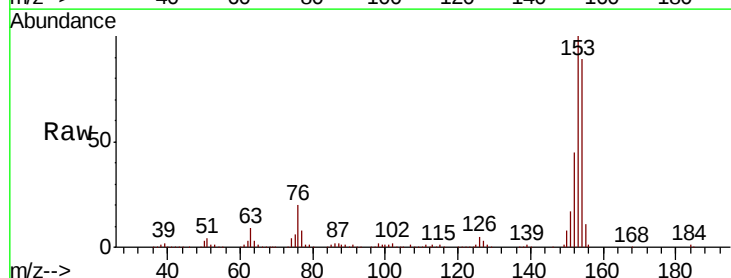
Tgt Ion:154 Resp: 593593

Ion Ratio Lower Upper

154 100

153 112.2 89.3 133.9

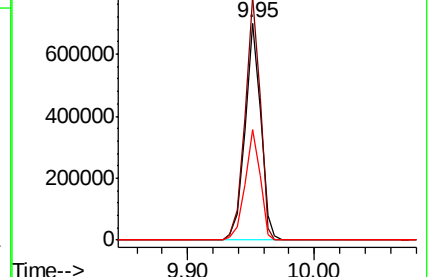
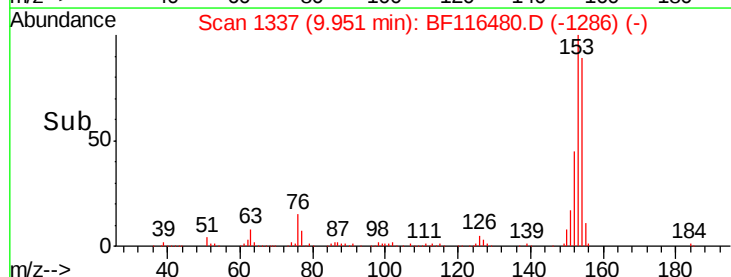
152 51.1 40.2 60.4

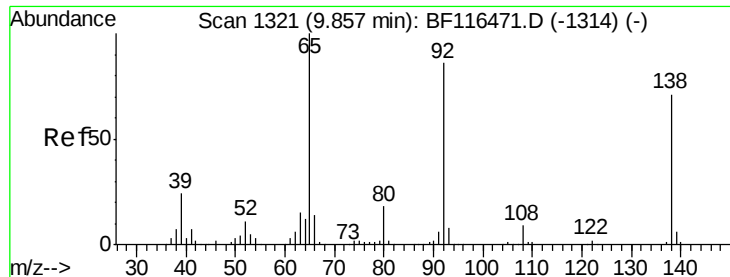


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

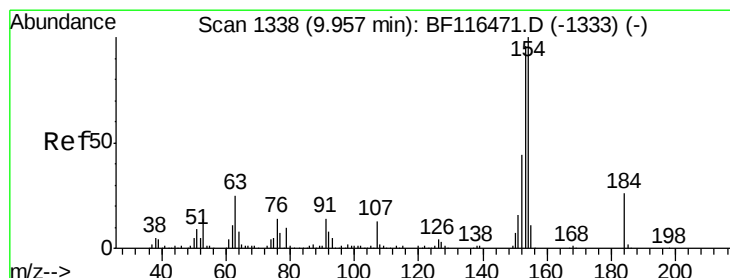
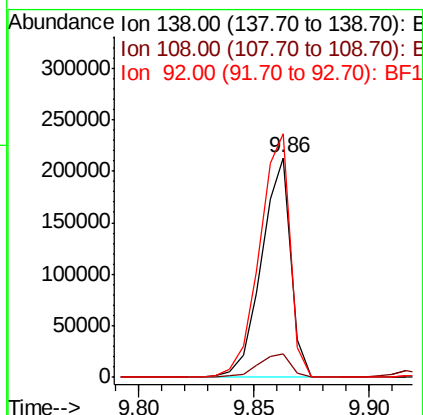
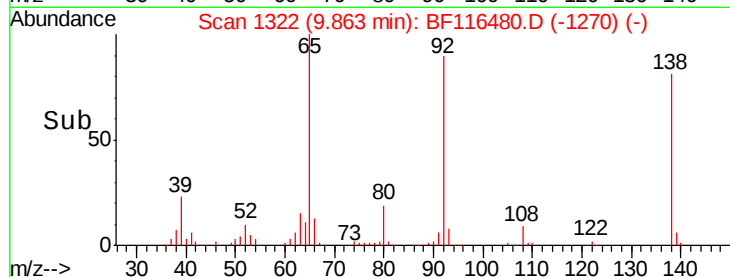
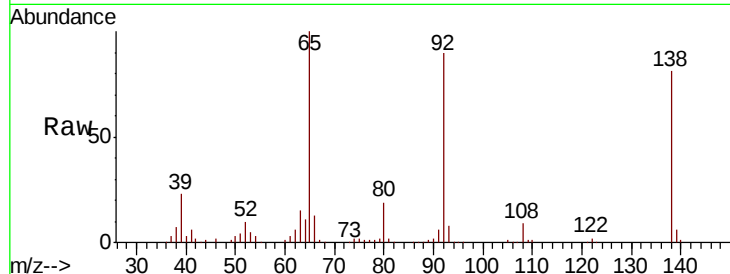




#53
3-Nitroaniline
Concen: 42.669 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

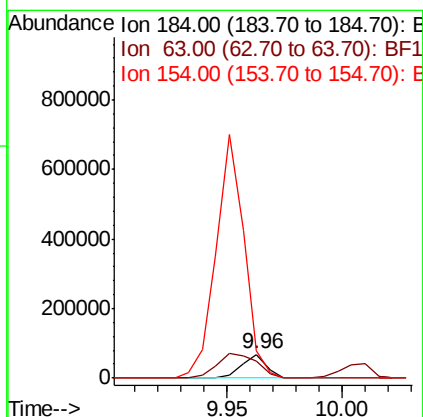
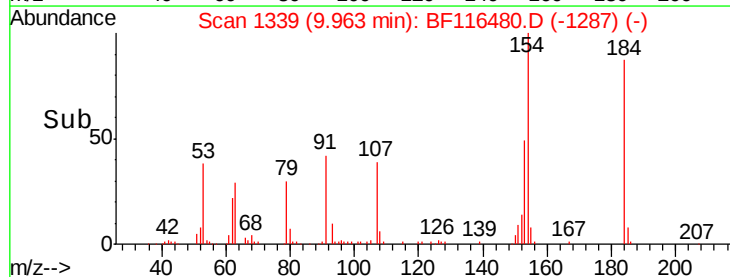
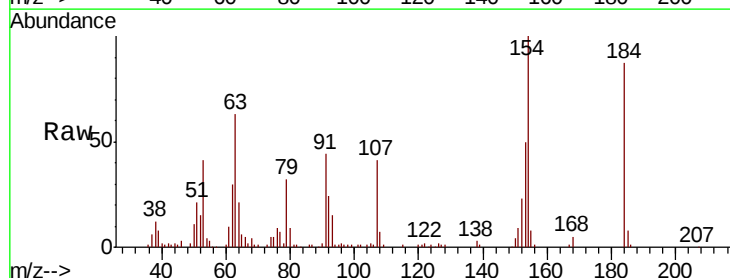
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

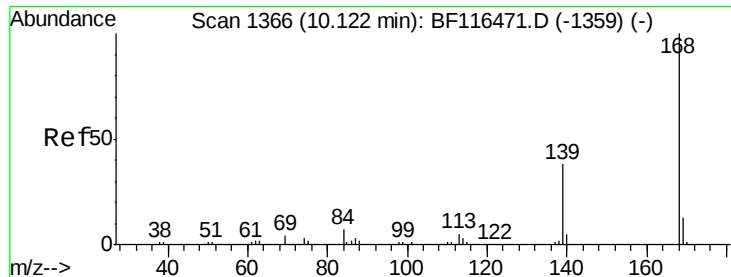
Tgt Ion:138 Resp: 187974
Ion Ratio Lower Upper
138 100
108 10.8 10.0 15.0
92 110.8 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 41.347 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Tgt Ion:184 Resp: 53252
Ion Ratio Lower Upper
184 100
63 72.5 78.2 117.4#
154 114.5 320.4 480.6#

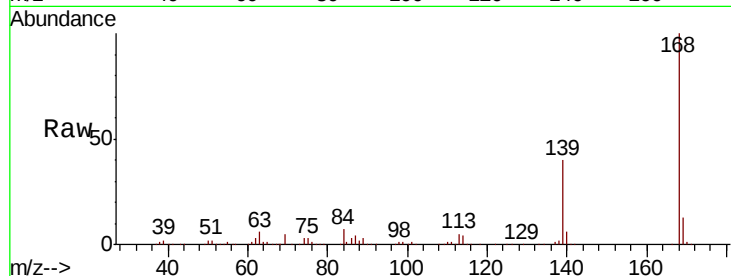




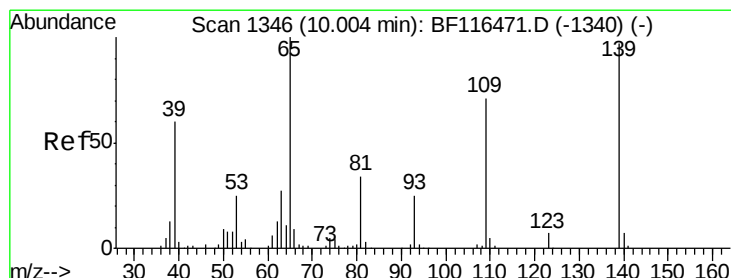
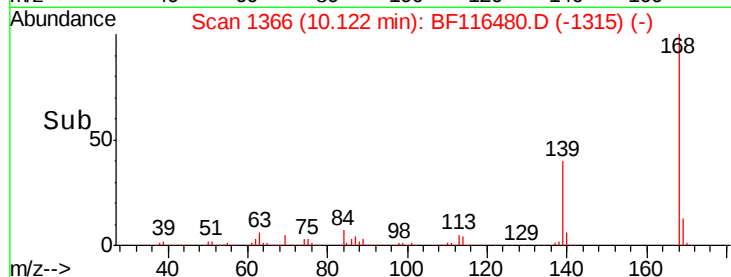
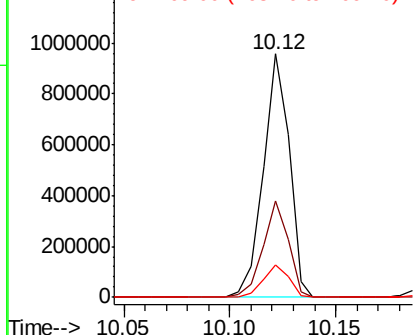
#55
Dibenzenofuran
Concen: 39.136 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 821512
Ion Ratio Lower Upper
168 100
139 39.6 30.7 46.1
169 13.4 10.7 16.1

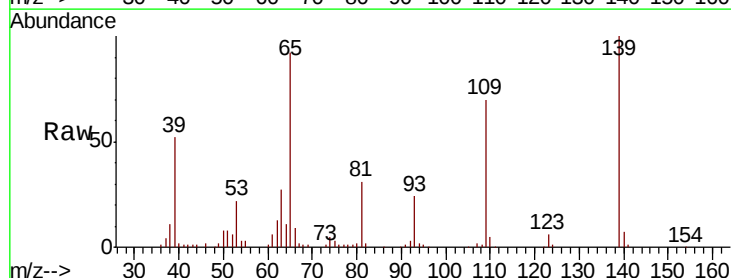


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

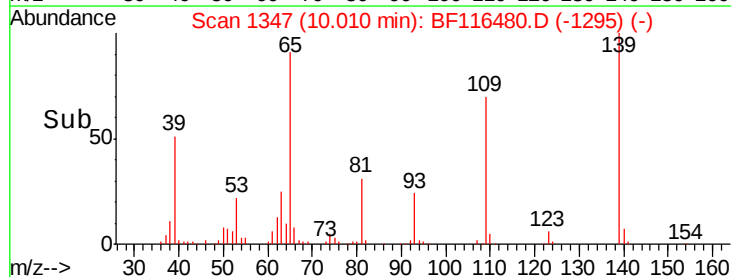
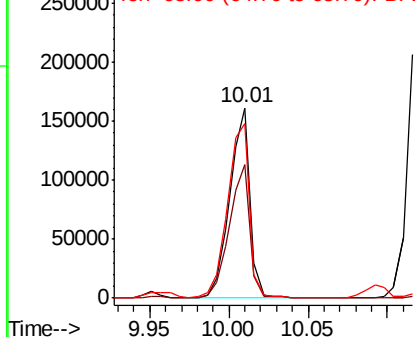


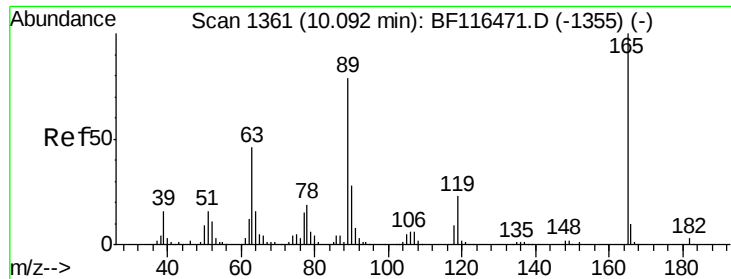
#56
4-Nitrophenol
Concen: 41.689 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Tgt Ion:139 Resp: 142747
Ion Ratio Lower Upper
139 100
109 70.5 53.4 93.4
65 91.7 83.0 123.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

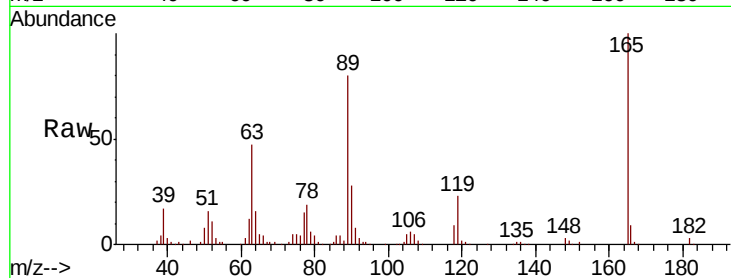




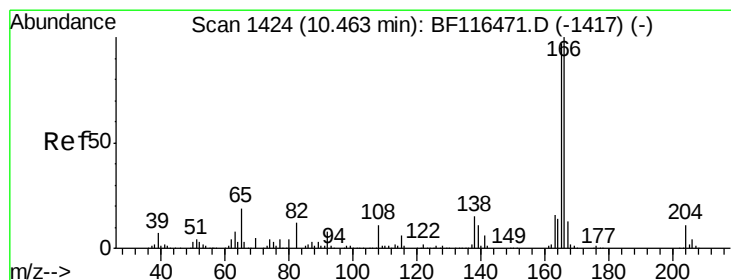
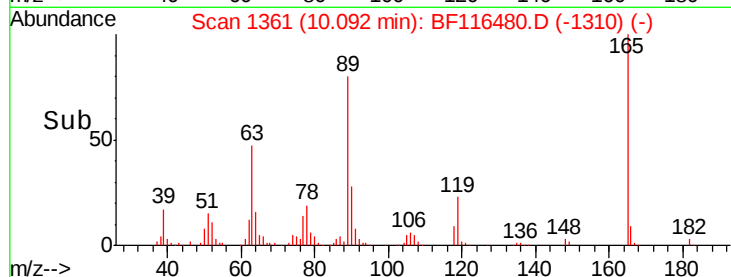
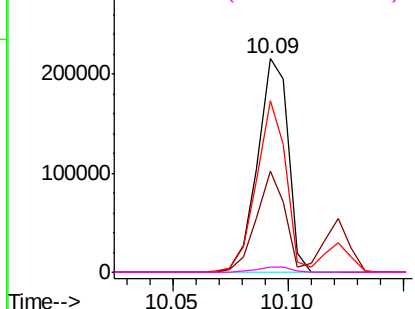
#57
2,4-Dinitrotoluene
Concen: 42.507 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	165	Resp:	199899
Ion	Ratio	Lower	Upper
165	100		
63	47.5	36.9	55.3
89	80.0	63.4	95.0
182	2.6	2.1	3.1

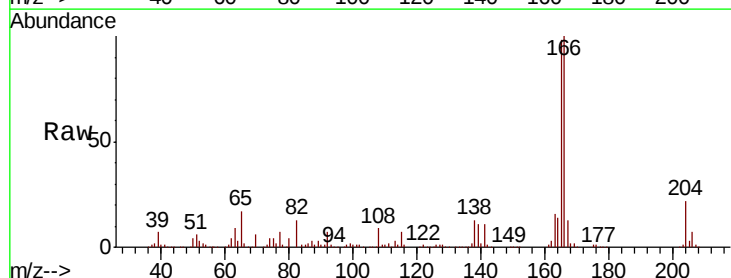


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

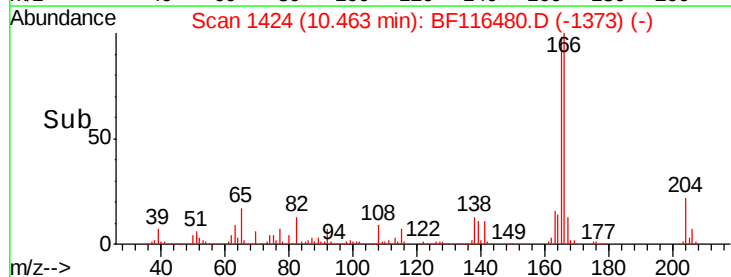
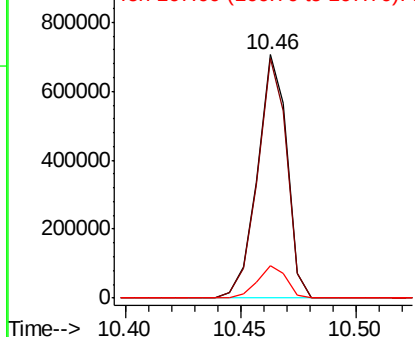


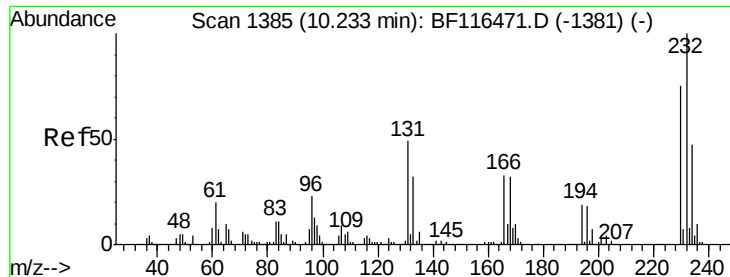
#58
Fluorene
Concen: 38.684 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Tgt Ion:	166	Resp:	630899
Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.4	116.0
167	13.5	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

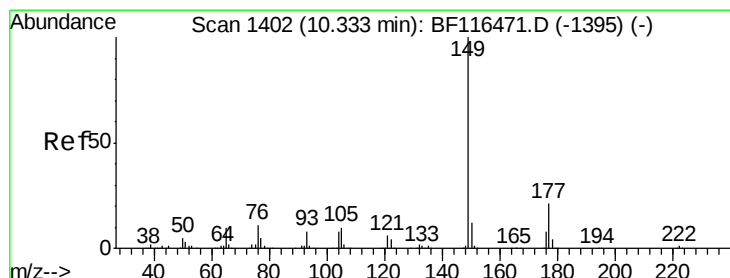
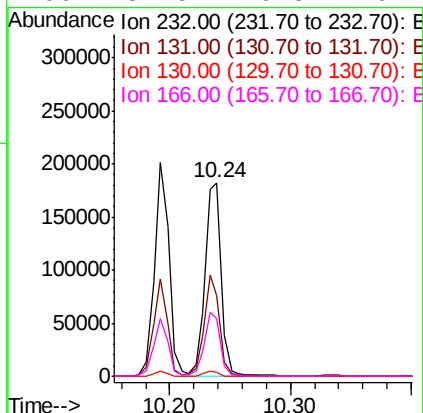
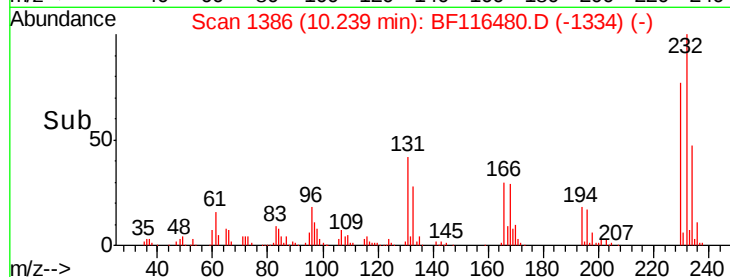
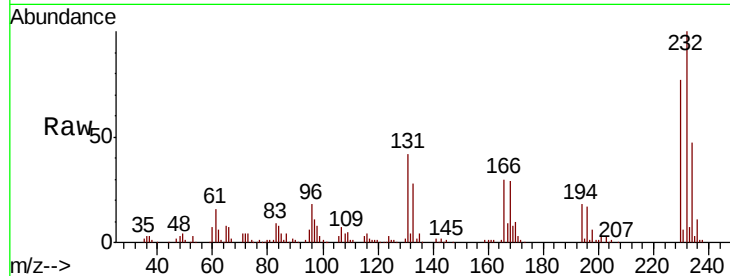




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.915 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

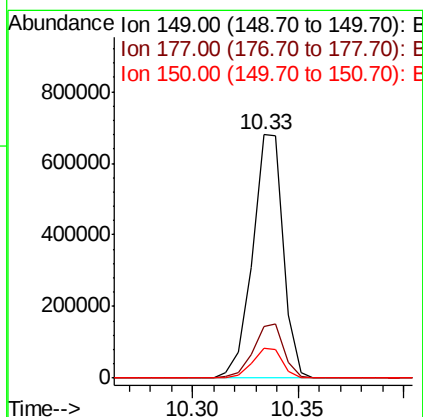
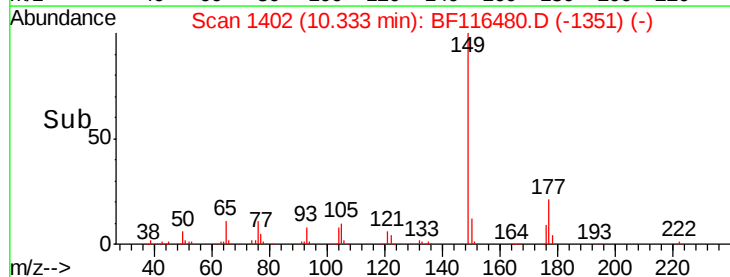
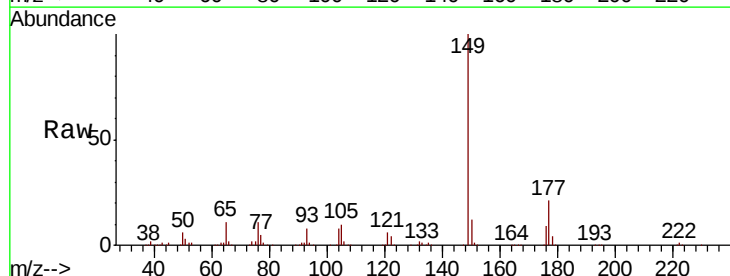
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

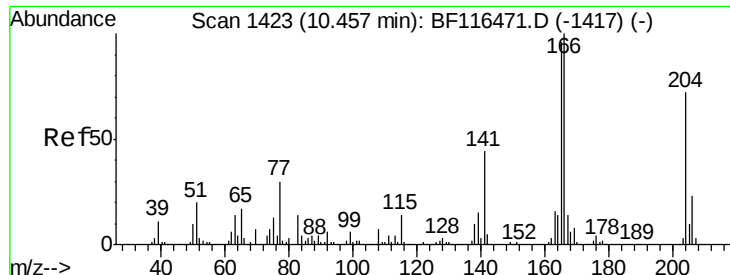
Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.1	40.8	61.2
130	2.4	1.8	2.8
166	32.5	26.8	40.2



#60
 Diethylphthalate
 Concen: 38.755 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.1	25.7
150	12.5	9.8	14.6

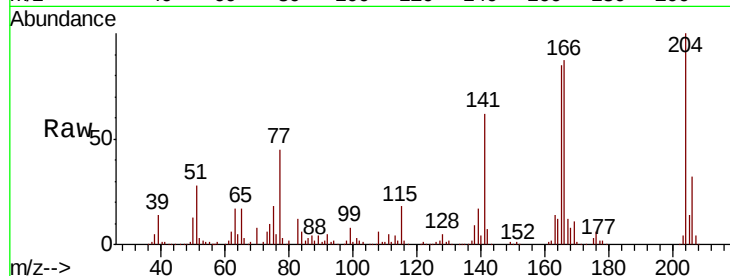




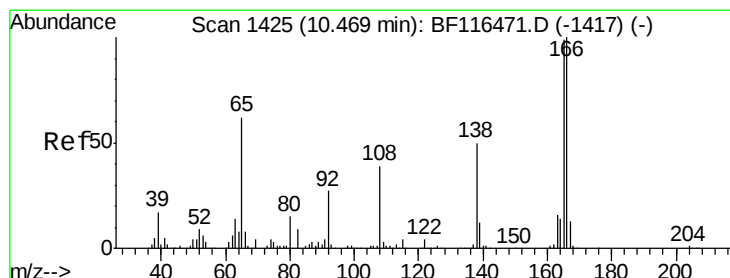
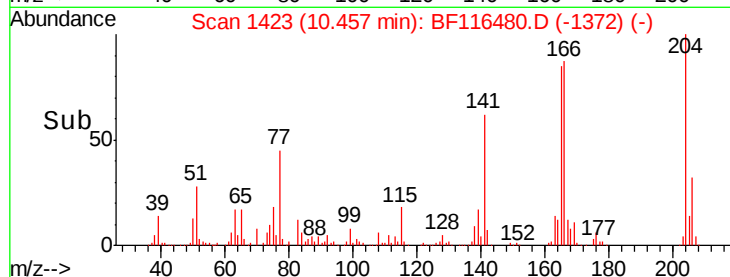
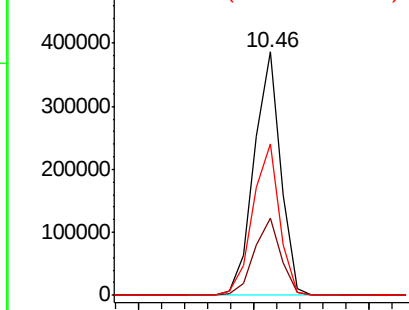
#61
 4-Chlorophenyl-phenylether
 Concen: 39.064 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:204 Resp: 310808
 Ion Ratio Lower Upper
 204 100
 206 31.9 25.9 38.9
 141 62.0 48.6 73.0

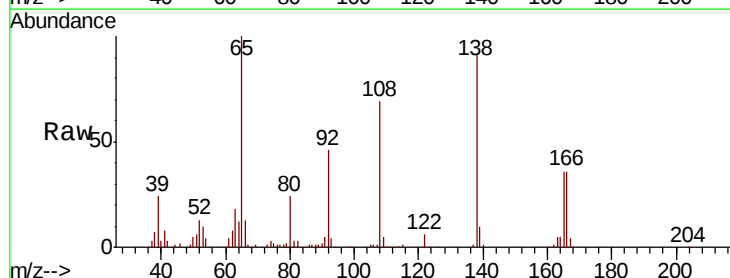


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

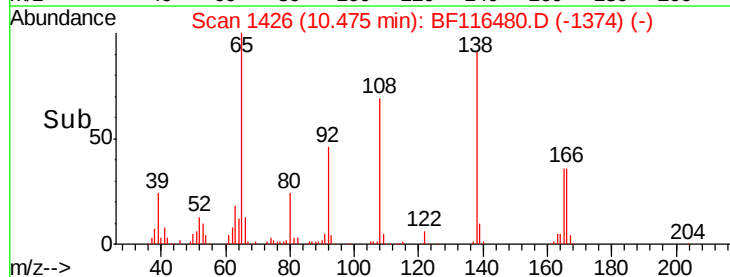
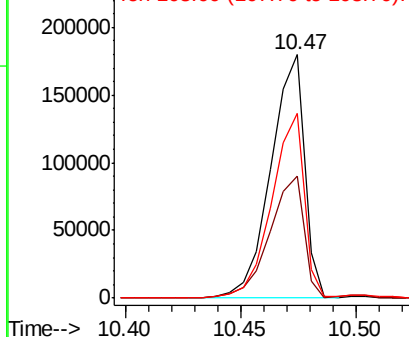


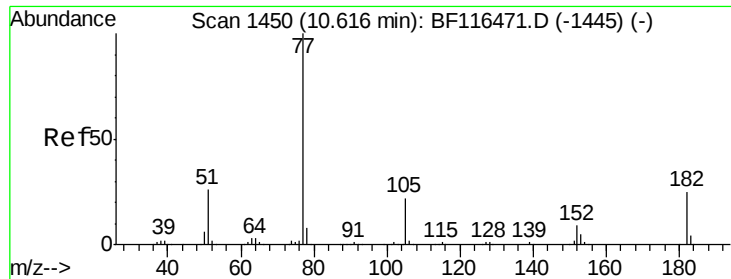
#62
 4-Nitroaniline
 Concen: 42.151 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

Tgt Ion:138 Resp: 181608
 Ion Ratio Lower Upper
 138 100
 92 50.2 34.9 74.9
 108 75.7 57.7 97.7



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.183 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 714963

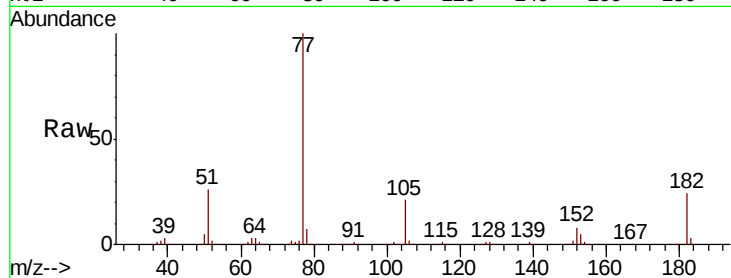
Ion Ratio Lower Upper

77 100

182 23.9 5.4 45.4

105 21.5 1.6 41.6

51 26.4 6.2 46.2

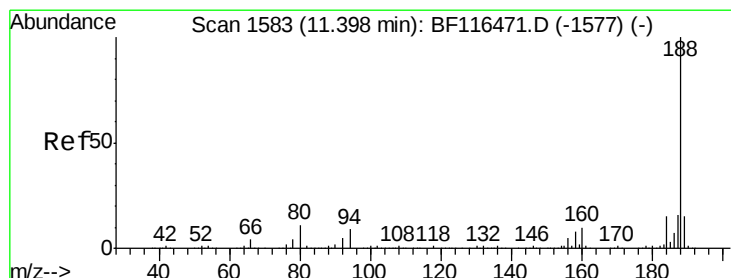
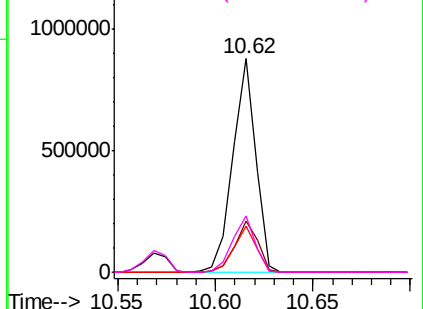
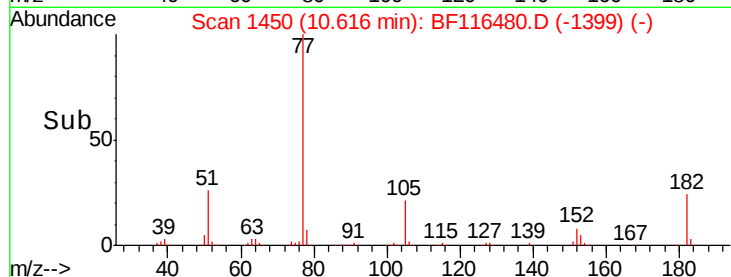


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

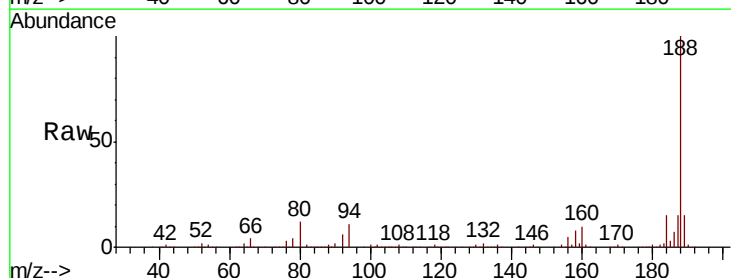
Tgt Ion: 188 Resp: 451594

Ion Ratio Lower Upper

188 100

94 10.7 7.4 11.2

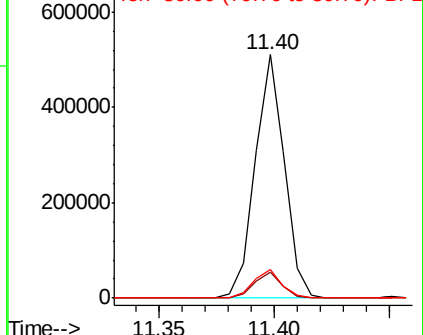
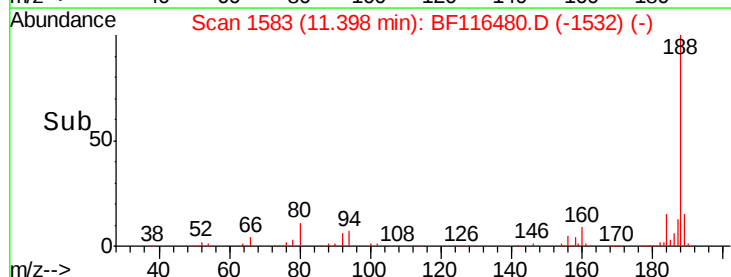
80 11.7 8.6 12.8

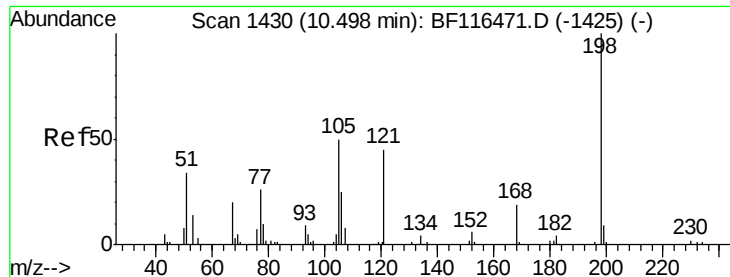


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

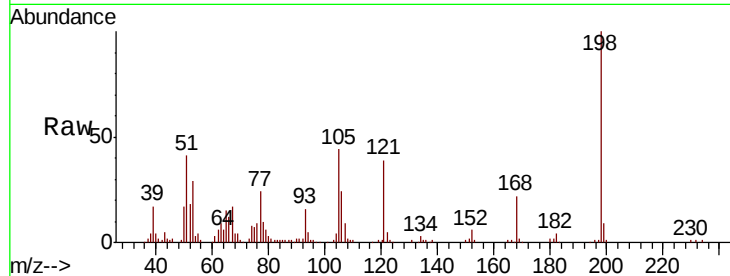




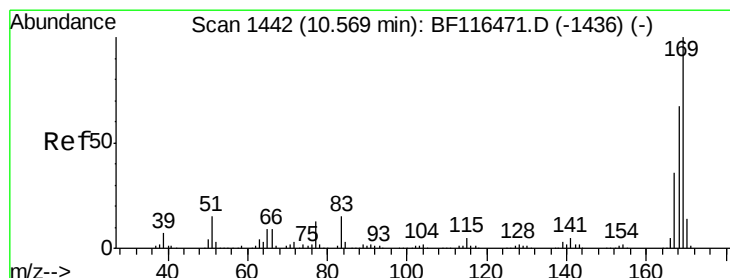
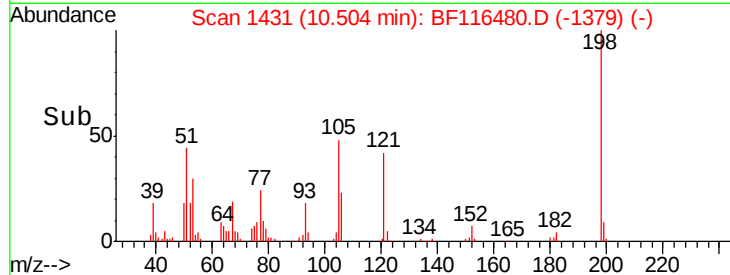
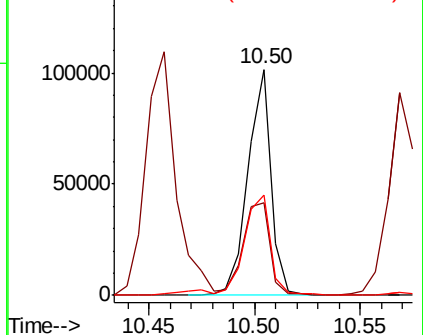
#65
4,6-Dinitro-2-methylphenol
Concen: 42.752 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 77506
Ion Ratio Lower Upper
198 100
51 40.7 30.4 70.4
105 44.4 32.8 72.8

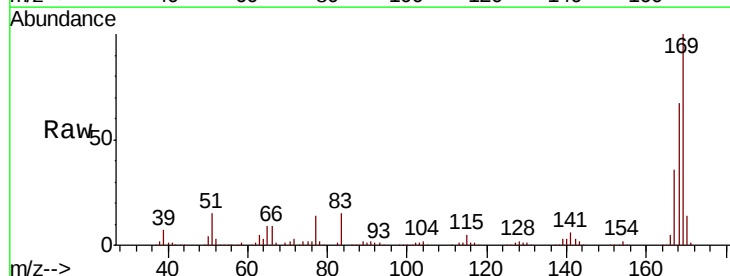


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

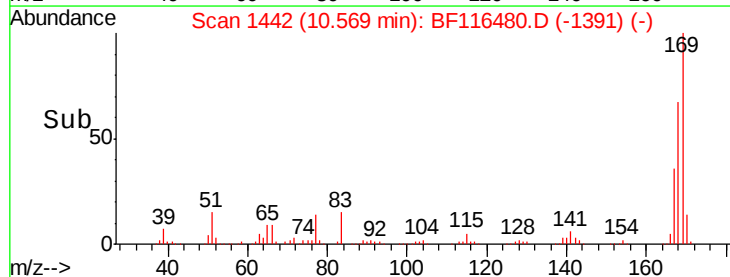
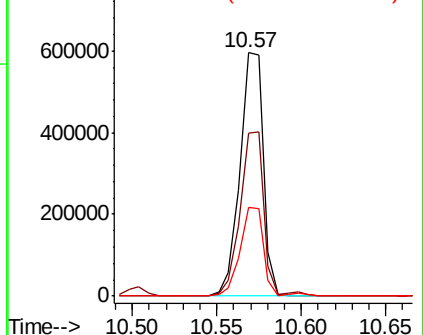


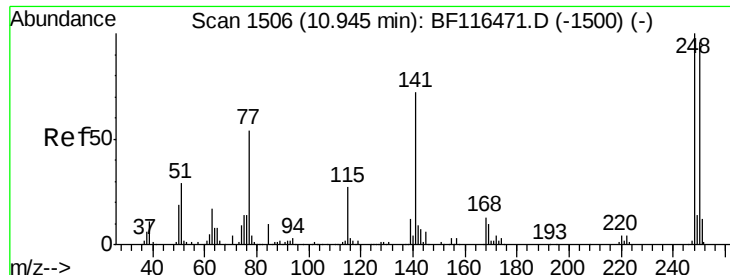
#66
n-Nitrosodiphenylamine
Concen: 39.234 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Tgt Ion:169 Resp: 573703
Ion Ratio Lower Upper
169 100
168 67.1 53.6 80.4
167 36.3 28.7 43.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 39.673 ng

RT: 10.95 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

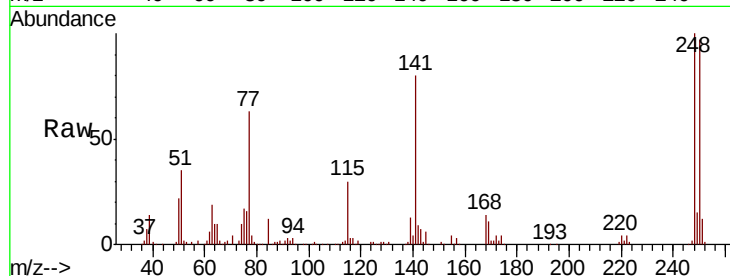
Tgt Ion:248 Resp: 187829

Ion Ratio Lower Upper

248 100

250 97.2 77.0 115.6

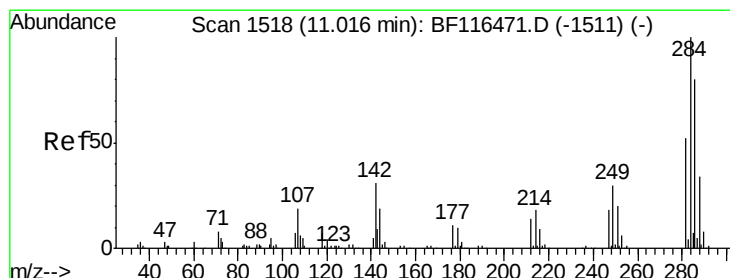
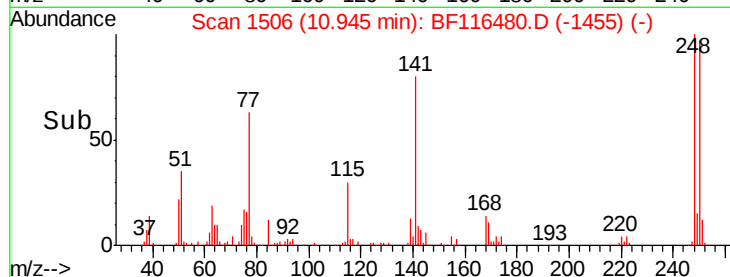
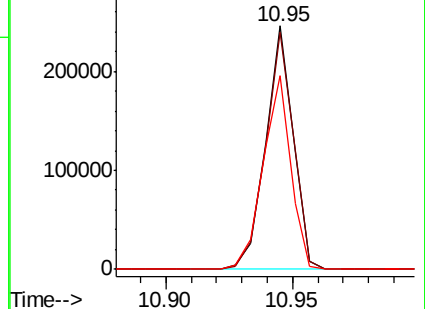
141 79.5 57.4 86.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 39.598 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

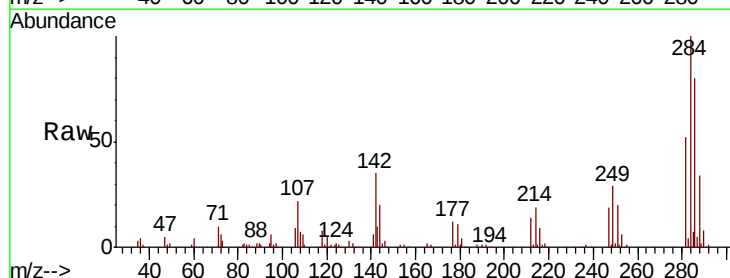
Tgt Ion:284 Resp: 207356

Ion Ratio Lower Upper

284 100

142 35.2 24.6 36.8

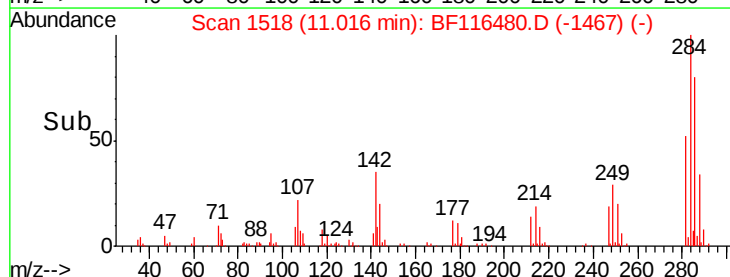
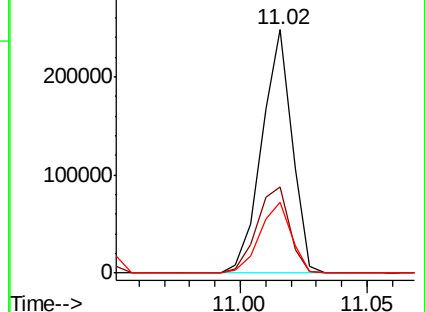
249 29.1 24.1 36.1

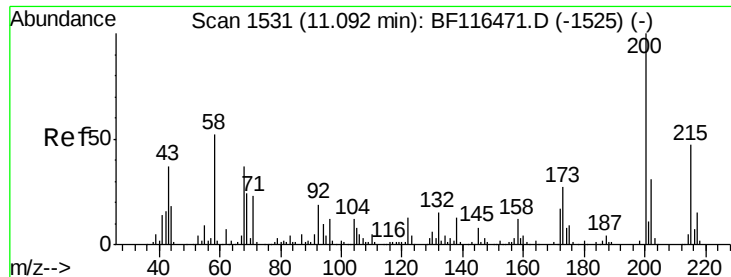


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

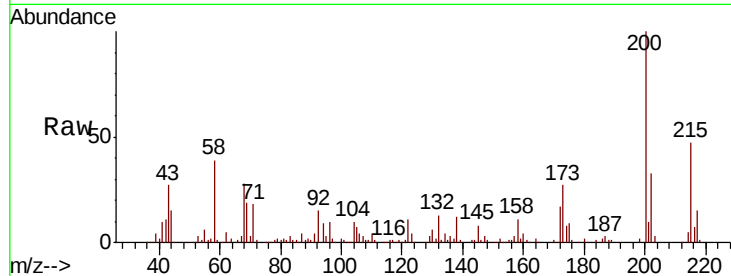




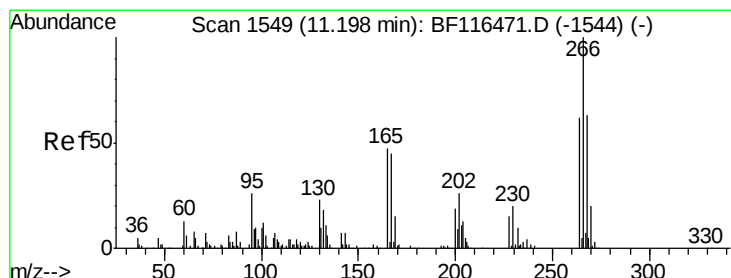
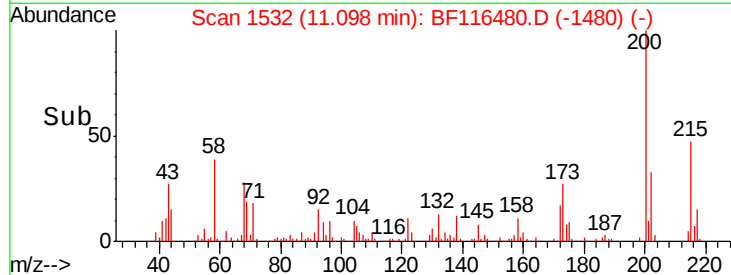
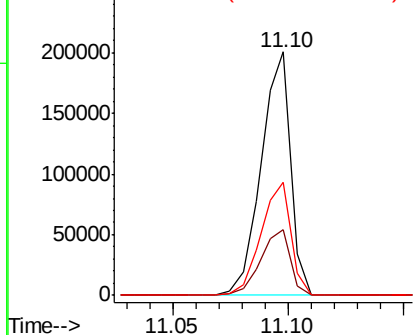
#69
Atrazine
Concen: 40.776 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 178645
Ion Ratio Lower Upper
200 100
173 27.0 7.3 47.3
215 46.6 26.7 66.7

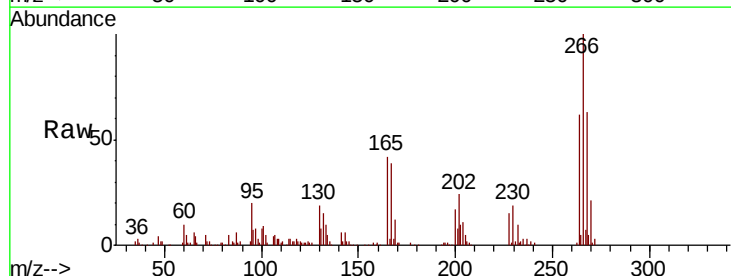


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

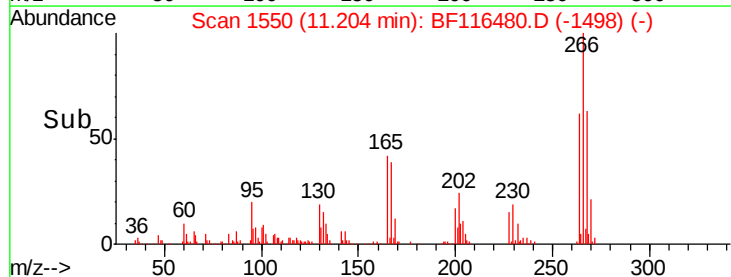
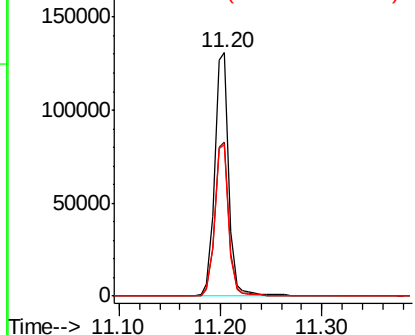


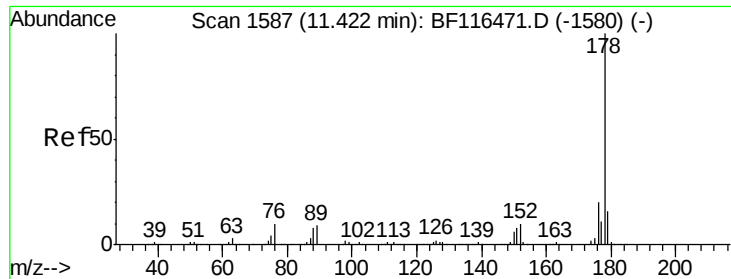
#70
Pentachlorophenol
Concen: 41.741 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Tgt Ion:266 Resp: 127526
Ion Ratio Lower Upper
266 100
268 63.3 50.7 76.1
264 62.1 50.0 75.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

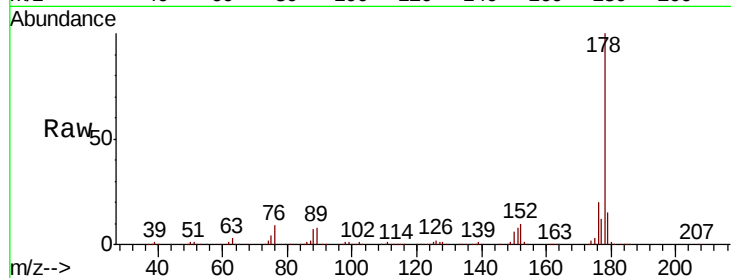




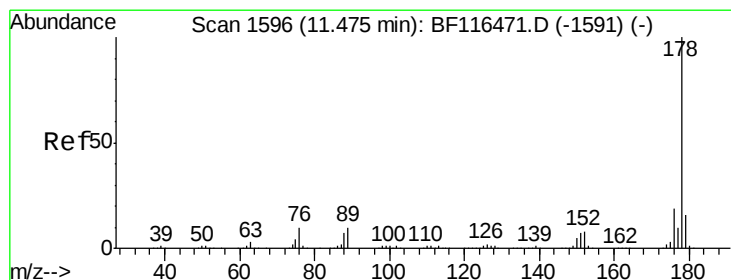
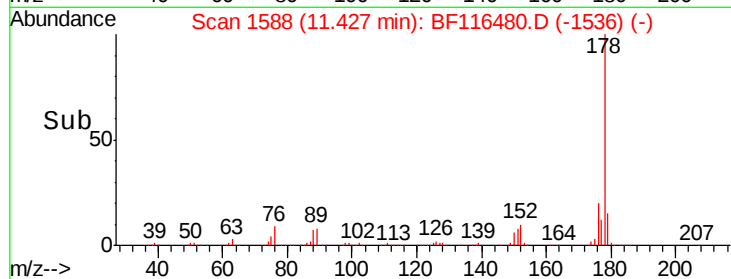
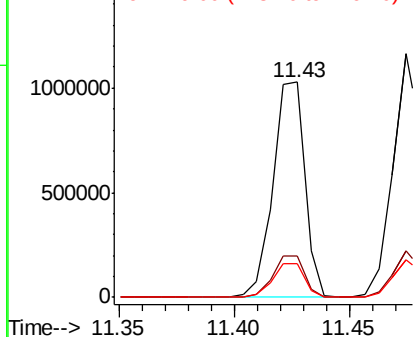
#71
Phenanthrene
Concen: 39.920 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 982074
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.5 12.8 19.2

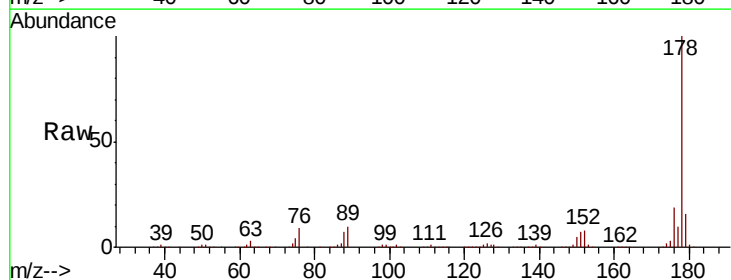


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

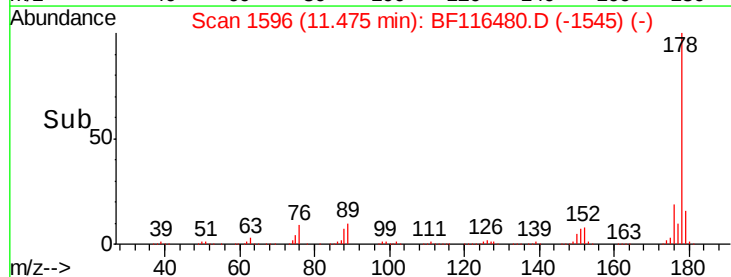
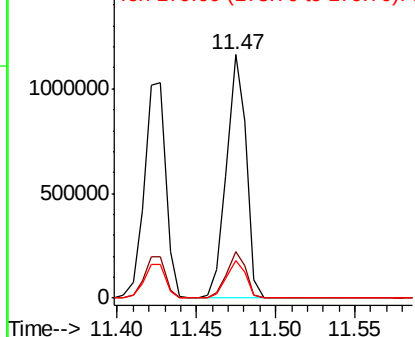


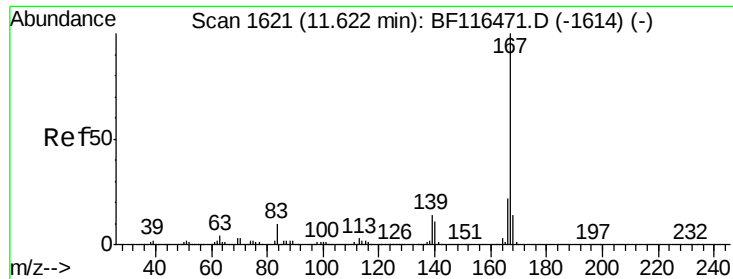
#72
Anthracene
Concen: 40.491 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Tgt Ion:178 Resp: 1000957
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

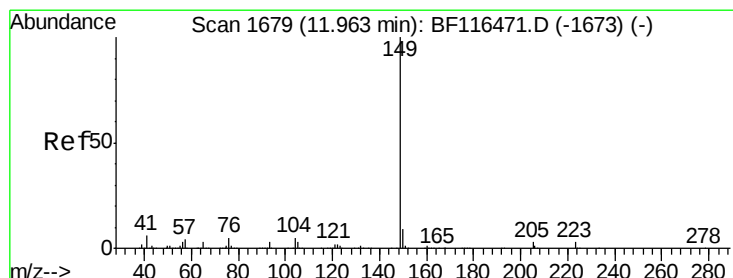
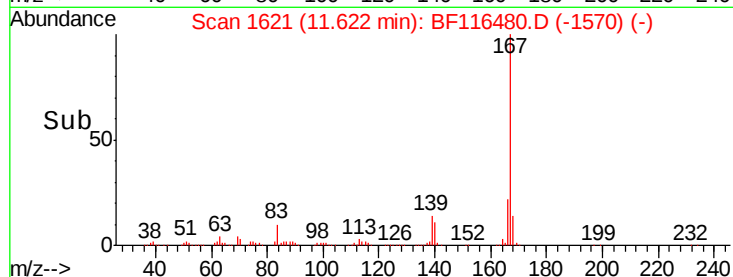
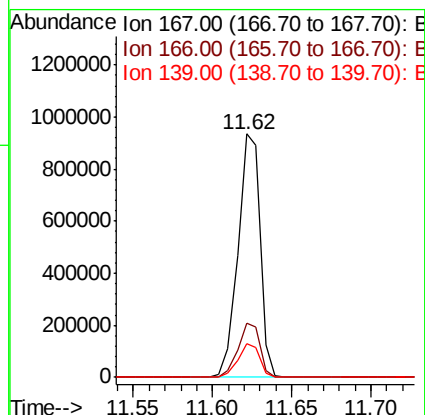
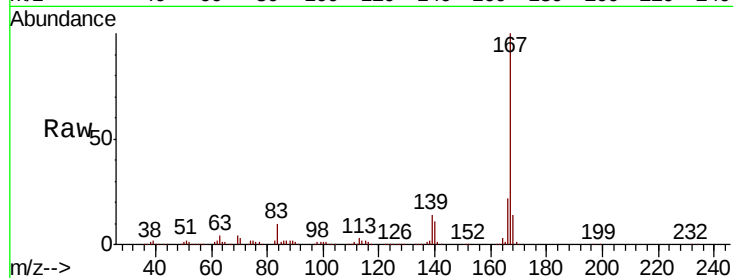




#73
 Carbazole
 Concen: 40.543 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

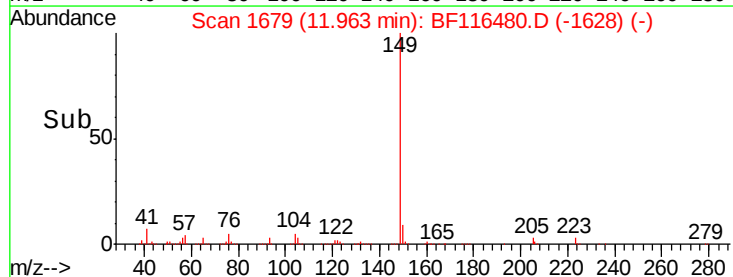
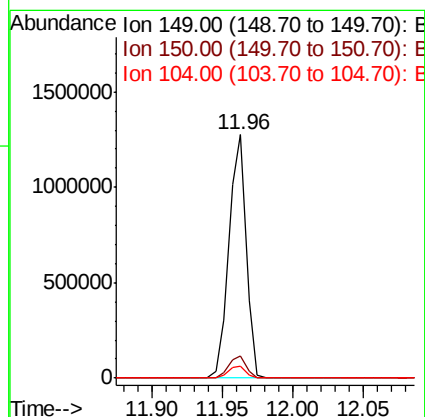
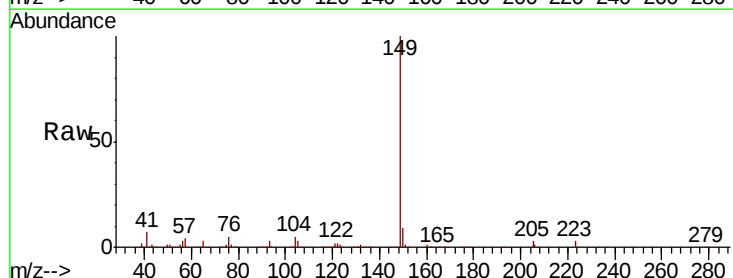
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

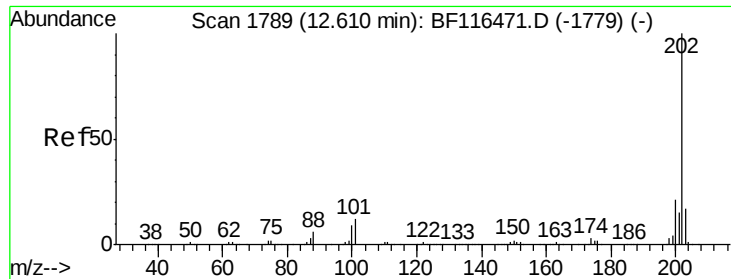
Tgt Ion:167 Resp: 899640
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 14.1 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 39.210 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

Tgt Ion:149 Resp: 1078125
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.1 4.1 6.1

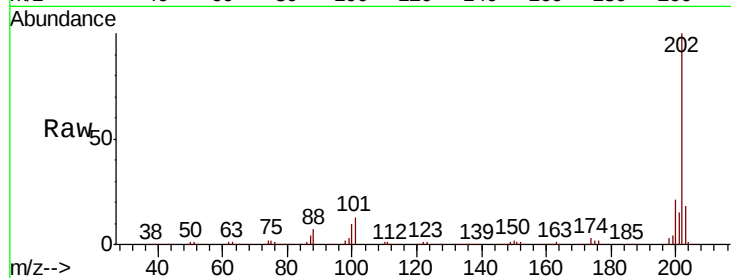




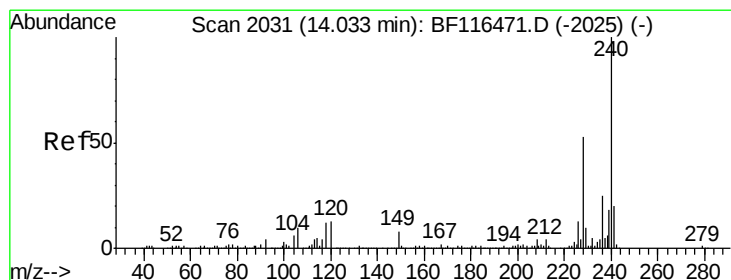
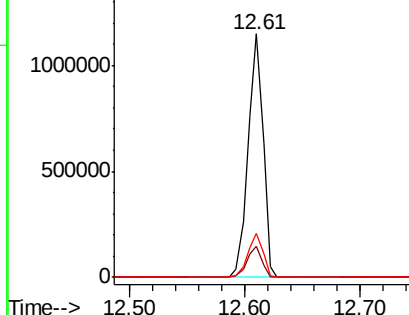
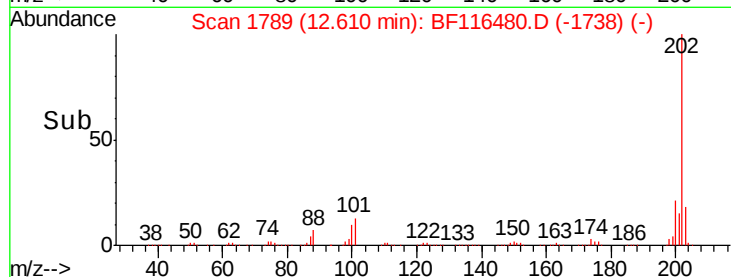
#75
 Fluoranthene
 Concen: 40.251 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 202 Resp: 1023749
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 31.5
 203 18.0 0.0 37.5

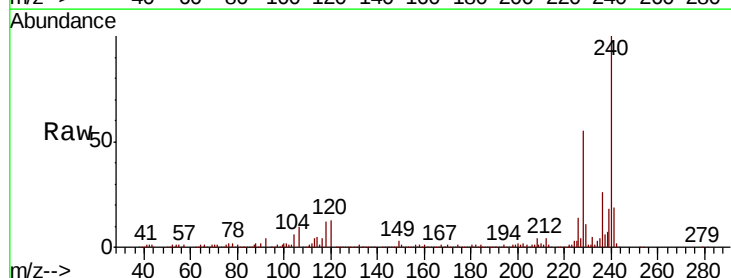


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

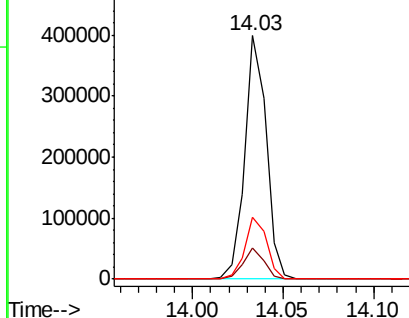
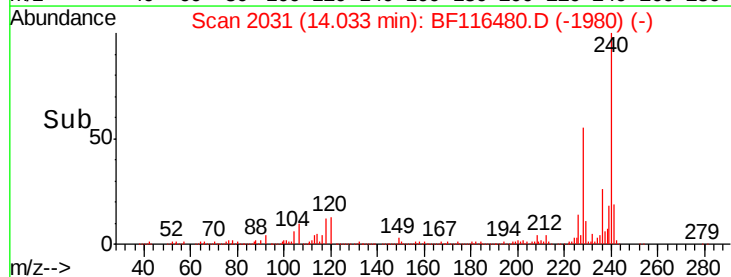


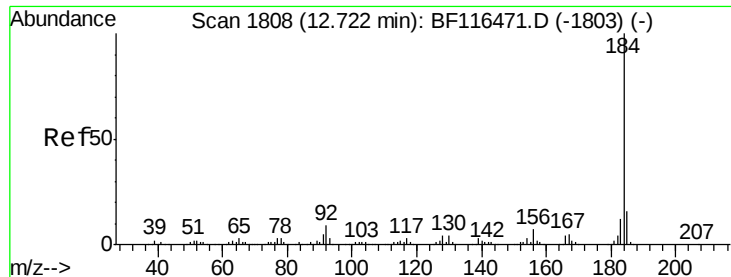
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

Tgt Ion: 240 Resp: 328509
 Ion Ratio Lower Upper
 240 100
 120 12.6 10.5 15.7
 236 25.5 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.683 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

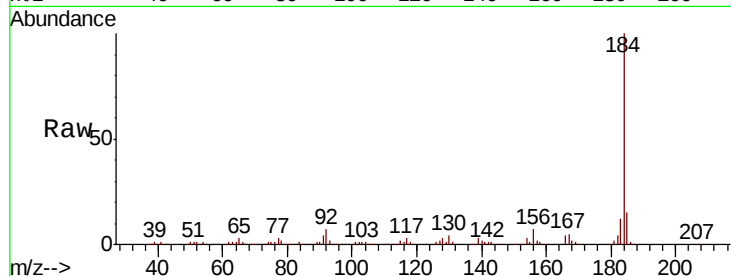
Tgt Ion:184 Resp: 550920

Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.4

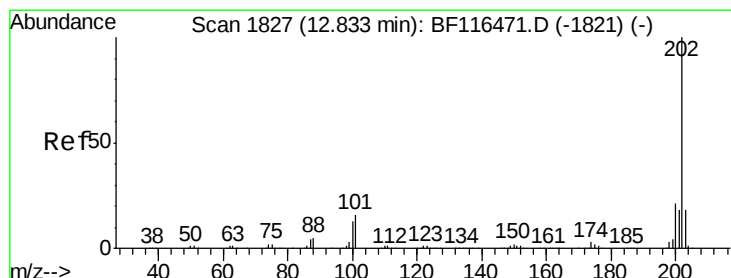
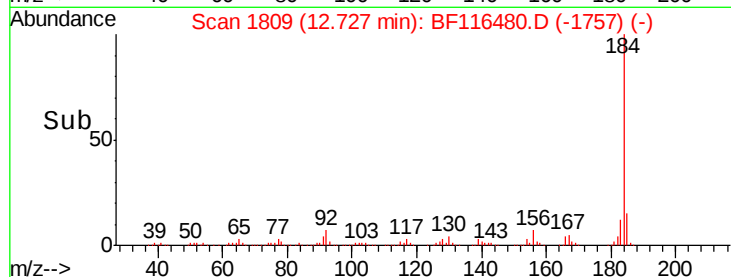
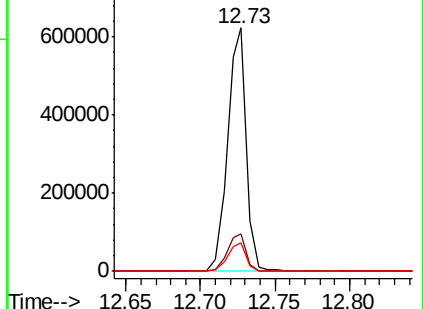
183 11.9 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.728 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

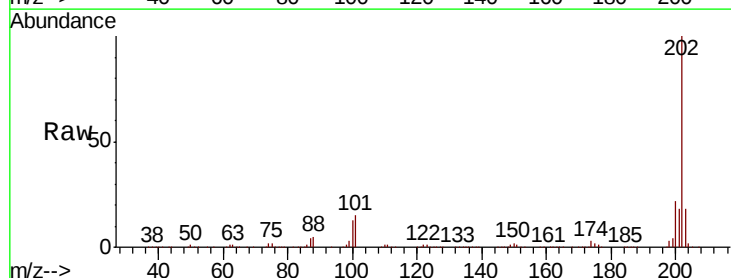
Tgt Ion:202 Resp: 1043712

Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.4

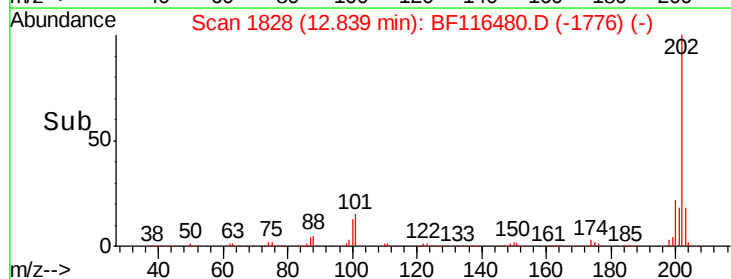
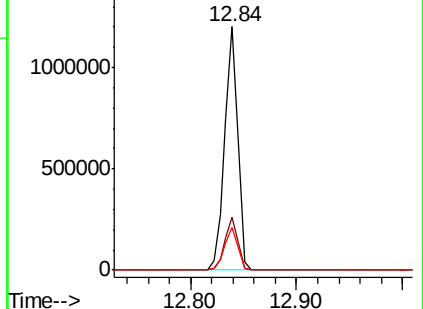
203 17.7 14.2 21.4

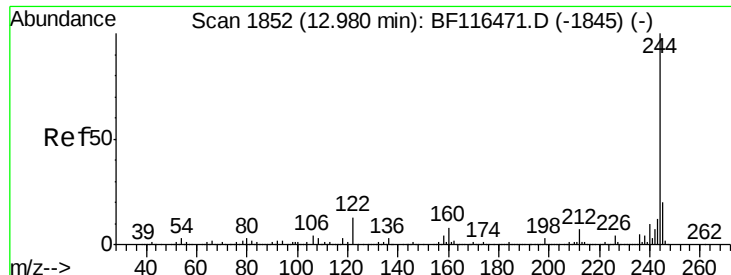


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

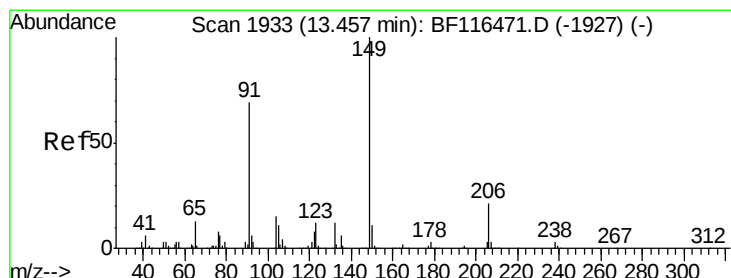
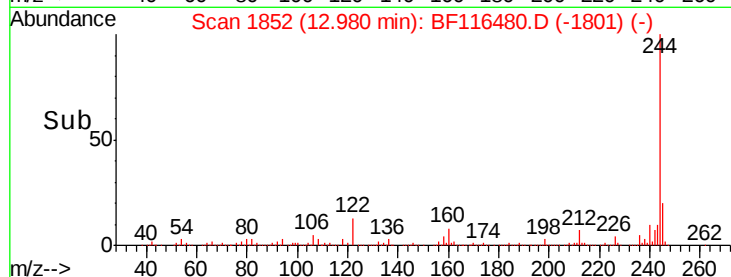
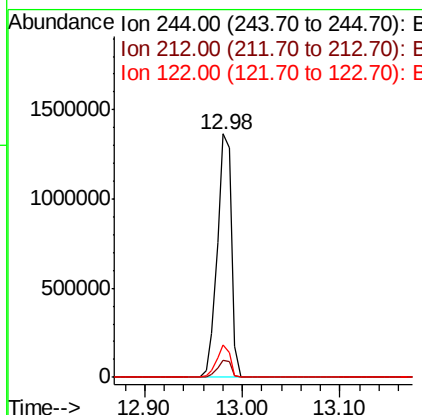
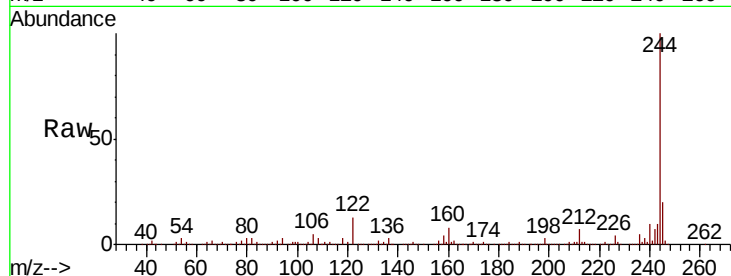




#79
 Terphenyl-d14
 Concen: 77.738 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

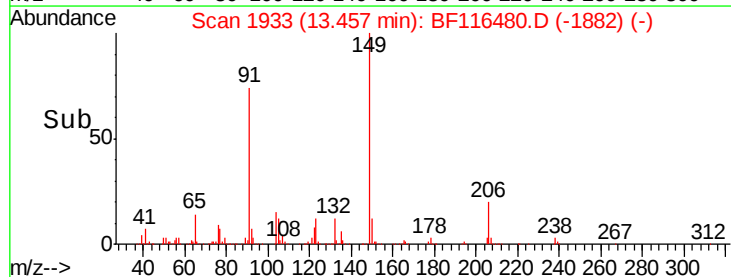
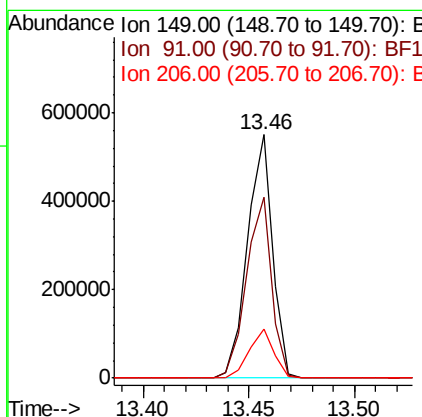
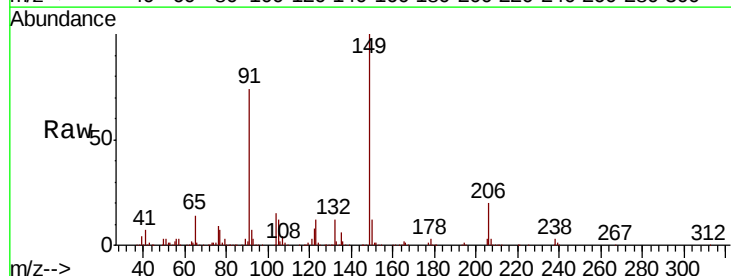
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

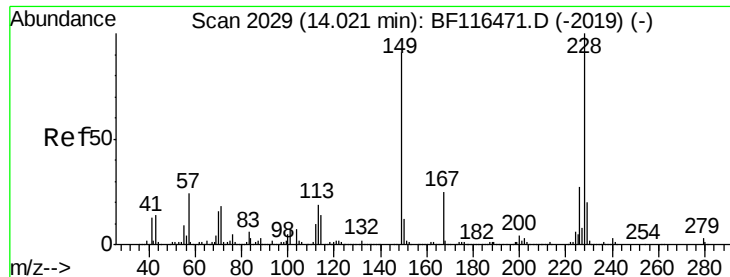
Tgt Ion: 244 Resp: 1367188
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 13.3 10.2 15.4



#80
 Butylbenzylphthalate
 Concen: 40.043 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BF116480.D
 Acq: 23 Aug 2019 16:36

Tgt Ion: 149 Resp: 454318
 Ion Ratio Lower Upper
 149 100
 91 74.3 54.9 82.3
 206 19.9 16.6 24.8





#81

Benzo(a)anthracene

Concen: 39.903 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

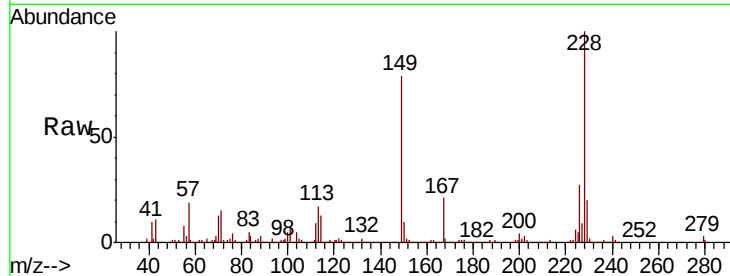
Tgt Ion:228 Resp: 848983

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.6

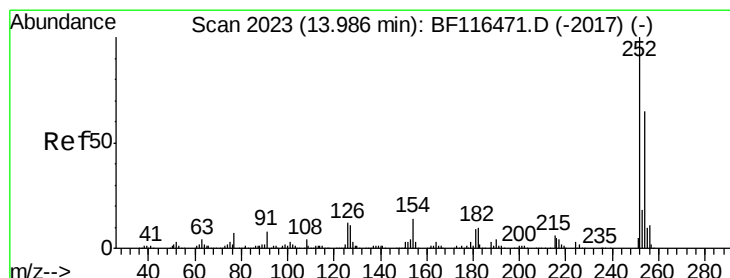
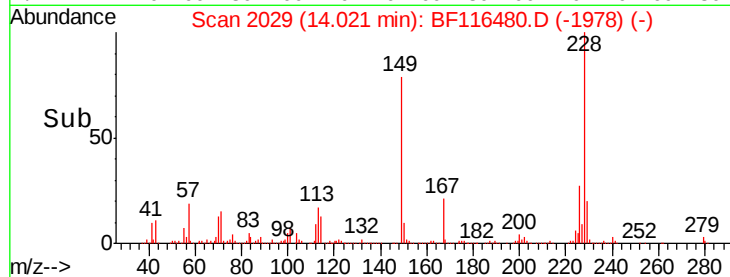
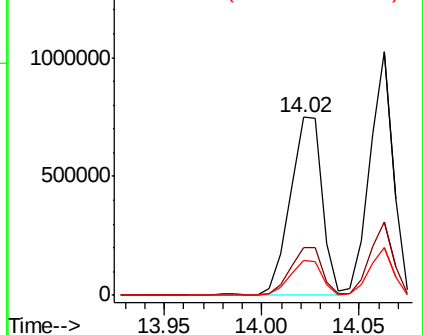
229 19.8 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.247 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

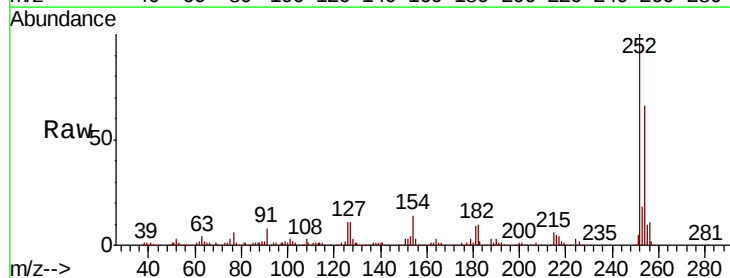
Tgt Ion:252 Resp: 312743

Ion Ratio Lower Upper

252 100

254 66.2 51.9 77.9

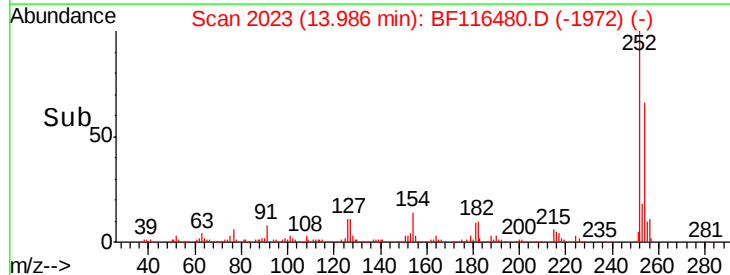
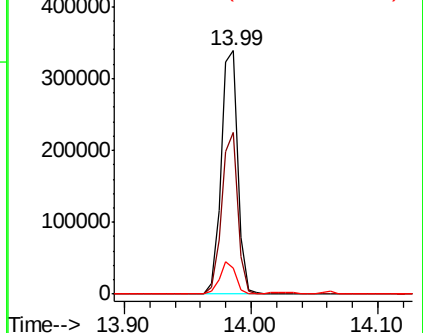
126 10.5 9.4 14.0

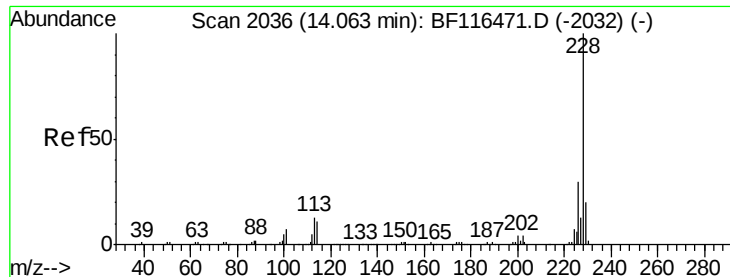


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.234 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

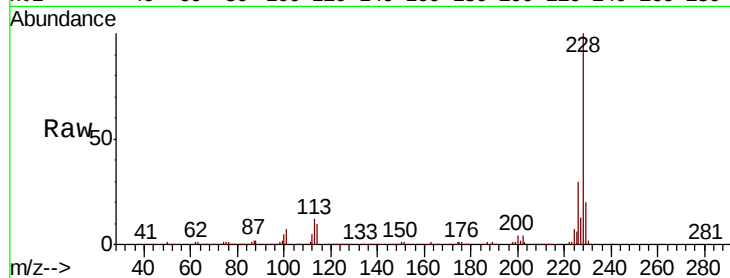
Tgt Ion:228 Resp: 846079

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

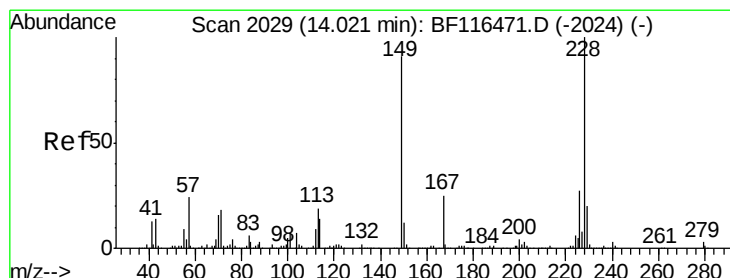
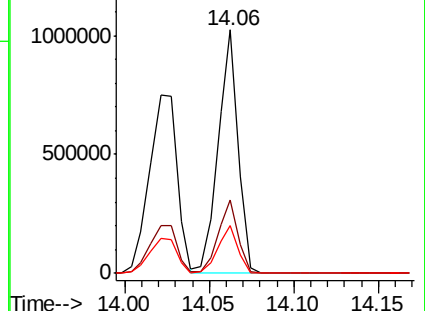
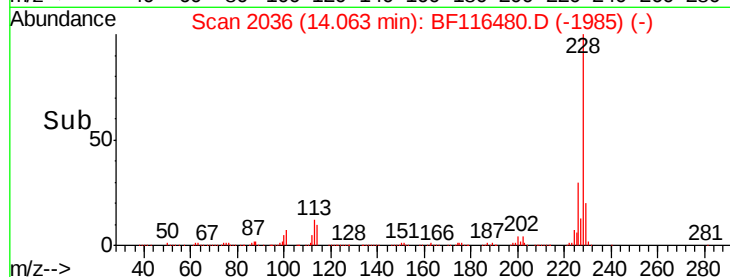
229 19.7 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.294 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

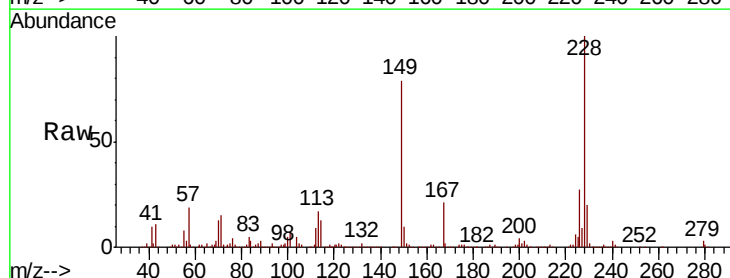
Tgt Ion:149 Resp: 564216

Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.6

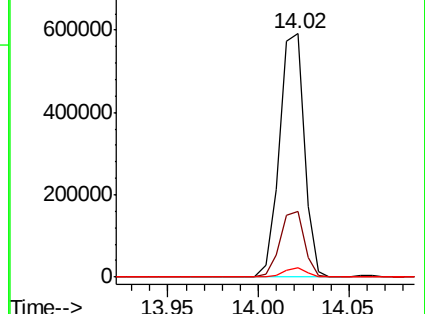
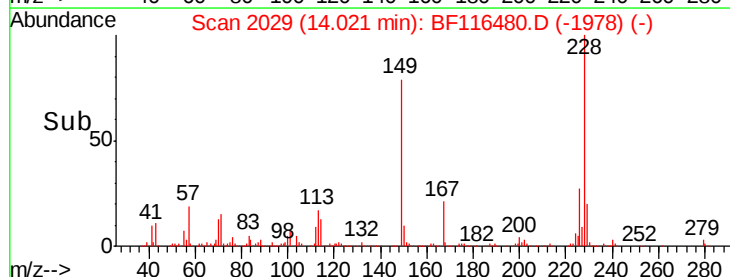
279 4.1 3.0 4.4

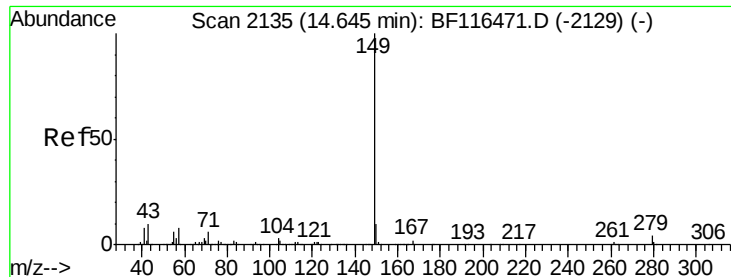


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.521 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.02 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

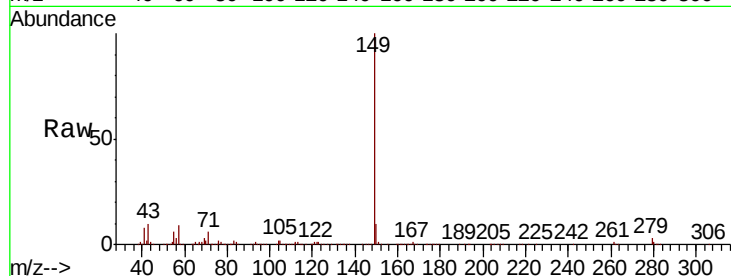
Tgt Ion:149 Resp: 963711

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

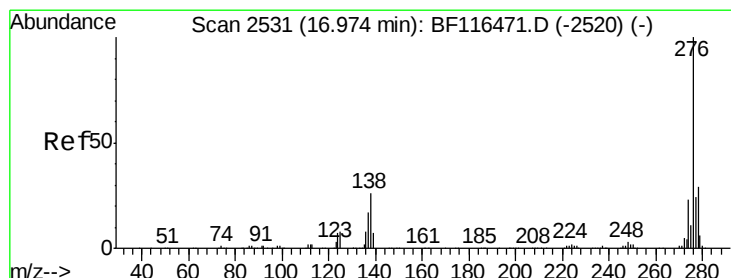
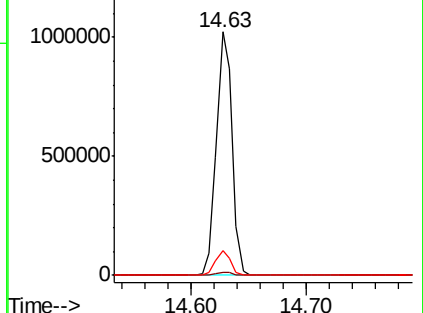
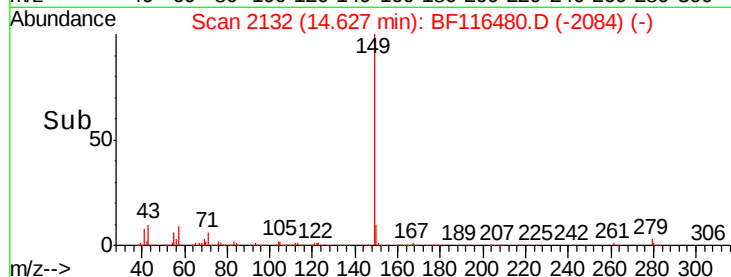
43 9.6 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.005 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

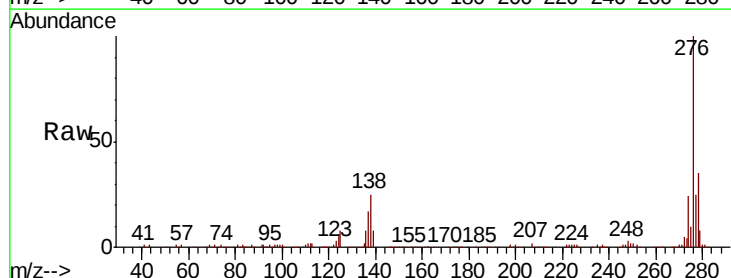
Tgt Ion:276 Resp: 609690

Ion Ratio Lower Upper

276 100

138 27.5 22.9 34.3

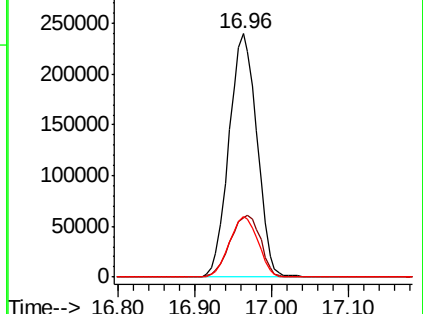
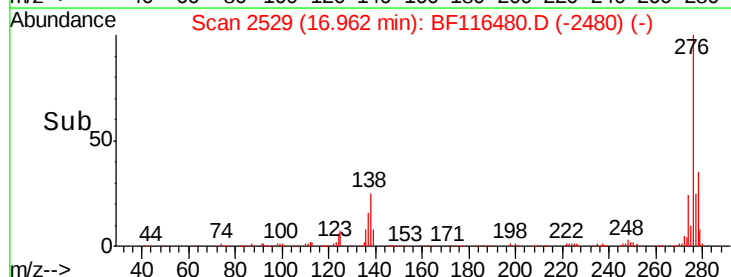
277 25.5 19.9 29.9

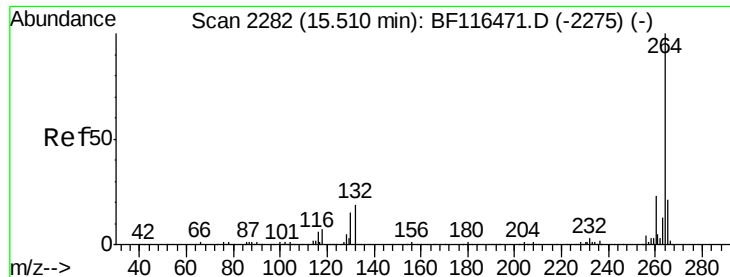


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



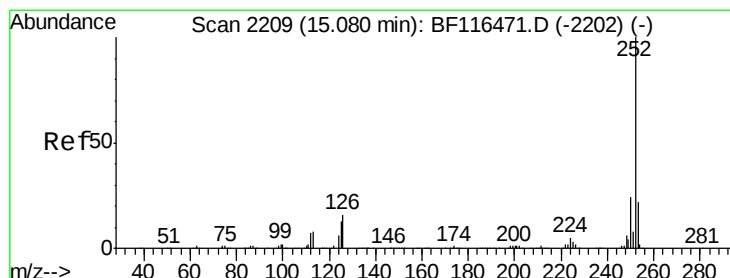
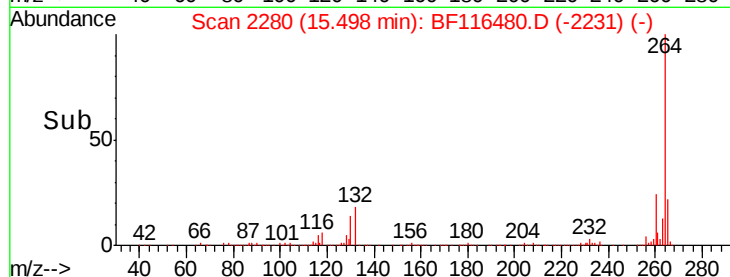
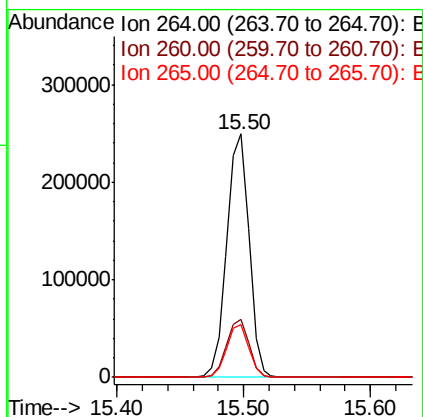
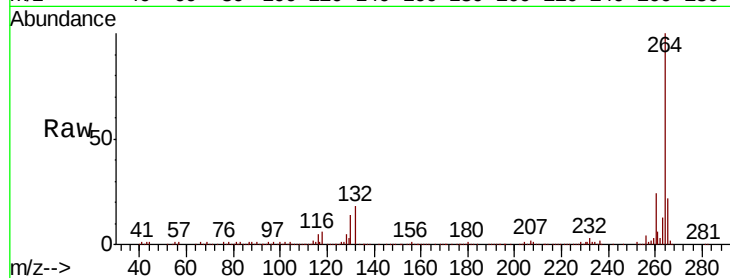


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 264 Resp: 302281

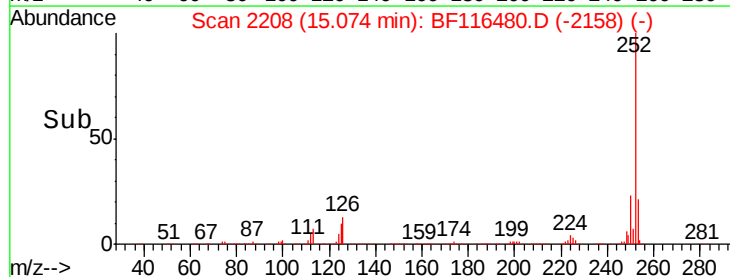
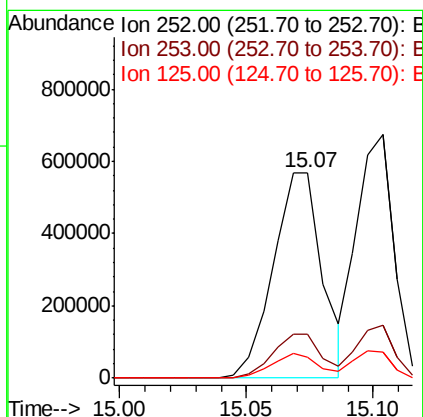
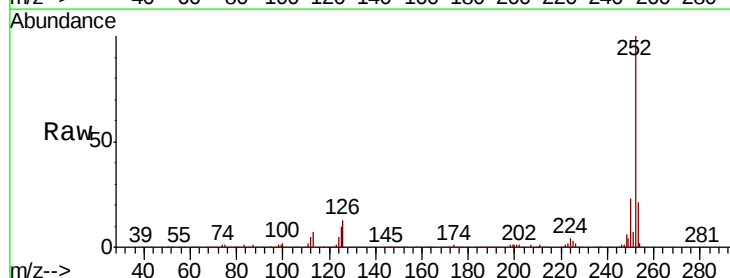
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.9	17.1	25.7

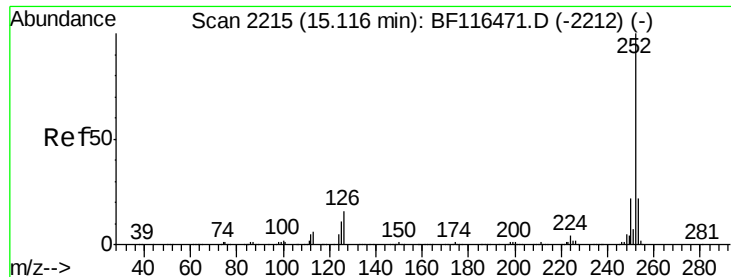


#88
Benzo(b)fluoranthene
Concen: 41.206 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Tgt Ion: 252 Resp: 769457

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	10.3	10.1	15.1

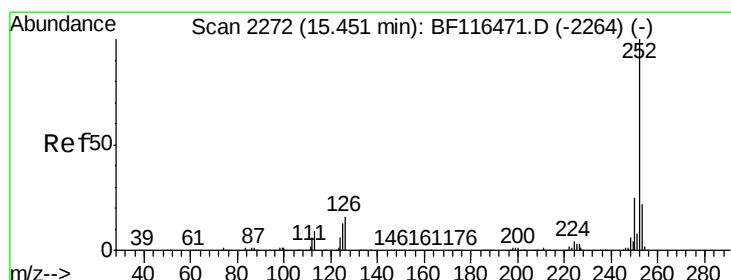
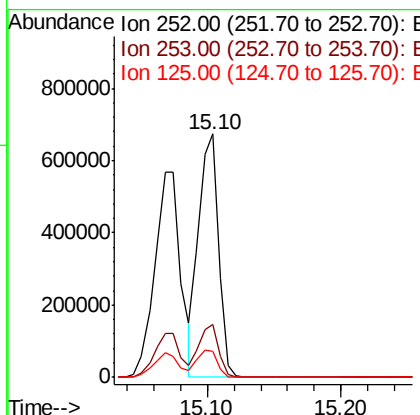
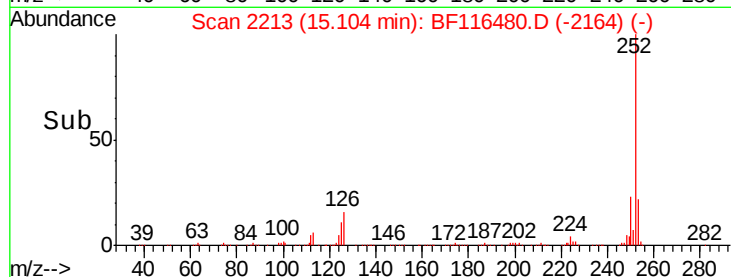
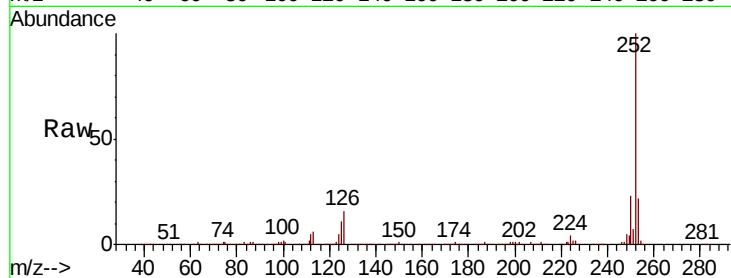




#89
Benzo(k)fluoranthene
Concen: 40.745 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

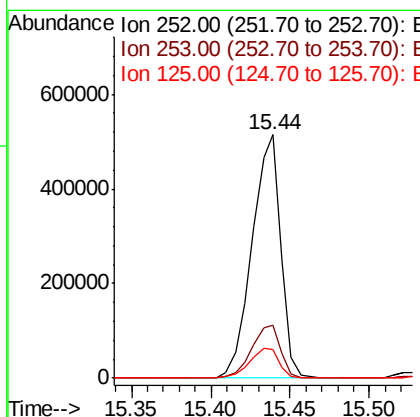
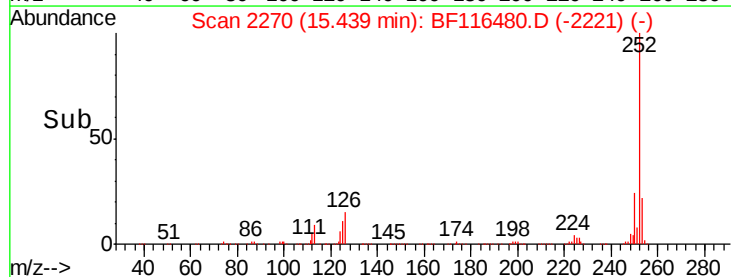
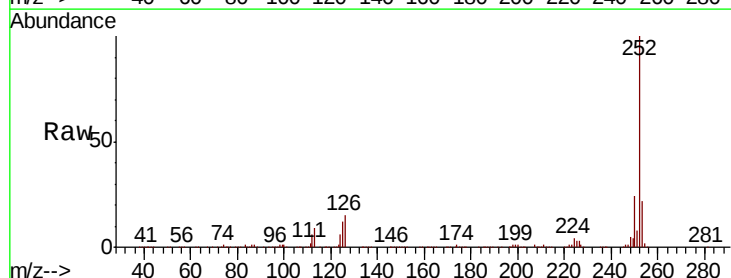
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

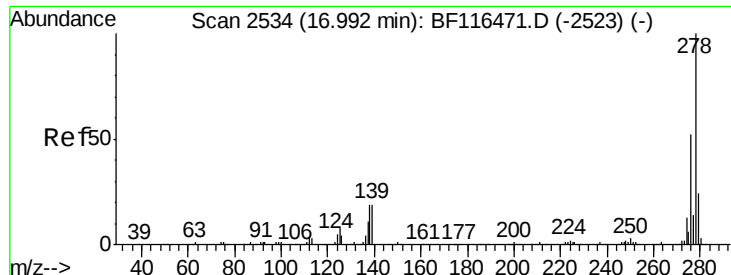
Tgt Ion:252 Resp: 689297
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 10.6 9.1 13.7



#90
Benzo(a)pyrene
Concen: 39.213 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116480.D
Acq: 23 Aug 2019 16:36

Tgt Ion:252 Resp: 647154
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 11.6 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 36.816 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

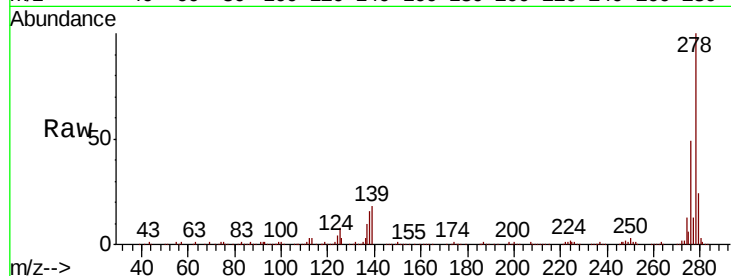
Tgt Ion: 278 Resp: 499282

Ion Ratio Lower Upper

278 100

139 17.6 15.3 22.9

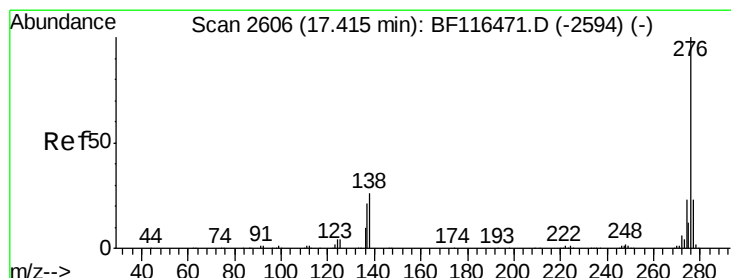
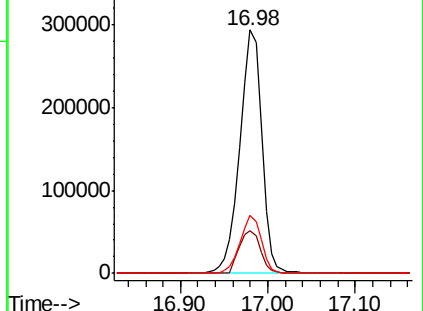
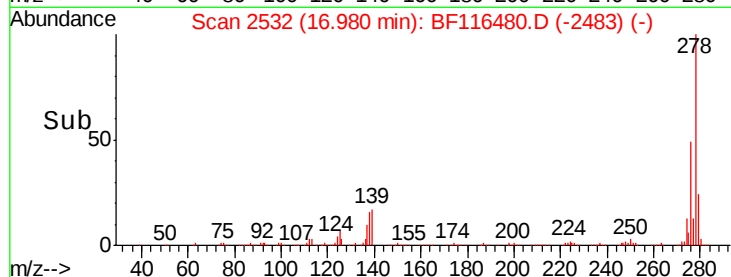
279 24.1 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.145 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BF116480.D

Acq: 23 Aug 2019 16:36

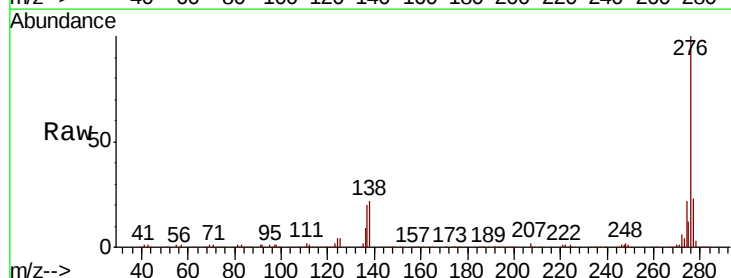
Tgt Ion: 276 Resp: 480239

Ion Ratio Lower Upper

276 100

277 23.3 18.7 28.1

138 21.9 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

