

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118959.D
 Acq On : 20 Feb 2020 14:16
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Feb 20 15:26:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 15:19:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	183430	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	660836	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	365617	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	669533	20.00	ng	0.00
76) Chrysene-d12	13.91	240	515337	20.00	ng	0.00
87) Perylene-d12	15.33	264	744197	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	847629	88.01	ng	0.00
7) Phenol-d6	6.40	99	1030524	84.64	ng	0.00
23) Nitrobenzene-d5	7.33	82	947803	79.77	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	358898	79.24	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1813281	80.11	ng	0.00
79) Terphenyl-d14	12.86	244	2163231	82.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	185008	42.865	ng	100
3) Pyridine	3.18	79	502310	42.149	ng	100
4) n-Nitrosodimethylamine	3.13	42	152984	41.683	ng	100
6) Aniline	6.43	93	642320	40.341	ng	100
8) 2-Chlorophenol	6.55	128	458032	39.350	ng	100
9) Benzaldehyde	6.31	77	342140	47.056	ng	100
10) Phenol	6.42	94	555068	39.877	ng	100
11) bis(2-Chloroethyl)ether	6.50	93	420161	38.438	ng	100
12) 1,3-Dichlorobenzene	6.70	146	539768	38.656	ng	100
13) 1,4-Dichlorobenzene	6.78	146	546491	39.037	ng	100
14) 1,2-Dichlorobenzene	6.93	146	500494	38.930	ng	100
15) Benzyl Alcohol	6.90	79	376811	39.678	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.04	45	362185	36.746	ng	100
17) 2-Methylphenol	7.02	107	366946	38.485	ng	100
18) Hexachloroethane	7.27	117	192958	38.367	ng	100
19) n-Nitroso-di-n-propylamine	7.18	70	293130	37.735	ng	100
20) 3+4-Methylphenols	7.17	107	439912	39.535	ng	100
22) Acetophenone	7.17	105	580219	40.344	ng	100
24) Nitrobenzene	7.35	77	465598	38.699	ng	100
25) Isophorone	7.59	82	810746	38.108	ng	100
26) 2-Nitrophenol	7.66	139	248145	38.620	ng	100
27) 2,4-Dimethylphenol	7.70	122	336166	39.093	ng	100
28) bis(2-Chloroethoxy)methane	7.79	93	534664	38.417	ng	100
29) 2,4-Dichlorophenol	7.90	162	401260	39.127	ng	100
30) 1,2,4-Trichlorobenzene	7.99	180	474080	39.403	ng	100
31) Naphthalene	8.06	128	1312037	39.178	ng	100
32) Benzoic acid	7.84	122	226308	36.431	ng	100
33) 4-Chloroaniline	8.12	127	564468	39.370	ng	100
34) Hexachlorobutadiene	8.19	225	292044	39.233	ng	100
35) Caprolactam	8.49	113	124204	40.029	ng	100
36) 4-Chloro-3-methylphenol	8.60	107	403467	39.371	ng	100
37) 2-Methylnaphthalene	8.76	142	877230	39.268	ng	100
38) 1-Methylnaphthalene	8.86	142	831236	39.679	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	461417	39.338	ng	100

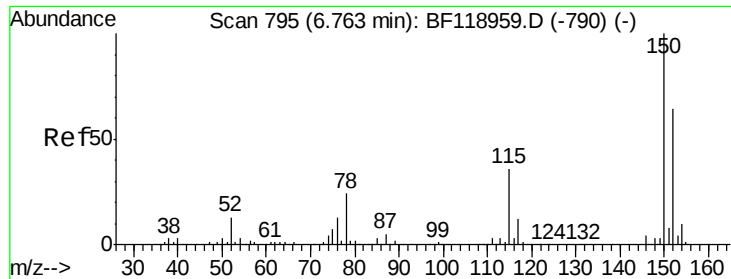
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	134921	38.335	ng	100
43) 2,4,6-Trichlorophenol	9.03	196	291859	37.705	ng	100
44) 2,4,5-Trichlorophenol	9.08	196	308243	38.407	ng	100
46) 1,1'-Biphenyl	9.22	154	1120275	39.856	ng	100
47) 2-Chloronaphthalene	9.25	162	894084	38.328	ng	100
48) 2-Nitroaniline	9.34	65	250027	38.306	ng	100
49) Acenaphthylene	9.66	152	1303602	39.139	ng	100
50) Dimethylphthalate	9.52	163	1035991	37.531	ng	100
51) 2,6-Dinitrotoluene	9.58	165	232864	37.769	ng	100
52) Acenaphthene	9.83	154	786325	38.782	ng	100
53) 3-Nitroaniline	9.75	138	261423	38.527	ng	100
54) 2,4-Dinitrophenol	9.86	184	97803	35.664	ng	100
55) Dibenzofuran	10.00	168	1189458	39.301	ng	100
56) 4-Nitrophenol	9.92	139	159184	38.082	ng	100
57) 2,4-Dinitrotoluene	9.99	165	309255	38.775	ng	100
58) Fluorene	10.35	166	916708	39.083	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	255841	37.090	ng	100
60) Diethylphthalate	10.22	149	993583	38.182	ng	100
61) 4-Chlorophenyl-phenylether	10.33	204	483825	38.765	ng	100
62) 4-Nitroaniline	10.36	138	267420	38.282	ng	100
63) Azobenzene	10.49	77	859191	37.544	ng	100
65) 4,6-Dinitro-2-methylphenol	10.40	198	152009	36.839	ng	100
66) n-Nitrosodiphenylamine	10.45	169	829289	39.111	ng	100
67) 4-Bromophenyl-phenylether	10.82	248	326534	37.989	ng	100
68) Hexachlorobenzene	10.89	284	378084	38.422	ng	100
69) Atrazine	10.98	200	286257	40.334	ng	100
70) Pentachlorophenol	11.09	266	150688	35.769	ng	100
71) Phenanthrene	11.30	178	1379496	39.237	ng	100
72) Anthracene	11.35	178	1399916	39.797	ng	100
73) Carbazole	11.50	167	1236144	39.207	ng	100
74) Di-n-butylphthalate	11.84	149	1489824	37.242	ng	100
75) Fluoranthene	12.49	202	1482964	37.866	ng	100
77) Benzidine	12.60	184	808214	48.986	ng	100
78) Pyrene	12.72	202	1510743	40.623	ng	100
80) Butylbenzylphthalate	13.33	149	646579	39.676	ng	100
81) Benzo(a)anthracene	13.90	228	1322673	41.884	ng	100
82) 3,3'-Dichlorobenzidine	13.86	252	535644	43.590	ng	100
83) Chrysene	13.94	228	1306984	41.283	ng	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	826049	40.001	ng	100
85) Di-n-octyl phthalate	14.50	149	1385317	41.610	ng	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	1643374	52.743	ng	100
88) Benzo(b)fluoranthene	14.93	252	1294791	25.809	ng	100
89) Benzo(k)fluoranthene	14.96	252	1311367	29.414	ng	100
90) Benzo(a)pyrene	15.28	252	1634032	37.805	ng	100
91) Dibenzo(a,h)anthracene	16.74	278	1361234	34.749	ng	100
92) Benzo(g,h,i)perylene	17.16	276	1323781	34.249	ng	100

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

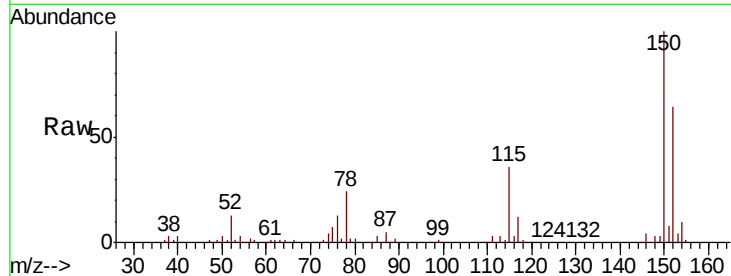


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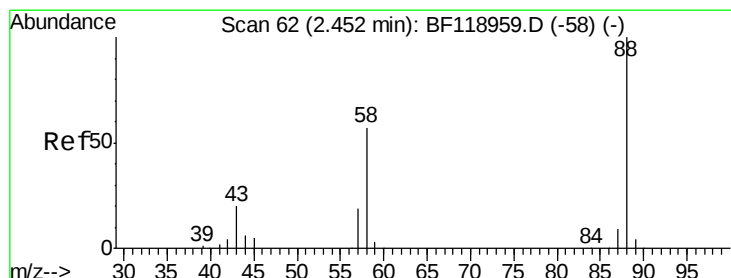
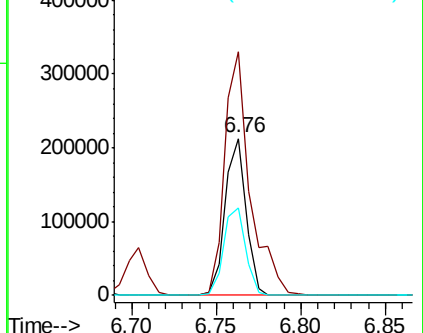
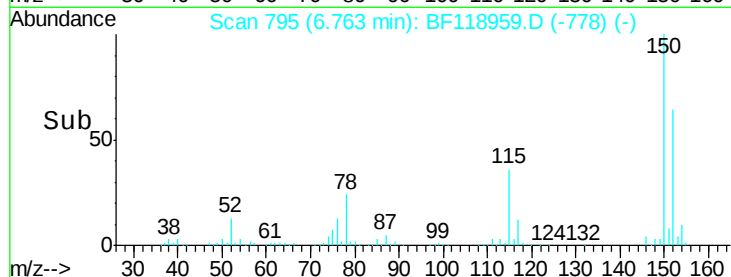
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:152 Resp: 183430
Ion Ratio Lower Upper
152 100
150 155.4 124.3 186.5
115 55.8 44.6 67.0



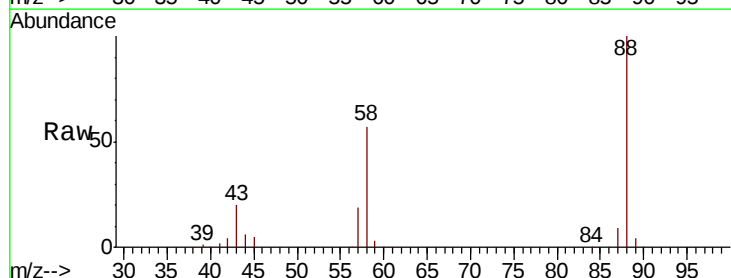
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



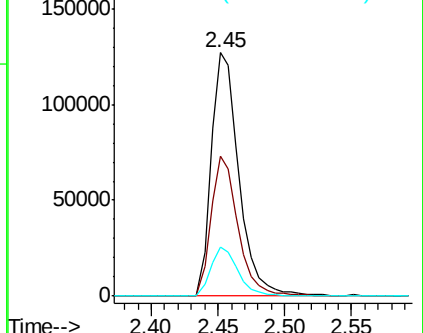
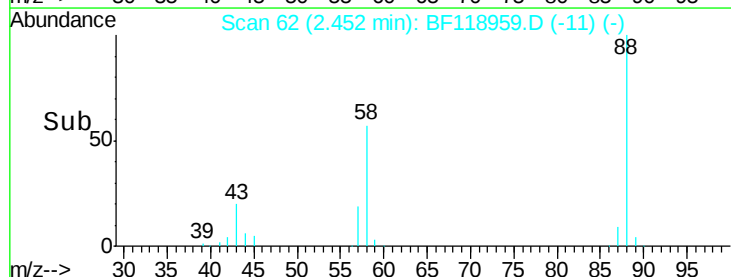
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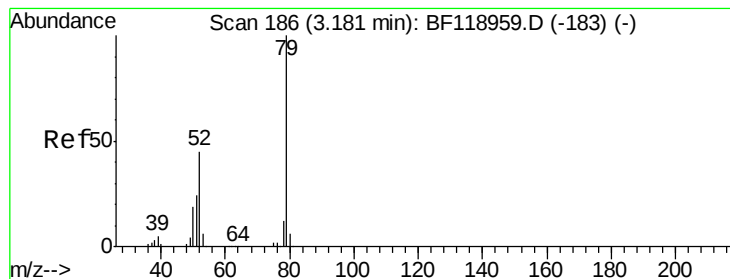
1,4-Dioxane
Concen: 42.865 ng
RT: 2.45 min Scan# 62
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion: 88 Resp: 185008
Ion Ratio Lower Upper
88 100
58 55.7 44.6 66.8
43 20.0 16.0 24.0



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: 42.149 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

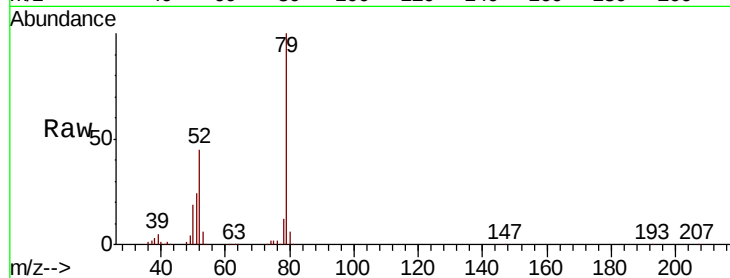
Tot Ion: 79 Resp: 502310

Ion Ratio Lower Upper

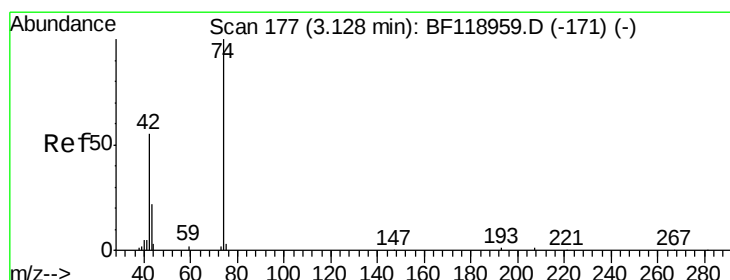
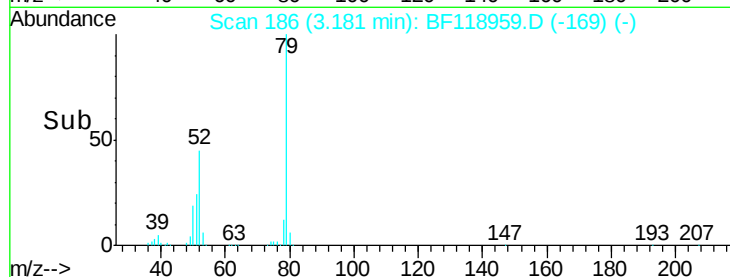
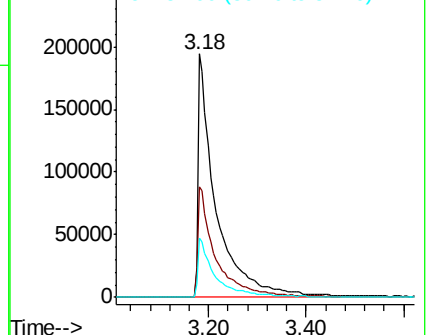
79 100

52 45.4 36.3 54.5

51 24.4 19.5 29.3



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: 41.683 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

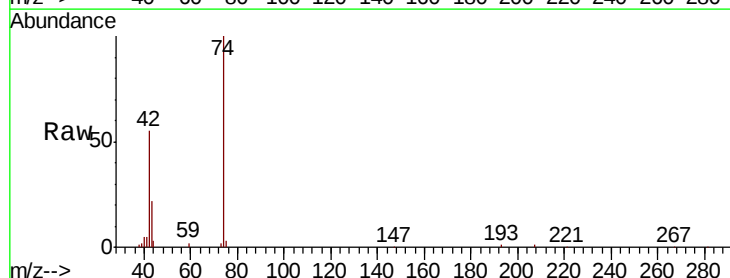
Tgt Ion: 42 Resp: 152984

Ion Ratio Lower Upper

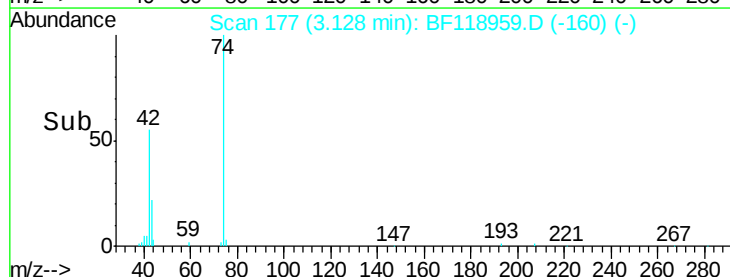
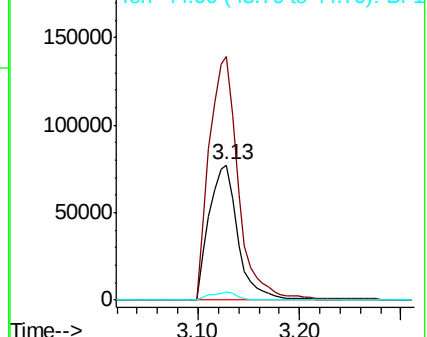
42 100

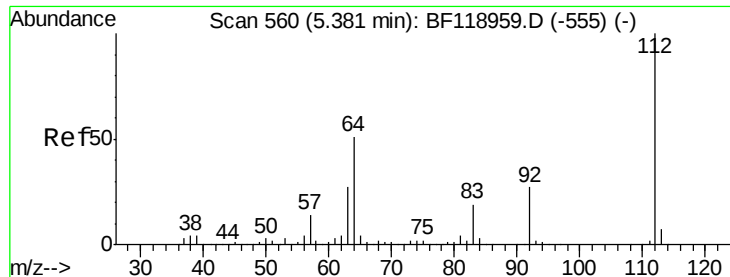
74 180.5 144.4 216.6

44 5.6 4.5 6.7



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: 88.006 ng

RT: 5.38 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

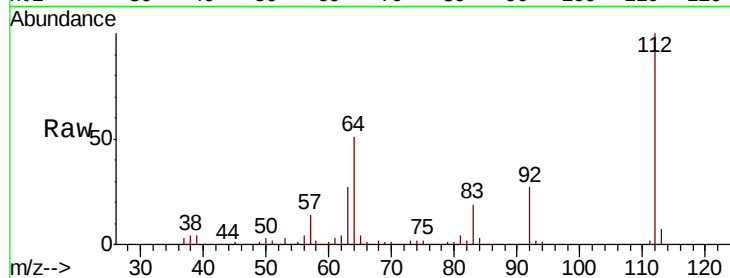
Tot Ion: 112 Resp: 847629

Ion Ratio Lower Upper

112 100

64 50.5 40.4 60.6

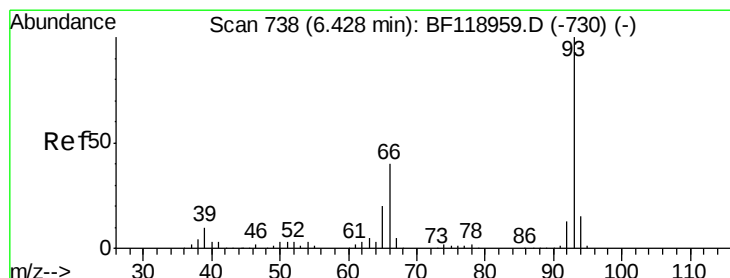
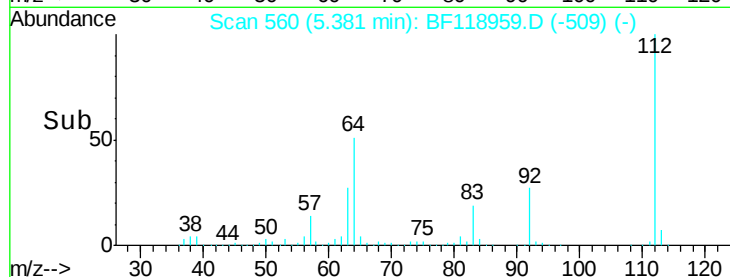
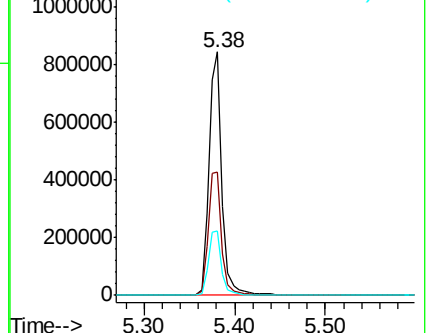
63 26.6 21.3 31.9



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.341 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

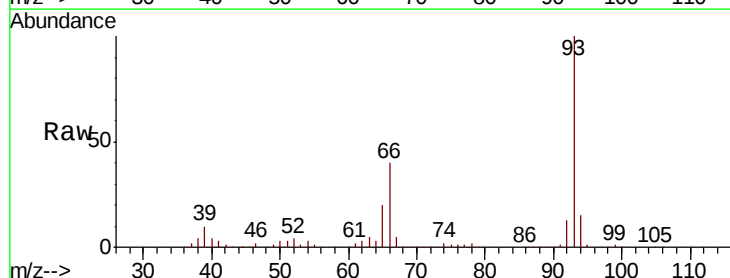
Tgt Ion: 93 Resp: 642320

Ion Ratio Lower Upper

93 100

66 40.2 32.2 48.2

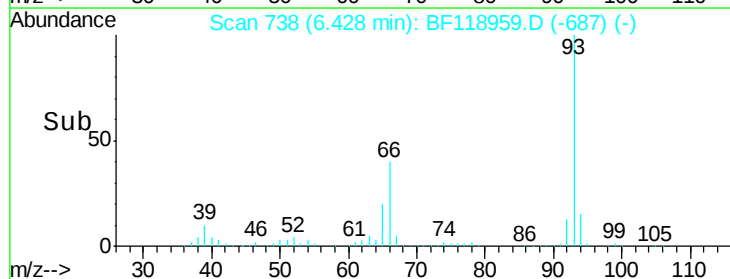
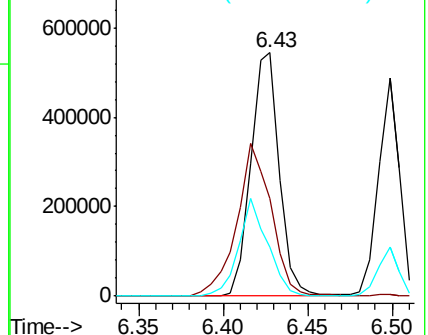
65 20.1 16.1 24.1



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: 84.639 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF118959.D

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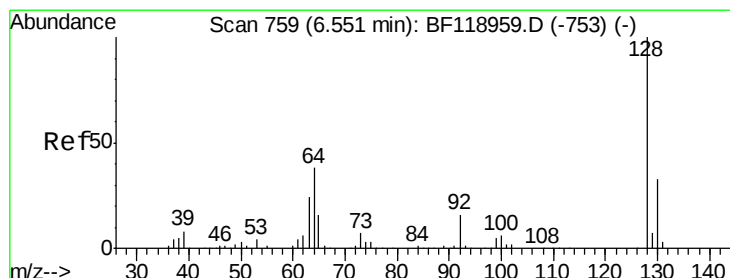
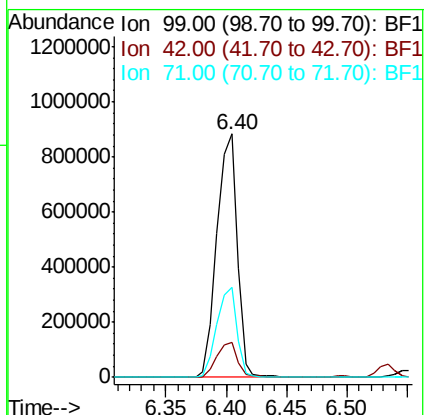
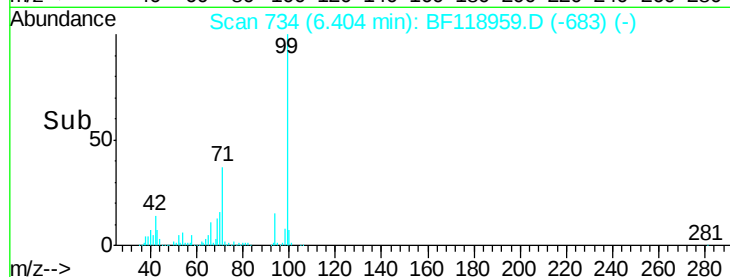
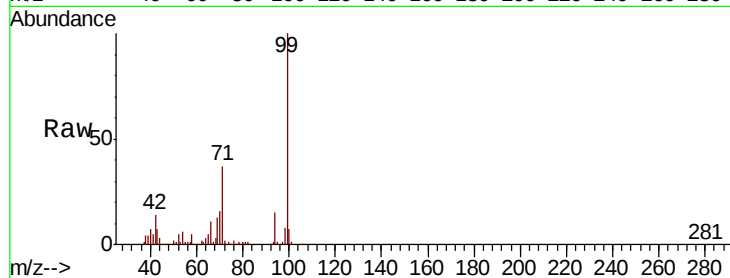
Tot Ion: 99 Resp: 1030524

Ion Ratio Lower Upper

99 100

42 14.2 11.4 17.0

71 37.2 29.8 44.6



#8

2-Chlorophenol

Concen: 39.350 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

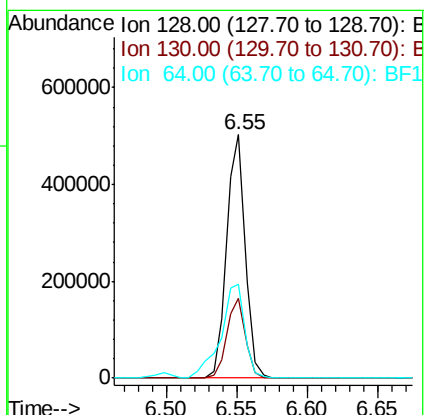
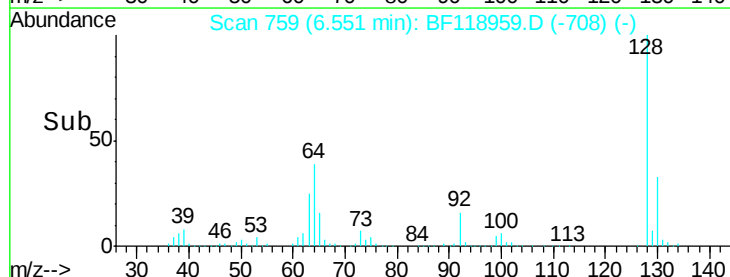
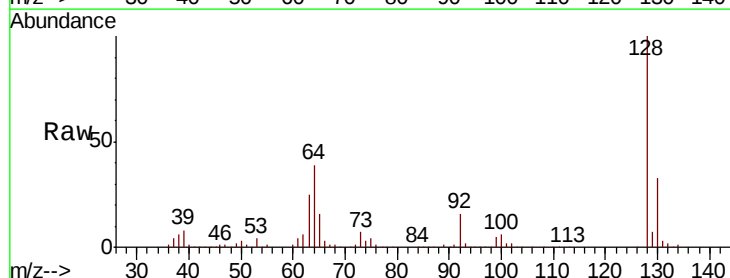
Tgt Ion: 128 Resp: 458032

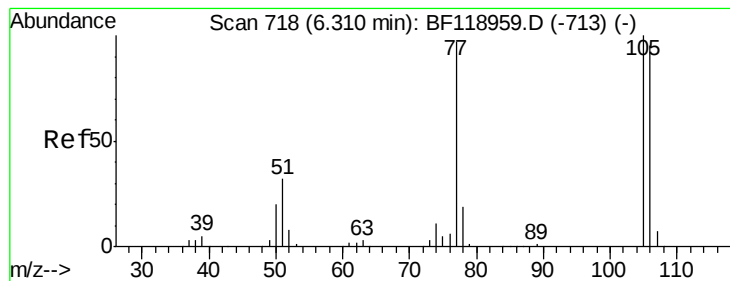
Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

64 38.7 18.7 58.7





#9

Benzaldehyde

Concen: 47.056 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

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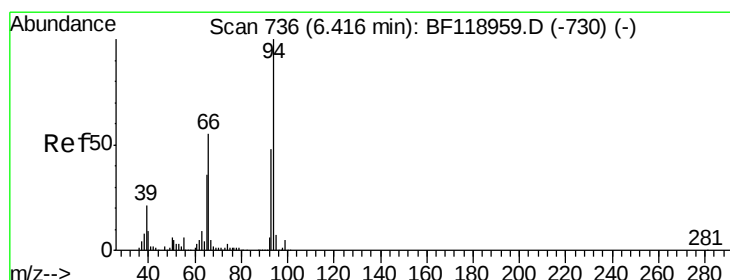
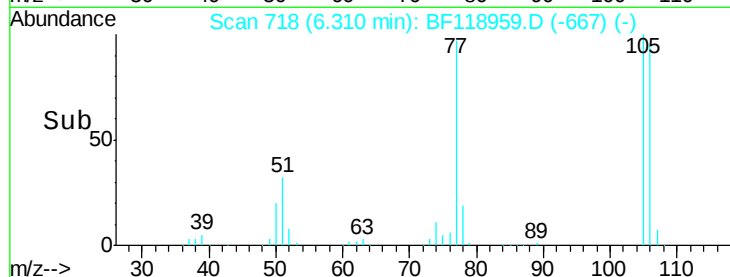
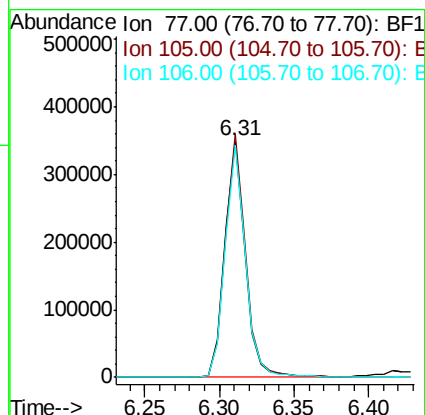
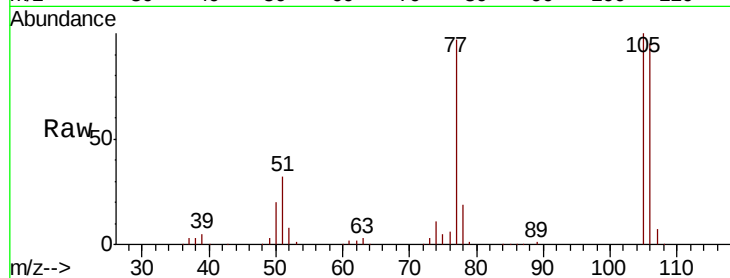
Tot Ion: 77 Resp: 342140

Ion Ratio Lower Upper

77 100

105 103.0 83.0 123.0

106 98.3 78.3 118.3



#10

Phenol

Concen: 39.877 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

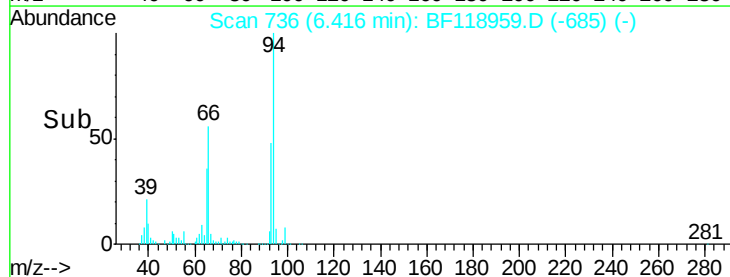
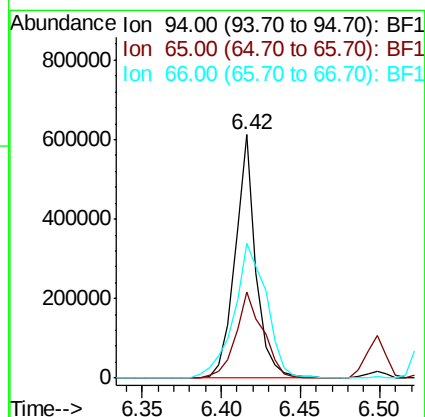
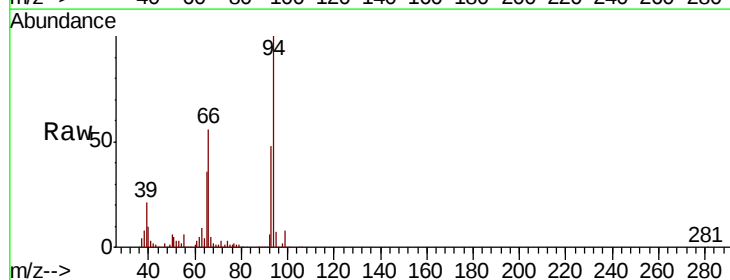
Tgt Ion: 94 Resp: 555068

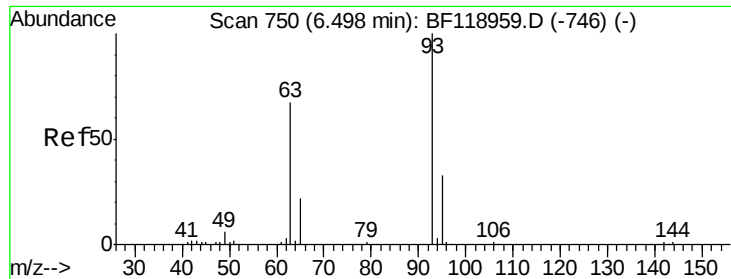
Ion Ratio Lower Upper

94 100

65 35.5 15.5 55.5

66 55.6 35.6 75.6

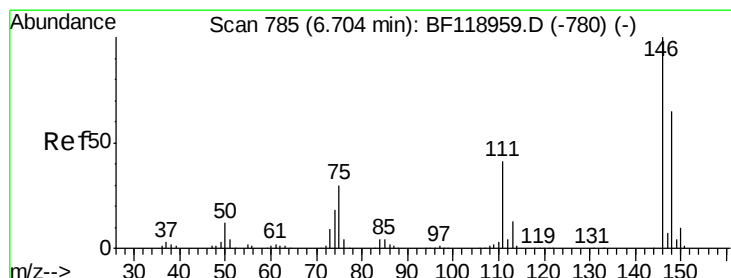
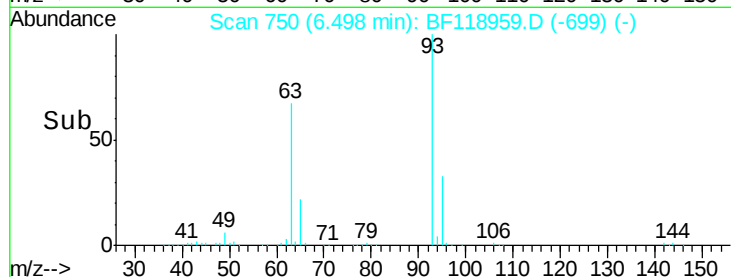
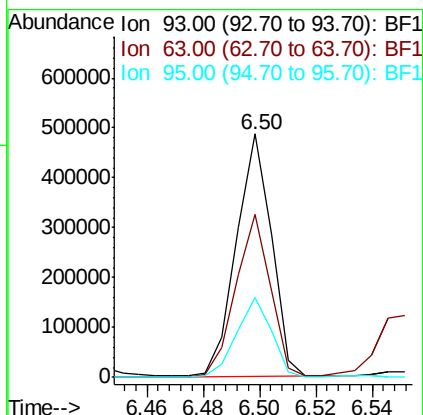
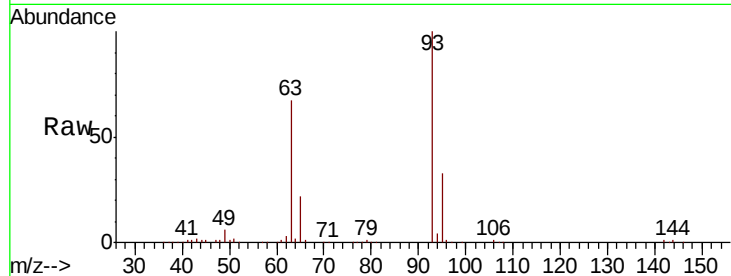




#11
bis(2-Chloroethyl)ether
Concen: 38.438 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

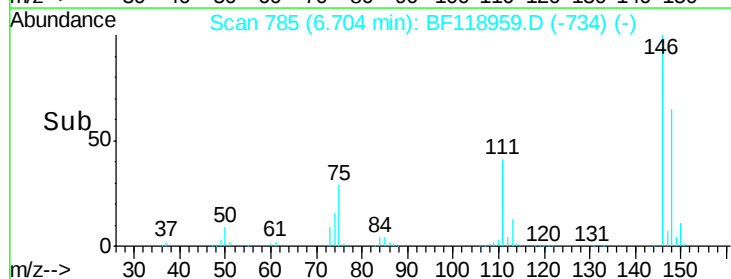
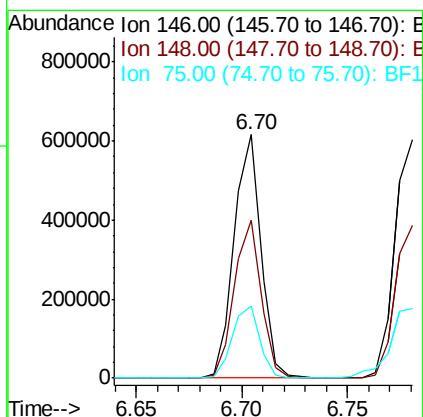
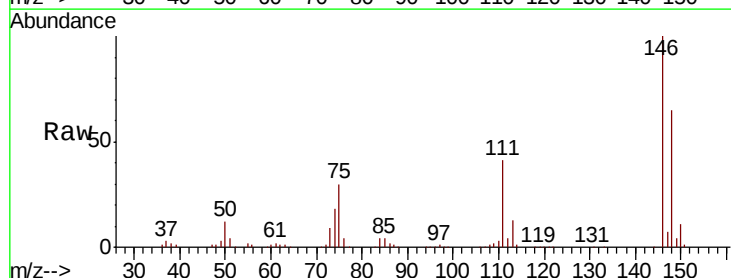
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

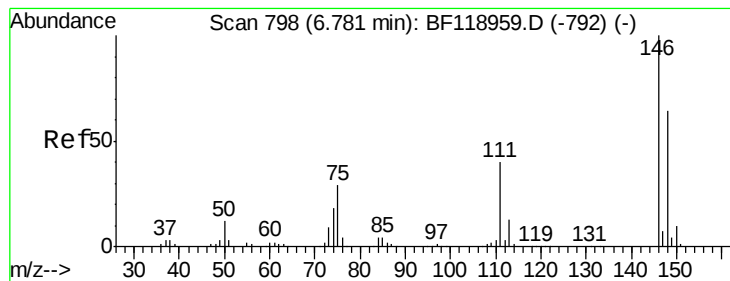
Tot Ion: 93 Resp: 420161
Ion Ratio Lower Upper
93 100
63 66.8 46.8 86.8
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 38.656 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion: 146 Resp: 539768
Ion Ratio Lower Upper
146 100
148 64.6 51.7 77.5
75 29.5 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 39.037 ng

RT: 6.78 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

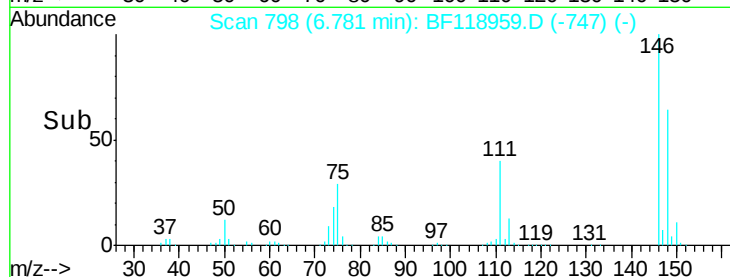
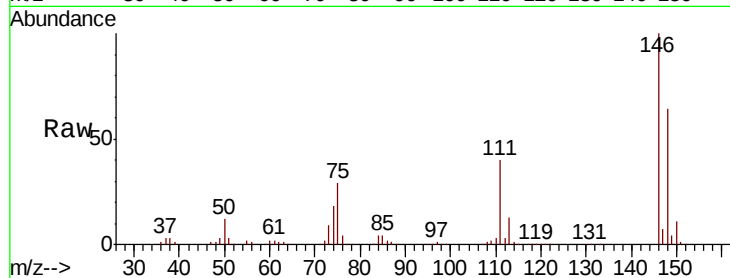
Tot Ion:146 Resp: 546491

Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

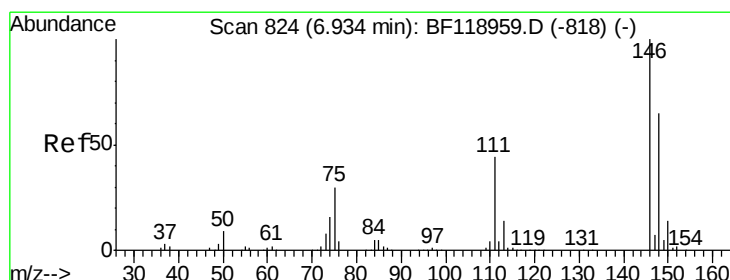
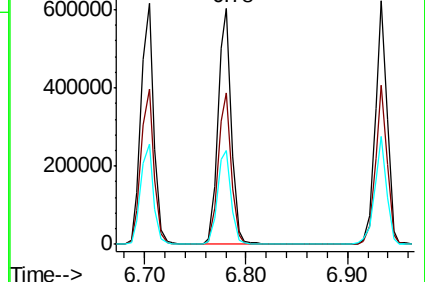
111 39.9 31.9 47.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.930 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

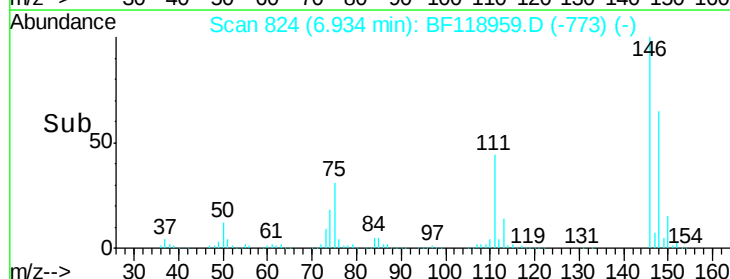
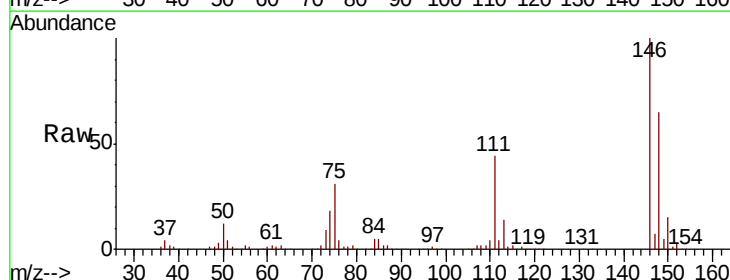
Tgt Ion:146 Resp: 500494

Ion Ratio Lower Upper

146 100

148 65.1 52.1 78.1

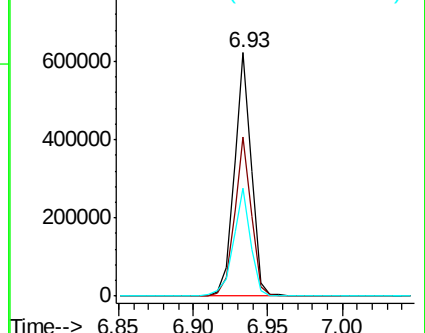
111 44.4 35.5 53.3

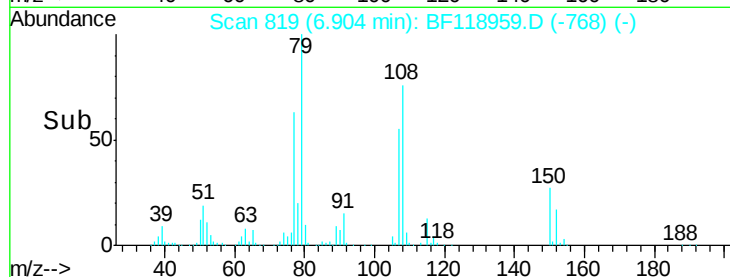
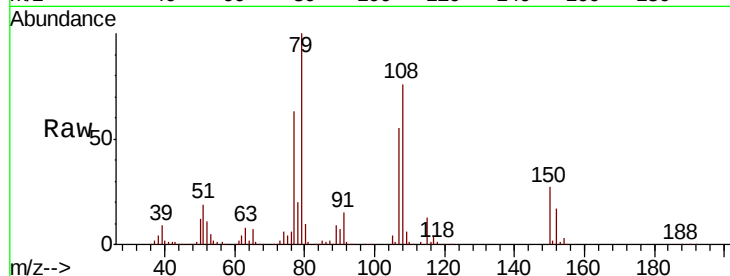
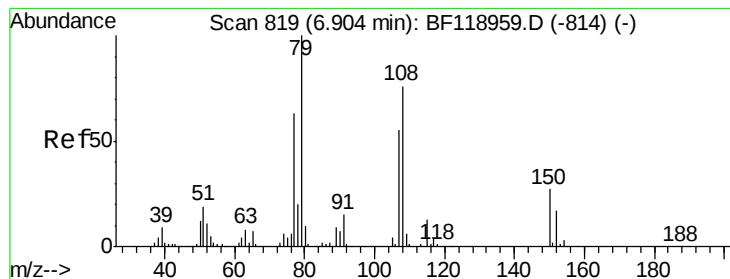


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.678 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

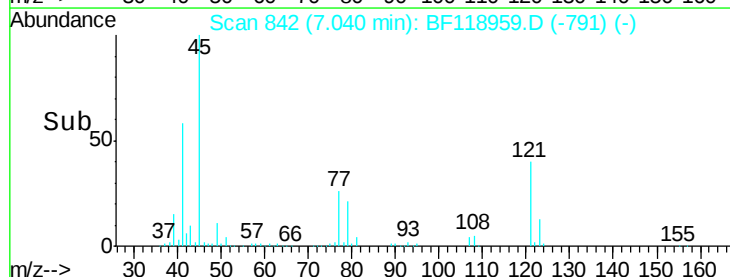
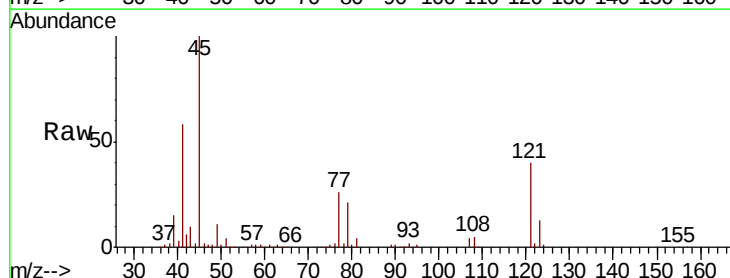
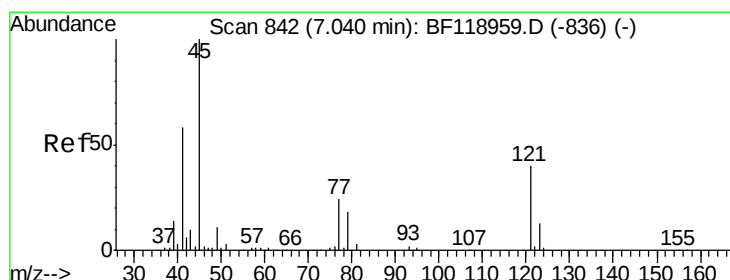
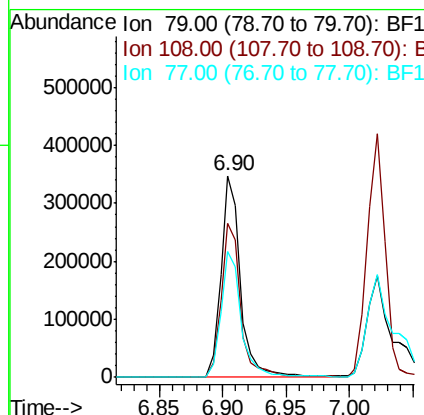
Tot Ion: 79 Resp: 376811

Ion Ratio Lower Upper

79 100

108 76.4 61.1 91.7

77 62.7 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.746 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

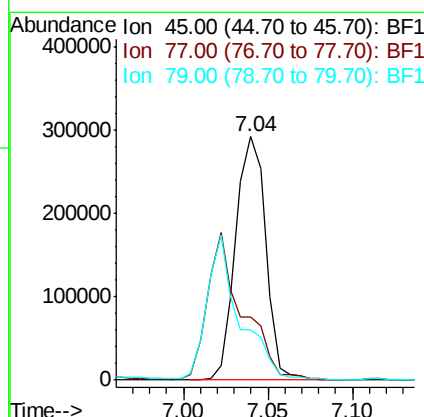
Tgt Ion: 45 Resp: 362185

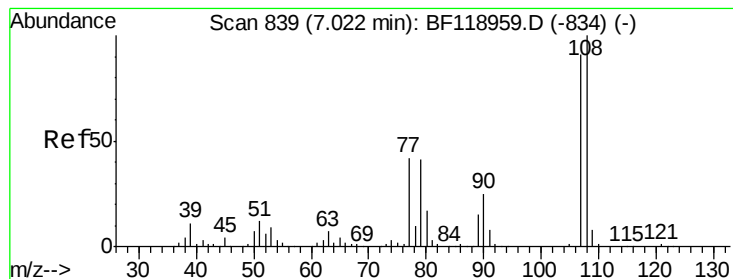
Ion Ratio Lower Upper

45 100

77 26.1 6.1 46.1

79 20.5 0.5 40.5

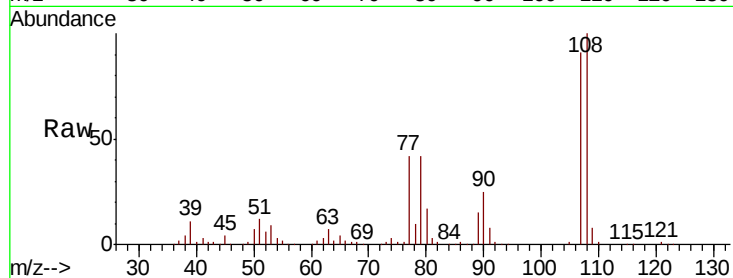




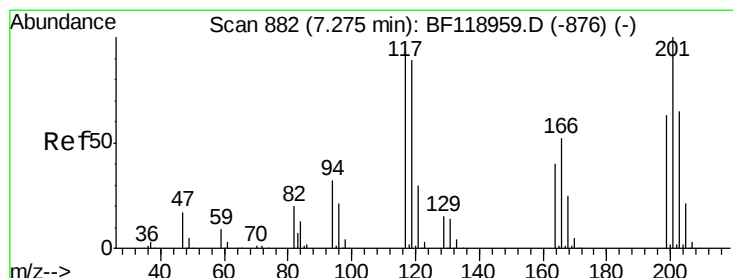
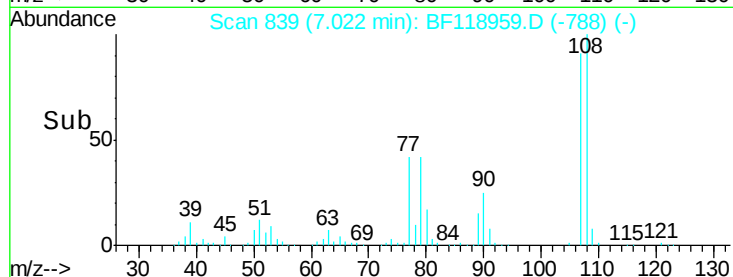
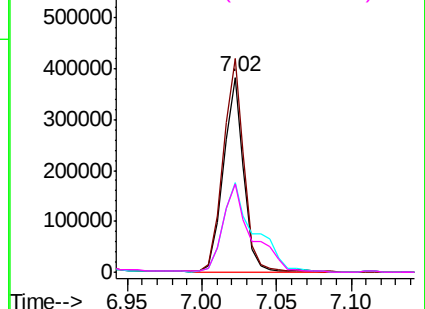
#17
2-Methylphenol
Concen: 38.485 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:107 Resp: 366946
Ion Ratio Lower Upper
107 100
108 109.6 87.7 131.5
77 46.0 36.8 55.2
79 45.5 36.4 54.6

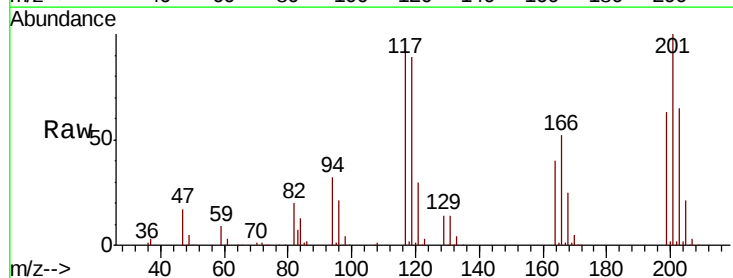


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

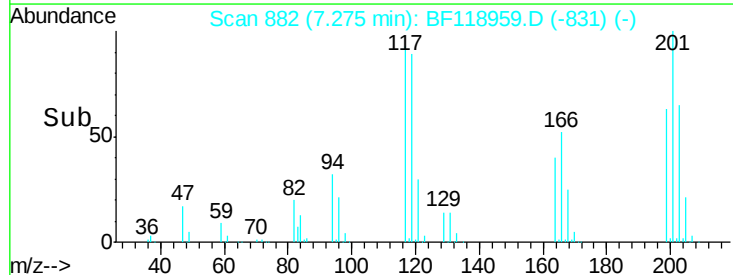
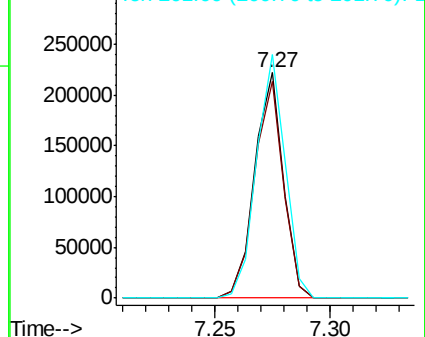


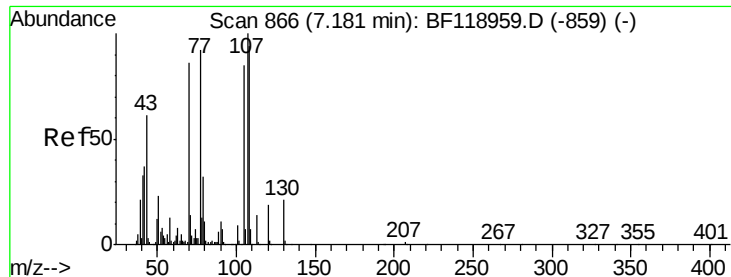
#18
Hexachloroethane
Concen: 38.367 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion:117 Resp: 192958
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6
201 108.0 86.4 129.6



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

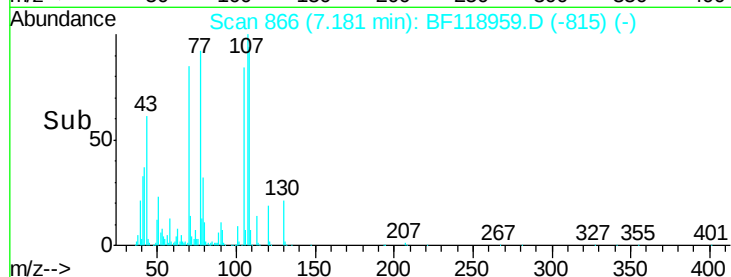
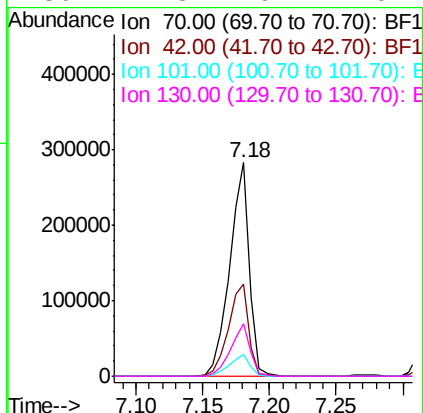
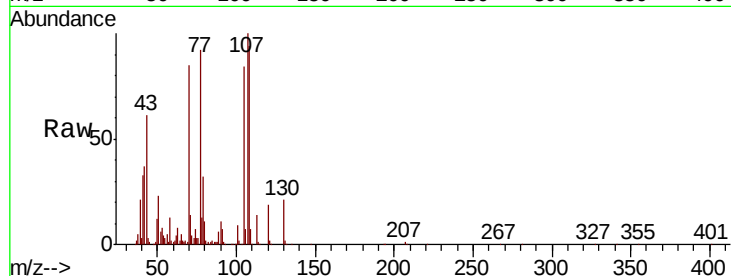




#19
n-Nitroso-di-n-propylamine
Concen: 37.735 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

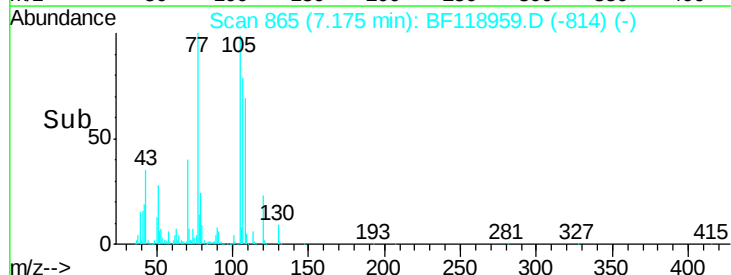
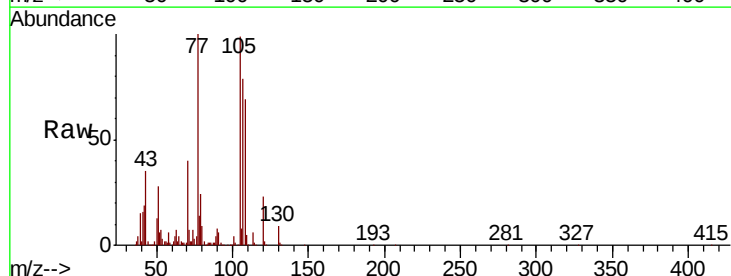
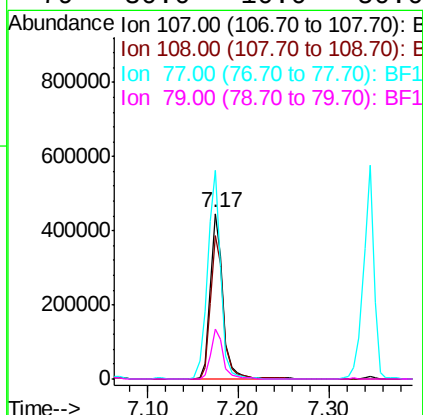
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.2	34.6	51.8
101	10.1	8.1	12.1
130	24.3	19.4	29.2



#20
3+4-Methylphenols
Concen: 39.535 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	67.0	107.0
77	126.2	106.2	146.2
79	30.0	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:136 Resp: 660836

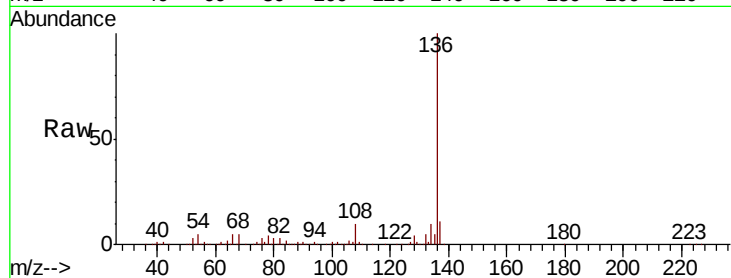
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 4.7 3.8 5.6

68 5.2 4.2 6.2

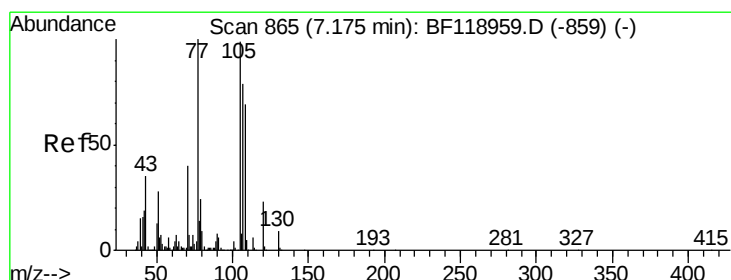
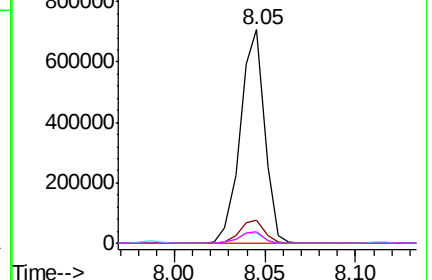
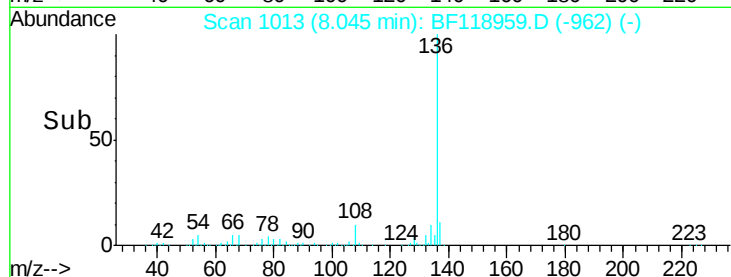


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.344 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Tgt Ion:105 Resp: 580219

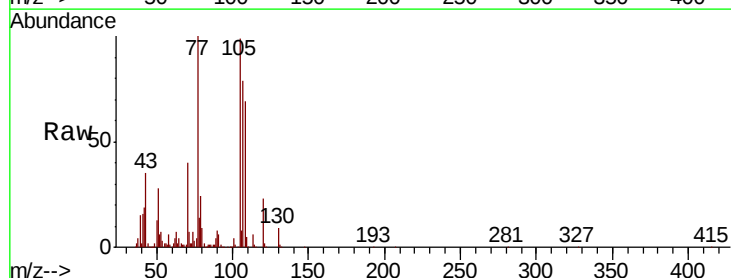
Ion Ratio Lower Upper

105 100

71 6.7 5.4 8.0

51 28.1 22.5 33.7

120 23.0 18.4 27.6

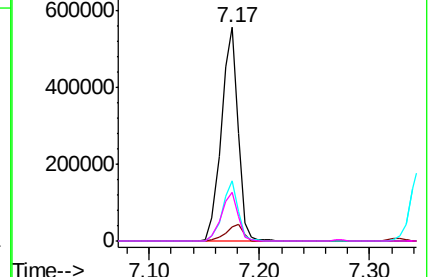
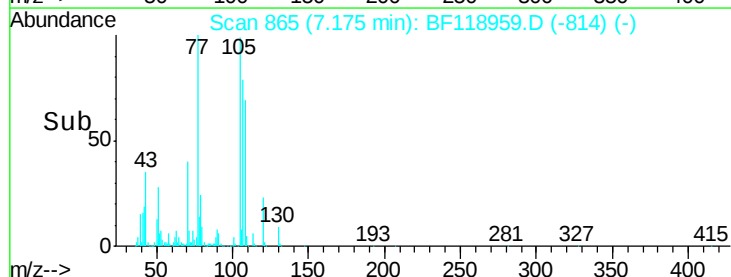


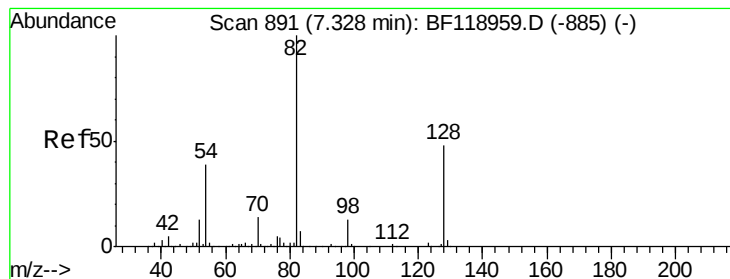
Abundance Ion 105.00 (104.70 to 105.70): E

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: 79.772 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

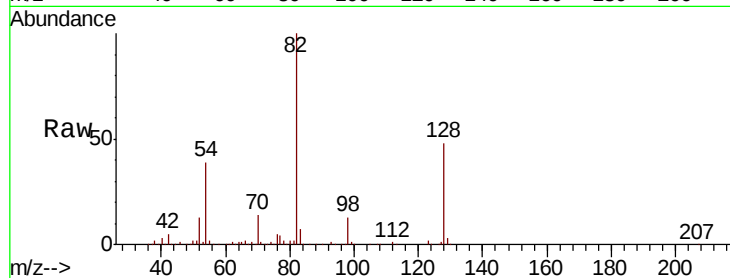
Tot Ion: 82 Resp: 947803

Ion Ratio Lower Upper

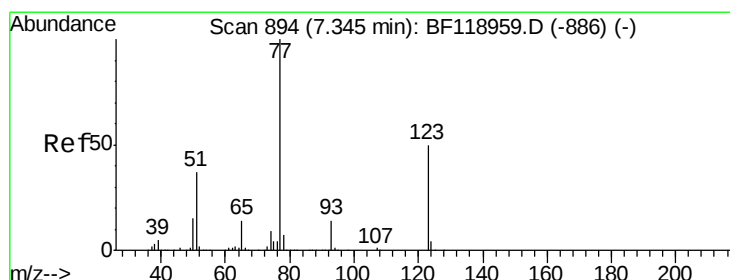
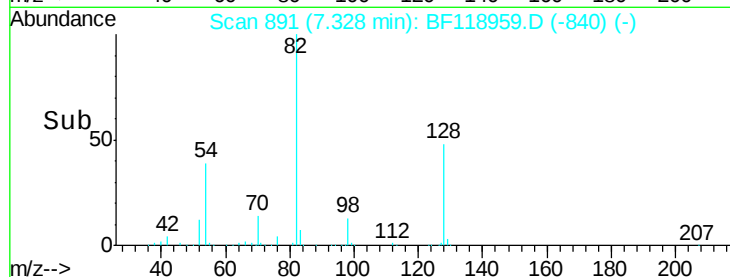
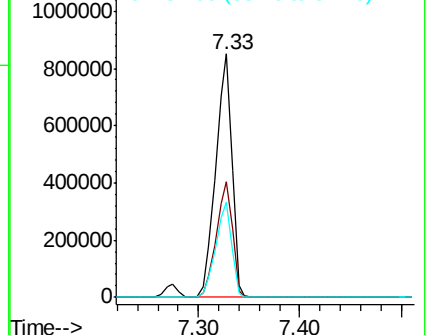
82 100

128 47.7 38.2 57.2

54 39.1 31.3 46.9



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: 38.699 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

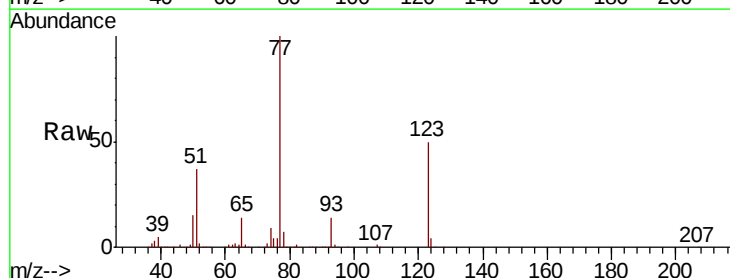
Tgt Ion: 77 Resp: 465598

Ion Ratio Lower Upper

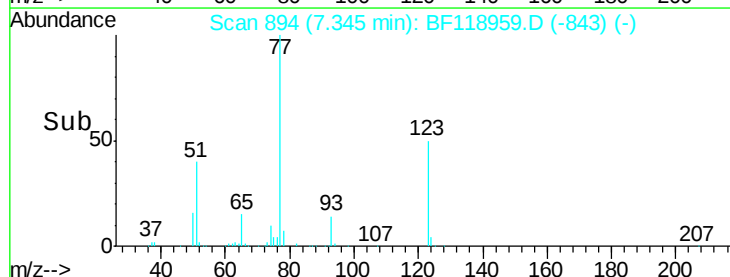
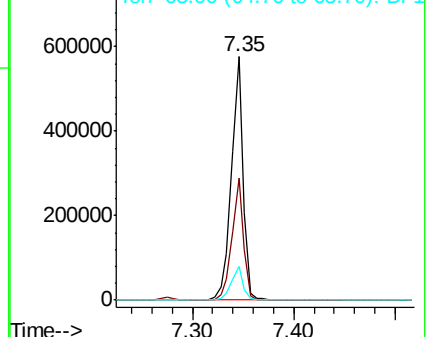
77 100

123 50.1 40.1 60.1

65 13.6 10.9 16.3



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: 38.108 ng

RT: 7.59 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

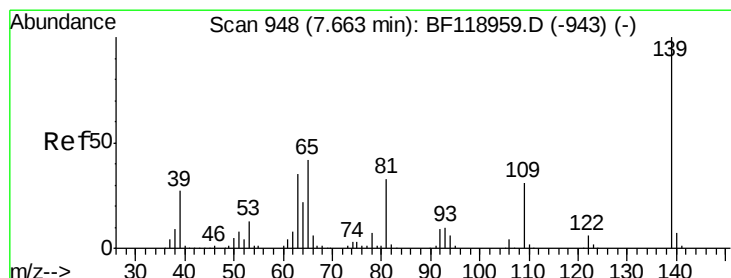
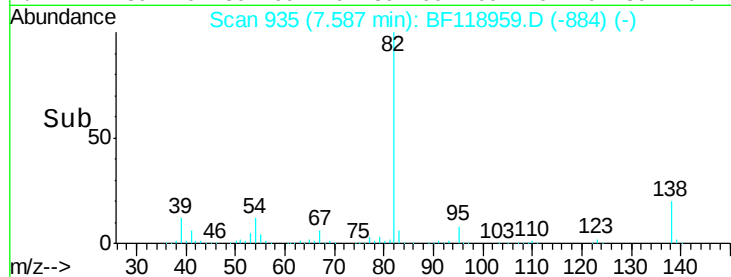
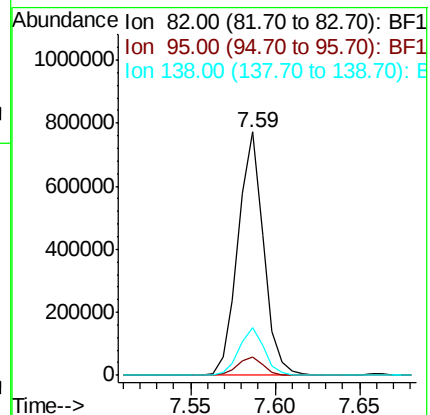
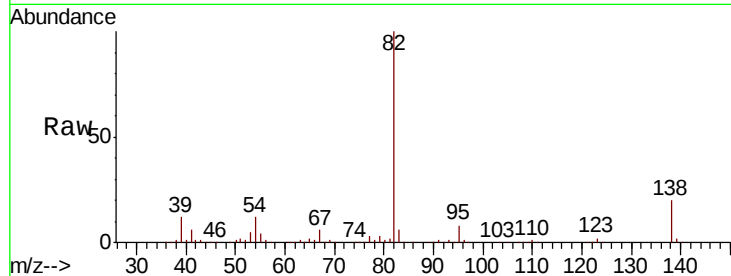
Tot Ion: 82 Resp: 810746

Ion Ratio Lower Upper

82 100

95 7.6 6.1 9.1

138 19.7 15.8 23.6



#26

2-Nitrophenol

Concen: 38.620 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

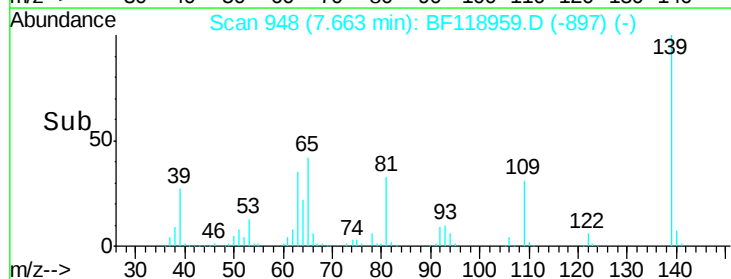
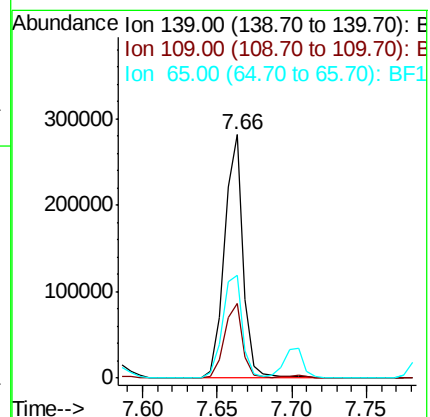
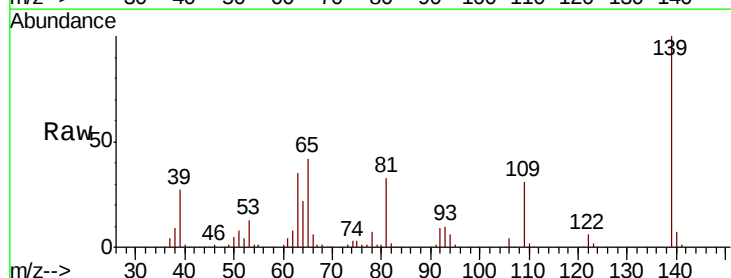
Tgt Ion: 139 Resp: 248145

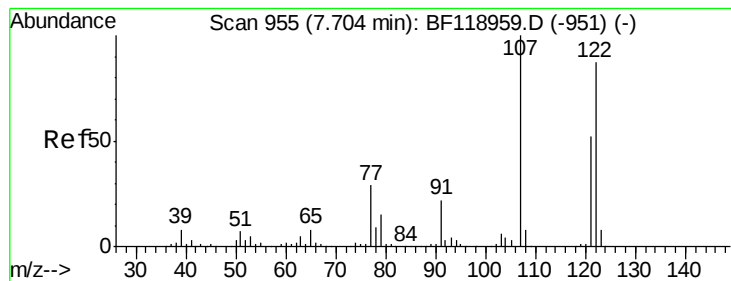
Ion Ratio Lower Upper

139 100

109 30.7 24.6 36.8

65 42.0 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 39.093 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

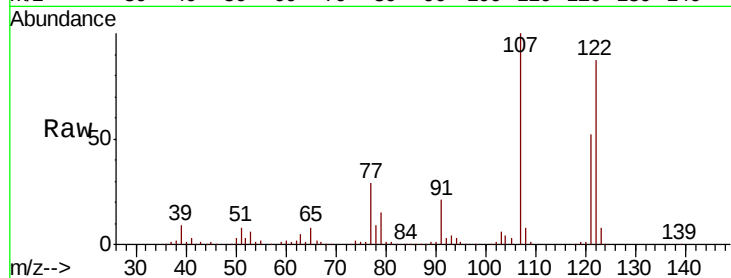
Tot Ion:122 Resp: 336166

Ion Ratio Lower Upper

122 100

107 114.8 91.8 137.8

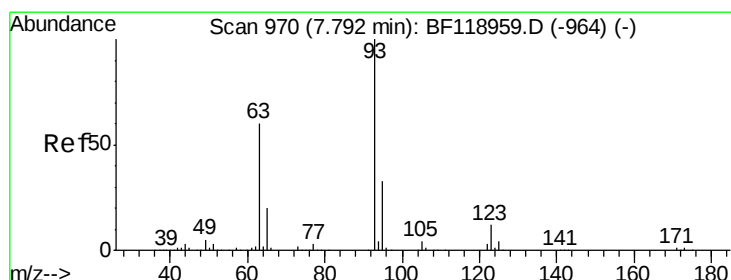
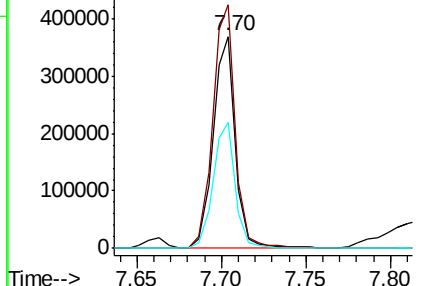
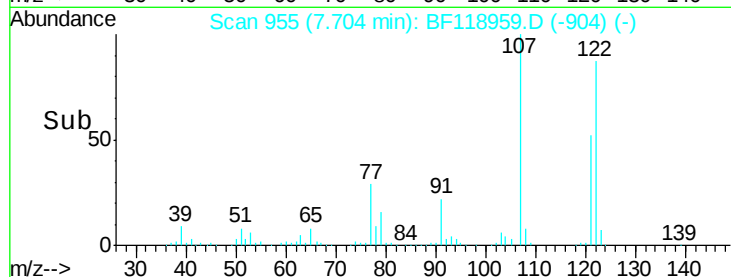
121 59.2 47.4 71.0



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: 38.417 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

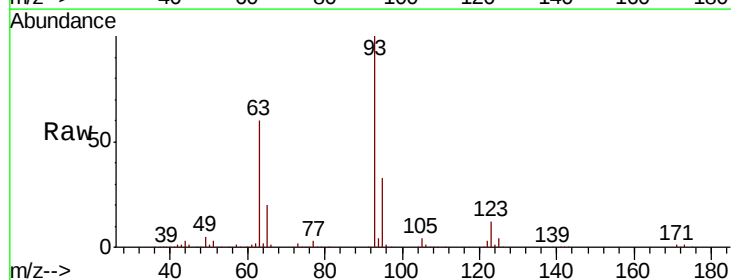
Tgt Ion: 93 Resp: 534664

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

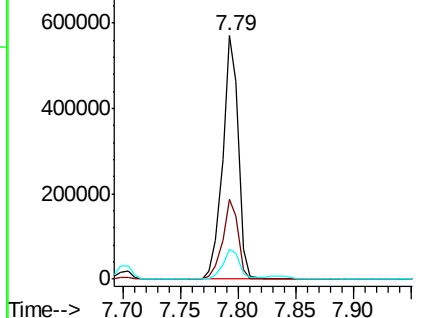
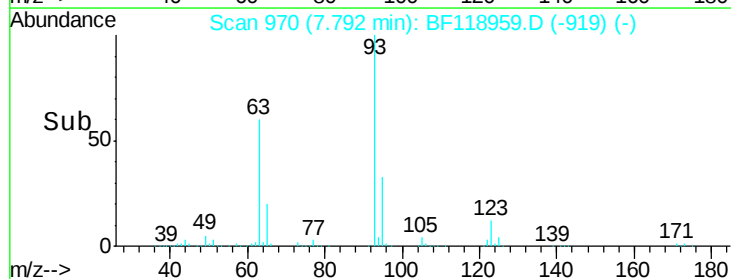
123 12.3 9.8 14.8

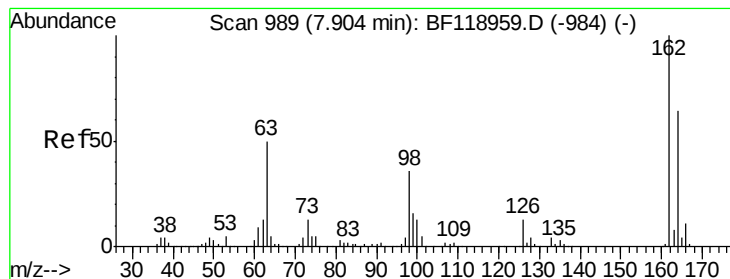


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

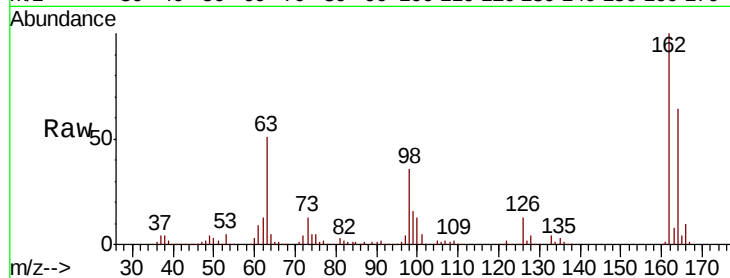




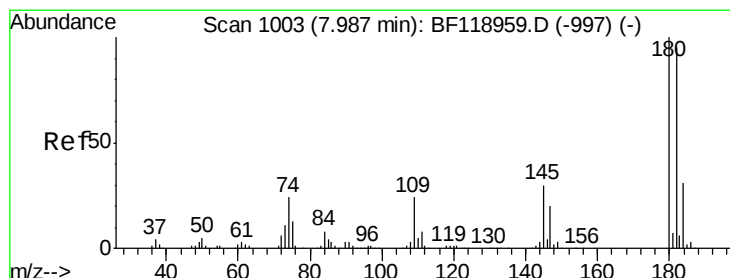
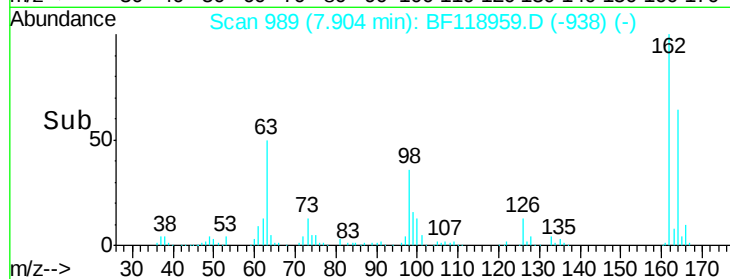
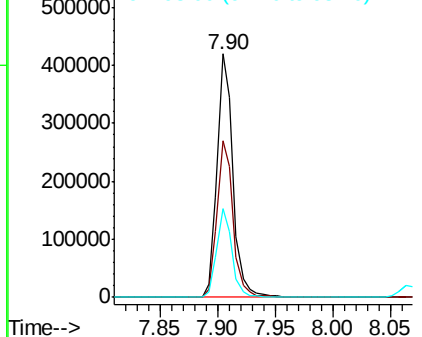
#29
 2,4-Dichlorophenol
 Concen: 39.127 ng
 RT: 7.90 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.1	84.1
98	36.4	16.4	56.4

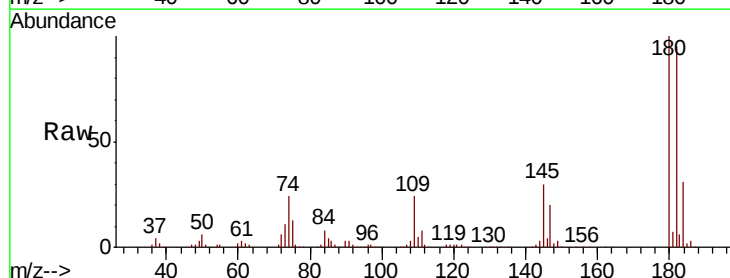


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

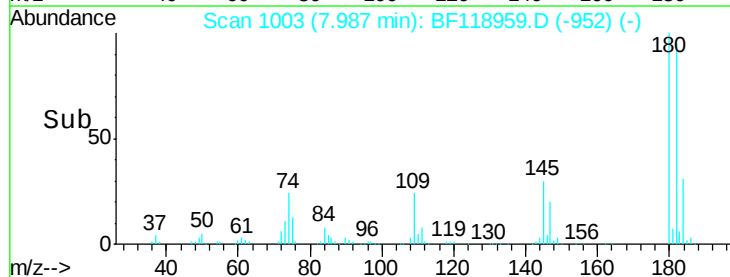
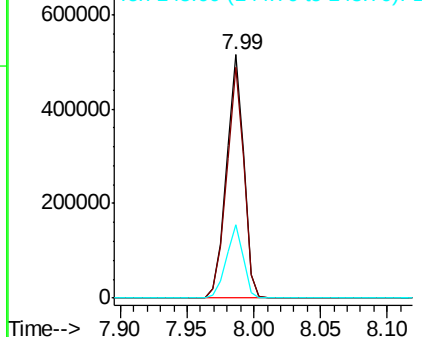


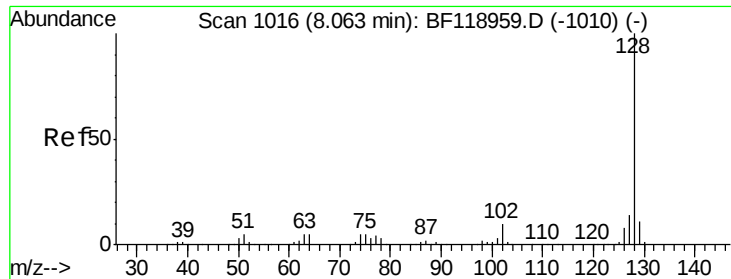
#30
 1,2,4-Trichlorobenzene
 Concen: 39.403 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.8
145	30.2	24.2	36.2



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

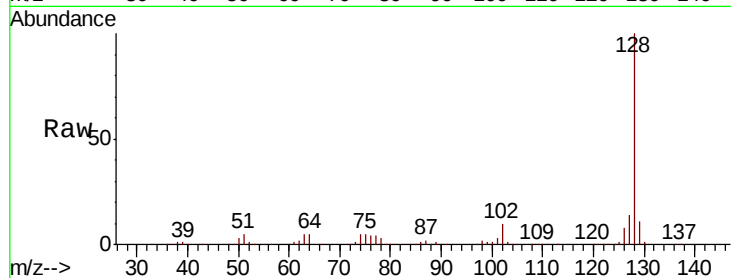




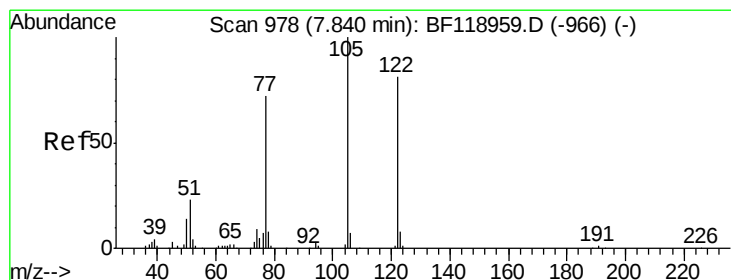
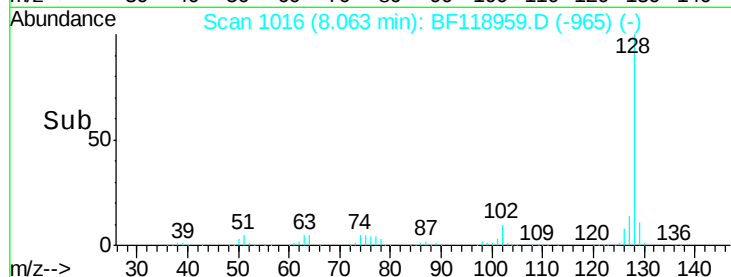
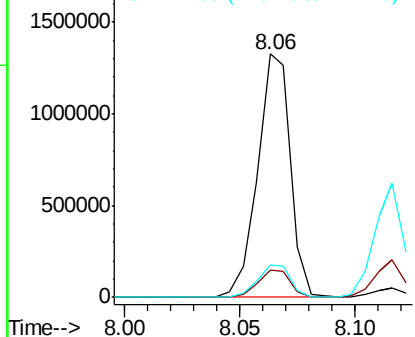
#31
Naphthalene
Concen: 39.178 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:128 Resp: 1312037
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.6 10.9 16.3

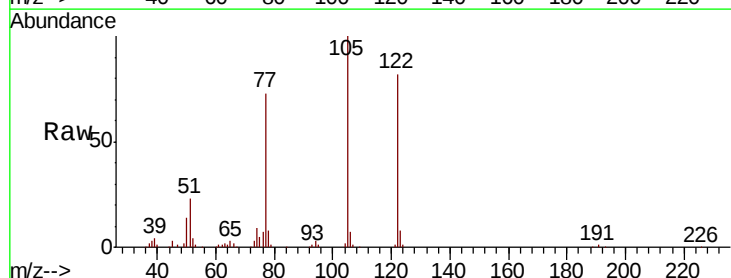


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

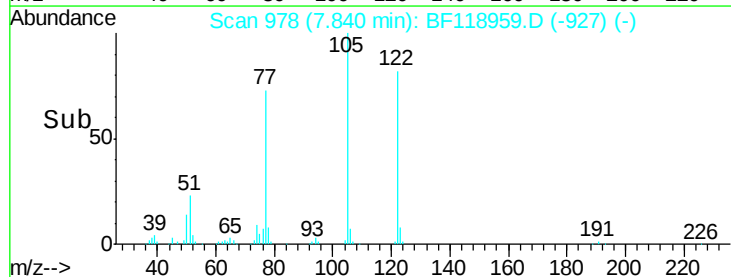
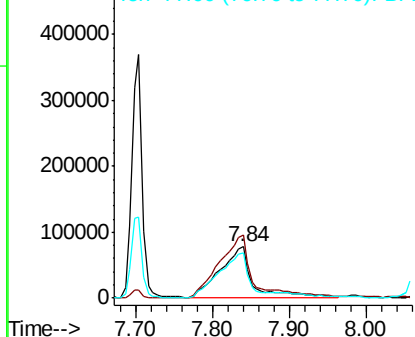


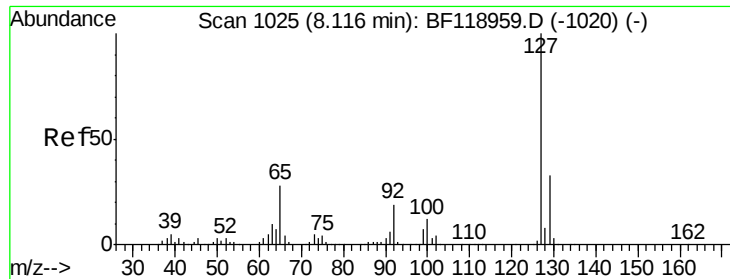
#32
Benzoic acid
Concen: 36.431 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion:122 Resp: 226308
Ion Ratio Lower Upper
122 100
105 122.2 102.2 142.2
77 88.6 68.6 108.6



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

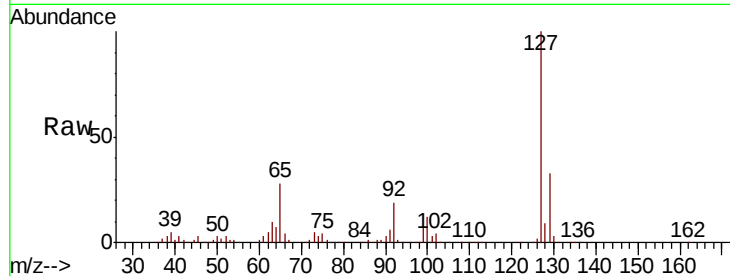




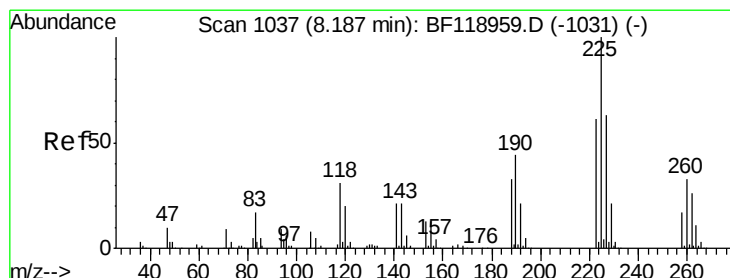
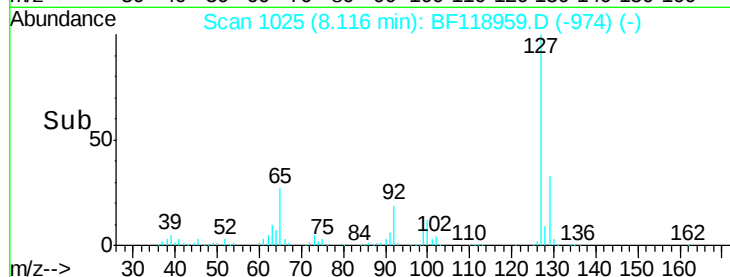
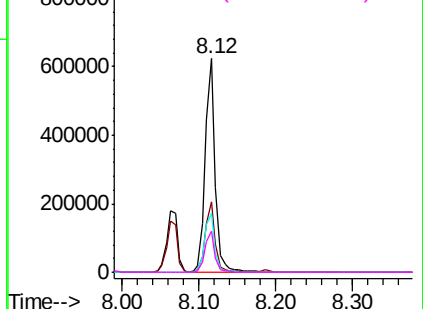
#33
4-Chloroaniline
Concen: 39.370 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:127	Resp:	564468
Ion	Ratio	Lower Upper
127	100	
129	32.7	26.2 39.2
65	27.5	22.0 33.0
92	19.4	15.5 23.3

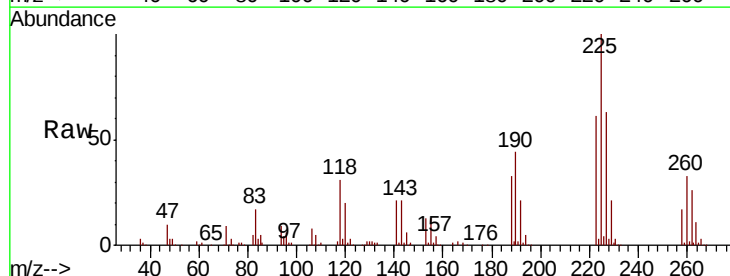


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

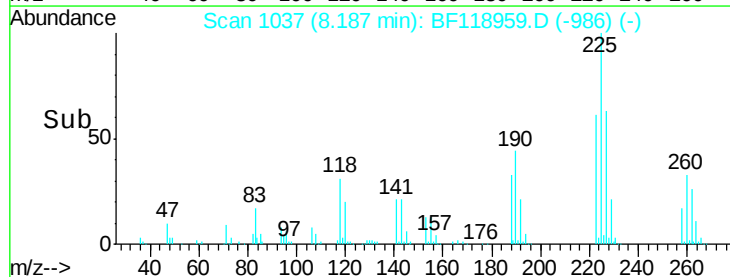
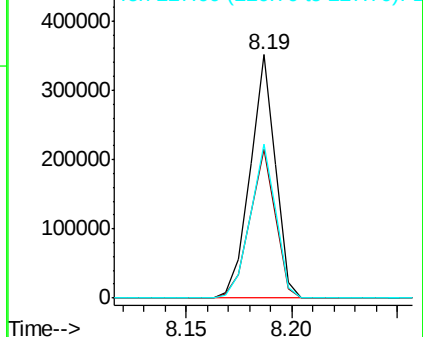


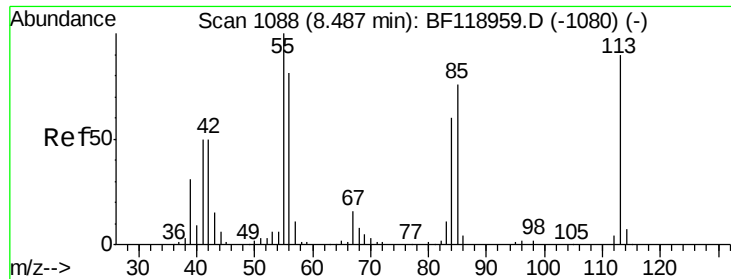
#34
Hexachlorobutadiene
Concen: 39.233 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion:225	Resp:	292044
Ion	Ratio	Lower Upper
225	100	
223	61.1	48.9 73.3
227	63.0	50.4 75.6



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

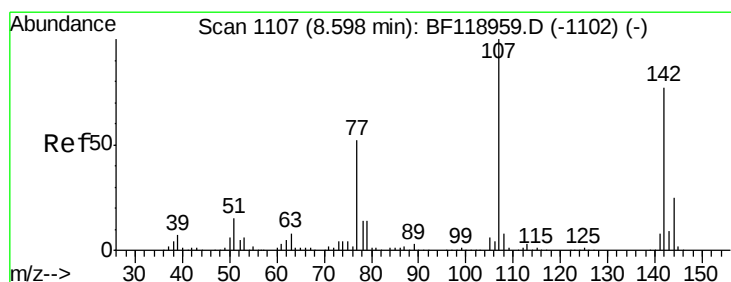
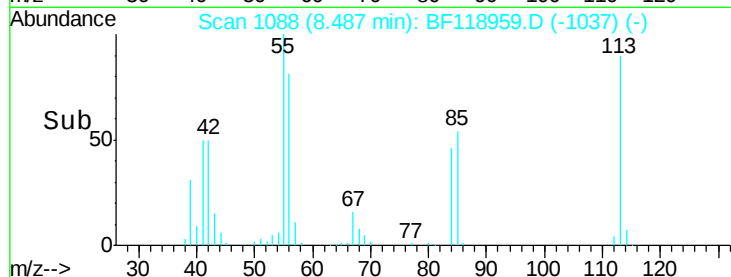
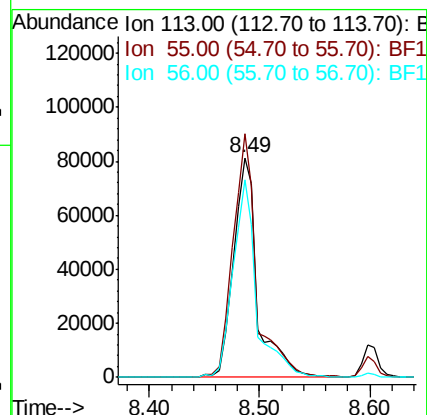
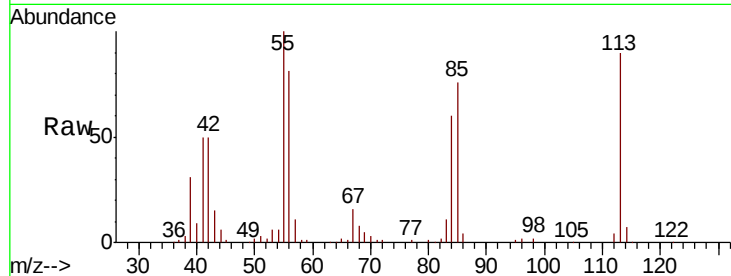




#35
Caprolactam
Concen: 40.029 ng
RT: 8.49 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

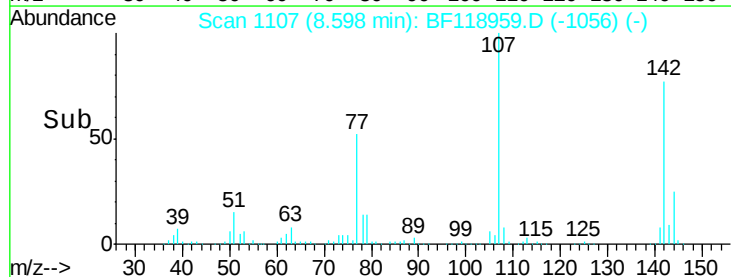
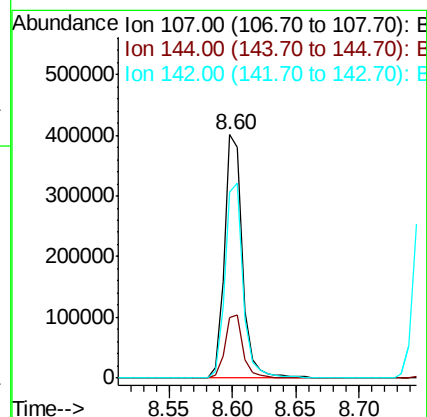
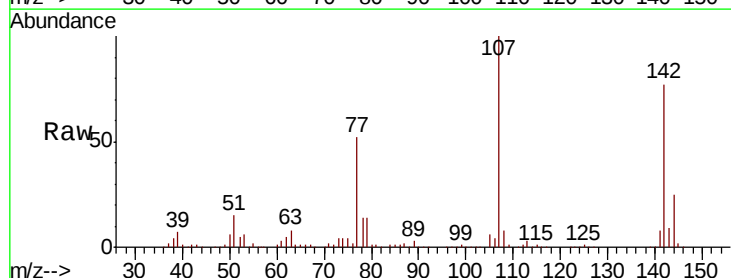
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

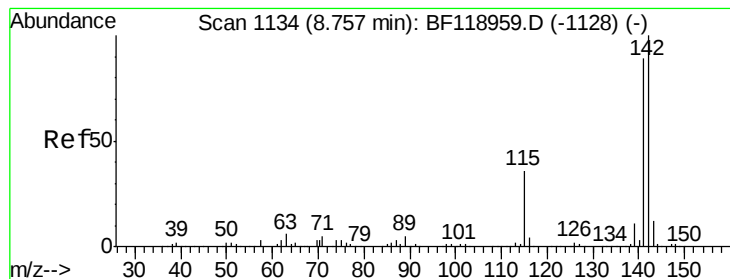
Tot Ion:113 Resp: 124204
Ion Ratio Lower Upper
113 100
55 110.8 90.8 130.8
56 90.0 70.0 110.0



#36
4-Chloro-3-methylphenol
Concen: 39.371 ng
RT: 8.60 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion:107 Resp: 403467
Ion Ratio Lower Upper
107 100
144 24.8 19.8 29.8
142 76.6 61.3 91.9





#37

2-Methylnaphthalene

Concen: 39.268 ng

RT: 8.76 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

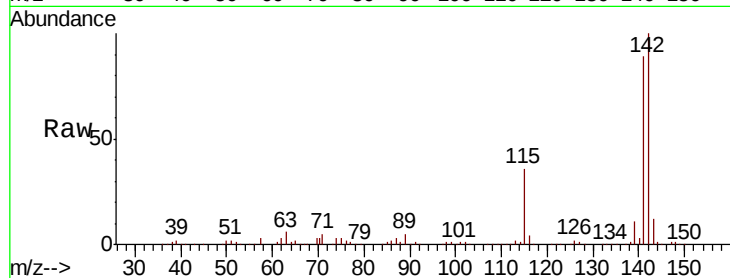
Tot Ion:142 Resp: 877230

Ion Ratio Lower Upper

142 100

141 88.7 71.0 106.4

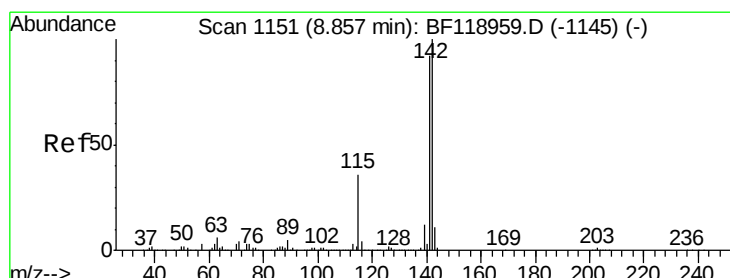
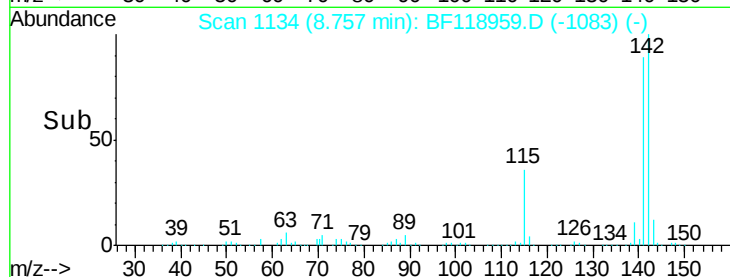
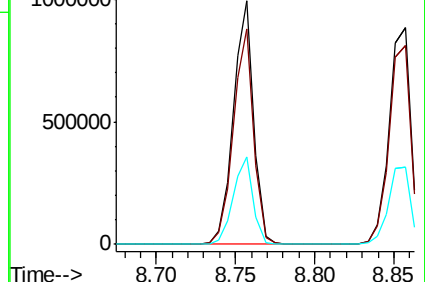
115 35.7 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.679 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

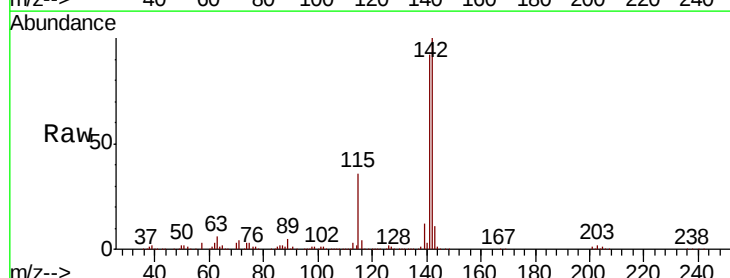
Tgt Ion:142 Resp: 831236

Ion Ratio Lower Upper

142 100

141 92.1 73.7 110.5

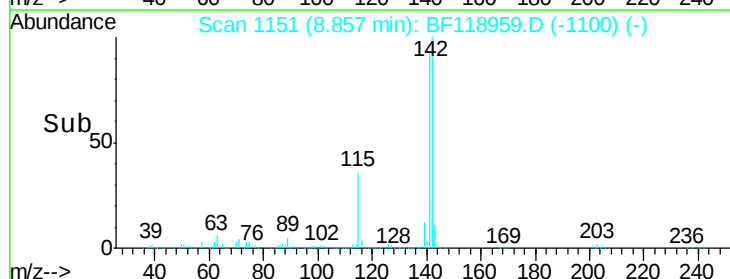
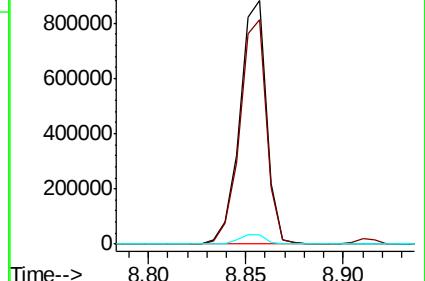
116 3.8 3.0 4.6

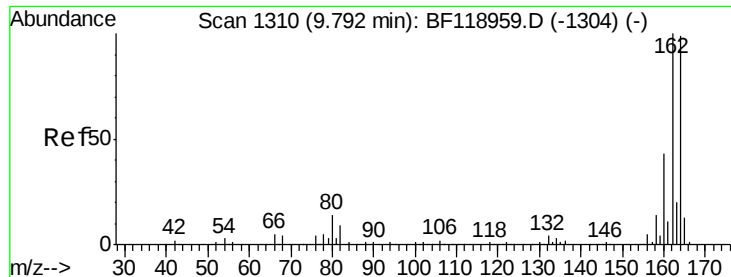


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

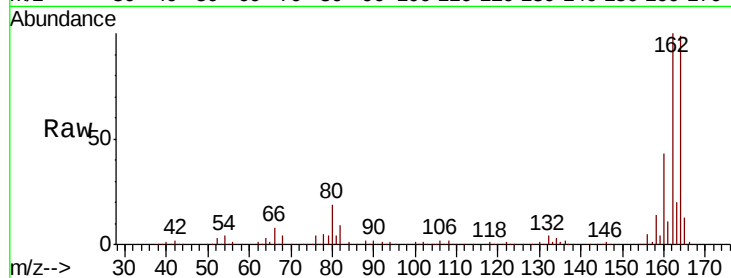
Tot Ion:164 Resp: 365617

Ion Ratio Lower Upper

164 100

162 101.5 81.2 121.8

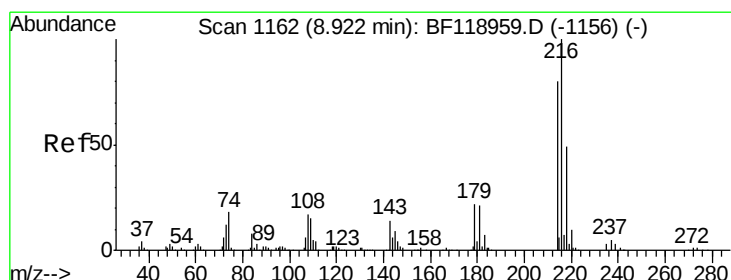
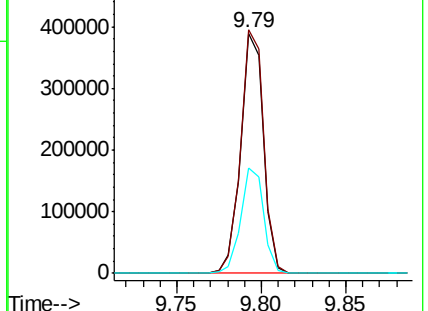
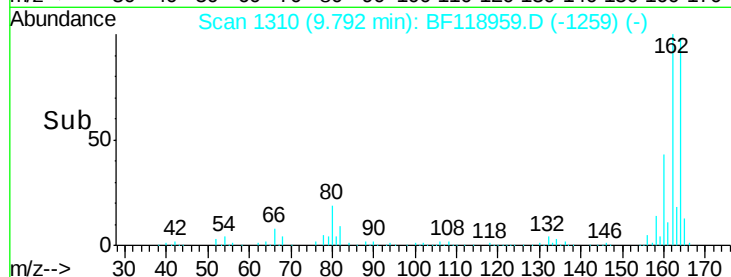
160 44.0 35.2 52.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.338 ng

RT: 8.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Tgt Ion:216 Resp: 461417

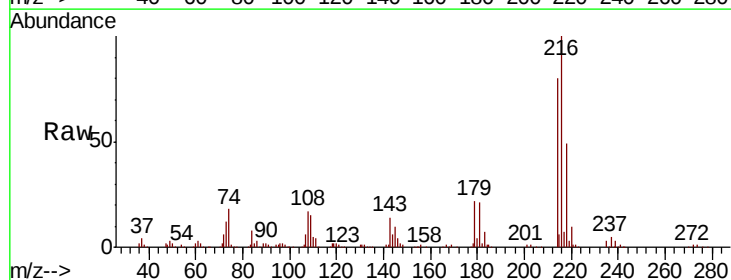
Ion Ratio Lower Upper

216 100

214 78.9 63.1 94.7

179 21.5 17.2 25.8

108 16.7 13.4 20.0

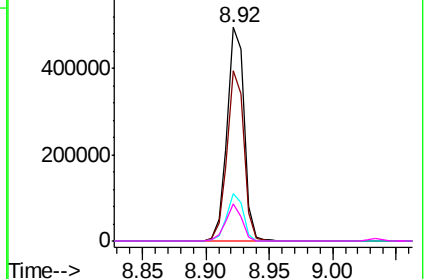
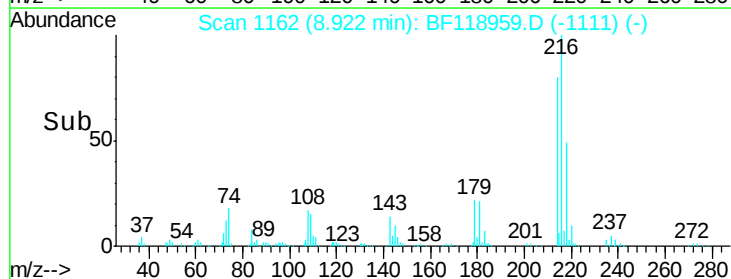


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.335 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

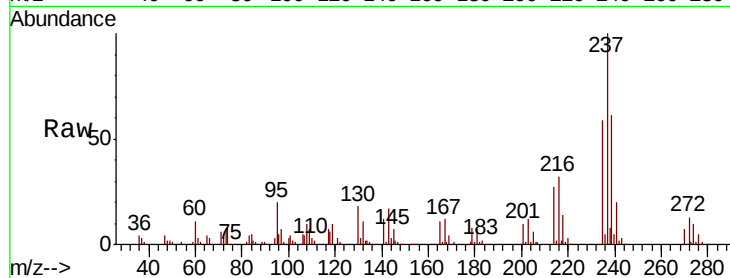
Tot Ion:237 Resp: 134921

Ion Ratio Lower Upper

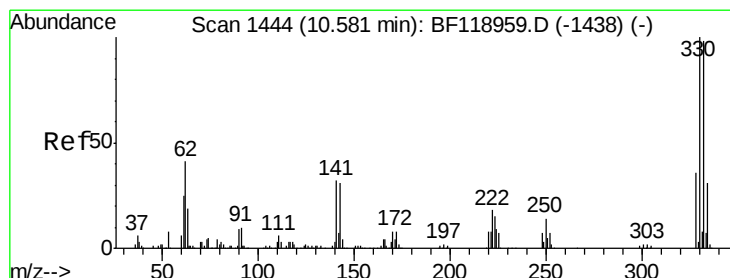
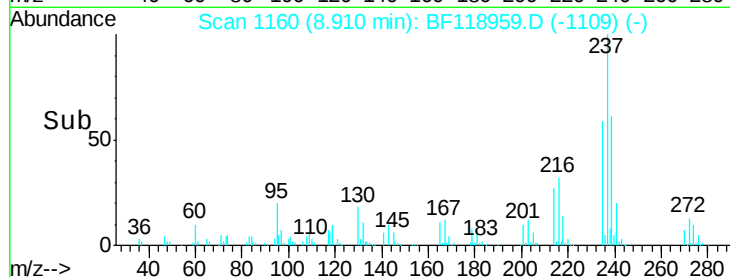
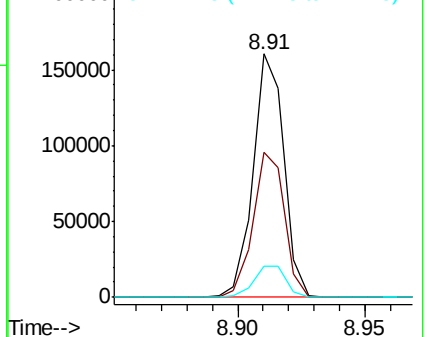
237 100

235 59.4 39.4 79.4

272 12.6 0.0 32.6



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: 79.238 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

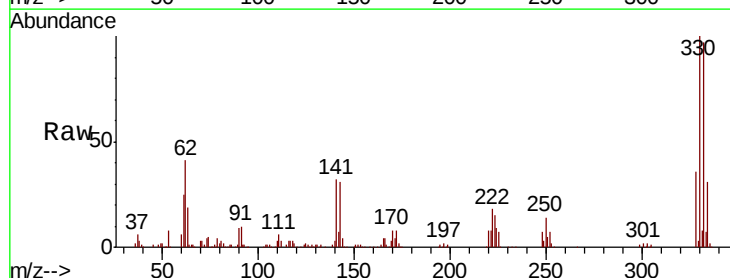
Tgt Ion:330 Resp: 358898

Ion Ratio Lower Upper

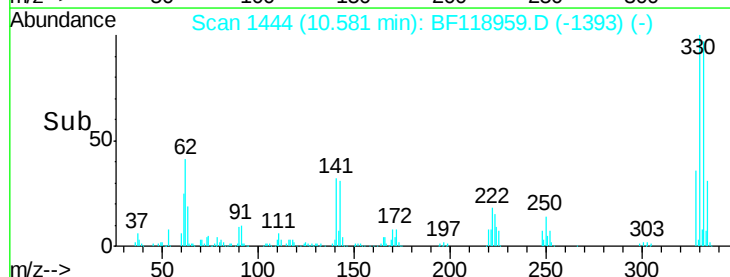
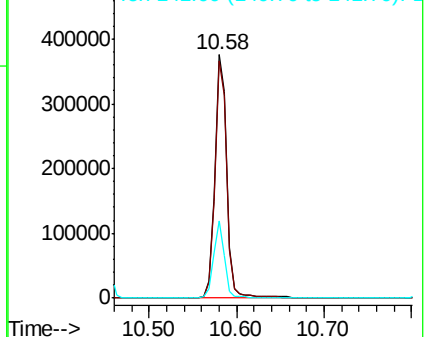
330 100

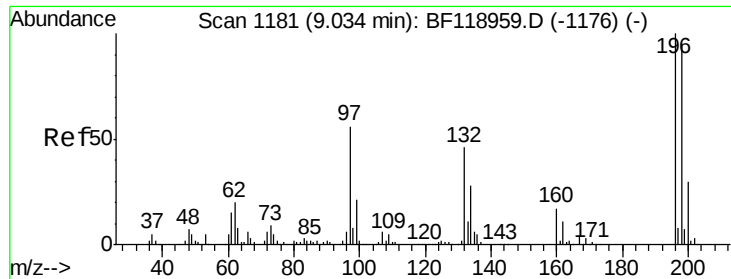
332 96.4 77.1 115.7

141 28.8 23.0 34.6



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

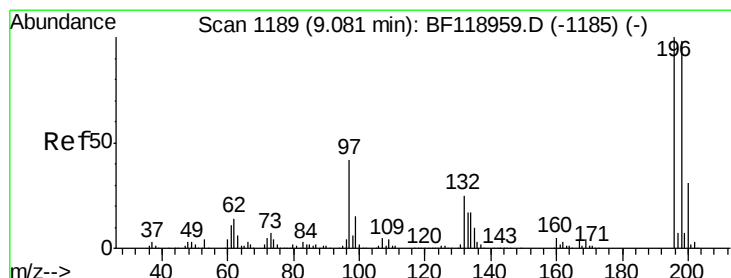
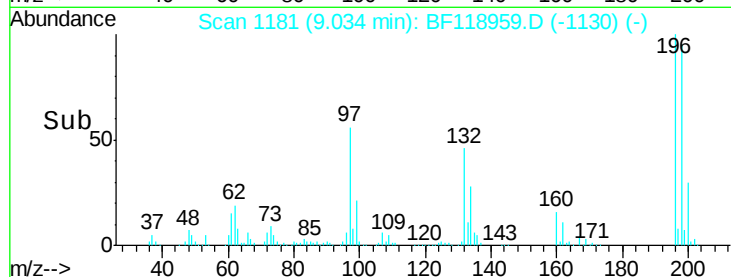
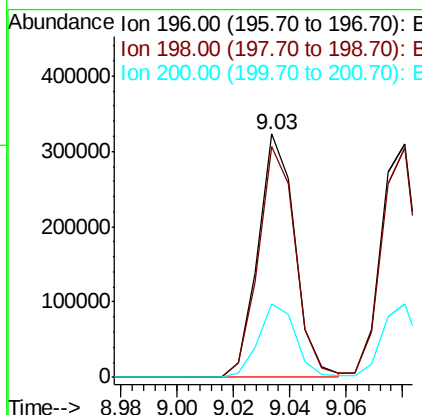
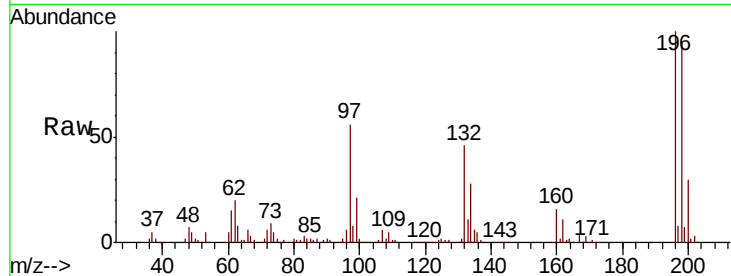




#43
 2,4,6-Trichlorophenol
 Concen: 37.705 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

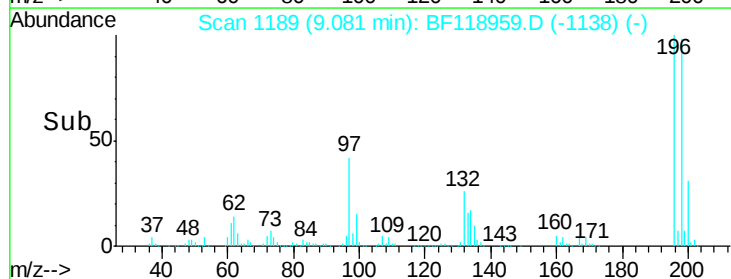
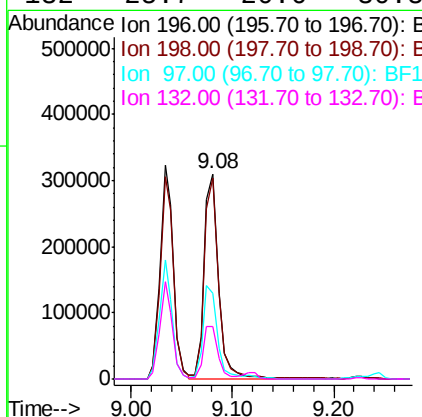
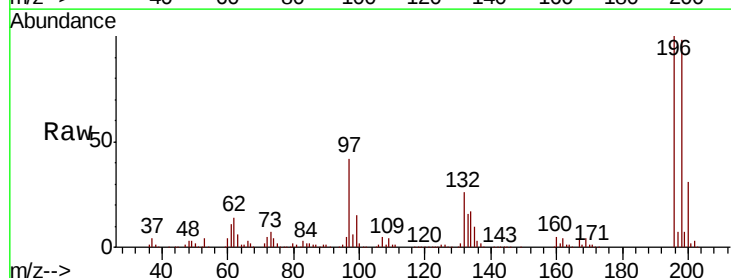
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

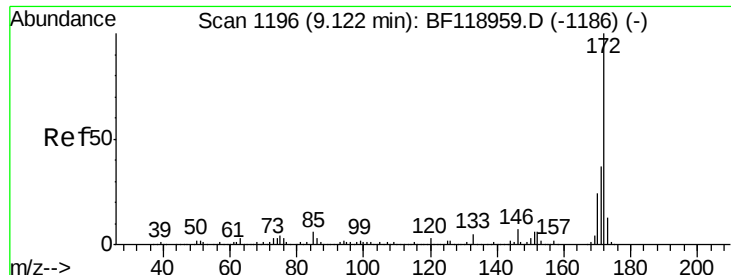
Tot Ion	196	Resp	291859
Ion Ratio	Lower	Upper	
196	100		
198	94.7	75.8	113.6
200	30.1	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 38.407 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

Tgt Ion	196	Resp	308243
Ion Ratio	Lower	Upper	
196	100		
198	98.0	78.4	117.6
97	41.7	33.4	50.0
132	25.7	20.6	30.8

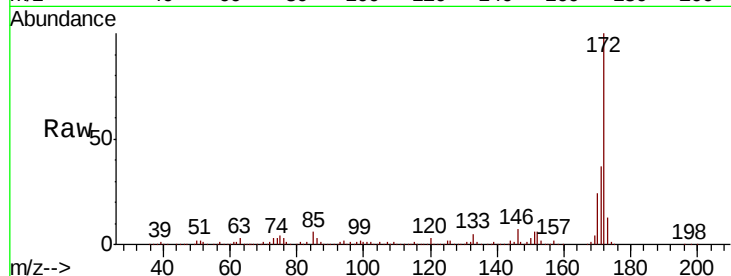




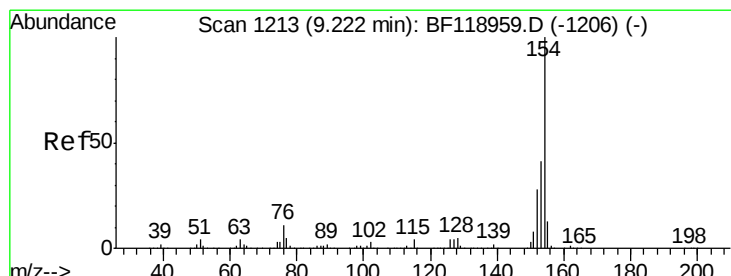
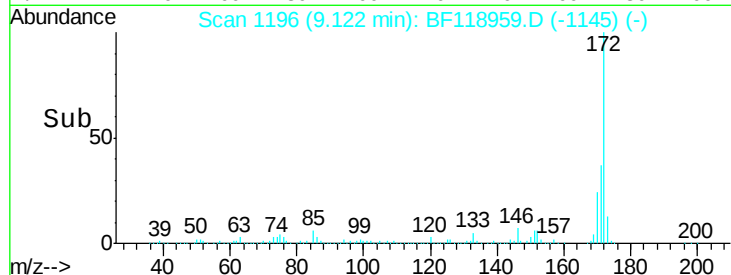
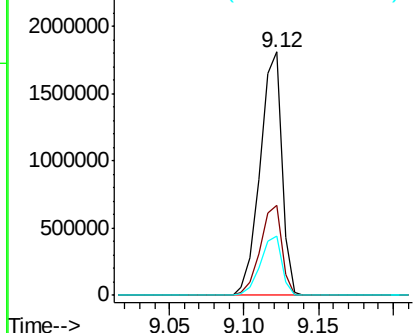
#45
2-Fluorobiphenyl
Concen: 80.110 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:172 Resp: 1813281
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.2
170 24.5 19.6 29.4

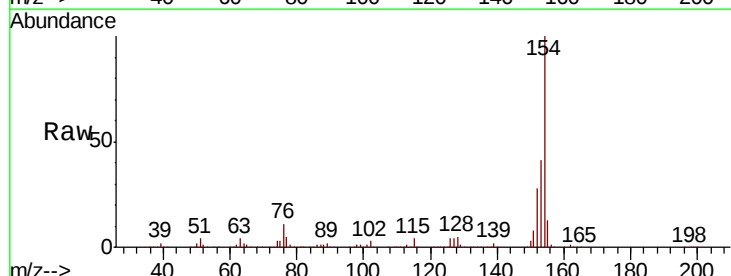


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

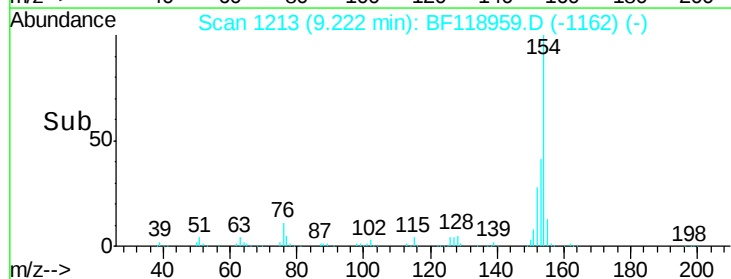
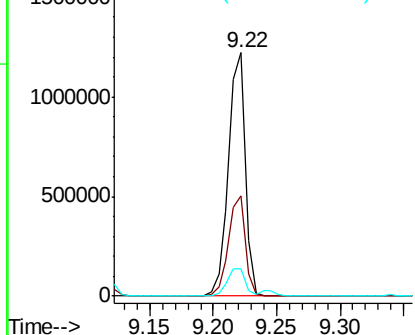


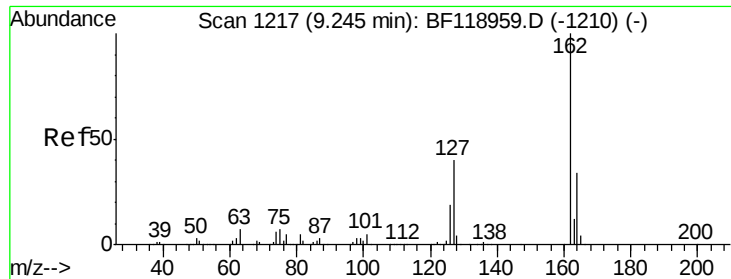
#46
1,1'-Biphenyl
Concen: 39.856 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion:154 Resp: 1120275
Ion Ratio Lower Upper
154 100
153 41.2 21.2 61.2
76 11.1 0.0 31.1



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

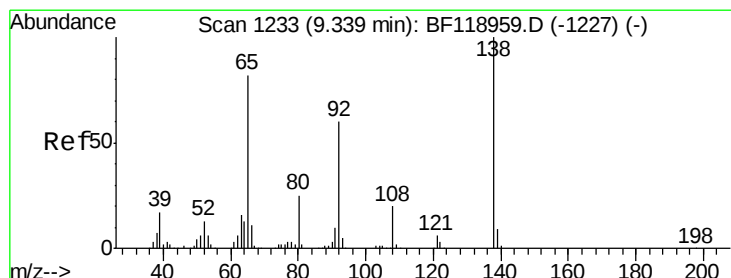
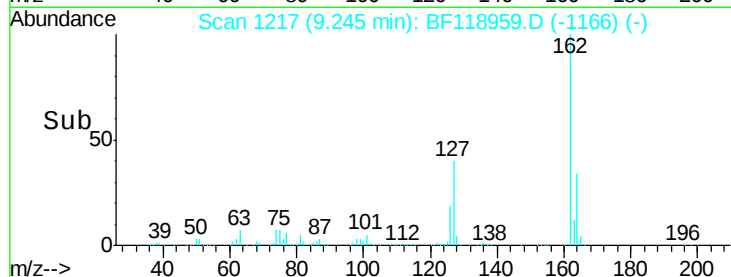
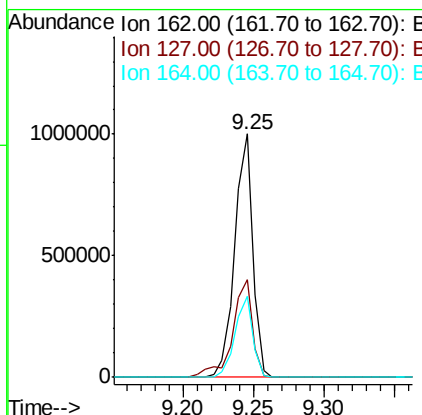
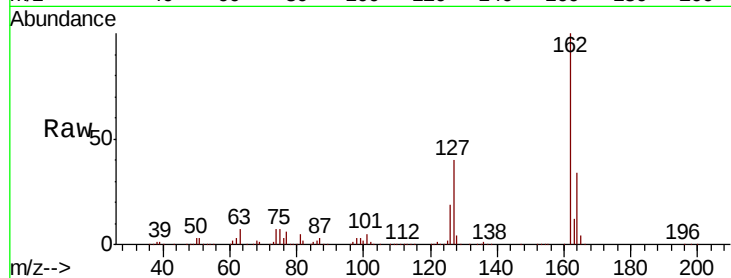




#47
 2-Chloronaphthalene
 Concen: 38.328 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

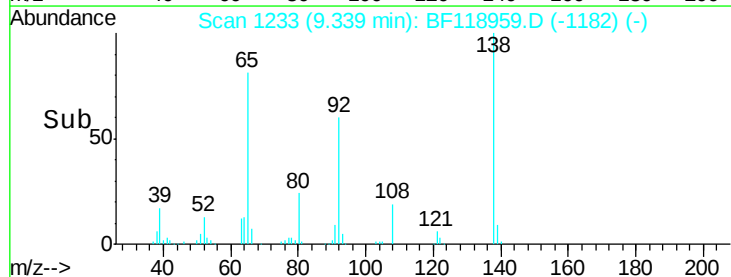
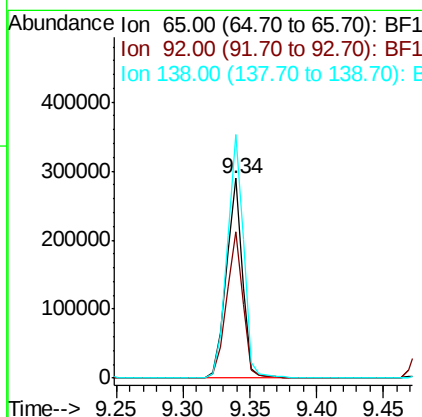
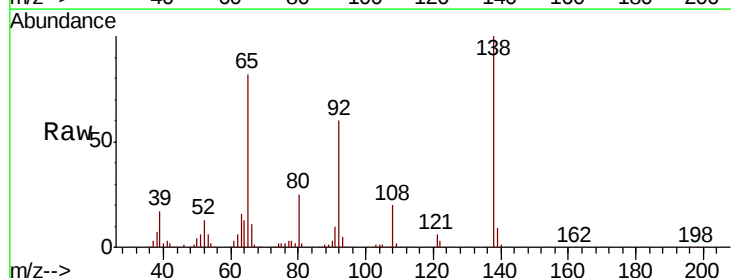
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

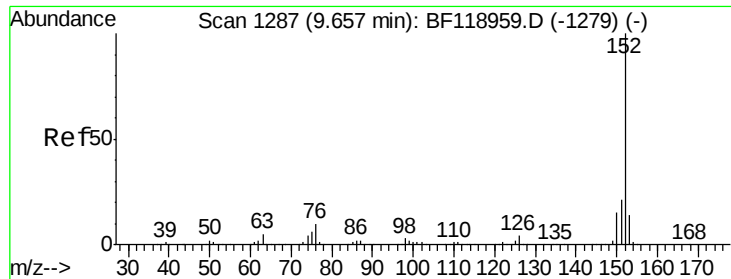
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.9	47.9
164	33.5	26.8	40.2



#48
 2-Nitroaniline
 Concen: 38.306 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	58.6	87.8
138	121.9	97.5	146.3





#49

Acenaphthylene

Concen: 39.139 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

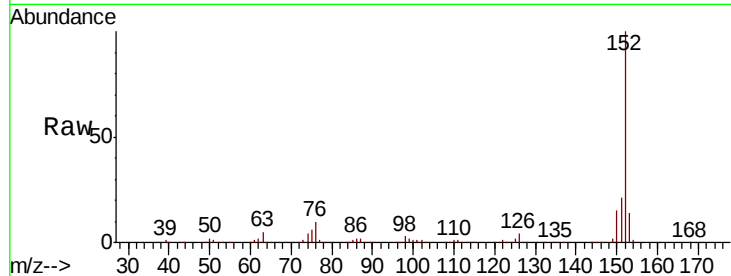
Tot Ion:152 Resp: 1303602

Ion Ratio Lower Upper

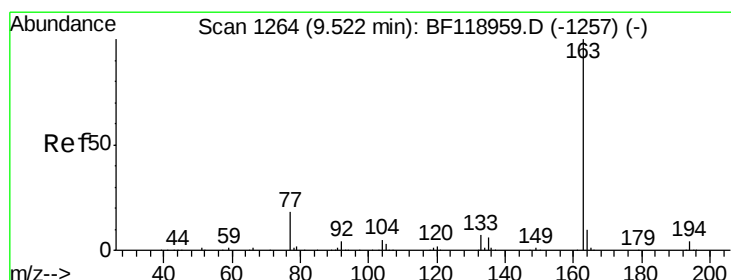
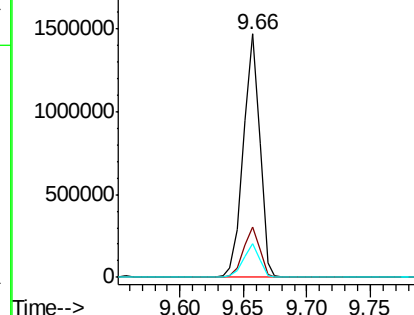
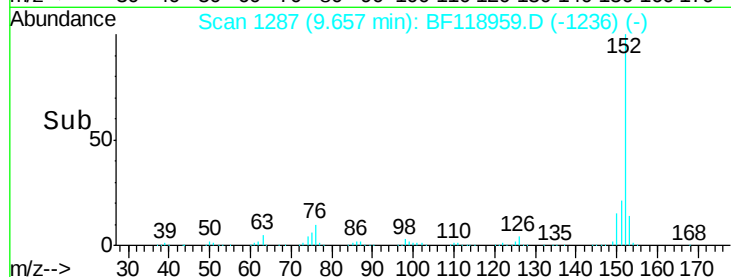
152 100

151 20.9 16.7 25.1

153 13.6 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
2000000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.531 ng

RT: 9.52 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

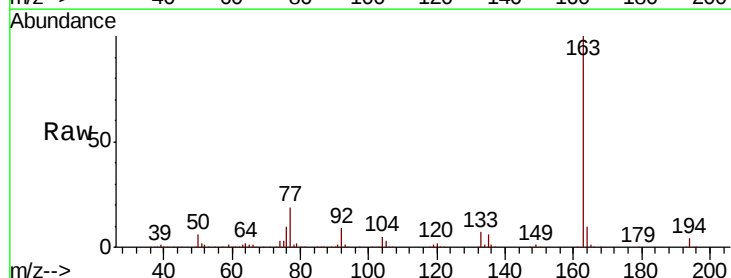
Tgt Ion:163 Resp: 1035991

Ion Ratio Lower Upper

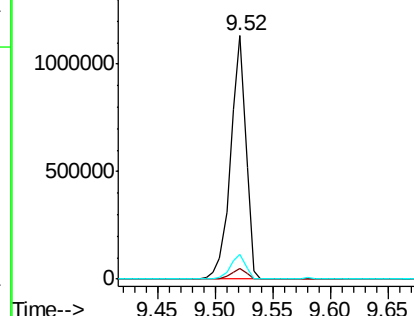
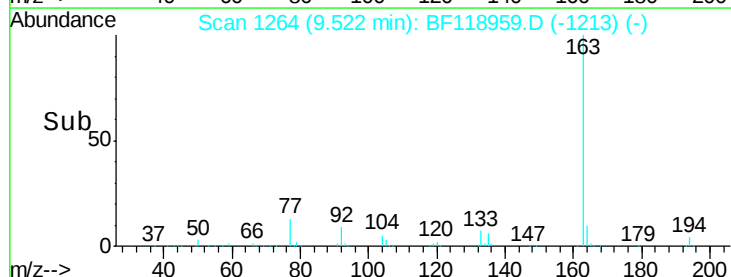
163 100

194 4.3 3.4 5.2

164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
1500000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

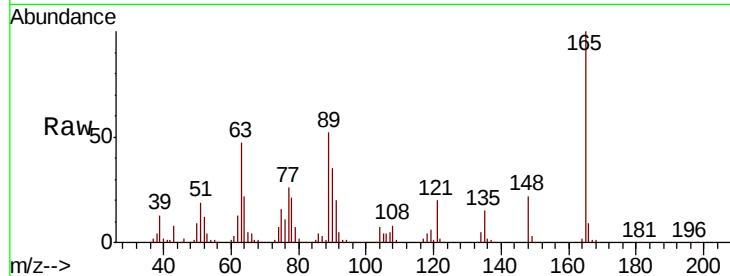




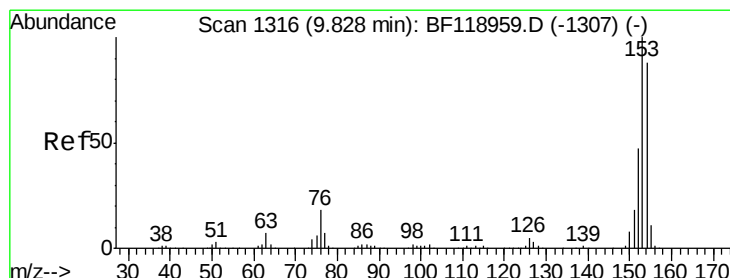
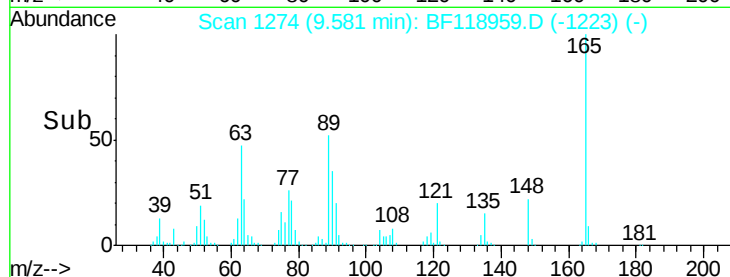
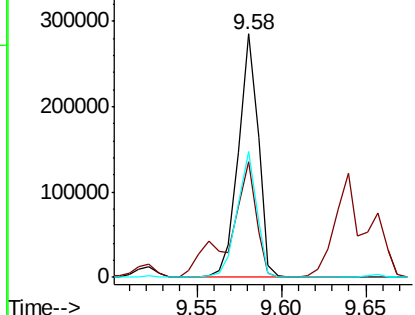
#51
2,6-Dinitrotoluene
Concen: 37.769 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:165 Resp: 232864
Ion Ratio Lower Upper
165 100
63 47.4 37.9 56.9
89 51.7 41.4 62.0

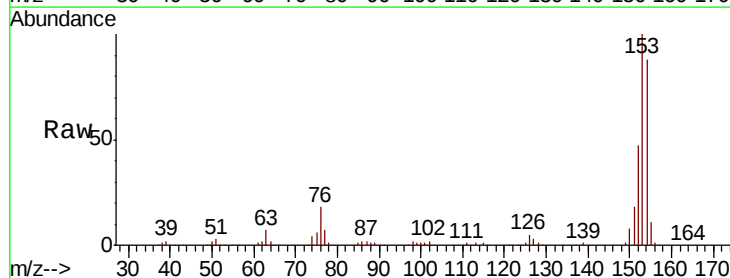


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

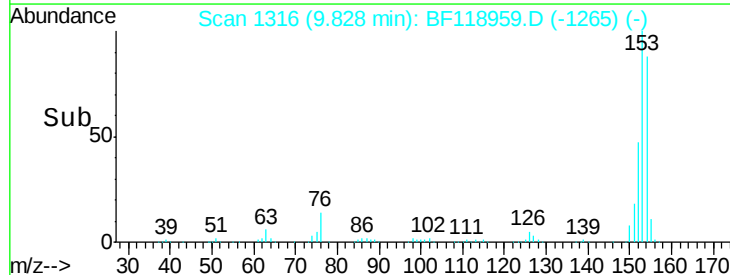
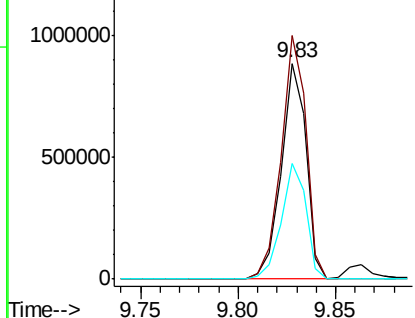


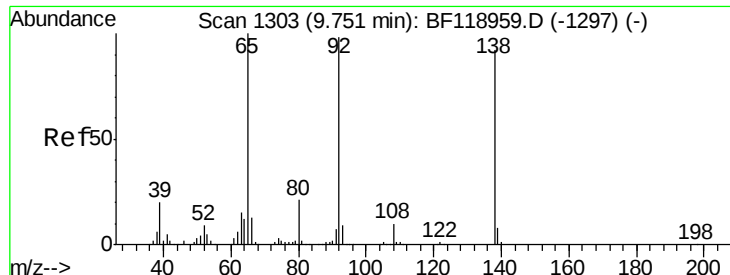
#52
Acenaphthene
Concen: 38.782 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion:154 Resp: 786325
Ion Ratio Lower Upper
154 100
153 113.0 90.4 135.6
152 53.6 42.9 64.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

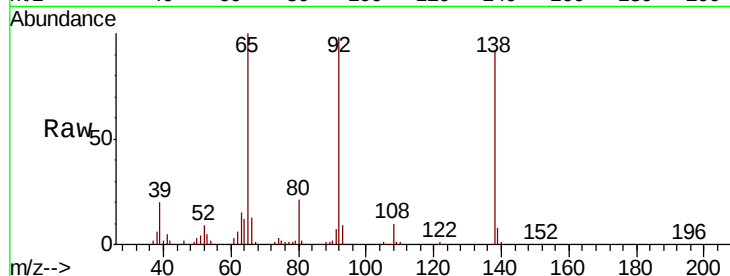




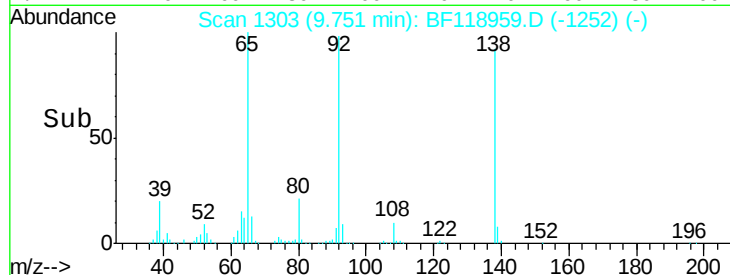
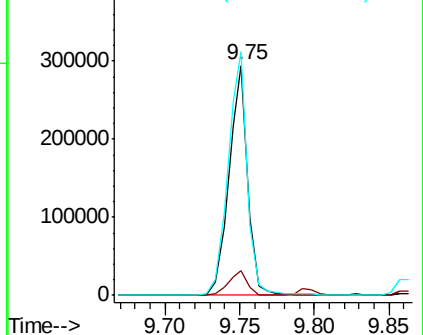
#53
3-Nitroaniline
Concen: 38.527 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:138 Resp: 261423
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 105.8 84.6 127.0

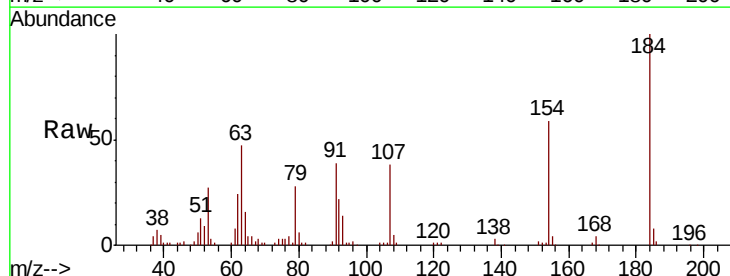


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

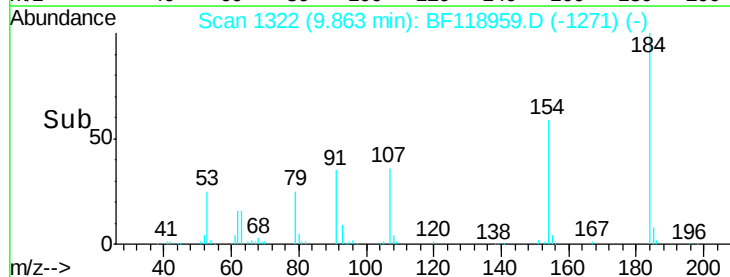
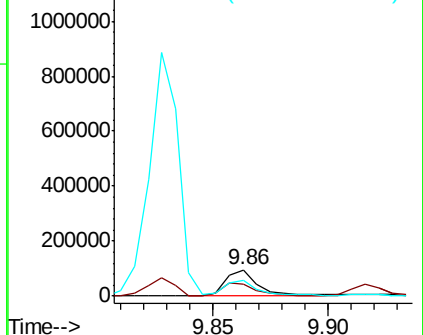


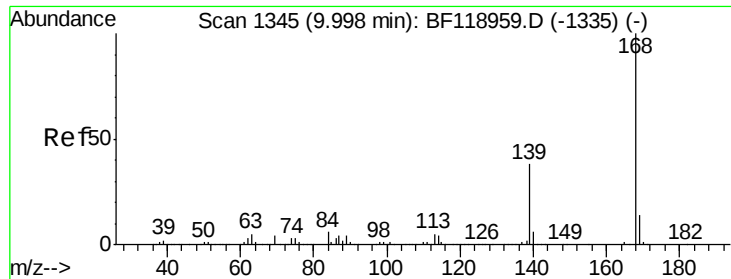
#54
2,4-Dinitrophenol
Concen: 35.664 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion:184 Resp: 97803
Ion Ratio Lower Upper
184 100
63 47.2 37.8 56.6
154 59.5 47.6 71.4



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

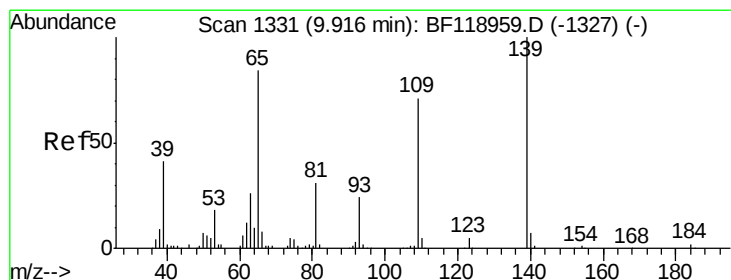
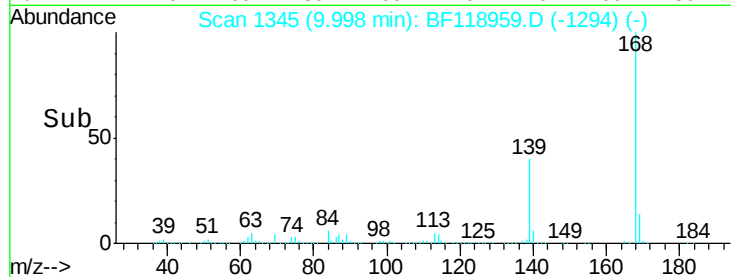
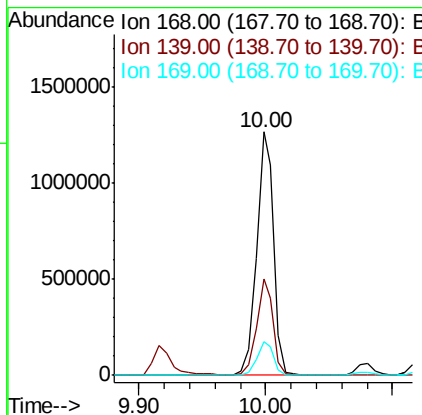
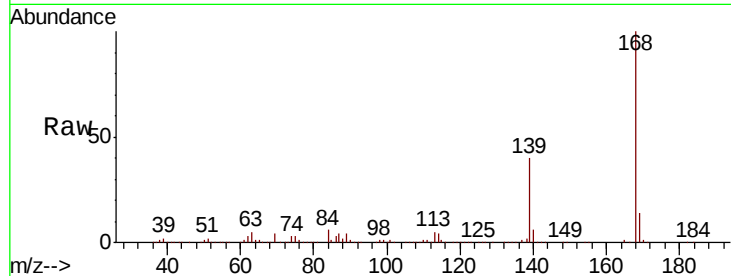




#55
Dibenzenofuran
Concen: 39.301 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

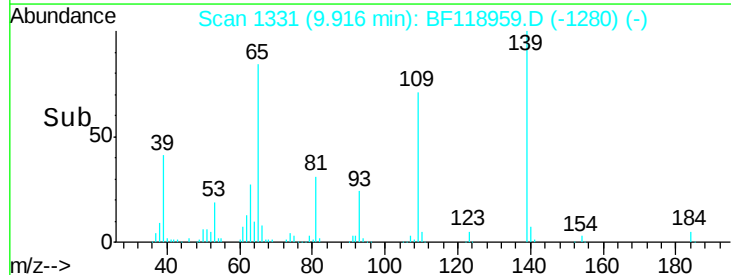
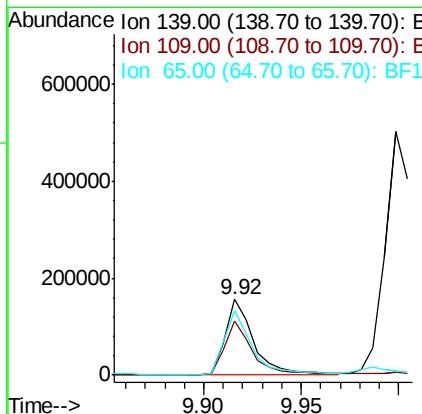
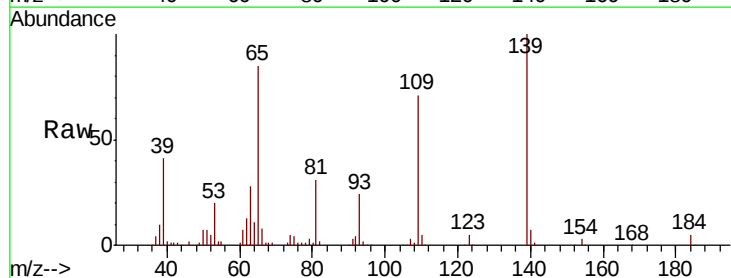
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

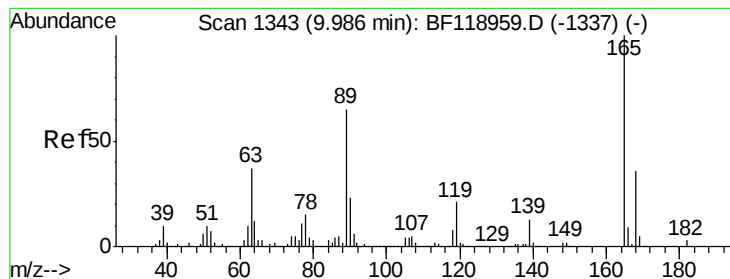
Tot Ion:168 Resp: 1189458
Ion Ratio Lower Upper
168 100
139 39.6 31.7 47.5
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 38.082 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion:139 Resp: 159184
Ion Ratio Lower Upper
139 100
109 71.1 51.1 91.1
65 84.7 64.7 104.7





#57

2,4-Dinitrotoluene

Concen: 38.775 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:165 Resp: 309255

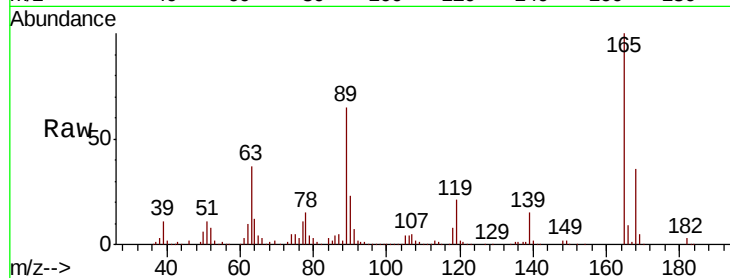
Ion Ratio Lower Upper

165 100

63 37.3 29.8 44.8

89 64.9 51.9 77.9

182 2.9 2.3 3.5

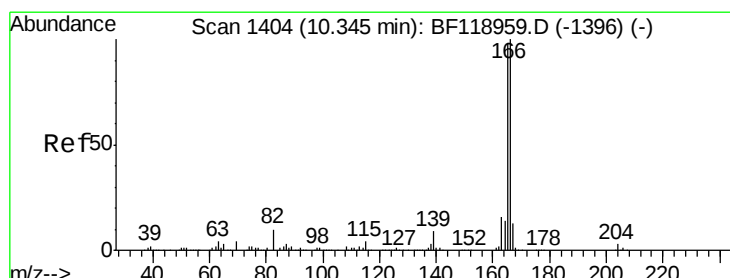
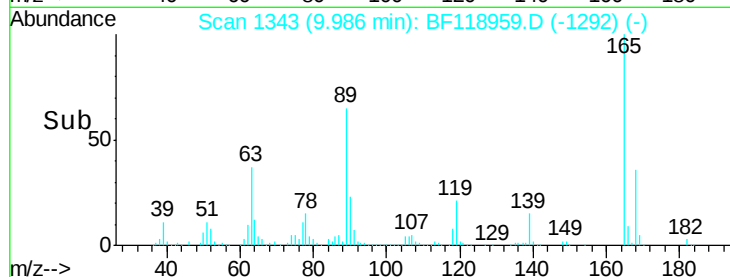
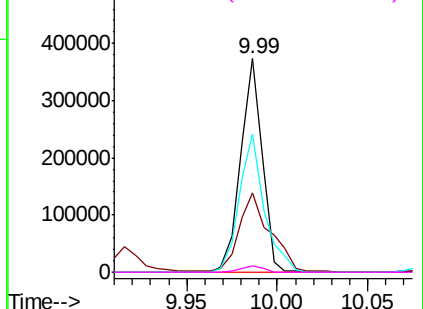


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.083 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

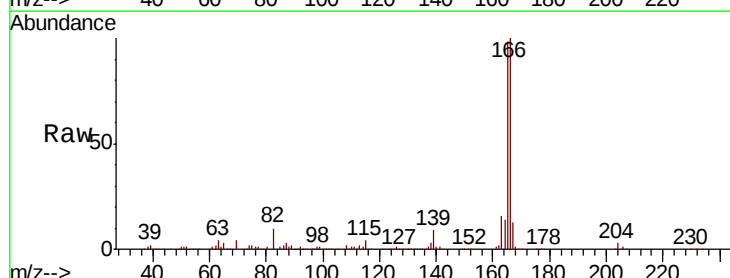
Tgt Ion:166 Resp: 916708

Ion Ratio Lower Upper

166 100

165 97.8 78.2 117.4

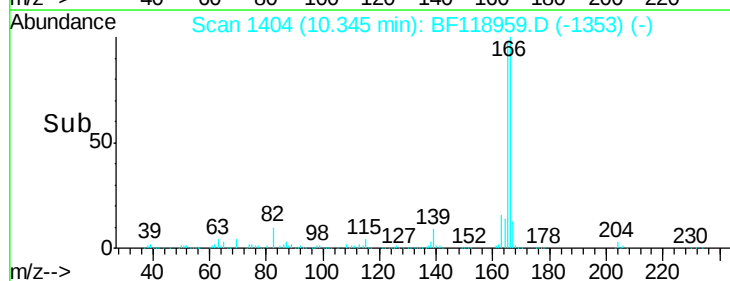
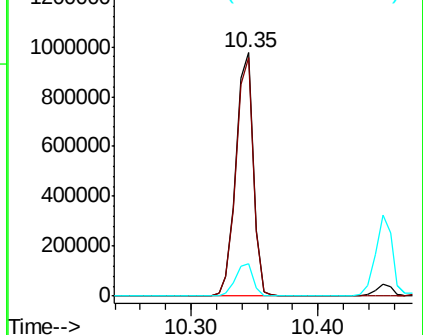
167 13.3 10.6 16.0



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

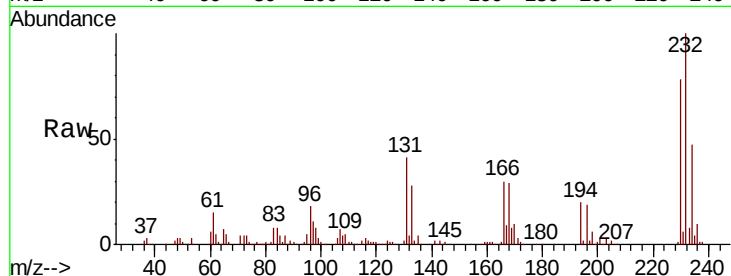




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.090 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.5	34.0	51.0
130	2.0	1.6	2.4
166	29.5	23.6	35.4



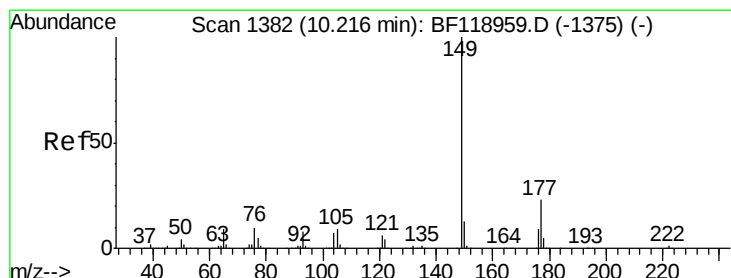
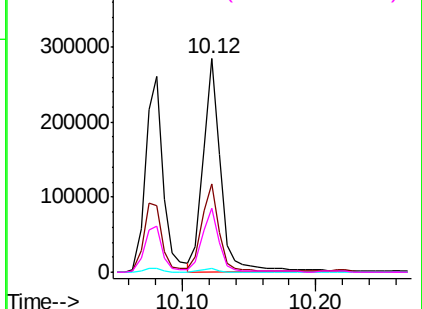
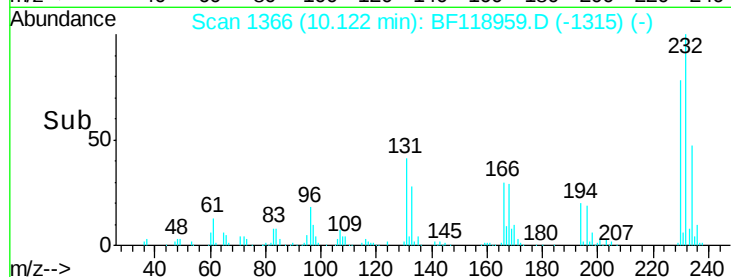
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

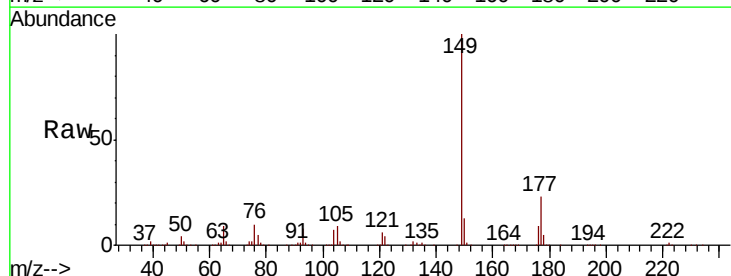
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.182 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.1	27.1
150	13.0	10.4	15.6

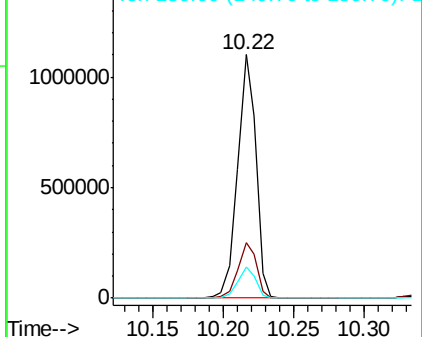
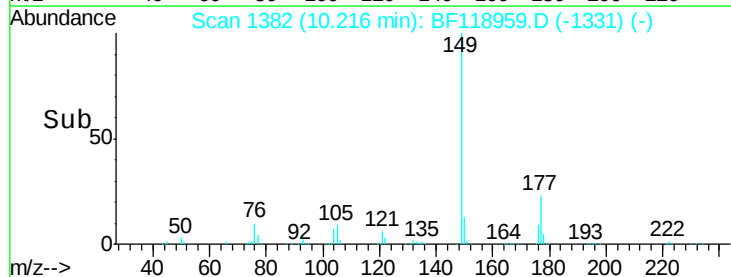


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

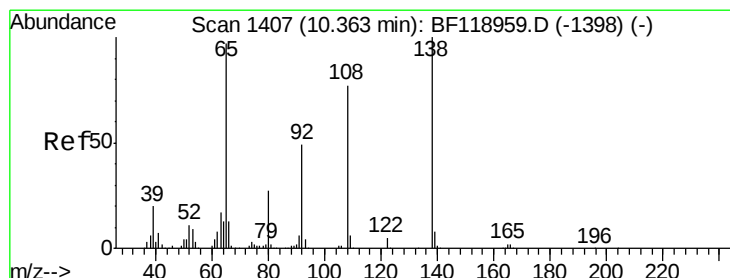
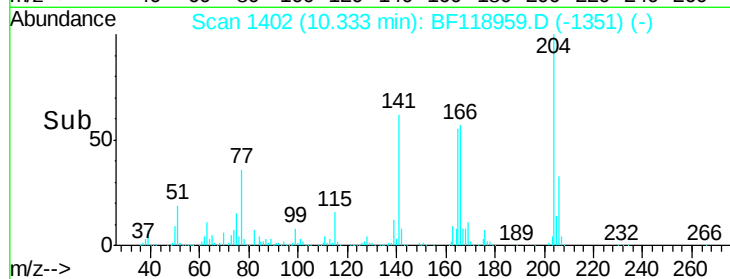
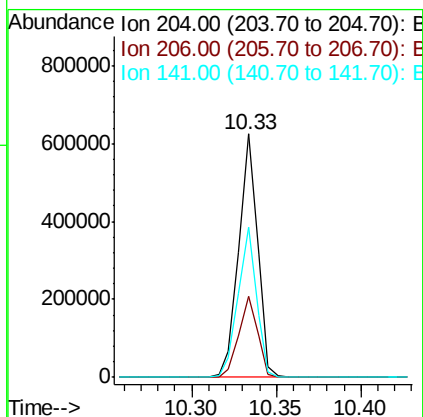
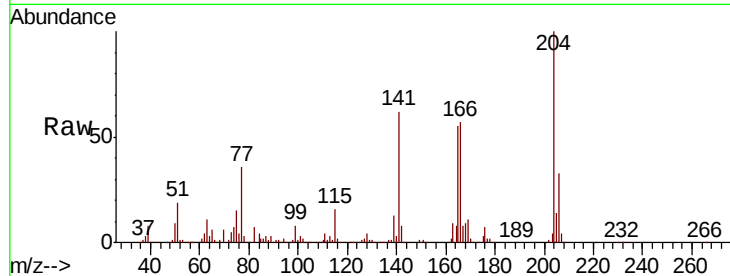




#61
4-Chlorophenyl-phenylether
Concen: 38.765 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

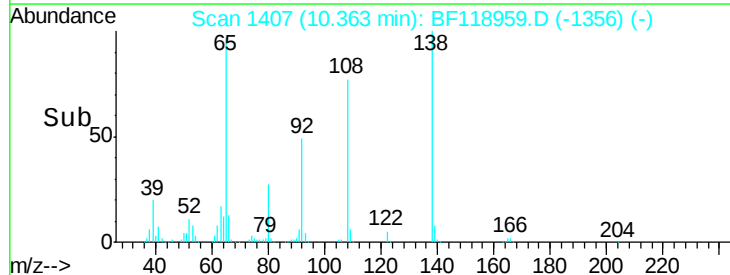
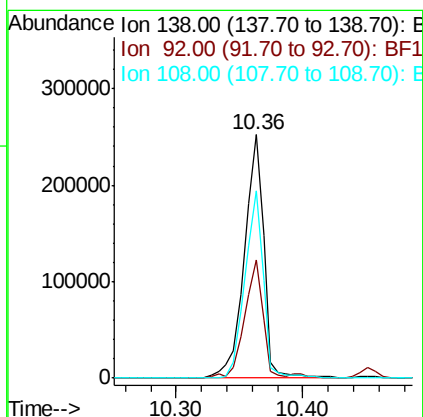
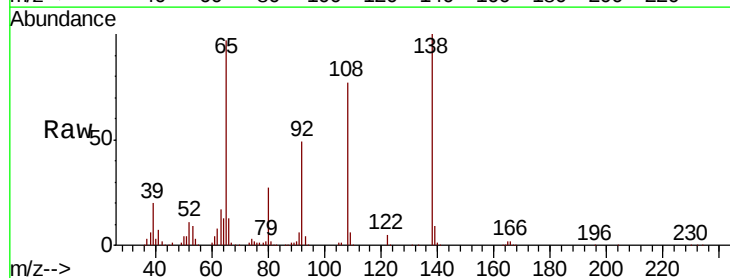
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

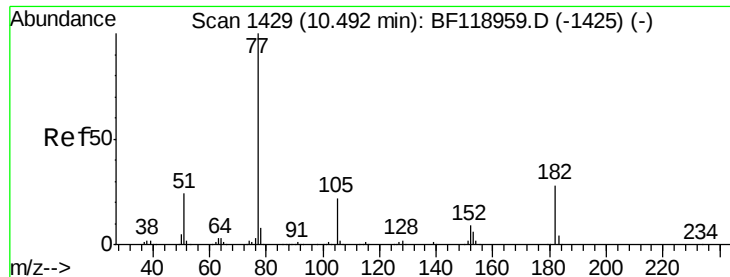
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	61.9	49.5	74.3



#62
4-Nitroaniline
Concen: 38.282 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	28.7	68.7
108	76.8	56.8	96.8





#63

Azobenzene

Concen: 37.544 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 859191

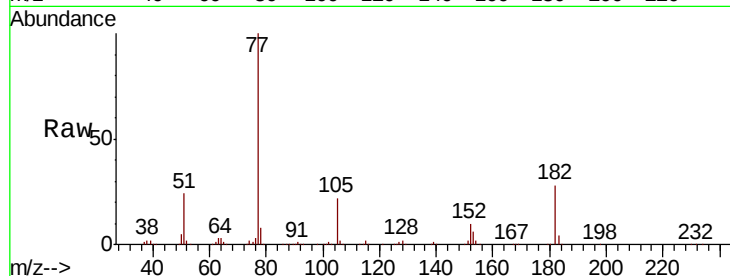
Ion Ratio Lower Upper

77 100

182 28.2 8.2 48.2

105 22.3 2.3 42.3

51 23.6 3.6 43.6

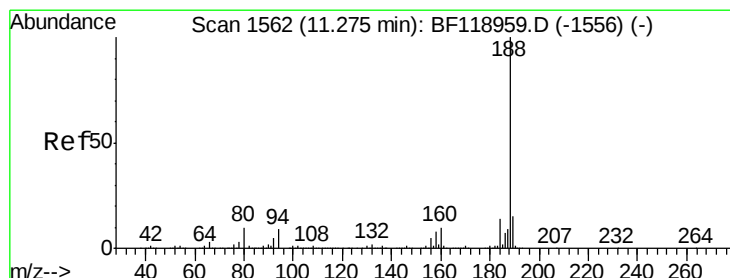
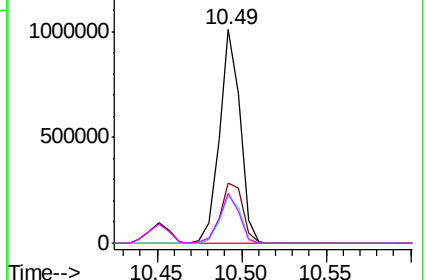
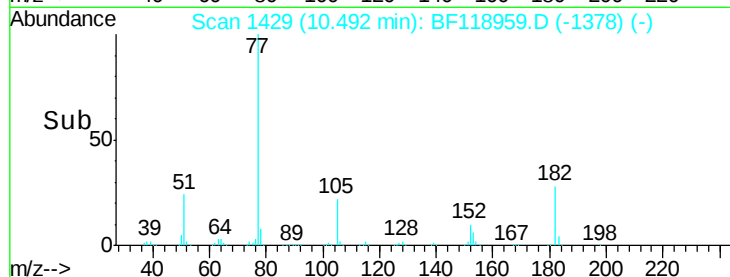


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

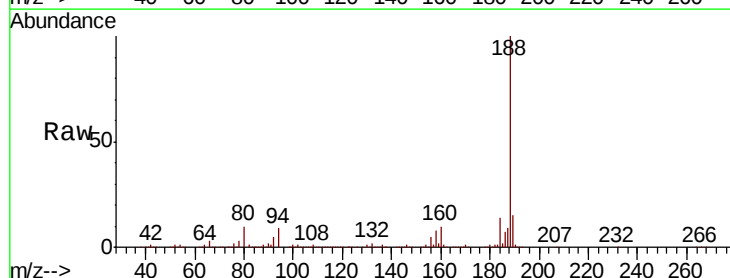
Tgt Ion: 188 Resp: 669533

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

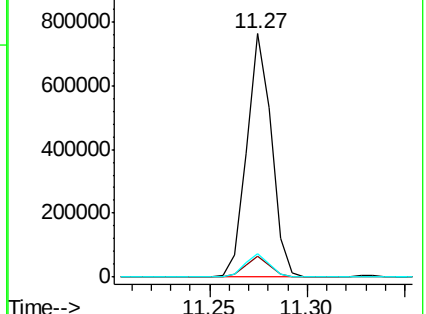
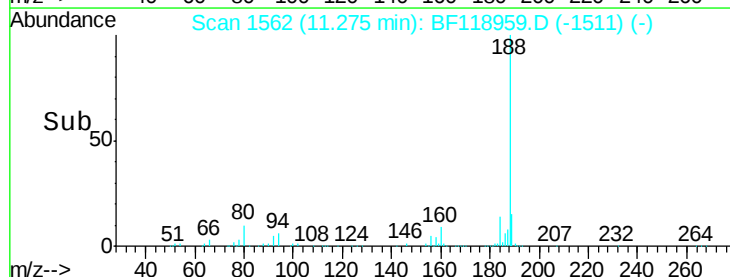
80 9.9 7.9 11.9



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

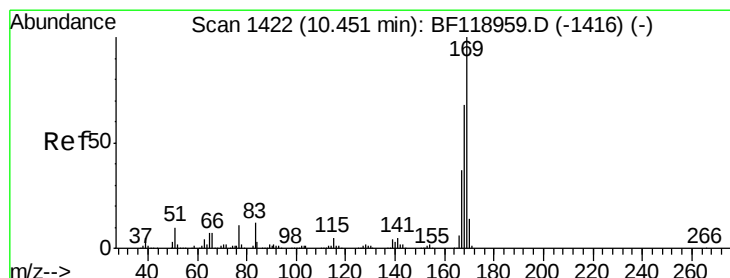
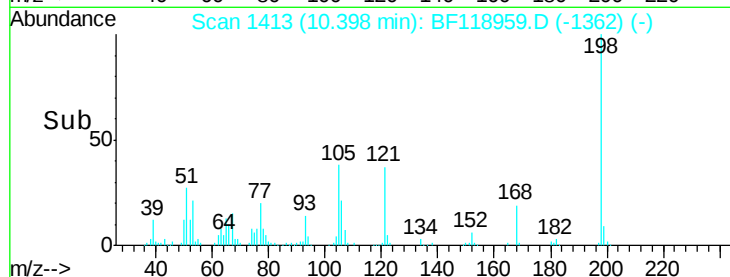
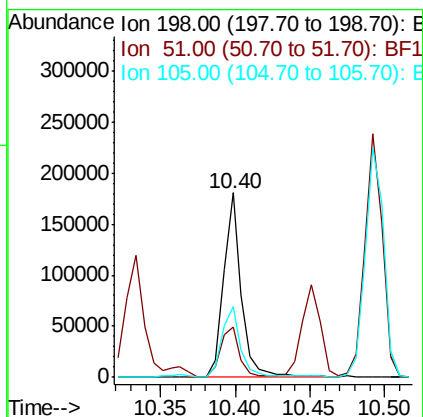
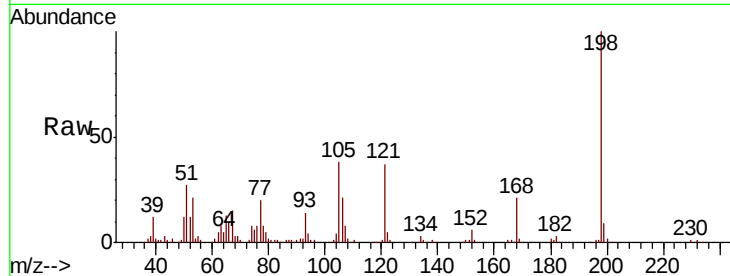




#65
4,6-Dinitro-2-methylphenol
Concen: 36.839 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

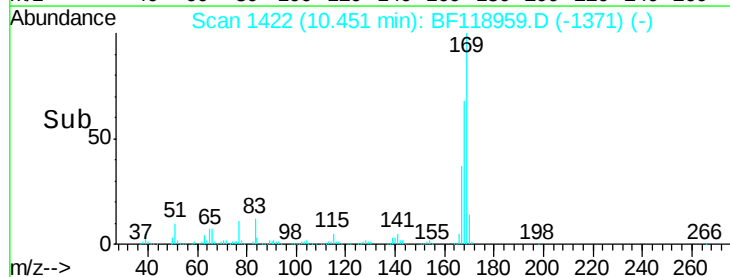
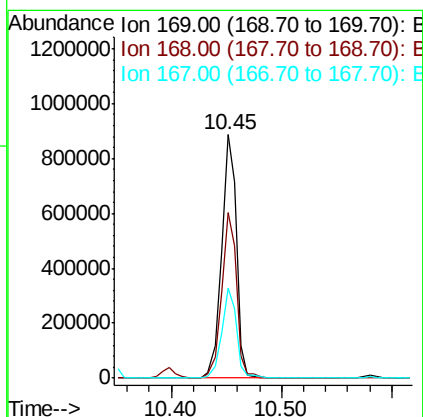
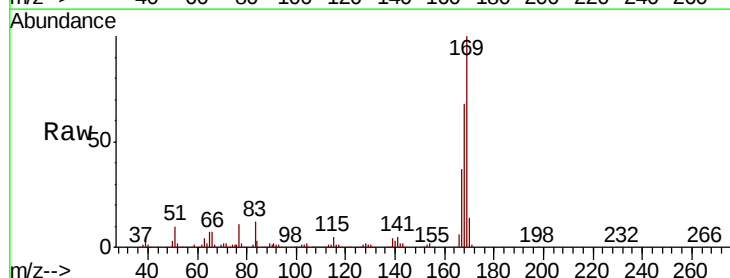
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

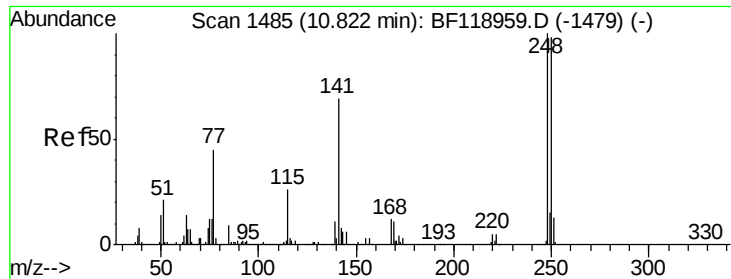
Tot Ion:198 Resp: 152009
Ion Ratio Lower Upper
198 100
51 27.1 7.1 47.1
105 38.3 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 39.111 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion:169 Resp: 829289
Ion Ratio Lower Upper
169 100
168 67.7 54.2 81.2
167 36.8 29.4 44.2

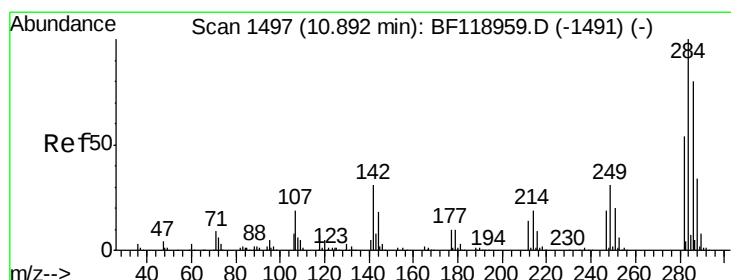
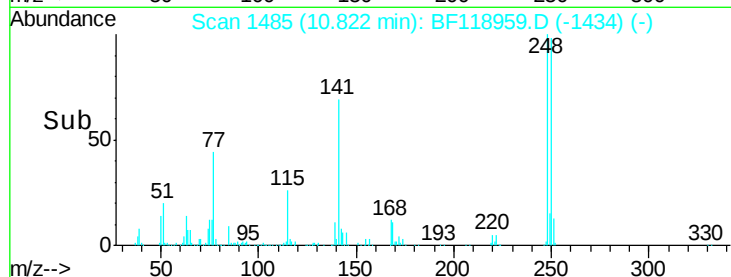
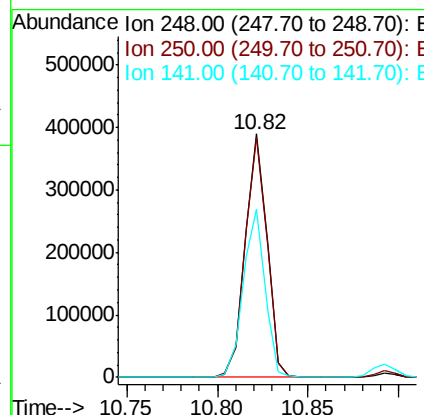
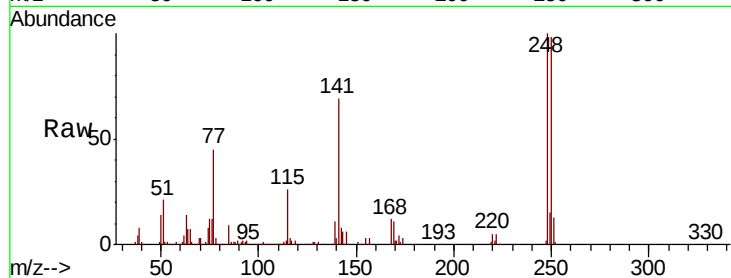




#67
4-Bromophenyl-phenylether
Concen: 37.989 ng
RT: 10.82 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

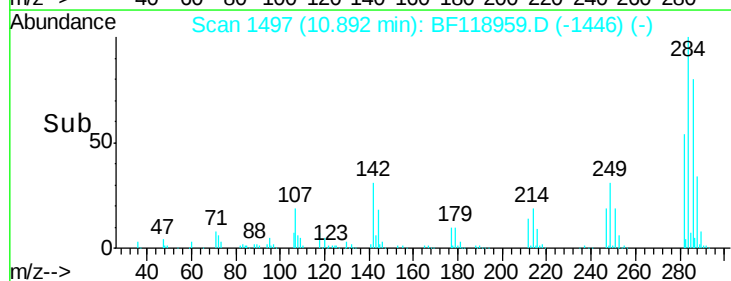
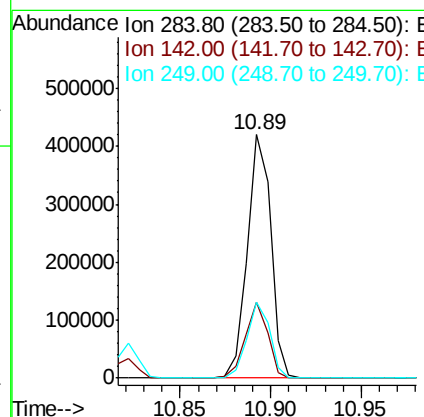
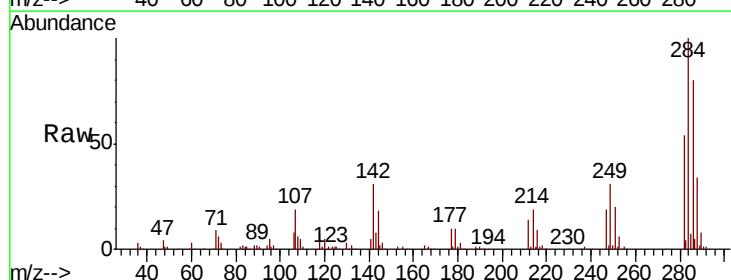
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

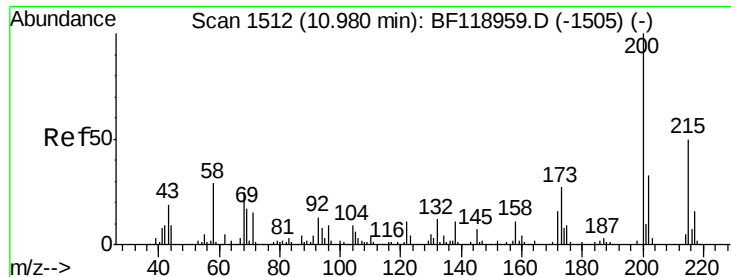
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.8	118.2
141	69.1	55.3	82.9



#68
Hexachlorobenzene
Concen: 38.422 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	25.0	37.6
249	31.2	25.0	37.4

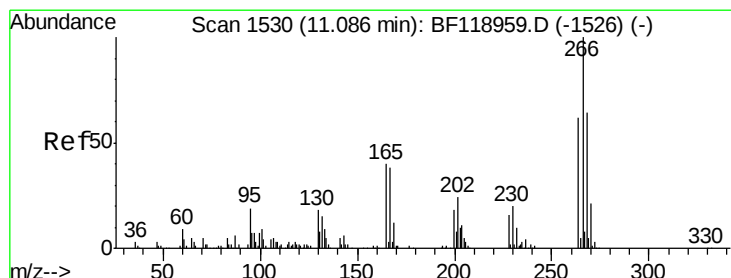
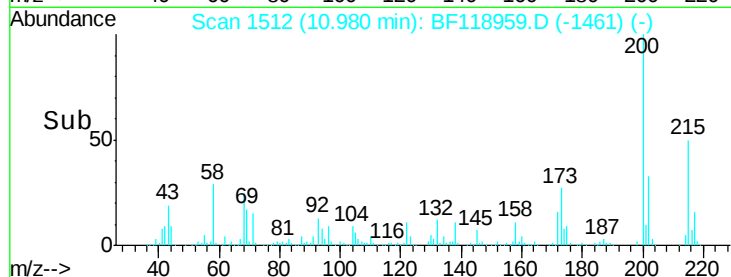
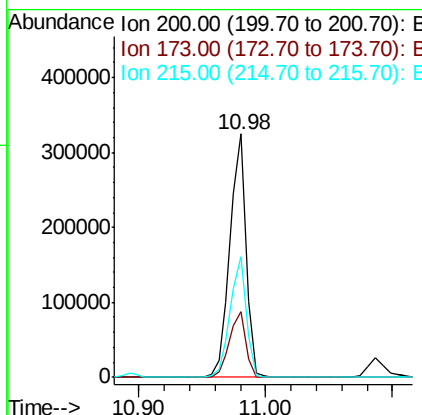
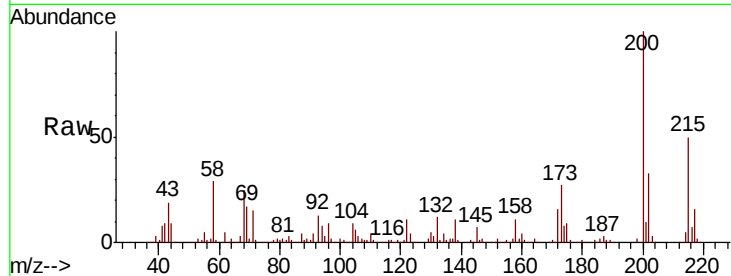




#69
Atrazine
Concen: 40.334 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

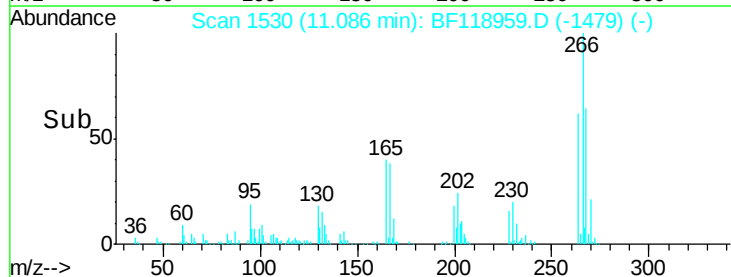
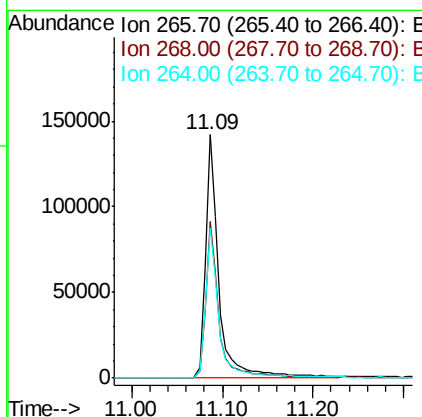
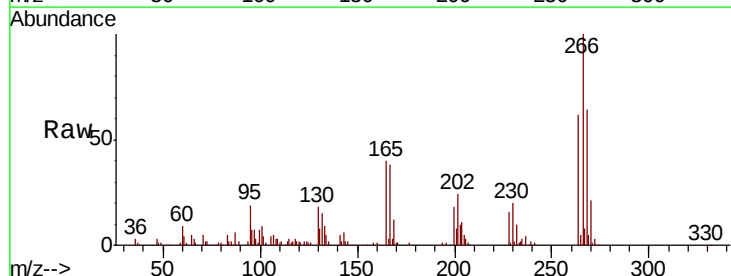
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

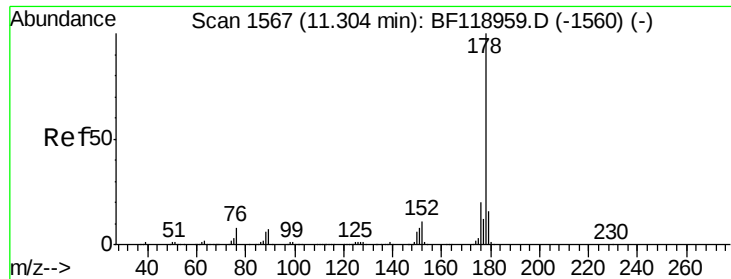
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.9	46.9
215	49.7	29.7	69.7



#70
Pentachlorophenol
Concen: 35.769 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.4	77.0
264	61.9	49.5	74.3

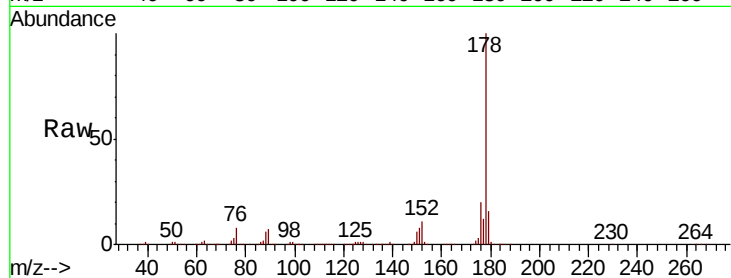




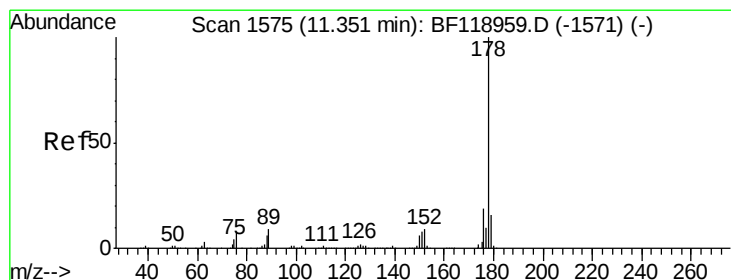
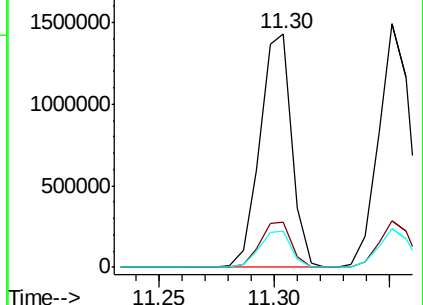
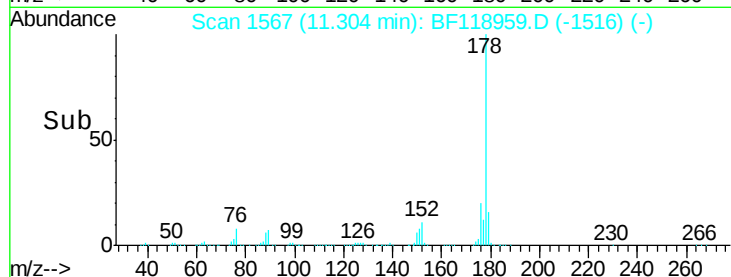
#71
Phenanthrene
Concen: 39.237 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:178 Resp: 1379496
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.7 12.6 18.8

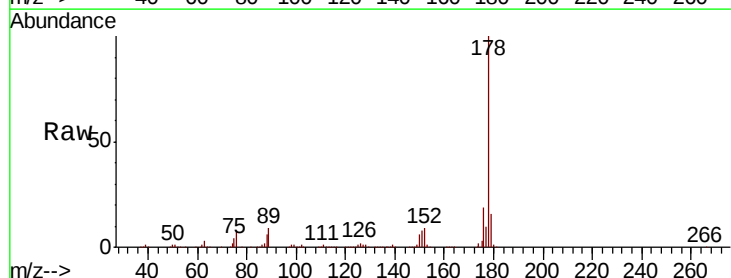


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

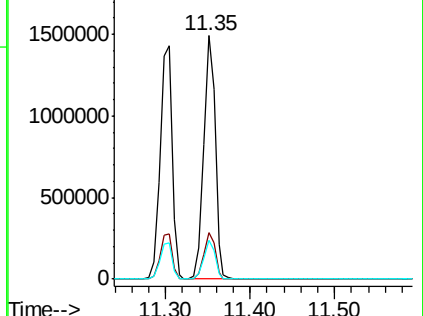
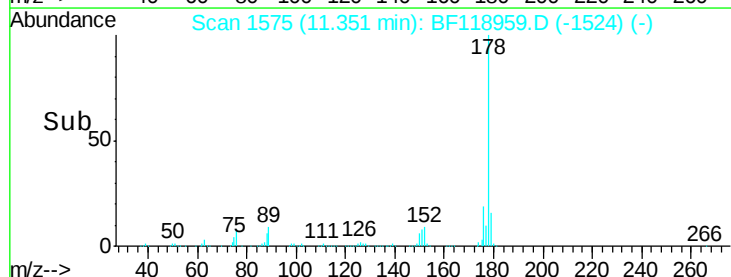


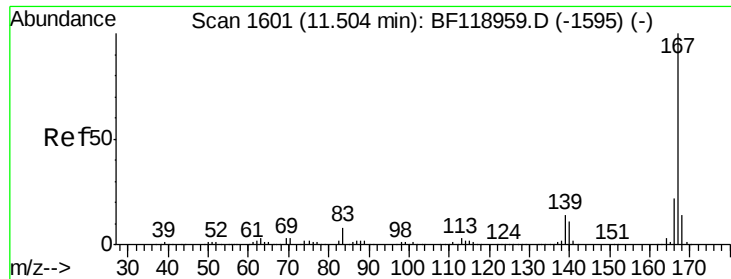
#72
Anthracene
Concen: 39.797 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion:178 Resp: 1399916
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 16.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

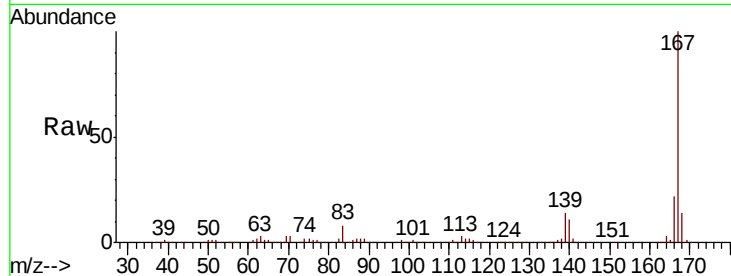




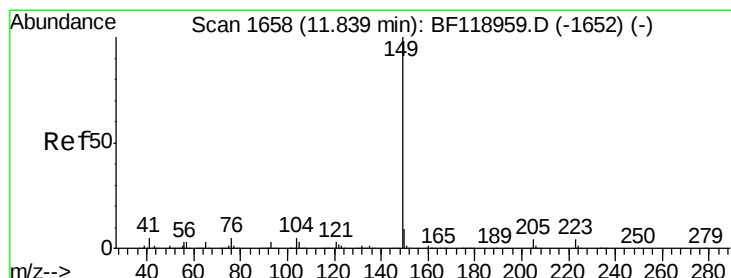
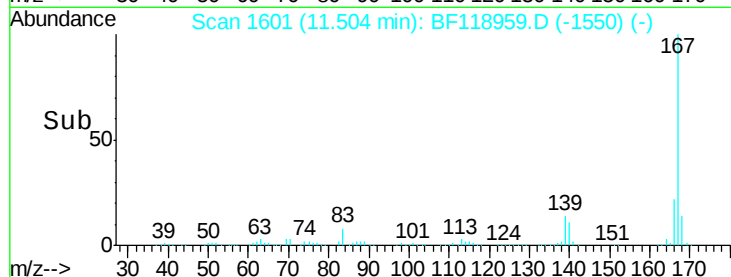
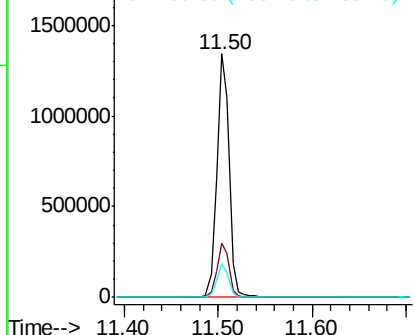
#73
 Carbazole
 Concen: 39.207 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:167 Resp: 1236144
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 14.0 11.2 16.8

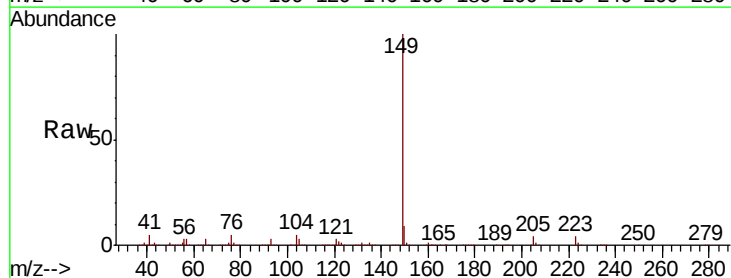


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

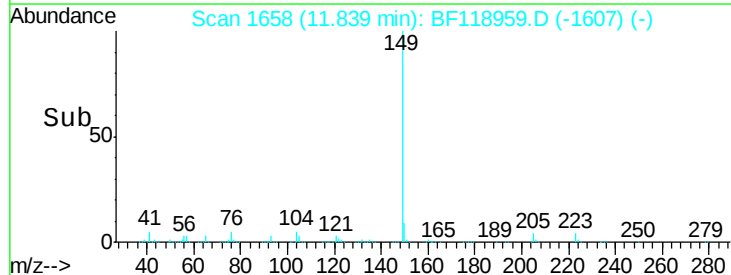
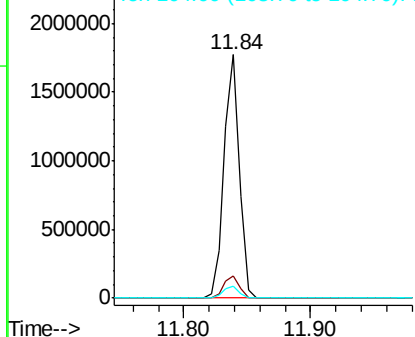


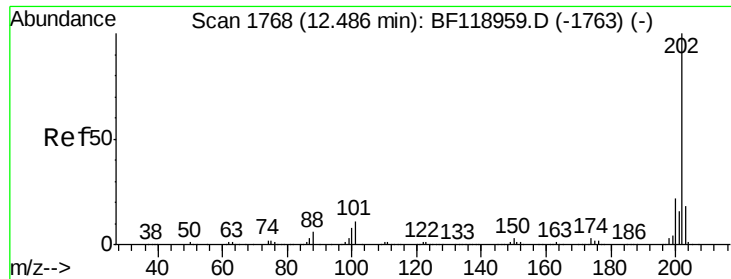
#74
 Di-n-butylphthalate
 Concen: 37.242 ng
 RT: 11.84 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

Tgt Ion:149 Resp: 1489824
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

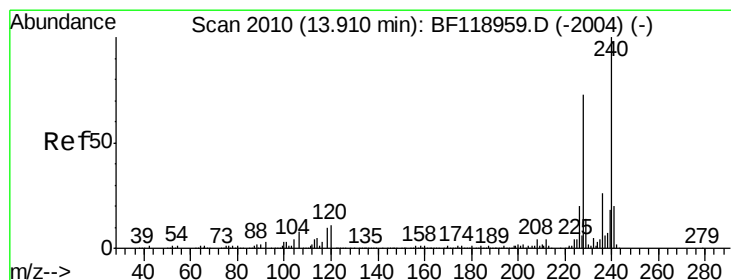
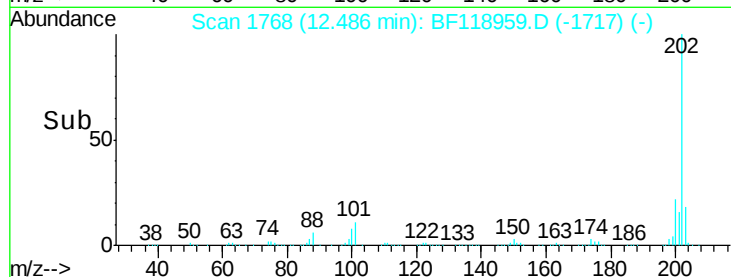
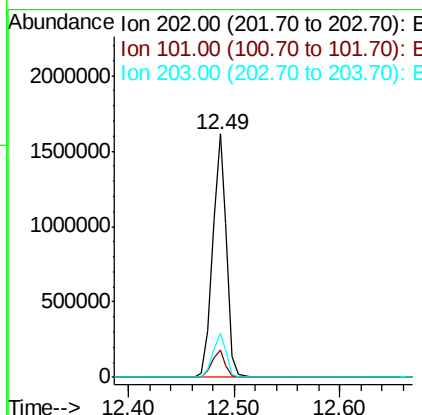
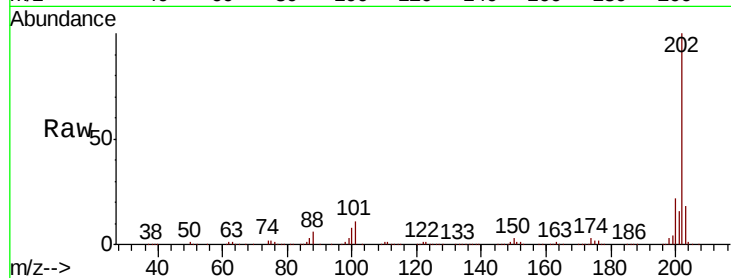




#75
 Fluoranthene
 Concen: 37.866 ng
 RT: 12.49 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

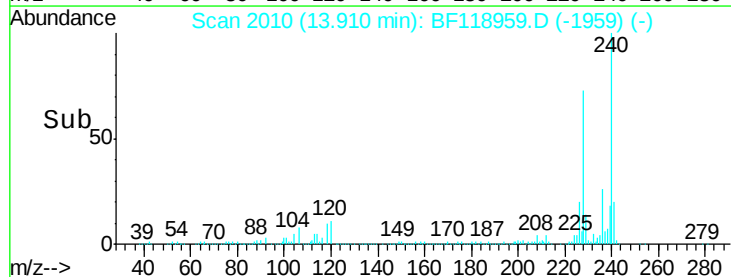
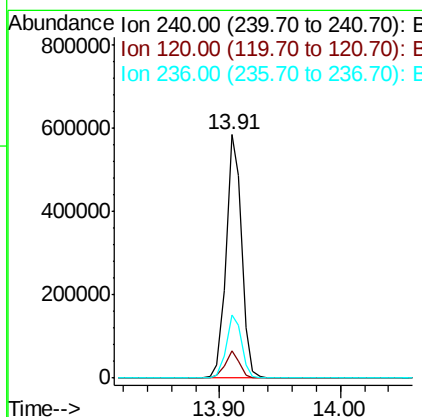
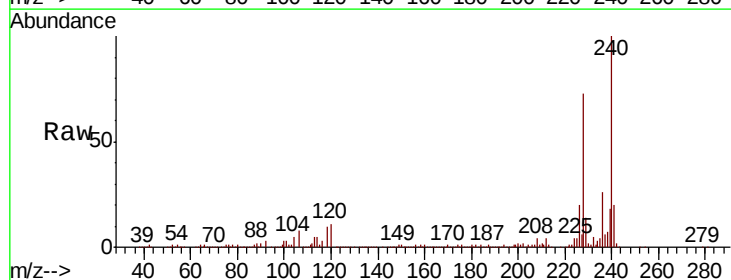
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:202 Resp: 1482964
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 31.1
 203 18.1 0.0 38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

Tgt Ion:240 Resp: 515337
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.9 13.3
 236 25.7 20.6 30.8





#77

Benzidine

Concen: 48.986 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

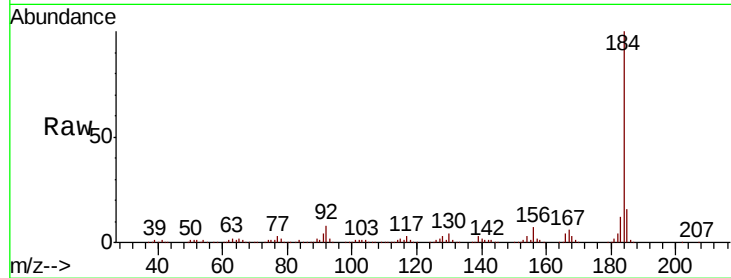
BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:184 Resp: 808214

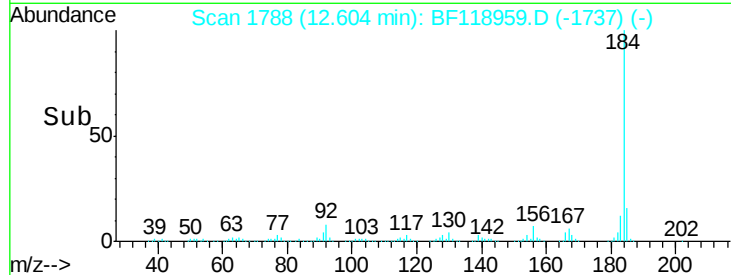
Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.6	19.0
183	12.4	9.9	14.9



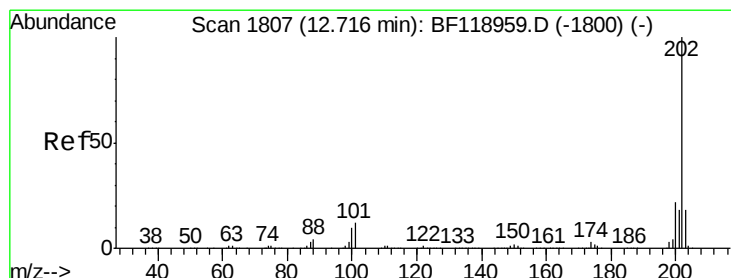
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.50 12.60 12.70 12.80



#78

Pyrene

Concen: 40.623 ng

RT: 12.72 min Scan# 1807

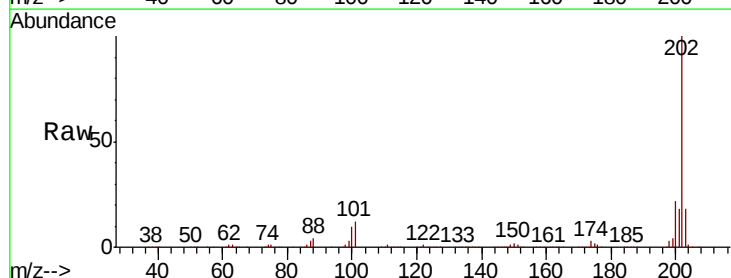
Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Tgt Ion:202 Resp: 1510743

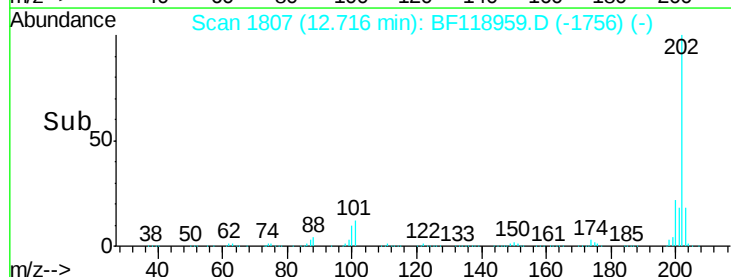
Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.0
203	18.1	14.5	21.7



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



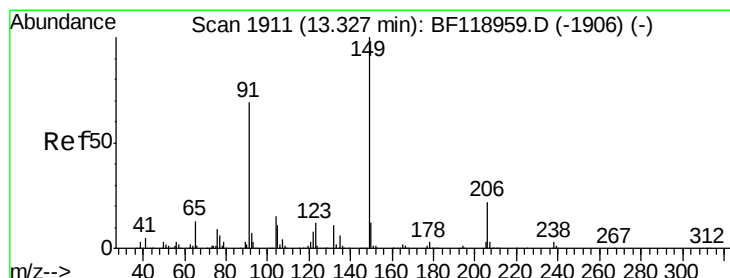
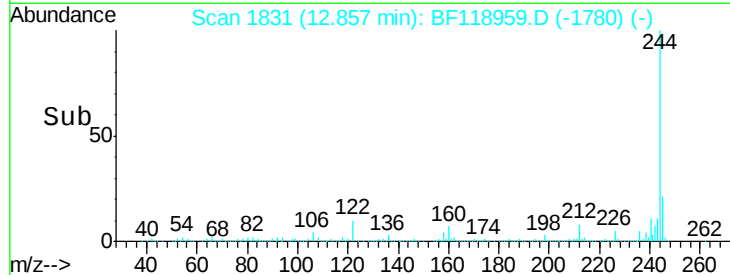
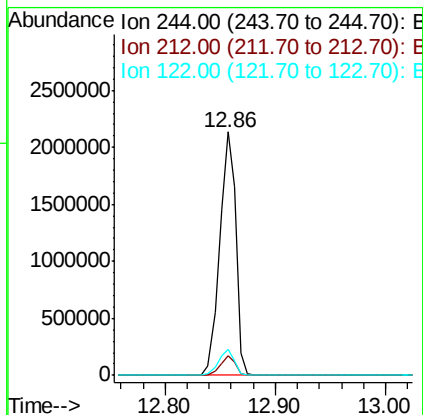
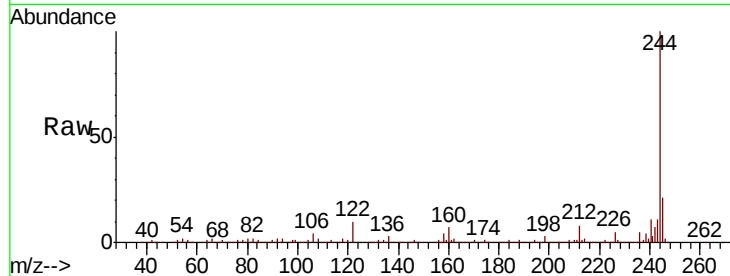
Time--> 12.60 12.70 12.80



#79
 Terphenyl-d14
 Concen: 82.611 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

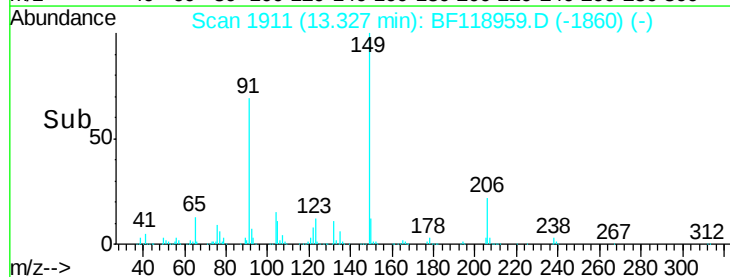
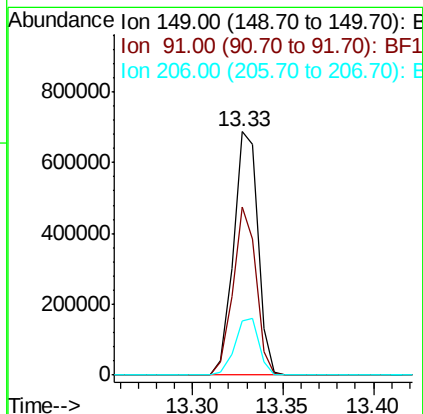
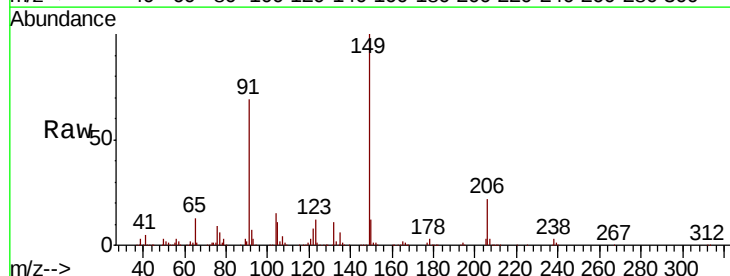
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:244 Resp: 2163231
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 10.5 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 39.676 ng
 RT: 13.33 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: BF118959.D
 Acq: 20 Feb 2020 14:16

Tgt Ion:149 Resp: 646579
 Ion Ratio Lower Upper
 149 100
 91 69.3 55.4 83.2
 206 22.1 17.7 26.5





#81

Benzo(a)anthracene

Concen: 41.884 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

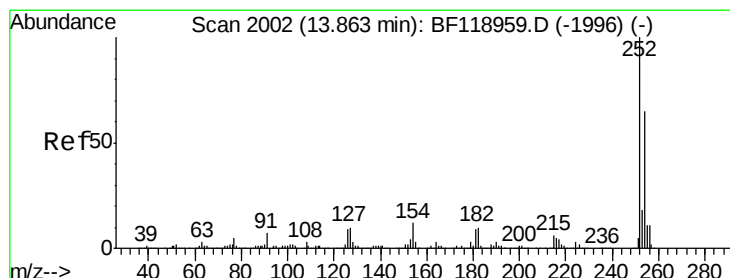
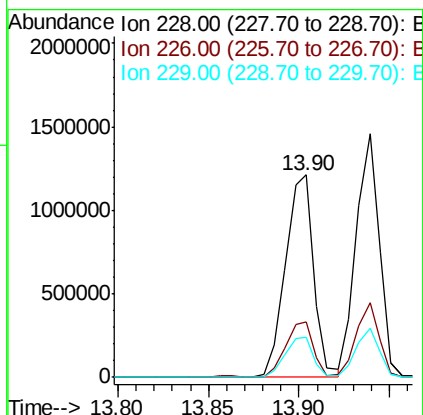
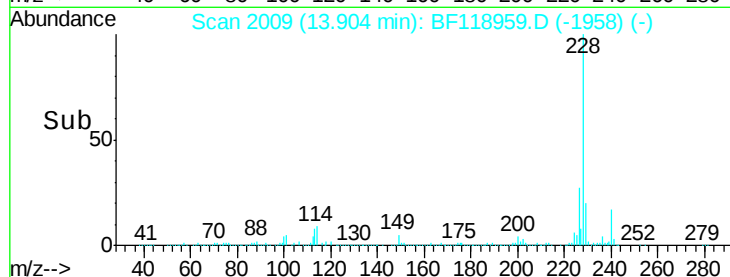
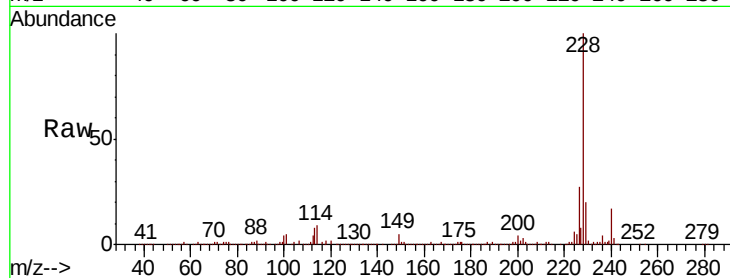
Tot Ion:228 Resp: 1322673

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.0	16.0	24.0

228 100

226 27.3 21.8 32.8

229 20.0 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 43.590 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

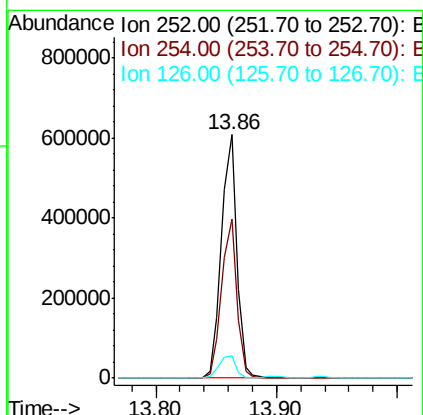
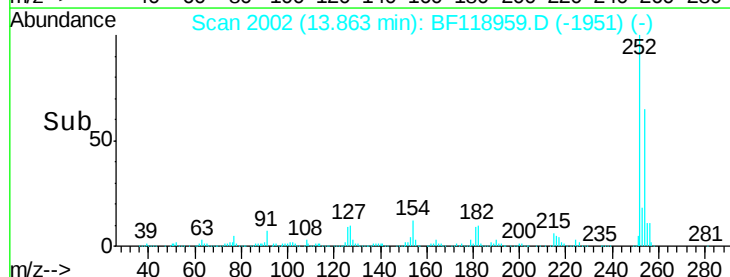
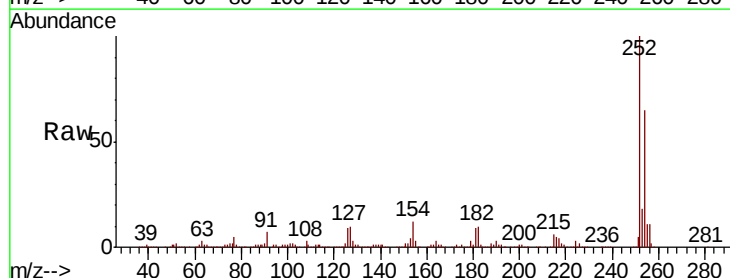
Tgt Ion:252 Resp: 535644

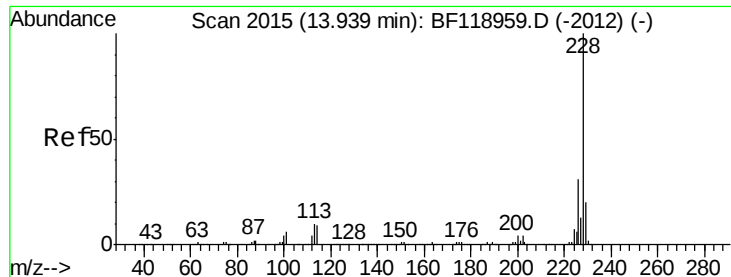
Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	9.1	7.3	10.9

252 100

254 65.1 52.1 78.1

126 9.1 7.3 10.9





#83

Chrvsene

Concen: 41.283 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

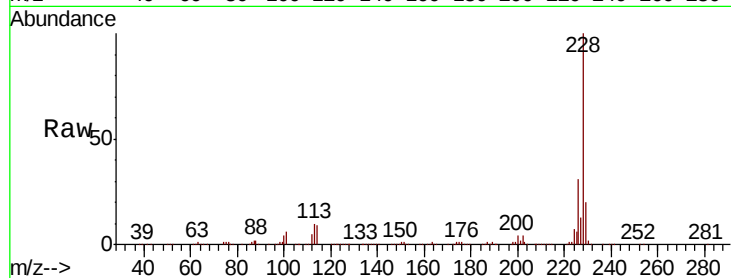
Tot Ion:228 Resp: 1306984

Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

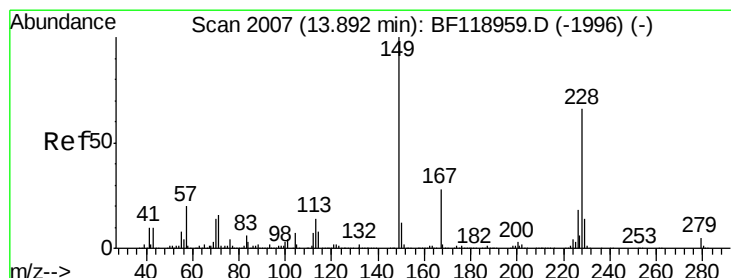
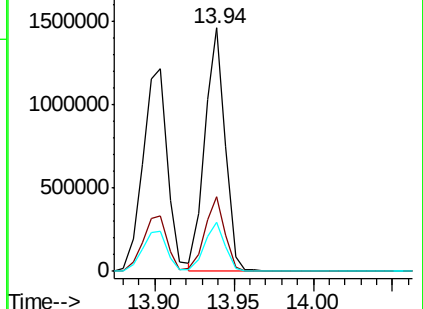
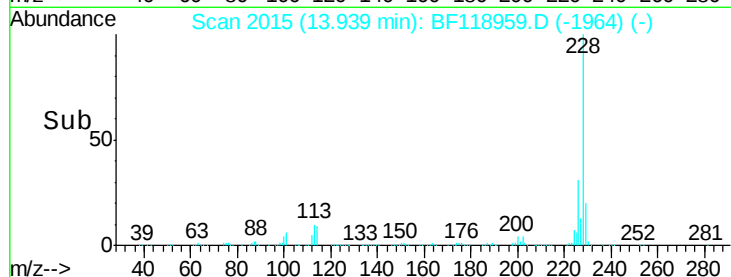
229 20.2 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.001 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

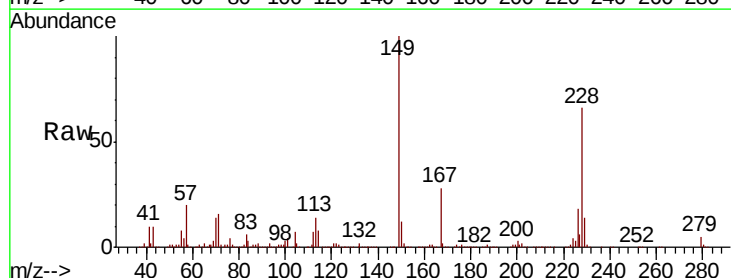
Tgt Ion:149 Resp: 826049

Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

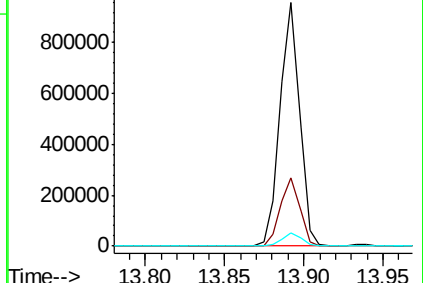
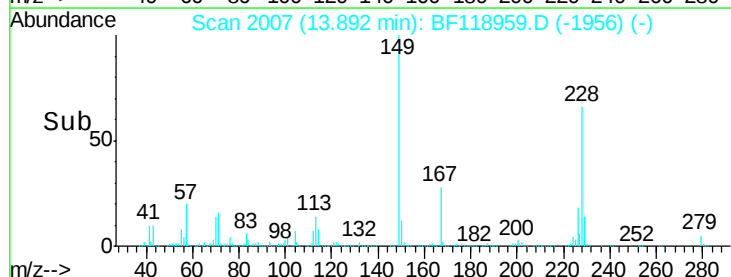
279 5.3 4.2 6.4

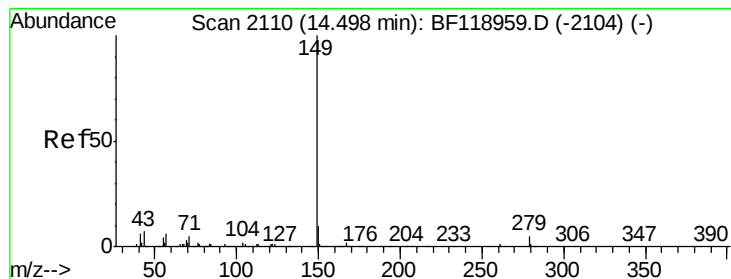


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.610 ng

RT: 14.50 min Scan# 2110

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

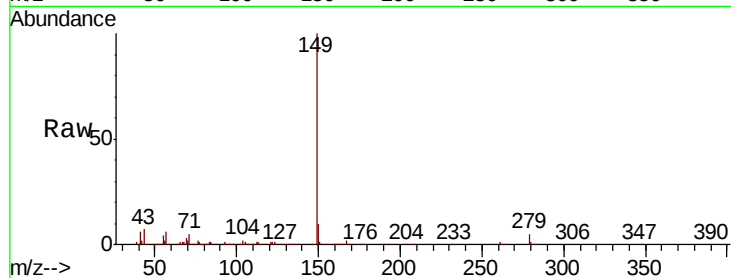
BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1385317

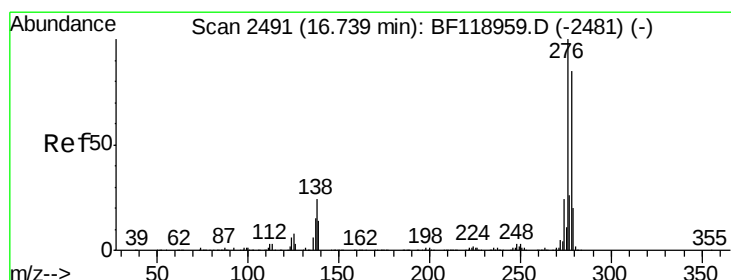
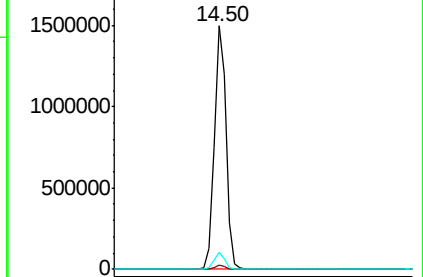
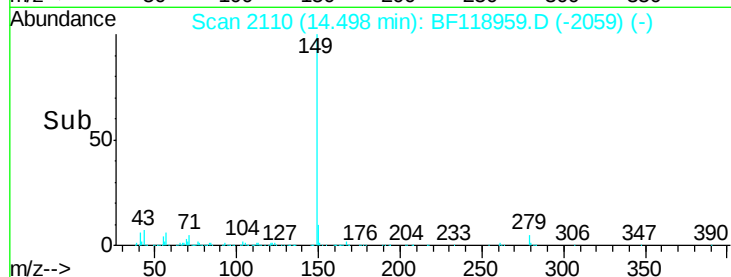
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.5	5.2	7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.743 ng

RT: 16.74 min Scan# 2491

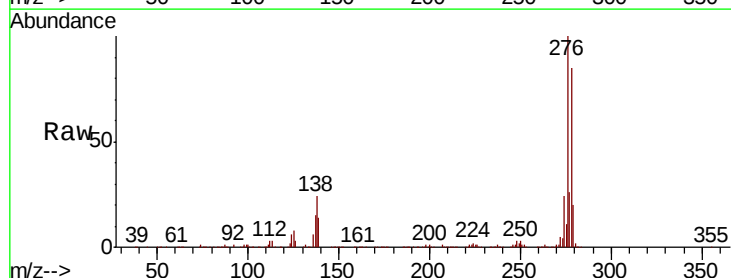
Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Tgt Ion:276 Resp: 1643374

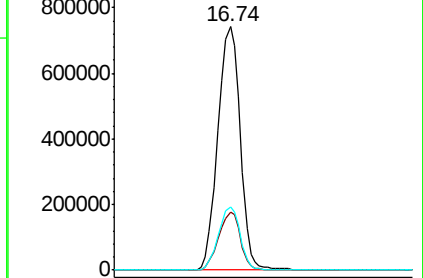
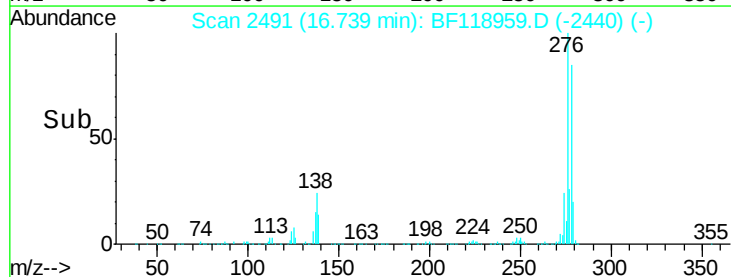
Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.7	28.1
277	25.4	20.3	30.5

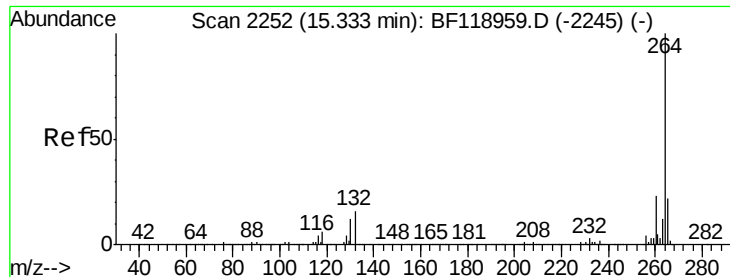


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



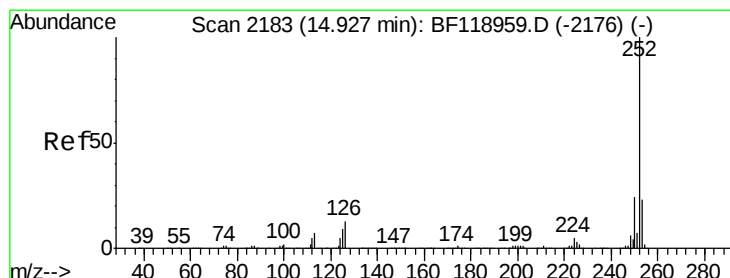
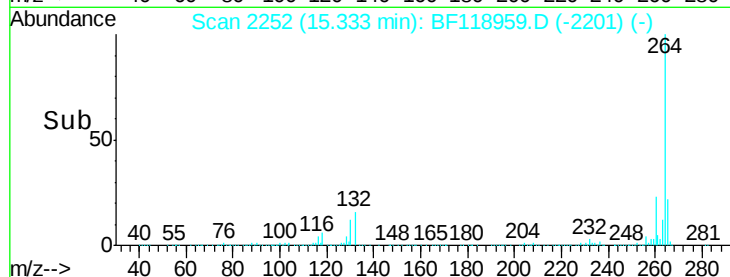
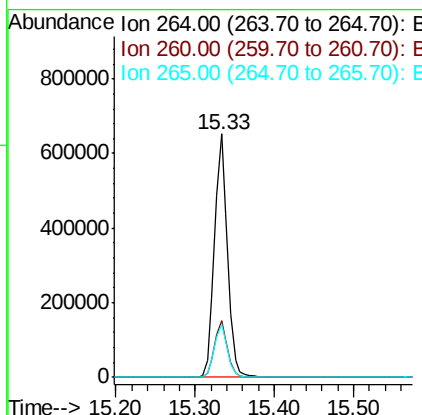
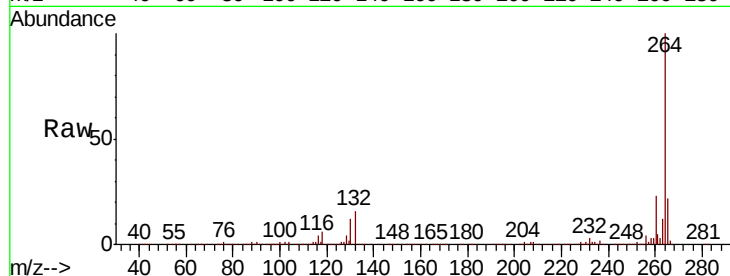


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:264 Resp: 744197

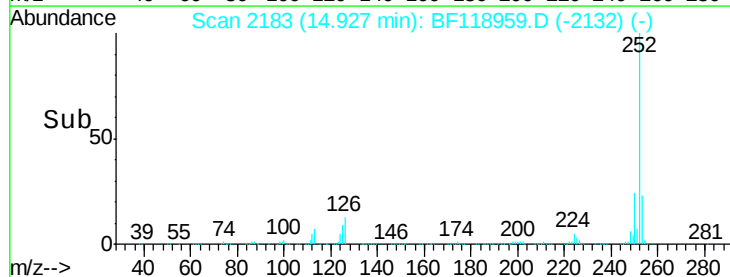
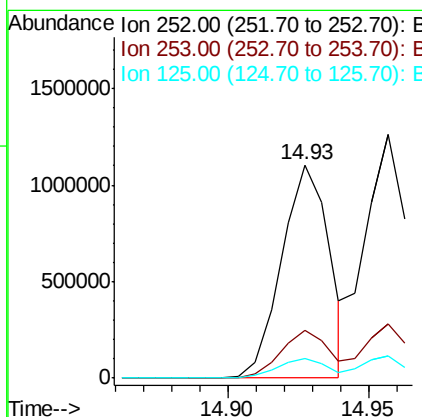
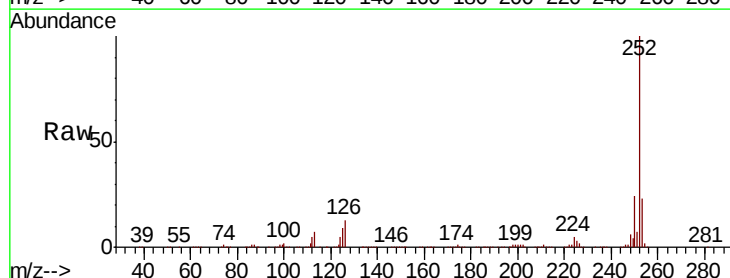
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.6	17.3	25.9

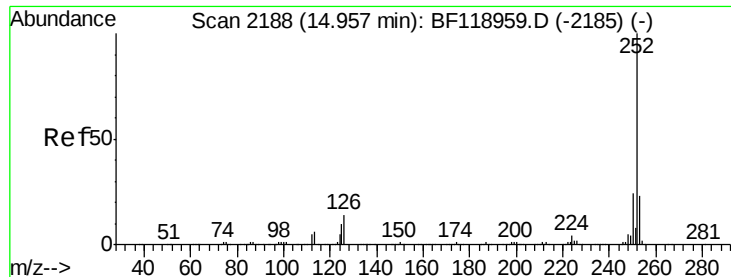


#88
Benzo(b)fluoranthene
Concen: 25.809 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion:252 Resp: 1294791

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	9.2	7.4	11.0

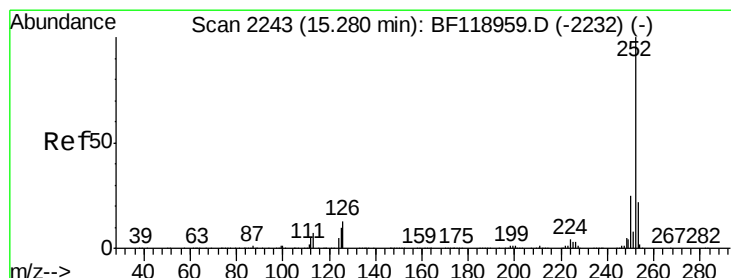
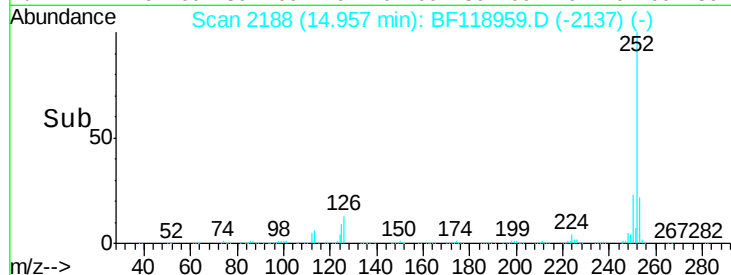
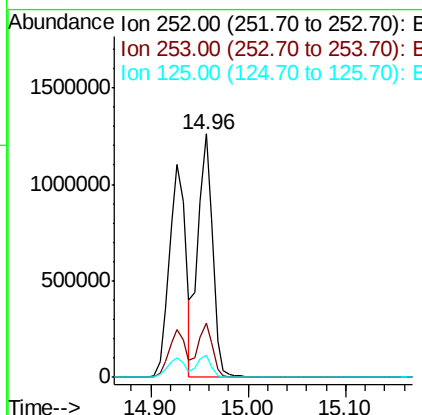
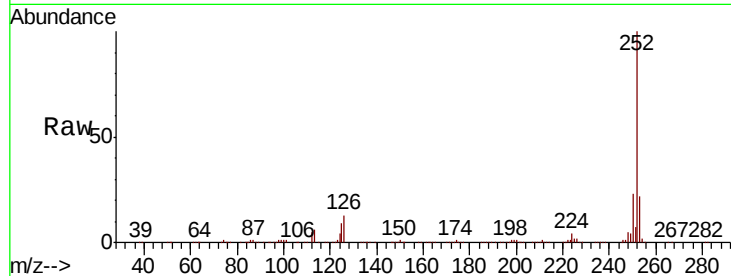




#89
Benzo(k)fluoranthene
Concen: 29.414 ng
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

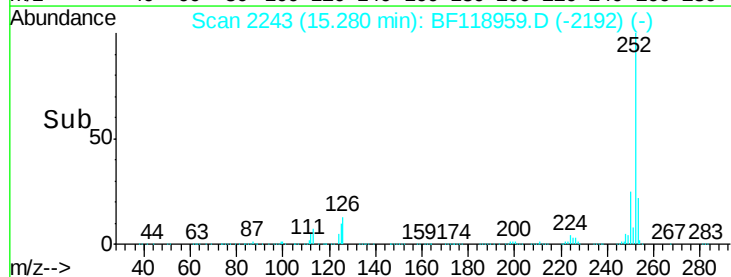
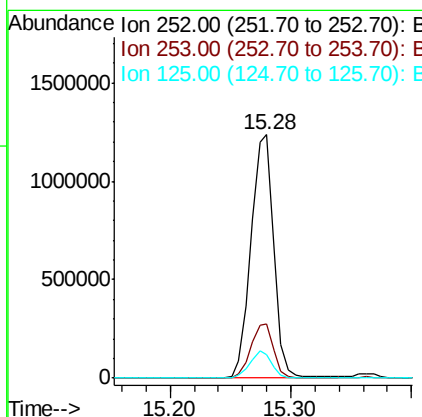
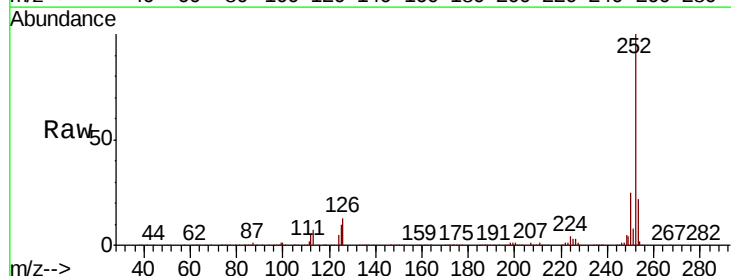
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:252 Resp: 1311367
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 9.1 7.3 10.9



#90
Benzo(a)pyrene
Concen: 37.805 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BF118959.D
Acq: 20 Feb 2020 14:16

Tgt Ion:252 Resp: 1634032
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 9.7 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 34.749 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

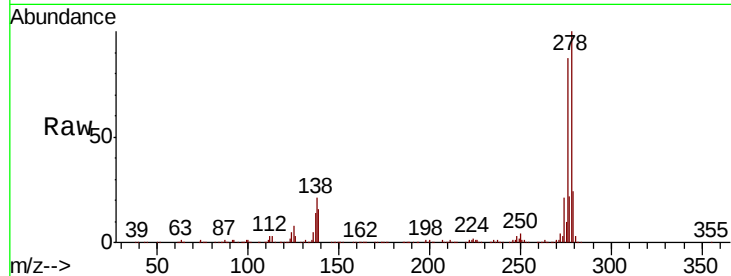
Tot Ion:278 Resp: 1361234

Ion Ratio Lower Upper

278 100

139 15.7 12.6 18.8

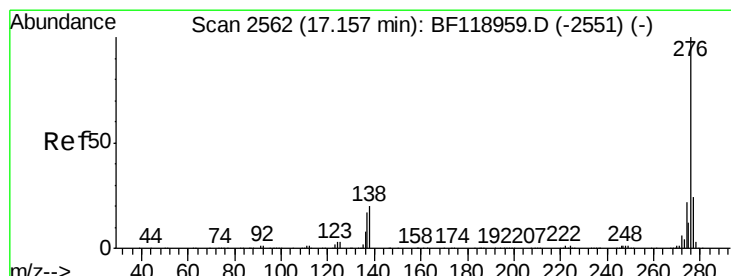
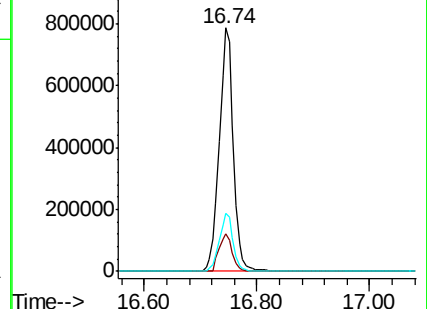
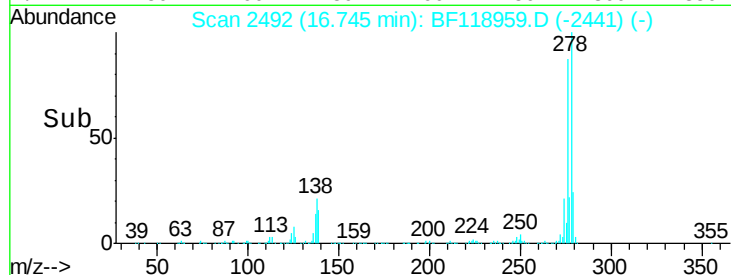
279 23.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 34.249 ng

RT: 17.16 min Scan# 2562

Delta R.T. 0.00 min

Lab File: BF118959.D

Acq: 20 Feb 2020 14:16

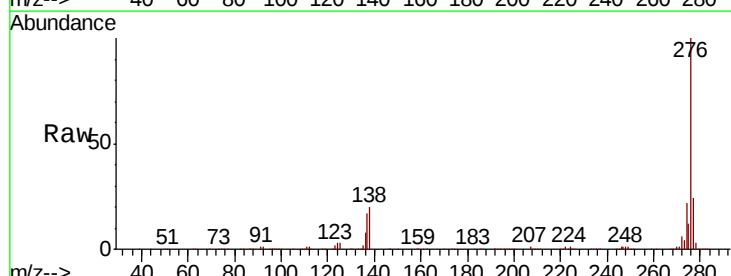
Tgt Ion:276 Resp: 1323781

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 20.3 16.2 24.4



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

