

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
 Data File : BF116471.D
 Acq On : 23 Aug 2019 11:07
 Operator : HP/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Aug 23 12:30:43 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 12:15:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	116645	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	496757	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	254866	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	451157	20.00	ng	0.00
76) Chrysene-d12	14.03	240	339457	20.00	ng	0.00
87) Perylene-d12	15.51	264	316334	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	604300	86.73	ng	0.00
7) Phenol-d6	6.50	99	770908	87.69	ng	0.00
23) Nitrobenzene-d5	7.44	82	706000	82.04	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	178100	72.08	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1248927	91.79	ng	0.00
79) Terphenyl-d14	12.98	244	1362735	84.59	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.68	88	133266	37.859	ng	100
3) Pyridine	3.43	79	384527	39.106	ng	100
4) n-Nitrosodimethylamine	3.37	42	152421	39.279	ng	100
6) Aniline	6.55	93	519219	41.241	ng	100
8) 2-Chlorophenol	6.67	128	313443	40.681	ng	100
9) Benzaldehyde	6.43	77	264815	43.658	ng	100
10) Phenol	6.52	94	402953	38.924	ng	100
11) bis(2-Chloroethyl)ether	6.62	93	312914	41.112	ng	100
12) 1,3-Dichlorobenzene	6.82	146	355420	39.914	ng	100
13) 1,4-Dichlorobenzene	6.90	146	356670	40.004	ng	100
14) 1,2-Dichlorobenzene	7.06	146	339374	41.338	ng	100
15) Benzyl Alcohol	7.02	79	309871	46.447	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.16	45	429828	41.403	ng	100
17) 2-Methylphenol	7.13	107	275022	42.154	ng	100
18) Hexachloroethane	7.40	117	135692	41.337	ng	100
19) n-Nitroso-di-n-propylamine	7.29	70	246663	45.279	ng	100
20) 3+4-Methylphenols	7.28	107	348541	45.145	ng	100
22) Acetophenone	7.29	105	473309	43.445	ng	100
24) Nitrobenzene	7.46	77	369333	39.746	ng	100
25) Isophorone	7.70	82	653697	39.725	ng	100
26) 2-Nitrophenol	7.77	139	135428	30.918	ng	100
27) 2,4-Dimethylphenol	7.81	122	265311	40.260	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	407878	39.990	ng	100
29) 2,4-Dichlorophenol	8.02	162	264239	37.976	ng	100
30) 1,2,4-Trichlorobenzene	8.10	180	309075	38.967	ng	100
31) Naphthalene	8.19	128	952375	40.741	ng	100
32) Benzoic acid	7.92	122	192471	41.426	ng	100
33) 4-Chloroaniline	8.23	127	417927	40.013	ng	100
34) Hexachlorobutadiene	8.31	225	165457	36.216	ng	100
35) Caprolactam	8.59	113	88947	39.524	ng	100
36) 4-Chloro-3-methylphenol	8.70	107	292611	40.423	ng	100
37) 2-Methylnaphthalene	8.87	142	627193	40.739	ng	100
38) 1-Methylnaphthalene	8.97	142	591906	40.640	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	274355	40.266	ng	100

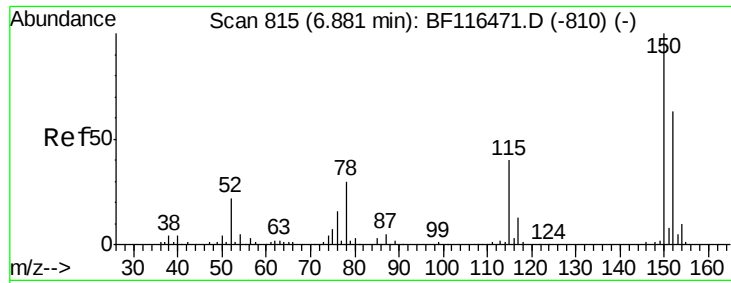
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	143469	53.869	ng	100
43) 2,4,6-Trichlorophenol	9.15	196	191437	40.819	ng	100
44) 2,4,5-Trichlorophenol	9.18	196	194225	40.063	ng	100
46) 1,1'-Biphenyl	9.34	154	797080	44.298	ng	100
47) 2-Chloronaphthalene	9.36	162	619928	41.395	ng	100
48) 2-Nitroaniline	9.45	65	188163	38.012	ng	100
49) Acenaphthylene	9.77	152	926310	42.397	ng	100
50) Dimethylphthalate	9.63	163	694859	40.041	ng	100
51) 2,6-Dinitrotoluene	9.69	165	144587	38.340	ng	100
52) Acenaphthene	9.95	154	586199	43.734	ng	100
53) 3-Nitroaniline	9.86	138	176215	37.816	ng	100
54) 2,4-Dinitrophenol	9.96	184	45243	28.252	ng	100
55) Dibenzofuran	10.12	168	818926	42.013	ng	100
56) 4-Nitrophenol	10.00	139	137248	45.978	ng	100
57) 2,4-Dinitrotoluene	10.09	165	182598	36.366	ng	100
58) Fluorene	10.46	166	621817	41.463	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	162981	39.960	ng	100
60) Diethylphthalate	10.33	149	690017	42.589	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	301108	39.644	ng	100
62) 4-Nitroaniline	10.47	138	174727	36.283	ng	100
63) Azobenzene	10.62	77	715878	42.958	ng	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	65308	27.316	ng	100
66) n-Nitrosodiphenylamine	10.57	169	572820	42.183	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	183924	38.082	ng	100
68) Hexachlorobenzene	11.02	284	201610	36.100	ng	100
69) Atrazine	11.09	200	173530	38.844	ng	100
70) Pentachlorophenol	11.20	266	120530	44.454	ng	100
71) Phenanthrene	11.42	178	981821	42.569	ng	100
72) Anthracene	11.47	178	987016	42.285	ng	100
73) Carbazole	11.62	167	891534	42.099	ng	100
74) Di-n-butylphthalate	11.96	149	1053819	42.658	ng	100
75) Fluoranthene	12.61	202	1021689	42.313	ng	100
77) Benzidine	12.72	184	560094	48.839	ng	100
78) Pyrene	12.83	202	1055367	41.243	ng	100
80) Butylbenzylphthalate	13.46	149	447829	41.373	ng	100
81) Benzo(a)anthracene	14.02	228	864533	39.846	ng	100
82) 3,3'-Dichlorobenzidine	13.99	252	312921	41.513	ng	100
83) Chrysene	14.06	228	873720	41.479	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	575633	40.924	ng	100
85) Di-n-octyl phthalate	14.64	149	974048	43.598	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	620390	35.067	ng	100
88) Benzo(b)fluoranthene	15.08	252	796725	43.559	ng	100
89) Benzo(k)fluoranthene	15.12	252	738918	41.476	ng	100
90) Benzo(a)pyrene	15.45	252	681439	41.677	ng	100
91) Dibenzo(a,h)anthracene	16.99	278	513190	36.260	ng	100
92) Benzo(g,h,i)perylene	17.42	276	474696	34.151	ng	100

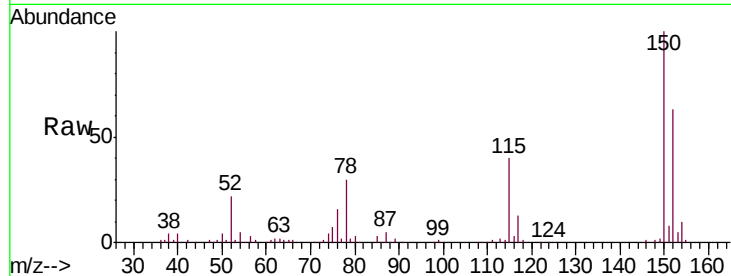
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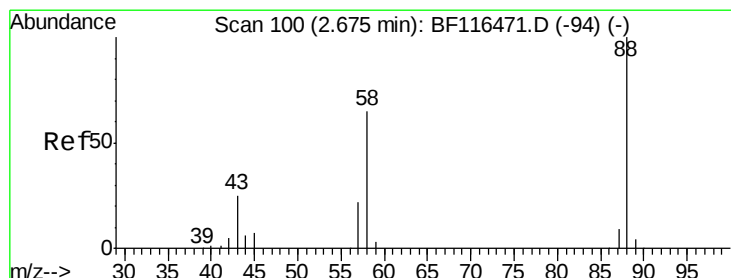
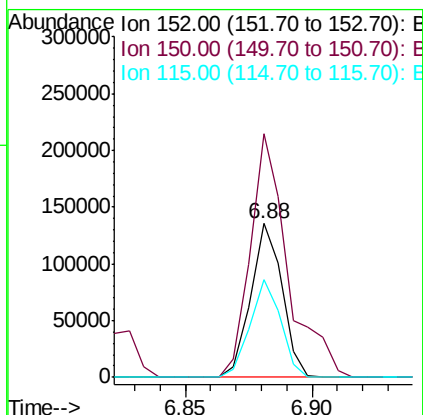
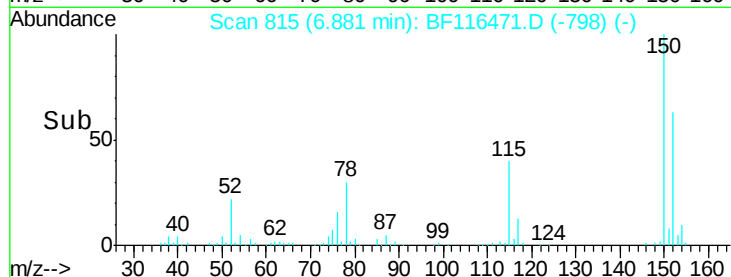
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.7	190.1
115	63.6	50.9	76.3

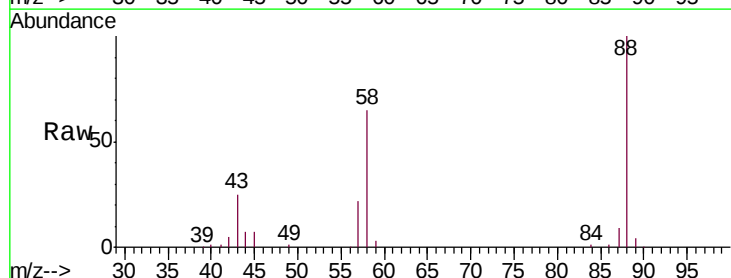


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

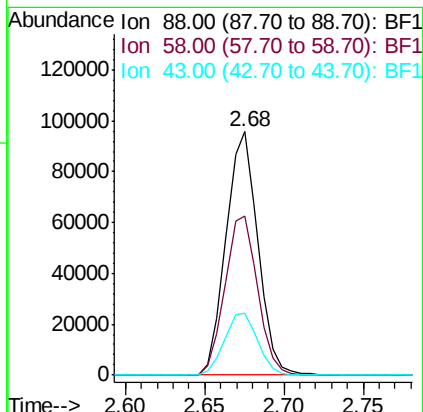
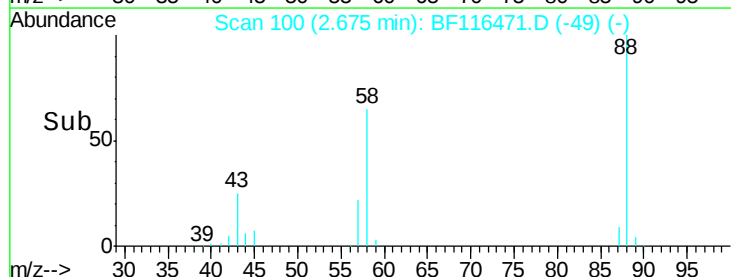


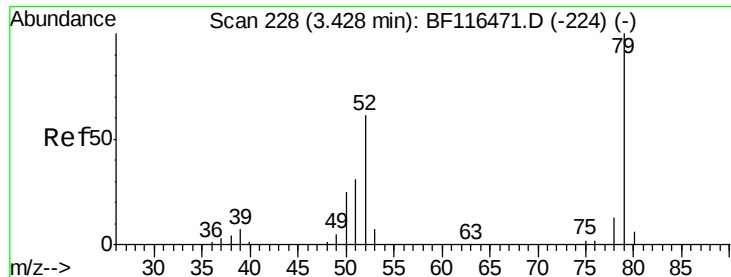
#2
 1,4-Dioxane
 Concen: 37.859 ng
 RT: 2.68 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.7	53.4	80.0
43	26.5	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

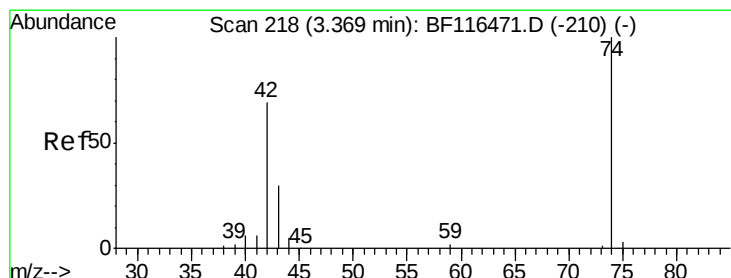
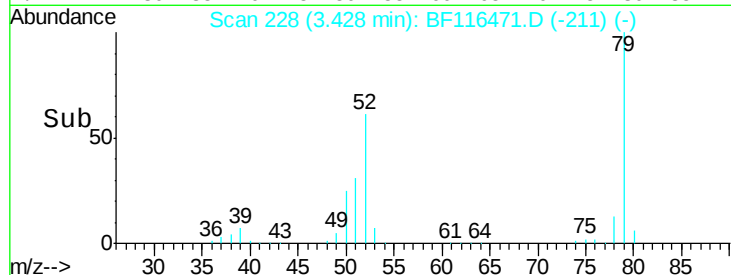
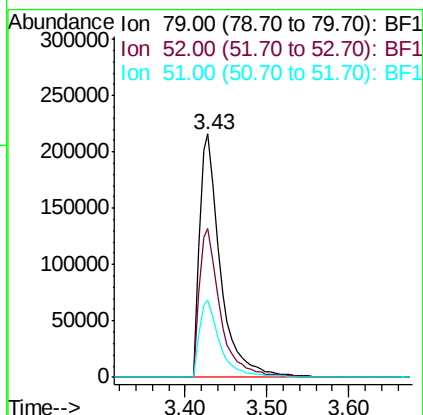
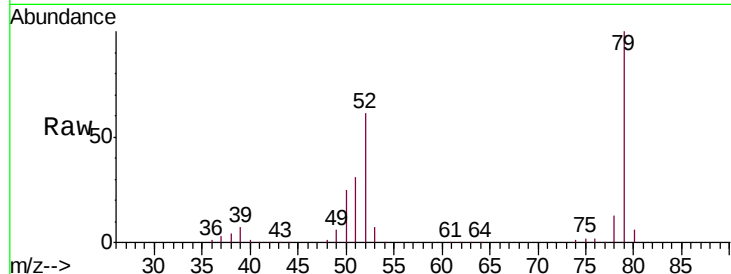




#3
 Pyridine
 Concen: 39.106 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

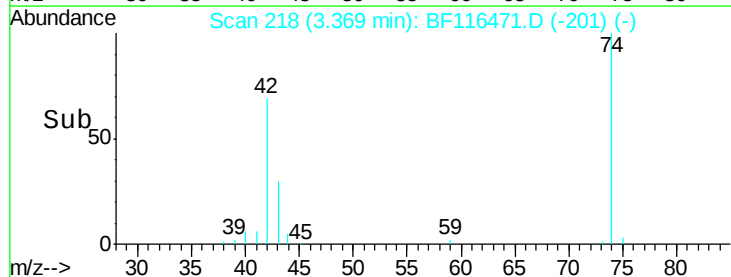
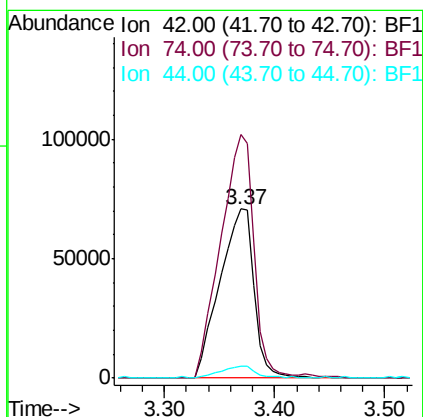
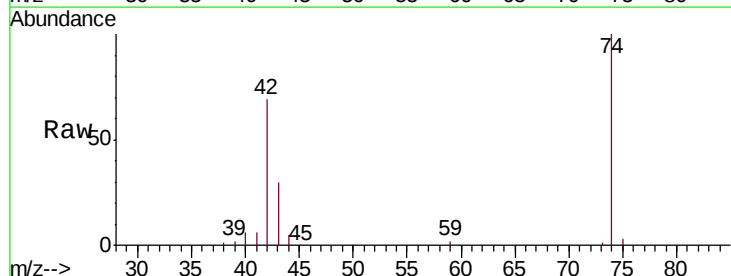
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

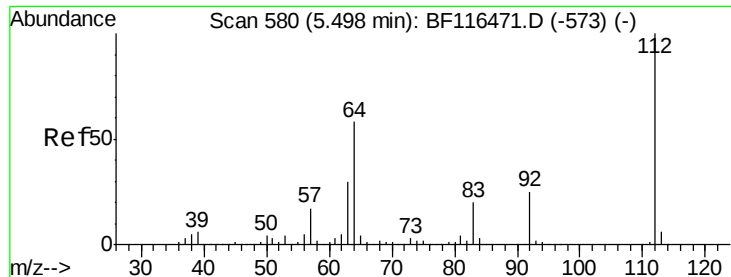
Tgt Ion: 79 Resp: 384527
 Ion Ratio Lower Upper
 79 100
 52 61.0 48.8 73.2
 51 31.5 25.2 37.8



#4
 n-Nitrosodimethylamine
 Concen: 39.279 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Tgt Ion: 42 Resp: 152421
 Ion Ratio Lower Upper
 42 100
 74 144.1 115.3 172.9
 44 7.3 5.8 8.8

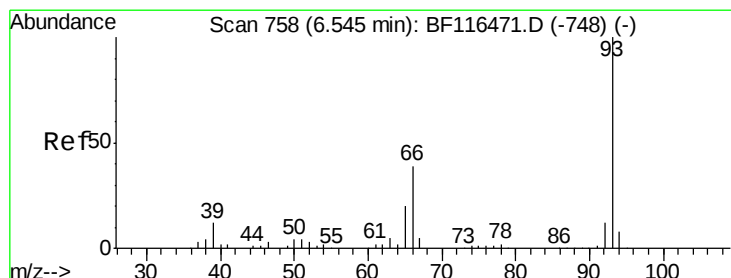
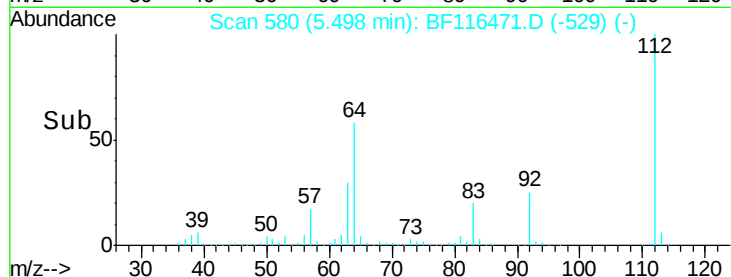
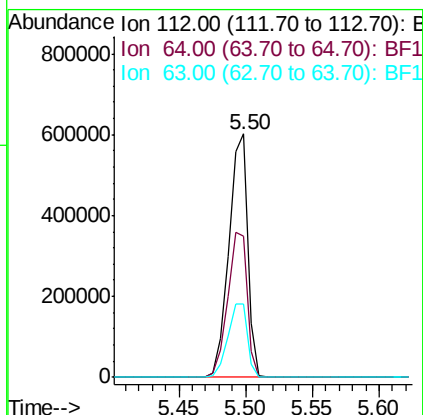
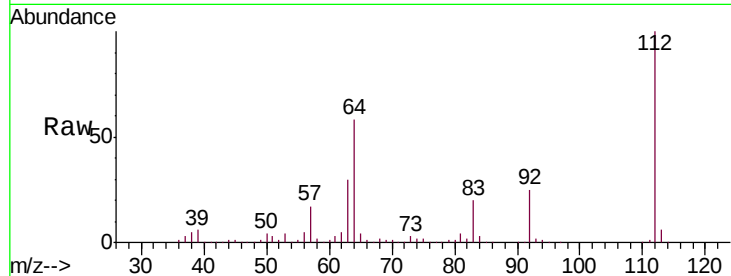




#5
 2-Fluorophenol
 Concen: 86.728 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

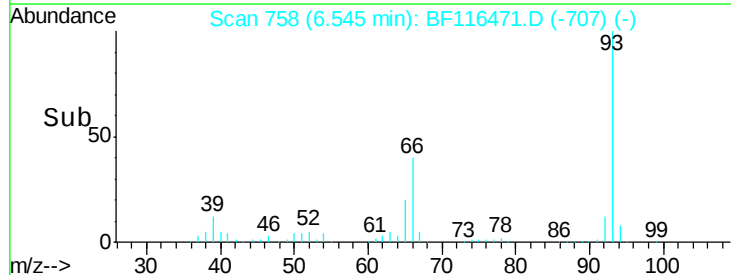
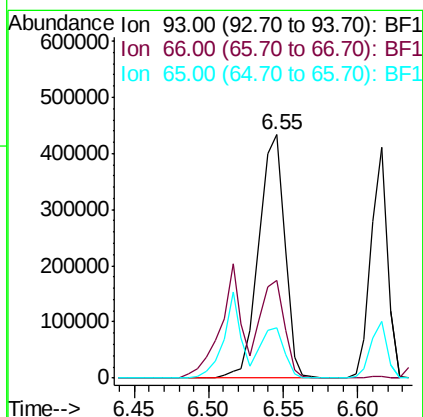
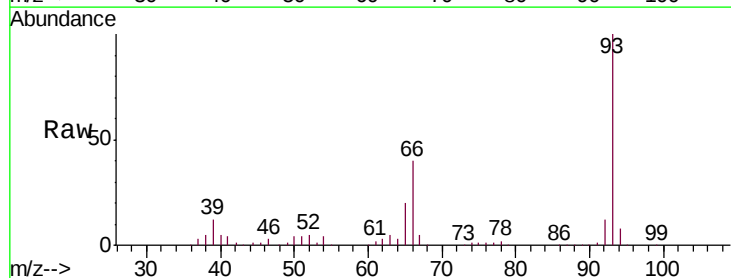
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

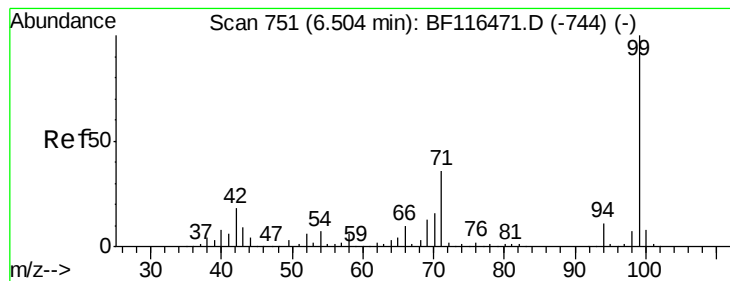
Tgt Ion:	112	Resp:	604300
Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.3	69.5
63	30.3	24.2	36.4



#6
 Aniline
 Concen: 41.241 ng
 RT: 6.55 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Tgt Ion:	93	Resp:	519219
Ion	Ratio	Lower	Upper
93	100		
66	40.2	32.2	48.2
65	20.4	16.3	24.5





#7

Phenol-d6

Concen: 87.692 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

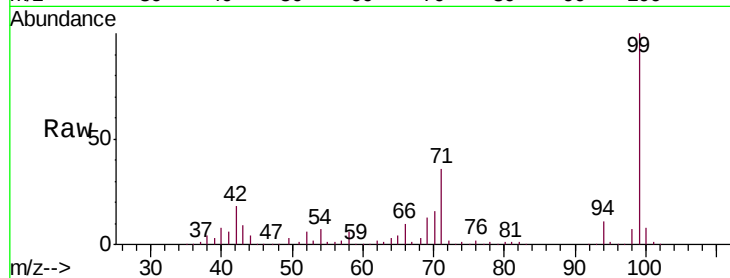
Tgt Ion: 99 Resp: 770908

Ion Ratio Lower Upper

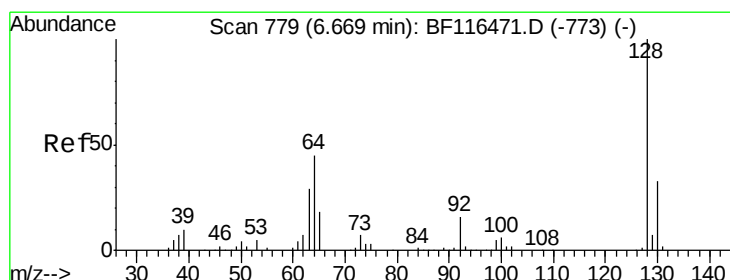
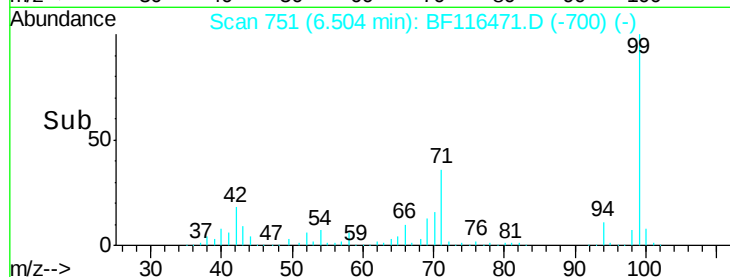
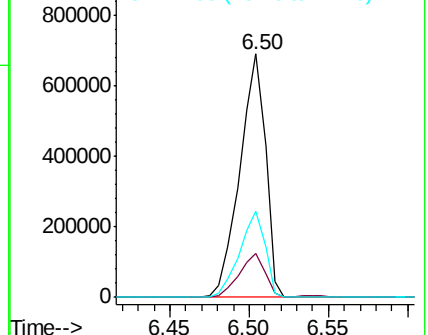
99 100

42 18.2 14.6 21.8

71 35.6 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: 40.681 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

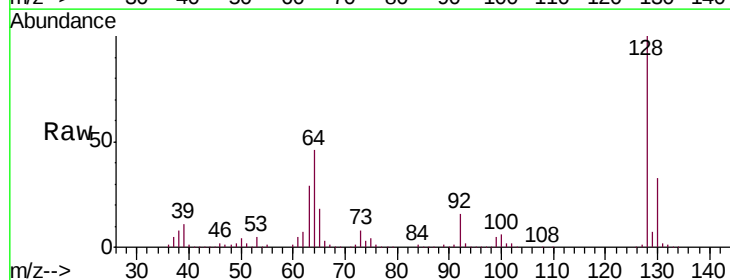
Tgt Ion: 128 Resp: 313443

Ion Ratio Lower Upper

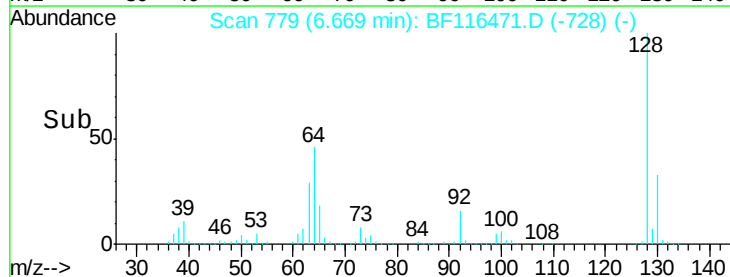
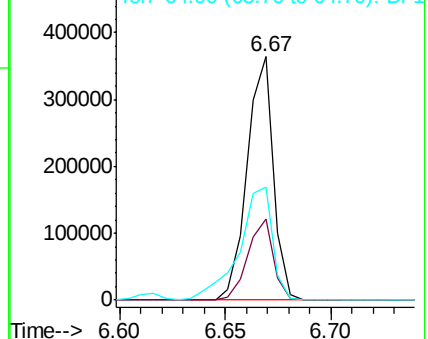
128 100

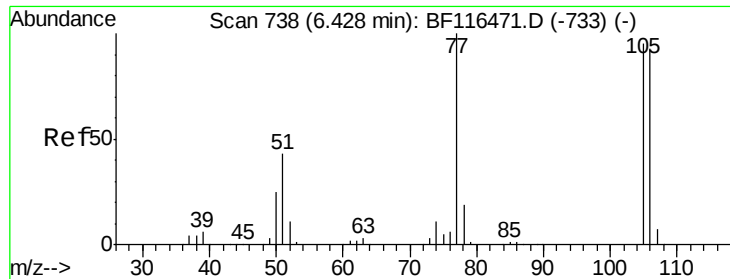
130 33.4 13.4 53.4

64 46.3 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: 43.658 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

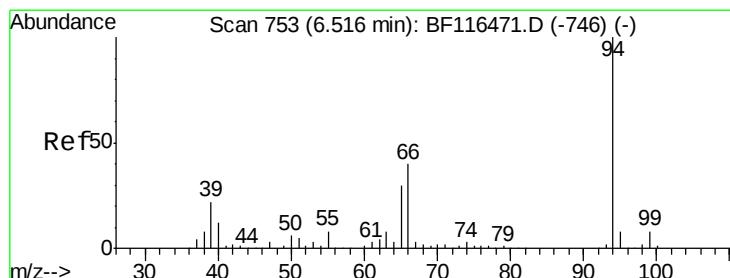
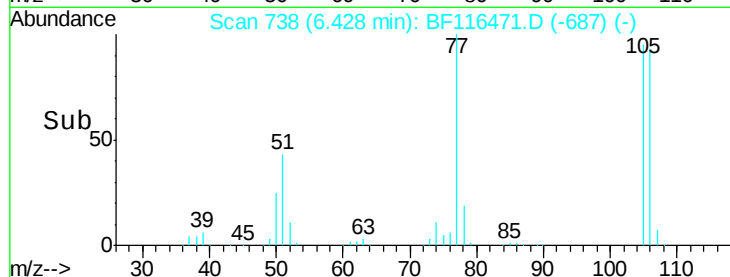
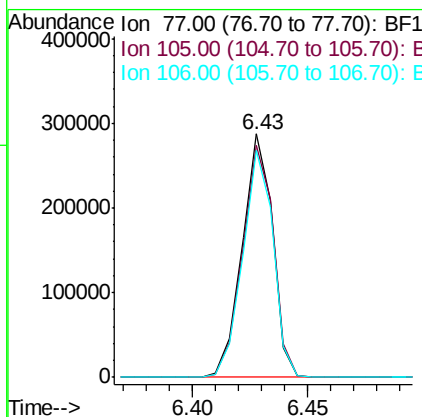
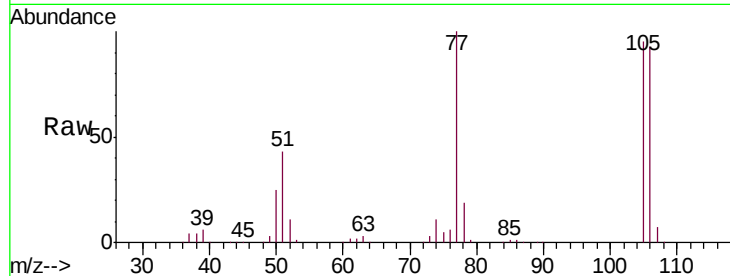
Tgt Ion: 77 Resp: 264815

Ion Ratio Lower Upper

77 100

105 95.5 75.5 115.5

106 93.2 73.2 113.2



#10

Phenol

Concen: 38.924 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

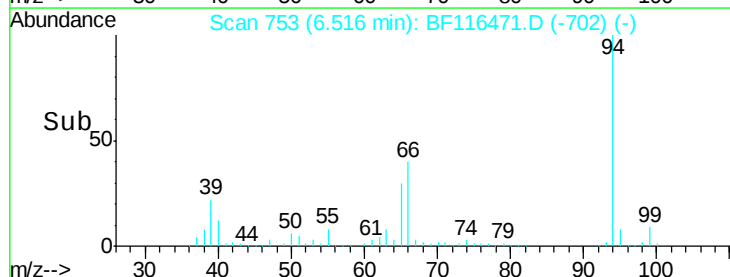
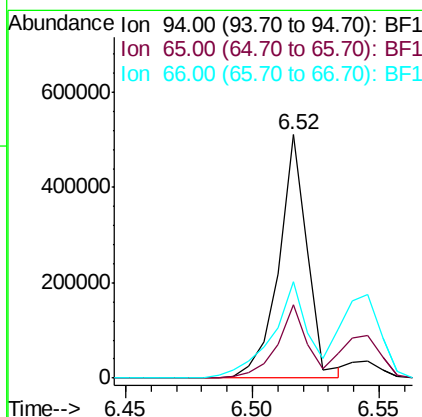
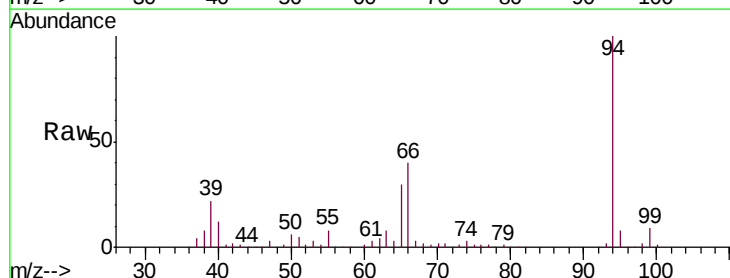
Tgt Ion: 94 Resp: 402953

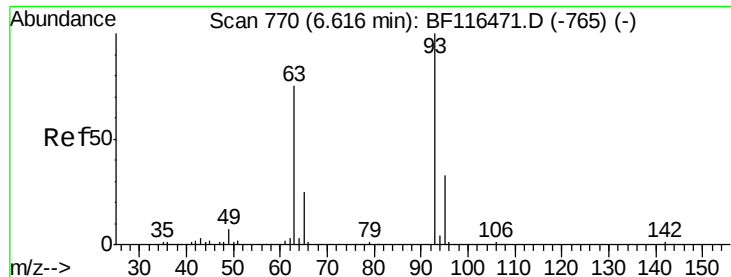
Ion Ratio Lower Upper

94 100

65 30.0 10.0 50.0

66 39.8 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 41.112 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

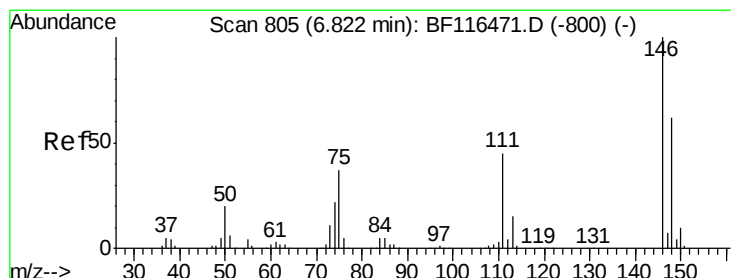
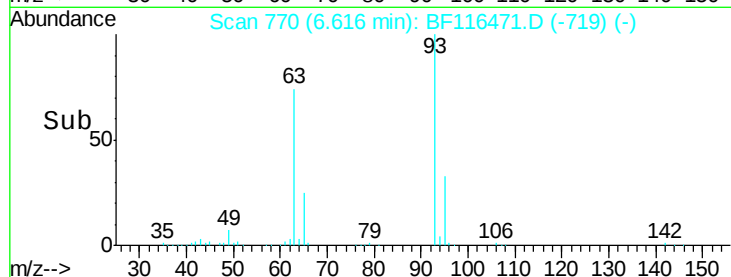
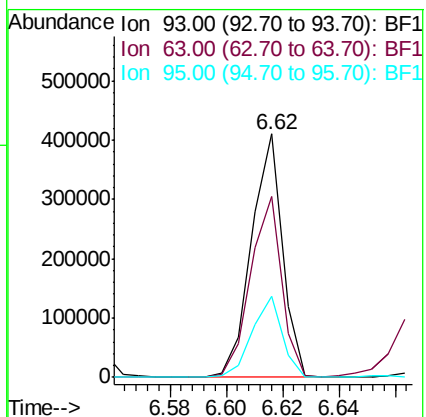
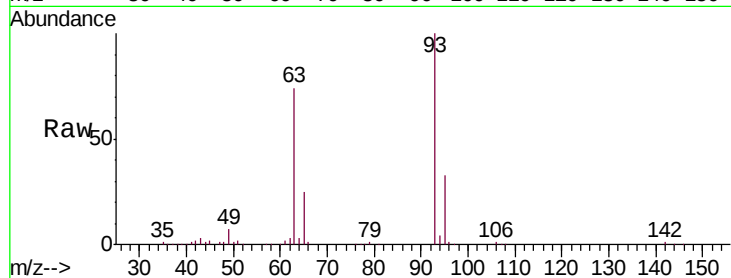
Tgt Ion: 93 Resp: 312914

Ion Ratio Lower Upper

93 100

63 74.3 54.3 94.3

95 33.3 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 39.914 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

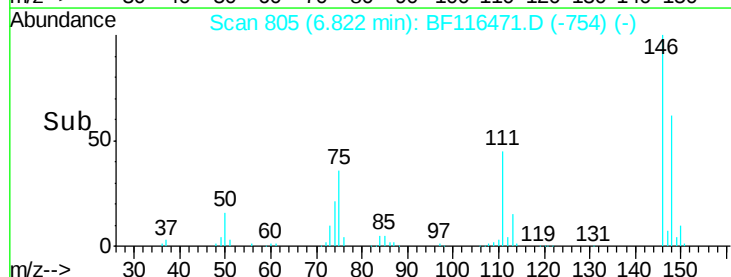
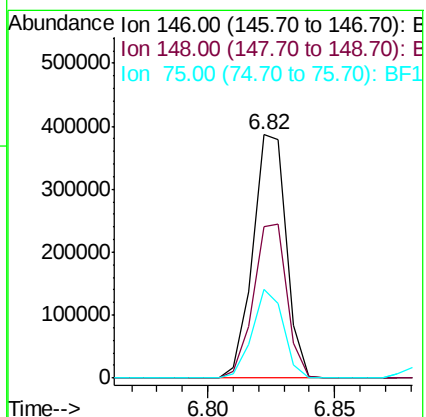
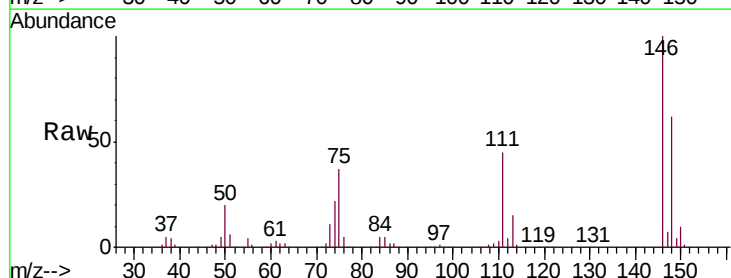
Tgt Ion: 146 Resp: 355420

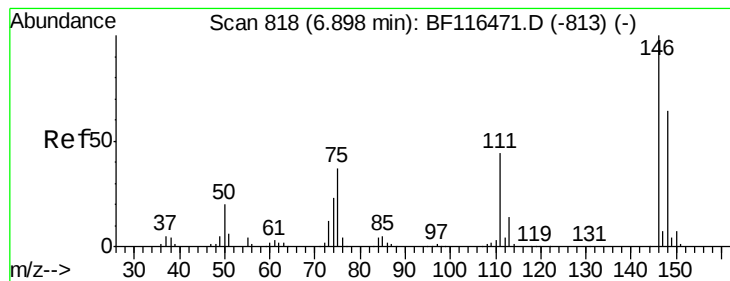
Ion Ratio Lower Upper

146 100

148 62.3 49.8 74.8

75 36.6 29.3 43.9





#13

1,4-Dichlorobenzene

Concen: 40.004 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

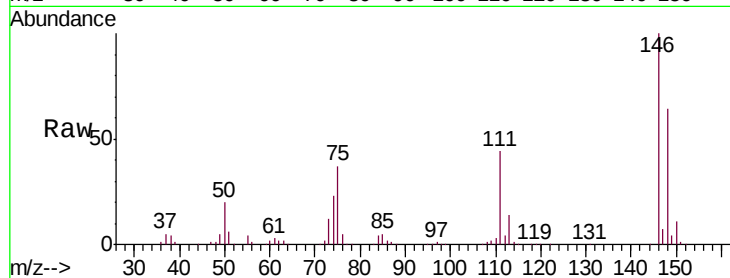
Tgt Ion:146 Resp: 356670

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

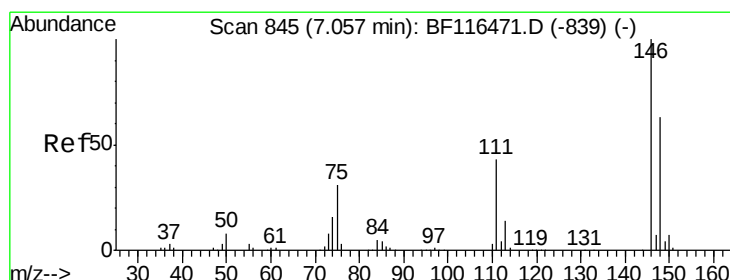
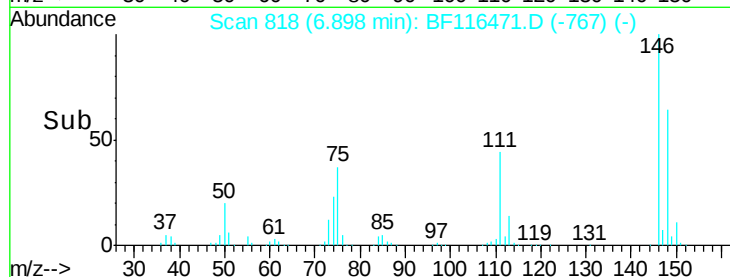
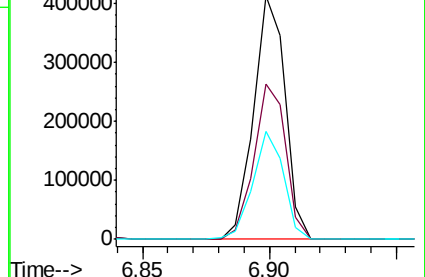
111 44.3 35.4 53.2



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: 41.338 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

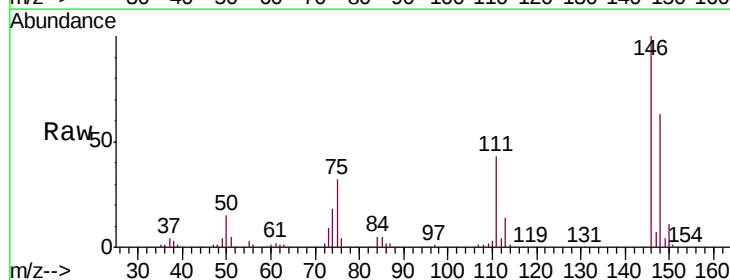
Tgt Ion:146 Resp: 339374

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

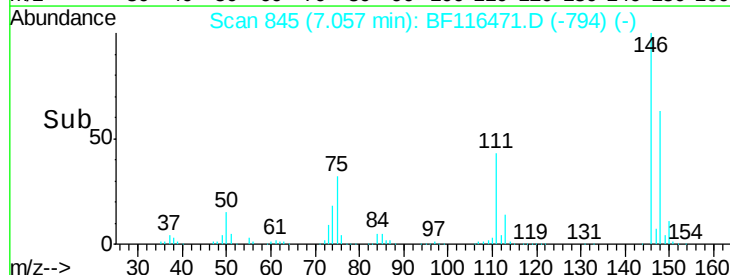
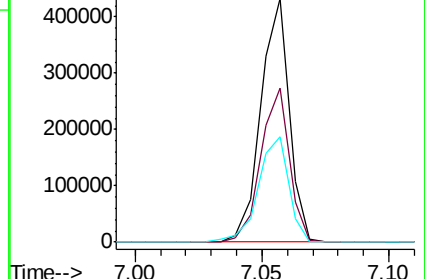
111 43.1 34.5 51.7

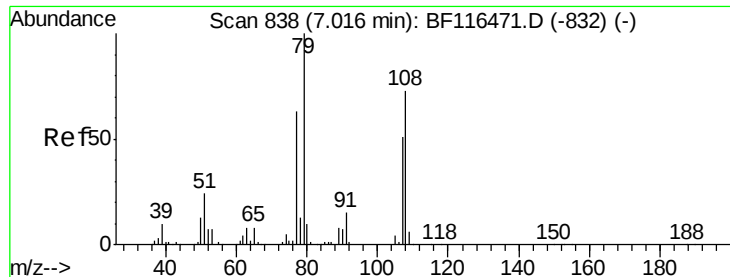


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.447 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

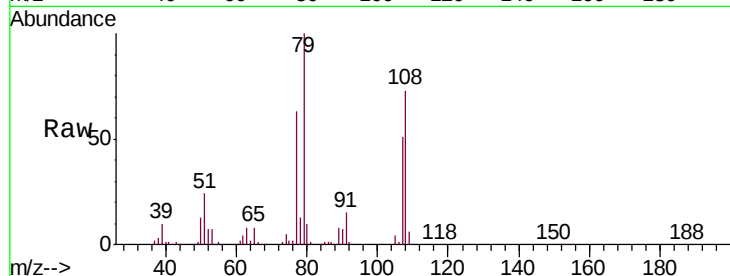
Tgt Ion: 79 Resp: 309871

Ion Ratio Lower Upper

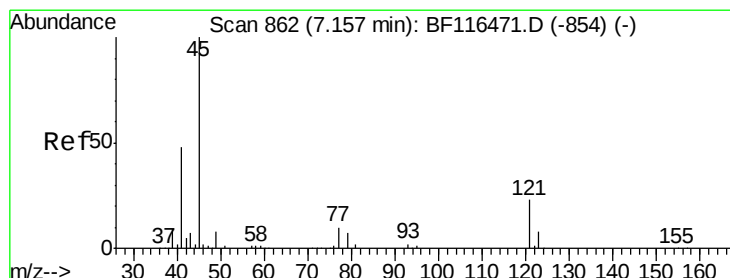
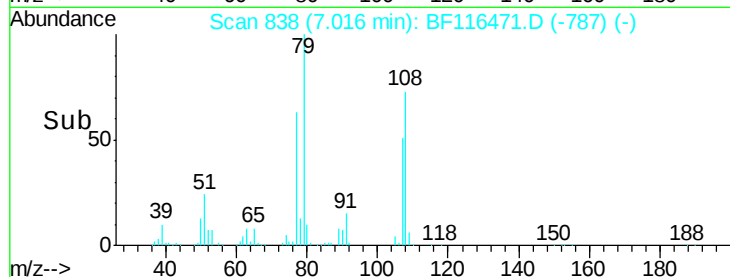
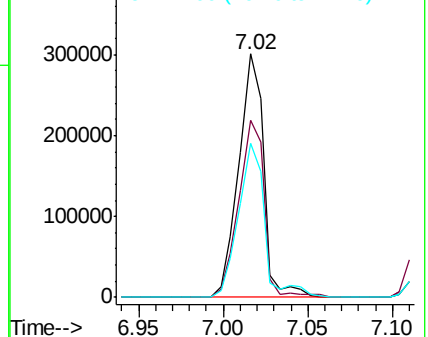
79 100

108 72.6 58.1 87.1

77 63.3 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.403 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

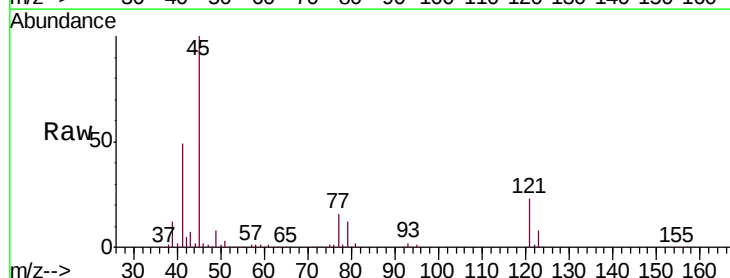
Tgt Ion: 45 Resp: 429828

Ion Ratio Lower Upper

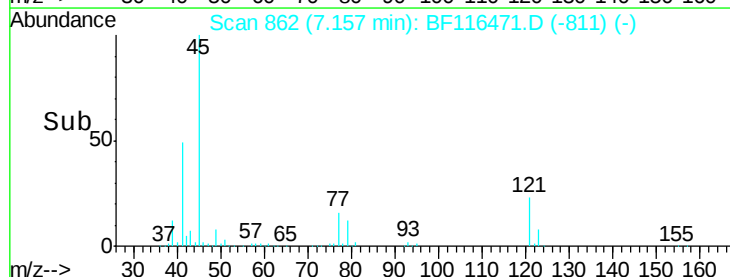
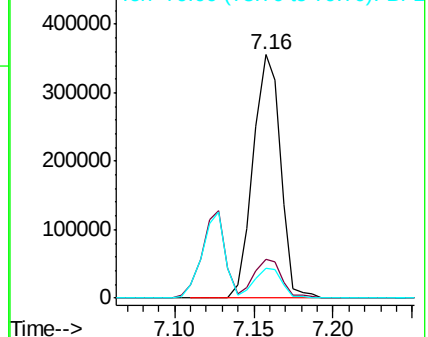
45 100

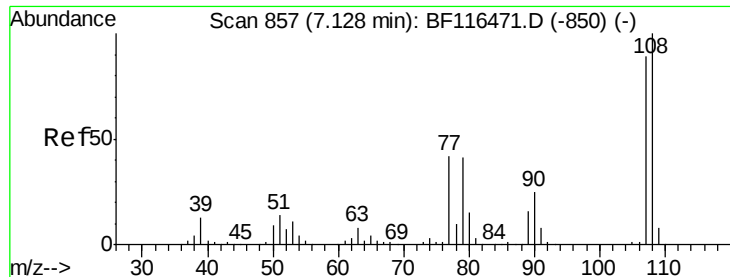
77 16.1 0.0 36.1

79 12.3 0.0 32.3



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

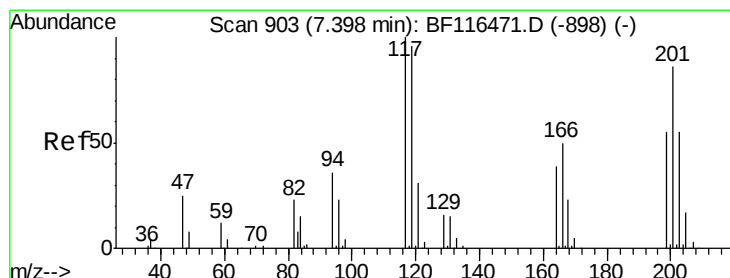
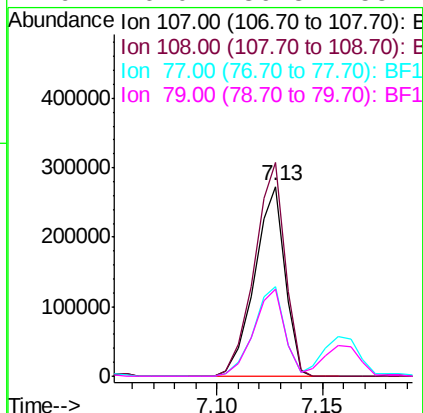
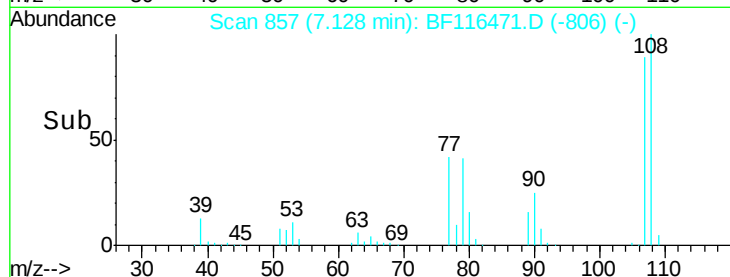
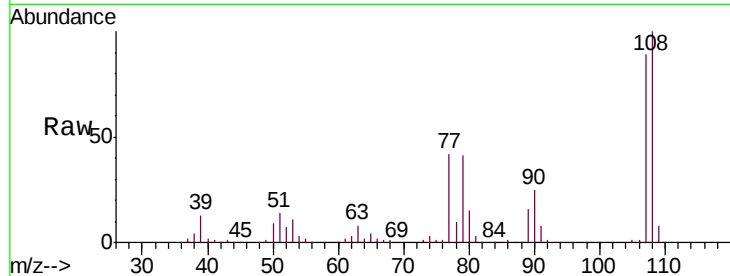




#17
2-Methylphenol
Concen: 42.154 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF116471.D
Acq: 23 Aug 2019 11:07

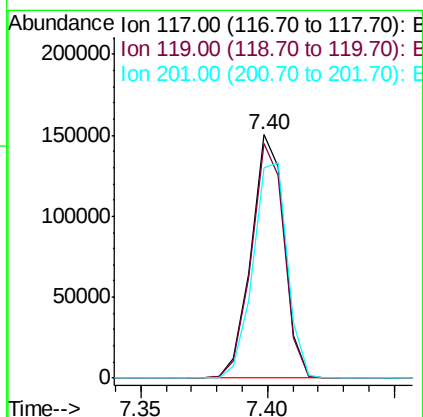
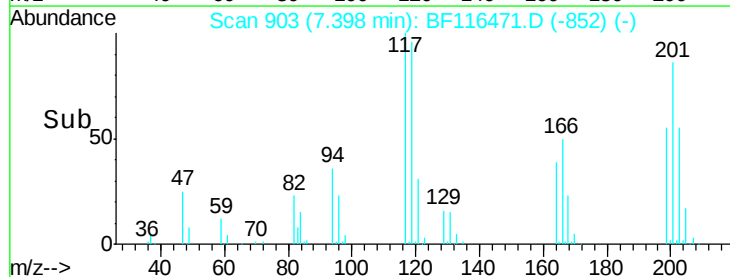
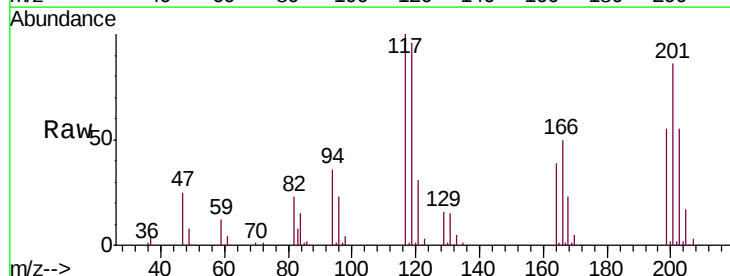
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

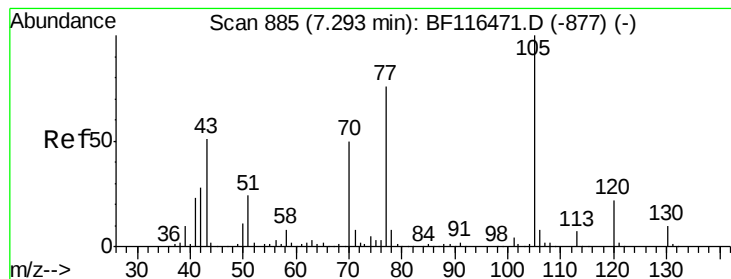
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.0	135.0
77	47.0	37.6	56.4
79	46.0	36.8	55.2



#18
Hexachloroethane
Concen: 41.337 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF116471.D
Acq: 23 Aug 2019 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.6
201	86.4	69.1	103.7





#19

n-Nitroso-di-n-propylamine

Concen: 45.279 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 246663

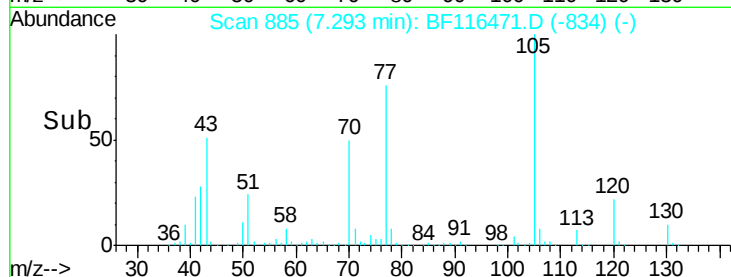
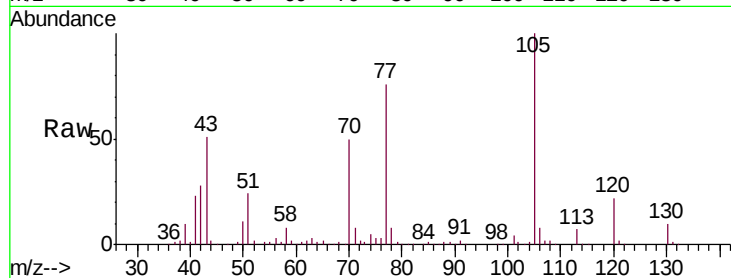
Ion Ratio Lower Upper

70 100

42 55.5 44.4 66.6

101 8.9 7.1 10.7

130 19.8 15.8 23.8

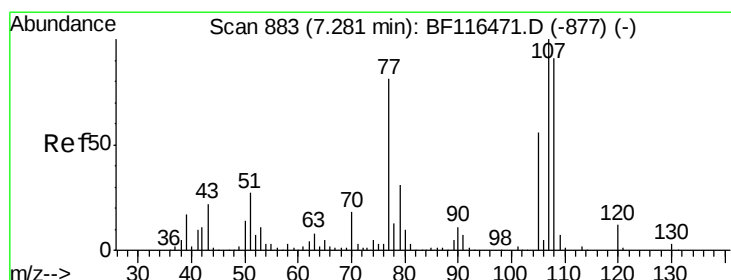
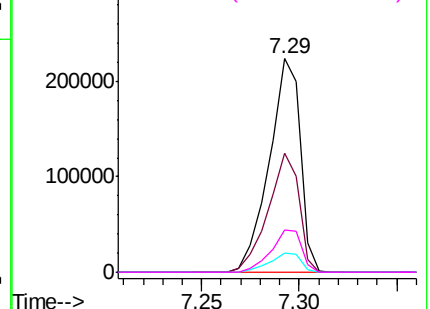


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 45.145 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Tgt Ion: 107 Resp: 348541

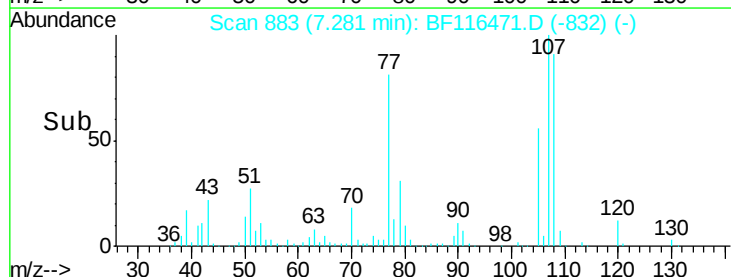
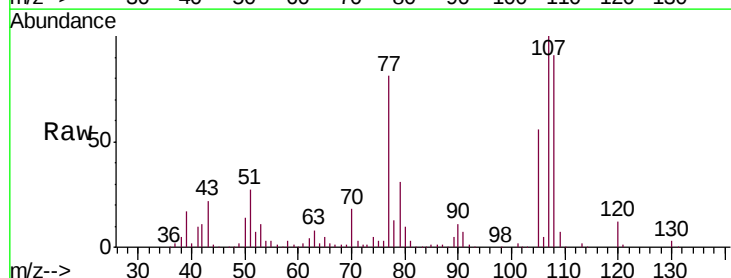
Ion Ratio Lower Upper

107 100

108 90.7 70.7 110.7

77 80.6 60.6 100.6

79 31.1 11.1 51.1

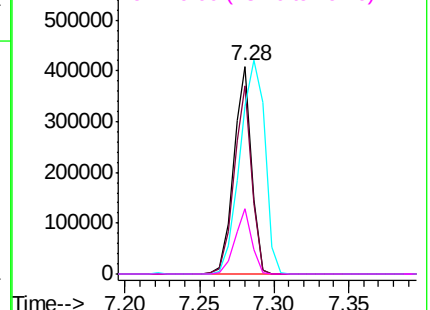


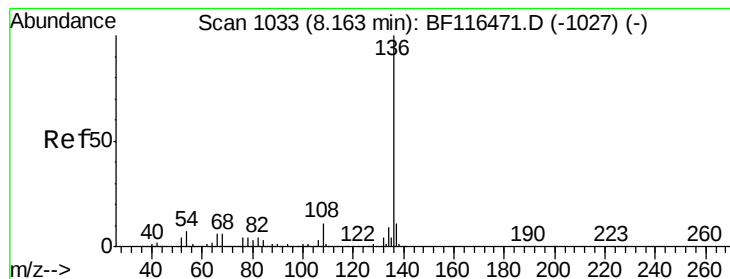
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 496757

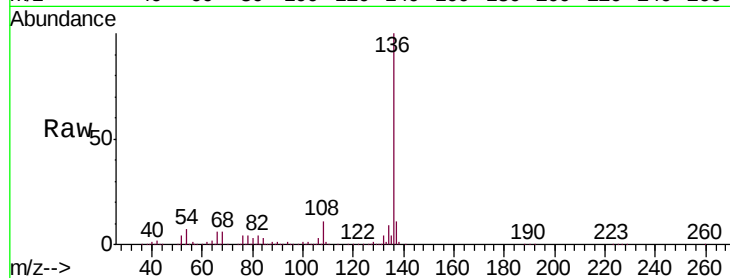
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.2 5.8 8.6

68 6.4 5.1 7.7

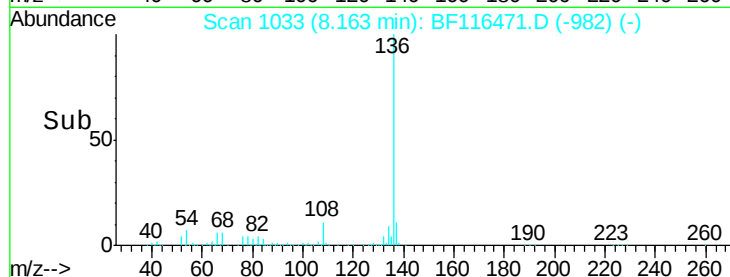


Abundance Ion 136.00 (135.70 to 136.70): E

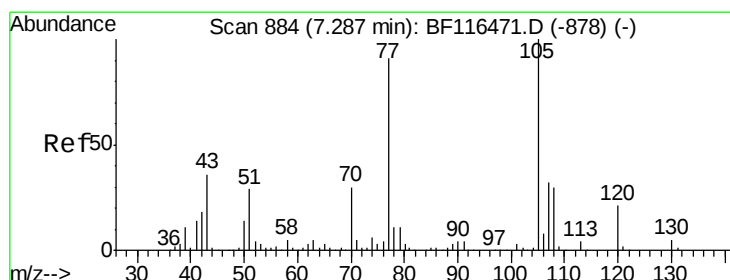
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 8.10 8.15 8.20



#22

Acetophenone

Concen: 43.445 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Tgt Ion:105 Resp: 473309

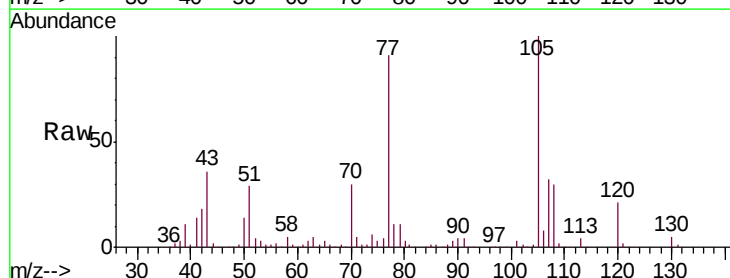
Ion Ratio Lower Upper

105 100

71 5.2 4.2 6.2

51 28.7 23.0 34.4

120 20.6 16.5 24.7

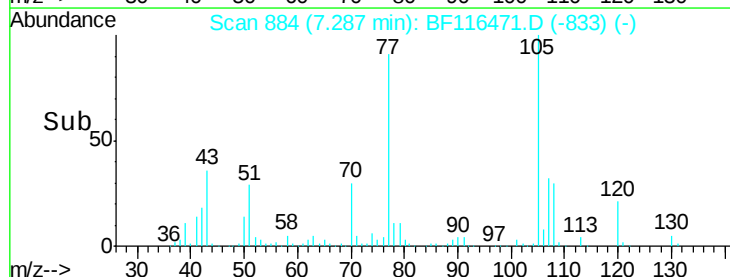


Abundance Ion 105.00 (104.70 to 105.70): E

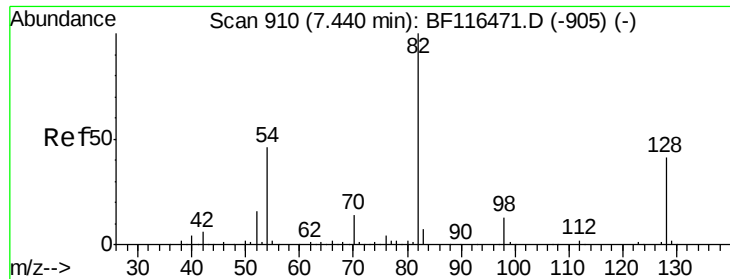
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



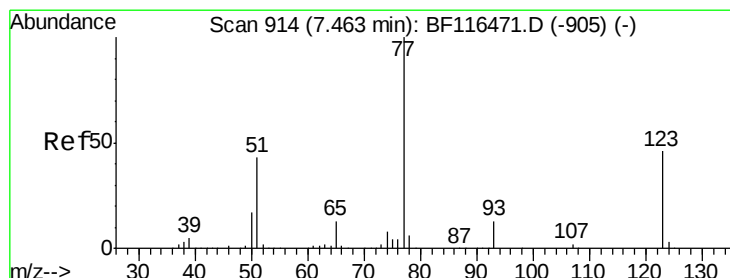
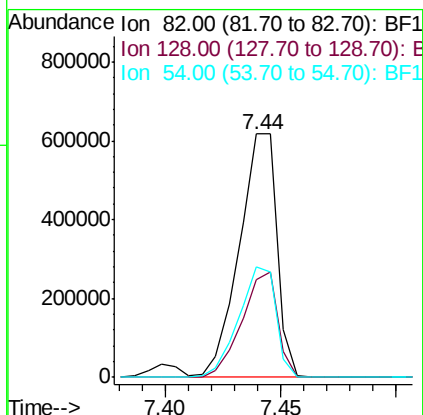
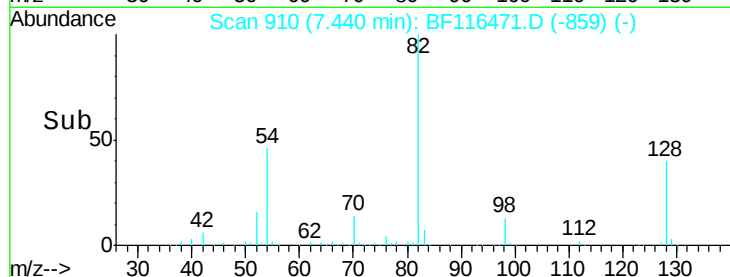
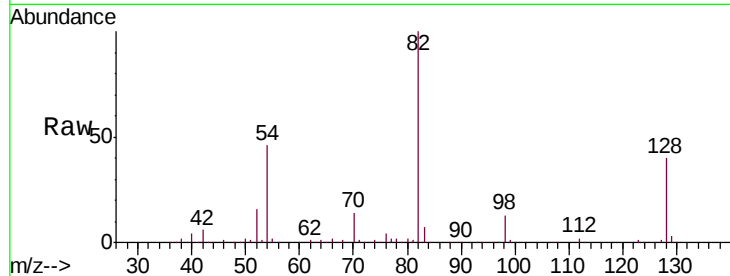
Time--> 7.25 7.30



#23
 Nitrobenzene-d5
 Concen: 82.037 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

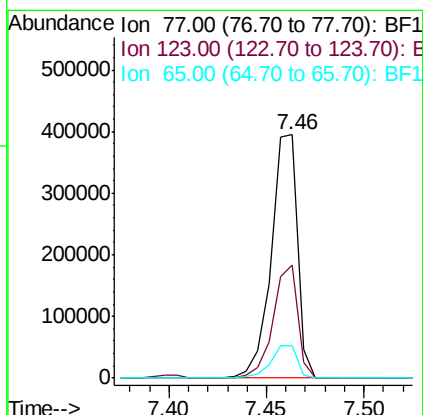
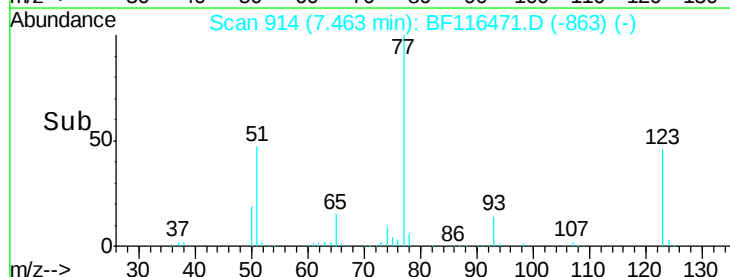
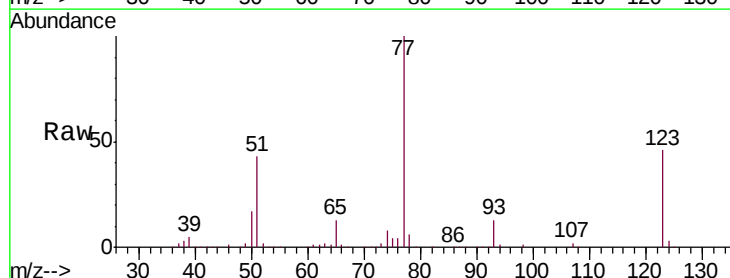
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

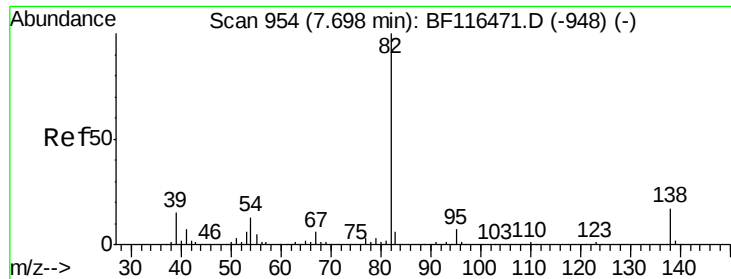
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.2	48.4
54	45.6	36.5	54.7



#24
 Nitrobenzene
 Concen: 39.746 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.2	37.0	55.4
65	13.1	10.5	15.7





#25

Isophorone

Concen: 39.725 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

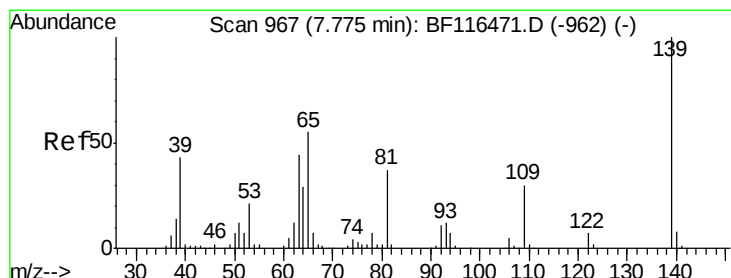
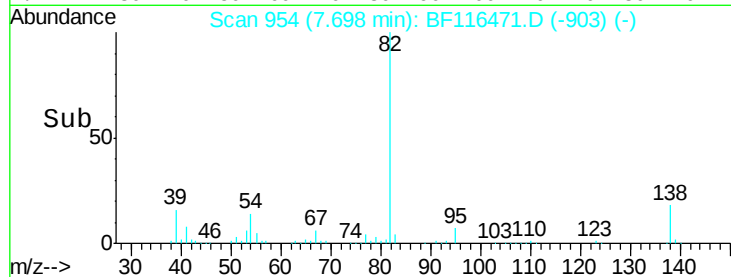
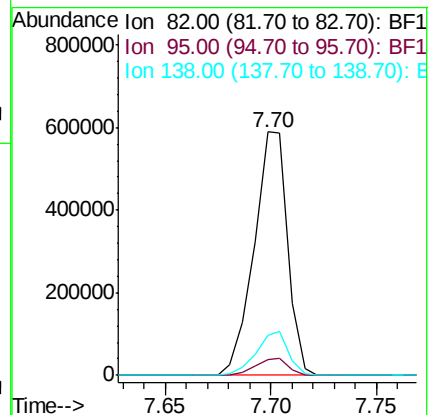
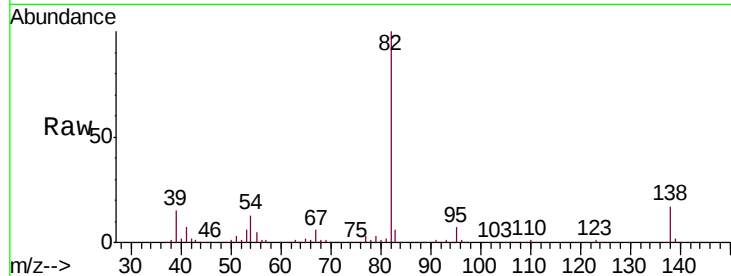
Tgt Ion: 82 Resp: 653697

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 16.6 13.3 19.9



#26

2-Nitrophenol

Concen: 30.918 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

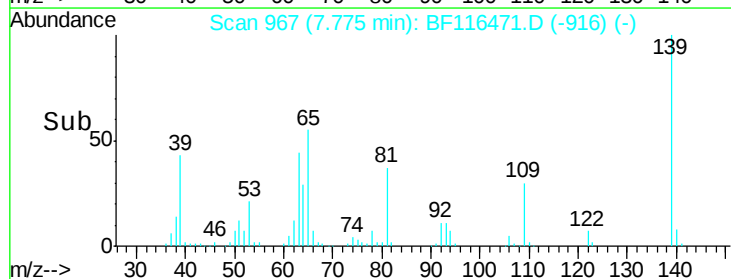
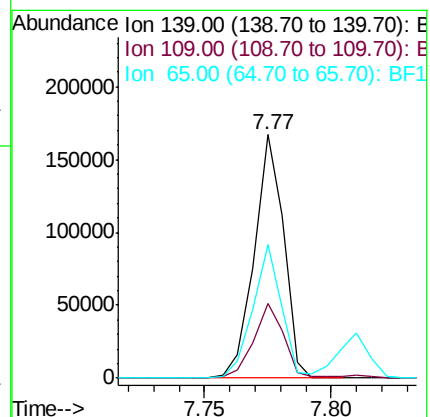
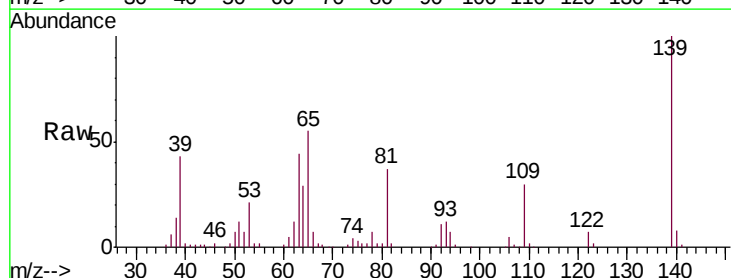
Tgt Ion: 139 Resp: 135428

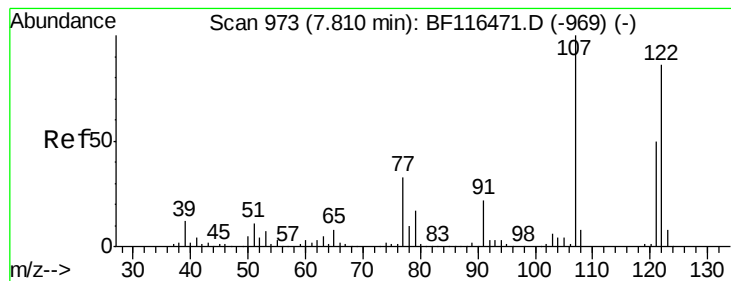
Ion Ratio Lower Upper

139 100

109 30.4 24.3 36.5

65 55.0 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 40.260 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

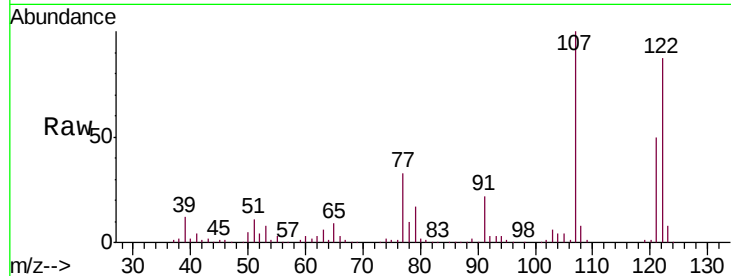
Tgt Ion: 122 Resp: 265311

Ion Ratio Lower Upper

122 100

107 115.5 92.4 138.6

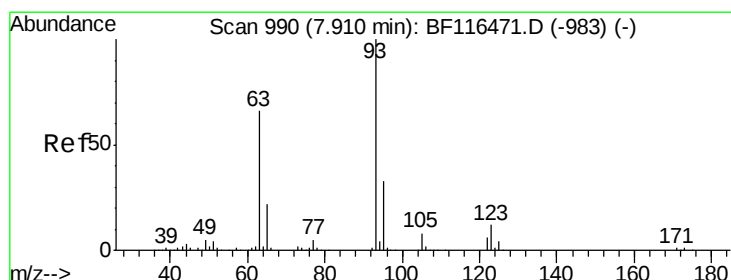
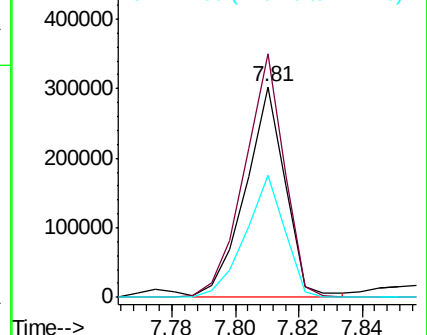
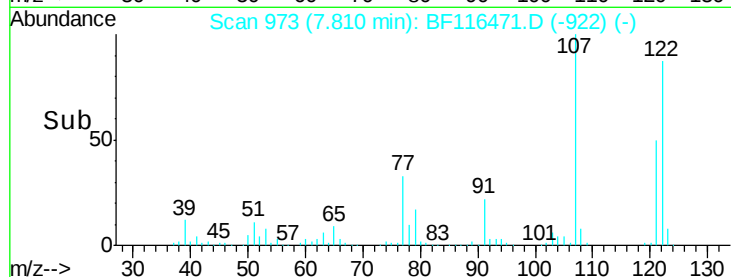
121 57.8 46.2 69.4



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: 39.990 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

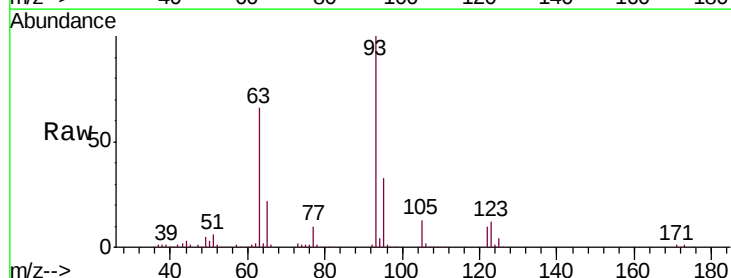
Tgt Ion: 93 Resp: 407878

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

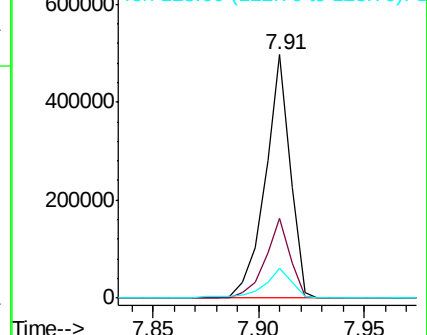
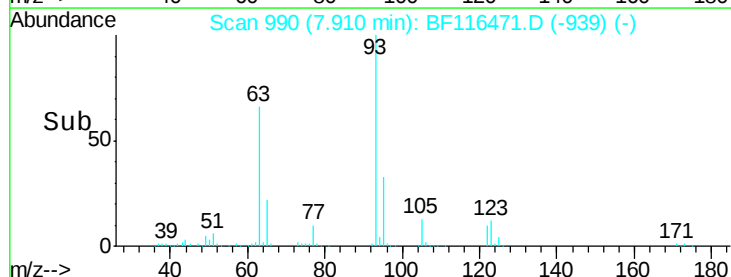
123 12.2 9.8 14.6

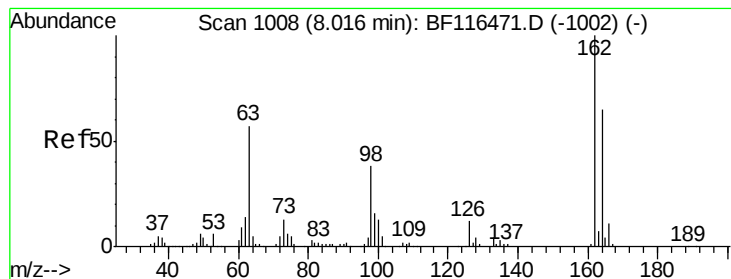


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.976 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

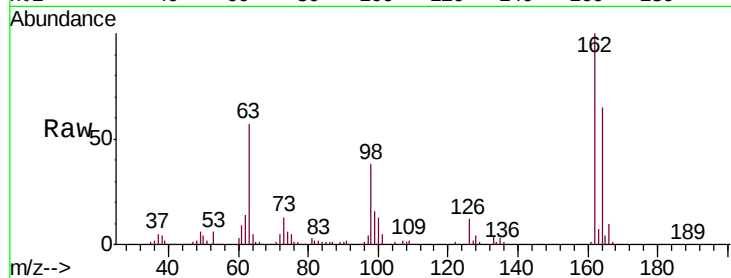
Tgt Ion:162 Resp: 264239

Ion Ratio Lower Upper

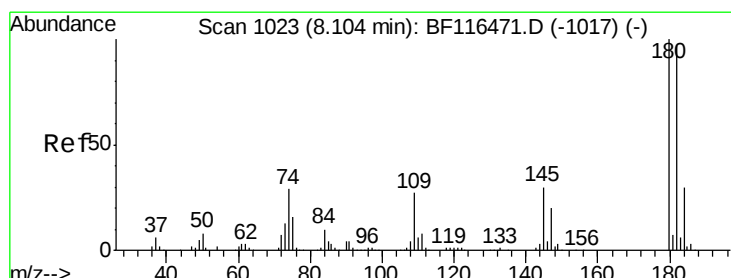
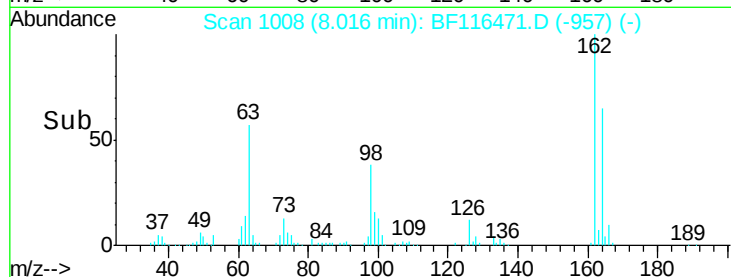
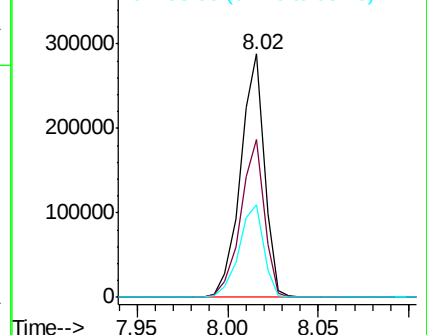
162 100

164 64.9 44.9 84.9

98 37.9 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: 38.967 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

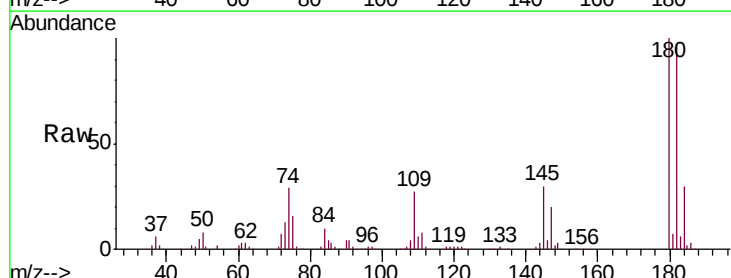
Tgt Ion:180 Resp: 309075

Ion Ratio Lower Upper

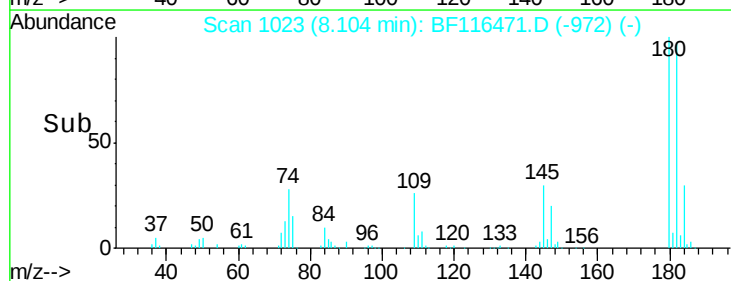
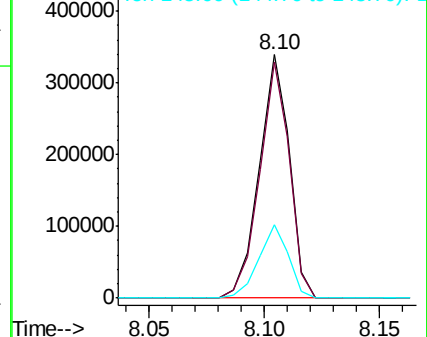
180 100

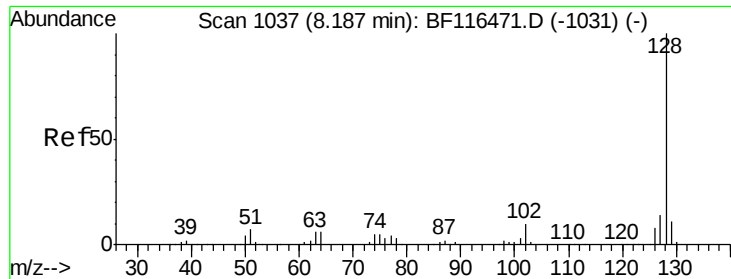
182 96.7 77.4 116.0

145 30.4 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

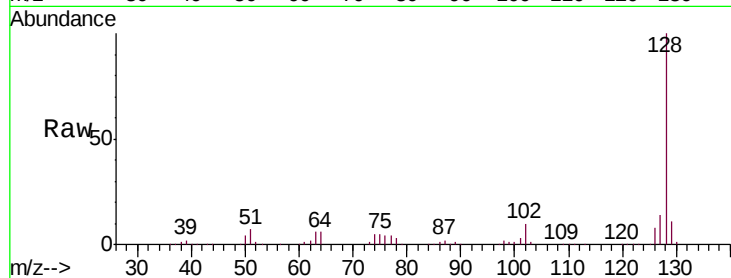




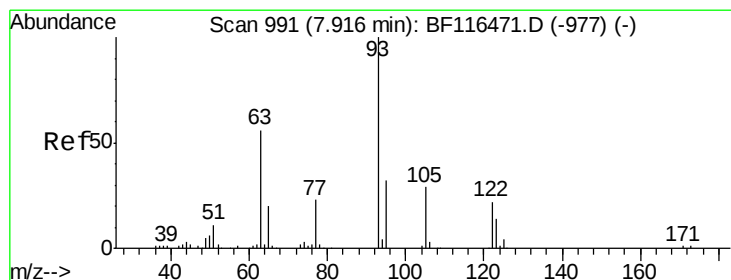
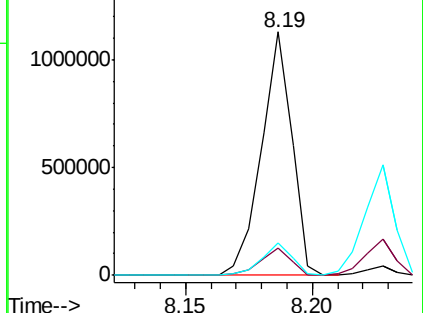
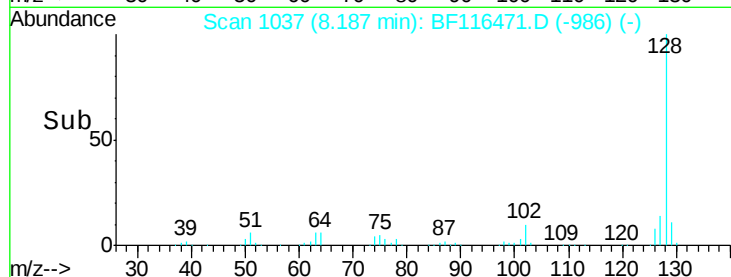
#31
Naphthalene
Concen: 40.741 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF116471.D
Acq: 23 Aug 2019 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 952375
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.6 10.9 16.3

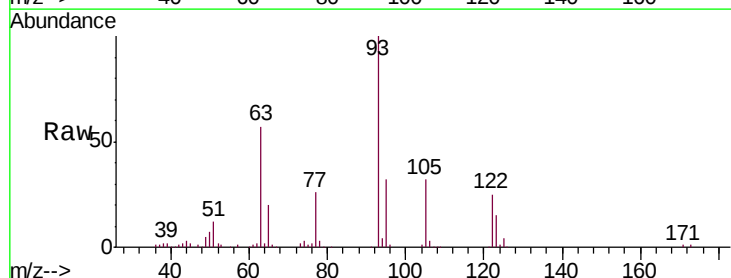


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

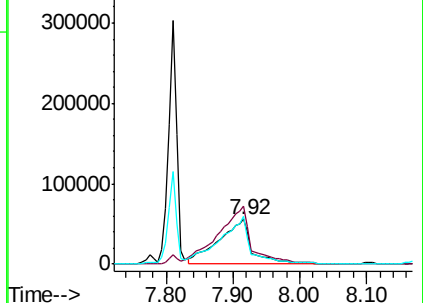
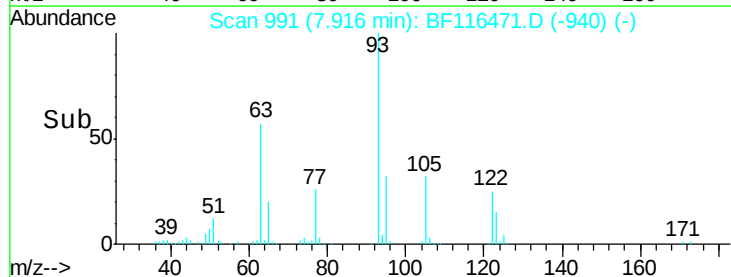


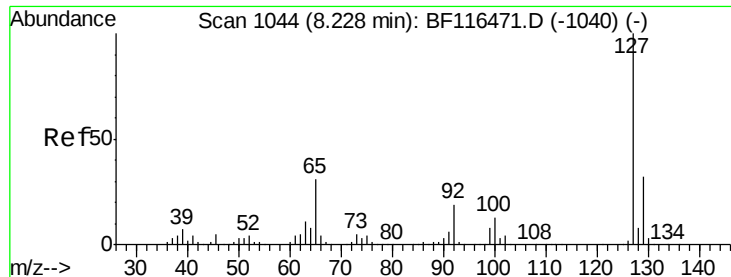
#32
Benzoic acid
Concen: 41.426 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF116471.D
Acq: 23 Aug 2019 11:07

Tgt Ion:122 Resp: 192471
Ion Ratio Lower Upper
122 100
105 129.9 109.9 149.9
77 104.9 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

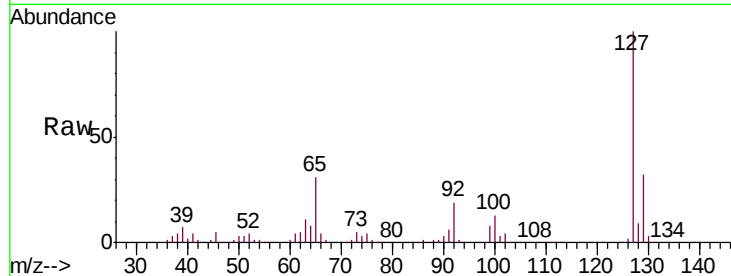




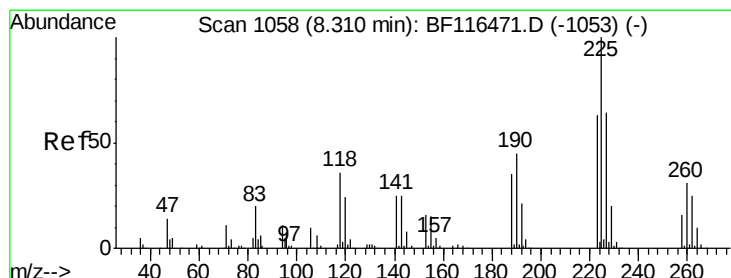
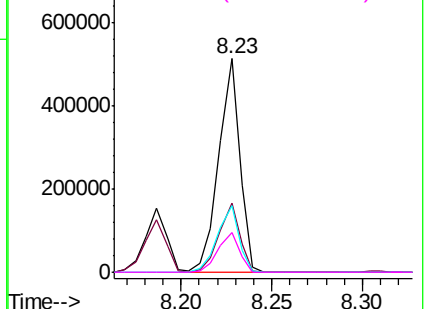
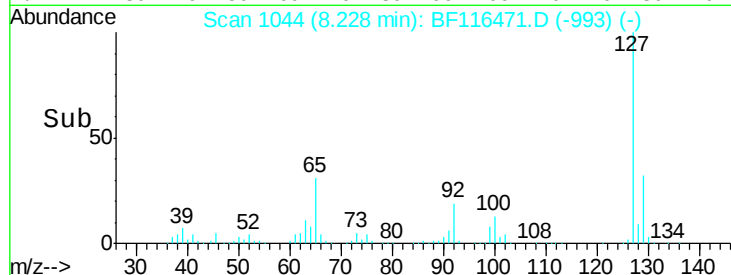
#33
4-Chloroaniline
Concen: 40.013 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF116471.D
Acq: 23 Aug 2019 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:	127	Resp:	417927
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	31.3	25.0	37.6
92	18.8	15.0	22.6

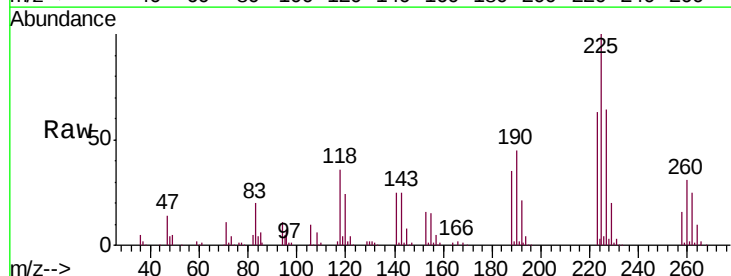


Abundance Ion 127.00 (126.70 to 127.70): E
800000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

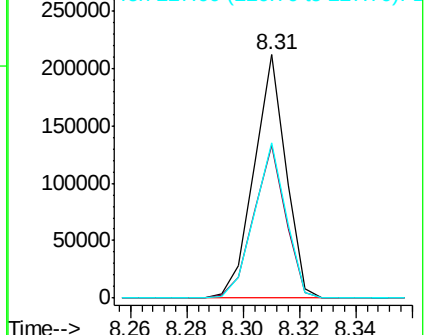
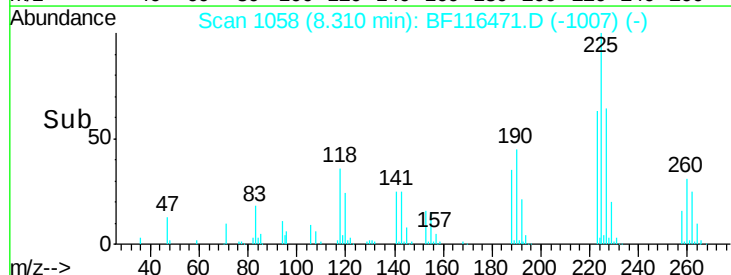


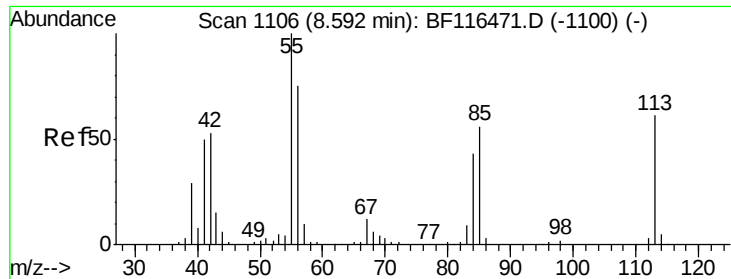
#34
Hexachlorobutadiene
Concen: 36.216 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF116471.D
Acq: 23 Aug 2019 11:07

Tgt Ion:	225	Resp:	165457
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
250000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

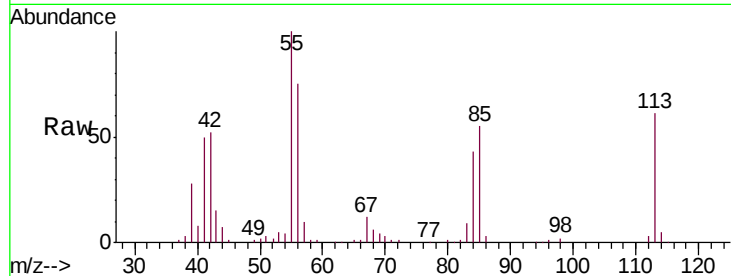




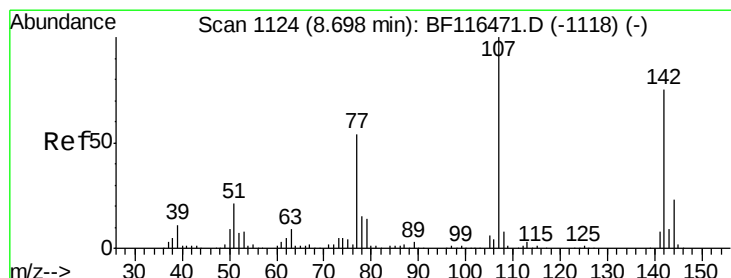
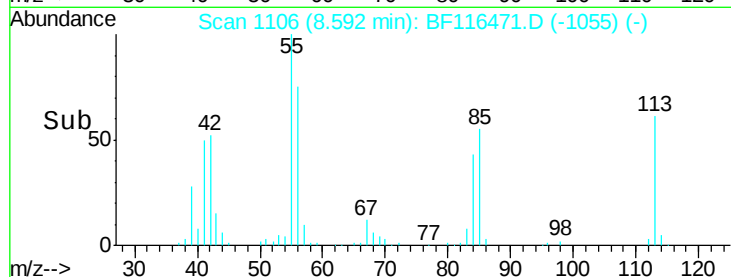
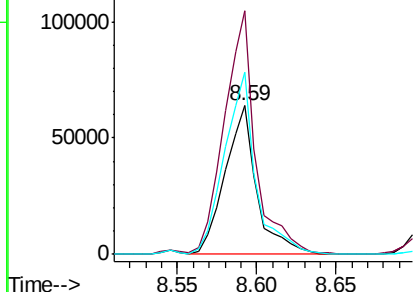
#35
 Caprolactam
 Concen: 39.524 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:113 Resp: 88947
 Ion Ratio Lower Upper
 113 100
 55 163.6 143.6 183.6
 56 122.3 102.3 142.3

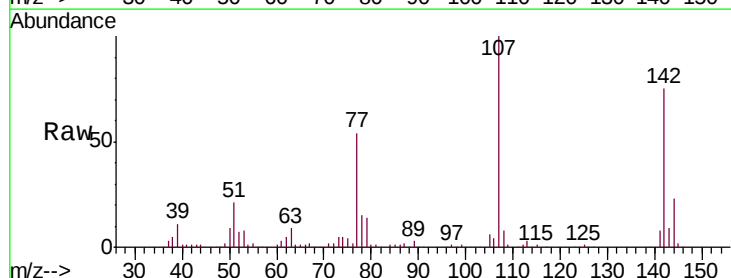


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

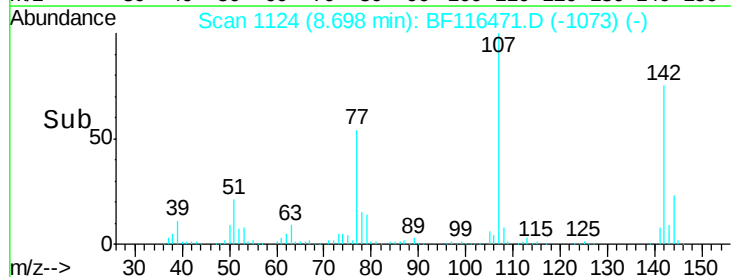
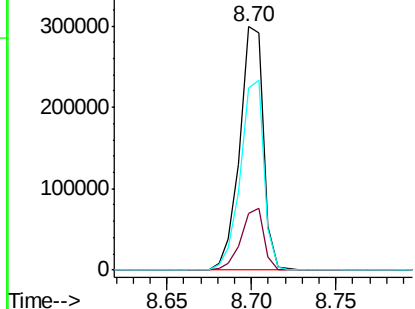


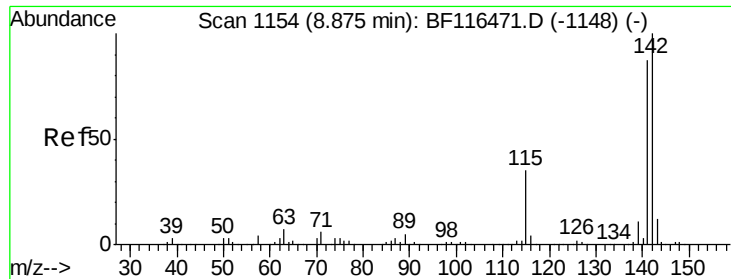
#36
 4-Chloro-3-methylphenol
 Concen: 40.423 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Tgt Ion:107 Resp: 292611
 Ion Ratio Lower Upper
 107 100
 144 23.5 18.8 28.2
 142 74.7 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

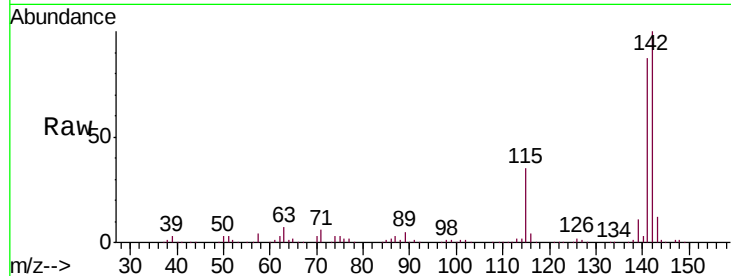




#37
 2-Methylnaphthalene
 Concen: 40.739 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.8	104.6
115	34.6	27.7	41.5

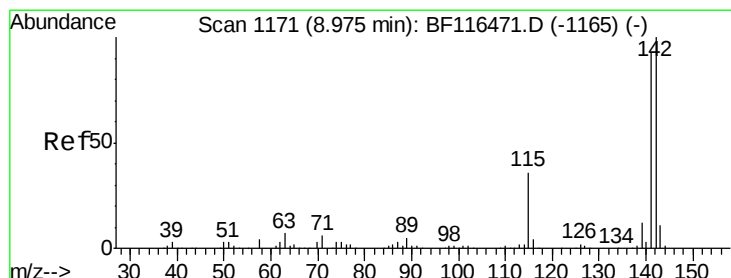
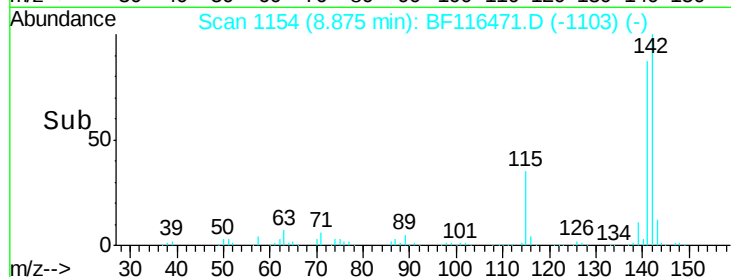
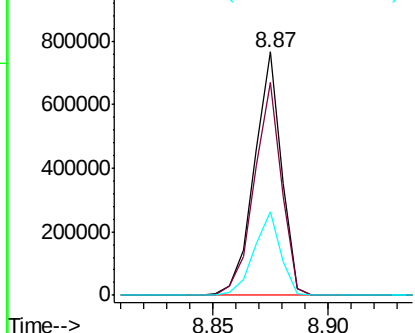


Abundance

Ion 142.00 (141.70 to 142.70): E

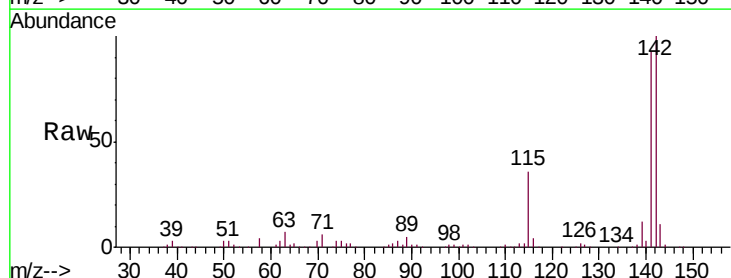
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 40.640 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.2	111.2
116	3.6	2.9	4.3

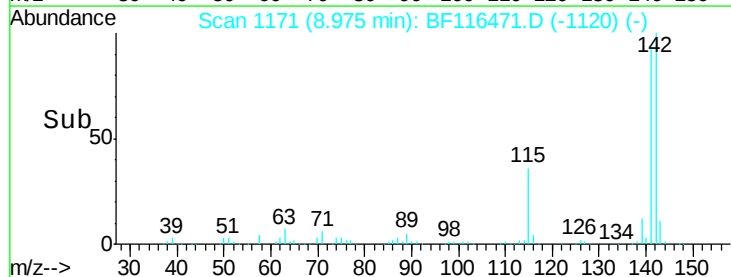
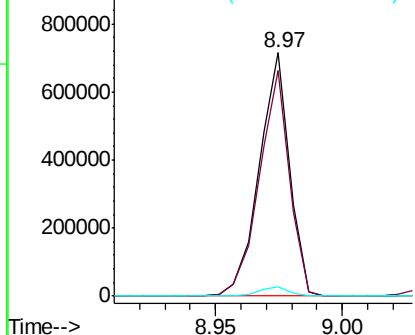


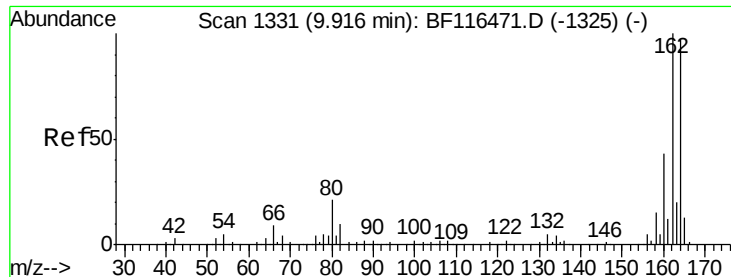
Abundance

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

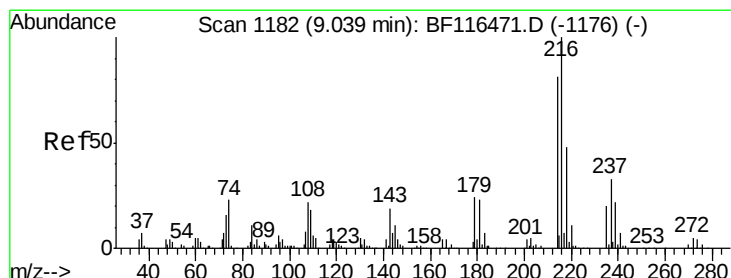
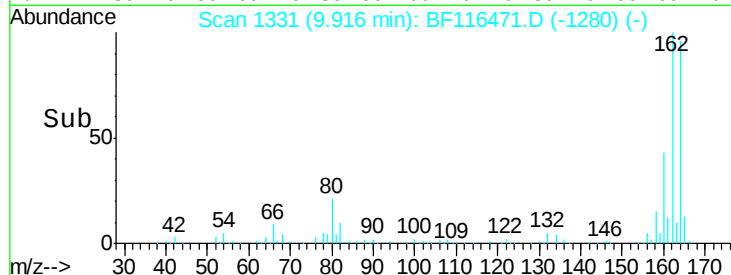
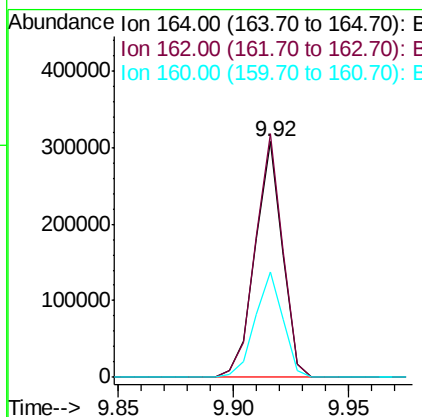
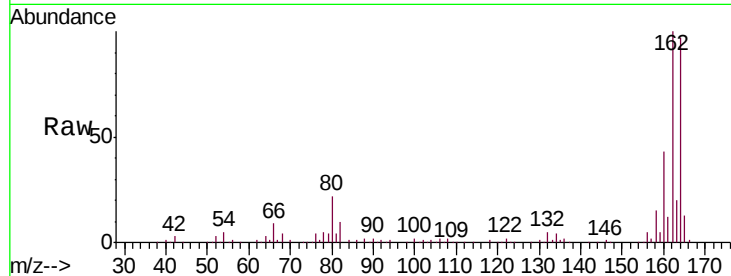




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

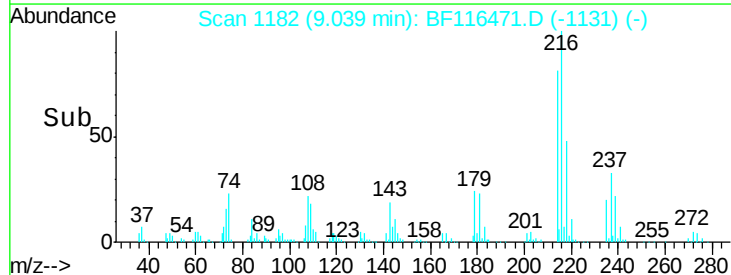
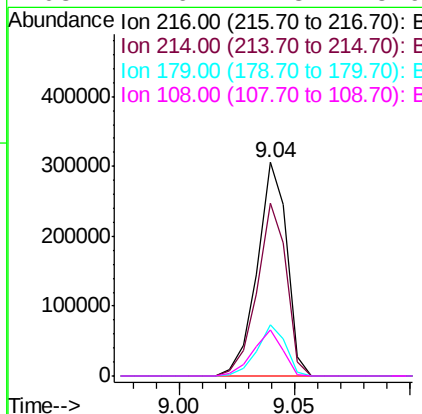
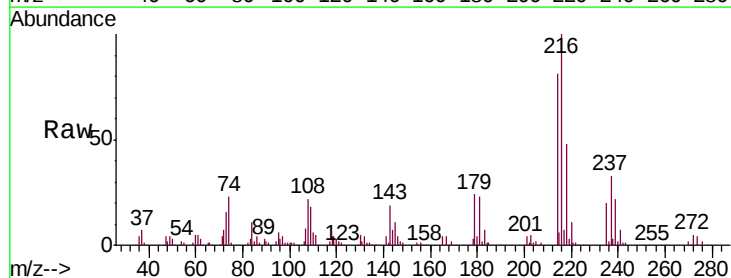
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

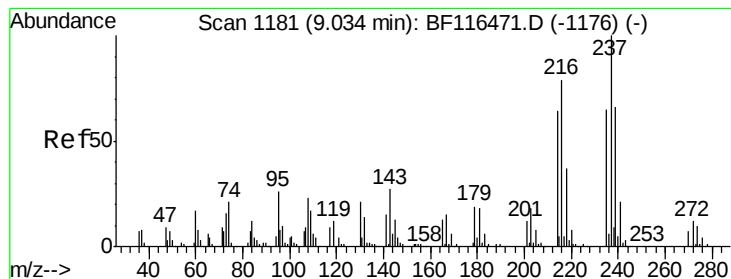
Tgt Ion:164 Resp: 254866
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 44.8 35.8 53.8



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.266 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Tgt Ion:216 Resp: 274355
 Ion Ratio Lower Upper
 216 100
 214 79.8 63.8 95.8
 179 23.1 18.5 27.7
 108 21.6 17.3 25.9





#41

Hexachlorocyclopentadiene

Concen: 53.869 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

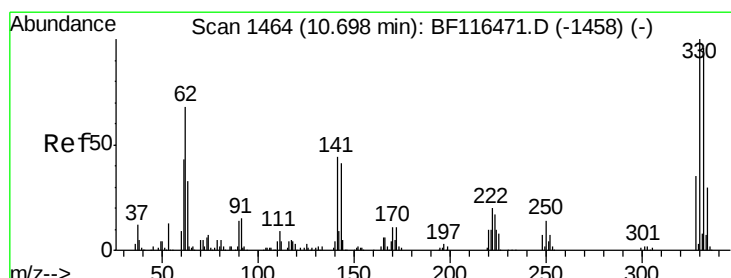
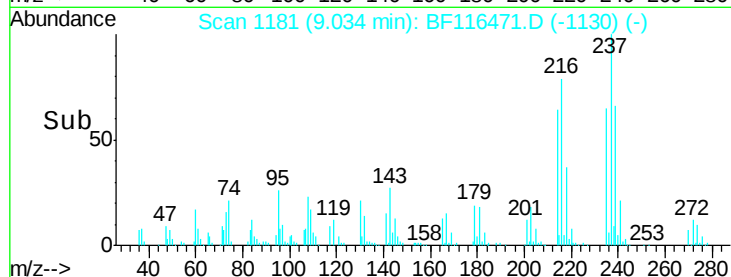
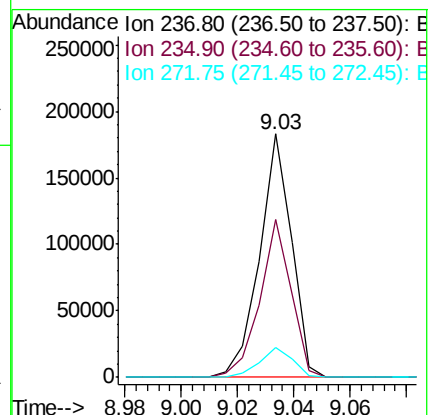
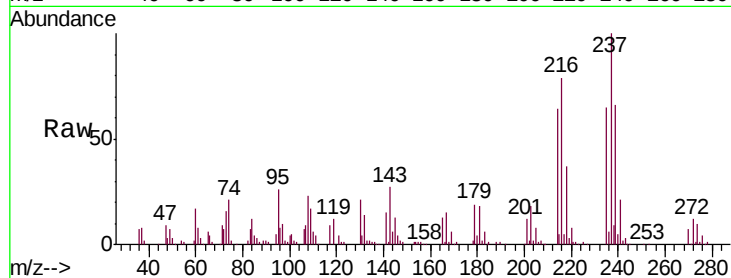
Tgt Ion: 237 Resp: 143469

Ion Ratio Lower Upper

237 100

235 64.8 44.8 84.8

272 12.5 0.0 32.5



#42

2,4,6-Tribromophenol

Concen: 72.076 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

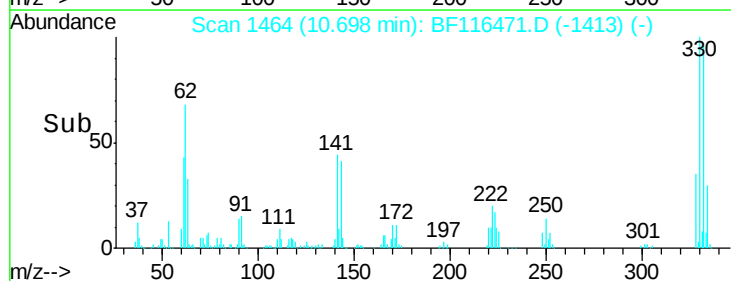
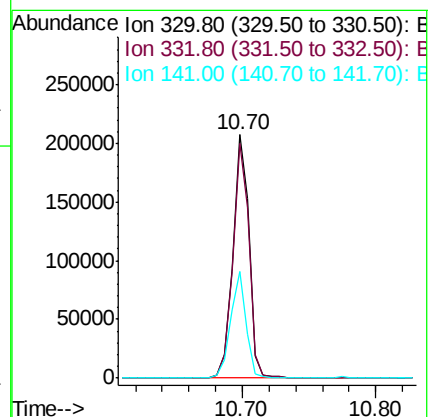
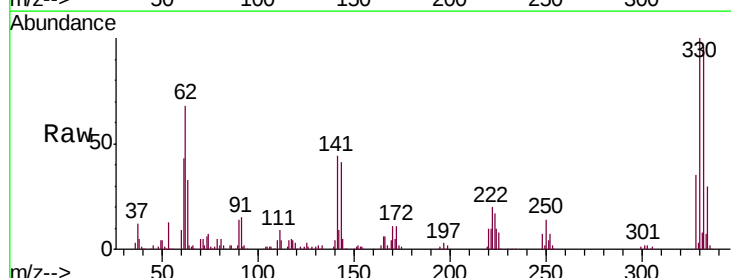
Tgt Ion: 330 Resp: 178100

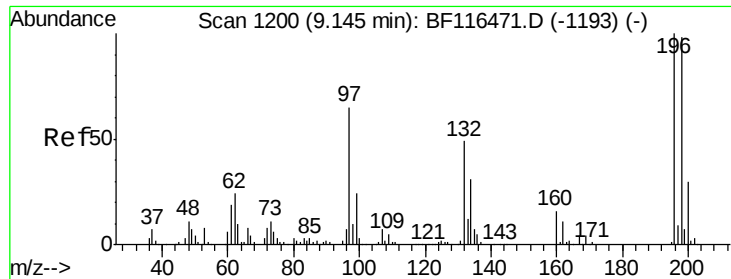
Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

141 41.6 33.3 49.9

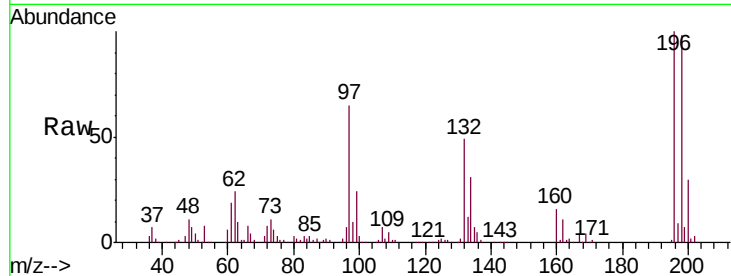




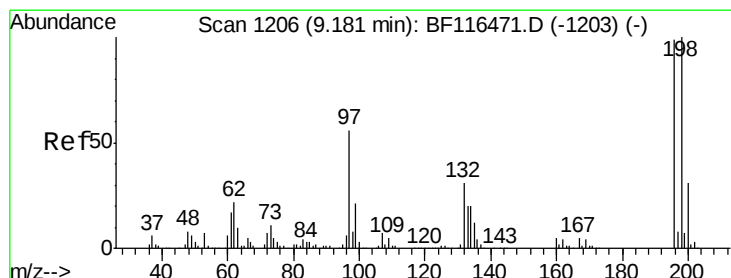
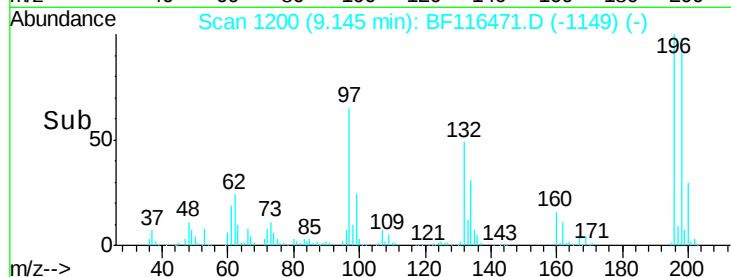
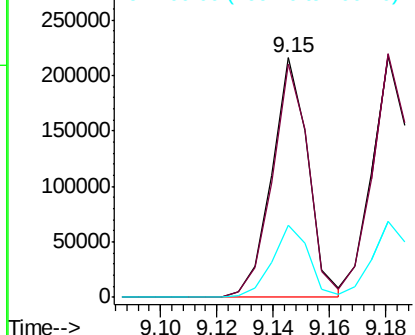
#43
 2,4,6-Trichlorophenol
 Concen: 40.819 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:196 Resp: 191437
 Ion Ratio Lower Upper
 196 100
 198 97.5 78.0 117.0
 200 30.2 24.2 36.2

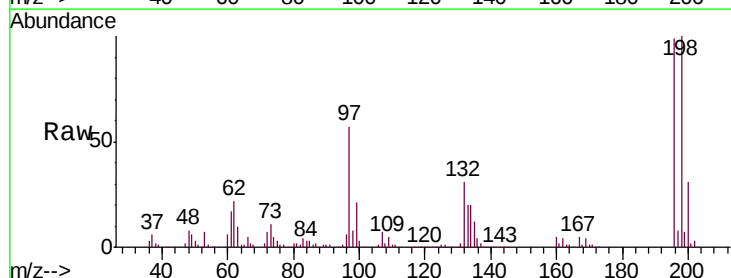


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

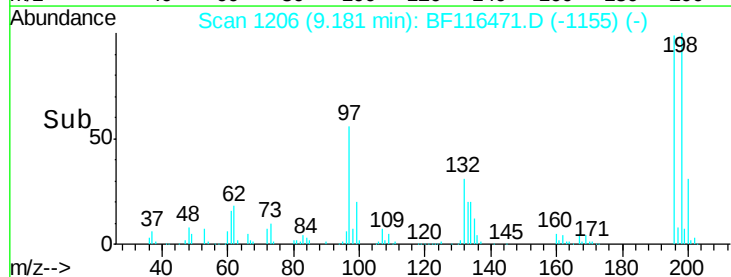
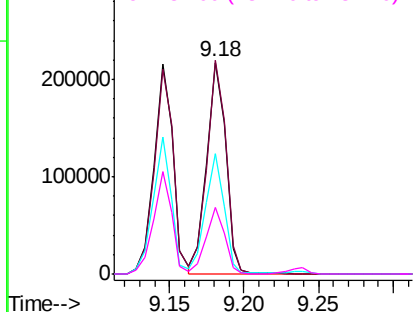


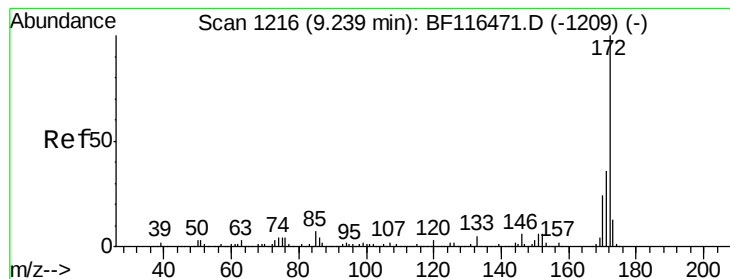
#44
 2,4,5-Trichlorophenol
 Concen: 40.063 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Tgt Ion:196 Resp: 194225
 Ion Ratio Lower Upper
 196 100
 198 101.0 80.8 121.2
 97 57.1 45.7 68.5
 132 31.4 25.1 37.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 91.787 ng

RT: 9.24 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Instrument :

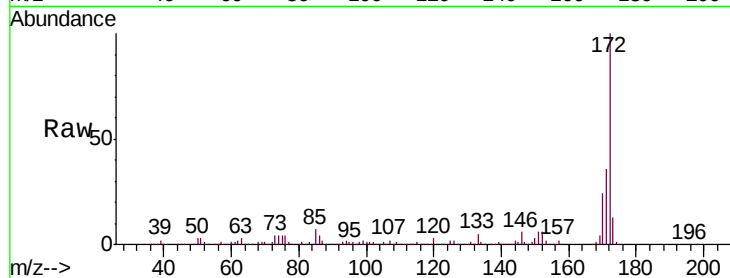
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:172 Resp: 1248927

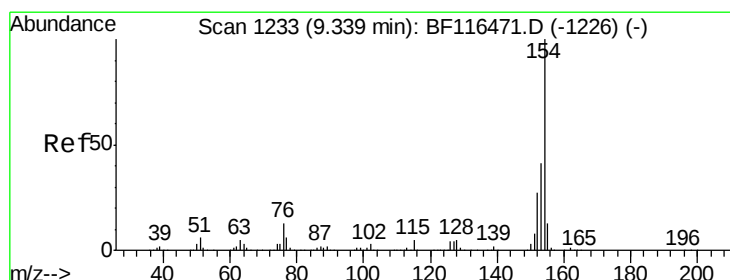
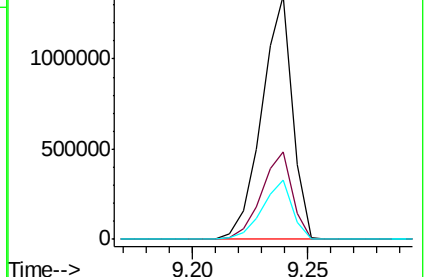
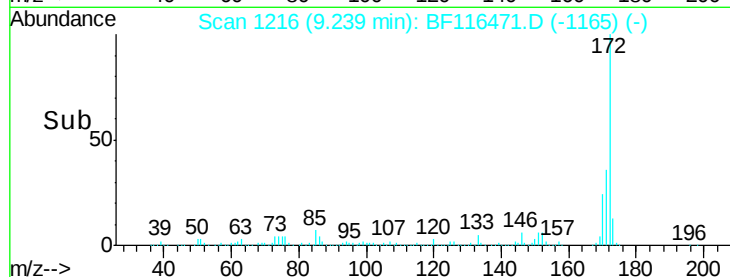
Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.2	19.4	29.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 44.298 ng

RT: 9.34 min Scan# 1233

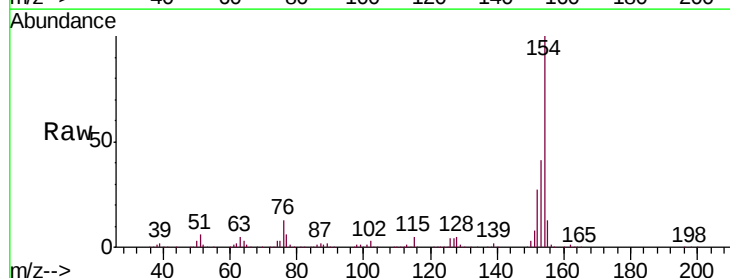
Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Tgt Ion:154 Resp: 797080

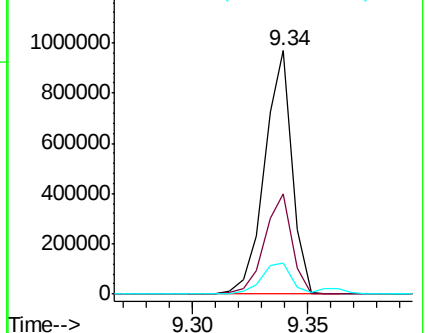
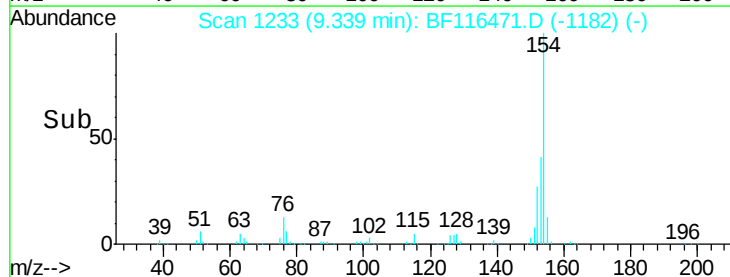
Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	12.9	0.0	32.9

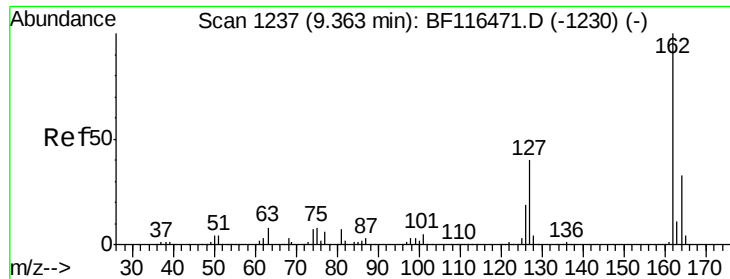


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

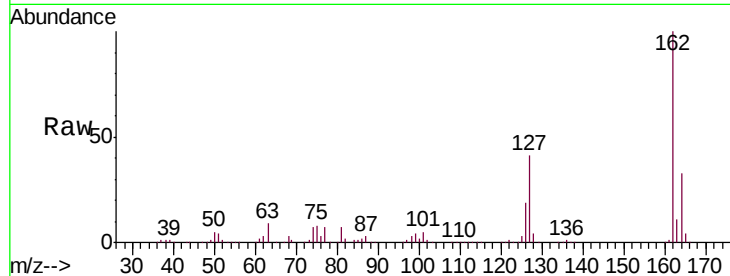




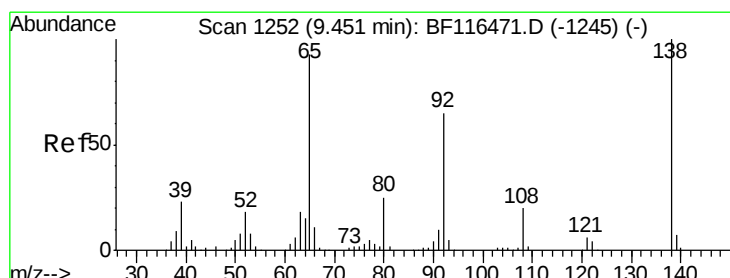
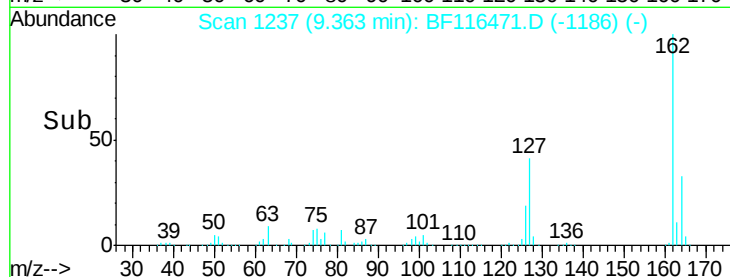
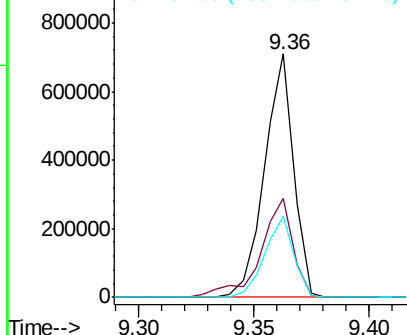
#47
 2-Chloronaphthalene
 Concen: 41.395 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion: 162 Resp: 619928
 Ion Ratio Lower Upper
 162 100
 127 40.6 32.5 48.7
 164 33.4 26.7 40.1

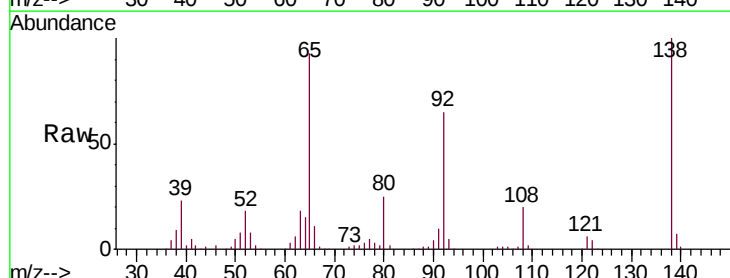


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

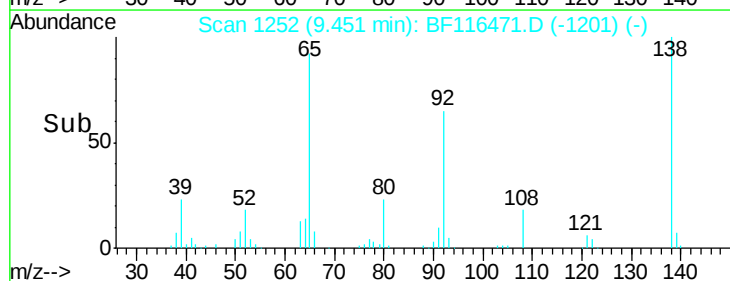
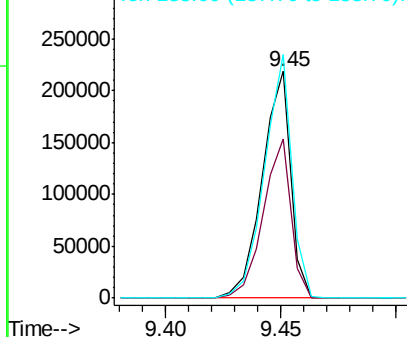


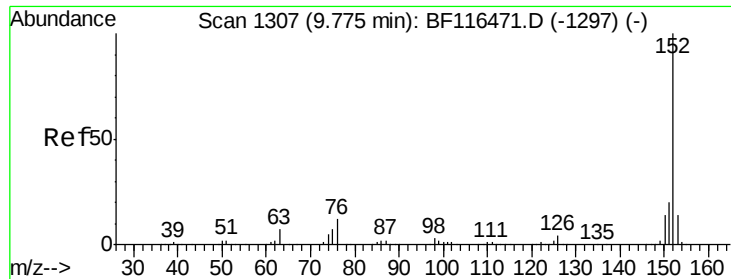
#48
 2-Nitroaniline
 Concen: 38.012 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Tgt Ion: 65 Resp: 188163
 Ion Ratio Lower Upper
 65 100
 92 70.2 56.2 84.2
 138 107.5 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: 42.397 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

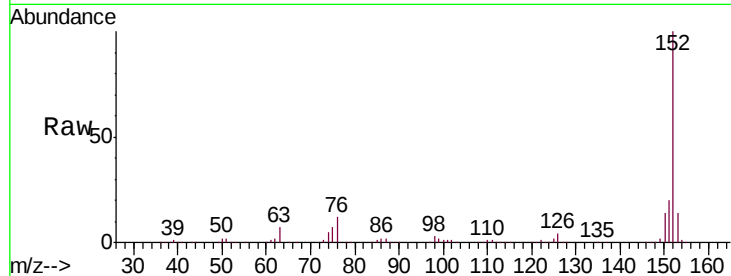
Tgt Ion:152 Resp: 926310

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

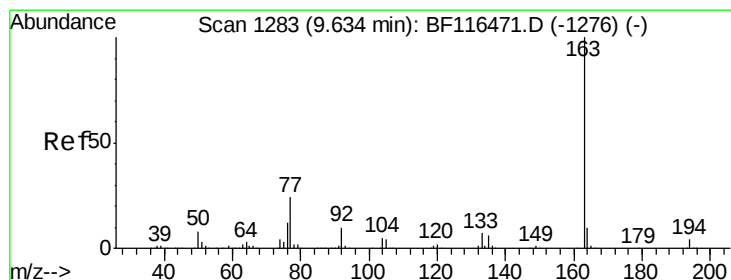
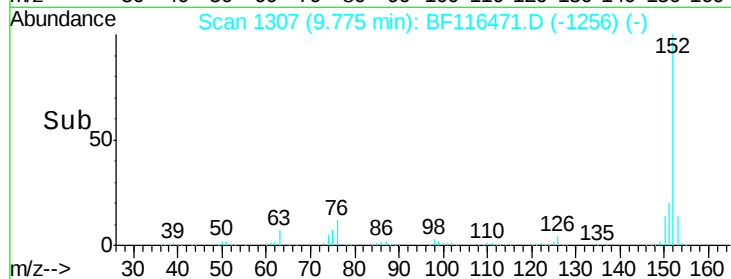
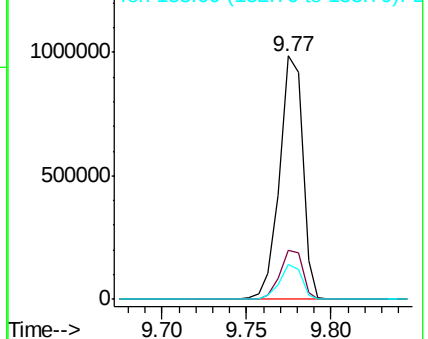
153 14.2 11.4 17.0



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: 40.041 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

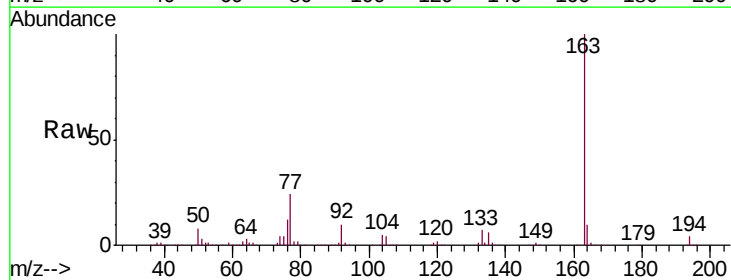
Tgt Ion:163 Resp: 694859

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

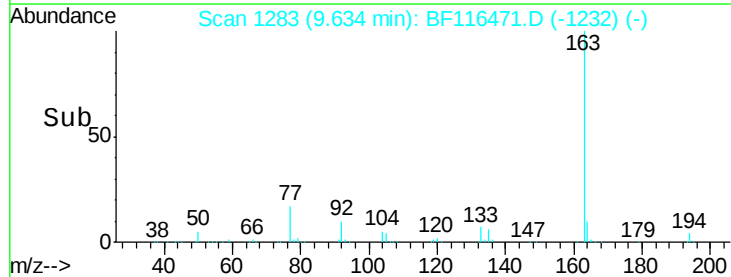
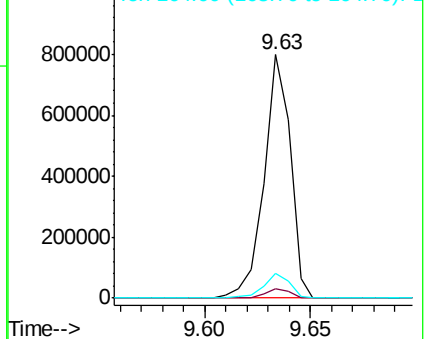
164 10.2 8.2 12.2

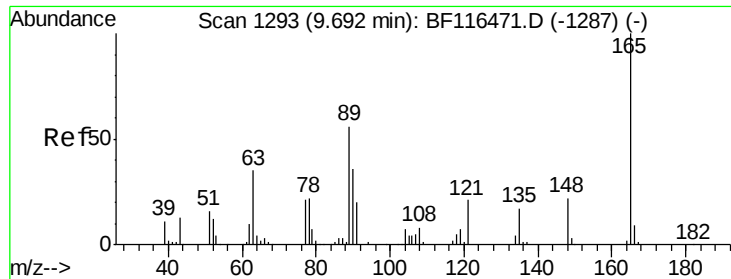


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.340 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

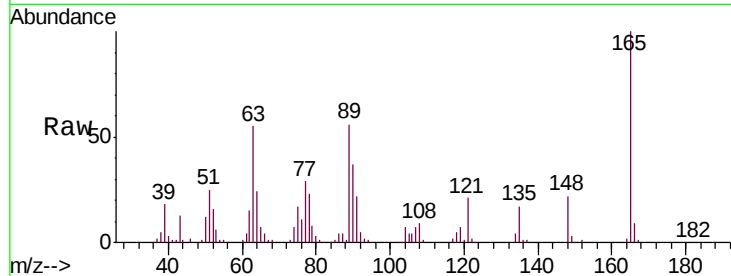
Tgt Ion:165 Resp: 144587

Ion Ratio Lower Upper

165 100

63 54.6 43.7 65.5

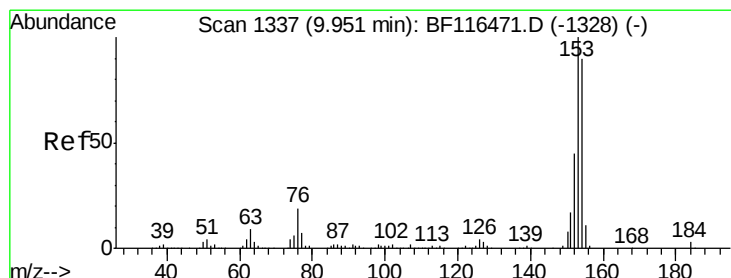
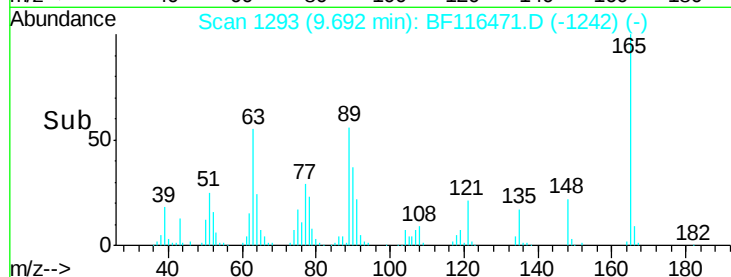
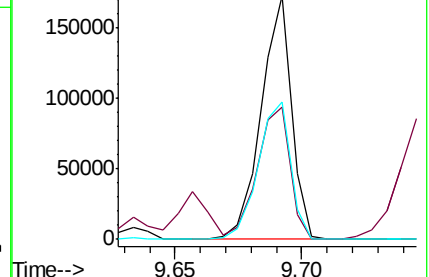
89 56.4 45.1 67.7



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: 43.734 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

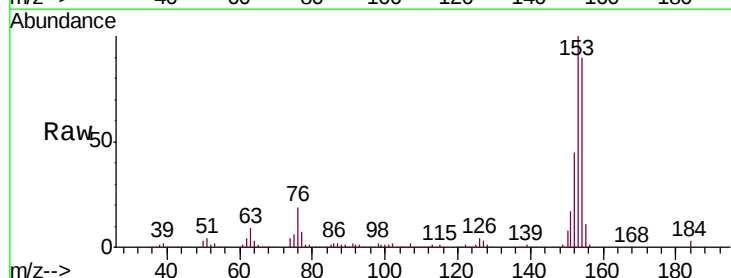
Tgt Ion:154 Resp: 586199

Ion Ratio Lower Upper

154 100

153 111.6 89.3 133.9

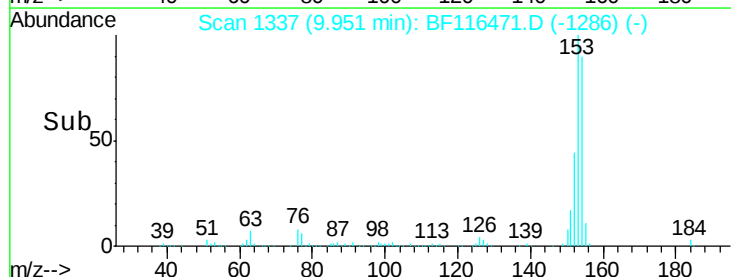
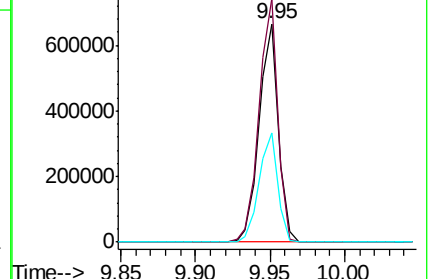
152 50.3 40.2 60.4

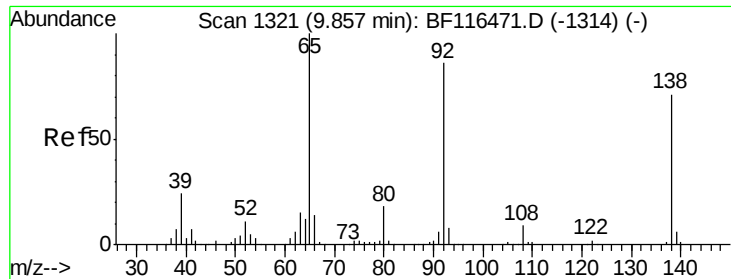


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

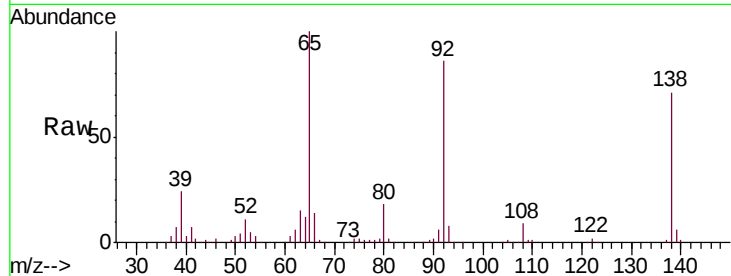




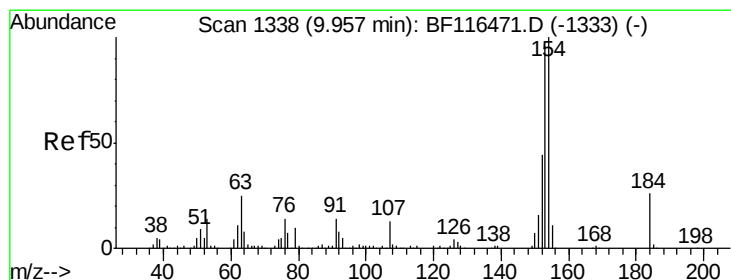
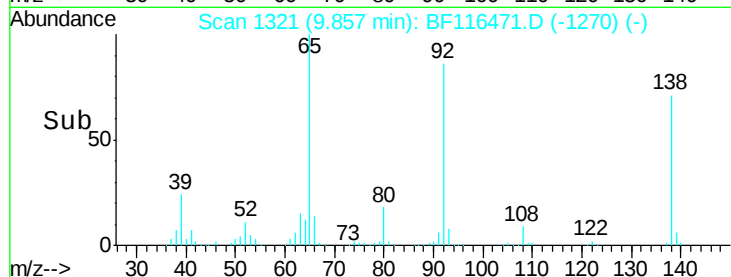
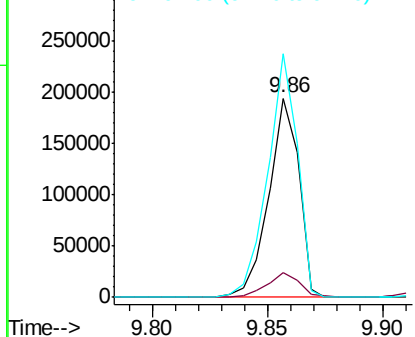
#53
3-Nitroaniline
Concen: 37.816 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF116471.D
Acq: 23 Aug 2019 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 176215
Ion Ratio Lower Upper
138 100
108 12.5 10.0 15.0
92 122.1 97.7 146.5

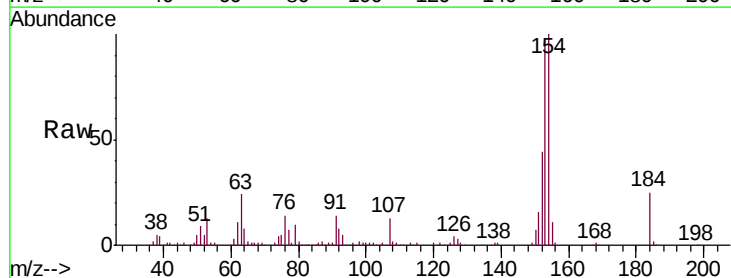


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

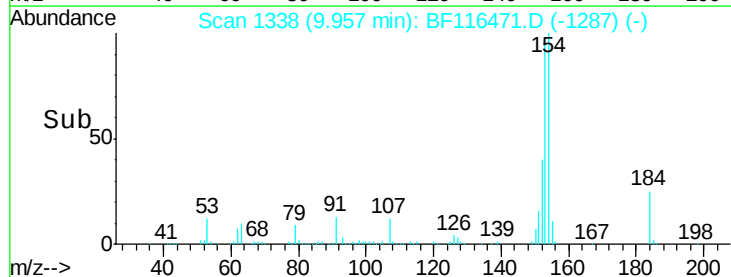
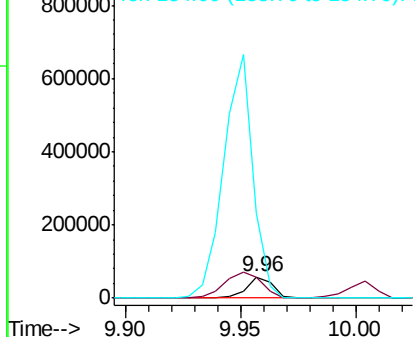


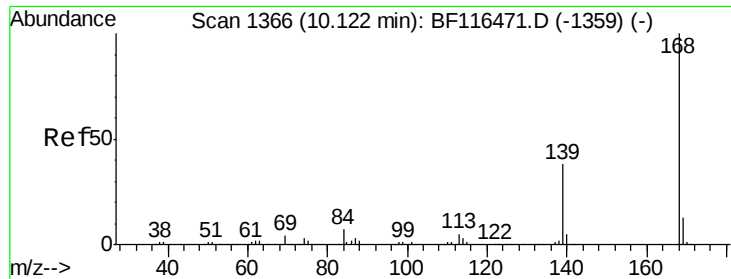
#54
2,4-Dinitrophenol
Concen: 28.252 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF116471.D
Acq: 23 Aug 2019 11:07

Tgt Ion:184 Resp: 45243
Ion Ratio Lower Upper
184 100
63 97.8 78.2 117.4
154 400.5 320.4 480.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

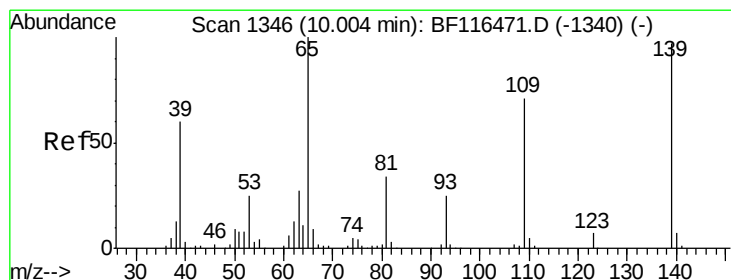
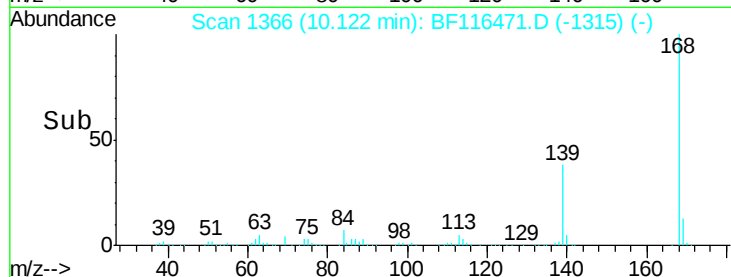
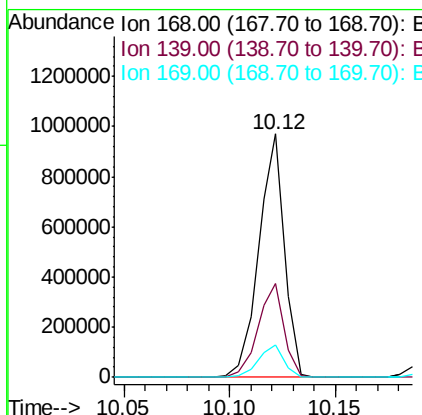
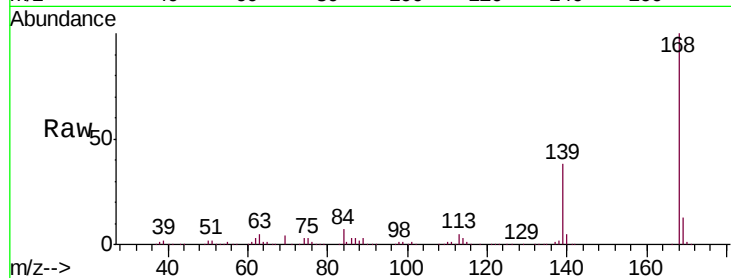




#55
Dibenzenofuran
Concen: 42.013 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF116471.D
Acq: 23 Aug 2019 11:07

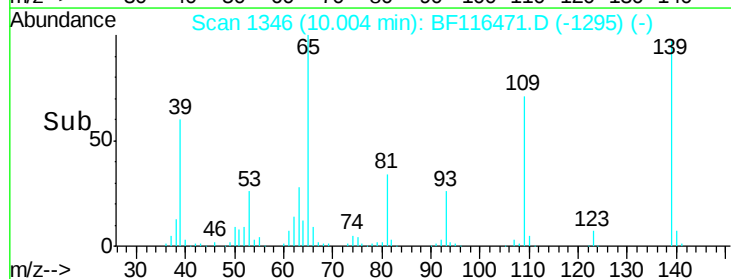
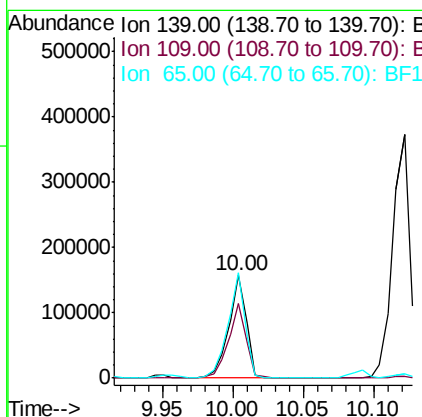
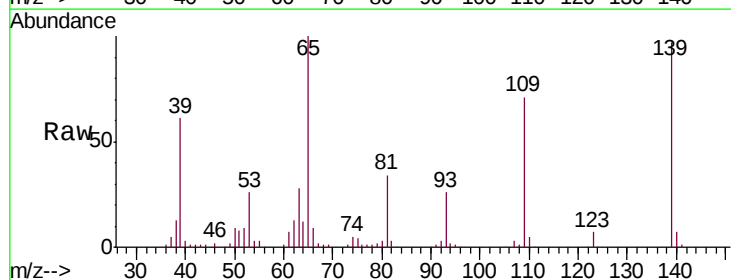
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 818926
Ion Ratio Lower Upper
168 100
139 38.4 30.7 46.1
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 45.978 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF116471.D
Acq: 23 Aug 2019 11:07

Tgt Ion:139 Resp: 137248
Ion Ratio Lower Upper
139 100
109 73.4 53.4 93.4
65 103.0 83.0 123.0

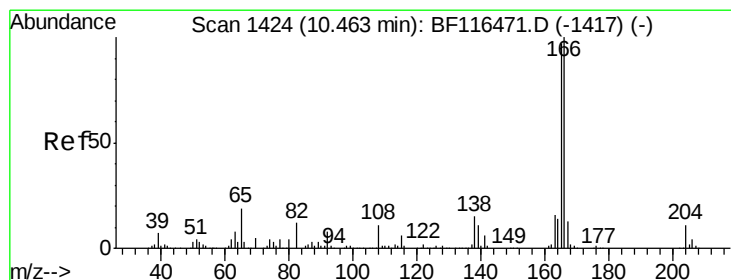
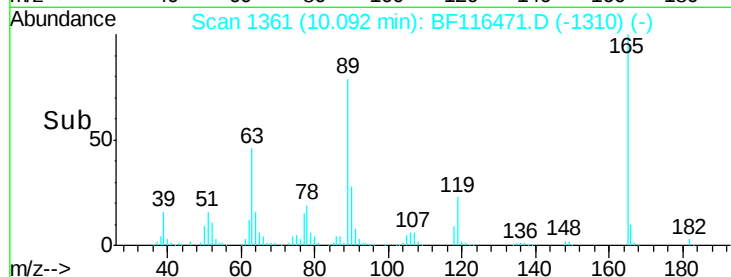
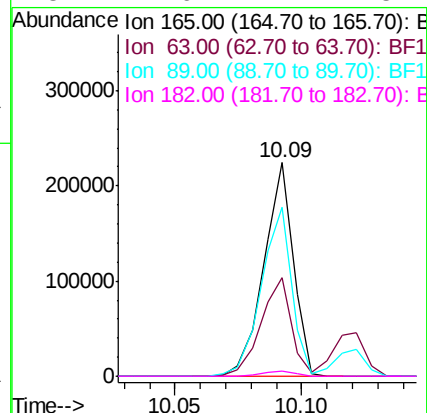
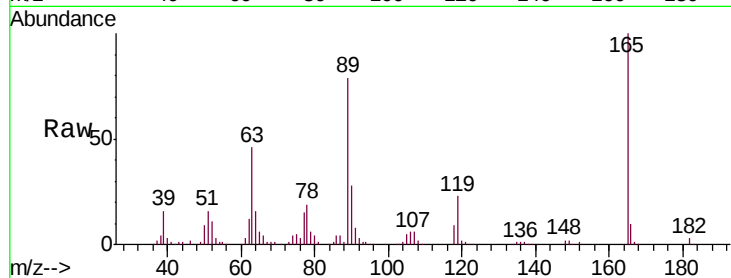




#57
2,4-Dinitrotoluene
Concen: 36.366 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF116471.D
Acq: 23 Aug 2019 11:07

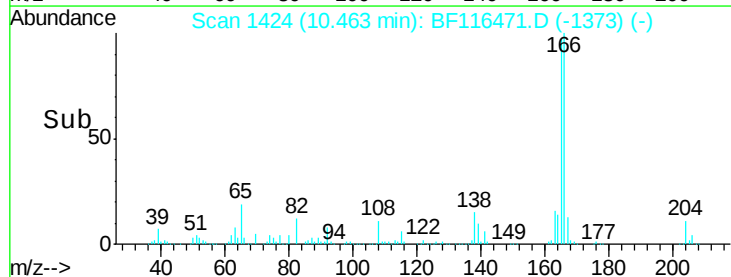
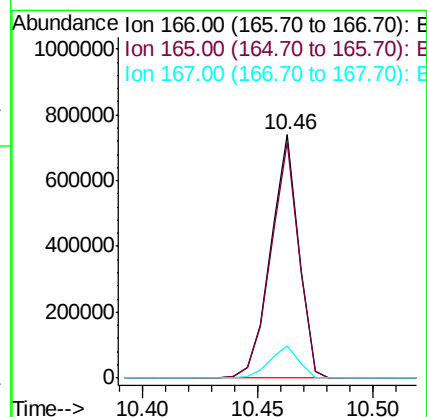
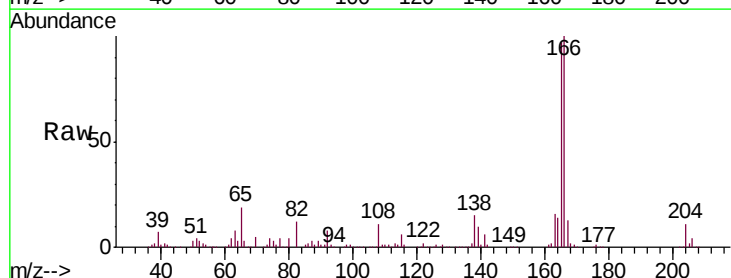
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

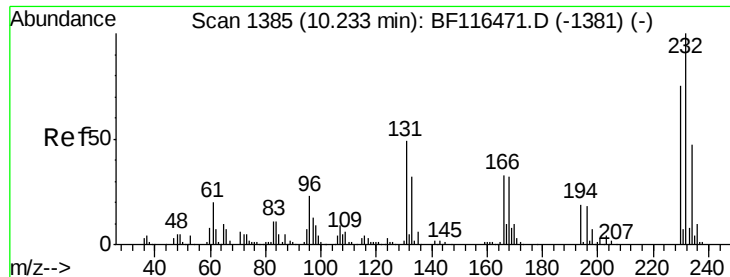
Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.1	36.9	55.3
89	79.2	63.4	95.0
182	2.6	2.1	3.1



#58
Fluorene
Concen: 41.463 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF116471.D
Acq: 23 Aug 2019 11:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.4	116.0
167	13.5	10.8	16.2

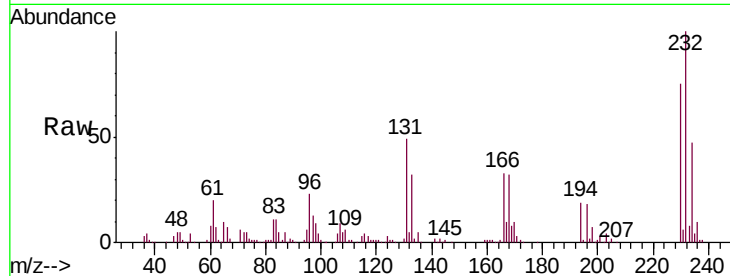




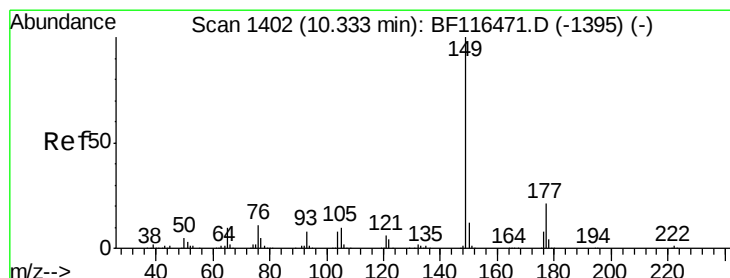
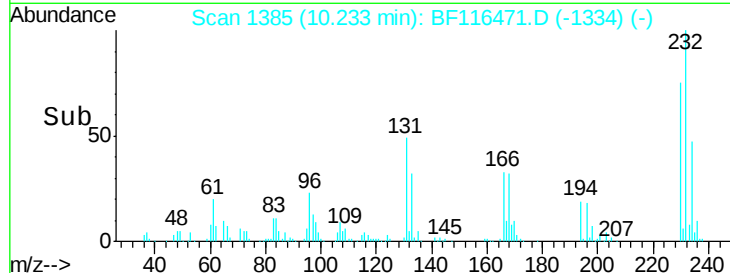
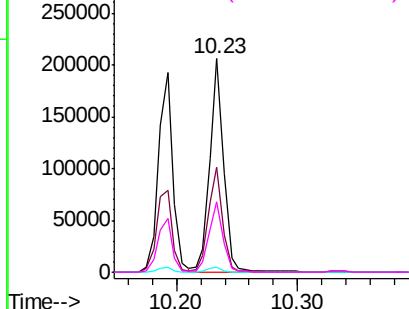
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.960 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:	232	Resp:	162981
Ion	Ratio	Lower	Upper
232	100		
131	51.0	40.8	61.2
130	2.3	1.8	2.8
166	33.5	26.8	40.2

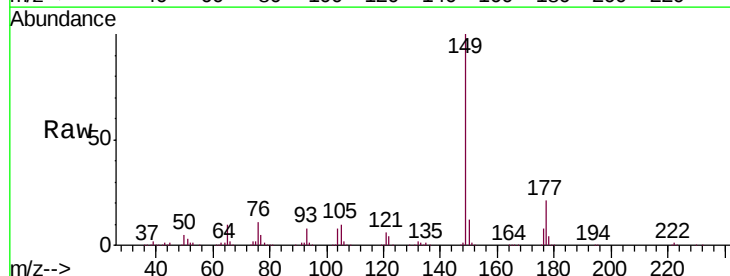


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

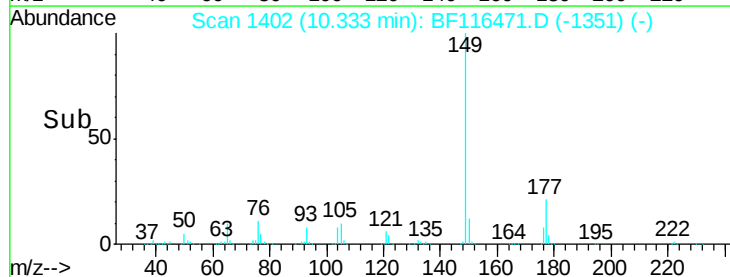
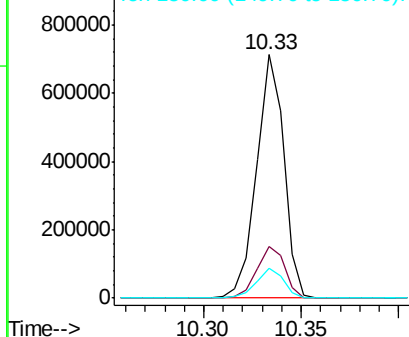


#60
 Diethylphthalate
 Concen: 42.589 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Tgt Ion:	149	Resp:	690017
Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.1	25.7
150	12.2	9.8	14.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

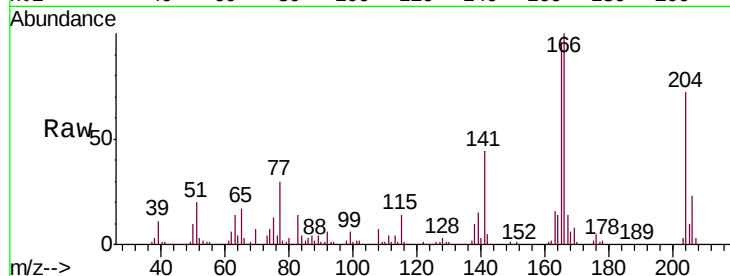




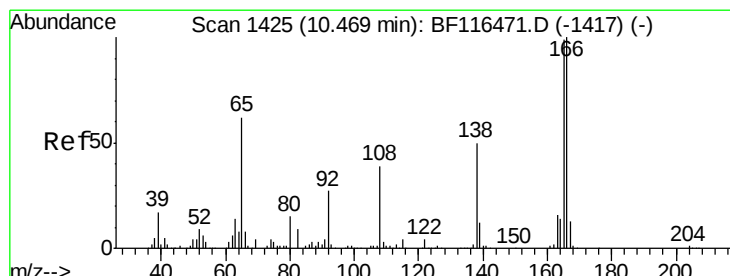
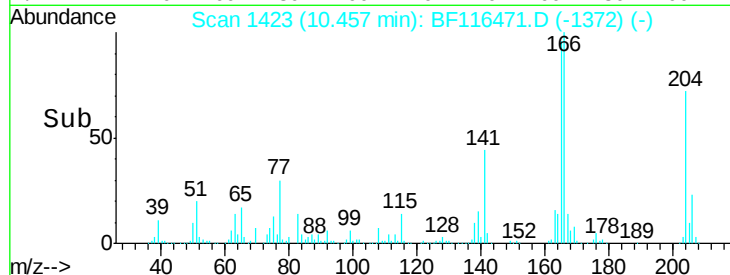
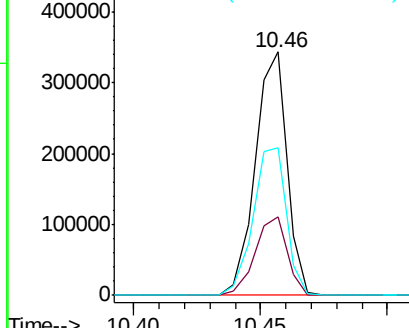
#61
 4-Chlorophenyl-phenylether
 Concen: 39.644 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion: 204 Resp: 301108
 Ion Ratio Lower Upper
 204 100
 206 32.4 25.9 38.9
 141 60.8 48.6 73.0

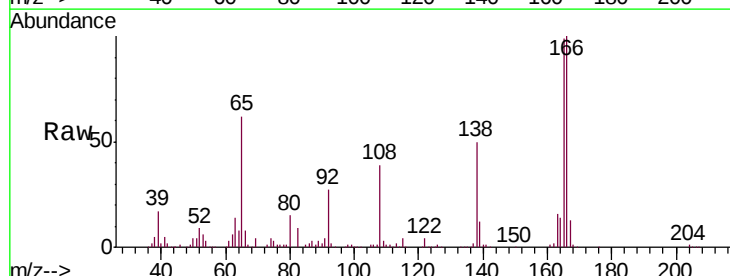


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

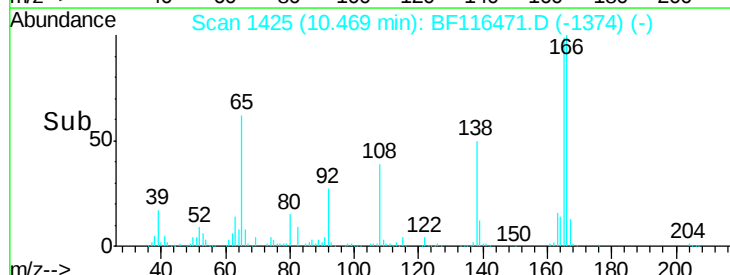
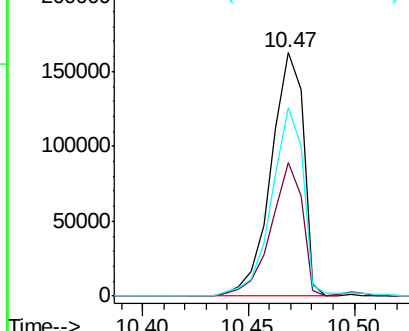


#62
 4-Nitroaniline
 Concen: 36.283 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Tgt Ion: 138 Resp: 174727
 Ion Ratio Lower Upper
 138 100
 92 54.9 34.9 74.9
 108 77.7 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

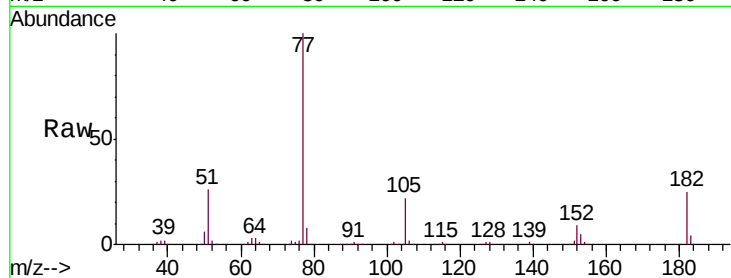




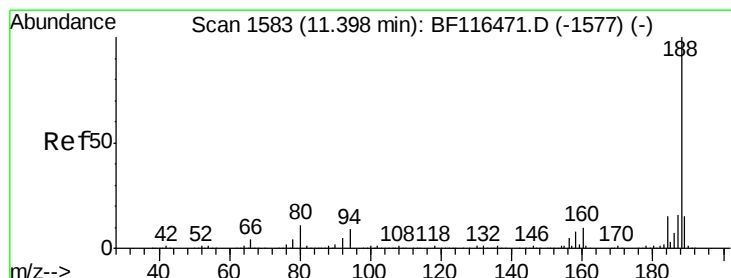
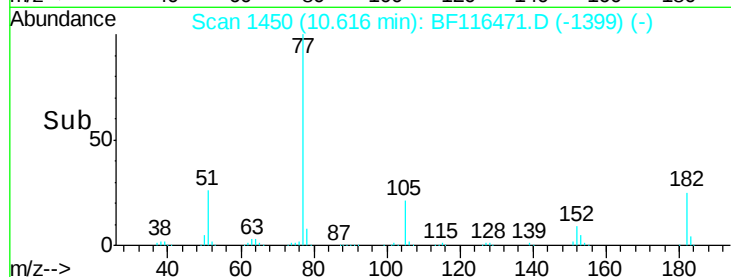
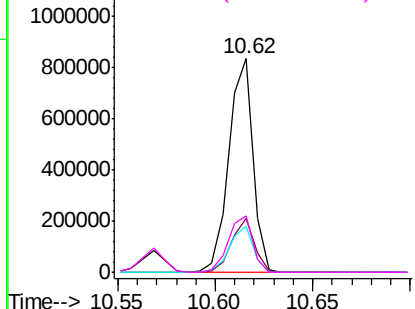
#63
Azobenzene
Concen: 42.958 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF116471.D
Acq: 23 Aug 2019 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:	77	Resp:	715878
Ion	Ratio	Lower	Upper
77	100		
182	25.4	5.4	45.4
105	21.6	1.6	41.6
51	26.2	6.2	46.2

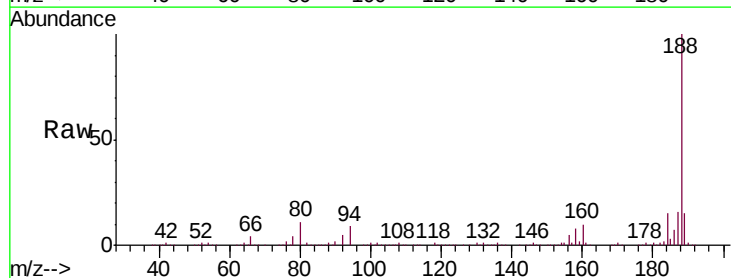


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

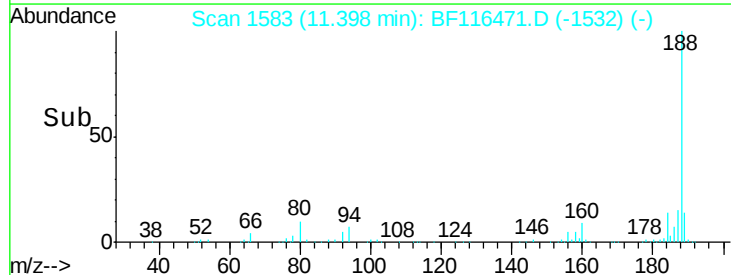
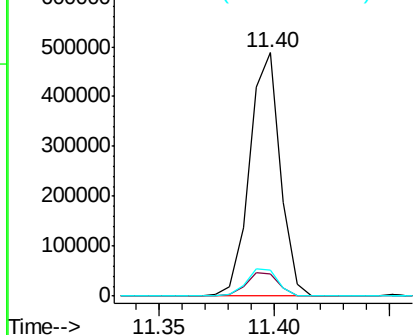


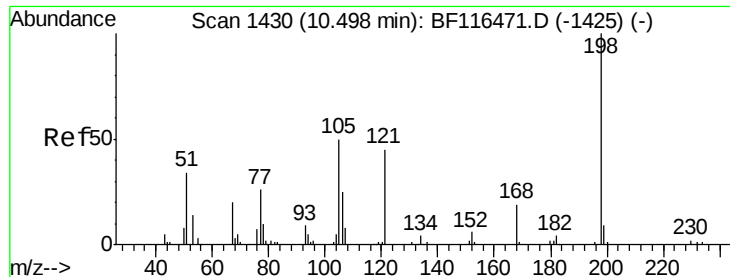
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF116471.D
Acq: 23 Aug 2019 11:07

Tgt Ion:	188	Resp:	451157
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	10.7	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

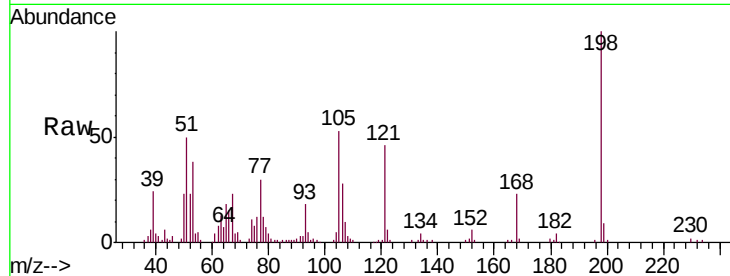




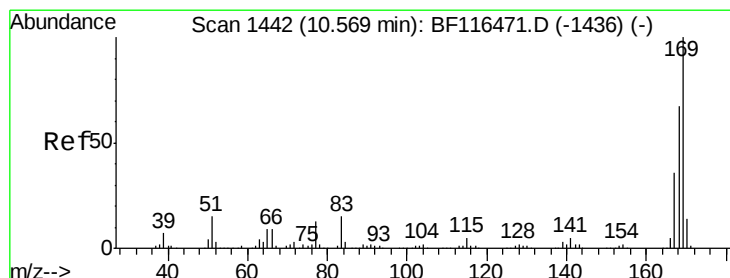
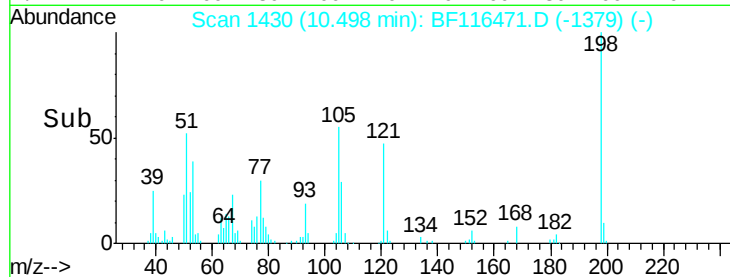
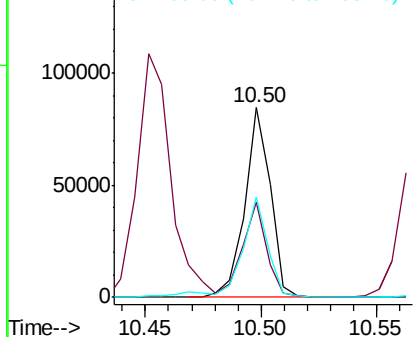
#65
4,6-Dinitro-2-methylphenol
Concen: 27.316 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF116471.D
Acq: 23 Aug 2019 11:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 65308
Ion Ratio Lower Upper
198 100
51 50.4 30.4 70.4
105 52.8 32.8 72.8

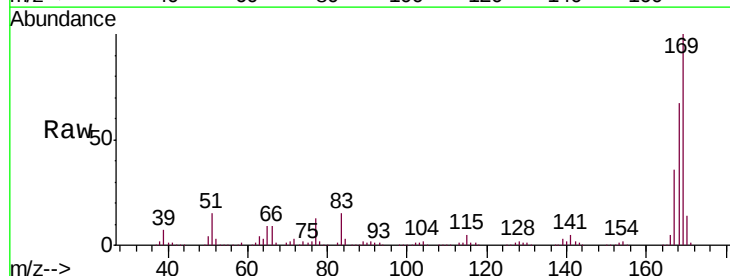


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

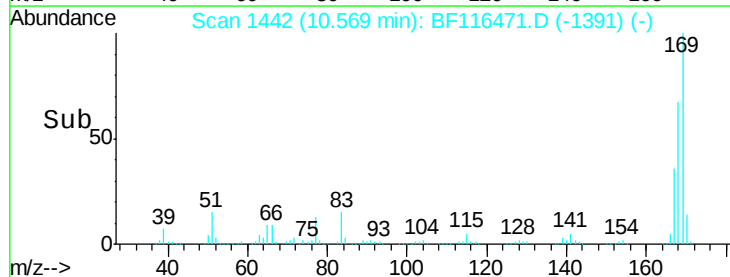
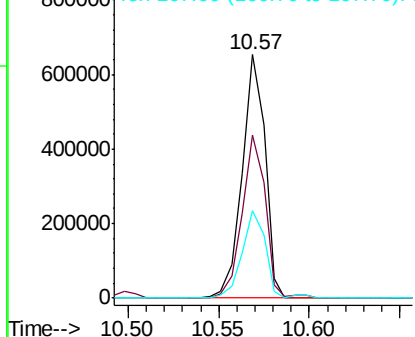


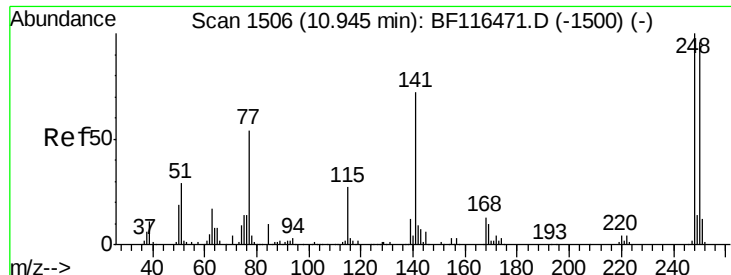
#66
n-Nitrosodiphenylamine
Concen: 42.183 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF116471.D
Acq: 23 Aug 2019 11:07

Tgt Ion:169 Resp: 572820
Ion Ratio Lower Upper
169 100
168 67.0 53.6 80.4
167 35.9 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

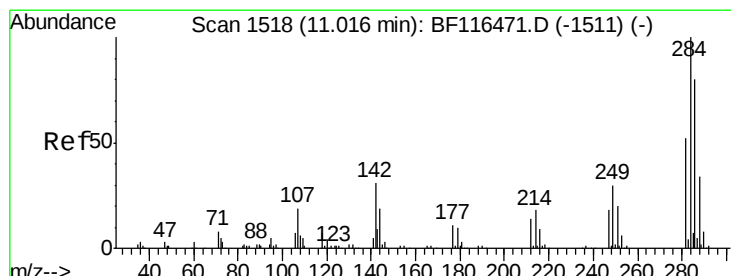
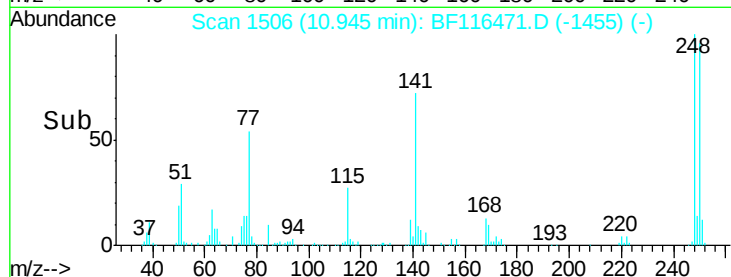
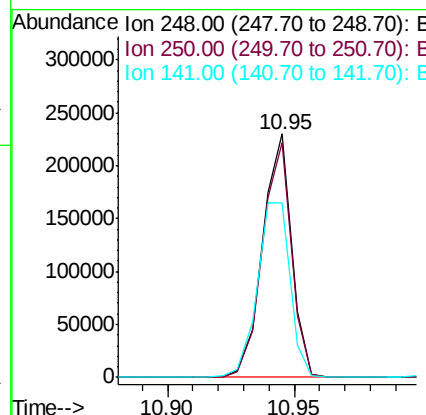
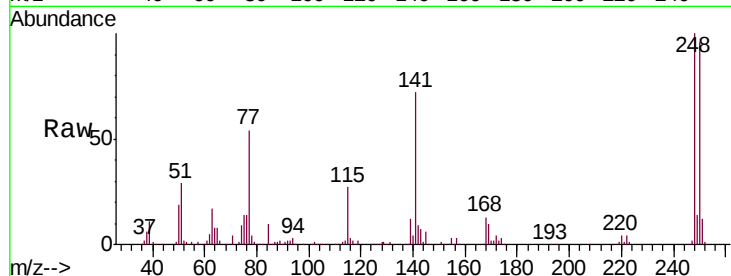




#67
 4-Bromophenyl-phenylether
 Concen: 38.082 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

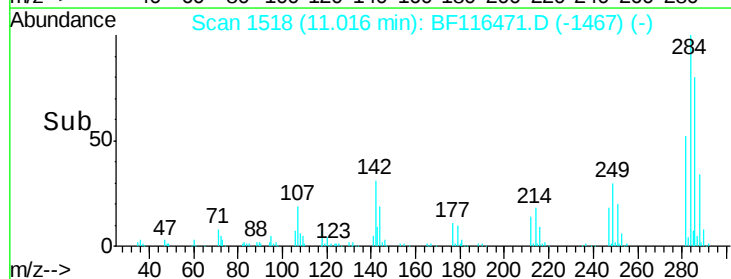
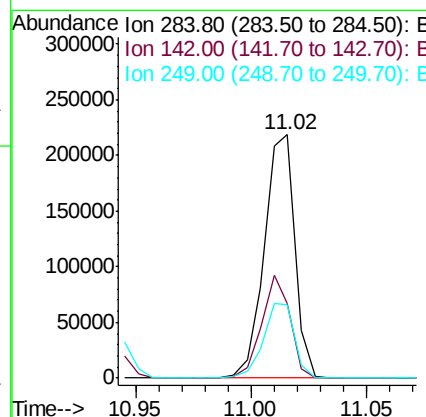
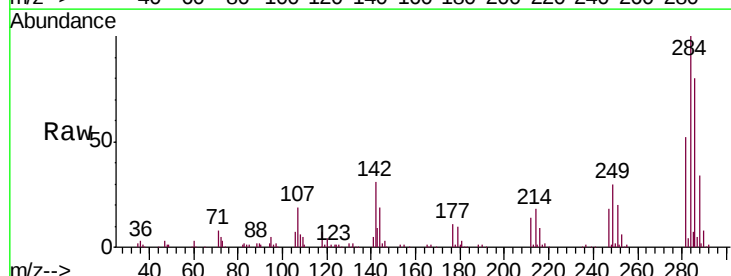
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

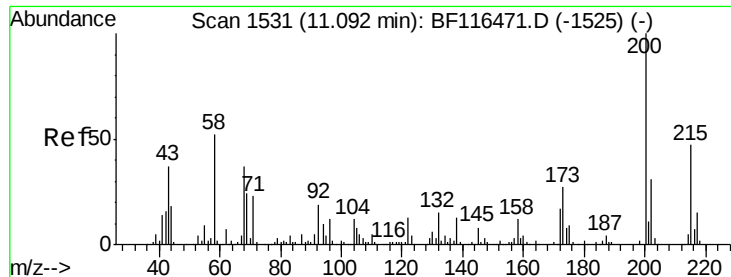
Tgt Ion:248 Resp: 183924
 Ion Ratio Lower Upper
 248 100
 250 96.3 77.0 115.6
 141 71.7 57.4 86.0



#68
 Hexachlorobenzene
 Concen: 36.100 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Tgt Ion:284 Resp: 201610
 Ion Ratio Lower Upper
 284 100
 142 30.7 24.6 36.8
 249 30.1 24.1 36.1

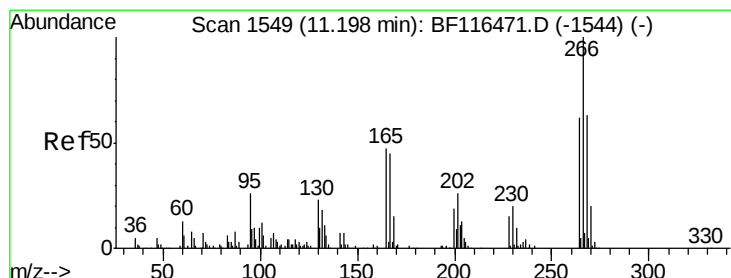
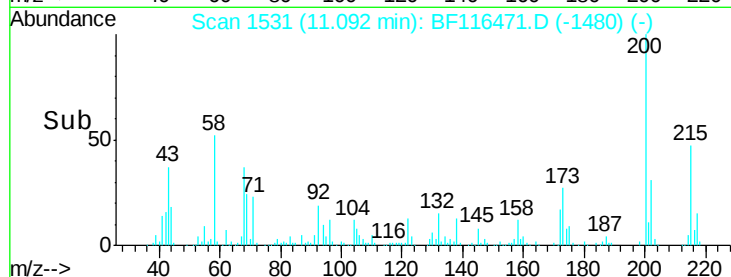
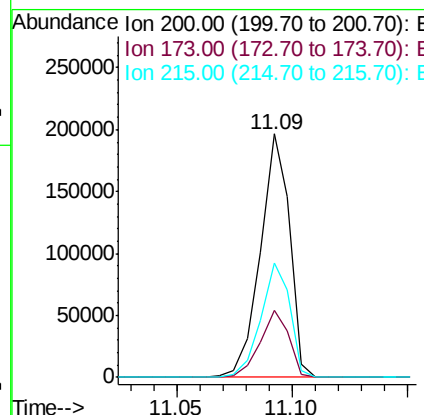
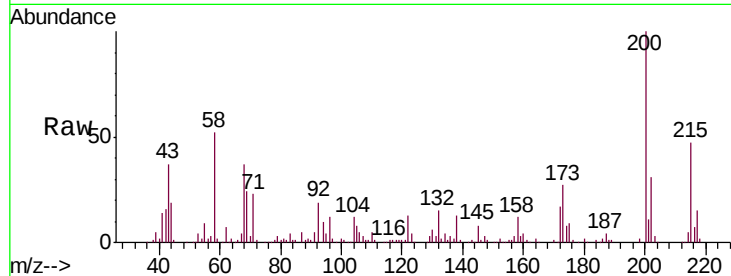




#69
 Atrazine
 Concen: 38.844 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

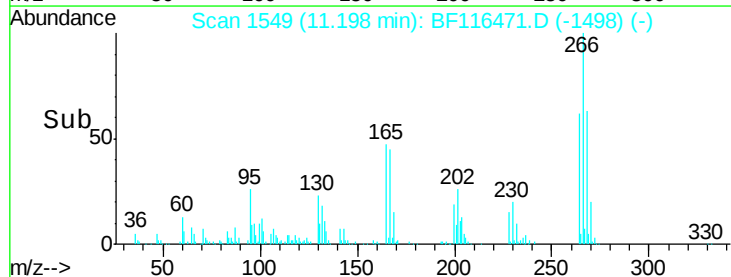
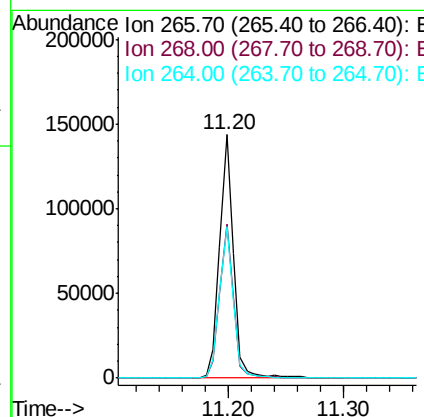
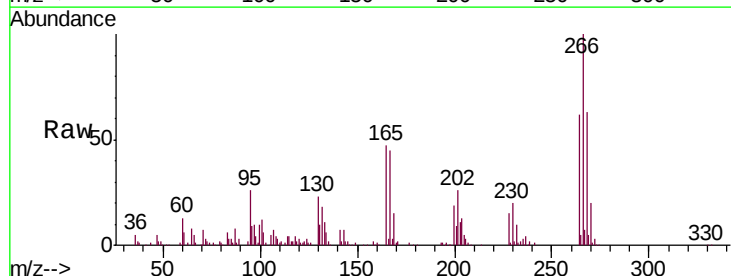
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

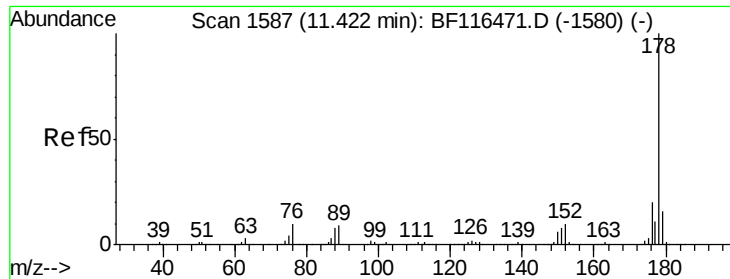
Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.3	47.3
215	46.7	26.7	66.7



#70
 Pentachlorophenol
 Concen: 44.454 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.7	76.1
264	62.5	50.0	75.0





#71

Phenanthrene

Concen: 42.569 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

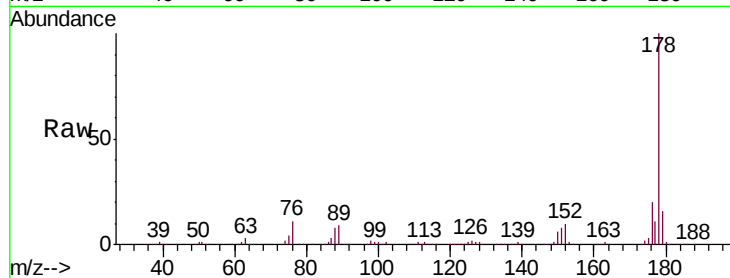
Tgt Ion:178 Resp: 981821

Ion Ratio Lower Upper

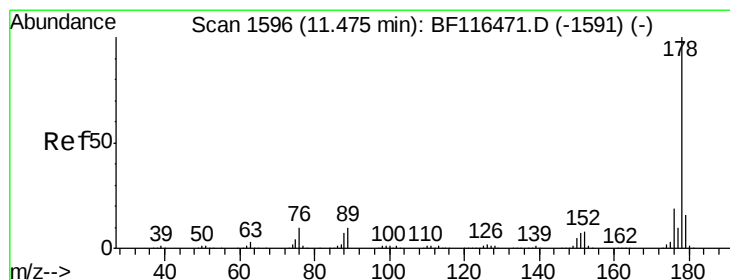
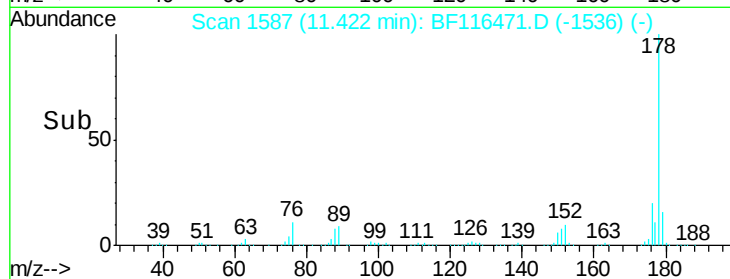
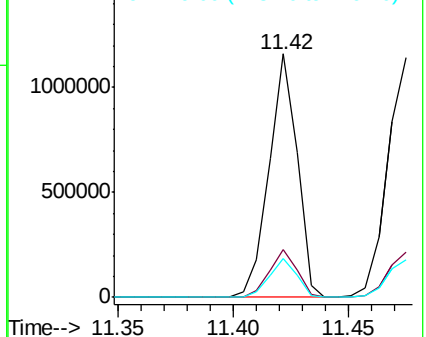
178 100

176 19.7 15.8 23.6

179 16.0 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: 42.285 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

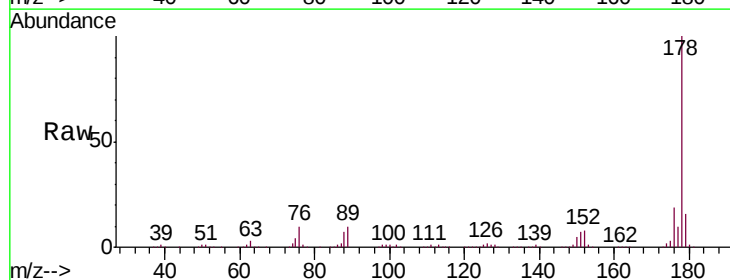
Tgt Ion:178 Resp: 987016

Ion Ratio Lower Upper

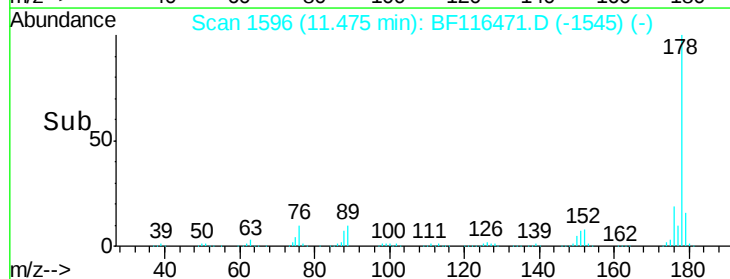
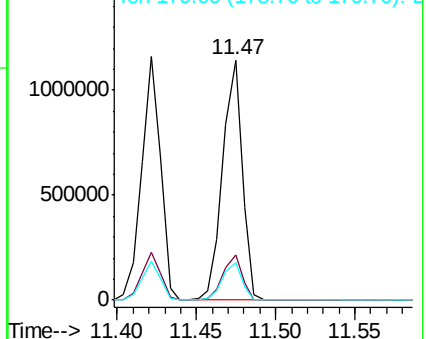
178 100

176 19.0 15.2 22.8

179 15.6 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

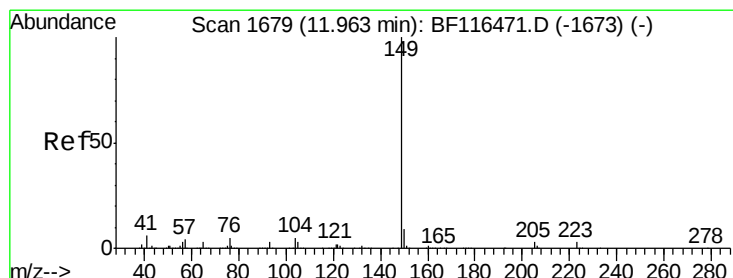
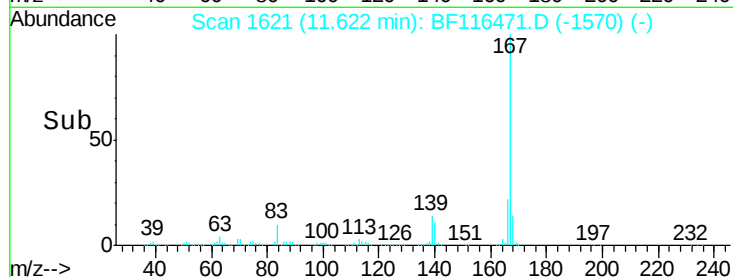
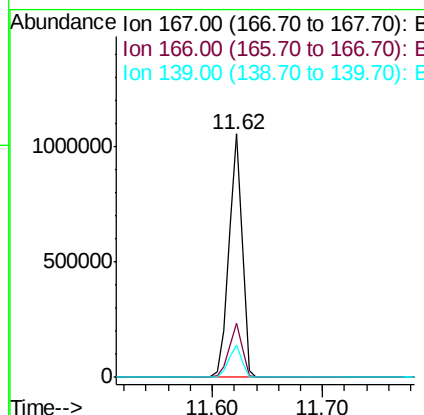
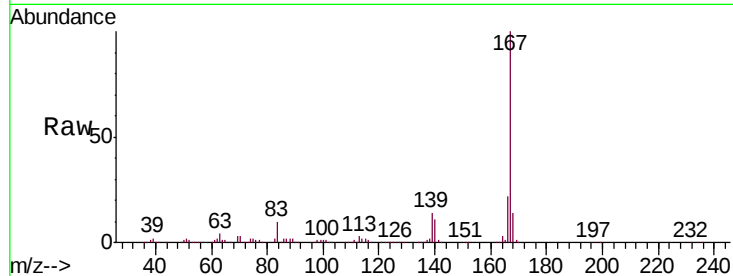




#73
 Carbazole
 Concen: 42.099 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

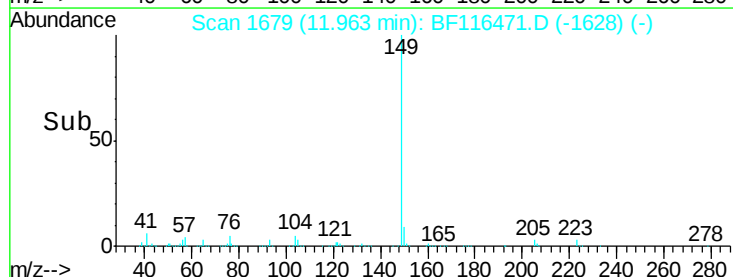
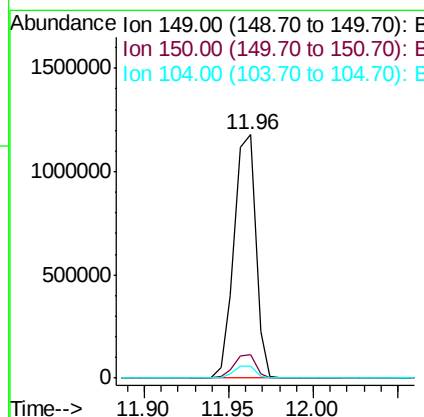
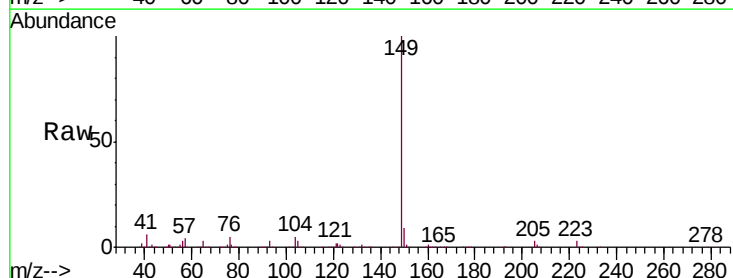
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

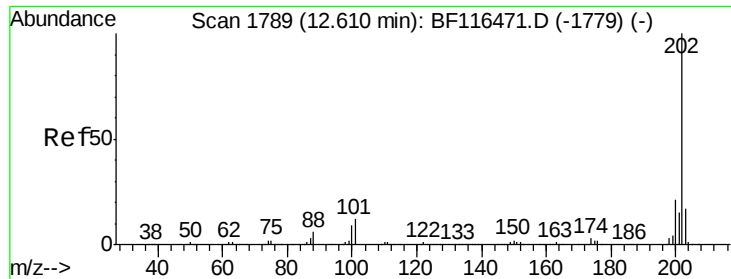
Tgt Ion:167 Resp: 891534
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 42.658 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Tgt Ion:149 Resp: 1053819
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 42.313 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Instrument :

BNA_F

ClientSampled :

SSTDICCC040

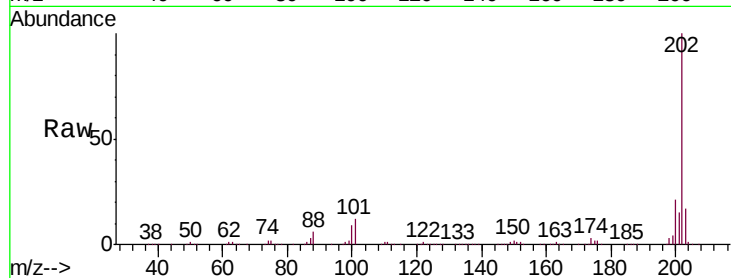
Tgt Ion:202 Resp: 1021689

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.5

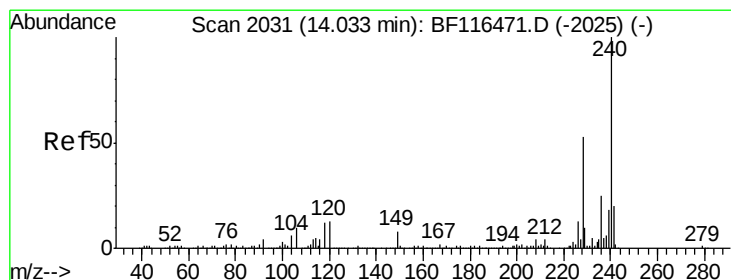
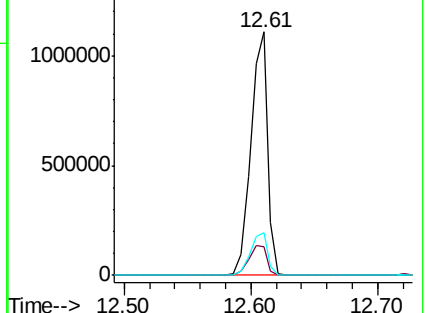
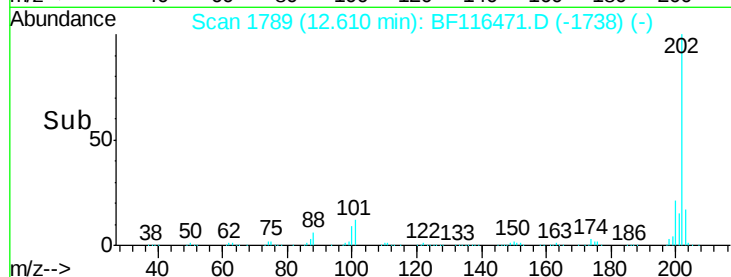
203 17.5 0.0 37.5



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: BF116471.D

Acq: 23 Aug 2019 11:07

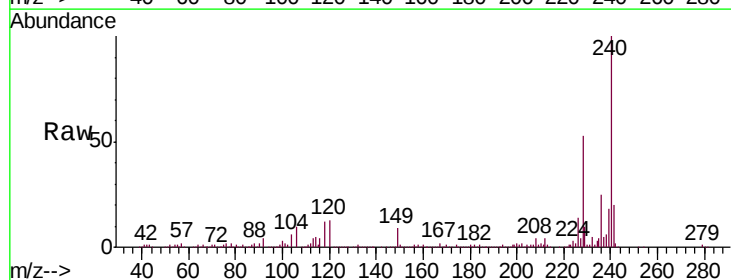
Tgt Ion:240 Resp: 339457

Ion Ratio Lower Upper

240 100

120 13.1 10.5 15.7

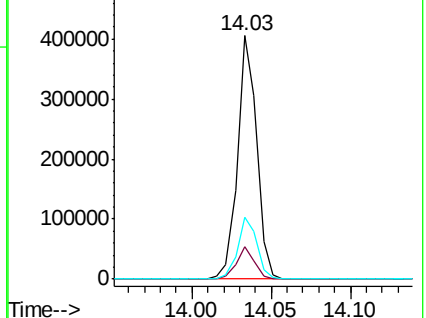
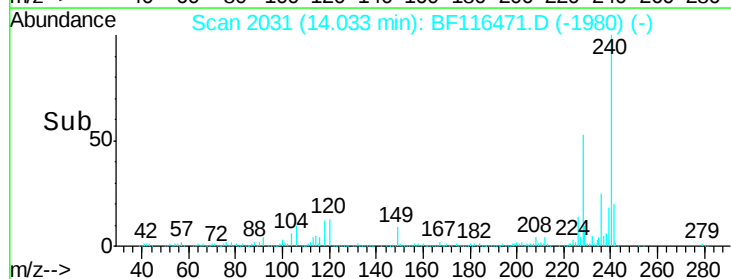
236 25.2 20.2 30.2

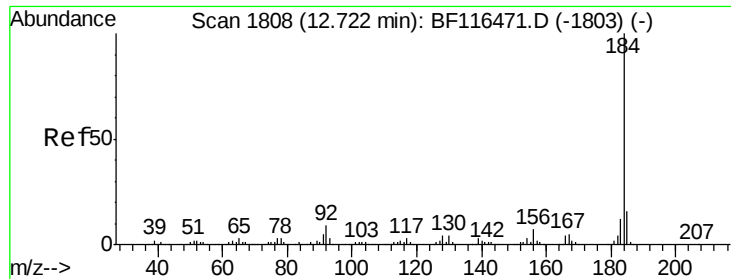


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

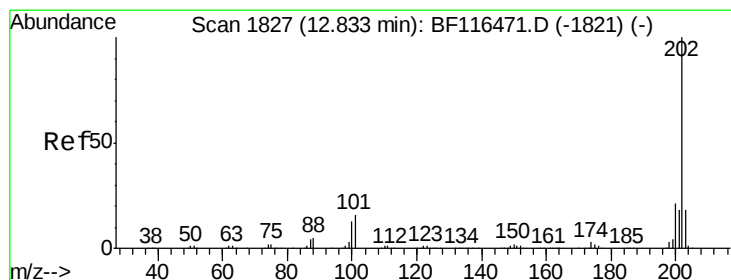
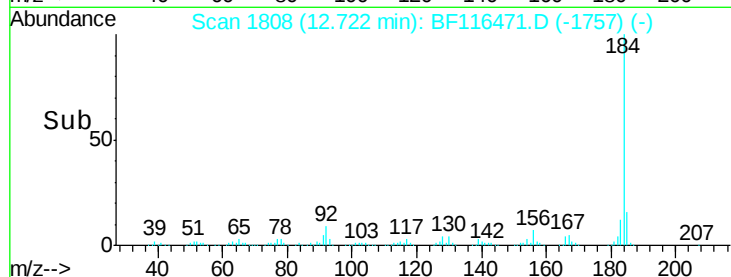
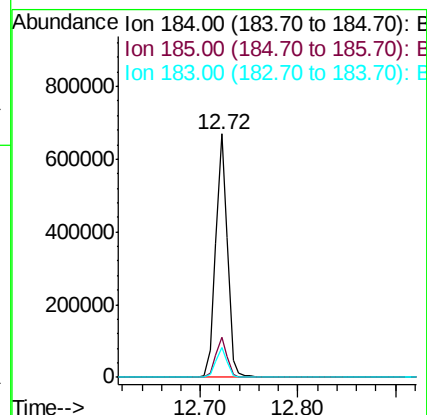
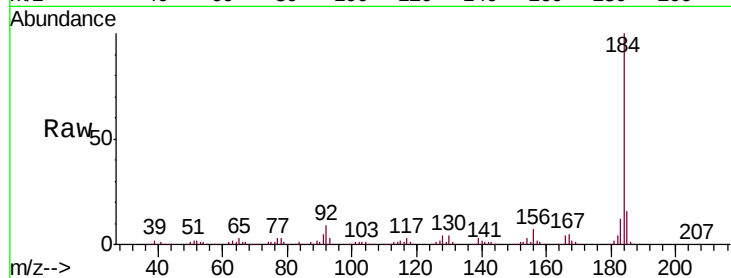




#77
Benzidine
Concen: 48.839 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BF116471.D
Acq: 23 Aug 2019 11:07

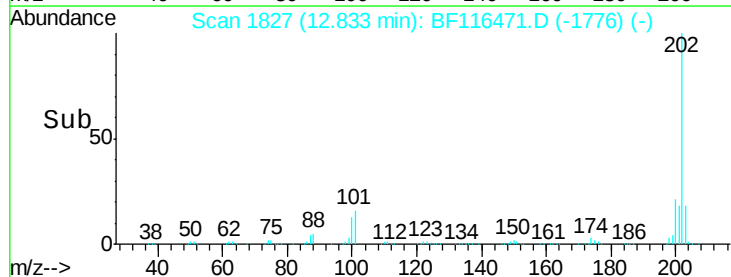
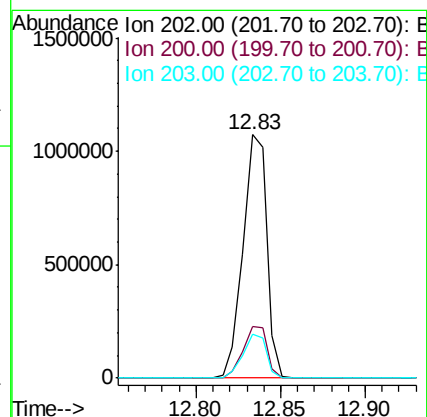
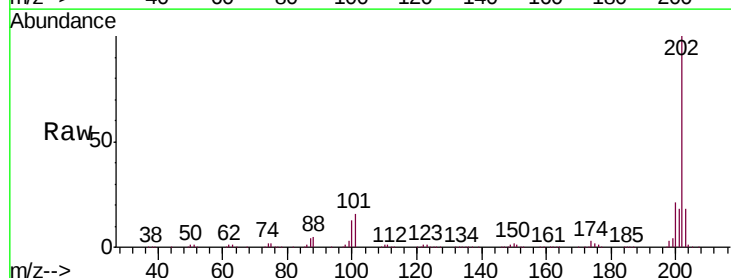
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

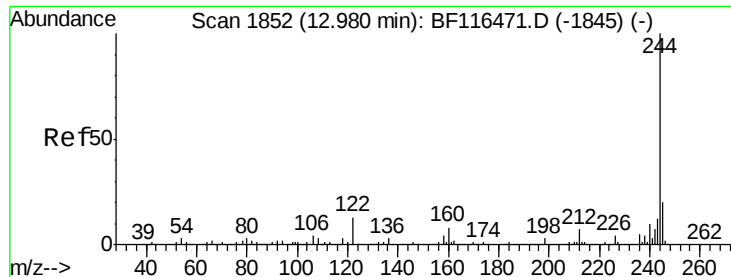
Tgt Ion:184 Resp: 560094
Ion Ratio Lower Upper
184 100
185 16.2 13.0 19.4
183 12.2 9.8 14.6



#78
Pyrene
Concen: 41.243 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF116471.D
Acq: 23 Aug 2019 11:07

Tgt Ion:202 Resp: 1055367
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 84.591 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

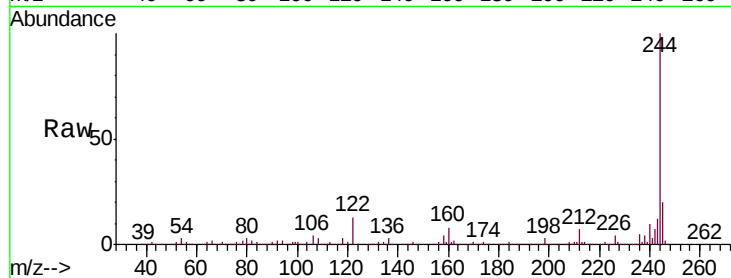
Tgt Ion:244 Resp: 1362735

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

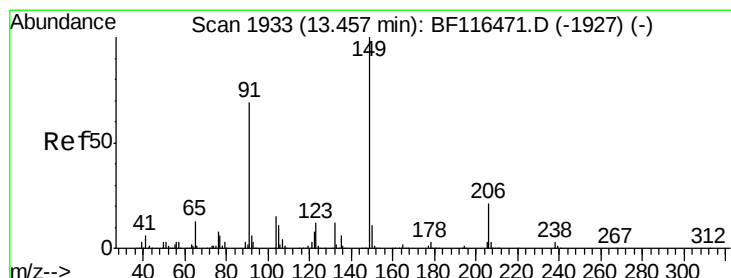
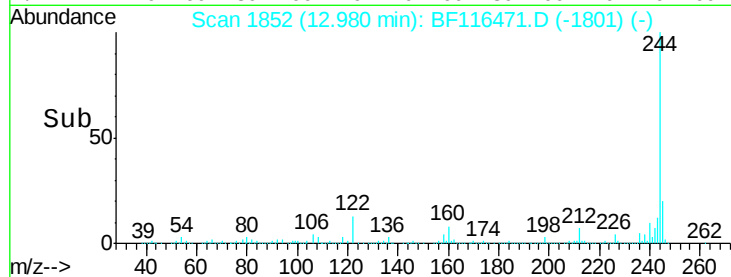
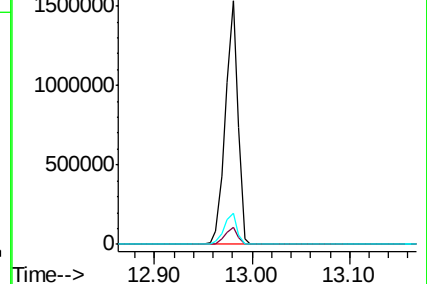
122 12.8 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.373 ng

RT: 13.46 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

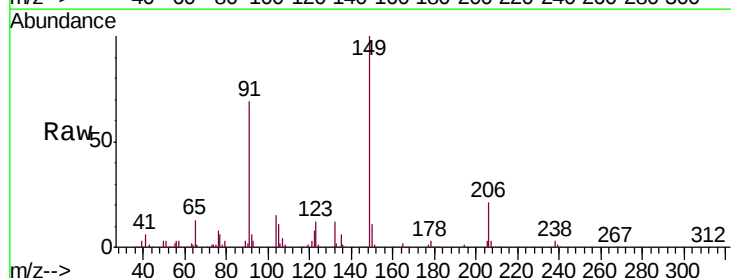
Tgt Ion:149 Resp: 447829

Ion Ratio Lower Upper

149 100

91 68.6 54.9 82.3

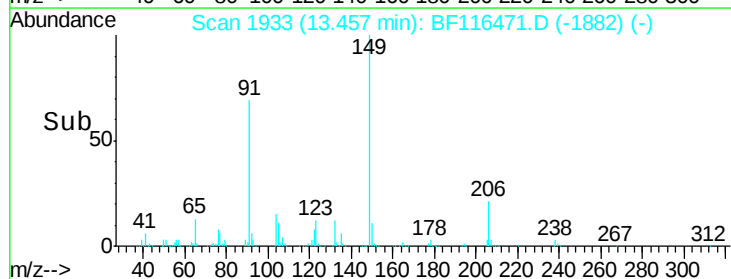
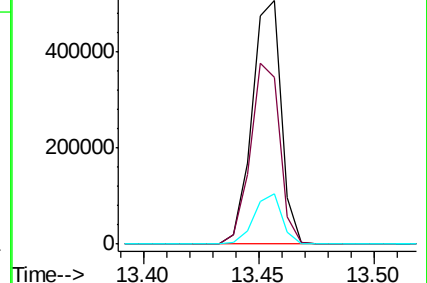
206 20.7 16.6 24.8

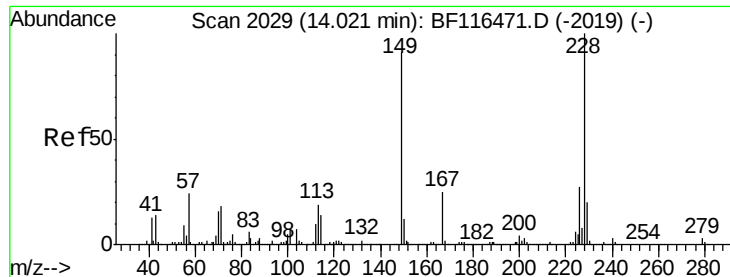


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.846 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

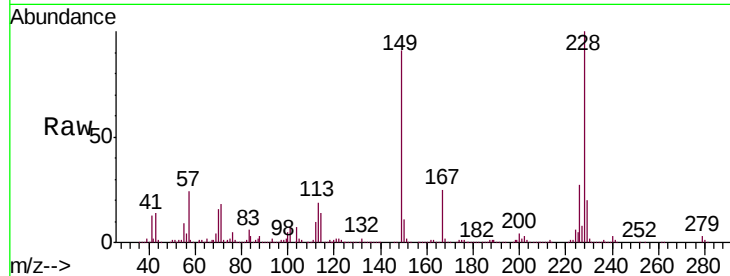
Tgt Ion:228 Resp: 864533

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.6

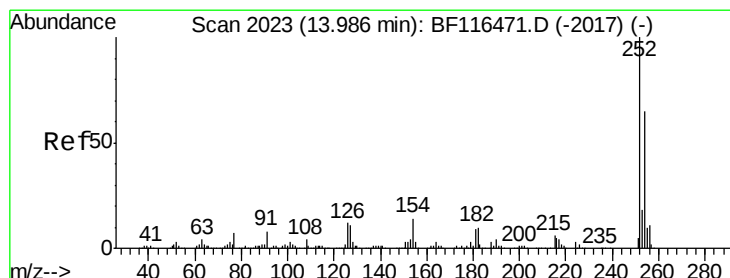
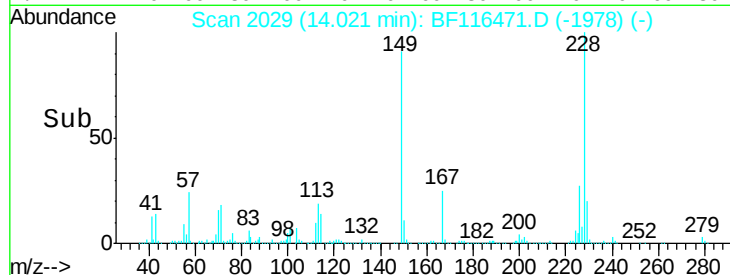
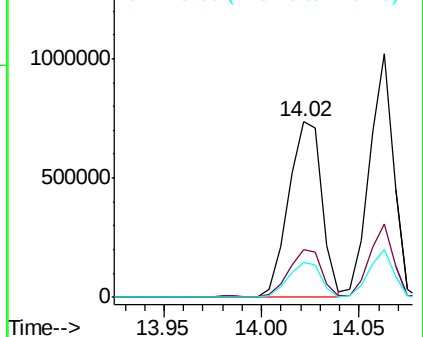
229 19.9 15.9 23.9



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: 41.513 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

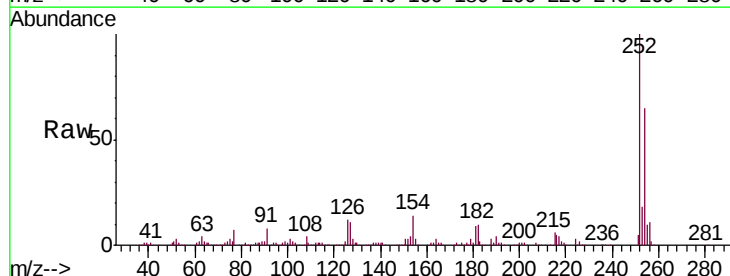
Tgt Ion:252 Resp: 312921

Ion Ratio Lower Upper

252 100

254 64.9 51.9 77.9

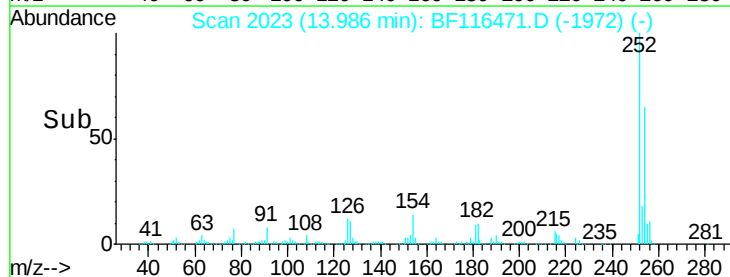
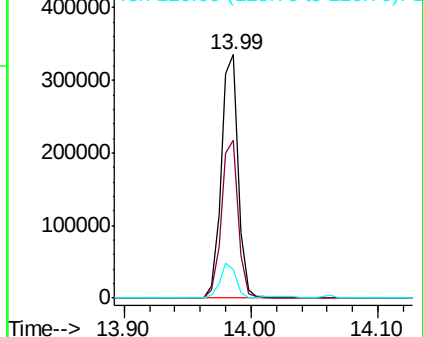
126 11.7 9.4 14.0

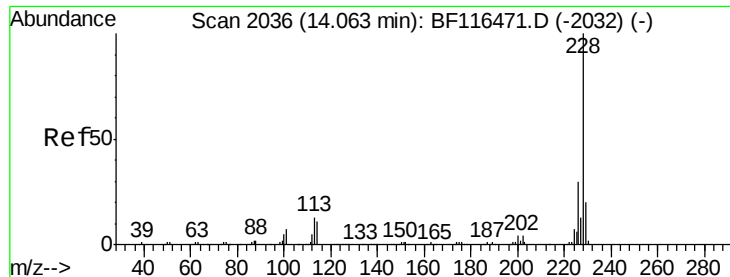


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.479 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

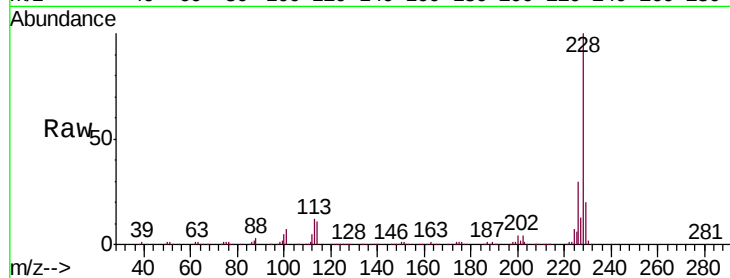
Tgt Ion:228 Resp: 873720

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

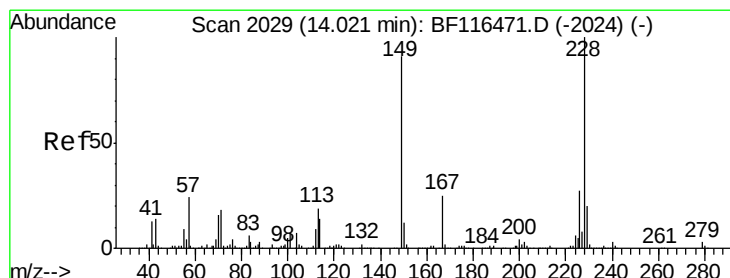
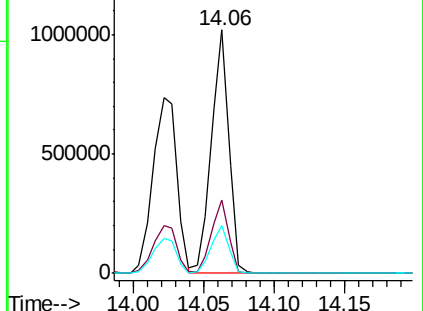
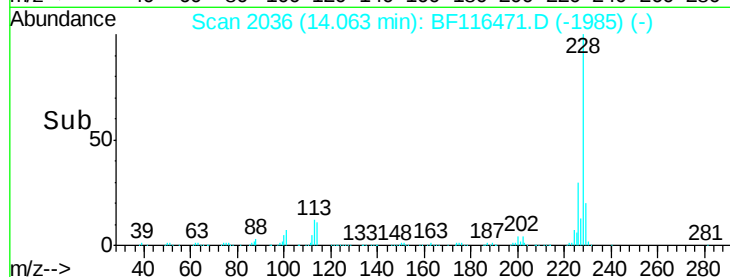
229 19.7 15.8 23.6



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: 40.924 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

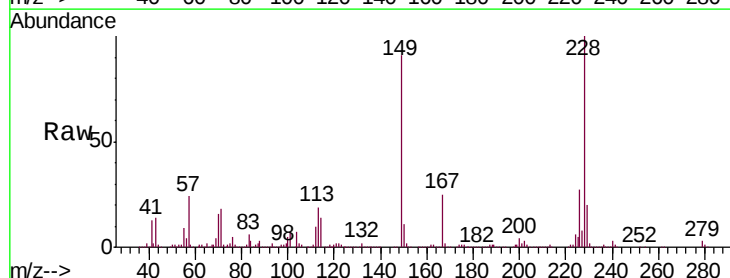
Tgt Ion:149 Resp: 575633

Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.6

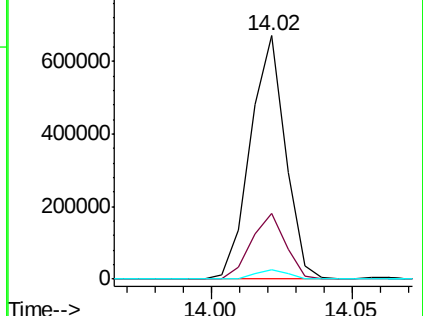
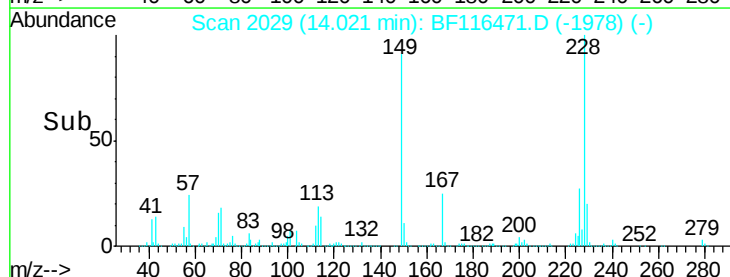
279 3.7 3.0 4.4

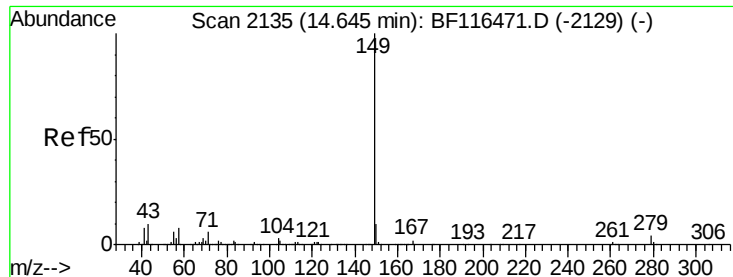


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

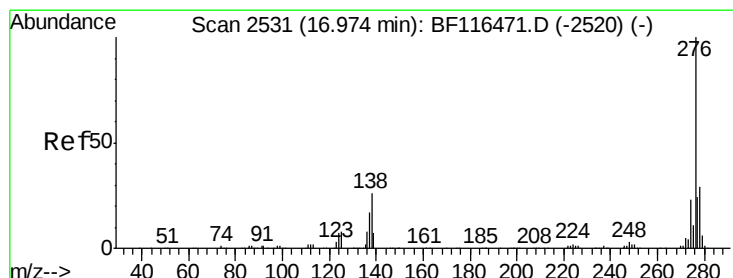
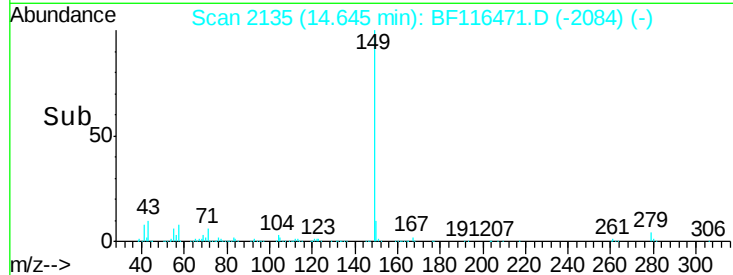
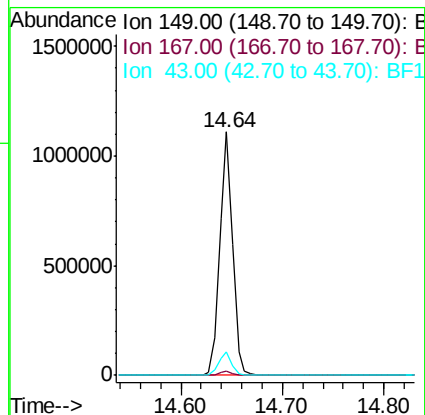
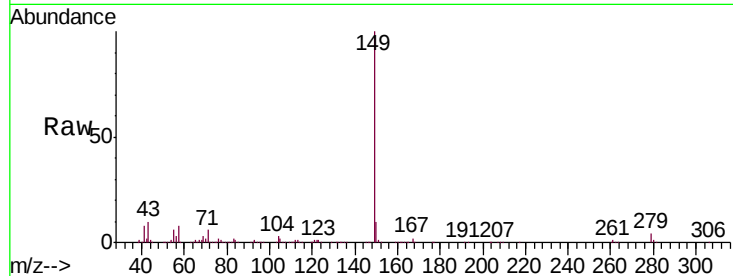




#85
 Di-n-octyl phthalate
 Concen: 43.598 ng
 RT: 14.64 min Scan# 2135
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

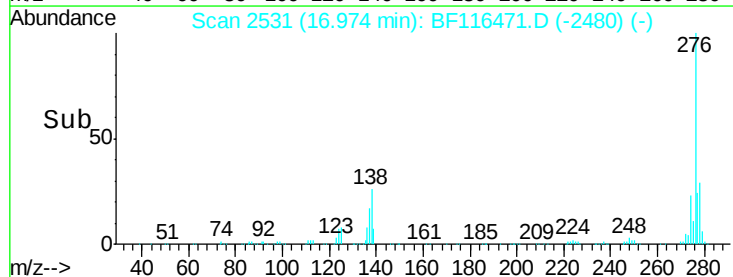
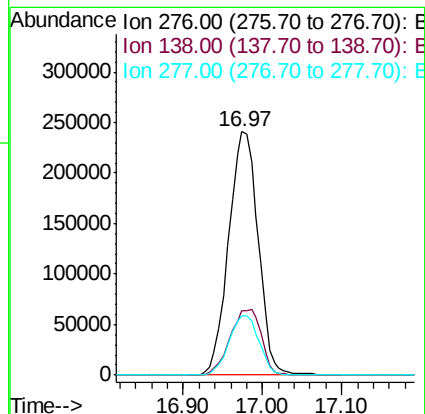
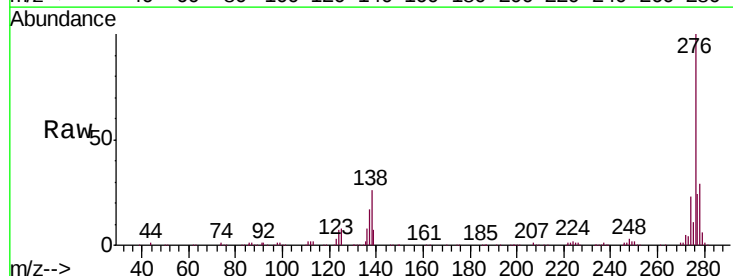
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

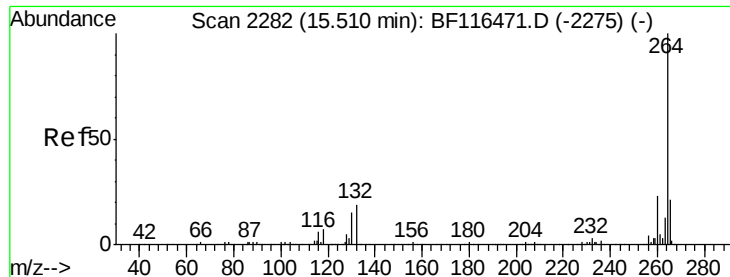
Tgt Ion:	149	Resp:	974048
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.8	7.8	11.8



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 35.067 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. 0.00 min
 Lab File: BF116471.D
 Acq: 23 Aug 2019 11:07

Tgt Ion:	276	Resp:	620390
Ion	Ratio	Lower	Upper
276	100		
138	28.6	22.9	34.3
277	24.9	19.9	29.9





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

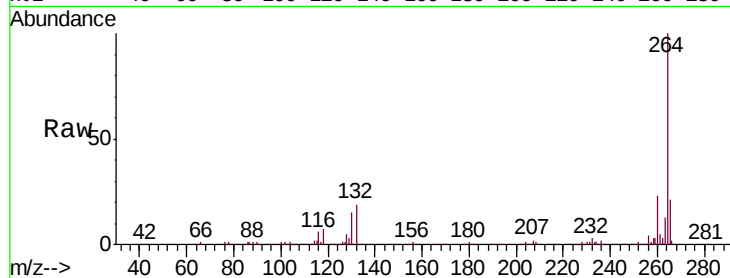
Tgt Ion:264 Resp: 316334

Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

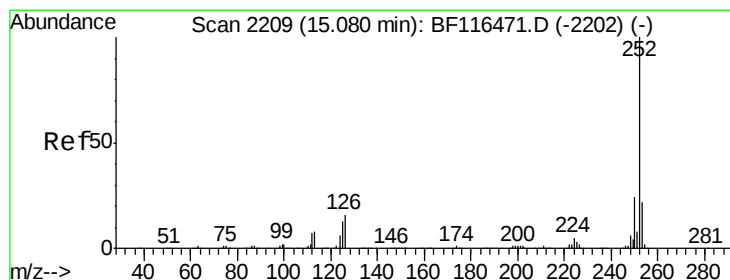
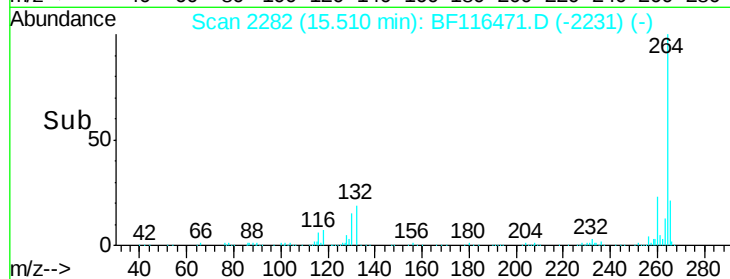
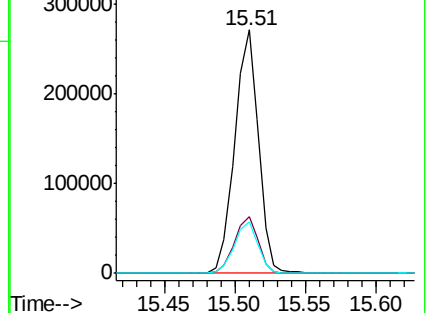
265 21.4 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.559 ng

RT: 15.08 min Scan# 2209

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

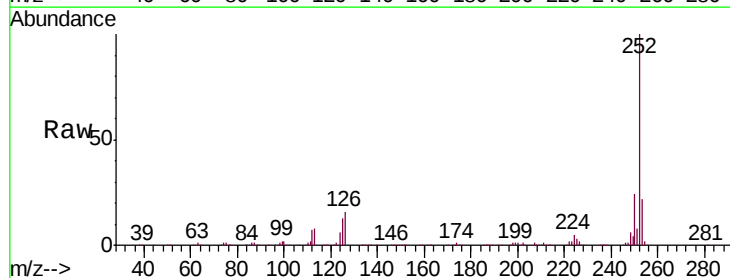
Tgt Ion:252 Resp: 796725

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

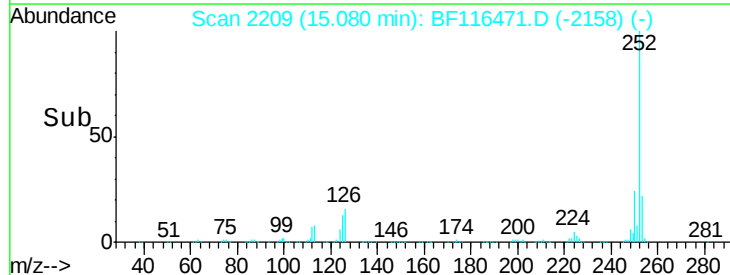
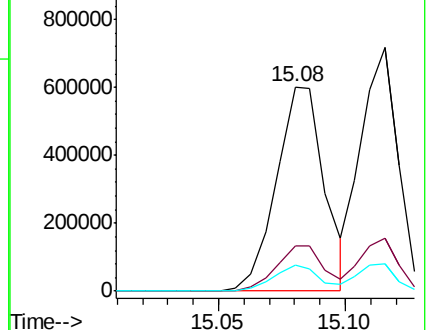
125 12.6 10.1 15.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

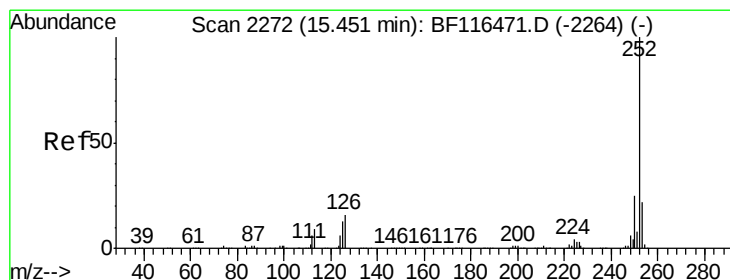
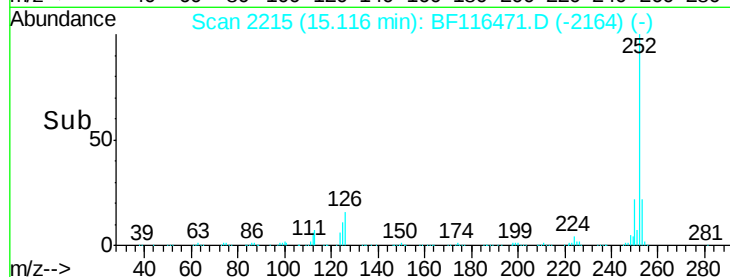
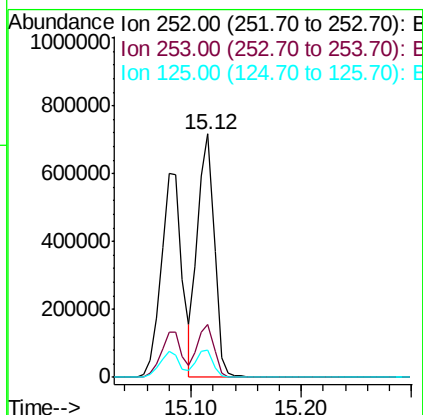
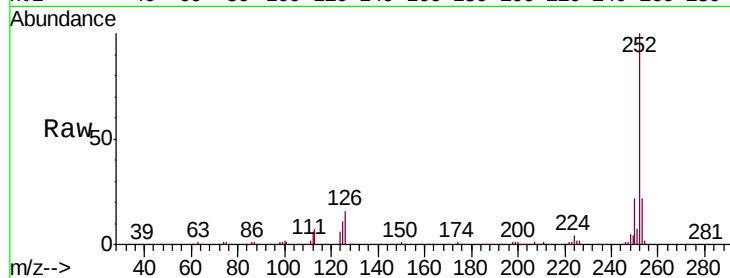




#89
Benzo(k)fluoranthene
Concen: 41.476 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF116471.D
Acq: 23 Aug 2019 11:07

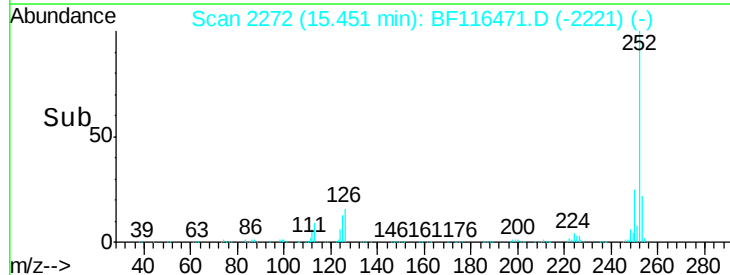
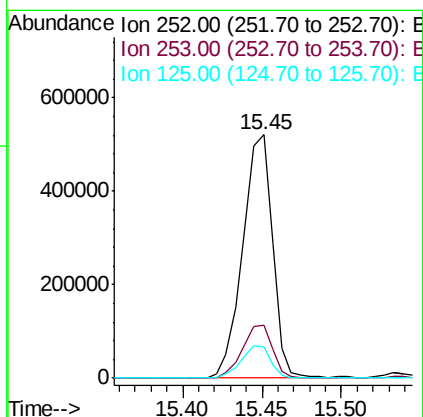
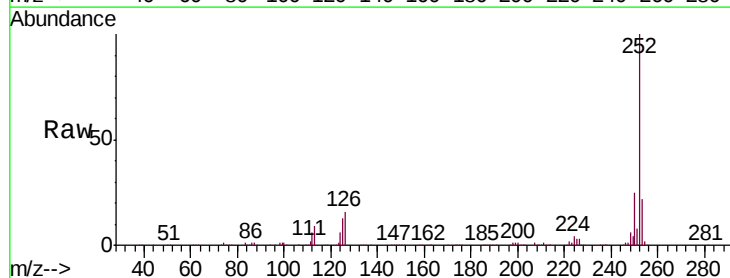
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

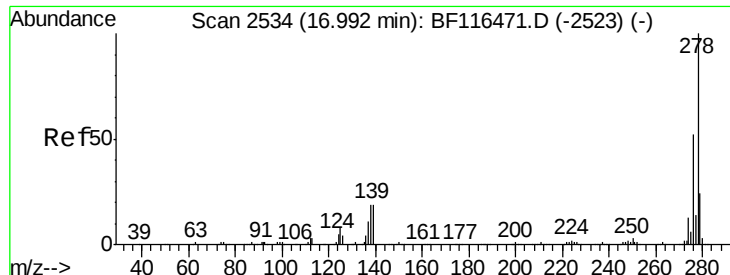
Tgt Ion:252 Resp: 738918
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 11.4 9.1 13.7



#90
Benzo(a)pyrene
Concen: 41.677 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BF116471.D
Acq: 23 Aug 2019 11:07

Tgt Ion:252 Resp: 681439
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 12.8 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 36.260 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

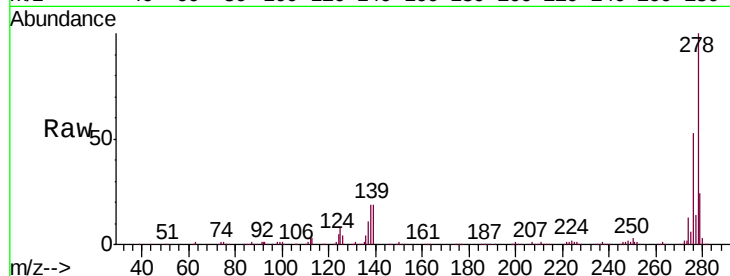
Tgt Ion:278 Resp: 513190

Ion Ratio Lower Upper

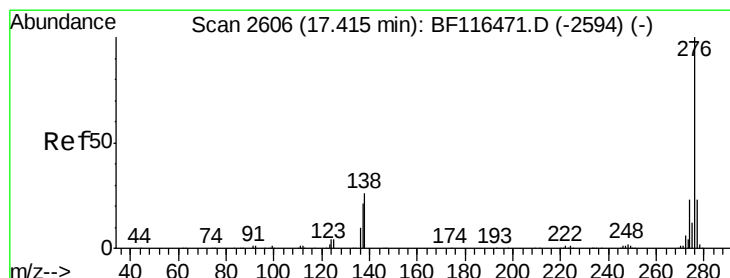
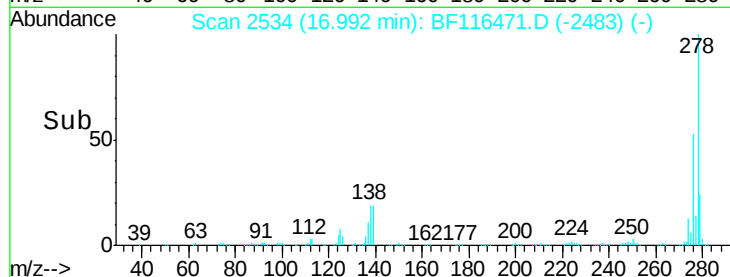
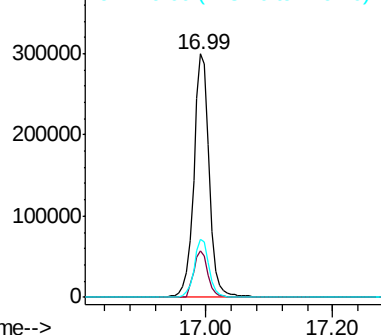
278 100

139 19.1 15.3 22.9

279 23.8 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: 34.151 ng

RT: 17.42 min Scan# 2606

Delta R.T. 0.00 min

Lab File: BF116471.D

Acq: 23 Aug 2019 11:07

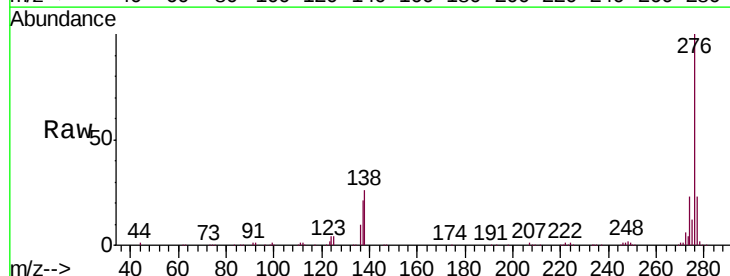
Tgt Ion:276 Resp: 474696

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 26.0 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

