

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
 Data File : BF116040.D
 Acq On : 7 Aug 2019 10:27
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 07 13:05:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	179680	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	756057	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	407063	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	688794	20.00	ng	0.00
76) Chrysene-d12	14.01	240	461164	20.00	ng	0.00
87) Perylene-d12	15.47	264	429388	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	868921	80.96	ng	0.00
7) Phenol-d6	6.49	99	1116034	82.41	ng	0.00
23) Nitrobenzene-d5	7.42	82	1067307	81.49	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	322364	81.68	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1746391	80.36	ng	0.00
79) Terphenyl-d14	12.95	244	1887411	86.24	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.61	88	205087	37.823	ng	100
3) Pyridine	3.36	79	559801	36.958	ng	100
4) n-Nitrosodimethylamine	3.33	42	230422	38.549	ng	100
6) Aniline	6.52	93	769780	39.693	ng	100
8) 2-Chlorophenol	6.64	128	509024	42.888	ng	100
9) Benzaldehyde	6.40	77	342482	36.654	ng	100
10) Phenol	6.50	94	647450	40.600	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	509025	43.416	ng	100
12) 1,3-Dichlorobenzene	6.79	146	565543	41.230	ng	100
13) 1,4-Dichlorobenzene	6.86	146	563628	41.039	ng	100
14) 1,2-Dichlorobenzene	7.02	146	514019	40.646	ng	100
15) Benzyl Alcohol	6.99	79	427708	41.619	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	687096	42.965	ng	100
17) 2-Methylphenol	7.10	107	433540	43.139	ng	100
18) Hexachloroethane	7.36	117	215004	42.520	ng	100
19) n-Nitroso-di-n-propylamine	7.27	70	366859	43.718	ng	100
20) 3+4-Methylphenols	7.26	107	496390	41.739	ng	100
22) Acetophenone	7.26	105	669594	40.382	ng	100
24) Nitrobenzene	7.43	77	578660	40.916	ng	100
25) Isophorone	7.67	82	1070992	42.762	ng	100
26) 2-Nitrophenol	7.75	139	295905	44.386	ng	100
27) 2,4-Dimethylphenol	7.79	122	407013	40.580	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	675286	43.501	ng	100
29) 2,4-Dichlorophenol	7.99	162	451740	42.656	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	504046	41.754	ng	100
31) Naphthalene	8.15	128	1466572	41.221	ng	100
32) Benzoic acid	7.95	122	290664	41.104	ng	100
33) 4-Chloroaniline	8.20	127	635520	39.978	ng	100
34) Hexachlorobutadiene	8.27	225	291474	41.919	ng	100
35) Caprolactam	8.59	113	138467	40.427	ng	100
36) 4-Chloro-3-methylphenol	8.69	107	475262	43.138	ng	100
37) 2-Methylnaphthalene	8.84	142	981381	41.883	ng	100
38) 1-Methylnaphthalene	8.94	142	934571	42.160	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	456114	41.913	ng	100

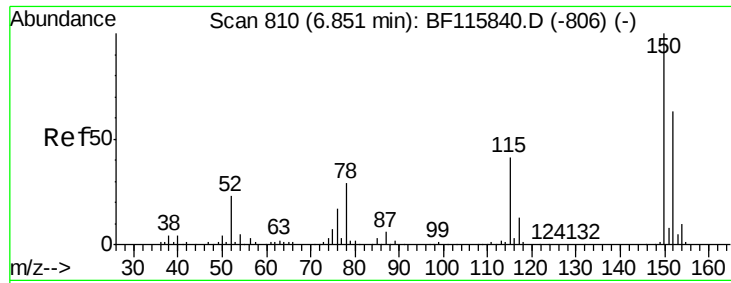
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
 Data File : BF116040.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	177090	39.487	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	299570	39.993	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	317521	41.008	ng	100
46) 1,1'-Biphenyl	9.30	154	1175294	40.896	ng	100
47) 2-Chloronaphthalene	9.33	162	972863	40.673	ng	100
48) 2-Nitroaniline	9.43	65	323884	40.966	ng	100
49) Acenaphthylene	9.75	152	1426167	40.870	ng	100
50) Dimethylphthalate	9.60	163	1180952	42.608	ng	100
51) 2,6-Dinitrotoluene	9.67	165	257699	42.784	ng	100
52) Acenaphthene	9.92	154	860417	40.192	ng	100
53) 3-Nitroaniline	9.85	138	292584	39.313	ng	100
54) 2,4-Dinitrophenol	9.96	184	104242	38.516	ng	100
55) Dibenzofuran	10.09	168	1246554	40.040	ng	100
56) 4-Nitrophenol	10.01	139	166745	34.974	ng	100
57) 2,4-Dinitrotoluene	10.08	165	320245	39.933	ng	100
58) Fluorene	10.43	166	981070	40.959	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	270114	41.465	ng	100
60) Diethylphthalate	10.30	149	1100140	42.515	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	499896	41.209	ng	100
62) 4-Nitroaniline	10.46	138	297997	38.744	ng	100
63) Azobenzene	10.58	77	1132844	42.563	ng	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	162779	44.595	ng	100
66) n-Nitrosodiphenylamine	10.55	169	885271	42.701	ng	100
67) 4-Bromophenyl-phenylether	10.91	248	323503	43.874	ng	100
68) Hexachlorobenzene	10.99	284	357605	41.941	ng	100
69) Atrazine	11.07	200	230757	33.833	ng	100
70) Pentachlorophenol	11.18	266	145154	35.066	ng	100
71) Phenanthrene	11.40	178	1423701	40.432	ng	100
72) Anthracene	11.45	178	1467099	41.168	ng	100
73) Carbazole	11.60	167	1340694	41.467	ng	100
74) Di-n-butylphthalate	11.92	149	1647350	43.678	ng	100
75) Fluoranthene	12.59	202	1489669	40.410	ng	100
77) Benzidine	12.70	184	694657	44.586	ng	100
78) Pyrene	12.82	202	1486134	42.750	ng	100
80) Butylbenzylphthalate	13.42	149	681146	46.321	ng	100
81) Benzo(a)anthracene	14.00	228	1273349	43.200	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	449549	43.899	ng	100
83) Chrysene	14.04	228	1204188	42.080	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	955413	49.998	ng	100
85) Di-n-octyl phthalate	14.59	149	1460821	48.129	ng	100
86) Indeno(1,2,3-cd)pyrene	16.95	276	967804	40.267	ng	100
88) Benzo(b)fluoranthene	15.05	252	1097315	44.197	ng	100
89) Benzo(k)fluoranthene	15.08	252	988418	40.873	ng	100
90) Benzo(a)pyrene	15.42	252	936152	42.180	ng	100
91) Dibenzo(a,h)anthracene	16.96	278	798347	41.556	ng	100
92) Benzo(g,h,i)perylene	17.39	276	761601	40.366	ng	100

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

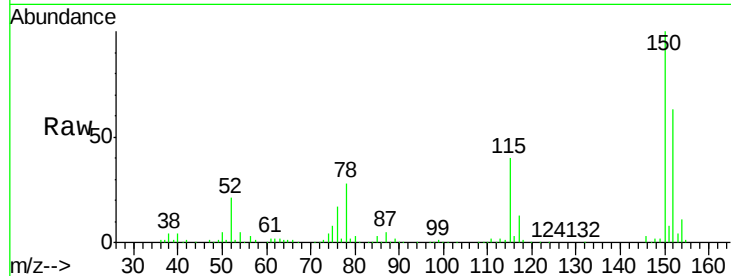


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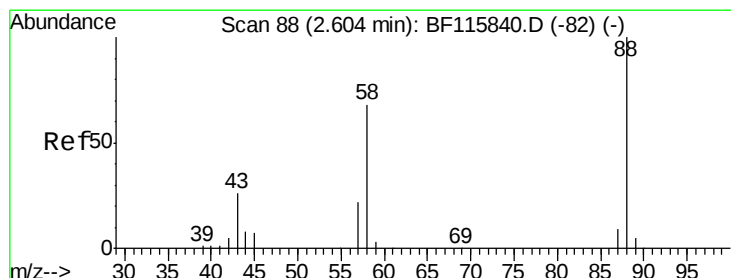
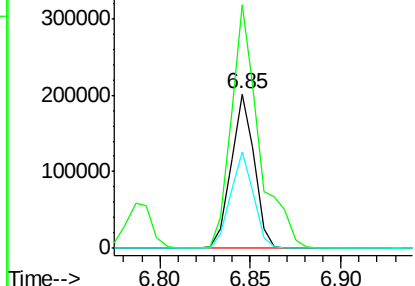
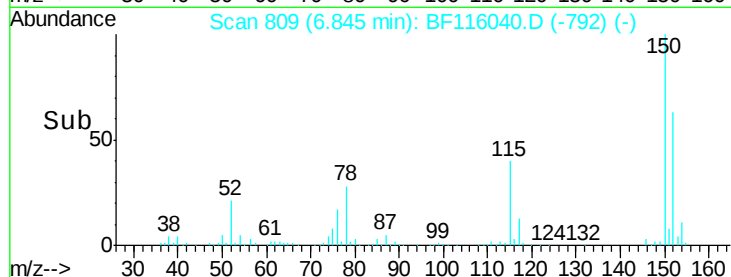
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 179680
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 62.4 49.9 74.9



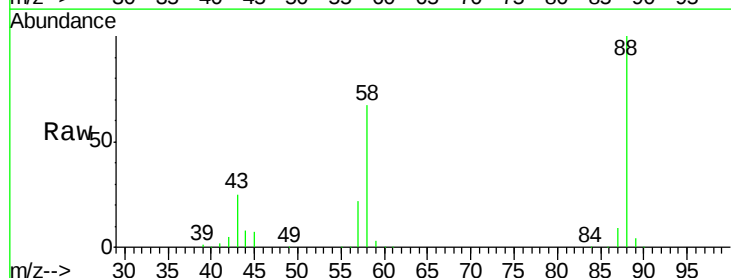
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



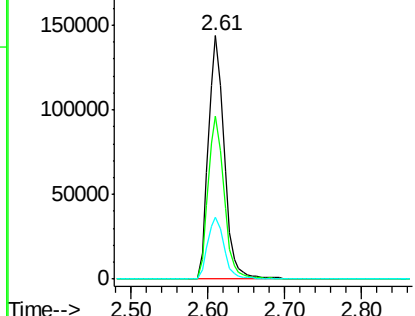
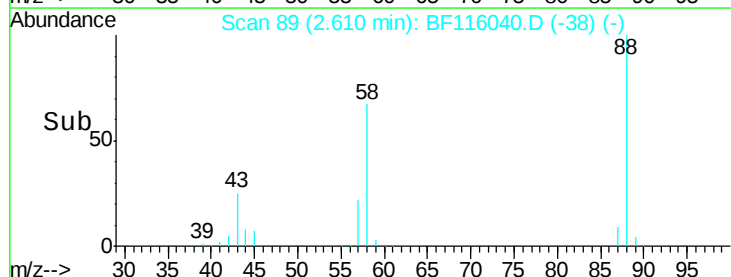
#2

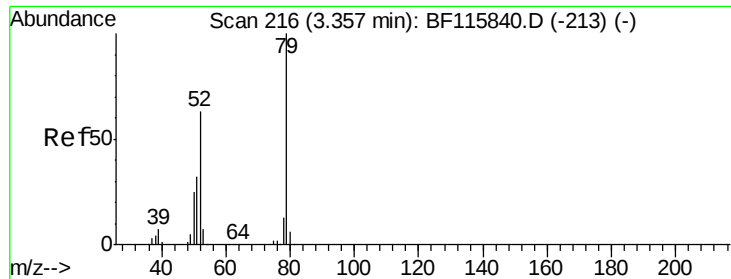
1,4-Dioxane
Concen: 37.823 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion: 88 Resp: 205087
Ion Ratio Lower Upper
88 100
58 67.1 53.7 80.5
43 26.2 21.0 31.4



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

Pvridine

Concen: 36.958 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

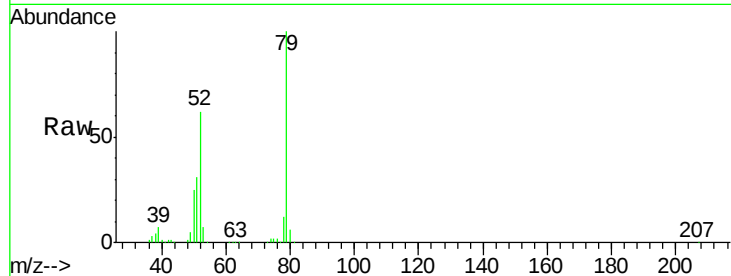
Tot Ion: 79 Resp: 559801

Ion Ratio Lower Upper

79 100

52 62.3 49.8 74.8

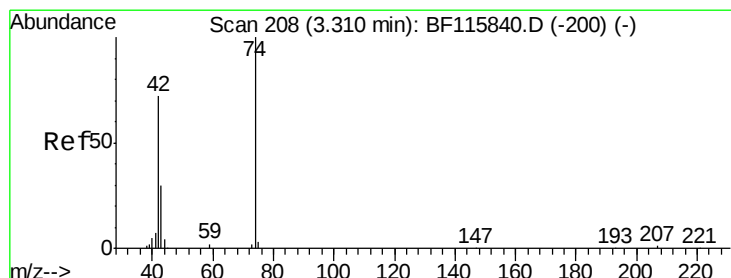
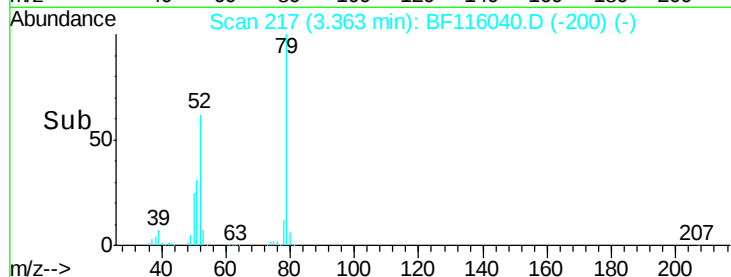
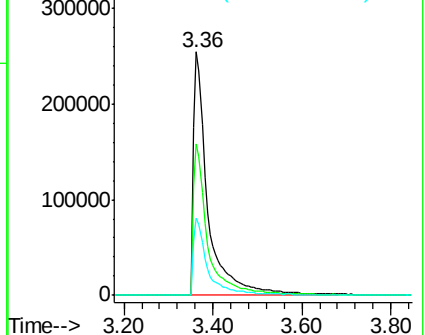
51 31.5 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.549 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

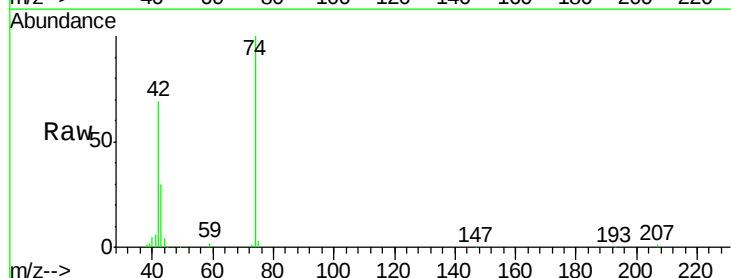
Tgt Ion: 42 Resp: 230422

Ion Ratio Lower Upper

42 100

74 145.0 116.0 174.0

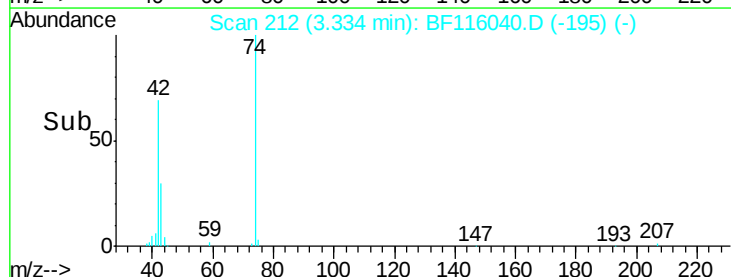
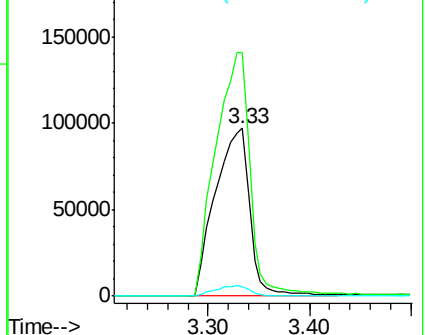
44 5.8 4.6 7.0

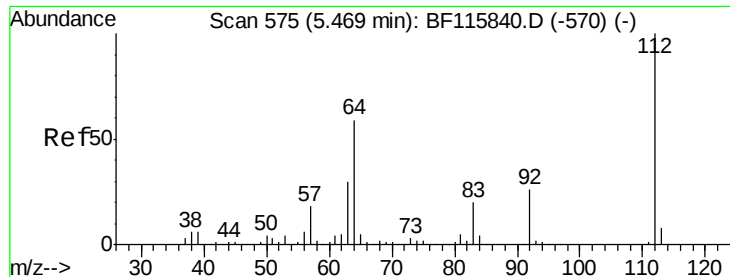


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.957 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

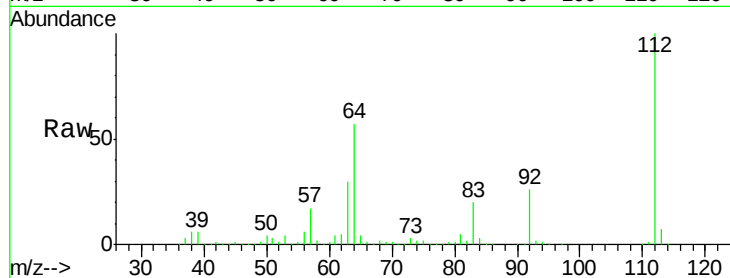
Tot Ion:112 Resp: 868921

Ion Ratio Lower Upper

112 100

64 56.8 45.4 68.2

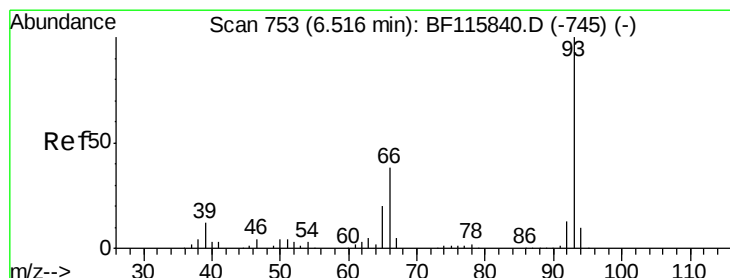
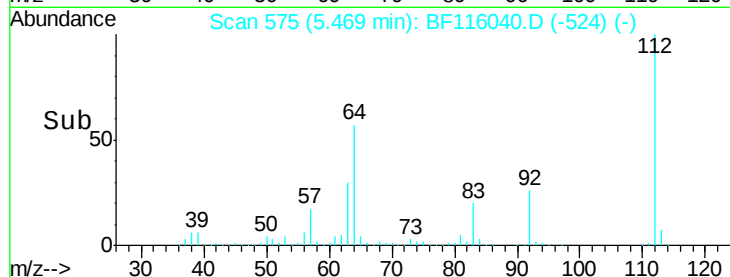
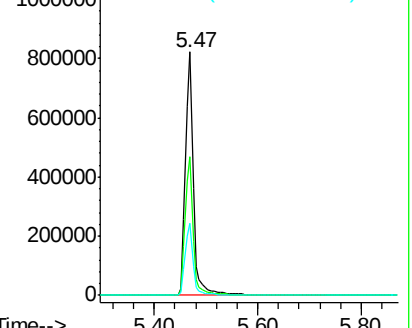
63 29.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.693 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

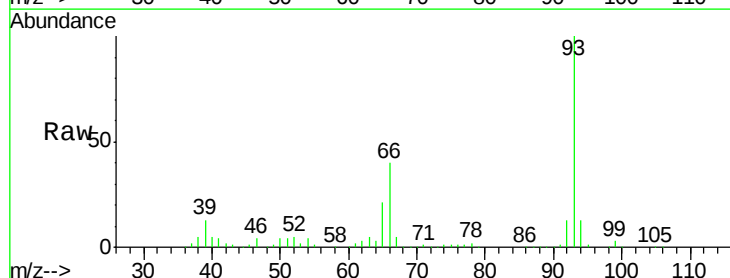
Tgt Ion: 93 Resp: 769780

Ion Ratio Lower Upper

93 100

66 40.3 32.2 48.4

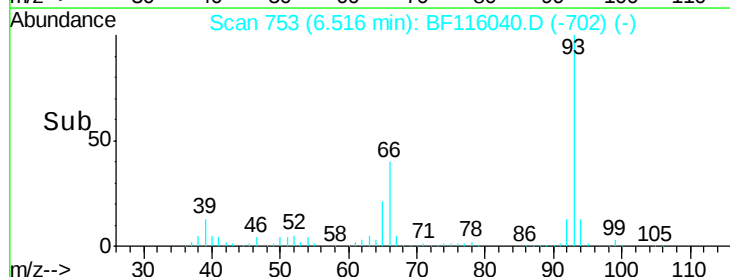
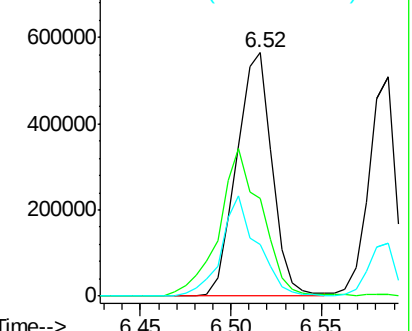
65 21.3 17.0 25.6

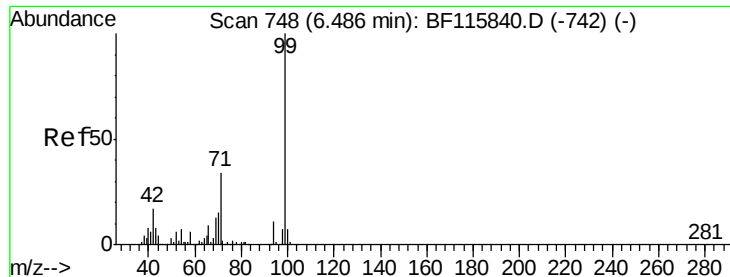


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.414 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

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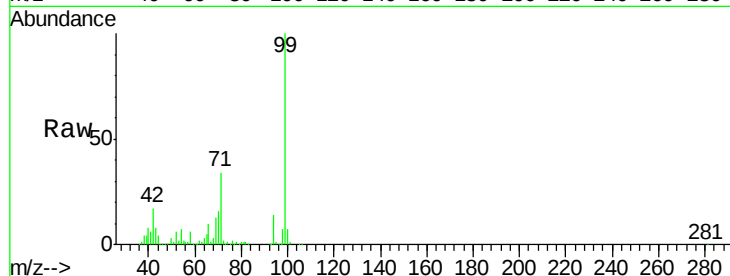
Tot Ion: 99 Resp: 1116034

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.8

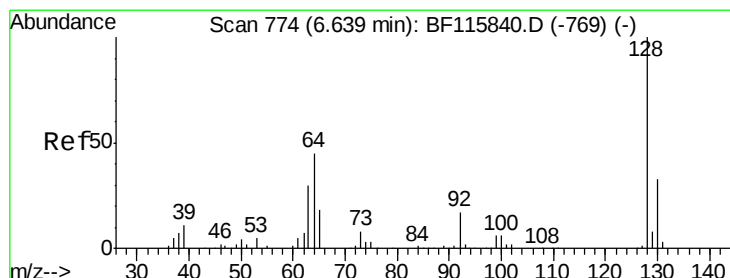
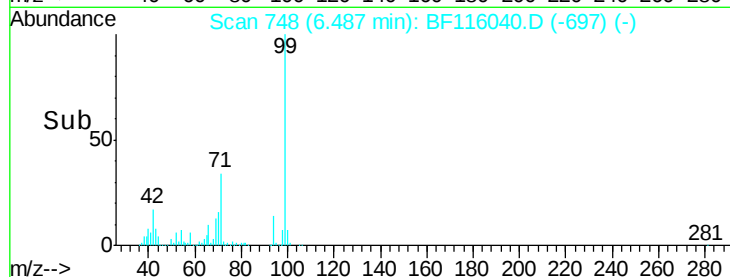
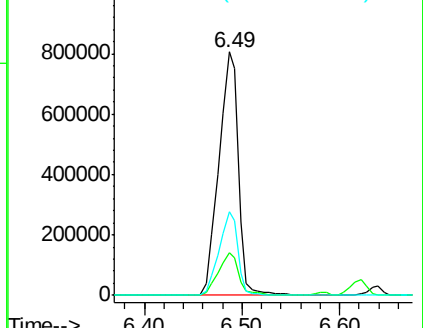
71 34.1 27.3 40.9



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: 42.888 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

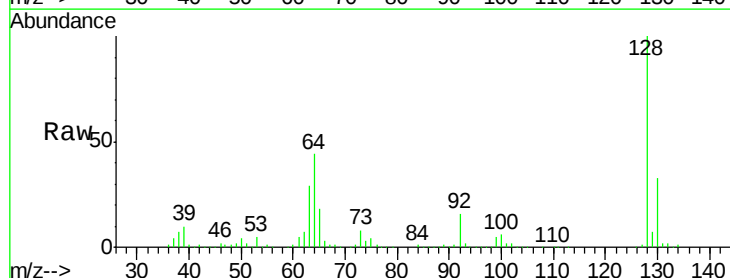
Tgt Ion: 128 Resp: 509024

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

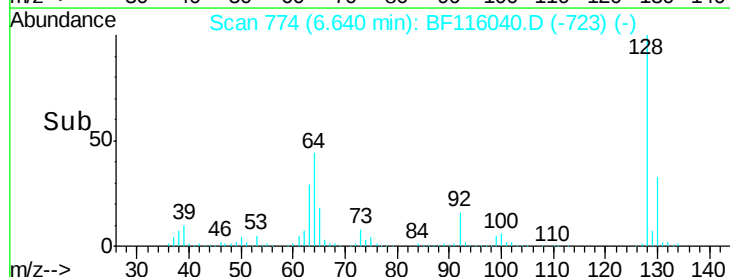
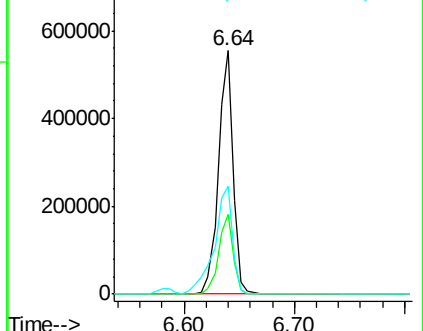
64 44.3 24.3 64.3

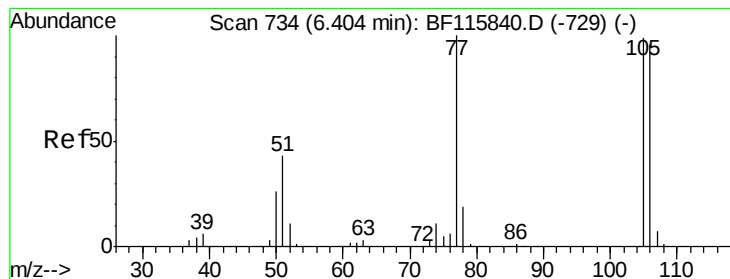


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.654 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

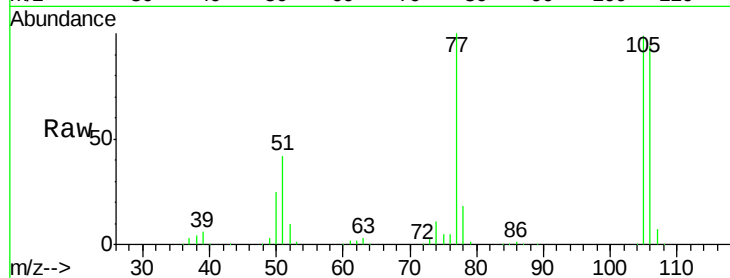
Tot Ion: 77 Resp: 342482

Ion Ratio Lower Upper

77 100

105 99.2 79.2 119.2

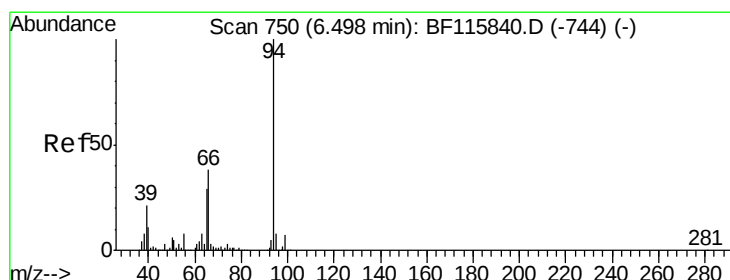
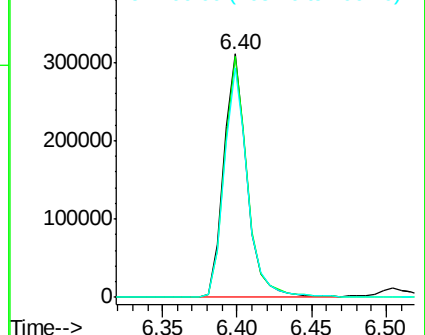
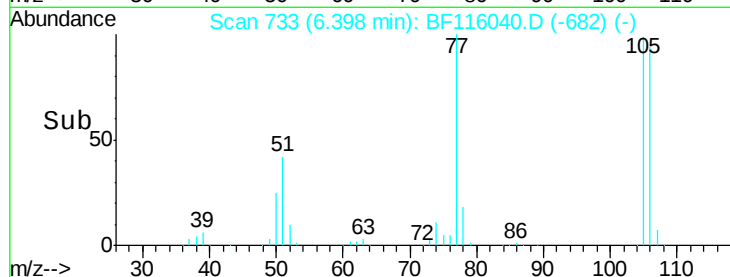
106 94.3 74.3 114.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.600 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

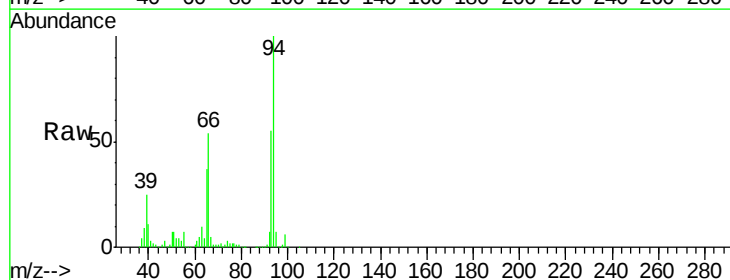
Tgt Ion: 94 Resp: 647450

Ion Ratio Lower Upper

94 100

65 36.8 16.8 56.8

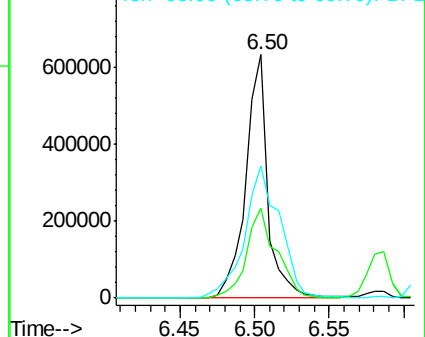
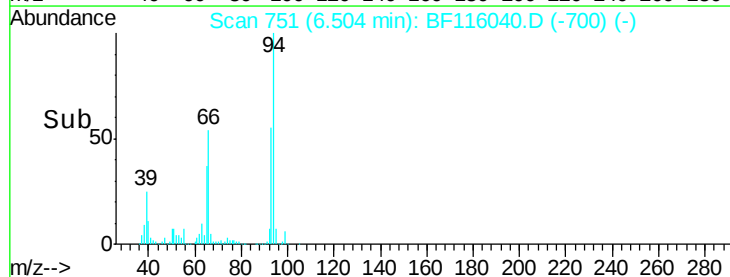
66 54.2 34.2 74.2

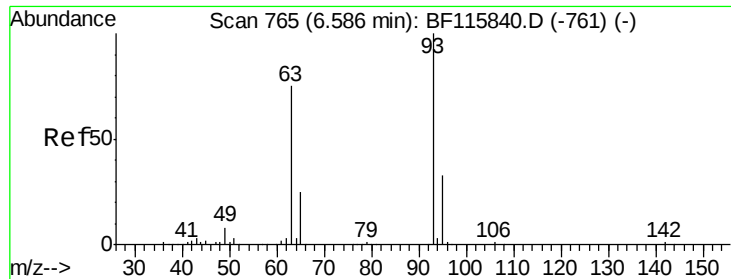


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

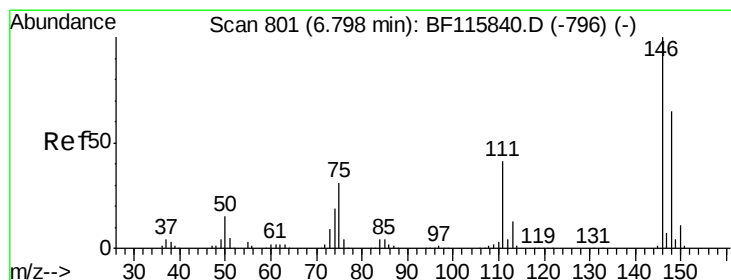
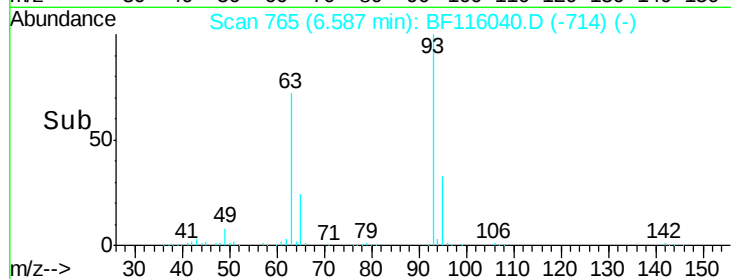
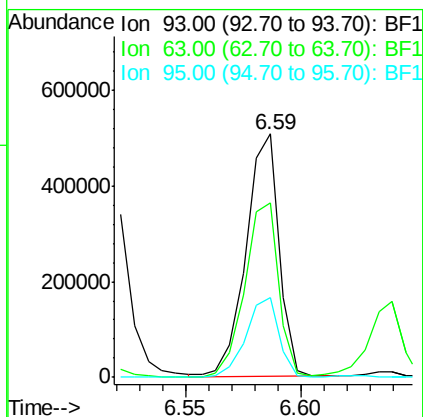
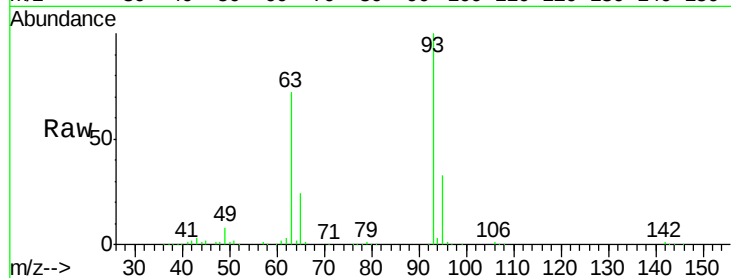




#11
bis(2-Chloroethyl)ether
Concen: 43.416 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

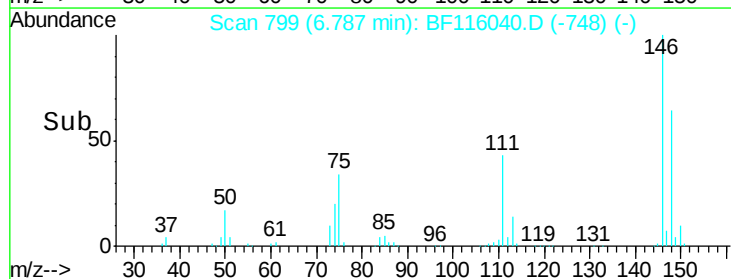
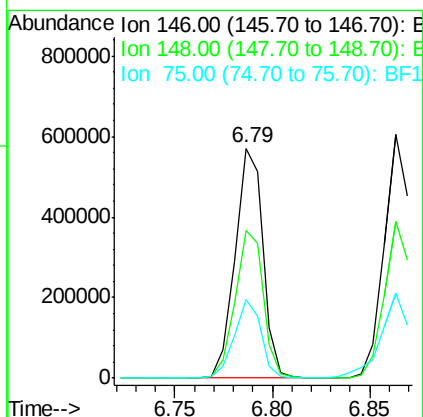
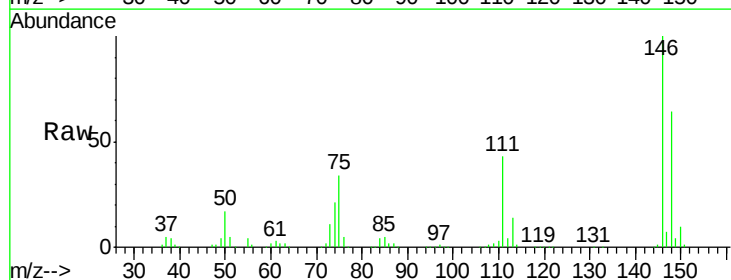
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

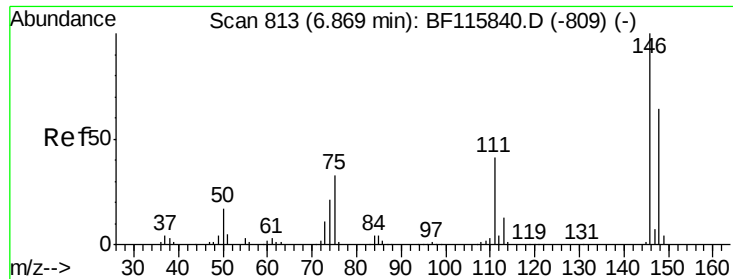
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.9	51.9	91.9
95	33.0	13.0	53.0



#12
1,3-Dichlorobenzene
Concen: 41.230 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
75	34.3	27.4	41.2

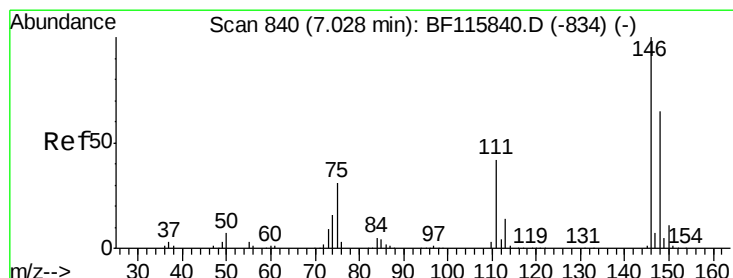
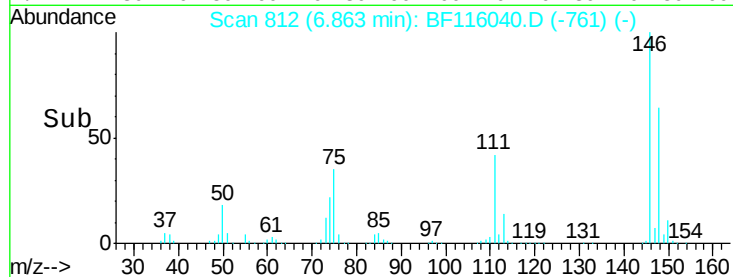
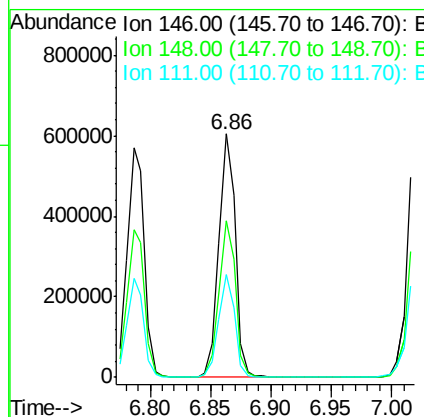
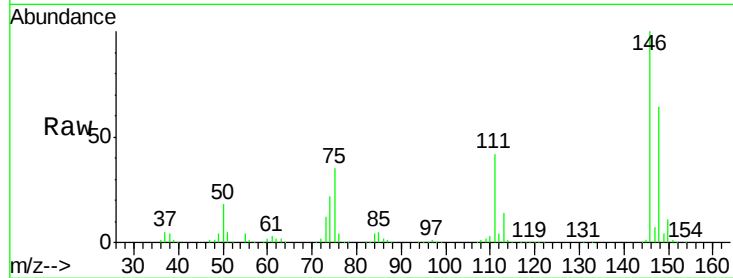




#13
 1,4-Dichlorobenzene
 Concen: 41.039 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

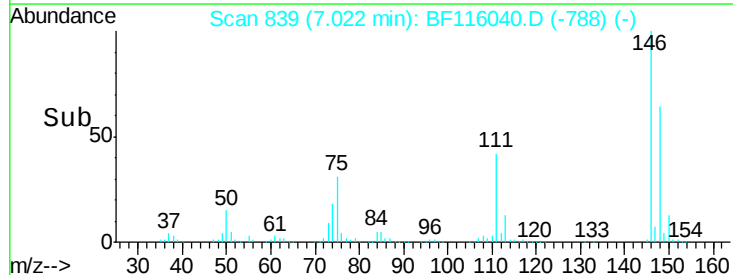
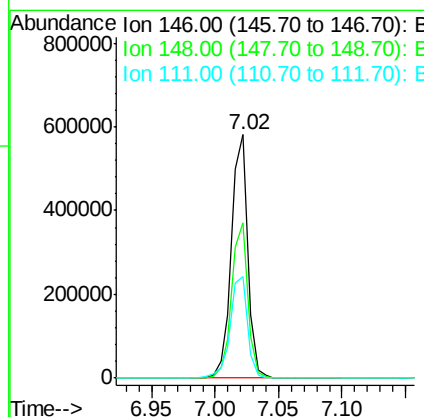
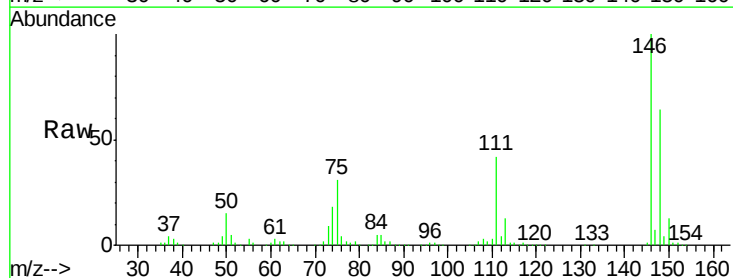
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

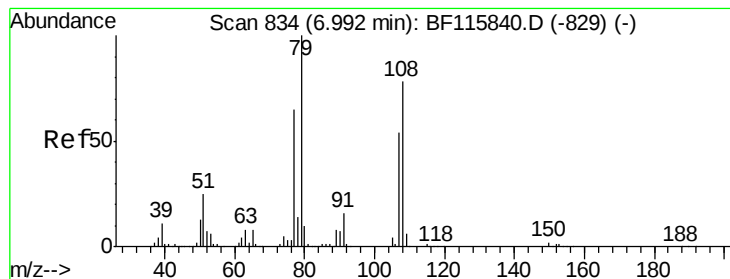
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
111	42.5	34.0	51.0



#14
 1,2-Dichlorobenzene
 Concen: 40.646 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
111	41.9	33.5	50.3





#15

Benzyl Alcohol

Concen: 41.619 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

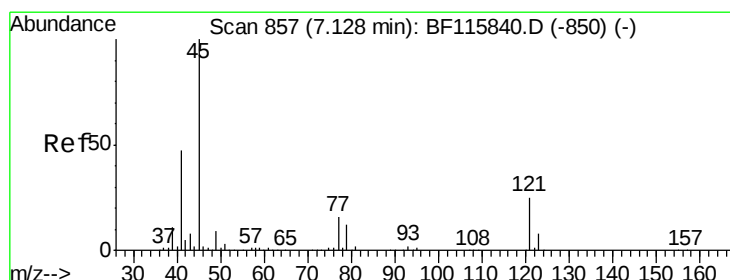
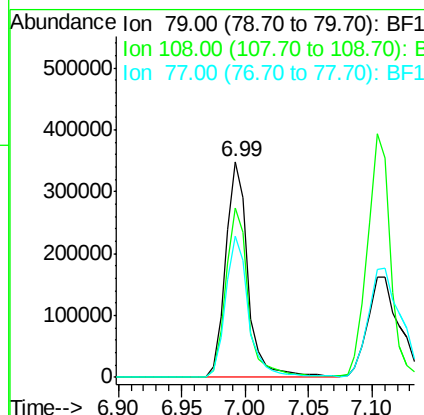
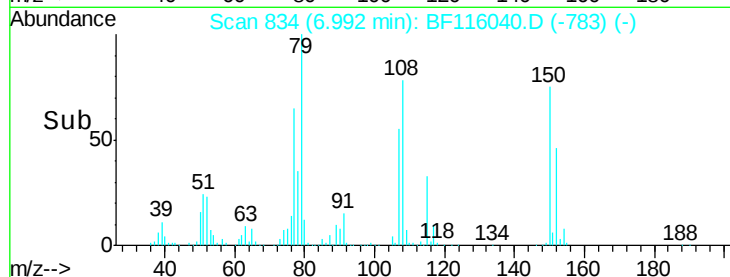
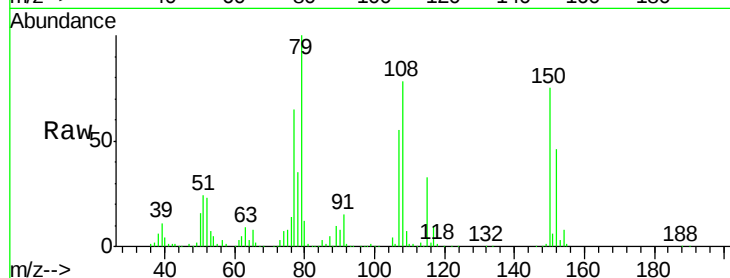
Tot Ion: 79 Resp: 427708

Ion Ratio Lower Upper

79 100

108 78.4 62.7 94.1

77 65.2 52.2 78.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.965 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

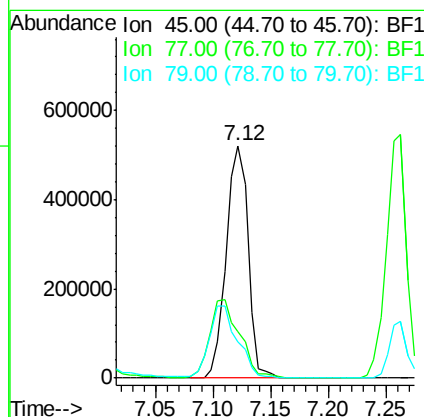
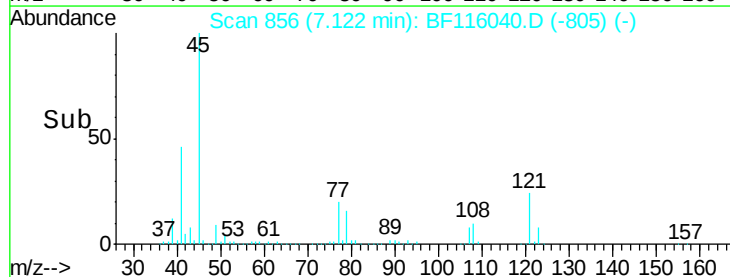
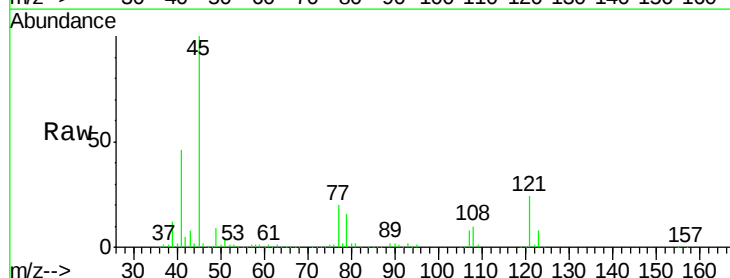
Tgt Ion: 45 Resp: 687096

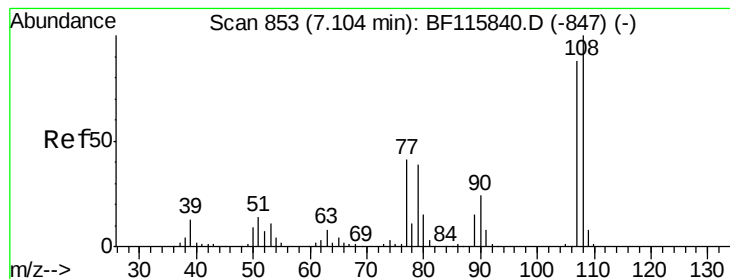
Ion Ratio Lower Upper

45 100

77 20.0 0.0 40.0

79 15.9 0.0 35.9





#17

2-Methylphenol

Concen: 43.139 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 433540

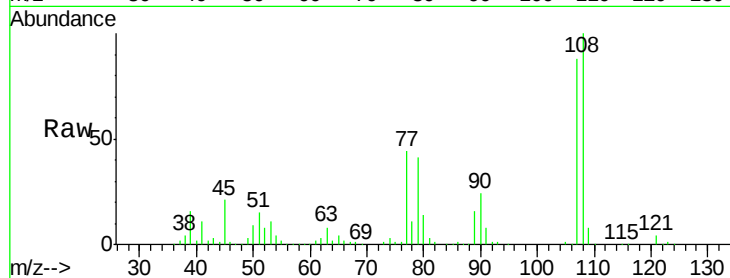
Ion Ratio Lower Upper

107 100

108 114.0 91.2 136.8

77 50.4 40.3 60.5

79 47.0 37.6 56.4

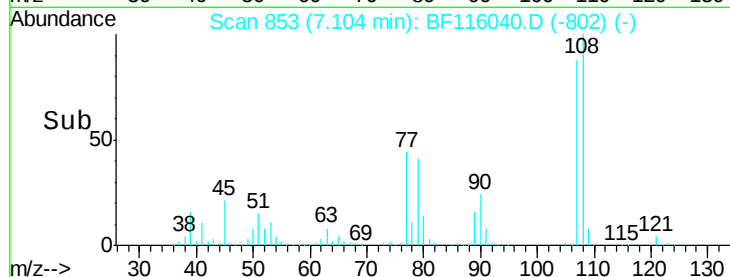


Abundance Ion 107.00 (106.70 to 107.70): E

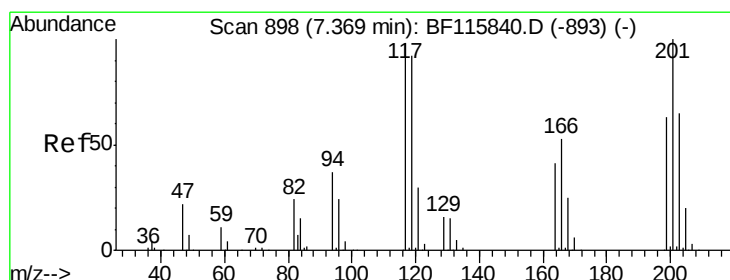
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 42.520 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

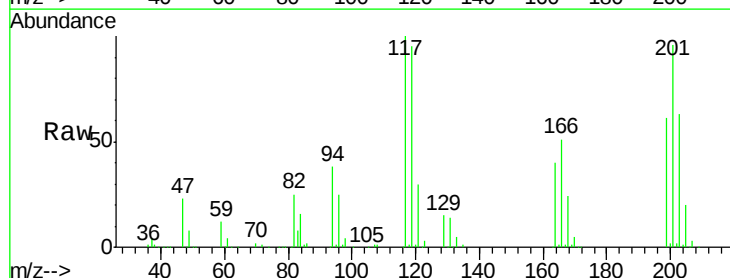
Tgt Ion:117 Resp: 215004

Ion Ratio Lower Upper

117 100

119 95.1 76.1 114.1

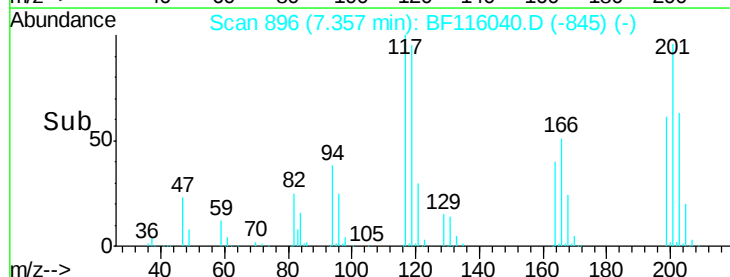
201 96.2 77.0 115.4



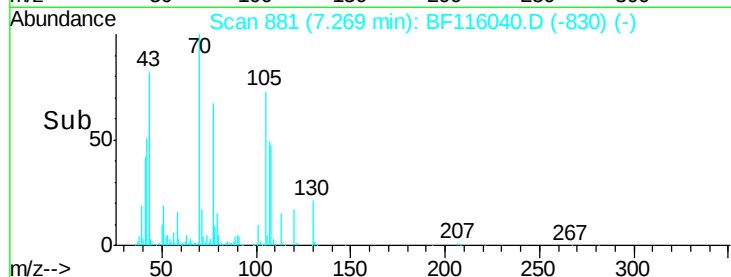
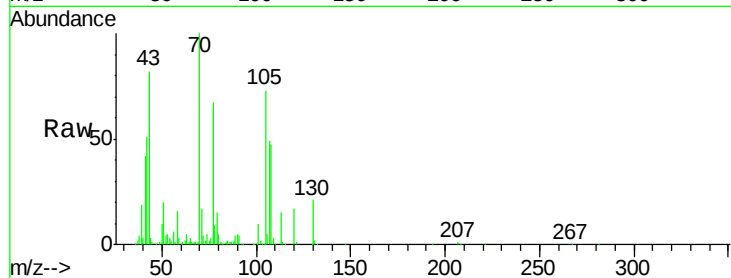
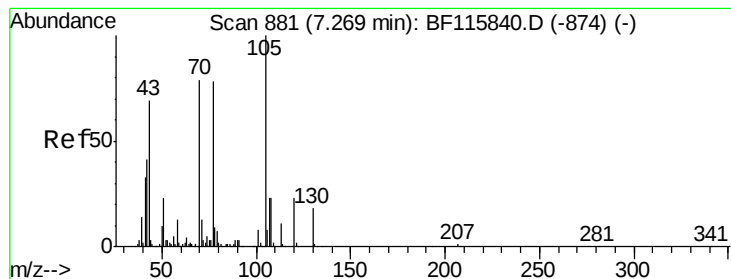
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 43.718 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 366859

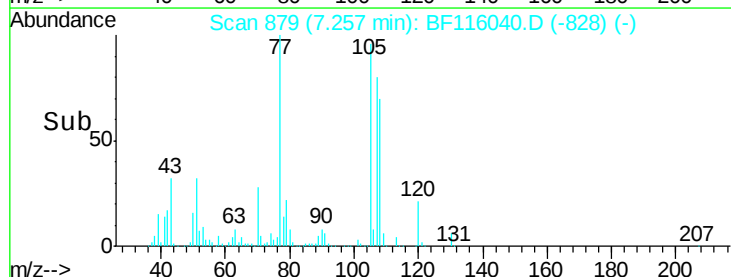
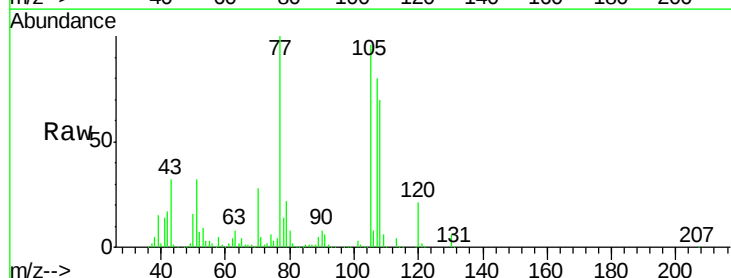
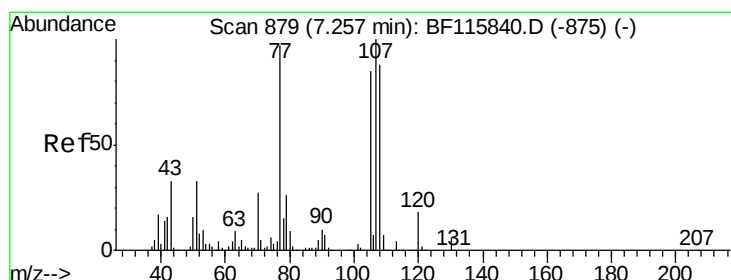
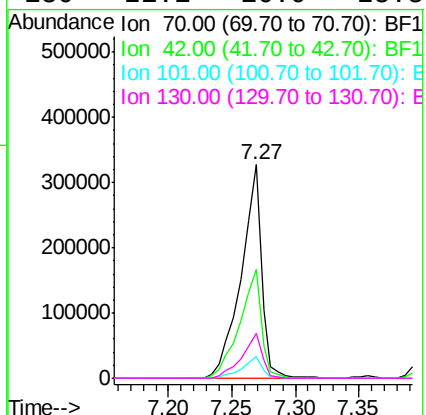
Ion Ratio Lower Upper

70 100

42 51.1 40.9 61.3

101 9.9 7.9 11.9

130 21.1 16.9 25.3



#20

3+4-Methylphenols

Concen: 41.739 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Tgt Ion: 107 Resp: 496390

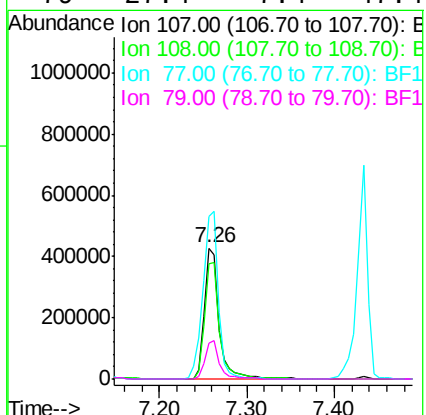
Ion Ratio Lower Upper

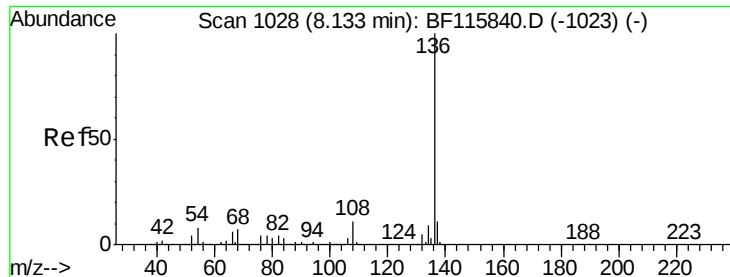
107 100

108 87.6 67.6 107.6

77 124.4 104.4 144.4

79 27.4 7.4 47.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 756057

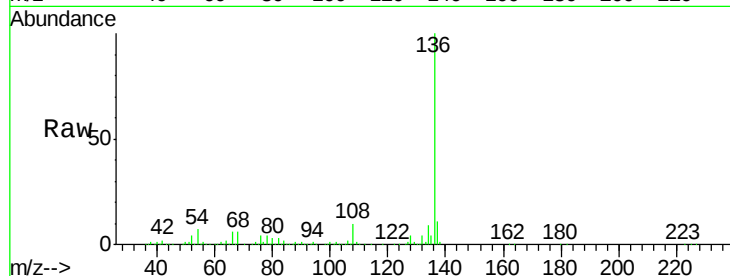
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.2 5.8 8.6

68 6.5 5.2 7.8

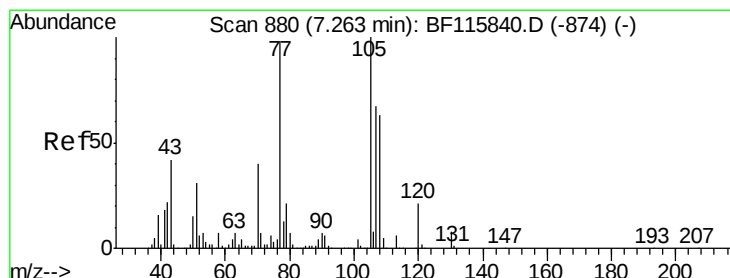
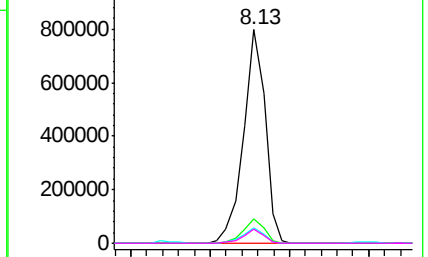
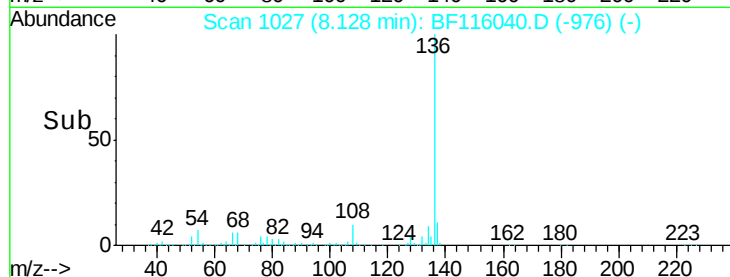


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.382 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Tgt Ion:105 Resp: 669594

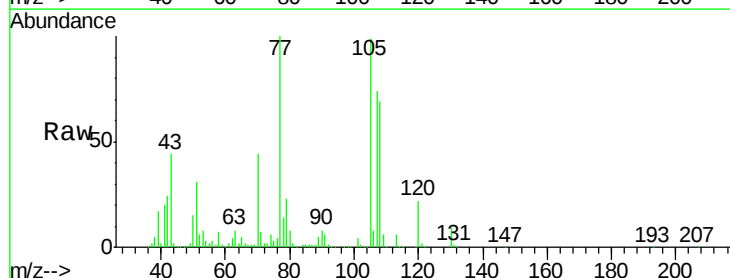
Ion Ratio Lower Upper

105 100

71 7.4 5.9 8.9

51 31.6 25.3 37.9

120 22.4 17.9 26.9

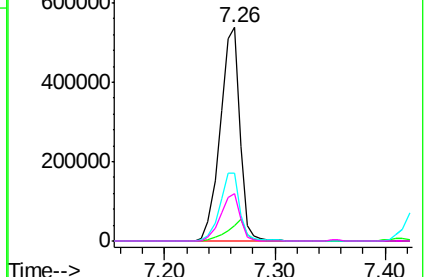
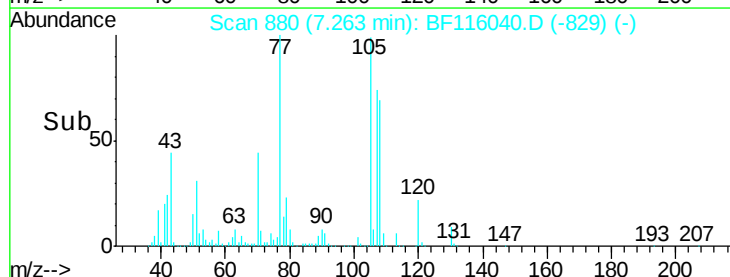


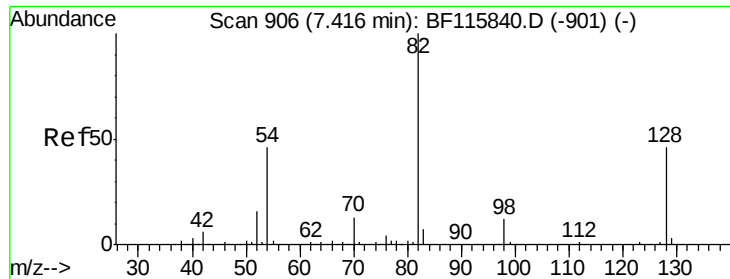
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

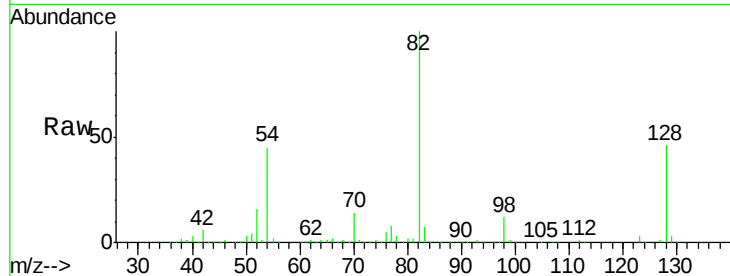




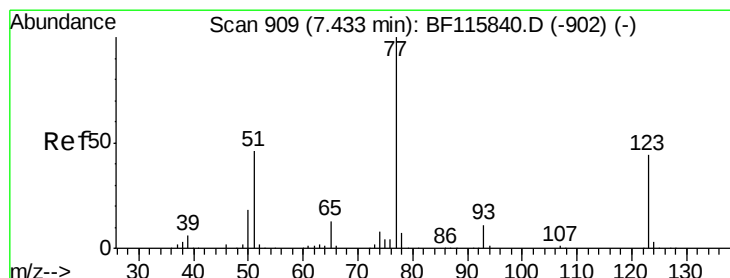
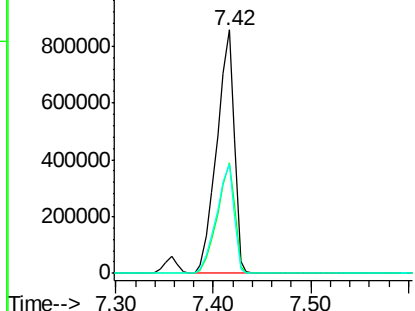
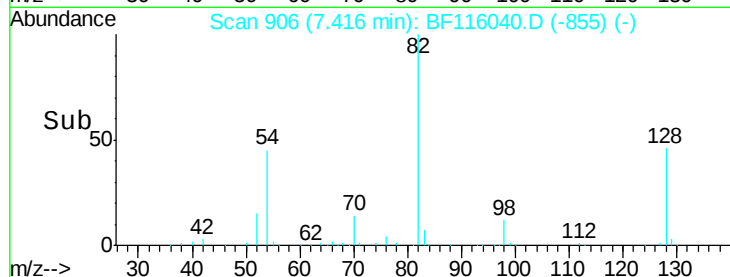
#23
Nitrobenzene-d5
Concen: 81.486 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1067307
Ion Ratio Lower Upper
82 100
128 45.6 36.5 54.7
54 45.0 36.0 54.0

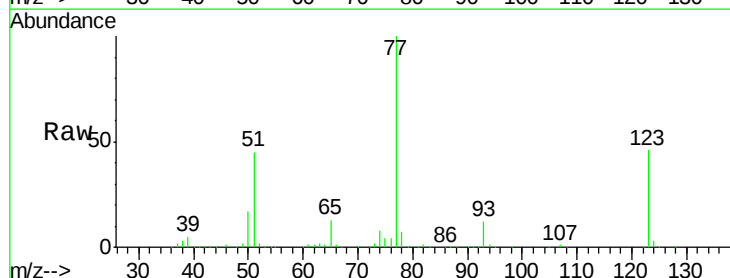


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

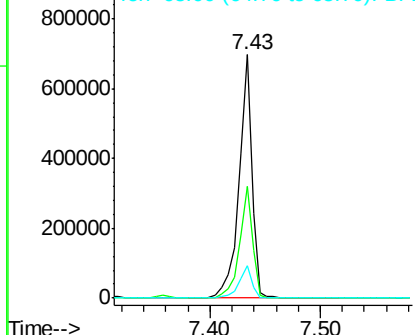
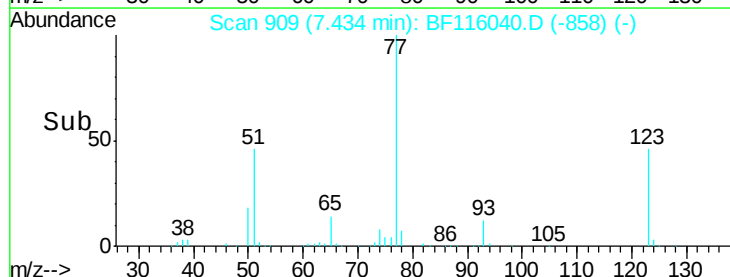


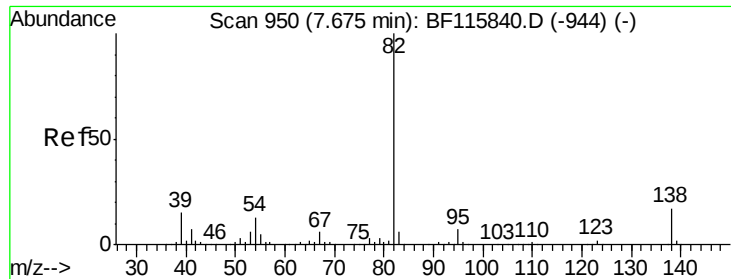
#24
Nitrobenzene
Concen: 40.916 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion: 77 Resp: 578660
Ion Ratio Lower Upper
77 100
123 45.9 36.7 55.1
65 13.3 10.6 16.0



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





#25

Isophorone

Concen: 42.762 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

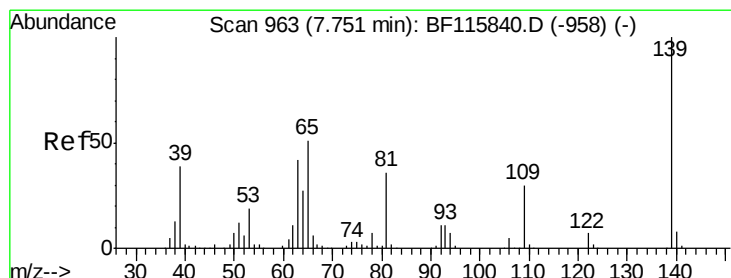
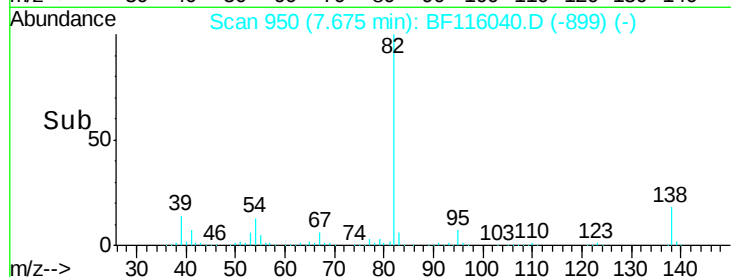
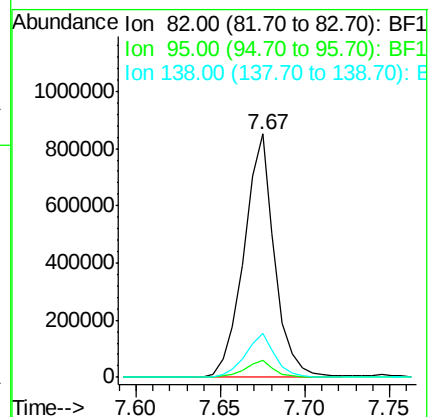
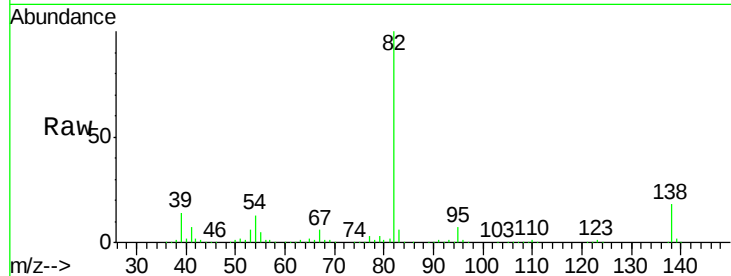
Tot Ion: 82 Resp: 1070992

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 18.1 14.5 21.7



#26

2-Nitrophenol

Concen: 44.386 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

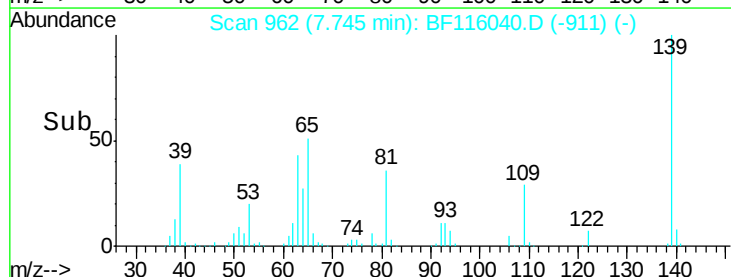
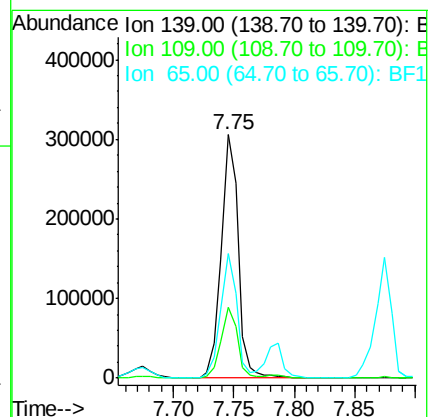
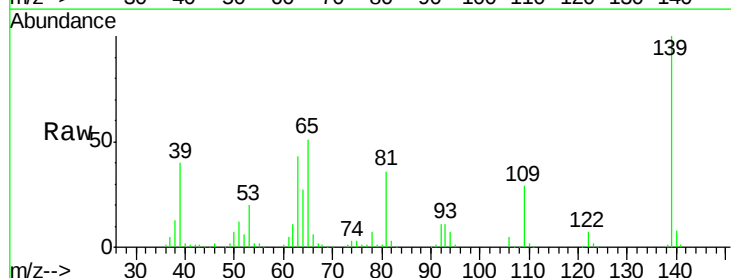
Tgt Ion: 139 Resp: 295905

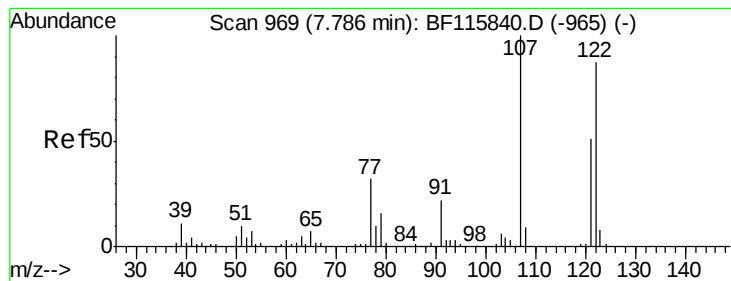
Ion Ratio Lower Upper

139 100

109 29.3 23.4 35.2

65 51.4 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 40.580 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

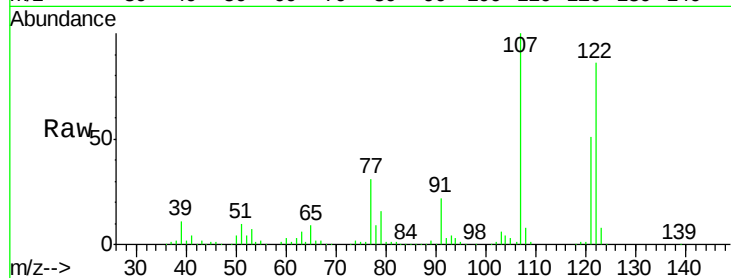
Tot Ion:122 Resp: 407013

Ion Ratio Lower Upper

122 100

107 116.3 93.0 139.6

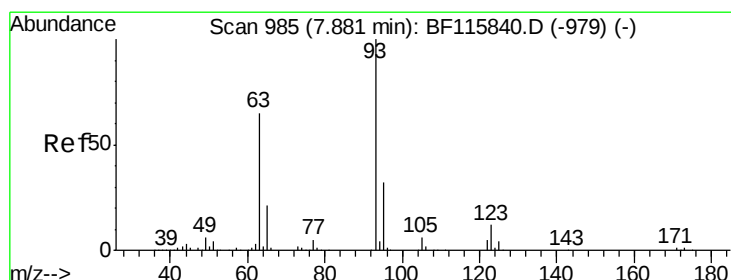
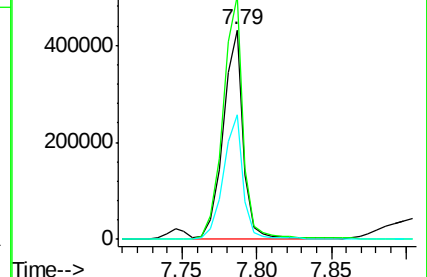
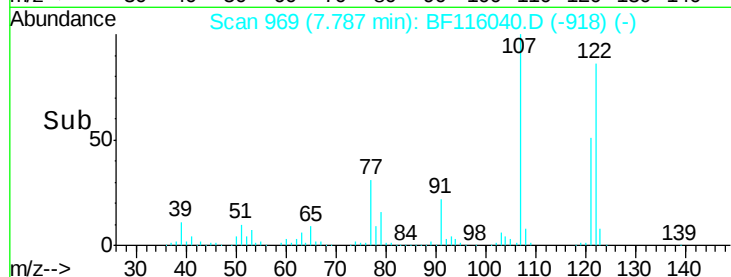
121 59.5 47.6 71.4



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: 43.501 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

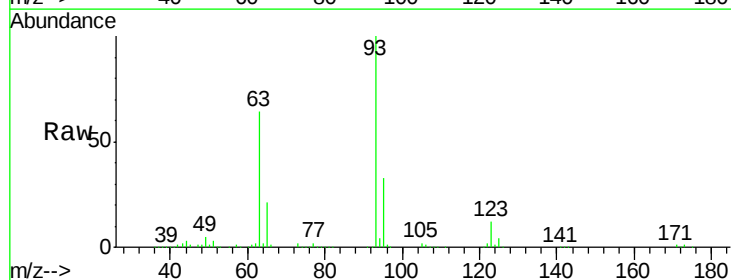
Tgt Ion: 93 Resp: 675286

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

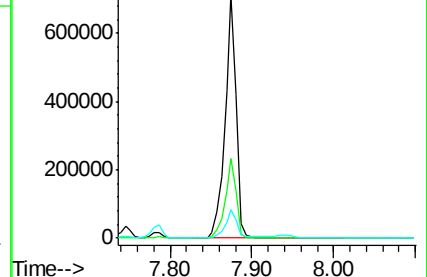
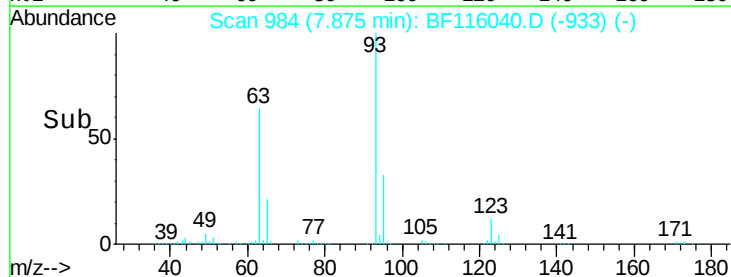
123 11.5 9.2 13.8

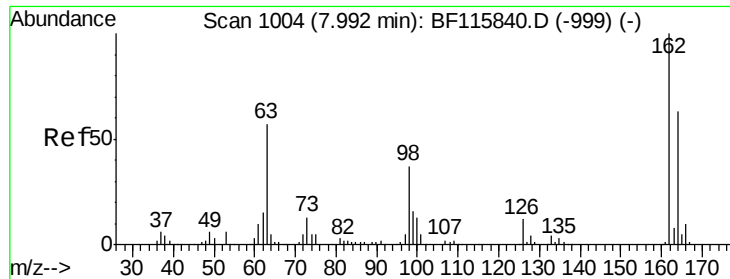


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

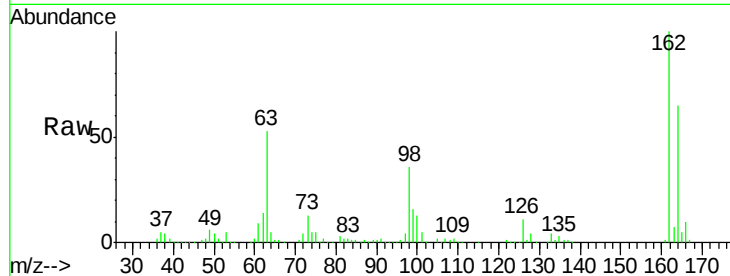




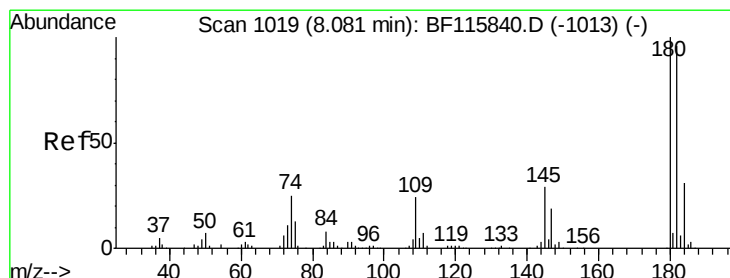
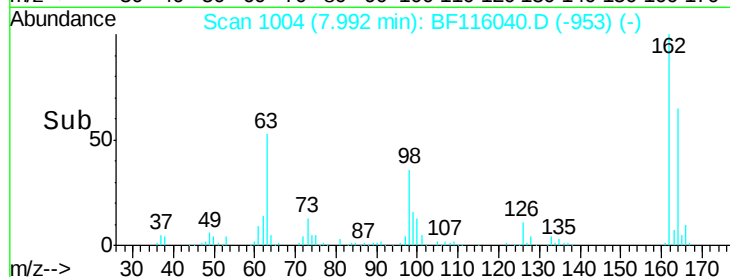
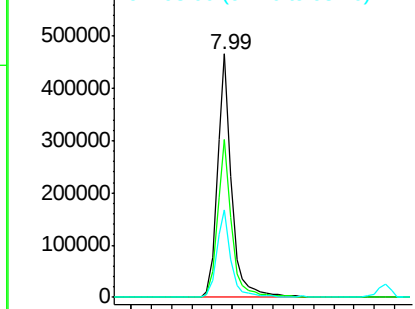
#29
 2,4-Dichlorophenol
 Concen: 42.656 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 451740
 Ion Ratio Lower Upper
 162 100
 164 65.1 45.1 85.1
 98 35.8 15.8 55.8

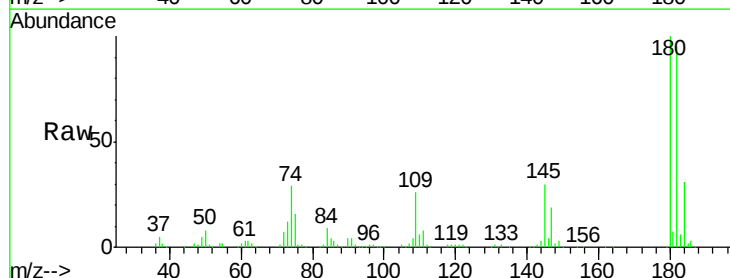


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

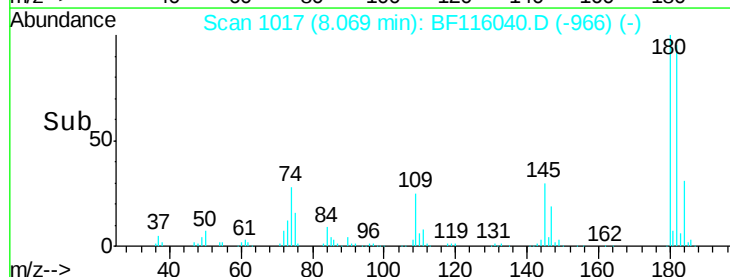
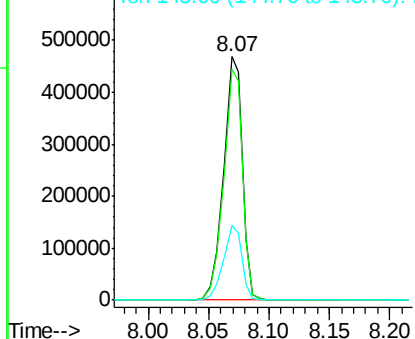


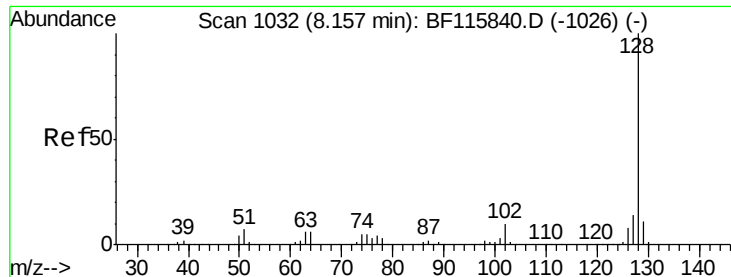
#30
 1,2,4-Trichlorobenzene
 Concen: 41.754 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Tgt Ion:180 Resp: 504046
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.7 113.5
 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: 41.221 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

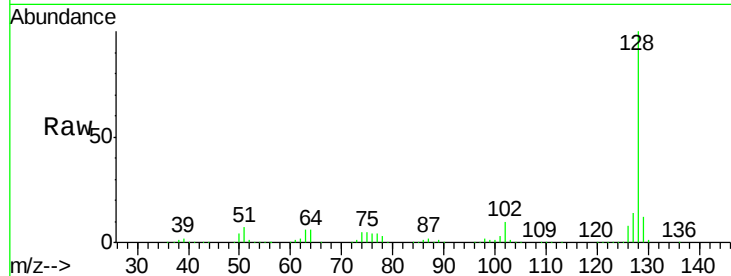
Tot Ion:128 Resp: 1466572

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

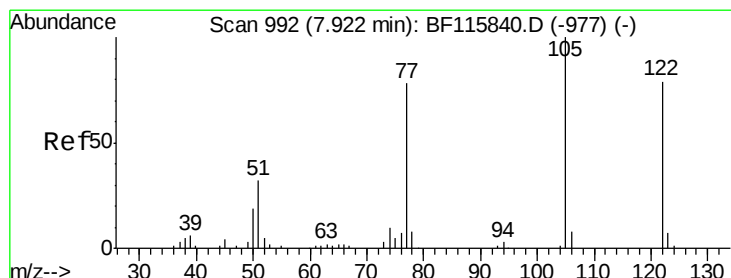
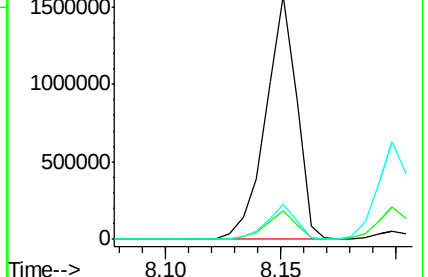
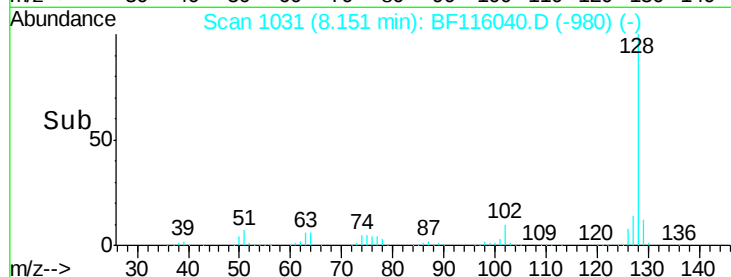
127 14.2 11.4 17.0



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: 41.104 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

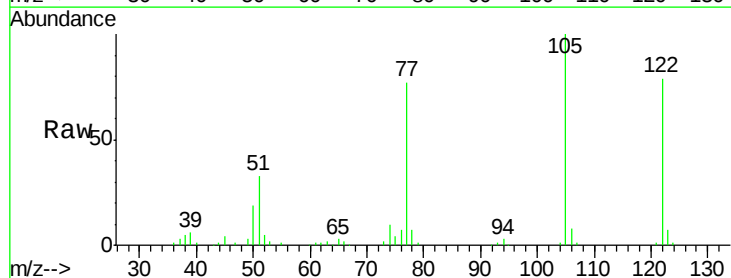
Tgt Ion:122 Resp: 290664

Ion Ratio Lower Upper

122 100

105 126.1 106.1 146.1

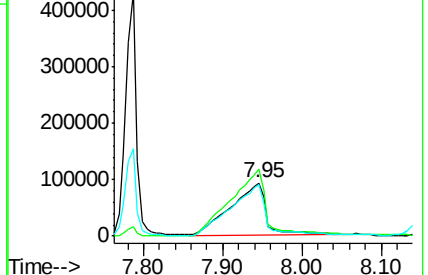
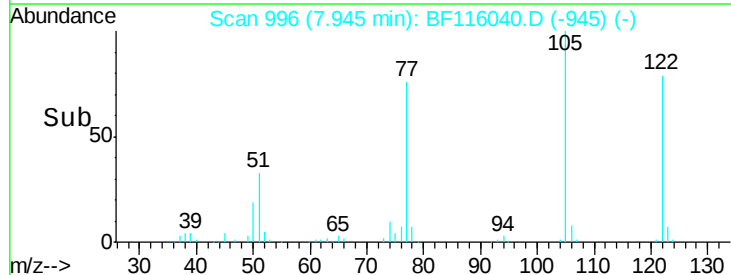
77 96.7 76.7 116.7

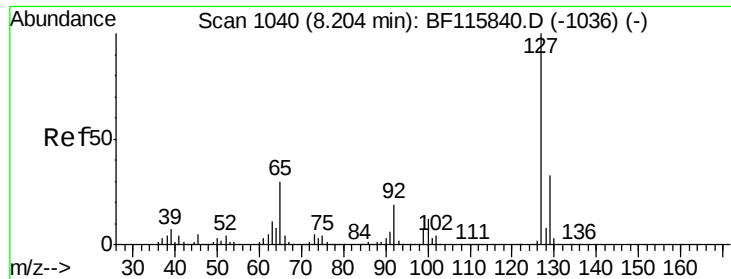


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

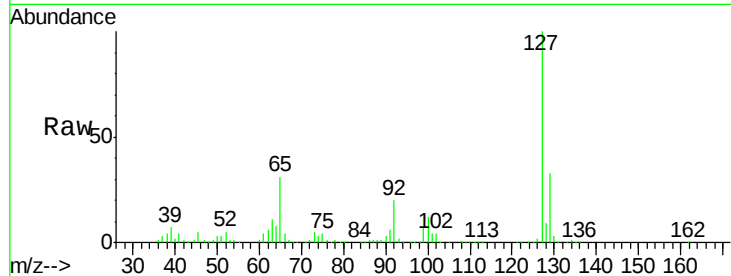




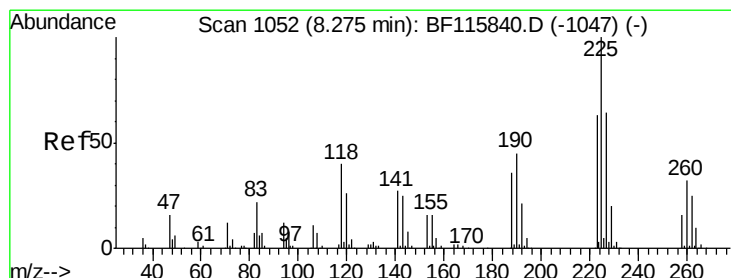
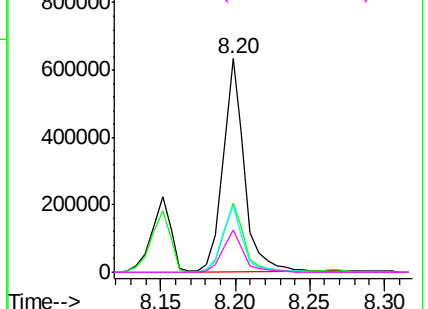
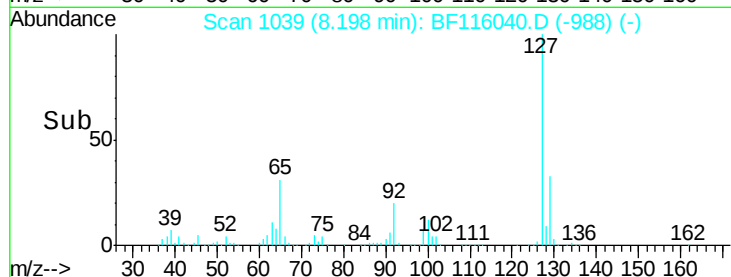
#33
4-Chloroaniline
Concen: 39.978 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	635520
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	31.1	24.9	37.3
92	19.6	15.7	23.5

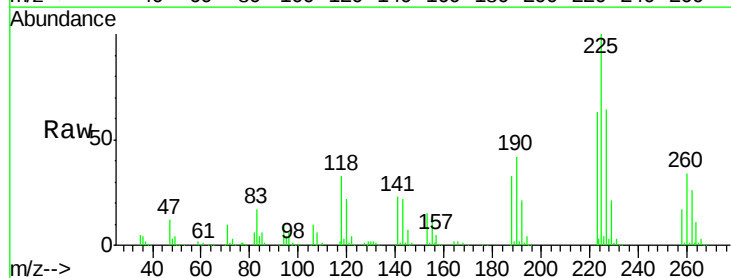


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

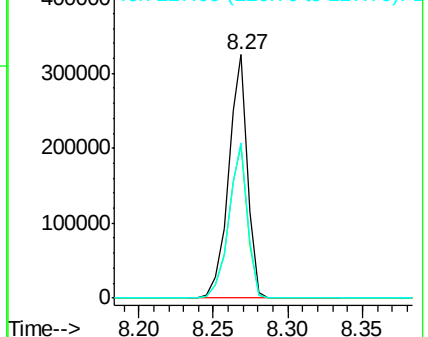
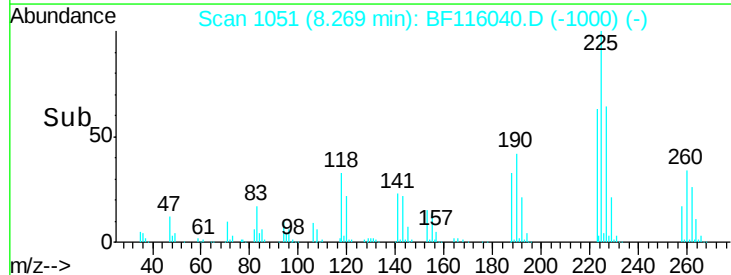


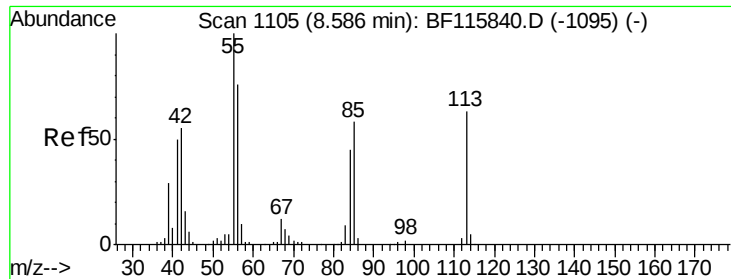
#34
Hexachlorobutadiene
Concen: 41.919 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion:	225	Resp:	291474
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.0	75.0
227	63.7	51.0	76.4



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

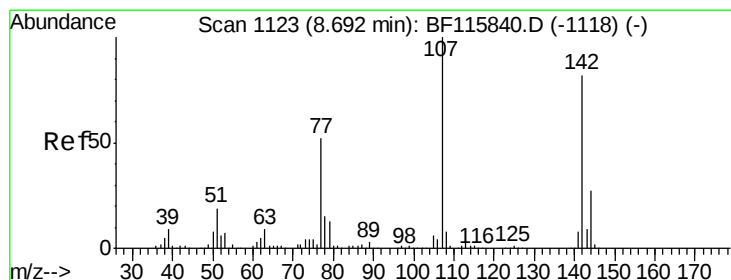
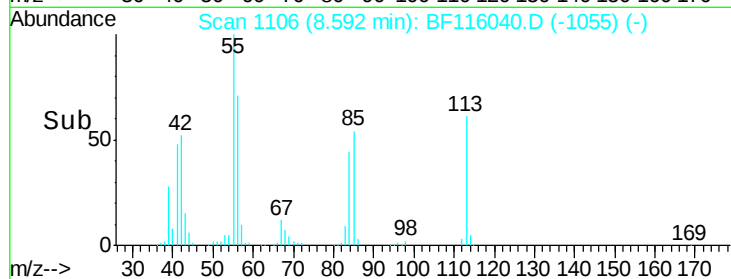
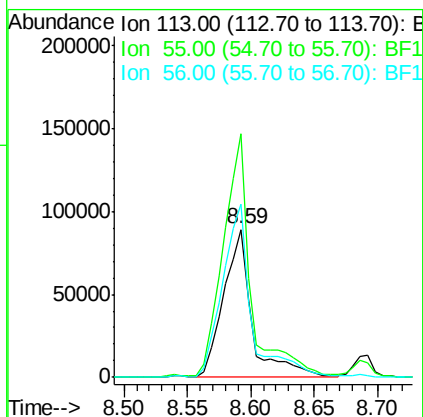
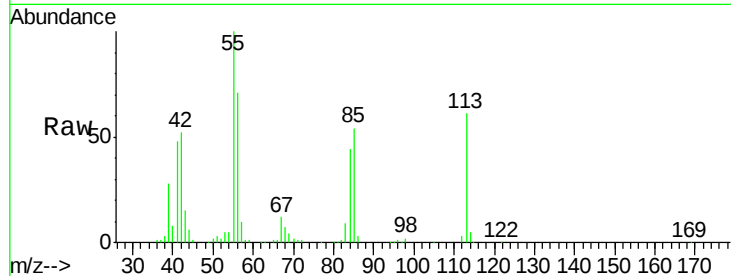




#35
 Caprolactam
 Concen: 40.427 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

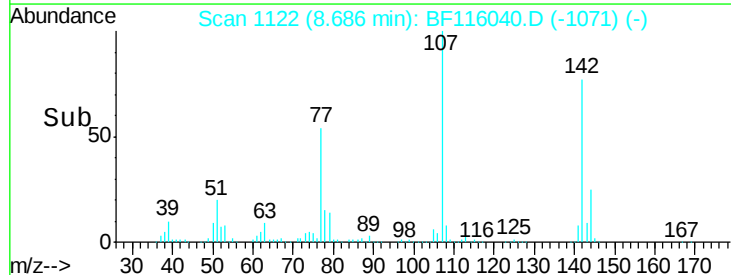
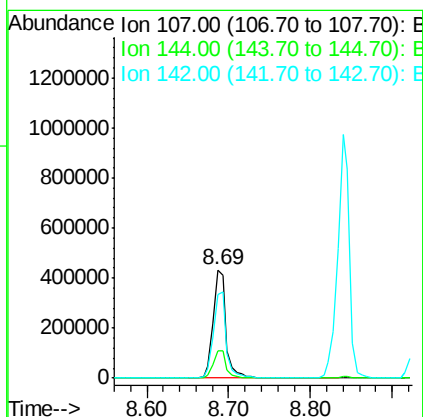
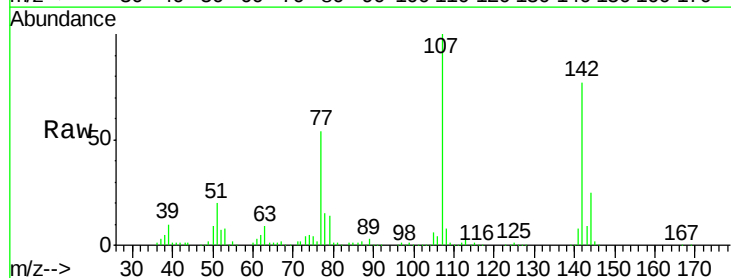
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

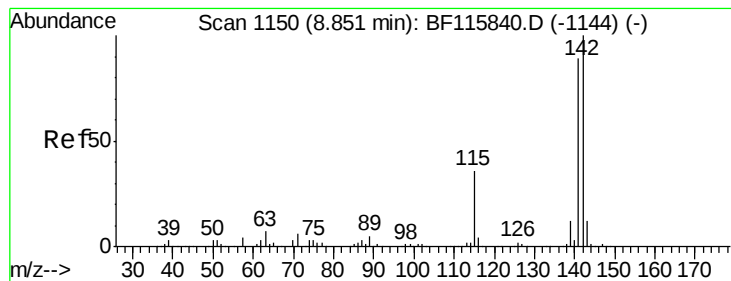
Tot Ion:113 Resp: 138467
 Ion Ratio Lower Upper
 113 100
 55 164.3 144.3 184.3
 56 117.1 97.1 137.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.138 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Tgt Ion:107 Resp: 475262
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.2 30.2
 142 77.1 61.7 92.5

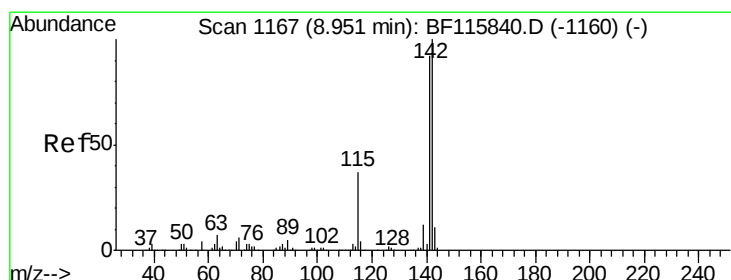
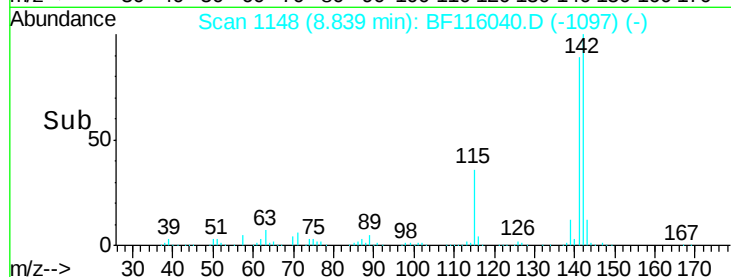
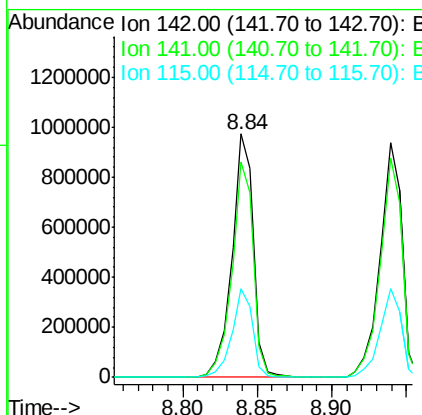
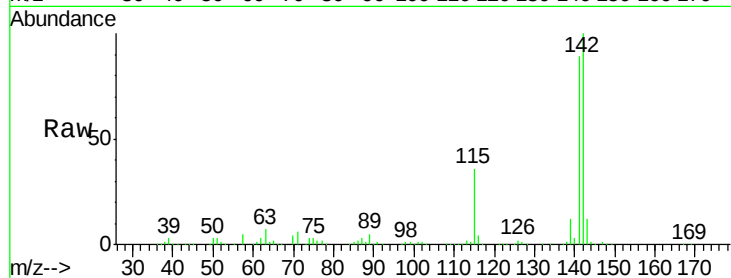




#37
2-Methylnaphthalene
Concen: 41.883 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

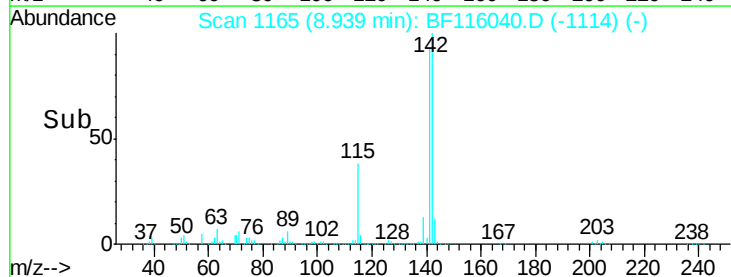
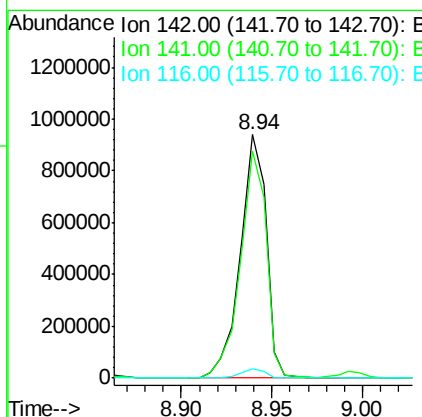
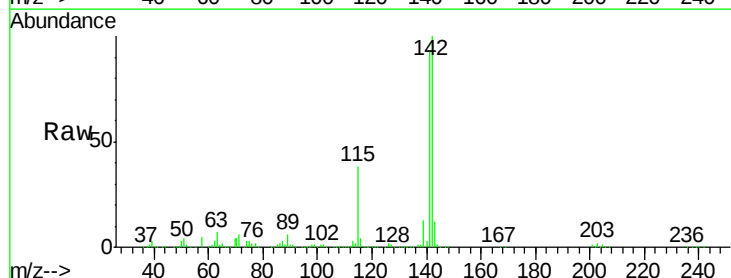
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

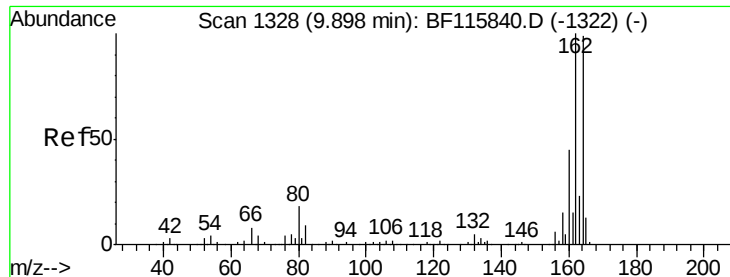
Tot Ion:142 Resp: 981381
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3
115 36.3 29.0 43.6



#38
1-Methylnaphthalene
Concen: 42.160 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion:142 Resp: 934571
Ion Ratio Lower Upper
142 100
141 93.0 74.4 111.6
116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

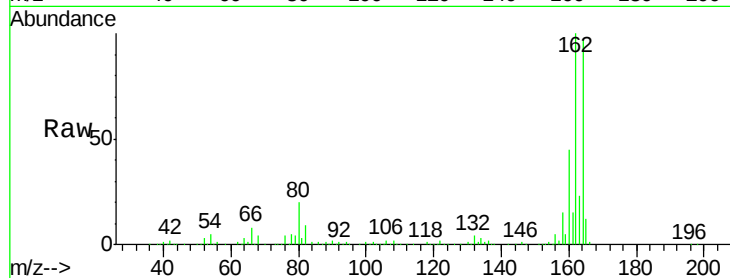
Tot Ion:164 Resp: 407063

Ion Ratio Lower Upper

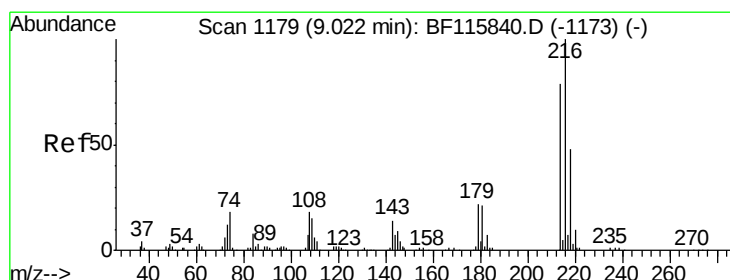
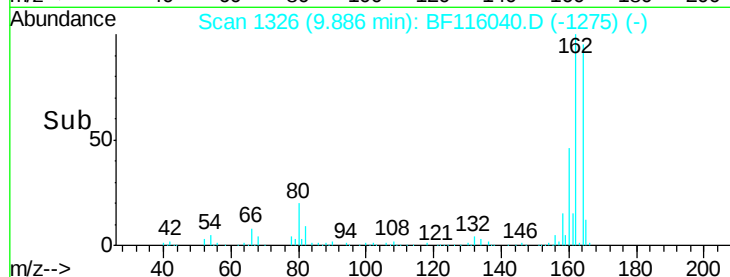
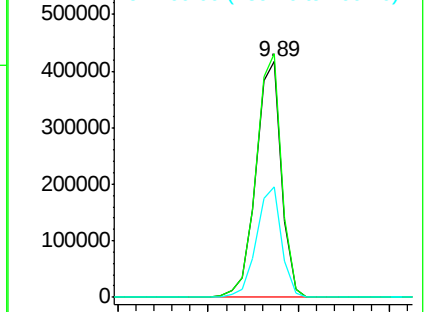
164 100

162 103.3 82.6 124.0

160 47.0 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.913 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Tgt Ion:216 Resp: 456114

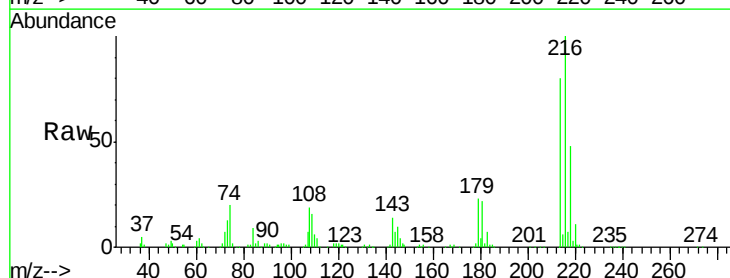
Ion Ratio Lower Upper

216 100

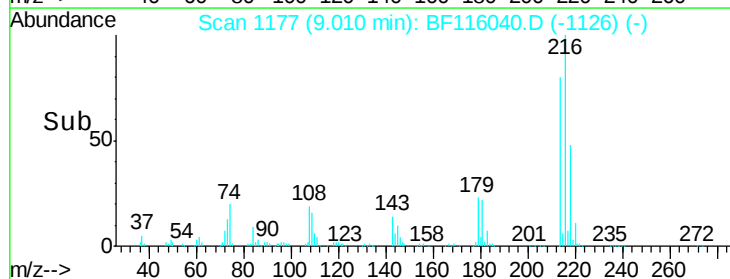
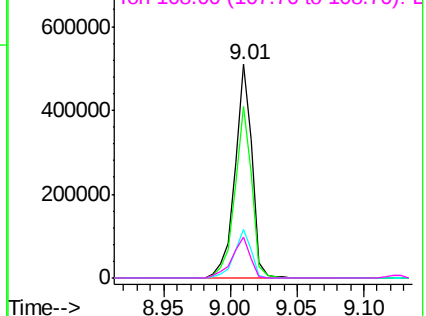
214 79.5 63.6 95.4

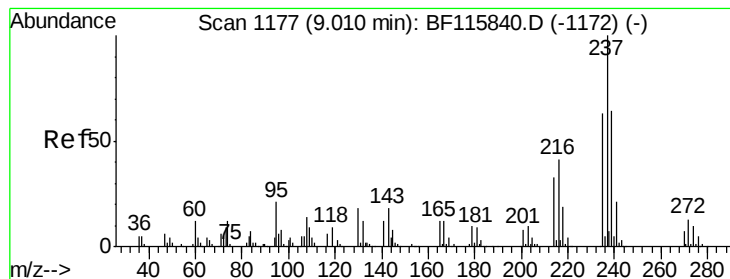
179 22.3 17.8 26.8

108 20.6 16.5 24.7



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.487 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

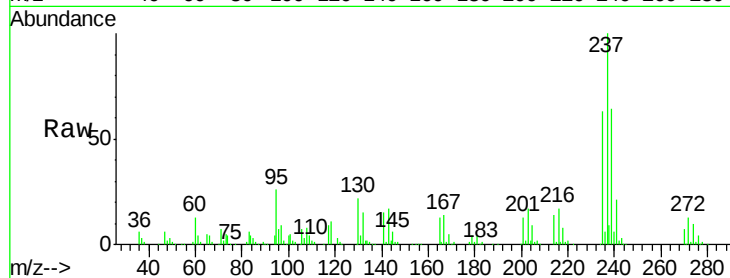
Tot Ion:237 Resp: 177090

Ion Ratio Lower Upper

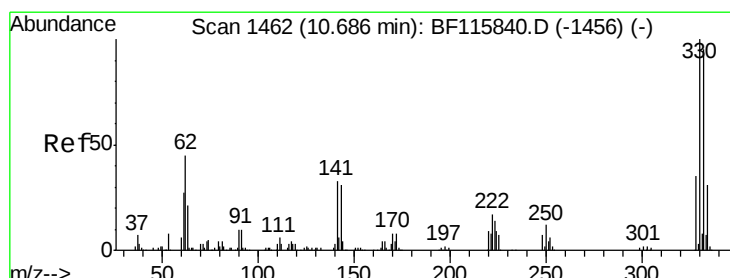
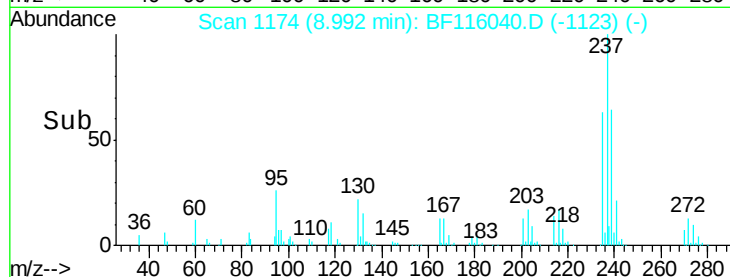
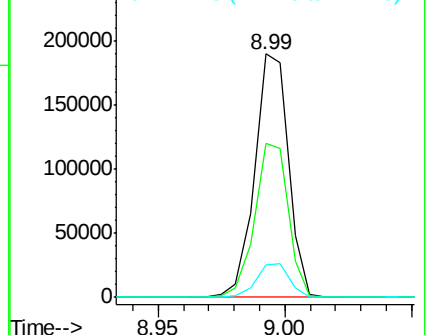
237 100

235 63.4 43.4 83.4

272 13.2 0.0 33.2



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



#42

2,4,6-Tribromophenol

Concen: 81.682 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

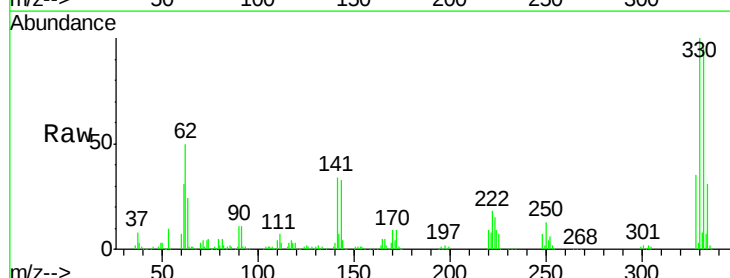
Tgt Ion:330 Resp: 322364

Ion Ratio Lower Upper

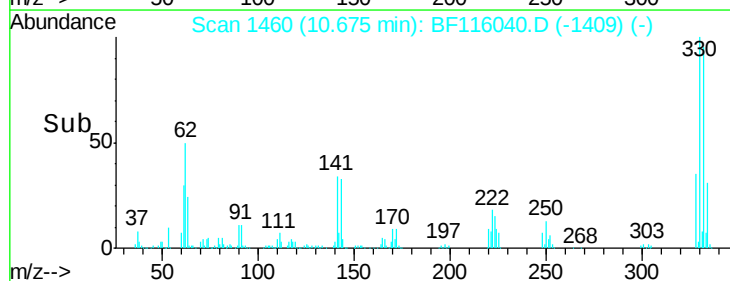
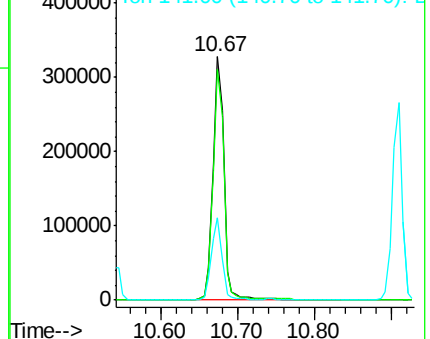
330 100

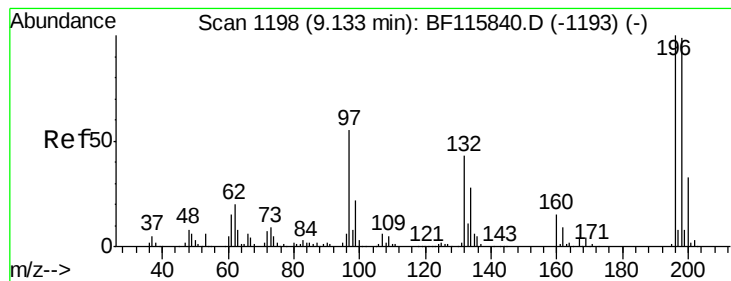
332 96.0 76.8 115.2

141 32.9 26.3 39.5



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





#43

2,4,6-Trichlorophenol

Concen: 39.993 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

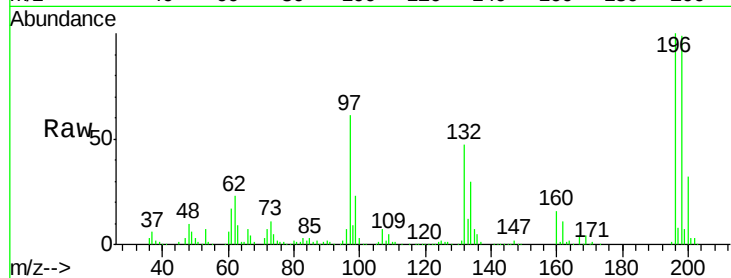
Tot Ion:196 Resp: 299570

Ion Ratio Lower Upper

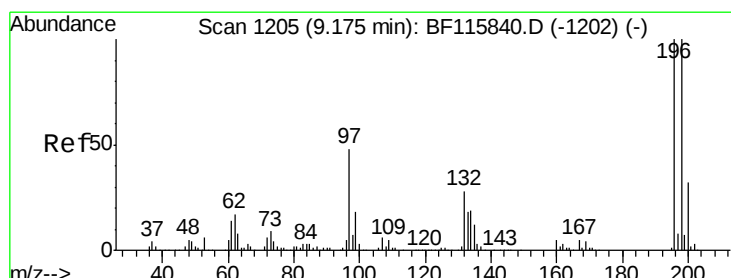
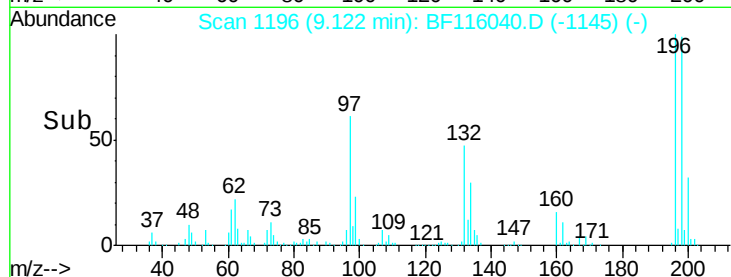
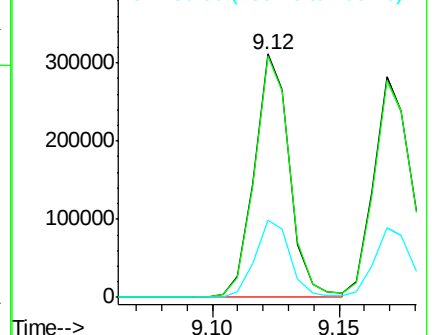
196 100

198 99.0 79.2 118.8

200 31.5 25.2 37.8



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: 41.008 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Tgt Ion:196 Resp: 317521

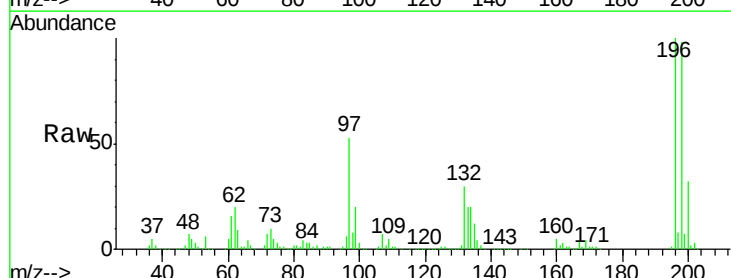
Ion Ratio Lower Upper

196 100

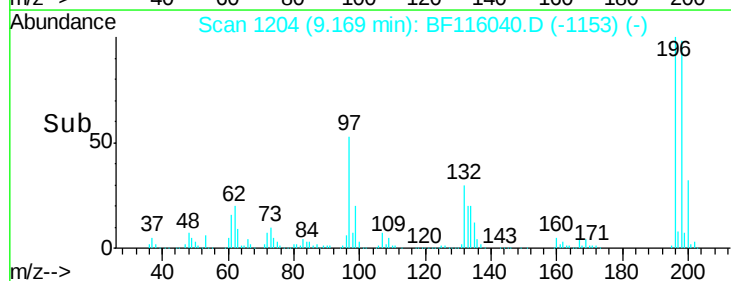
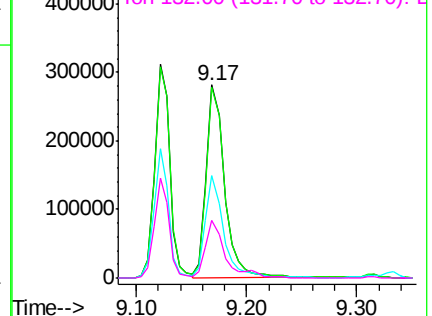
198 98.5 78.8 118.2

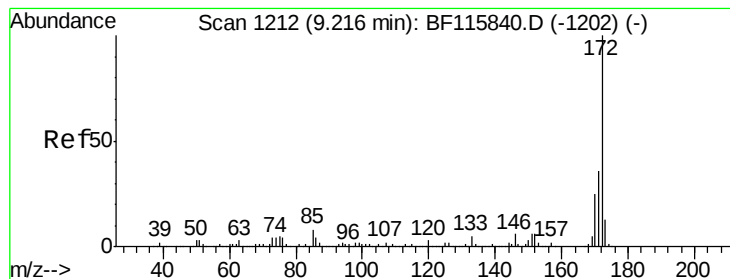
97 52.8 42.2 63.4

132 30.0 24.0 36.0



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: 80.359 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

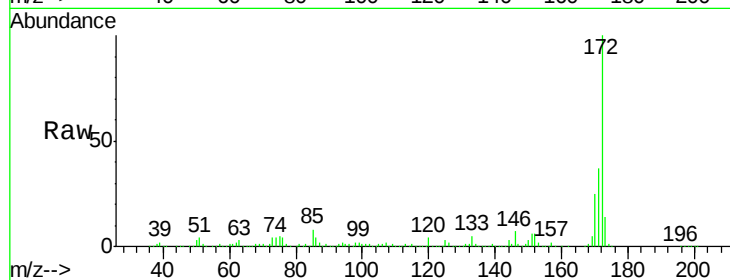
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:172 Resp: 1746391

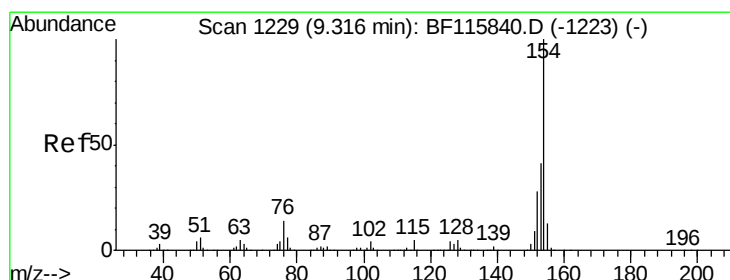
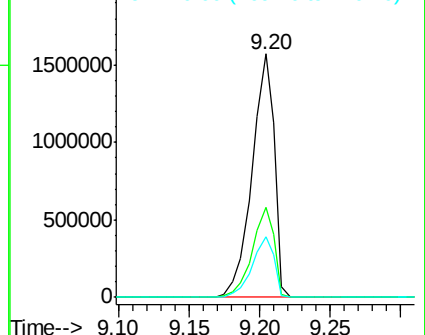
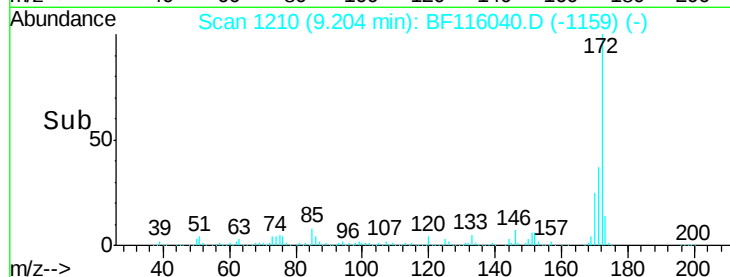
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	25.1	20.1	30.1



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: 40.896 ng

RT: 9.30 min Scan# 1227

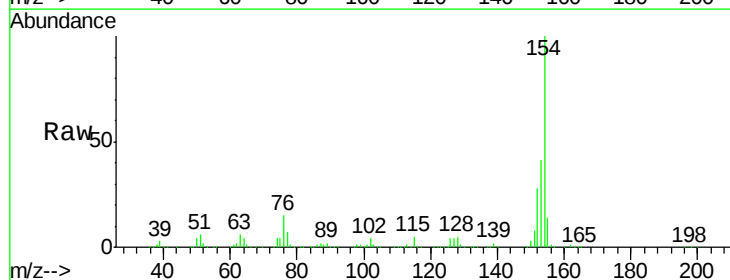
Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Tgt Ion:154 Resp: 1175294

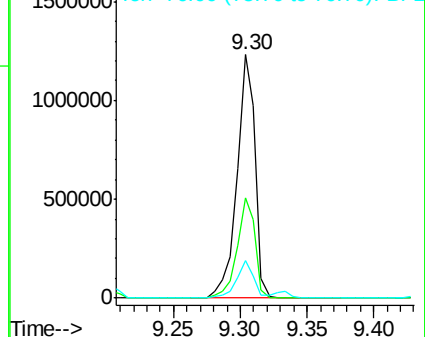
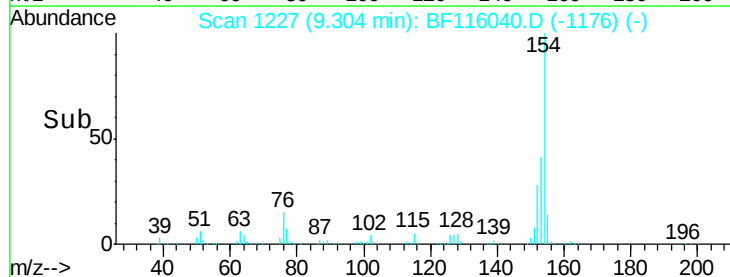
Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.4	61.4
76	15.2	0.0	35.2

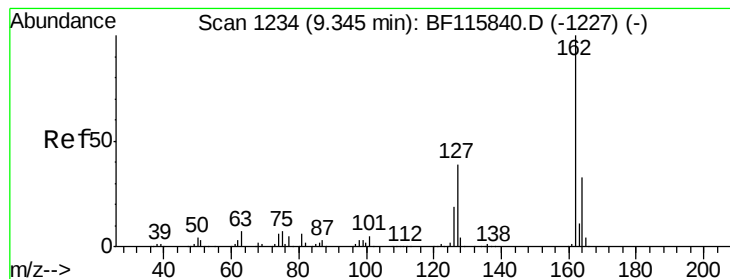


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 40.673 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

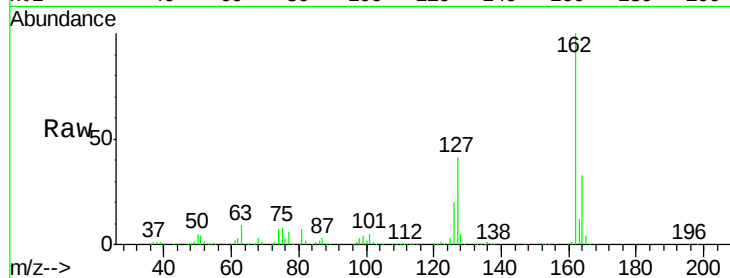
Tot Ion:162 Resp: 972863

Ion Ratio Lower Upper

162 100

127 41.0 32.8 49.2

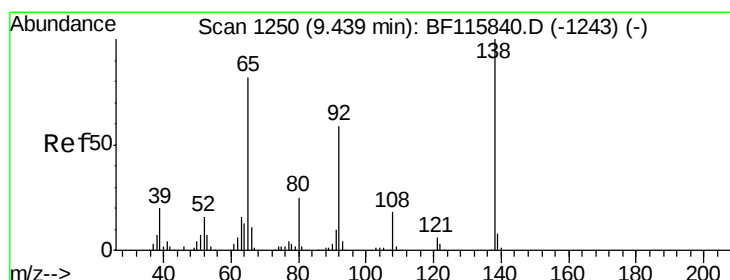
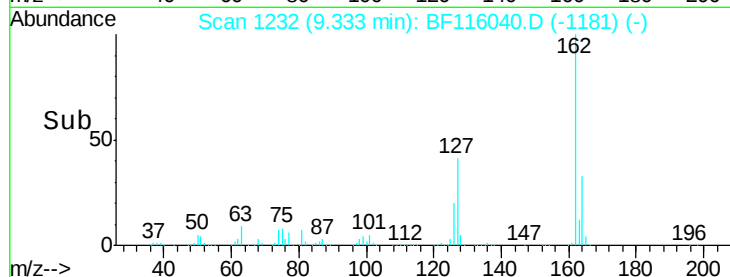
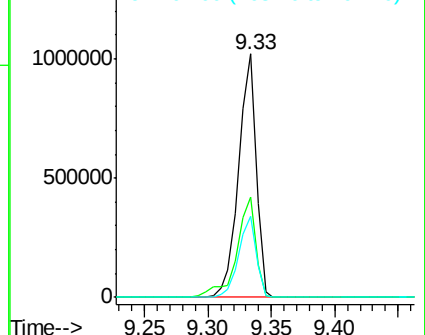
164 33.2 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.966 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

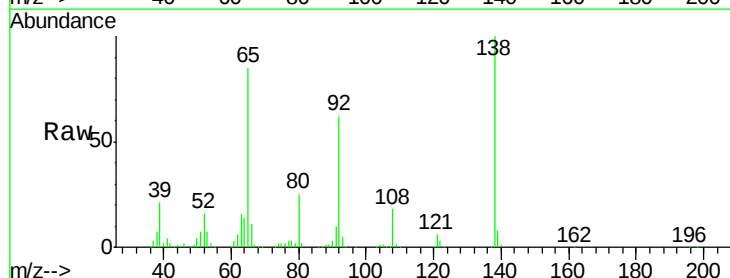
Tgt Ion: 65 Resp: 323884

Ion Ratio Lower Upper

65 100

92 72.3 57.8 86.8

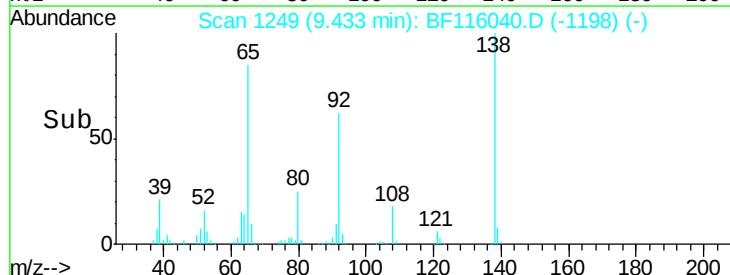
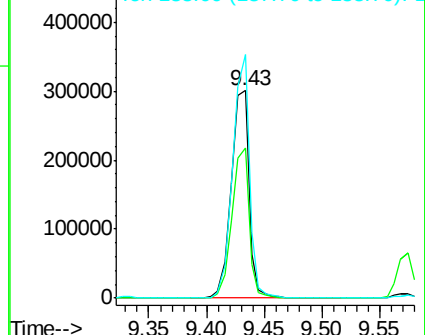
138 117.5 94.0 141.0

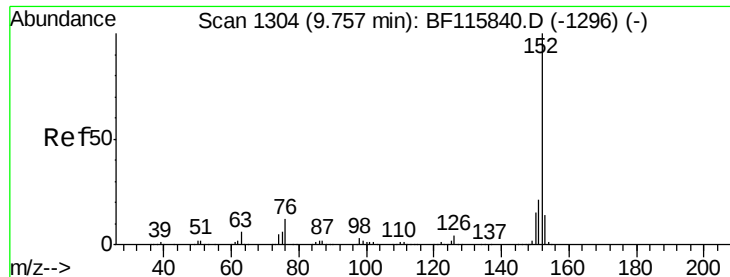


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.870 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

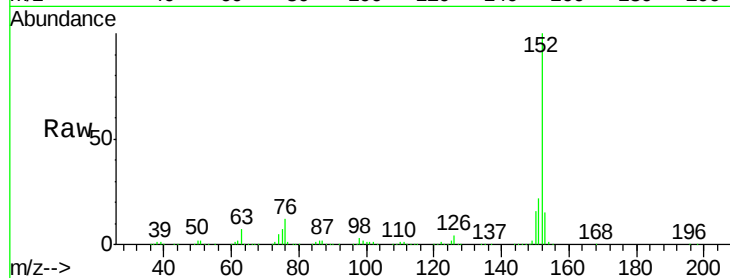
Tot Ion:152 Resp: 1426167

Ion Ratio Lower Upper

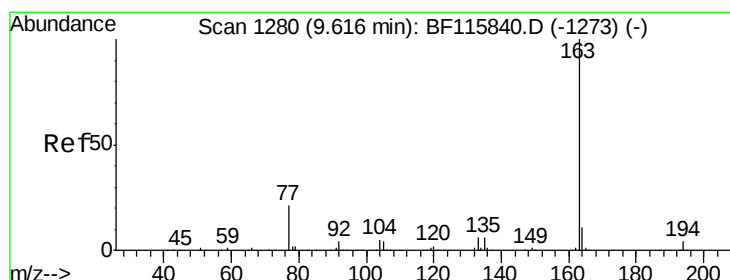
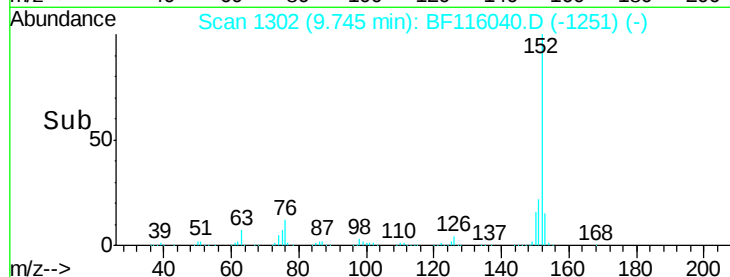
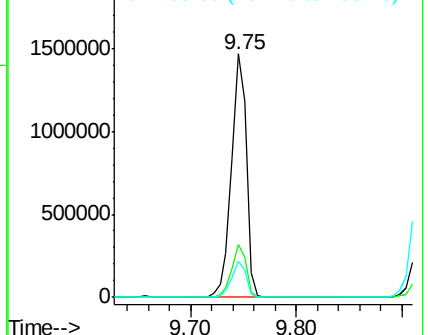
152 100

151 21.5 17.2 25.8

153 14.8 11.8 17.8



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: 42.608 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

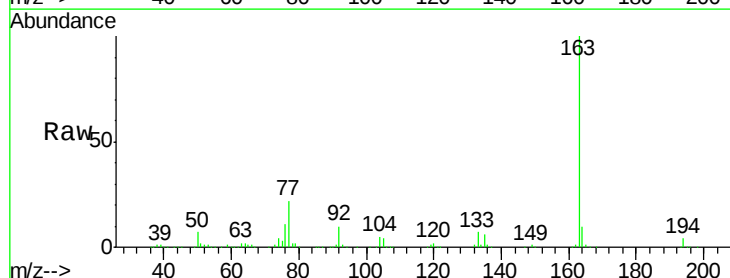
Tgt Ion:163 Resp: 1180952

Ion Ratio Lower Upper

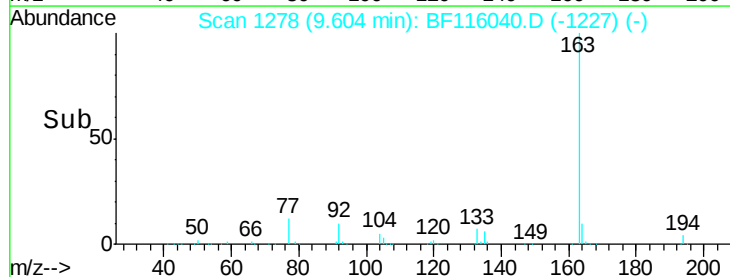
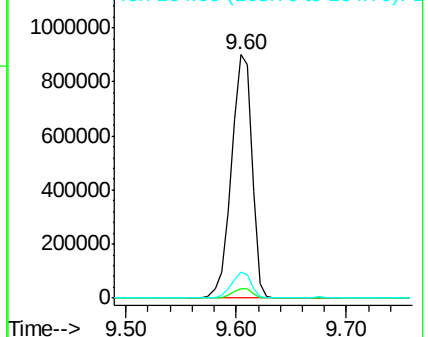
163 100

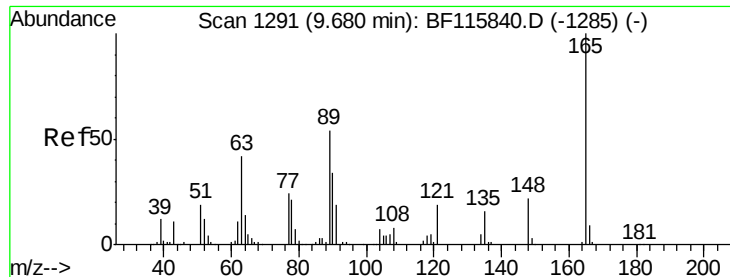
194 3.8 3.0 4.6

164 10.5 8.4 12.6



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: 42.784 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

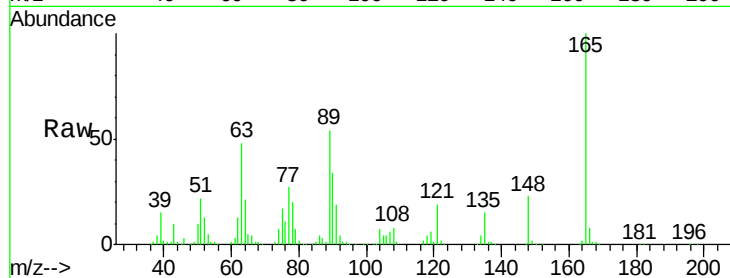
Tot Ion:165 Resp: 257699

Ion Ratio Lower Upper

165 100

63 47.7 38.2 57.2

89 53.6 42.9 64.3

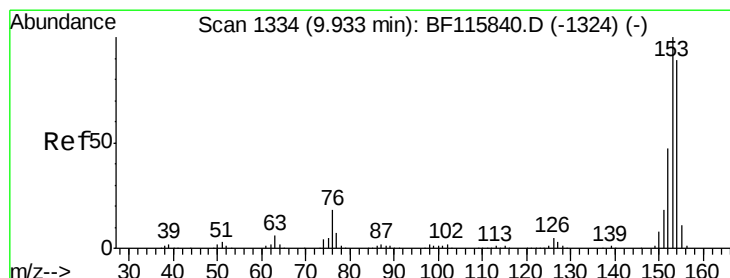
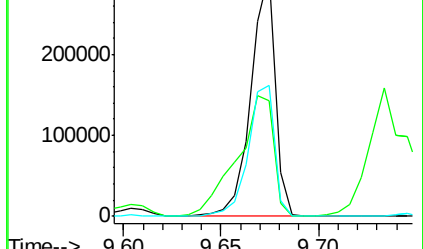
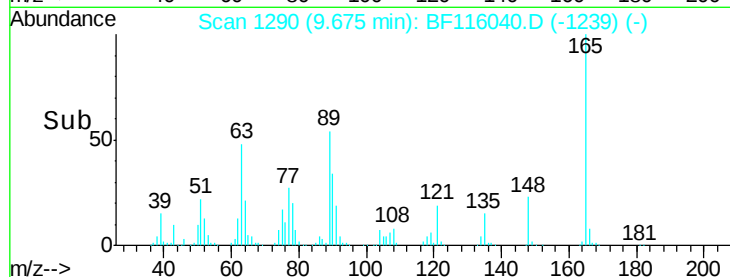


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



#52

Acenaphthene

Concen: 40.192 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

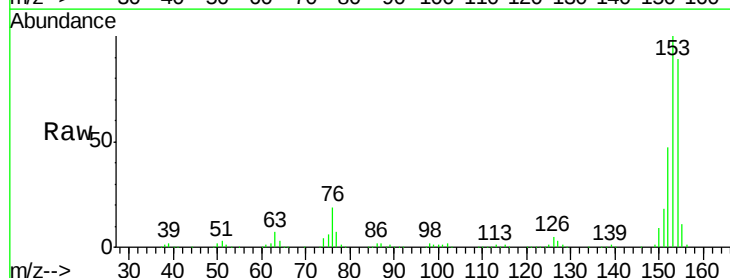
Tgt Ion:154 Resp: 860417

Ion Ratio Lower Upper

154 100

153 111.7 89.4 134.0

152 52.9 42.3 63.5

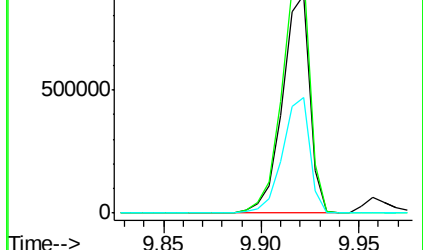
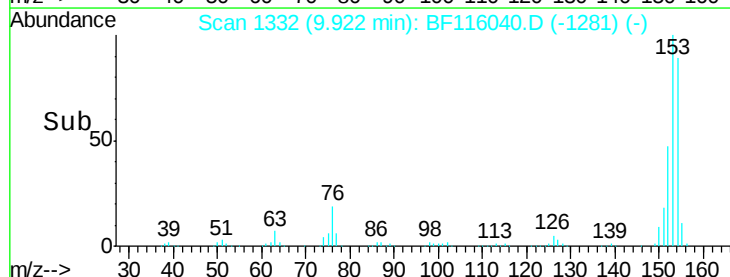


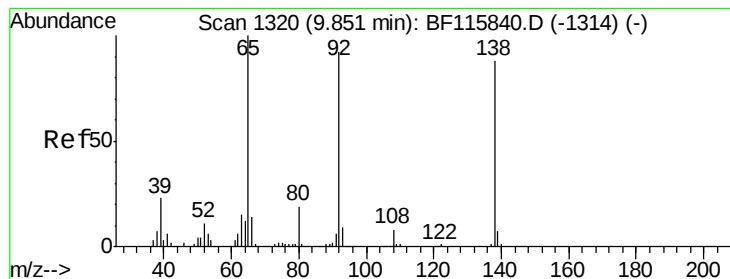
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->





#53

3-Nitroaniline

Concen: 39.313 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

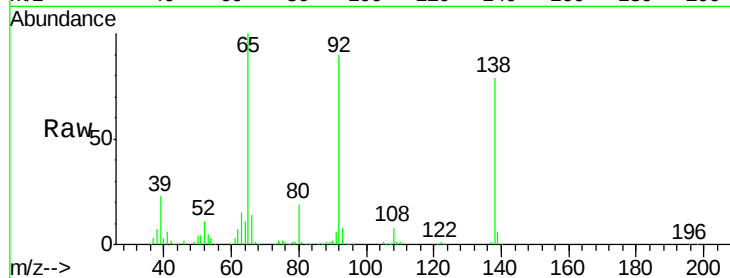
Tot Ion:138 Resp: 292584

Ion Ratio Lower Upper

138 100

108 10.0 8.0 12.0

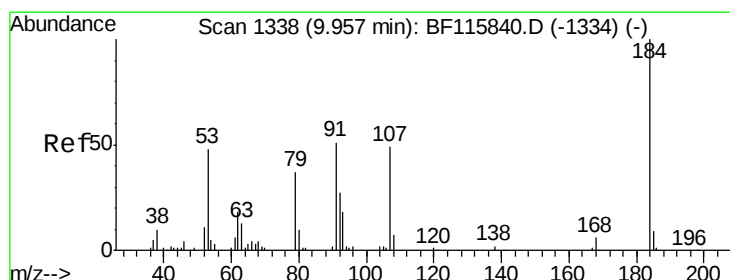
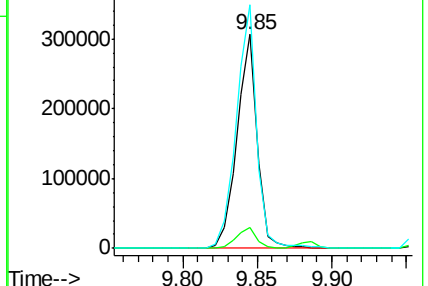
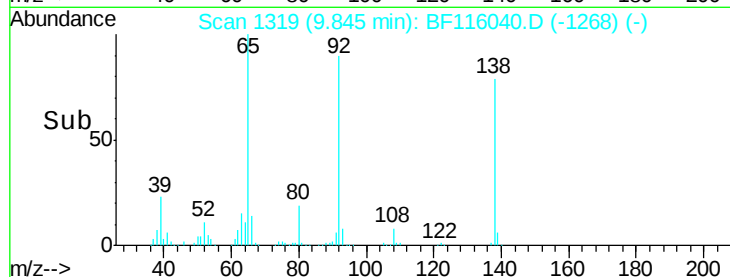
92 113.8 91.0 136.6



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: 38.516 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

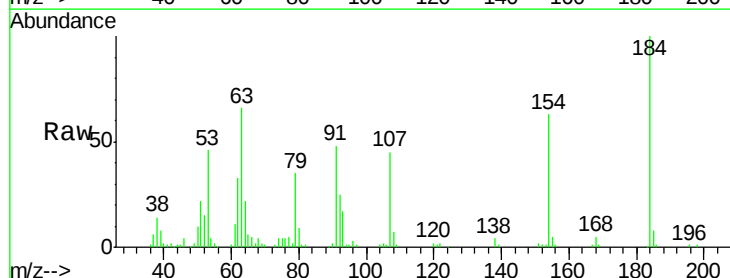
Tgt Ion:184 Resp: 104242

Ion Ratio Lower Upper

184 100

63 66.2 53.0 79.4

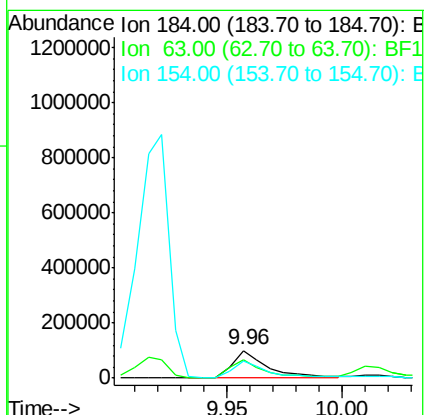
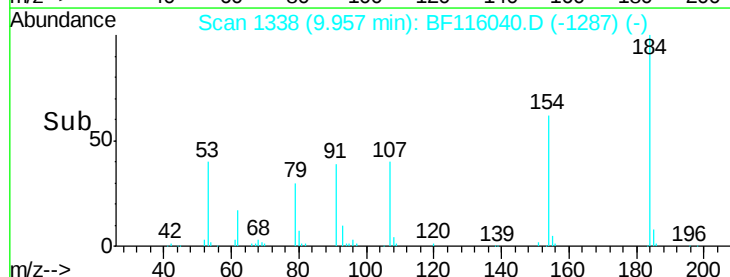
154 62.6 50.1 75.1

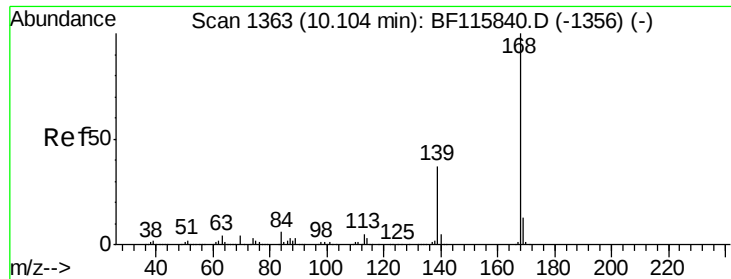


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 40.040 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

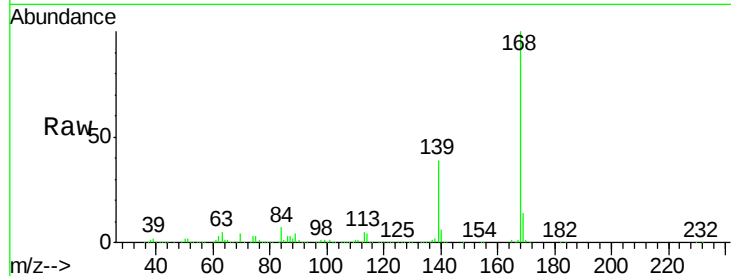
Tot Ion:168 Resp: 1246554

Ion Ratio Lower Upper

168 100

139 39.3 31.4 47.2

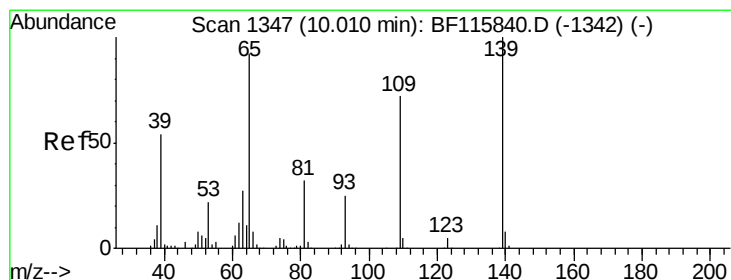
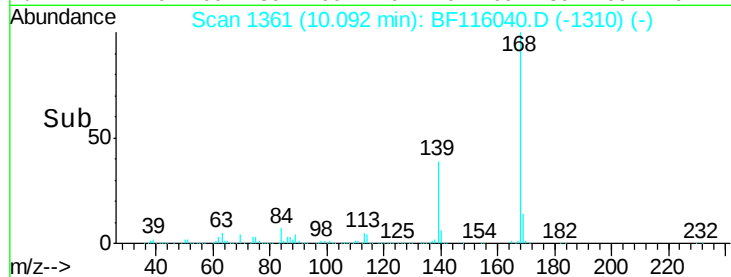
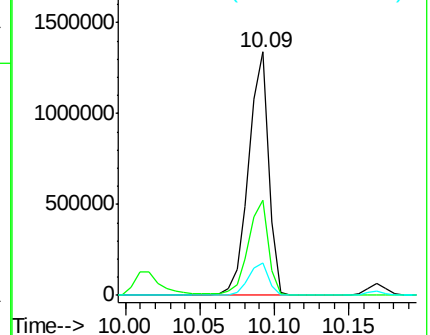
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 34.974 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

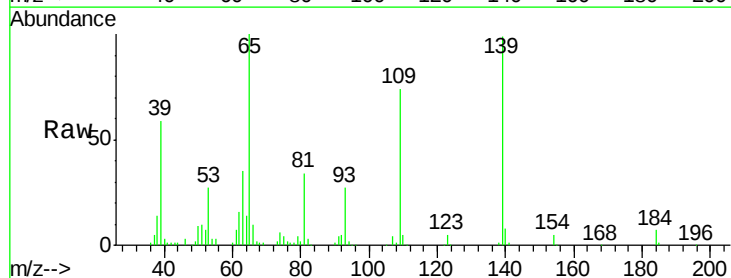
Tgt Ion:139 Resp: 166745

Ion Ratio Lower Upper

139 100

109 74.4 54.4 94.4

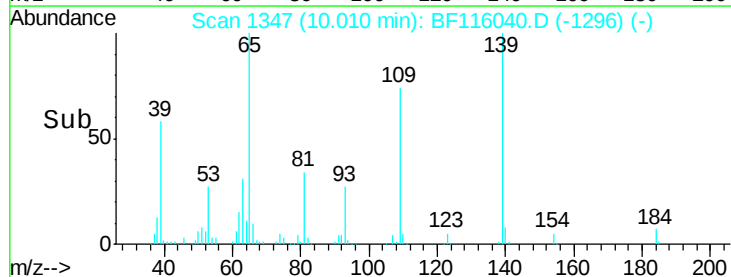
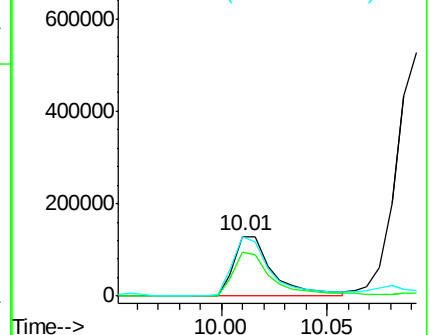
65 100.6 80.6 120.6

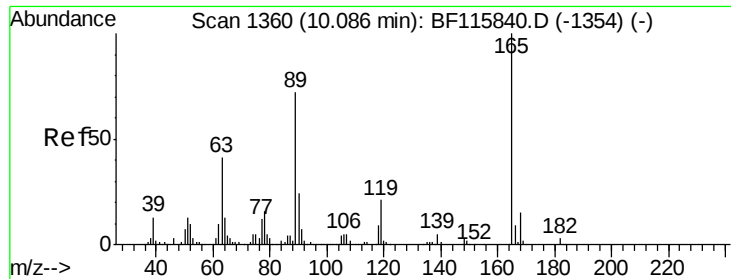


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 39.933 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 320245

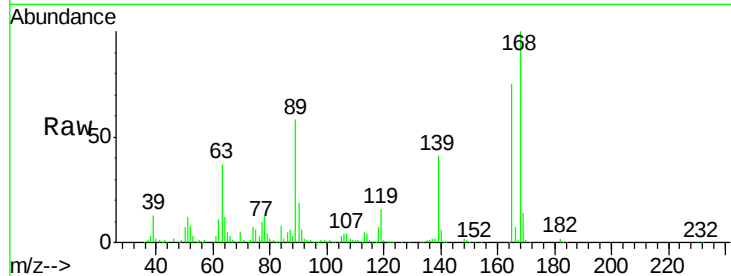
Ion Ratio Lower Upper

165 100

63 49.5 39.6 59.4

89 77.7 62.2 93.2

182 2.6 2.1 3.1

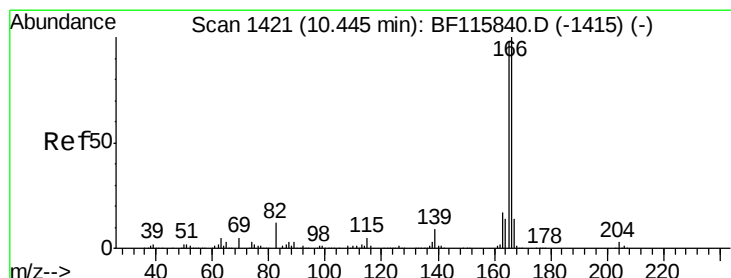
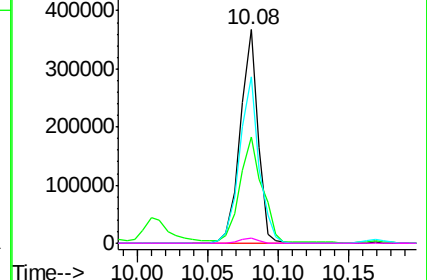
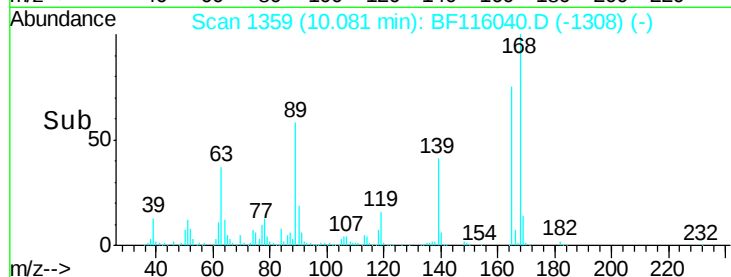


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.959 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

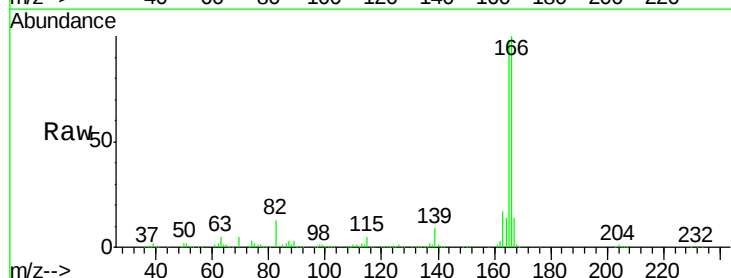
Tgt Ion:166 Resp: 981070

Ion Ratio Lower Upper

166 100

165 98.0 78.4 117.6

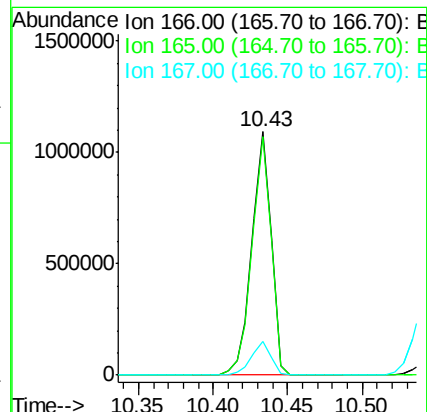
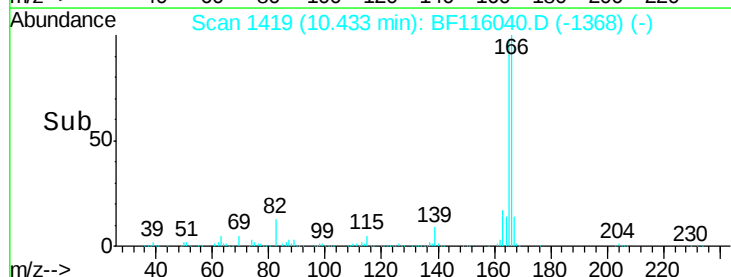
167 13.7 11.0 16.4

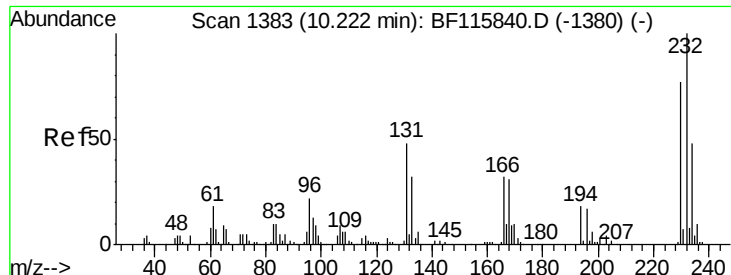


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

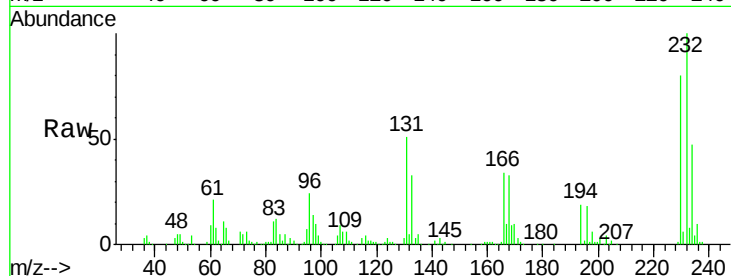




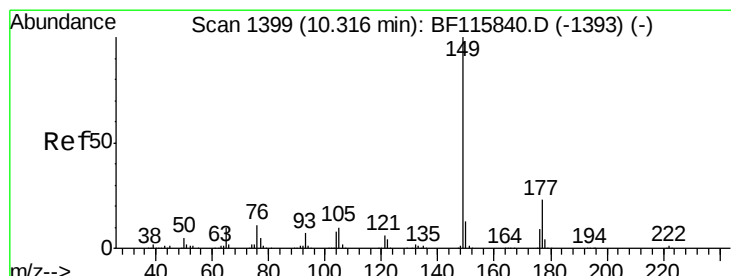
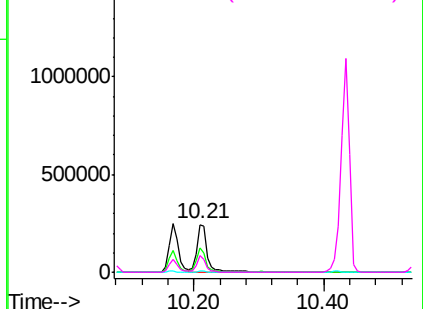
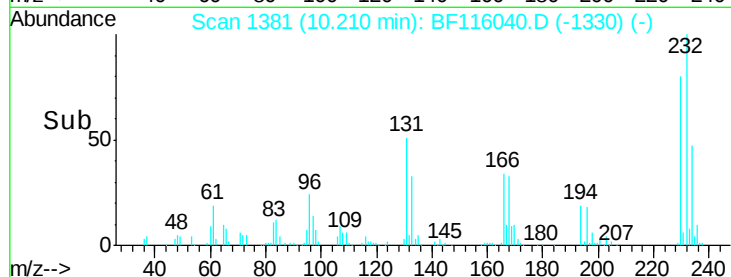
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.465 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 270114
 Ion Ratio Lower Upper
 232 100
 131 45.2 36.2 54.2
 130 2.4 1.9 2.9
 166 28.7 23.0 34.4

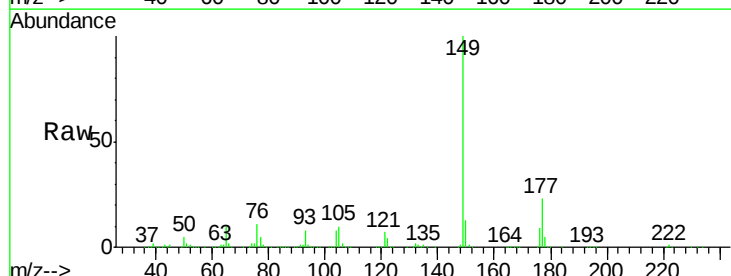


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

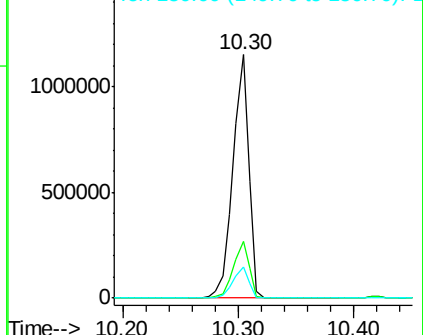
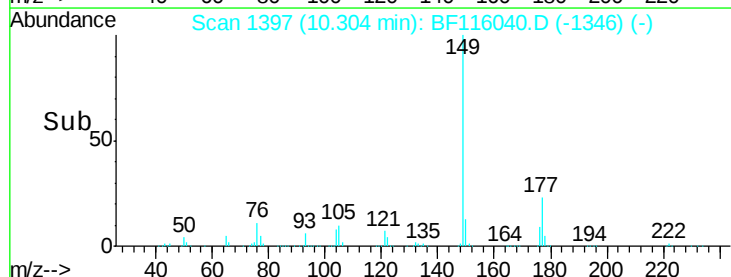


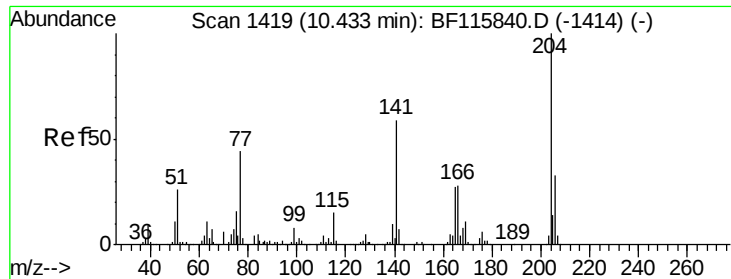
#60
 Diethylphthalate
 Concen: 42.515 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Tgt Ion:149 Resp: 1100140
 Ion Ratio Lower Upper
 149 100
 177 23.5 18.8 28.2
 150 12.8 10.2 15.4



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

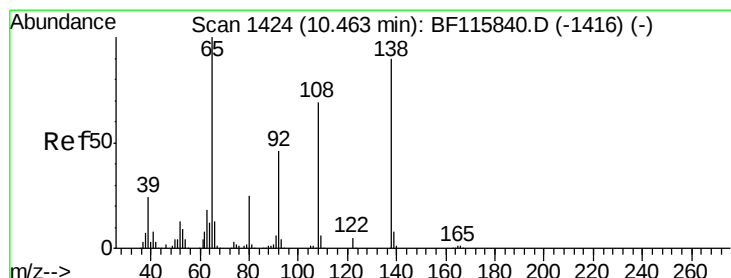
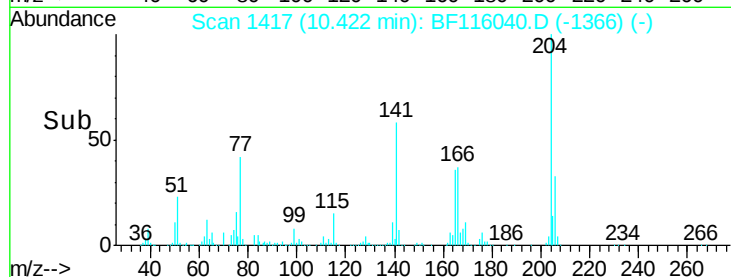
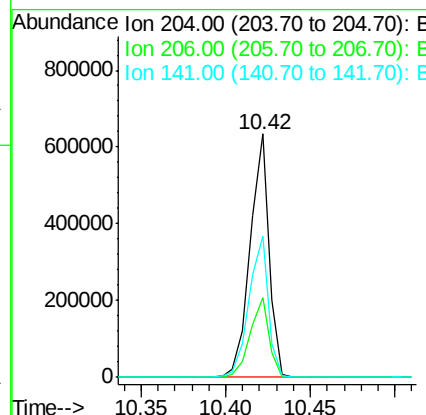
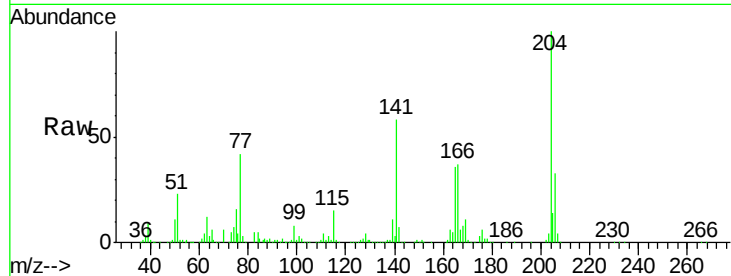




#61
4-Chlorophenyl-phenylether
Concen: 41.209 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

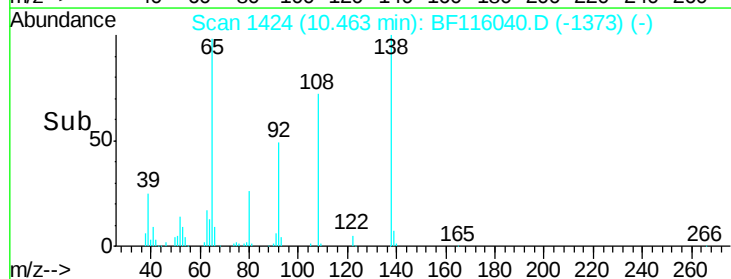
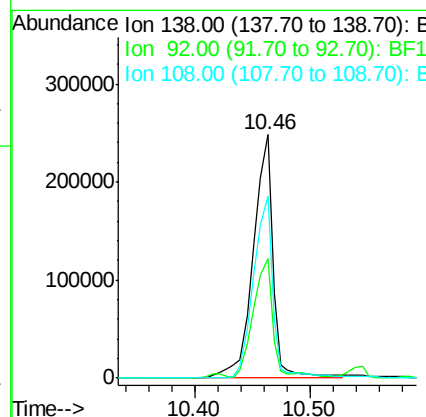
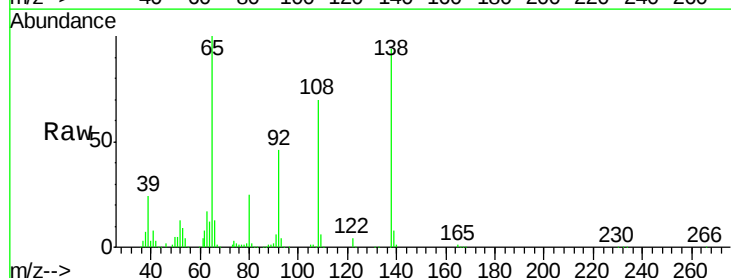
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

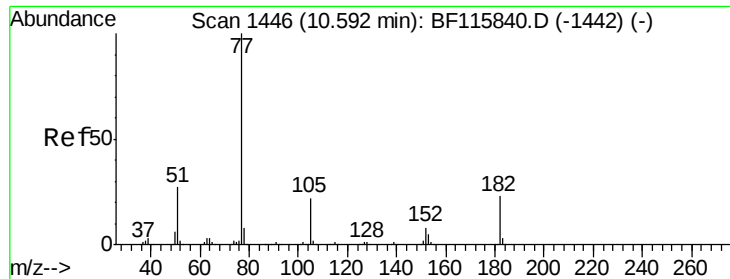
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.4	39.6
141	58.0	46.4	69.6



#62
4-Nitroaniline
Concen: 38.744 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	29.0	69.0
108	74.7	54.7	94.7





#63

Azobenzene

Concen: 42.563 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1132844

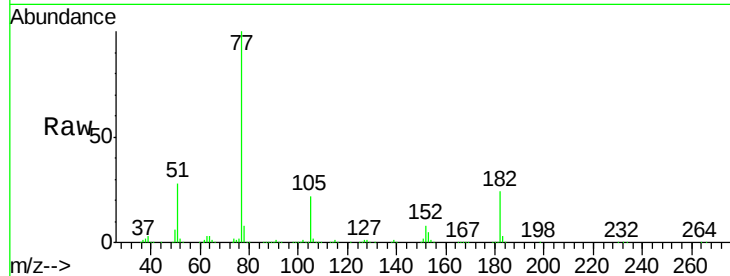
Ion Ratio Lower Upper

77 100

182 24.0 4.0 44.0

105 22.0 2.0 42.0

51 27.5 7.5 47.5

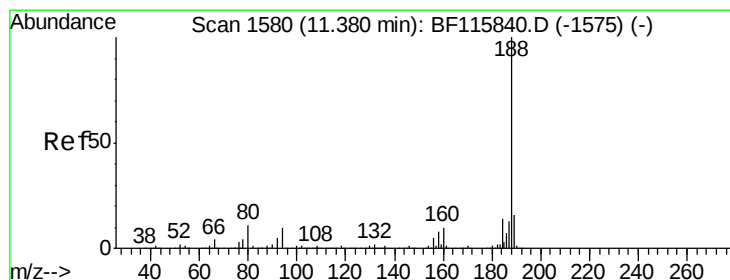
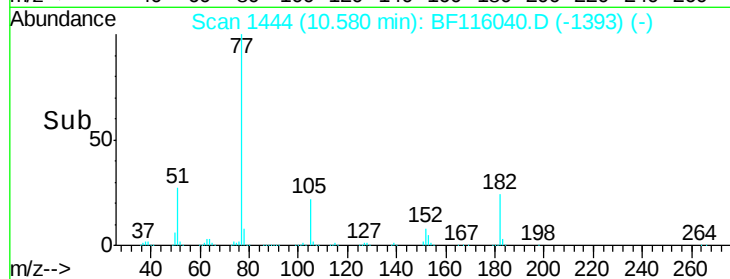
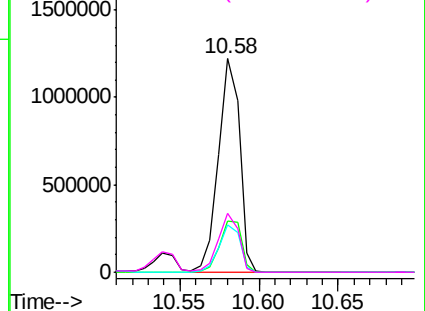


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

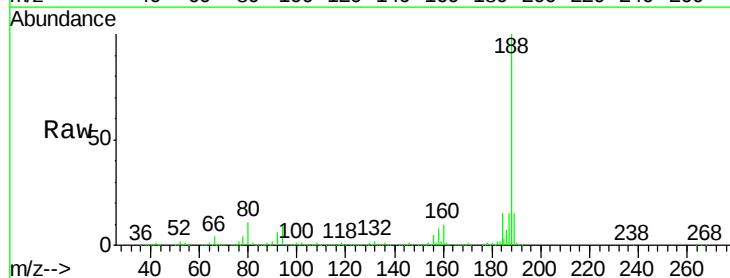
Tgt Ion: 188 Resp: 688794

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

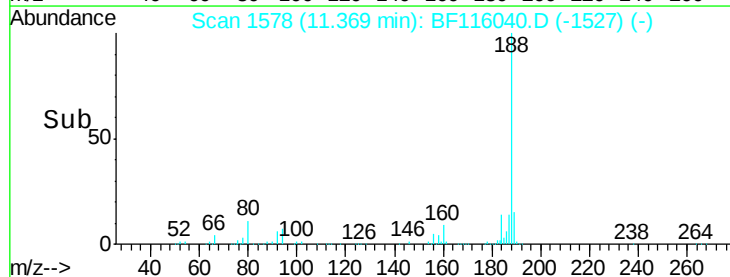
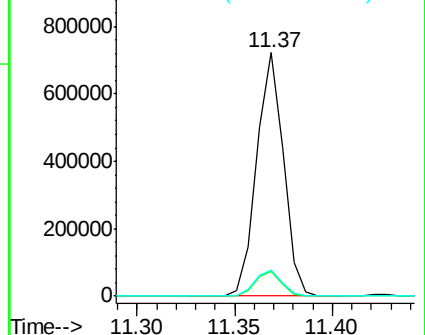
80 10.9 8.7 13.1

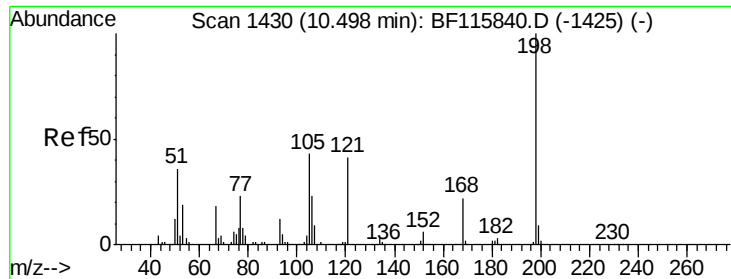


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 44.595 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

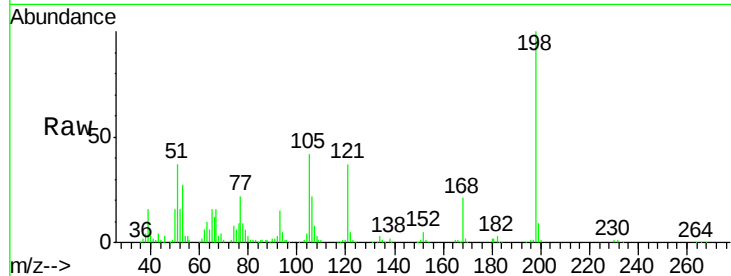
Tot Ion:198 Resp: 162779

Ion Ratio Lower Upper

198 100

51 37.0 17.0 57.0

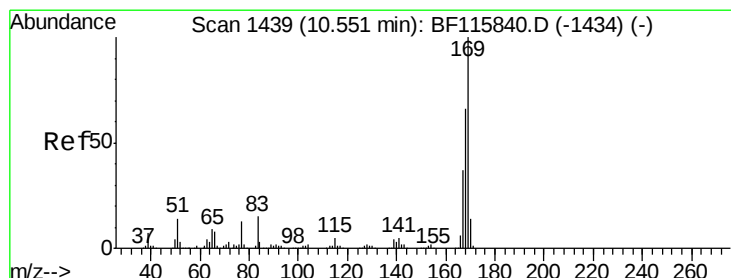
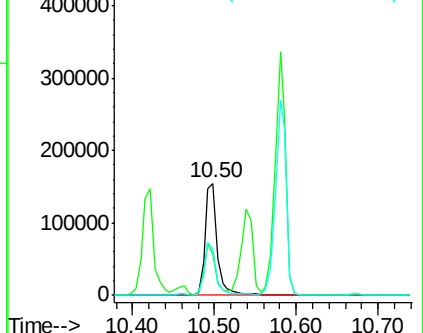
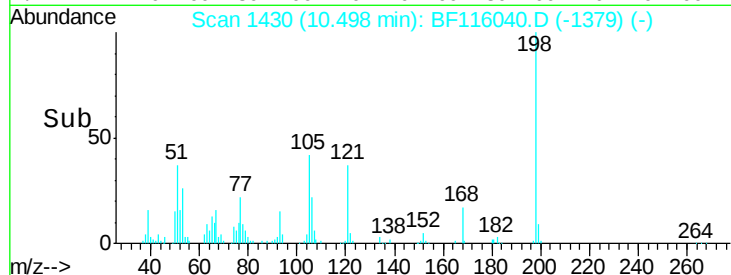
105 41.6 21.6 61.6



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: 42.701 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

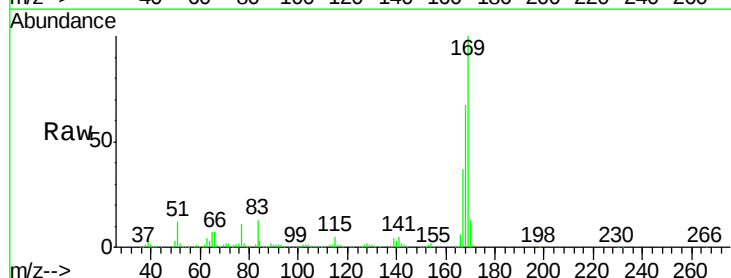
Tgt Ion:169 Resp: 885271

Ion Ratio Lower Upper

169 100

168 67.2 53.8 80.6

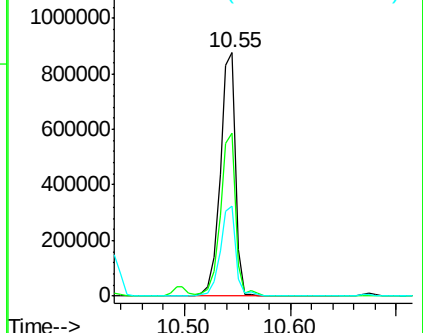
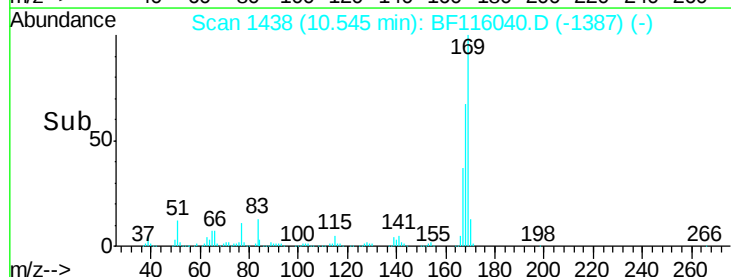
167 37.0 29.6 44.4

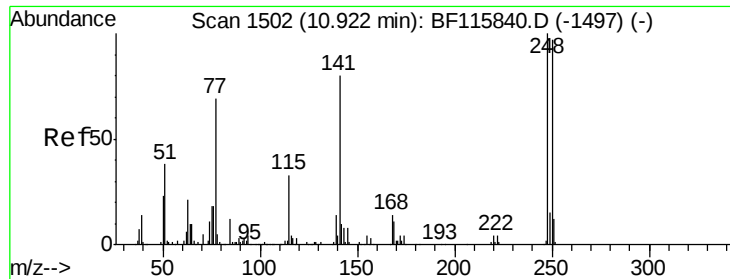


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

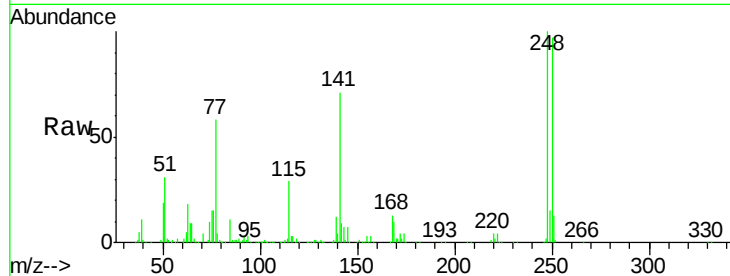




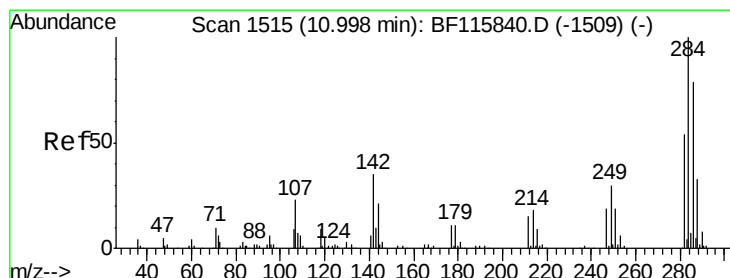
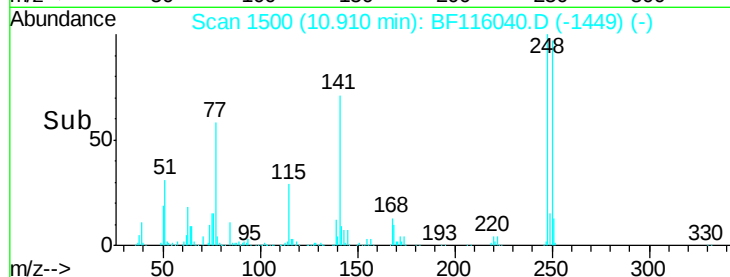
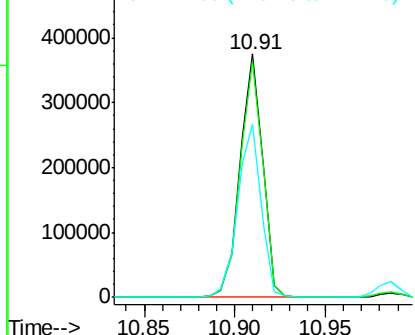
#67
4-Bromophenyl-phenylether
Concen: 43.874 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 323503
Ion Ratio Lower Upper
248 100
250 96.8 77.4 116.2
141 71.0 56.8 85.2

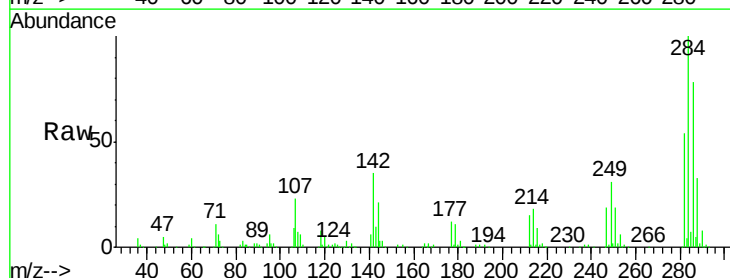


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

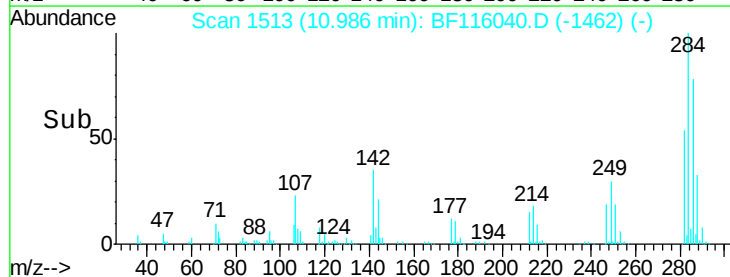
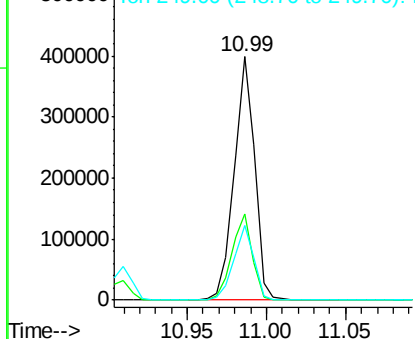


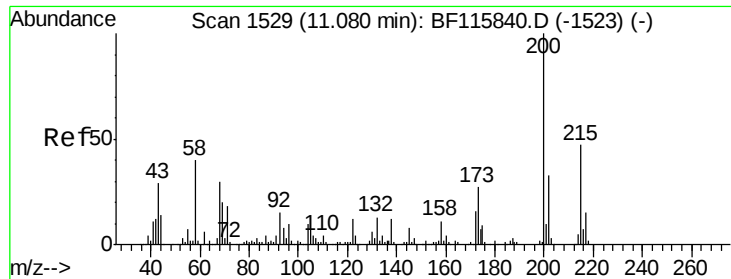
#68
Hexachlorobenzene
Concen: 41.941 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion:284 Resp: 357605
Ion Ratio Lower Upper
284 100
142 35.5 28.4 42.6
249 30.6 24.5 36.7



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 33.833 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

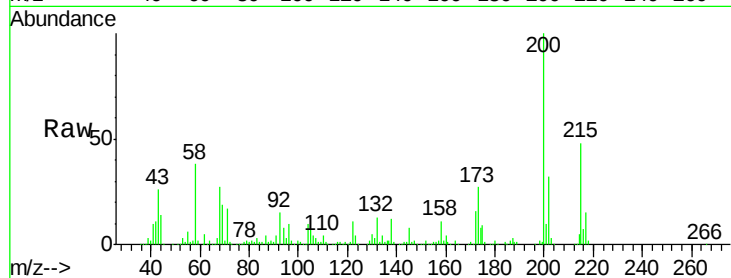
Tot Ion:200 Resp: 230757

Ion Ratio Lower Upper

200 100

173 26.8 6.8 46.8

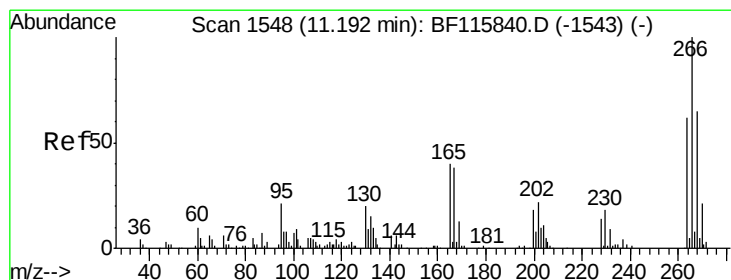
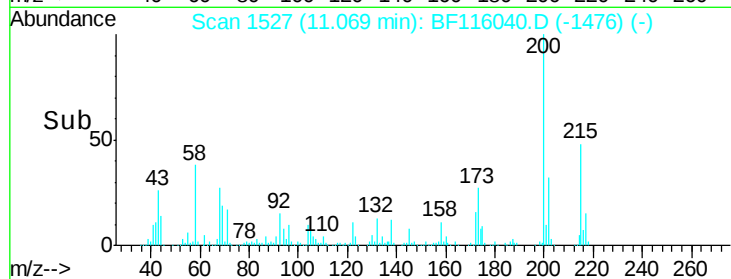
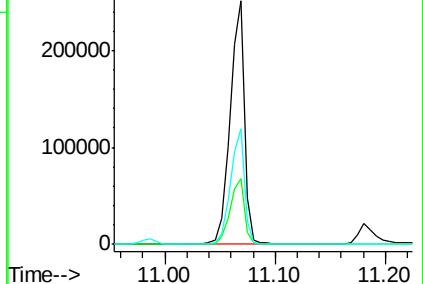
215 47.5 27.5 67.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 35.066 ng

RT: 11.18 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

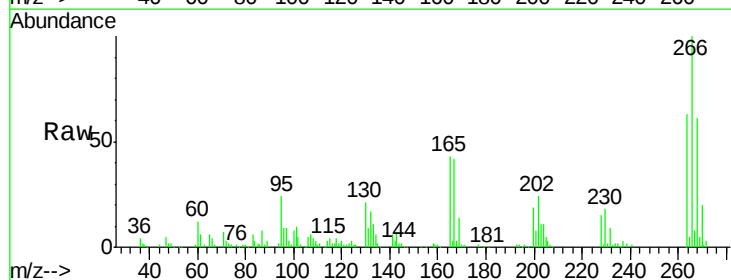
Tgt Ion:266 Resp: 145154

Ion Ratio Lower Upper

266 100

268 61.0 48.8 73.2

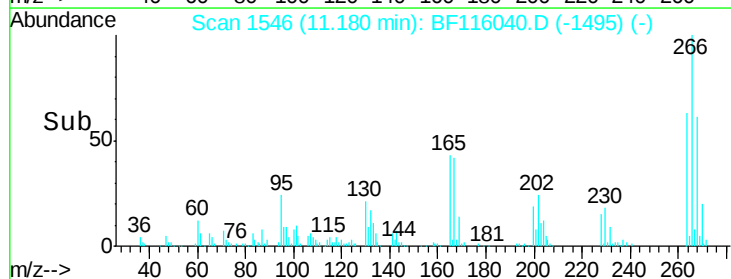
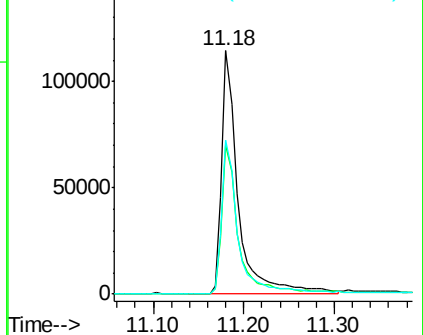
264 63.3 50.6 76.0

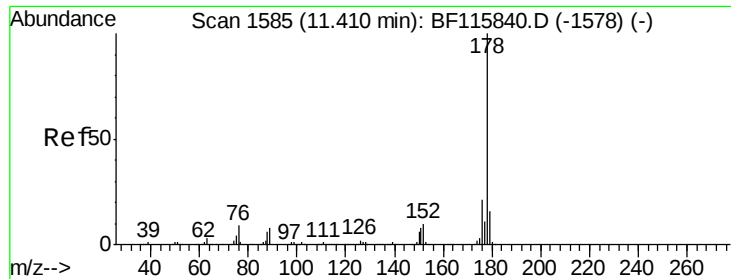


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

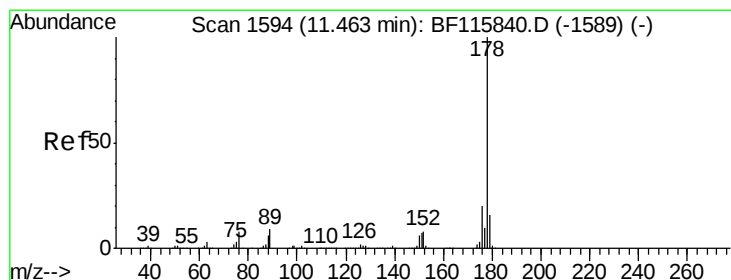
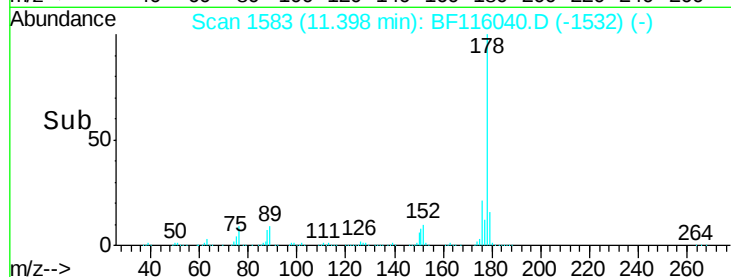
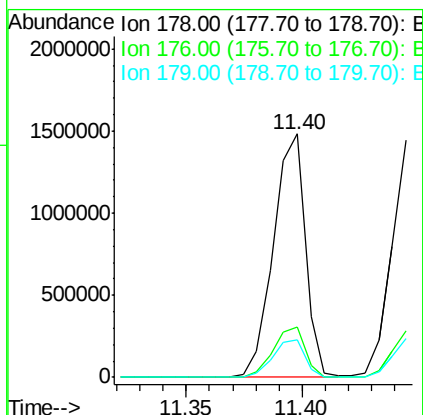
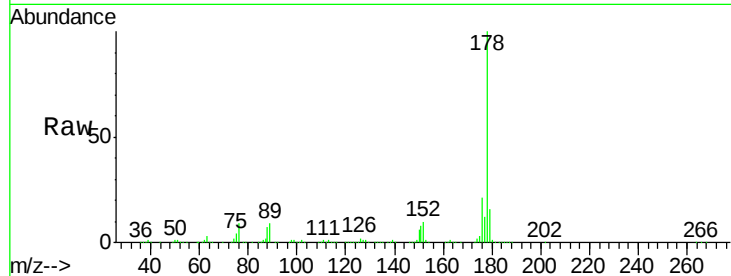




#71
Phenanthrene
Concen: 40.432 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

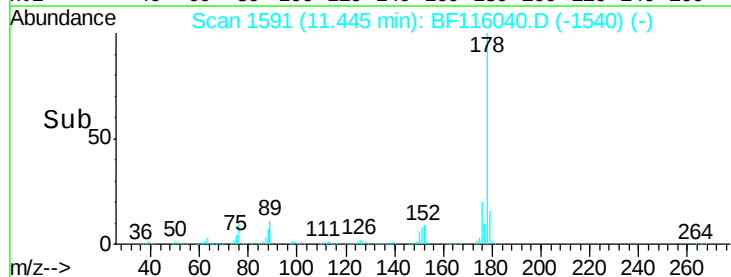
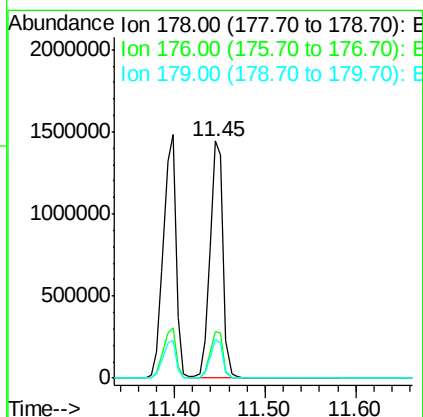
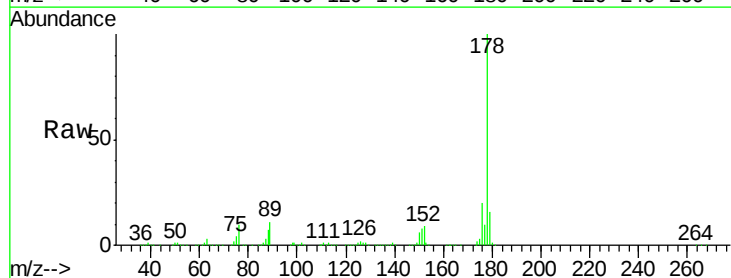
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

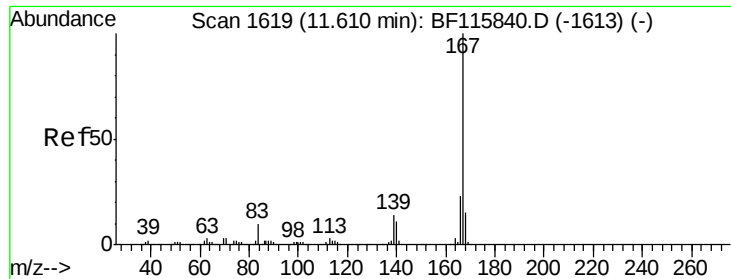
Tot Ion:178 Resp: 1423701
Ion Ratio Lower Upper
178 100
176 20.7 16.6 24.8
179 15.6 12.5 18.7



#72
Anthracene
Concen: 41.168 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion:178 Resp: 1467099
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 16.3 13.0 19.6

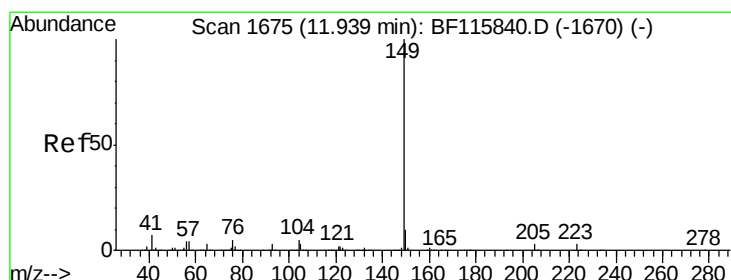
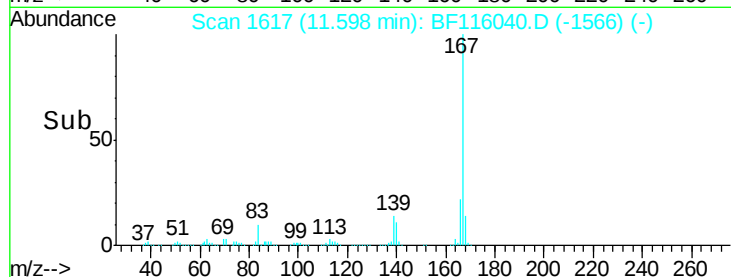
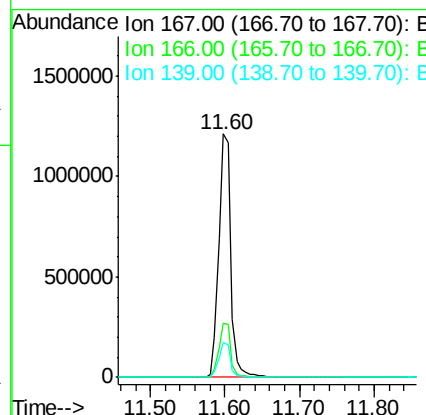
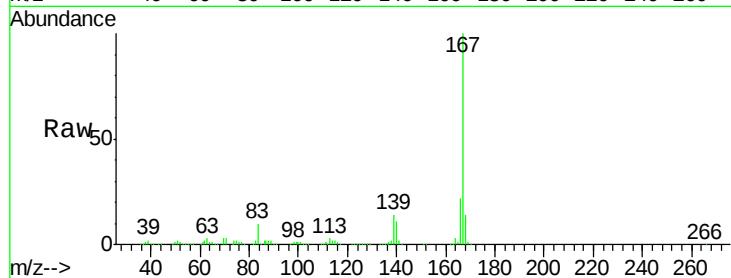




#73
 Carbazole
 Concen: 41.467 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

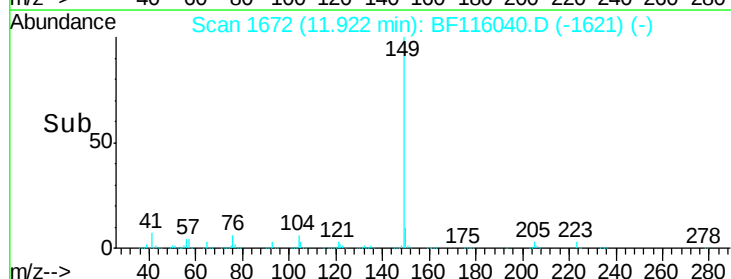
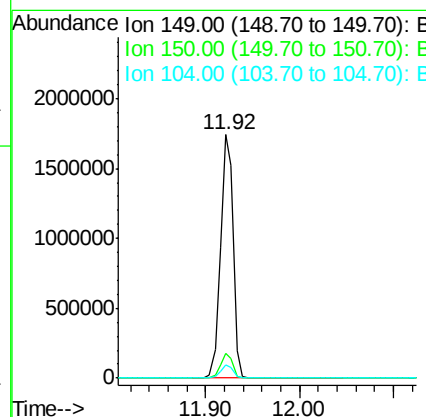
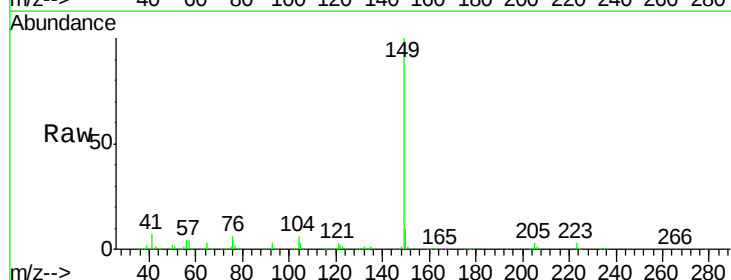
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

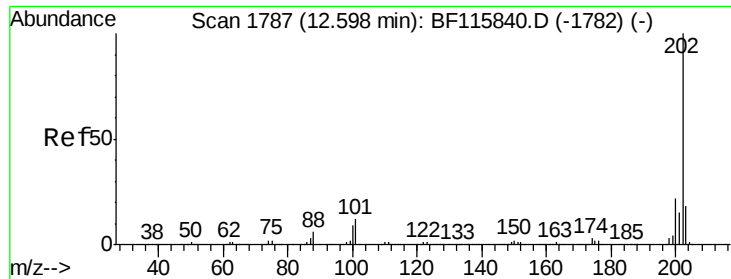
Tot Ion:167 Resp: 1340694
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 14.2 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 43.678 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Tgt Ion:149 Resp: 1647350
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.0 12.0
 104 5.6 4.5 6.7





#75

Fluoranthene

Concen: 40.410 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

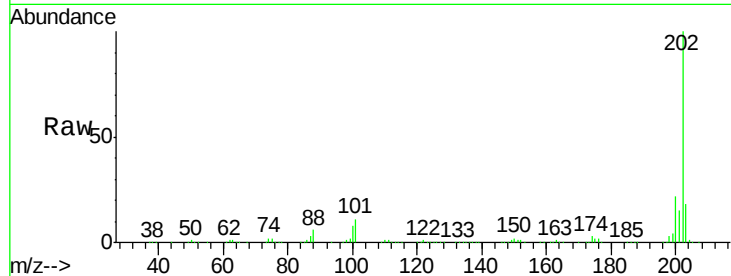
Tot Ion:202 Resp: 1489669

Ion Ratio Lower Upper

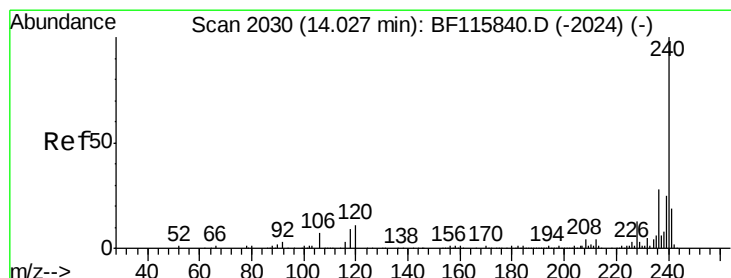
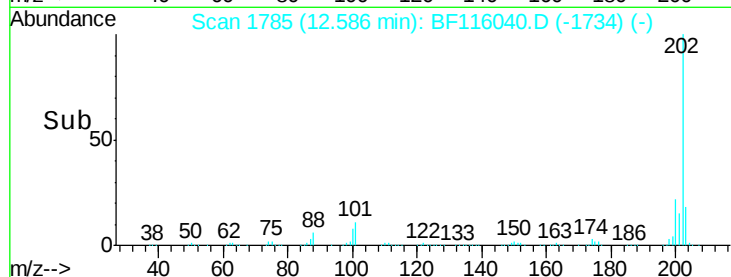
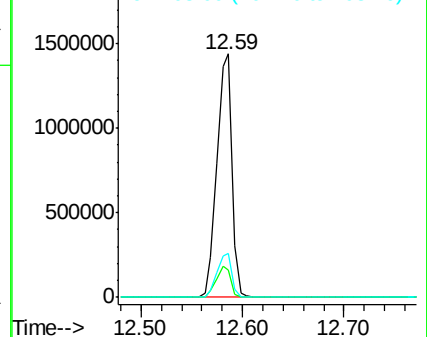
202 100

101 11.2 0.0 31.2

203 17.8 0.0 37.8



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: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

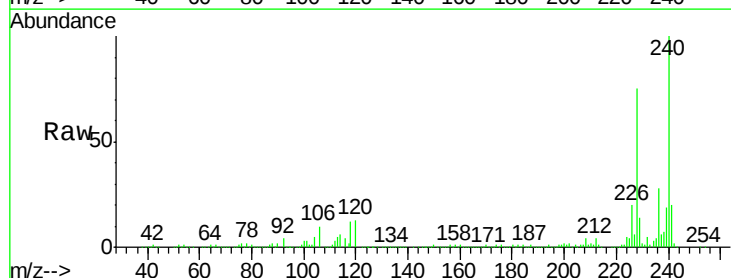
Tgt Ion:240 Resp: 461164

Ion Ratio Lower Upper

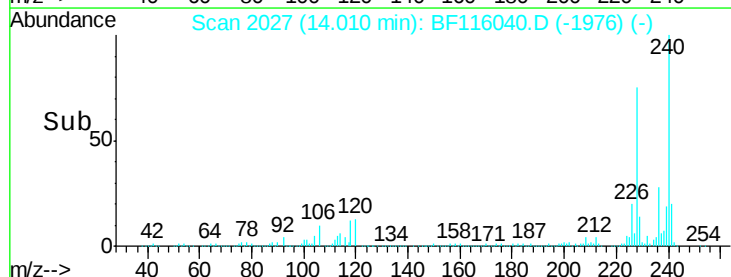
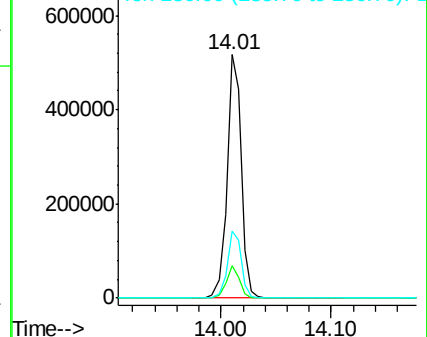
240 100

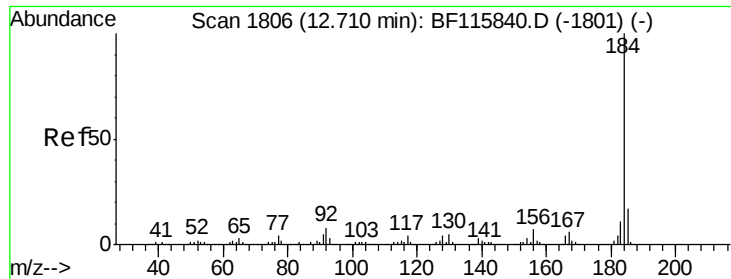
120 13.4 10.7 16.1

236 27.7 22.2 33.2



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: 44.586 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

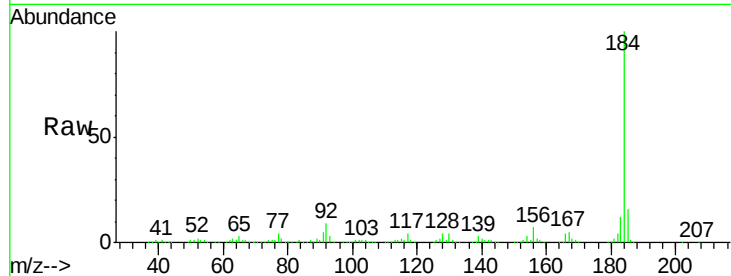
Tot Ion:184 Resp: 694657

Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.8	19.2
183	11.7	9.4	14.0

184 100

185 16.0 12.8 19.2

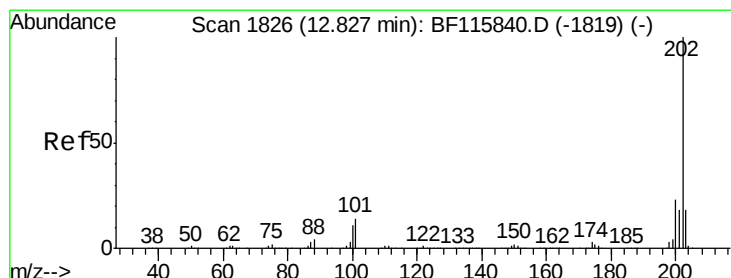
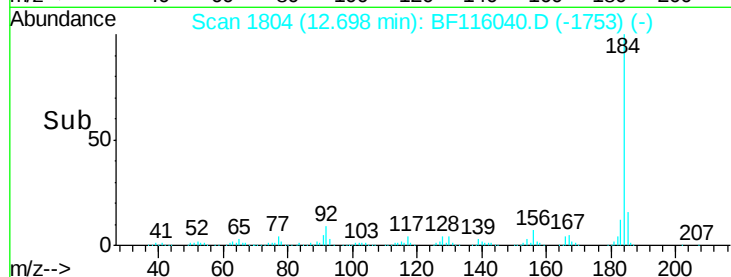
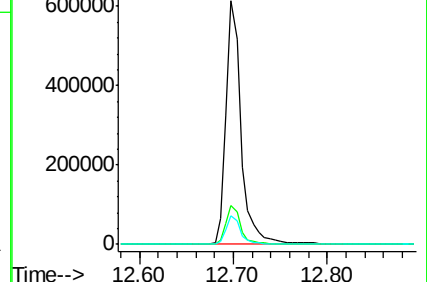
183 11.7 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.750 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

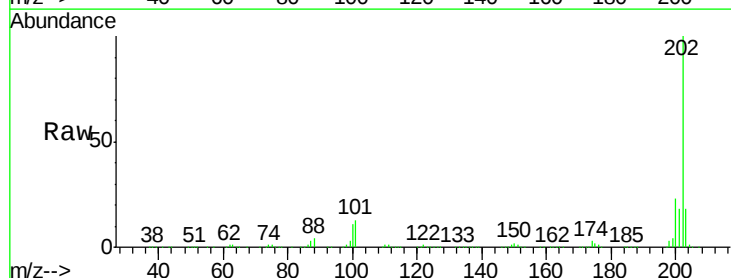
Tgt Ion:202 Resp: 1486134

Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.0	27.0
203	17.6	14.1	21.1

202 100

200 22.5 18.0 27.0

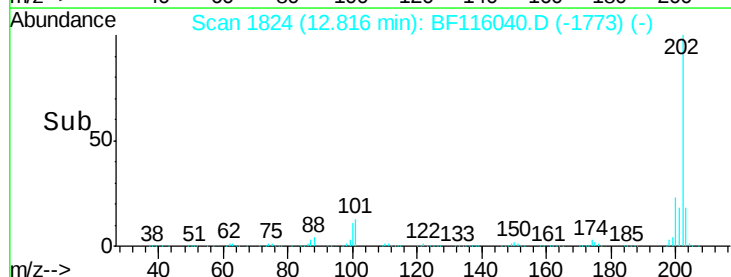
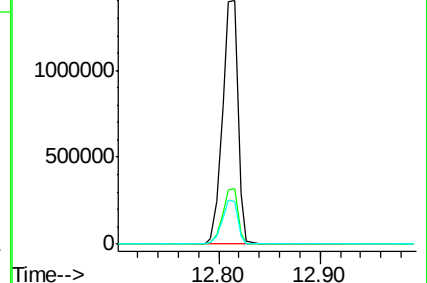
203 17.6 14.1 21.1

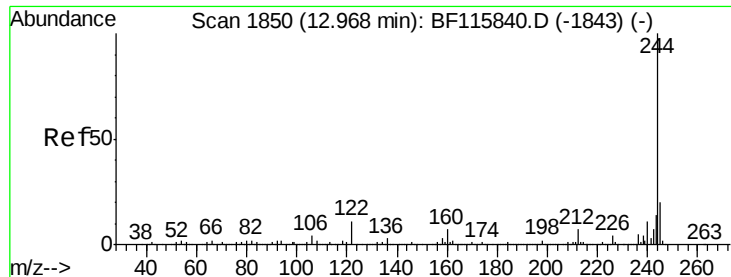


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

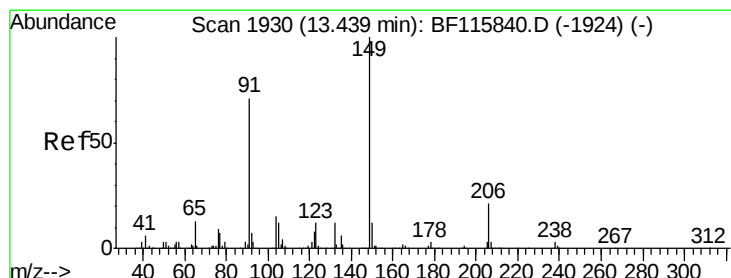
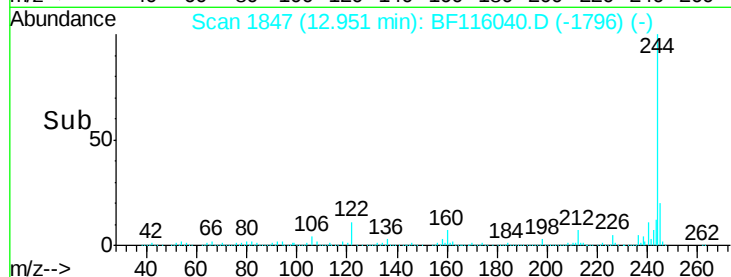
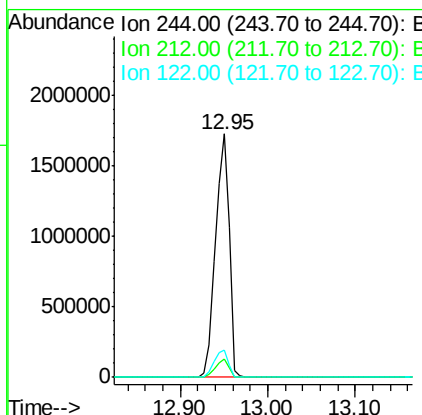
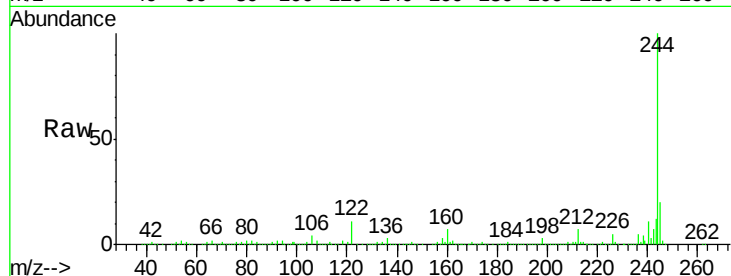




#79
 Terphenyl-d14
 Concen: 86.240 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

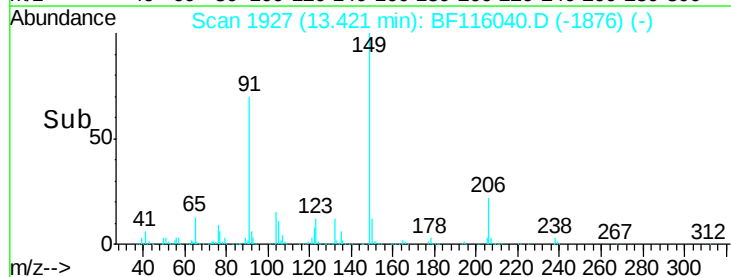
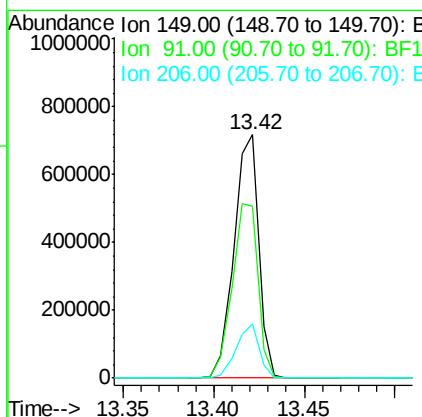
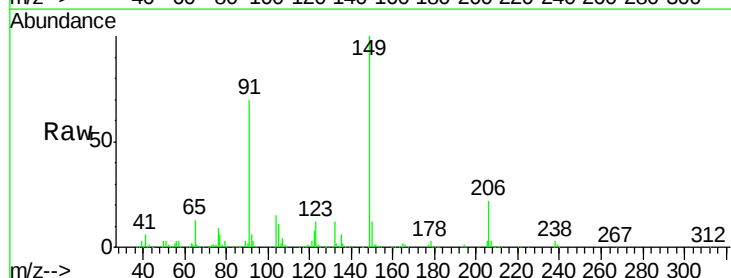
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

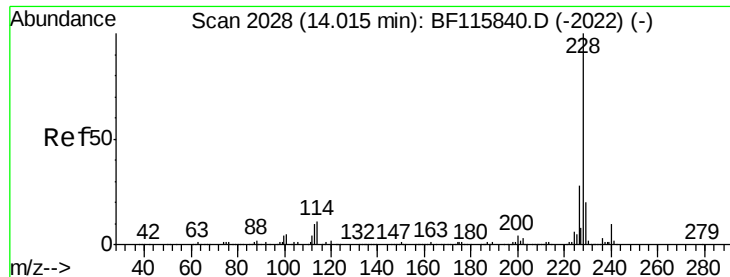
Tot Ion:244 Resp: 1887411
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.2 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 46.321 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. 0.00 min
 Lab File: BF116040.D
 Acq: 7 Aug 2019 10:27

Tgt Ion:149 Resp: 681146
 Ion Ratio Lower Upper
 149 100
 91 70.4 56.3 84.5
 206 22.5 18.0 27.0





#81

Benzo(a)anthracene

Concen: 43.200 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

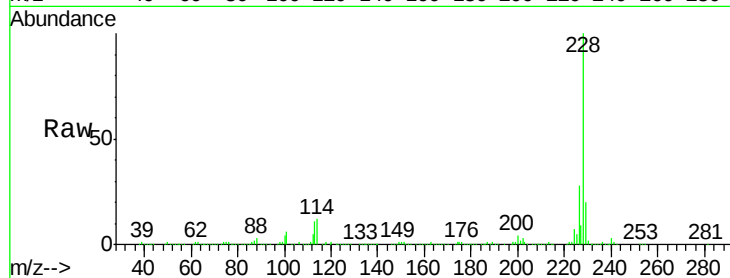
Tot Ion:228 Resp: 1273349

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	20.3	16.2	24.4

228 100

226 28.4 22.7 34.1

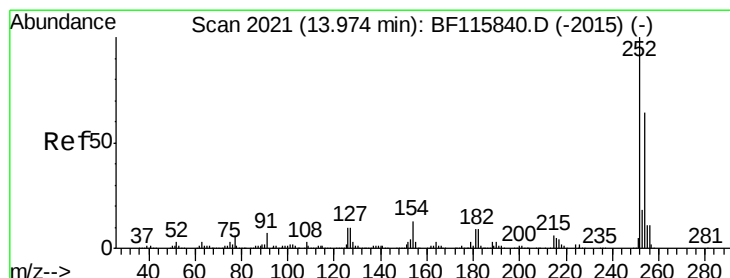
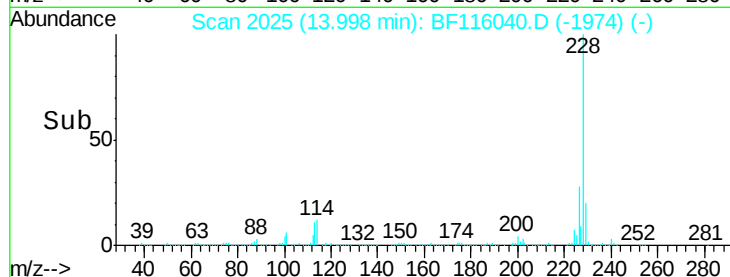
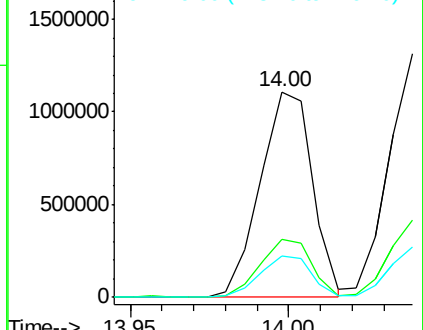
229 20.3 16.2 24.4



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: 43.899 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

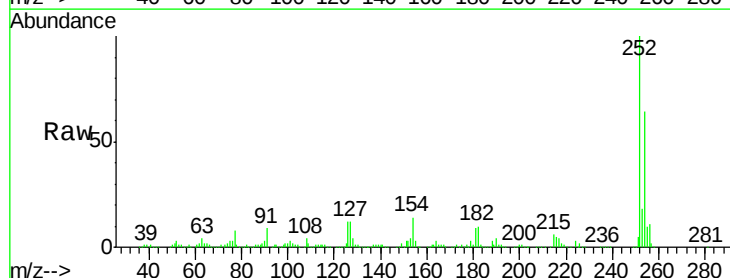
Tgt Ion:252 Resp: 449549

Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.9	76.3
126	12.3	9.8	14.8

252 100

254 63.6 50.9 76.3

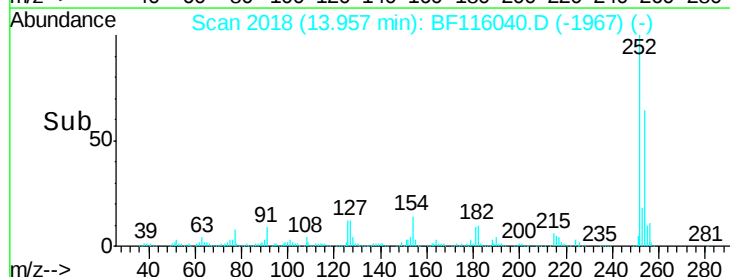
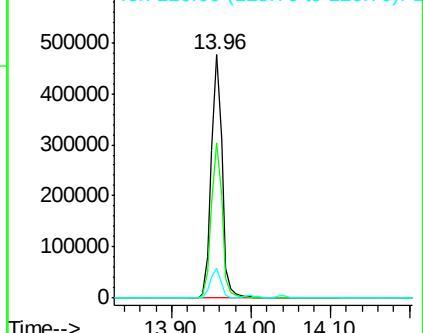
126 12.3 9.8 14.8

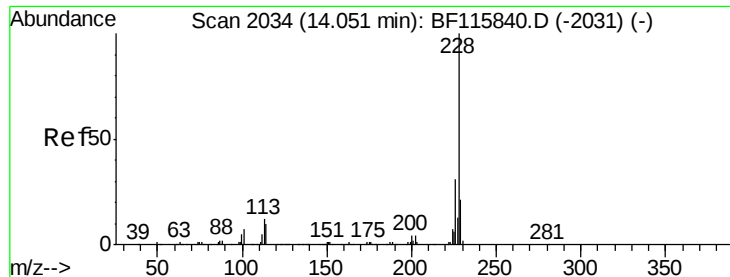


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.080 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

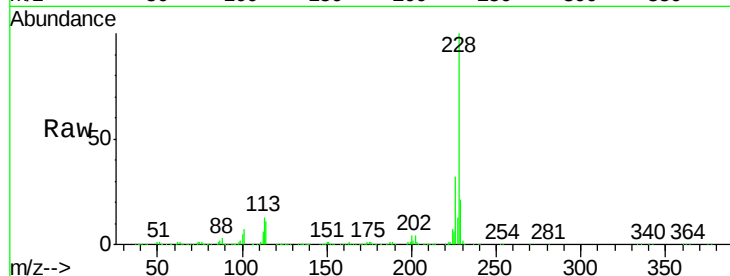
Tot Ion:228 Resp: 1204188

Ion Ratio Lower Upper

228 100

226 31.9 25.5 38.3

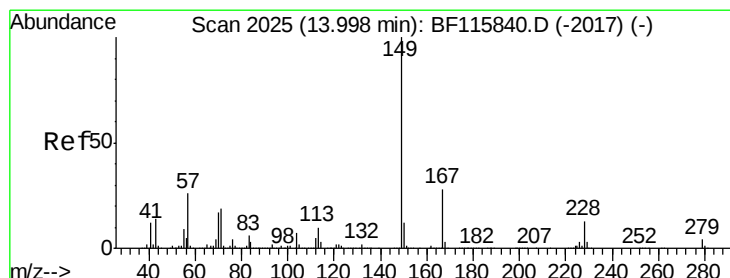
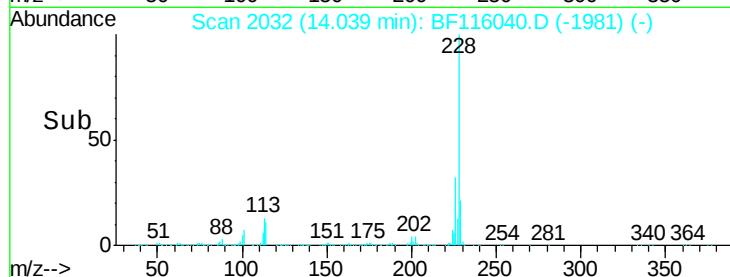
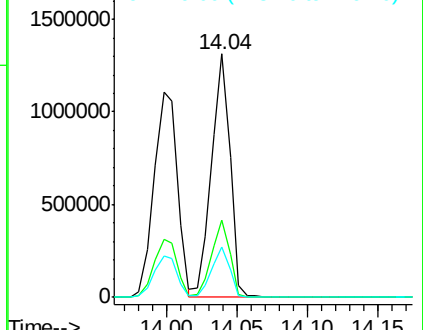
229 20.7 16.6 24.8



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: 49.998 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

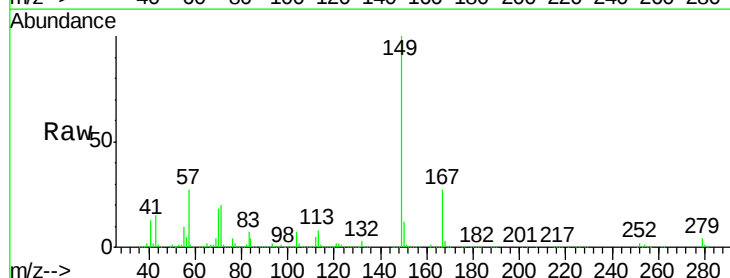
Tgt Ion:149 Resp: 955413

Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

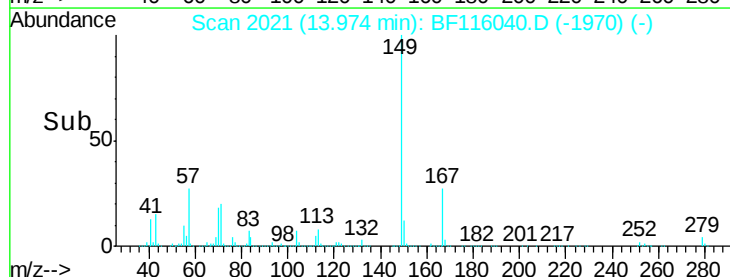
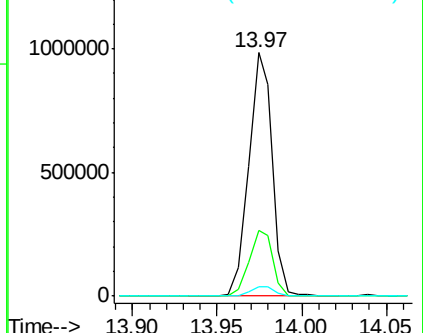
279 3.7 3.0 4.4

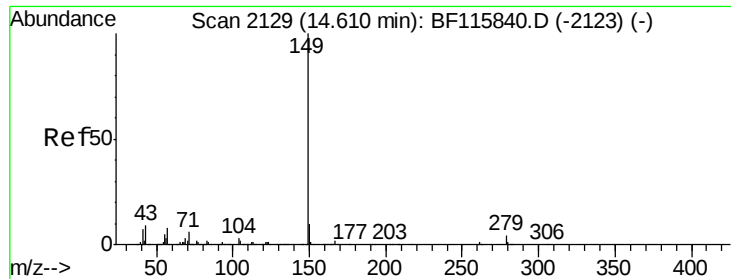


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

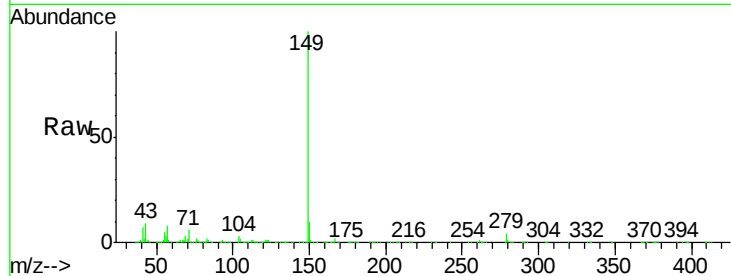




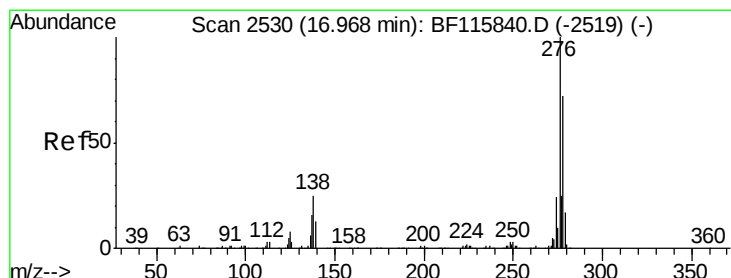
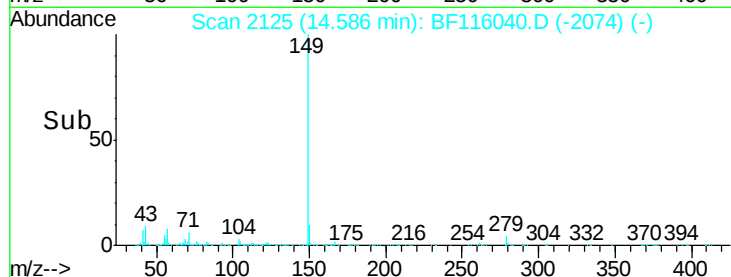
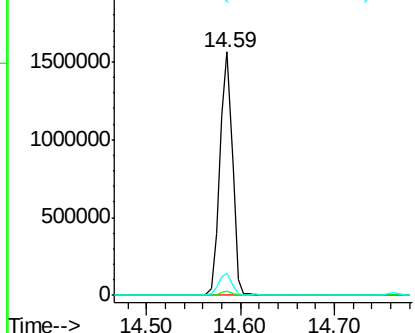
#85
Di-n-octyl phthalate
Concen: 48.129 ng
RT: 14.59 min Scan# 2125
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1460821
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.4 7.5 11.3

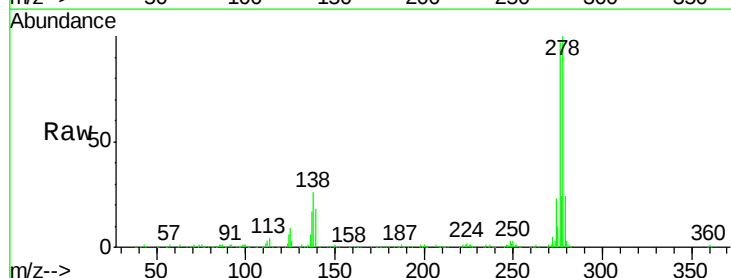


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

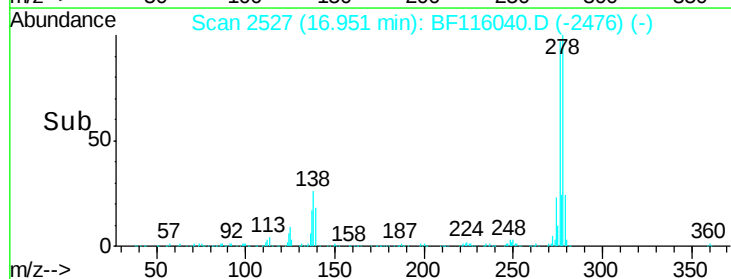
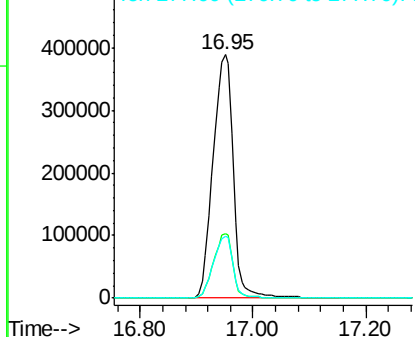


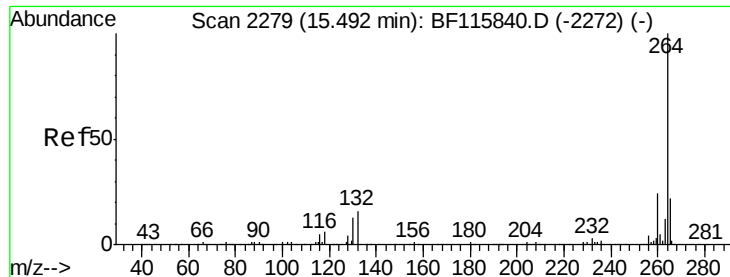
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.267 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion:276 Resp: 967804
Ion Ratio Lower Upper
276 100
138 25.5 20.4 30.6
277 25.0 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



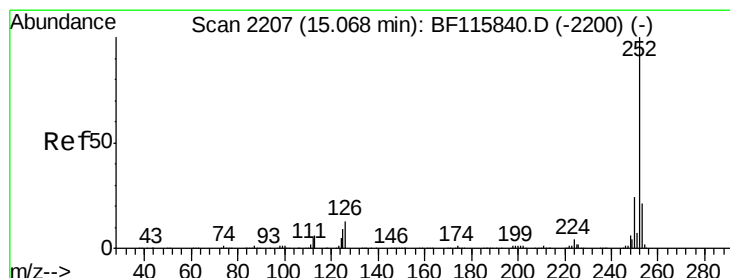
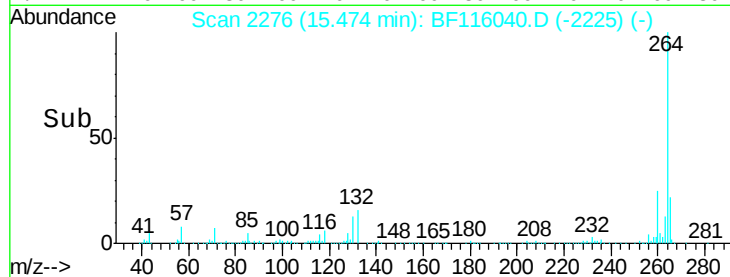
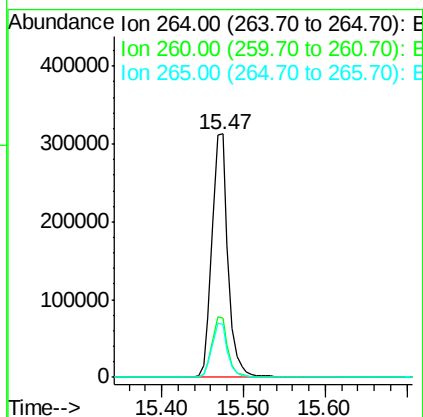
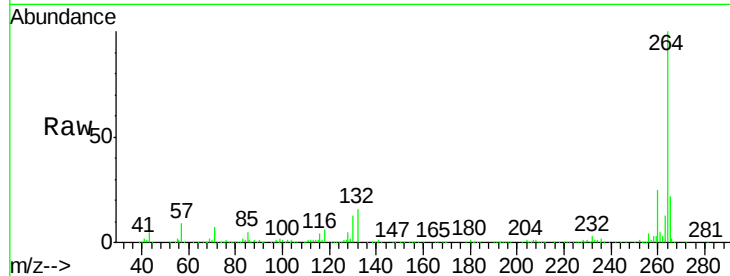


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 429388

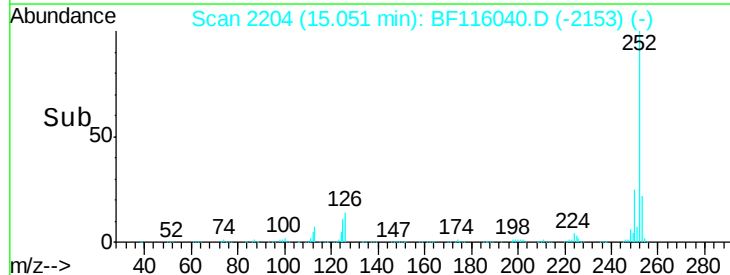
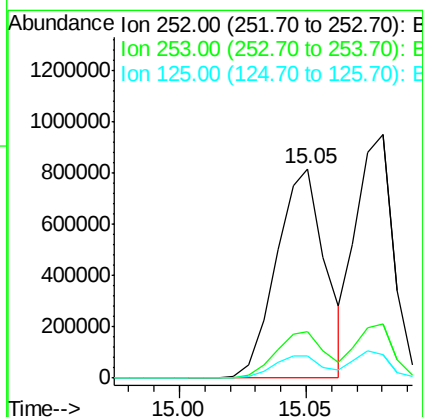
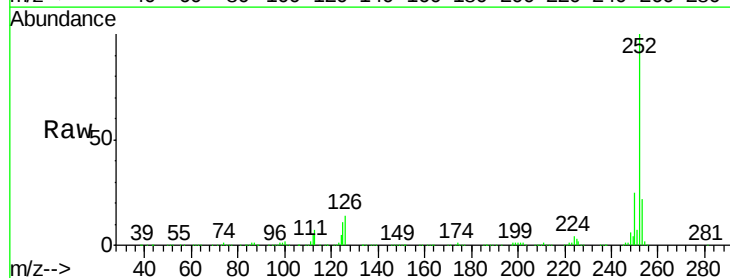
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.7	17.4	26.0

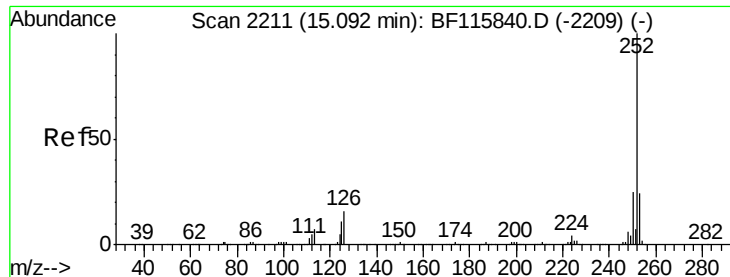


#88
Benzo(b)fluoranthene
Concen: 44.197 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion:252 Resp: 1097315

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.5	8.4	12.6

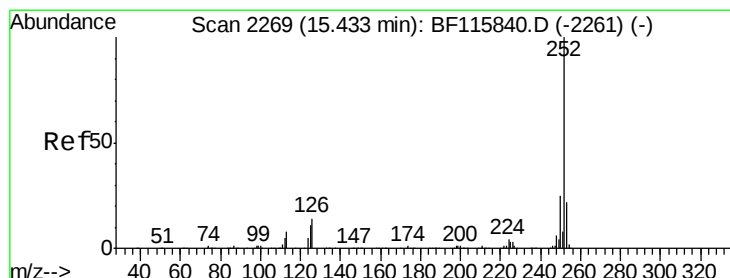
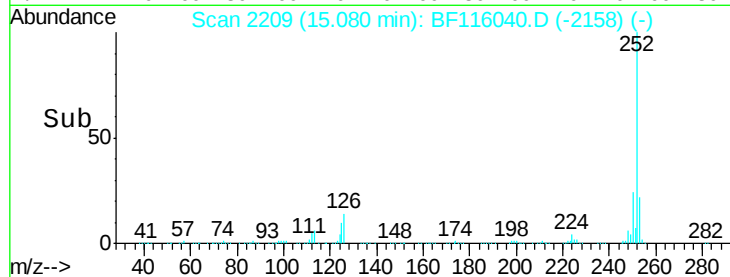
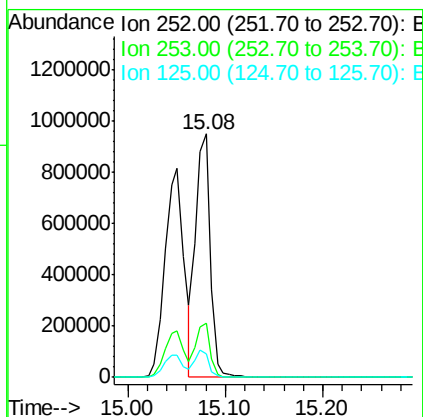
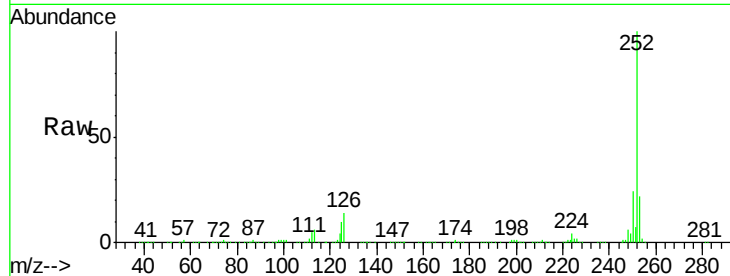




#89
Benzo(k)fluoranthene
Concen: 40.873 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

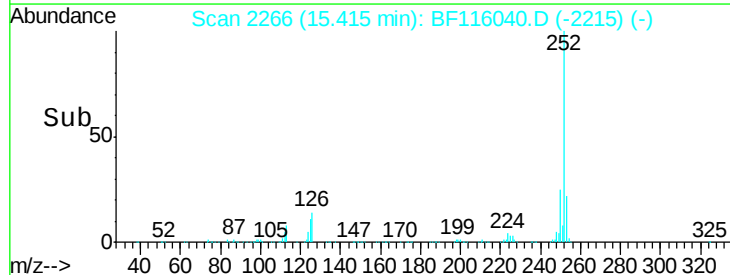
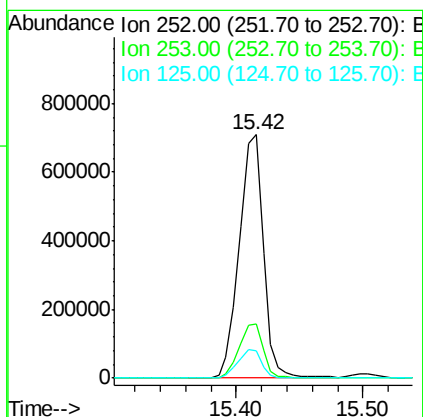
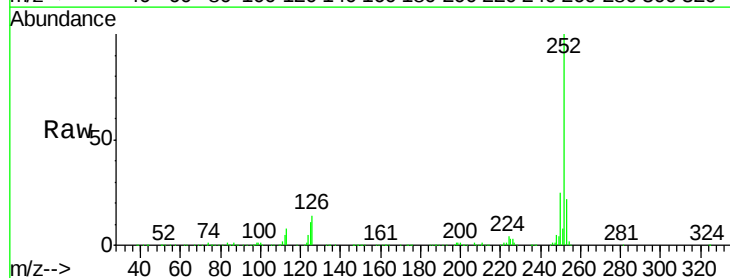
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

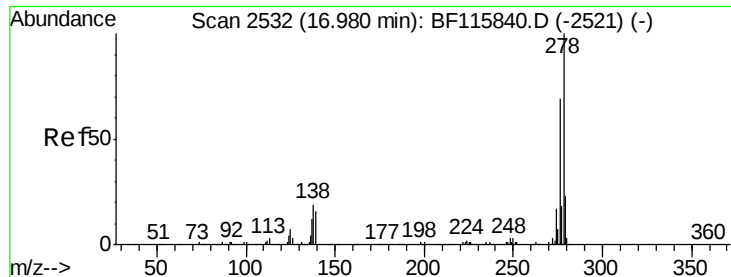
Tot Ion:252 Resp: 988418
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.6 7.7 11.5



#90
Benzo(a)pyrene
Concen: 42.180 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF116040.D
Acq: 7 Aug 2019 10:27

Tgt Ion:252 Resp: 936152
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 11.1 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 41.556 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Instrument :

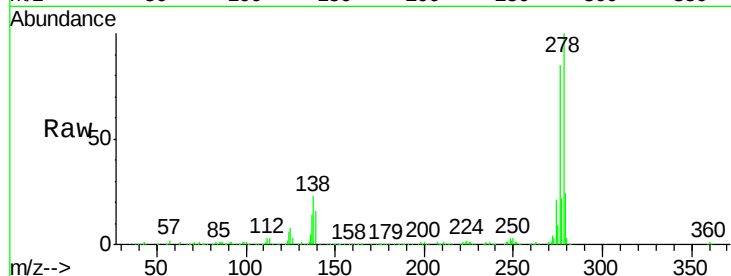
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 798347

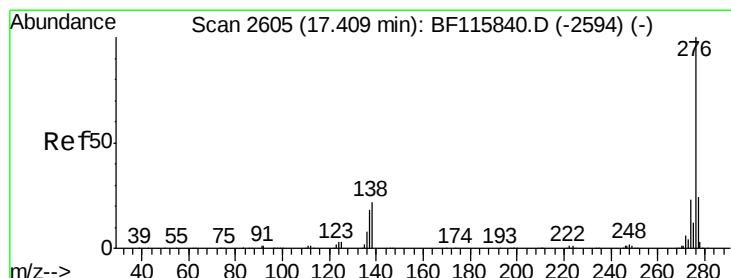
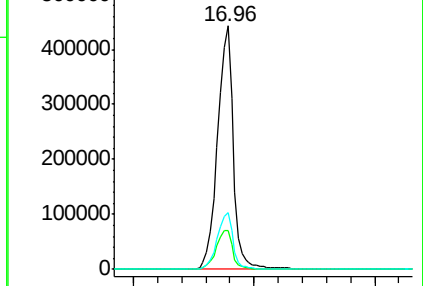
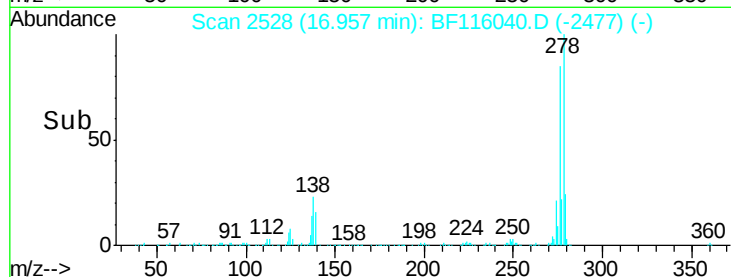
Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.8	19.2
279	23.5	18.8	28.2



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: 40.366 ng

RT: 17.39 min Scan# 2601

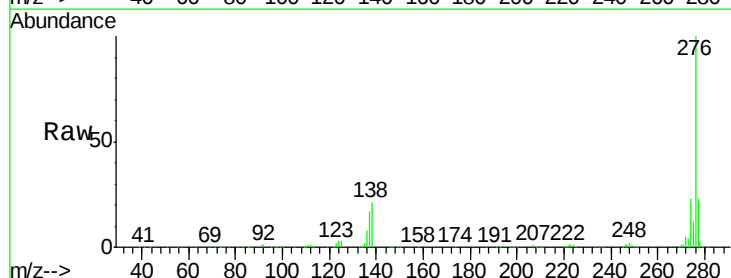
Delta R.T. 0.00 min

Lab File: BF116040.D

Acq: 7 Aug 2019 10:27

Tgt Ion:276 Resp: 761601

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.4	27.6
138	21.3	17.0	25.6



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

