

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118554.D
 Acq On : 17 Jan 2020 11:35
 Operator : JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 17 12:16:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 12:09:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	442847	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1611330	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	901821	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	1625251	20.00	ng	0.00
76) Chrysene-d12	14.05	240	1244387	20.00	ng	0.00
87) Perylene-d12	15.52	264	1125311	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1928579	74.55	ng	0.00
7) Phenol-d6	6.52	99	2539162	81.58	ng	0.00
23) Nitrobenzene-d5	7.46	82	2182888	82.96	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	838214	76.63	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4158341	74.38	ng	0.00
79) Terphenyl-d14	13.00	244	4796605	63.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	458984	43.616	ng	100
3) Pyridine	3.45	79	1272029	45.803	ng	100
4) n-Nitrosodimethylamine	3.39	42	580800	60.267	ng	100
6) Aniline	6.55	93	1703433	43.378	ng	100
8) 2-Chlorophenol	6.67	128	1117715	38.545	ng	100
9) Benzaldehyde	6.43	77	571665	39.439	ng	100
10) Phenol	6.53	94	1352065	38.635	ng	100
11) bis(2-Chloroethyl)ether	6.63	93	1113893	42.335	ng	100
12) 1,3-Dichlorobenzene	6.83	146	1321311	39.314	ng	100
13) 1,4-Dichlorobenzene	6.91	146	1329752	39.486	ng	100
14) 1,2-Dichlorobenzene	7.06	146	1266765	40.601	ng	100
15) Benzyl Alcohol	7.03	79	1047841	47.236	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1636242	60.058	ng	100
17) 2-Methylphenol	7.14	107	919721	40.647	ng	100
18) Hexachloroethane	7.41	117	487966	40.834	ng	100
19) n-Nitroso-di-n-propylamine	7.31	70	899448	49.956	ng	100
20) 3+4-Methylphenols	7.29	107	1148505	38.989	ng	100
22) Acetophenone	7.30	105	1589845	42.530	ng	100
24) Nitrobenzene	7.47	77	1166030	44.583	ng	100
25) Isophorone	7.72	82	2239559	47.232	ng	100
26) 2-Nitrophenol	7.79	139	433523	28.250	ng	100
27) 2,4-Dimethylphenol	7.82	122	909819	44.414	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	1455736	44.536	ng	100
29) 2,4-Dichlorophenol	8.03	162	1005962	42.215	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	1174892	43.317	ng	100
31) Naphthalene	8.20	128	3132330	38.750	ng	100
32) Benzoic acid	7.94	122	550973	37.249	ng	100
33) 4-Chloroaniline	8.24	127	1408445	40.948	ng	100
34) Hexachlorobutadiene	8.32	225	743919	46.685	ng	100
35) Caprolactam	8.62	113	300357	40.901	ng	100
36) 4-Chloro-3-methylphenol	8.72	107	982200	39.937	ng	100
37) 2-Methylnaphthalene	8.89	142	2199159	40.697	ng	100
38) 1-Methylnaphthalene	8.99	142	2080762	40.609	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1205607	43.596	ng	100

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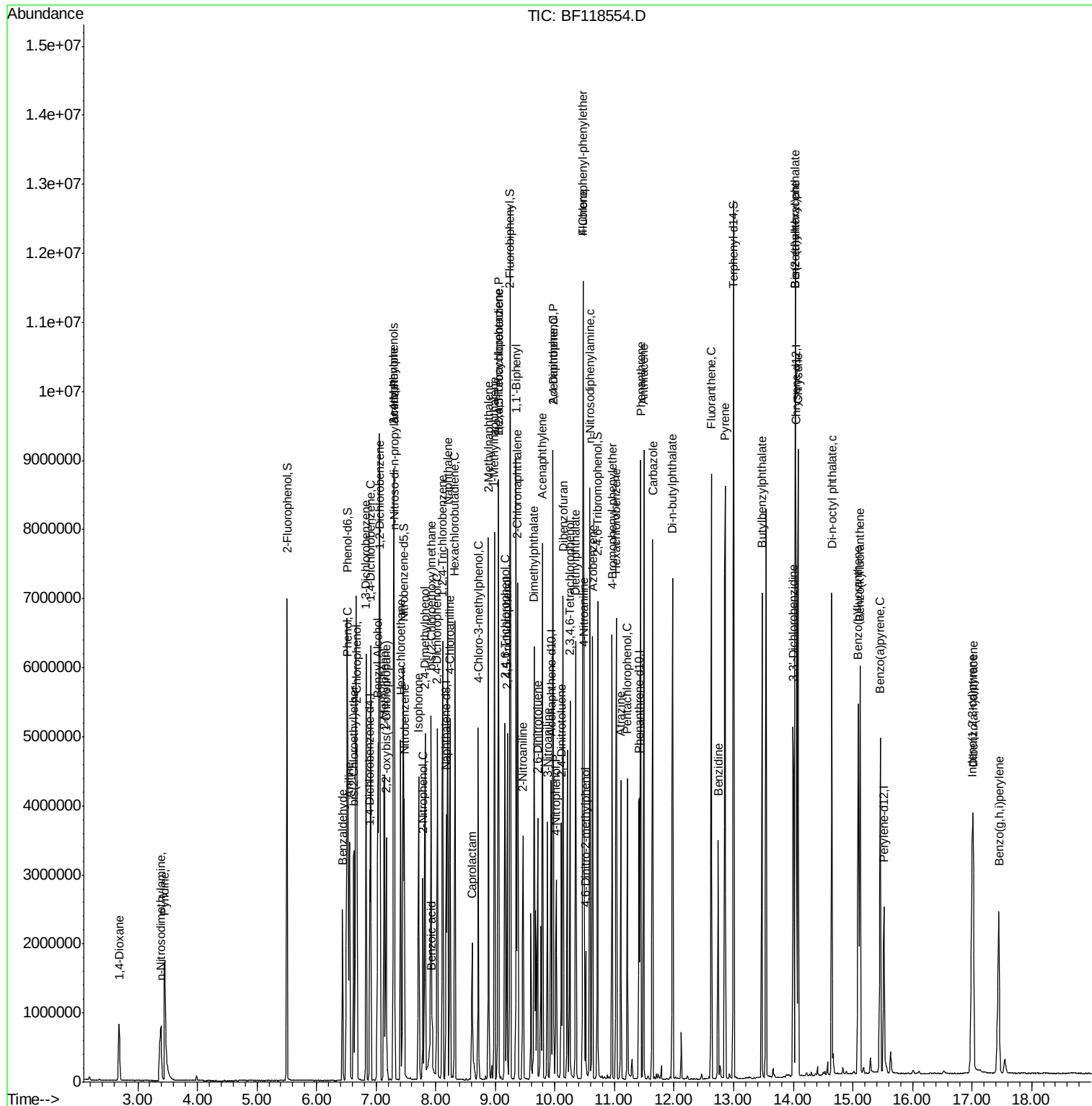
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	649340	155.366	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	744356	41.566	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	776015	43.392	ng	100
46) 1,1'-Biphenyl	9.35	154	2690625	37.654	ng	100
47) 2-Chloronaphthalene	9.38	162	2217575	38.652	ng	100
48) 2-Nitroaniline	9.46	65	587129	38.105	ng	100
49) Acenaphthylene	9.79	152	3151291	37.695	ng	100
50) Dimethylphthalate	9.65	163	2487136	37.366	ng	100
51) 2,6-Dinitrotoluene	9.71	165	487560	33.313	ng	100
52) Acenaphthene	9.97	154	2049784	39.852	ng	100
53) 3-Nitroaniline	9.87	138	558353	32.983	ng	100
54) 2,4-Dinitrophenol	9.97	184	149766	27.399	ng	100
55) Dibenzofuran	10.14	168	2912223	39.021	ng	100
56) 4-Nitrophenol	10.02	139	410352	52.885	ng	100
57) 2,4-Dinitrotoluene	10.11	165	588503	31.458	ng	100
58) Fluorene	10.48	166	2246180	37.050	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	674929	46.150	ng	100
60) Diethylphthalate	10.35	149	2488207	37.516	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	1260034	41.311	ng	100
62) 4-Nitroaniline	10.49	138	552202	33.033	ng	100
63) Azobenzene	10.63	77	2420076	44.054	ng	100
65) 4,6-Dinitro-2-methylphenol	10.52	198	221466	25.824	ng	100
66) n-Nitrosodiphenylamine	10.59	169	2112491	39.589	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	879948	44.913	ng	100
68) Hexachlorobenzene	11.03	284	976049	42.017	ng	100
69) Atrazine	11.11	200	508947	39.773	ng	100
70) Pentachlorophenol	11.22	266	482645	75.284	ng	100
71) Phenanthrene	11.44	178	3322814	37.980	ng	100
72) Anthracene	11.49	178	3305071	37.903	ng	100
73) Carbazole	11.64	167	2979736	38.250	ng	100
74) Di-n-butylphthalate	11.97	149	3625099	35.979	ng	100
75) Fluoranthene	12.63	202	3466649	39.665	ng	100
77) Benzidine	12.74	184	1201507	43.259	ng	100
78) Pyrene	12.86	202	3514219	33.421	ng	100
80) Butylbenzylphthalate	13.47	149	1563429	33.216	ng	100
81) Benzo(a)anthracene	14.04	228	3112586	36.086	ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	1107746	37.824	ng	100
83) Chrysene	14.08	228	3016152	36.483	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	2016491	32.067	ng	100
85) Di-n-octyl phthalate	14.64	149	3148197	33.459	ng	100
86) Indeno(1,2,3-cd)pyrene	17.00	276	2666777	34.326	ng	100
88) Benzo(b)fluoranthene	15.09	252	3020576	41.883	ng	100
89) Benzo(k)fluoranthene	15.12	252	2558784	39.168	ng	100
90) Benzo(a)pyrene	15.46	252	2527475	39.328	ng	100
91) Dibenzo(a,h)anthracene	17.02	278	2173335	37.243	ng	100
92) Benzo(g,h,i)perylene	17.45	276	2066164	36.395	ng	100

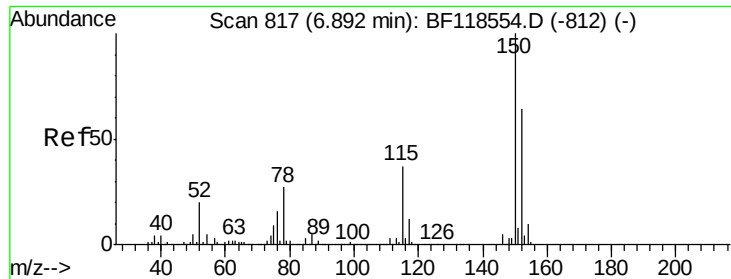
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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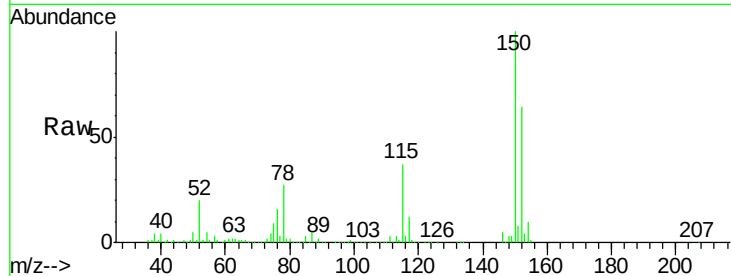


#1

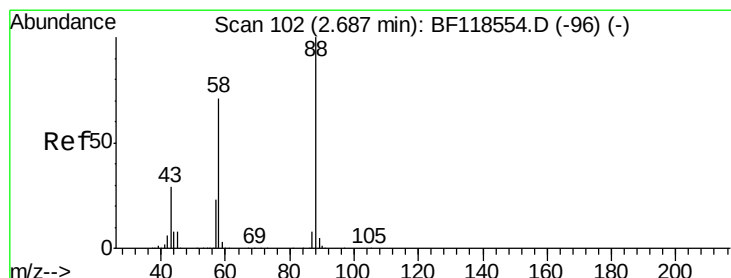
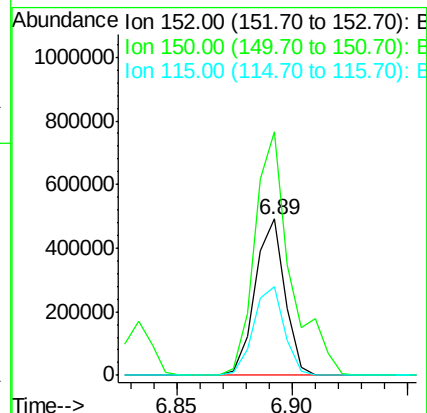
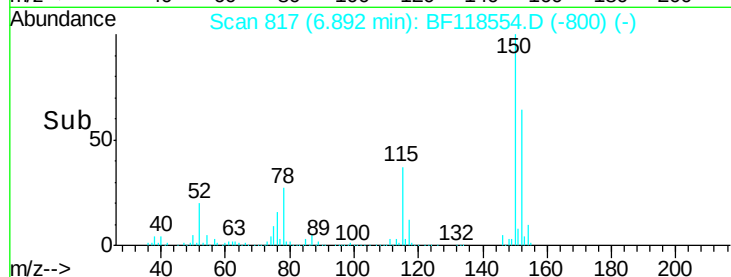
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 442847
Ion Ratio Lower Upper
152 100
150 156.1 124.9 187.3
115 57.2 45.8 68.6



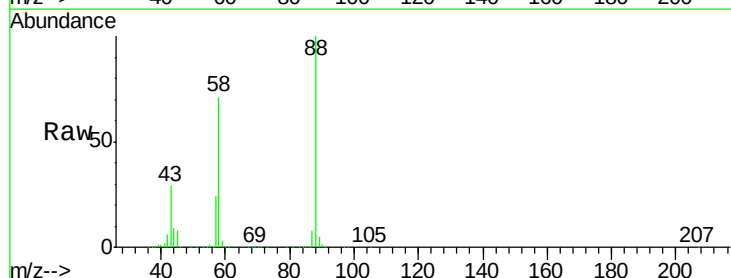
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



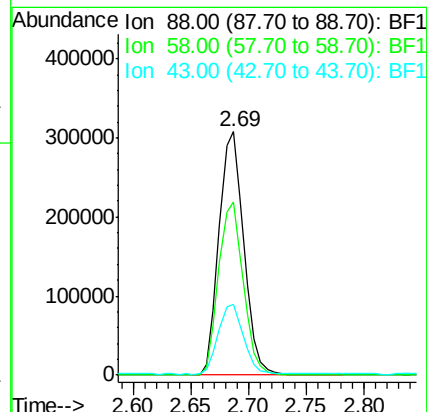
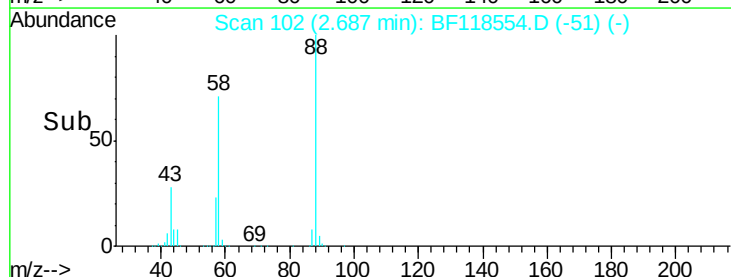
#2

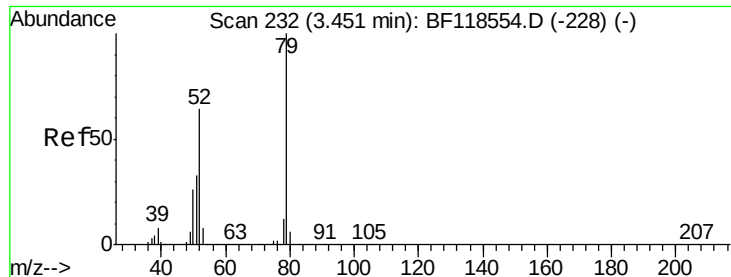
1,4-Dioxane
Concen: 43.616 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Tgt Ion: 88 Resp: 458984
Ion Ratio Lower Upper
88 100
58 70.9 56.7 85.1
43 29.1 23.3 34.9



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: 45.803 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Instrument :

BNA_F

ClientSampleId :

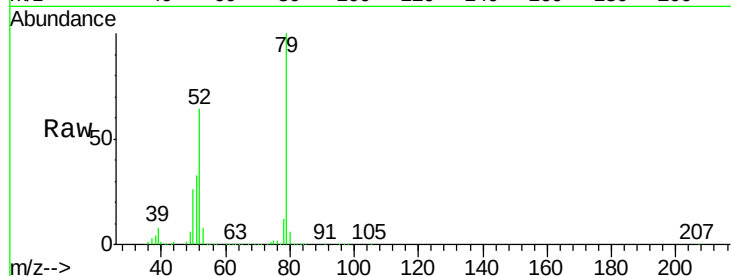
Tot Ion: 79 Resp: 1272029

Ion Ratio Lower Upper

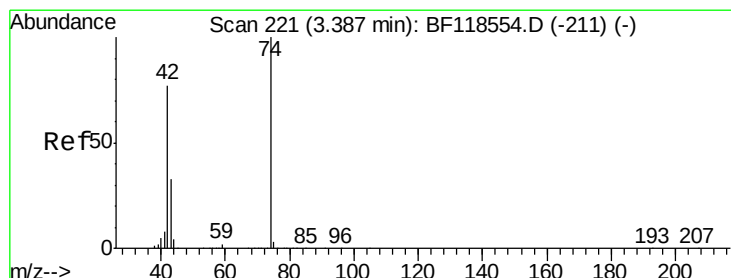
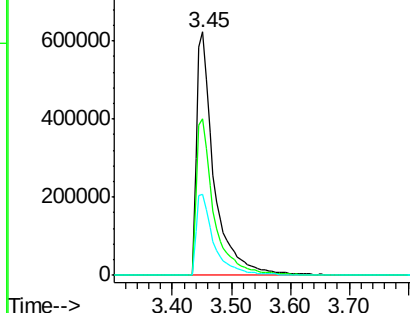
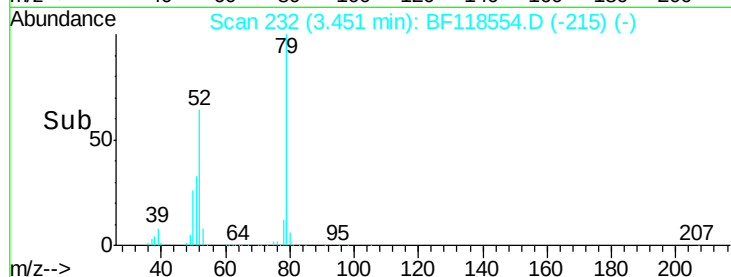
79 100

52 64.1 51.3 76.9

51 33.4 26.7 40.1



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: 60.267 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

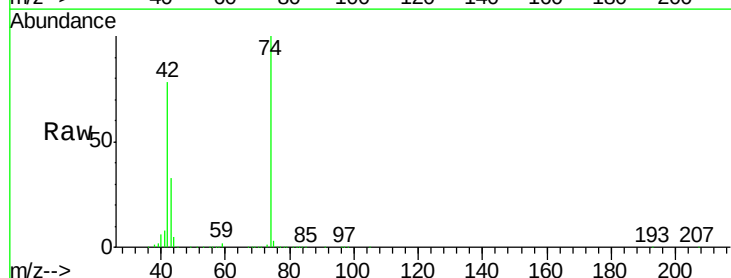
Tgt Ion: 42 Resp: 580800

Ion Ratio Lower Upper

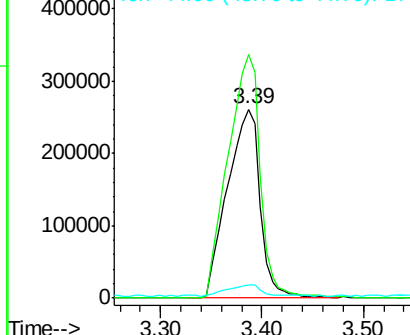
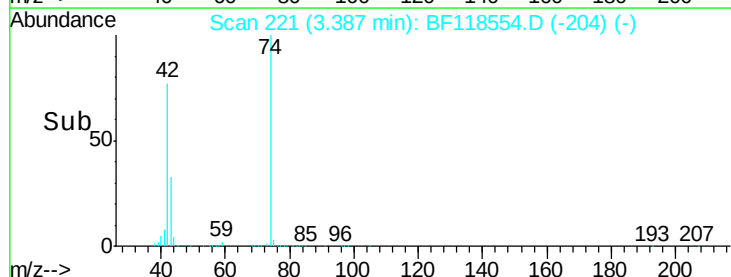
42 100

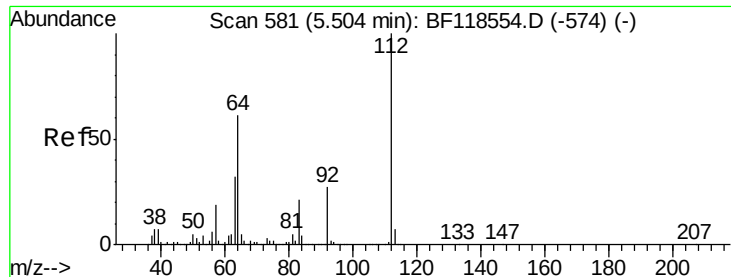
74 128.9 103.1 154.7

44 6.8 5.4 8.2



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: 74.550 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF118554.D

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Instrument :

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ClientSampleId :

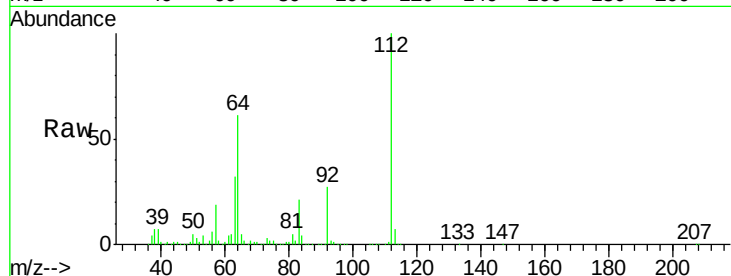
Tot Ion:112 Resp: 1928579

Ion Ratio Lower Upper

112 100

64 61.4 49.1 73.7

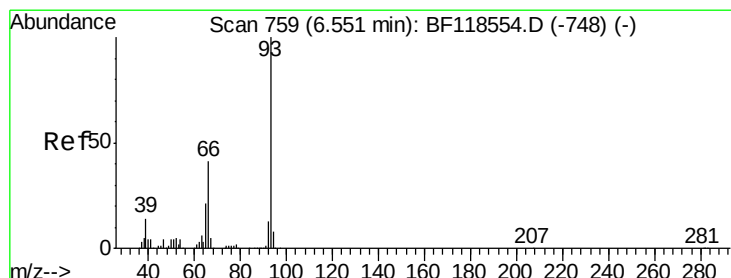
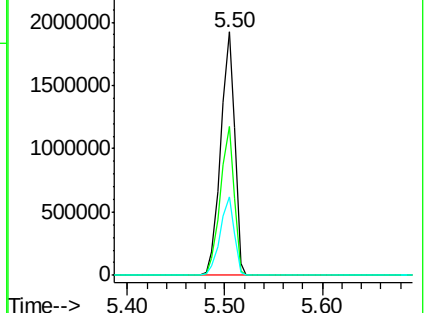
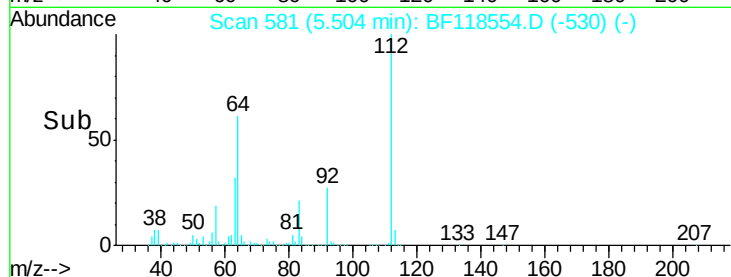
63 32.3 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 43.378 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

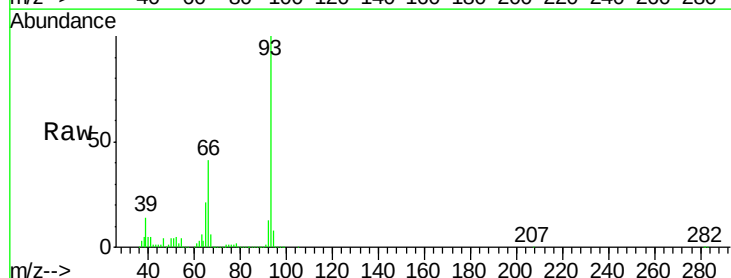
Tgt Ion: 93 Resp: 1703433

Ion Ratio Lower Upper

93 100

66 41.1 32.9 49.3

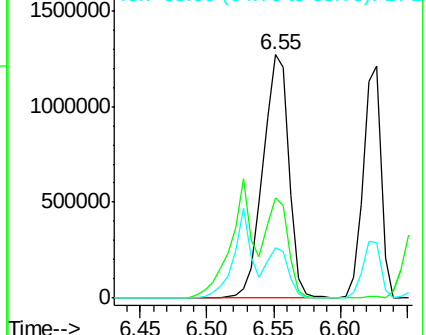
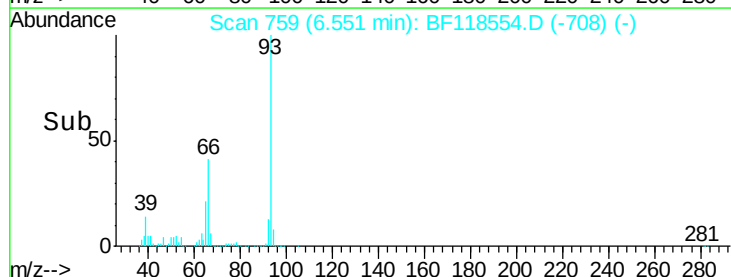
65 20.6 16.5 24.7

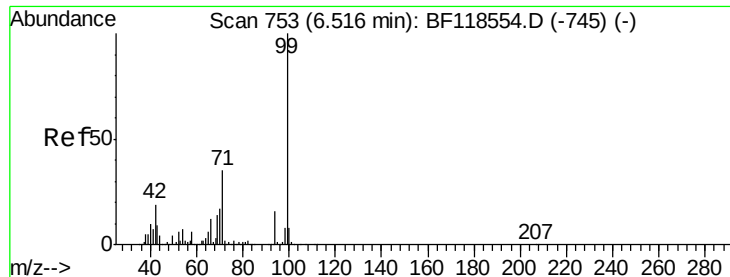


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.582 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118554.D

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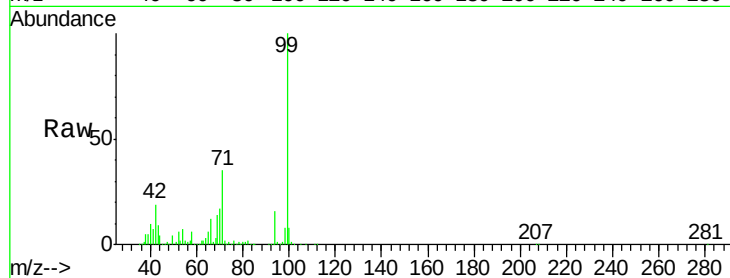
Tot Ion: 99 Resp: 2539162

Ion Ratio Lower Upper

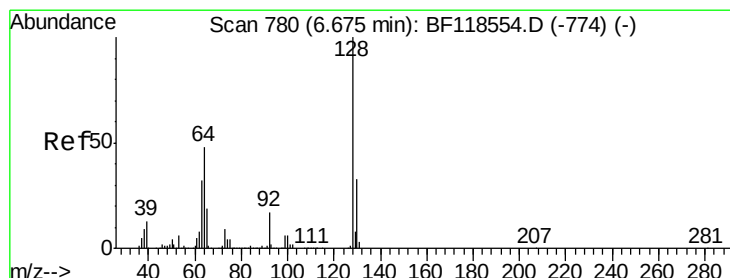
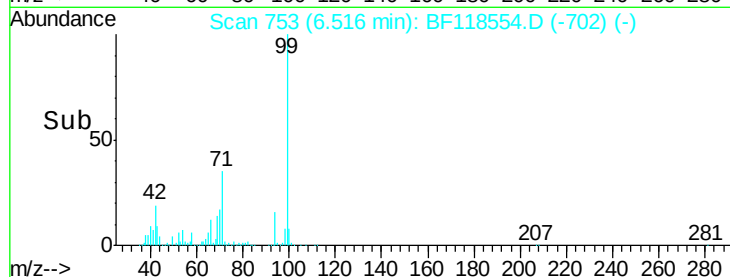
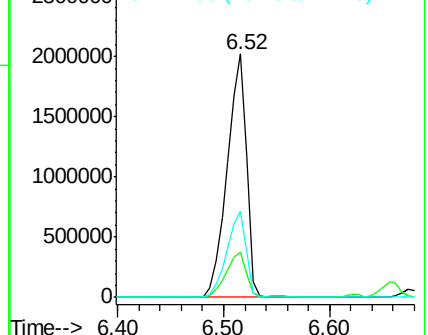
99 100

42 18.6 14.9 22.3

71 35.4 28.3 42.5



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



#8

2-Chlorophenol

Concen: 38.545 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF118554.D

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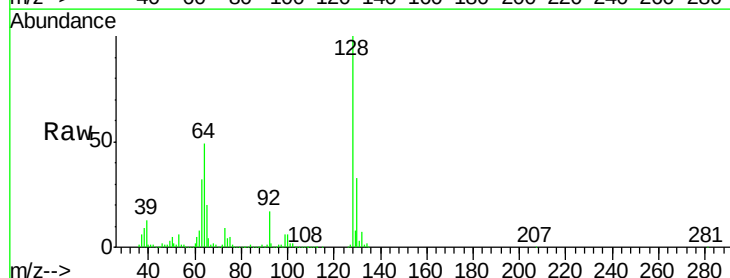
Tgt Ion: 128 Resp: 1117715

Ion Ratio Lower Upper

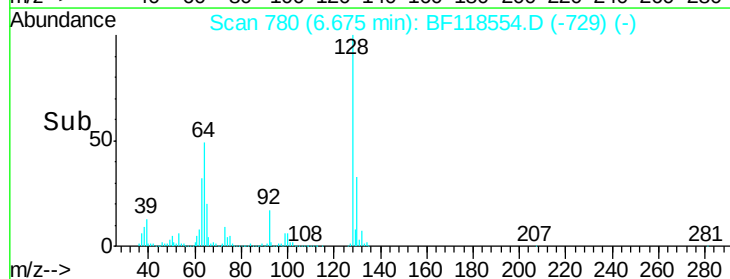
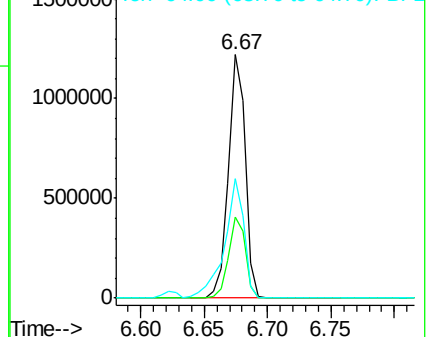
128 100

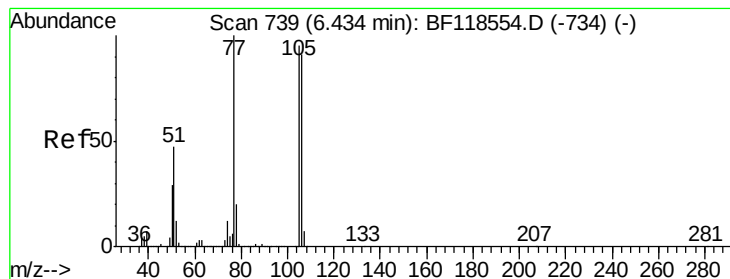
130 33.2 13.2 53.2

64 48.9 28.9 68.9



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





#9

Benzaldehyde

Concen: 39.439 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

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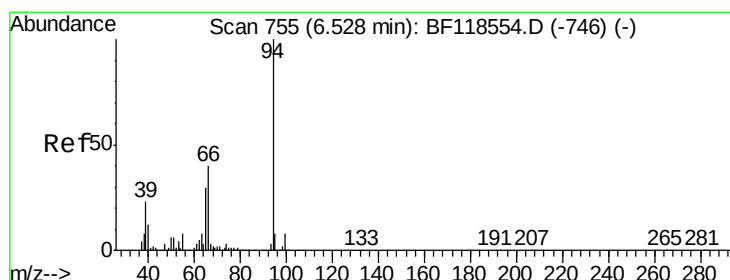
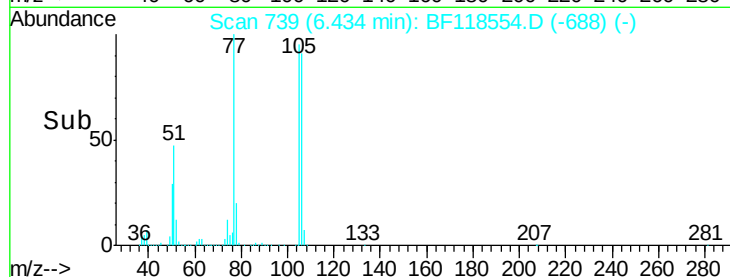
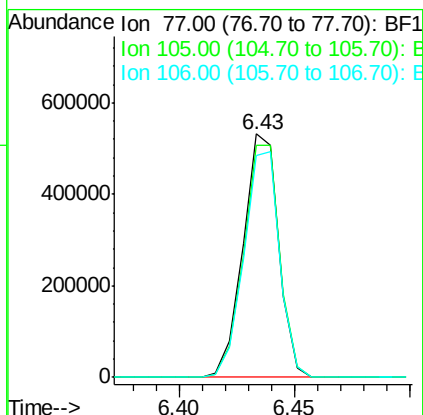
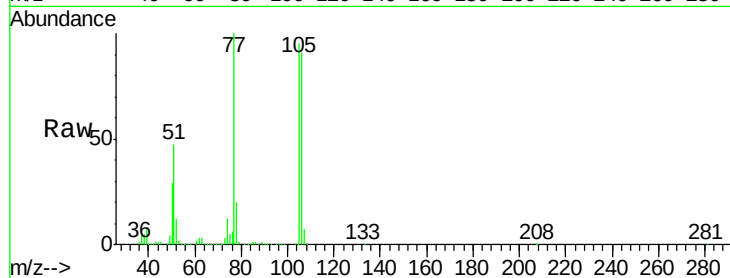
Tot Ion: 77 Resp: 571665

Ion Ratio Lower Upper

77 100

105 95.2 75.2 115.2

106 91.4 71.4 111.4



#10

Phenol

Concen: 38.635 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

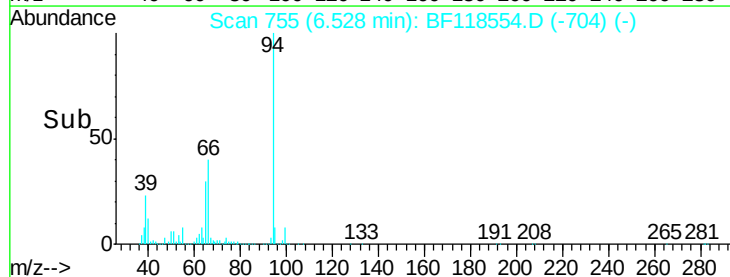
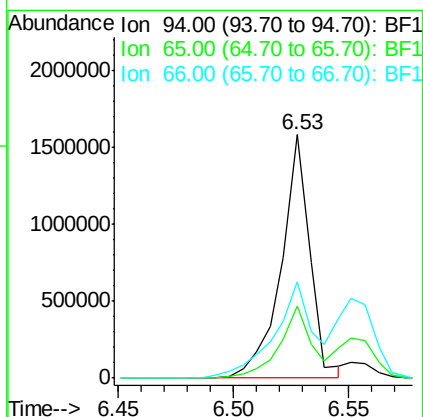
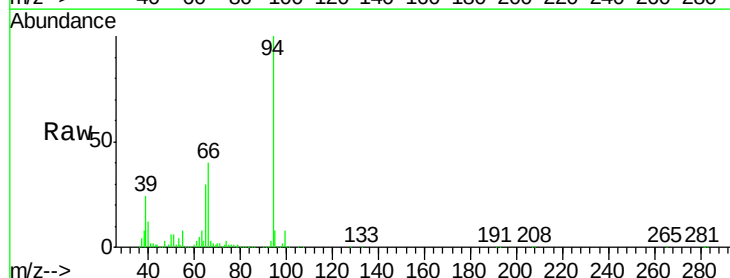
Tgt Ion: 94 Resp: 1352065

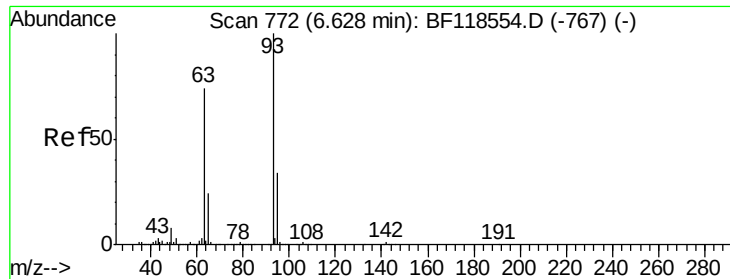
Ion Ratio Lower Upper

94 100

65 29.8 9.8 49.8

66 39.5 19.5 59.5

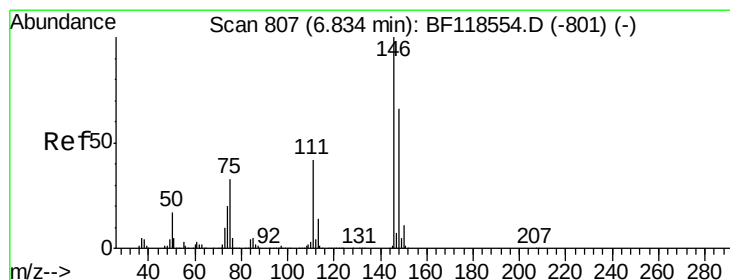
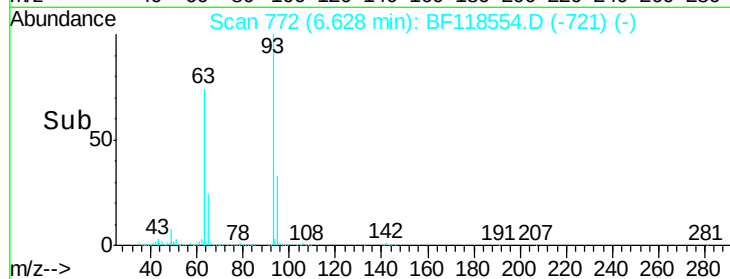
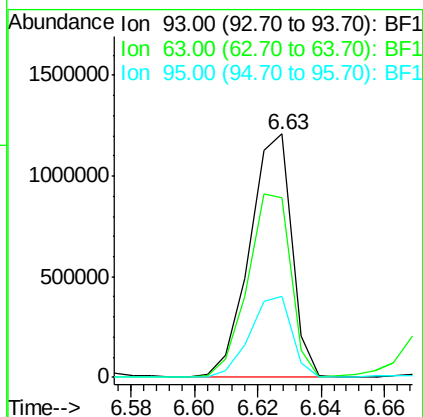
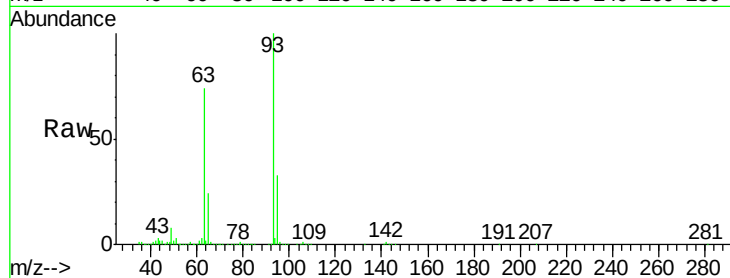




#11
bis(2-Chloroethyl)ether
Concen: 42.335 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

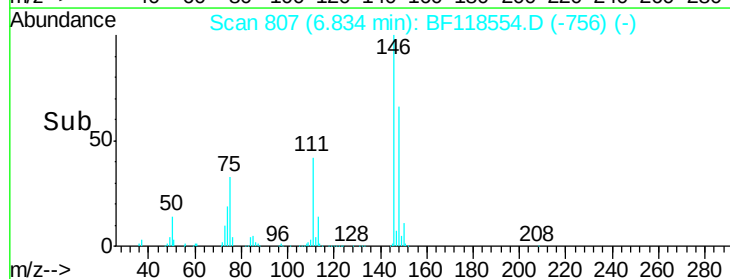
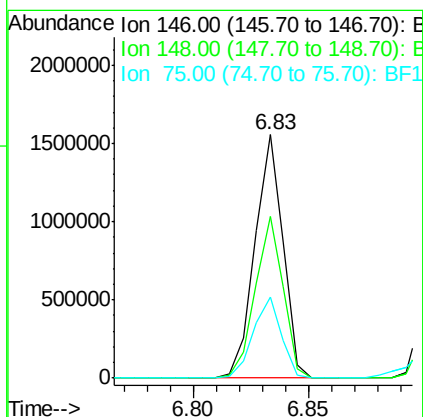
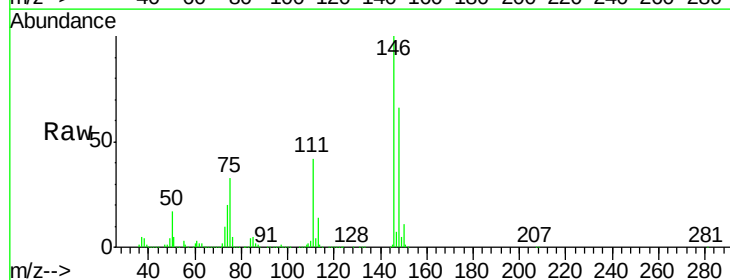
Instrument :
BNA_F
ClientSampleId :

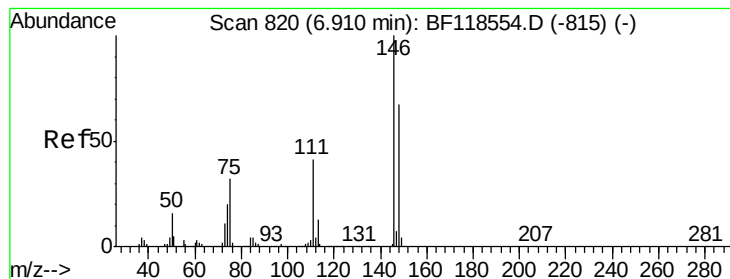
Tot Ion: 93 Resp: 1113893
Ion Ratio Lower Upper
93 100
63 74.0 54.0 94.0
95 33.5 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 39.314 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Tgt Ion: 146 Resp: 1321311
Ion Ratio Lower Upper
146 100
148 66.3 53.0 79.6
75 33.1 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 39.486 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Instrument :

BNA_F

ClientSampleId :

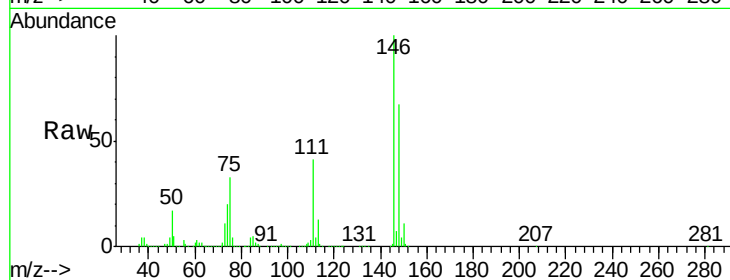
Tot Ion:146 Resp: 1329752

Ion Ratio Lower Upper

146 100

148 66.8 53.4 80.2

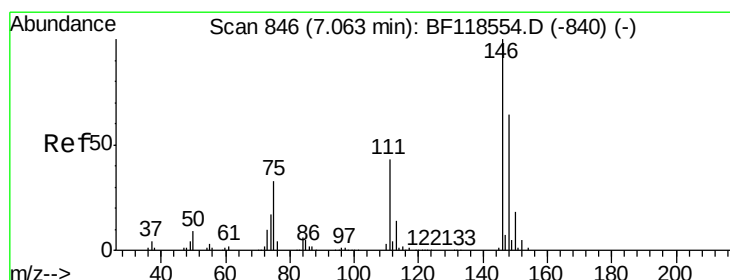
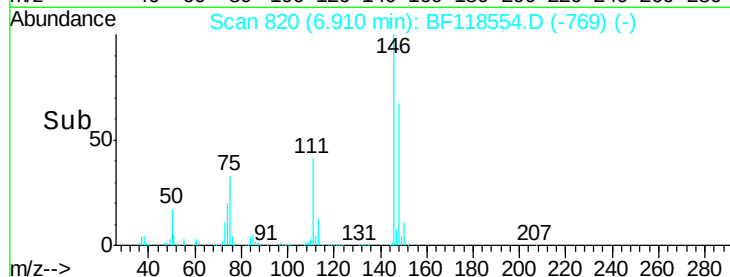
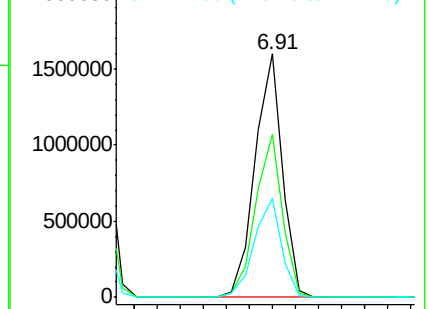
111 40.7 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.601 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

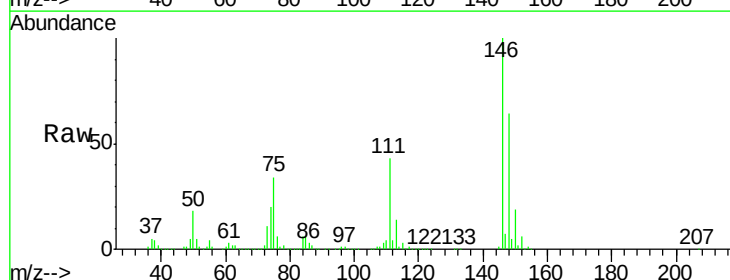
Tgt Ion:146 Resp: 1266765

Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

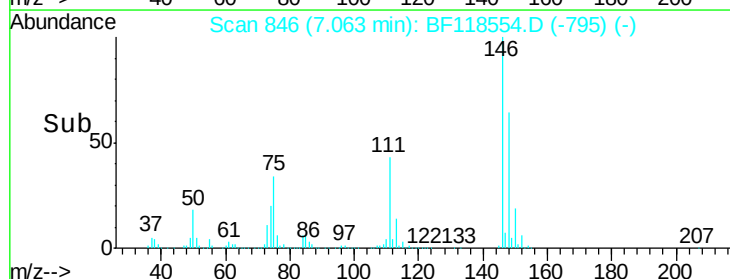
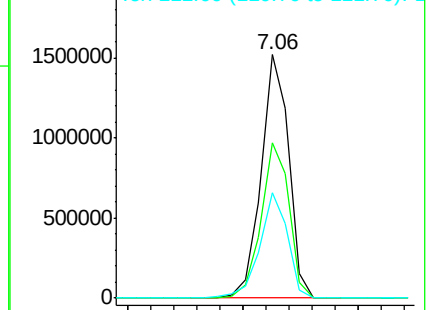
111 43.3 34.6 52.0

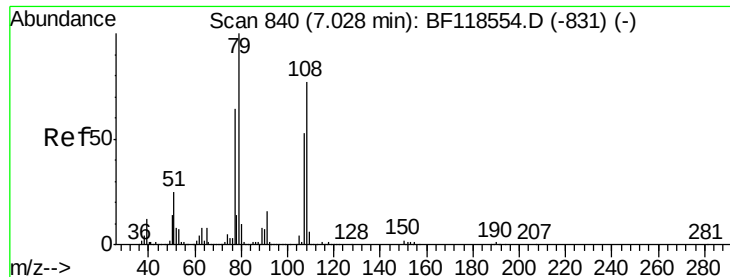


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.236 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Instrument :

BNA_F

ClientSampled :

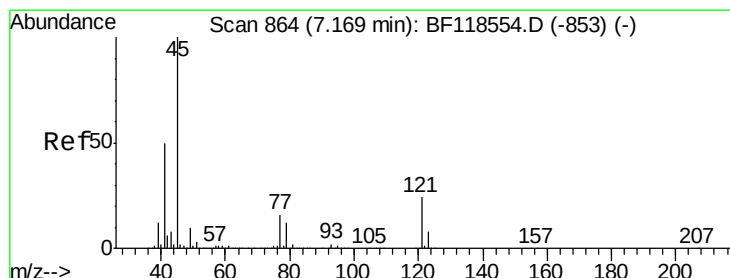
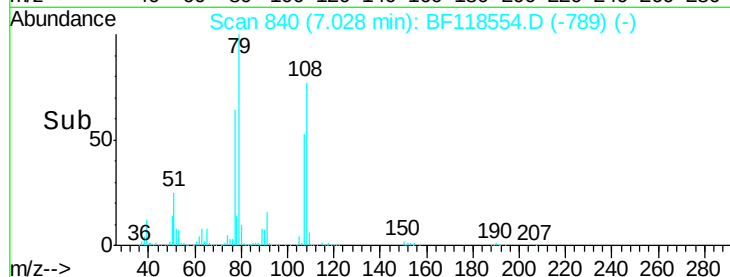
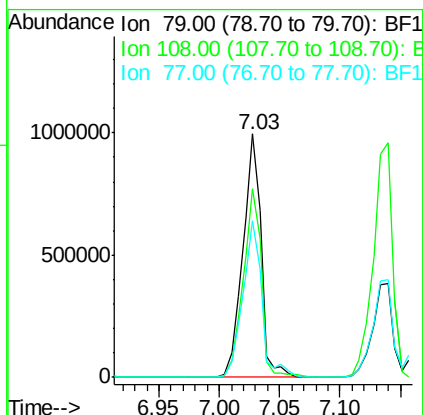
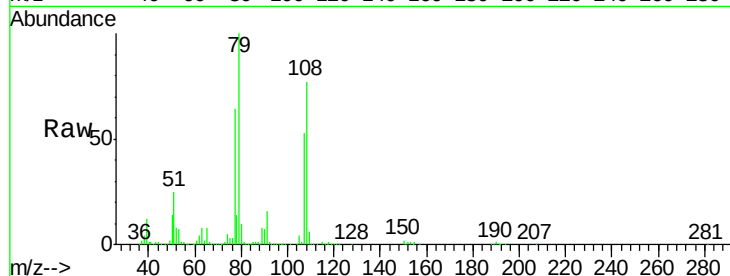
Tot Ion: 79 Resp: 1047841

Ion Ratio Lower Upper

79 100

108 77.4 61.9 92.9

77 64.4 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 60.058 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

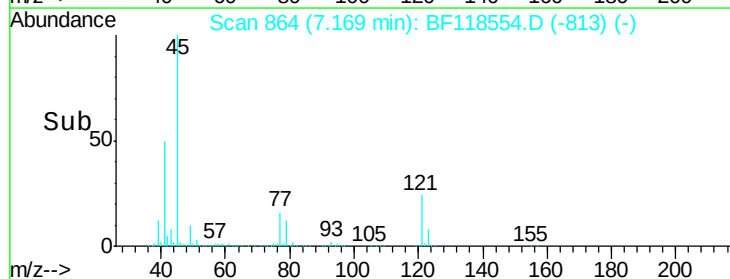
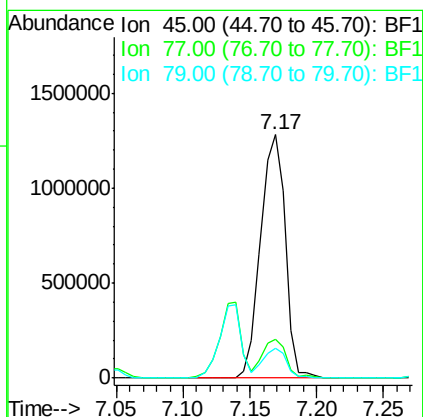
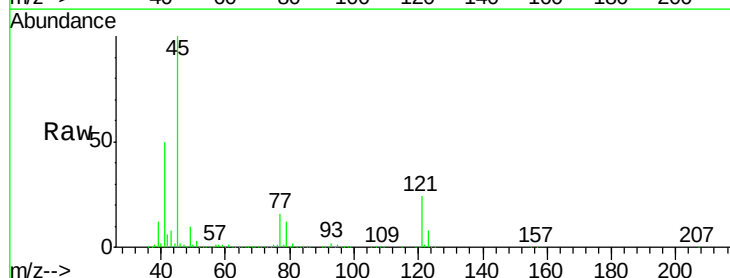
Tgt Ion: 45 Resp: 1636242

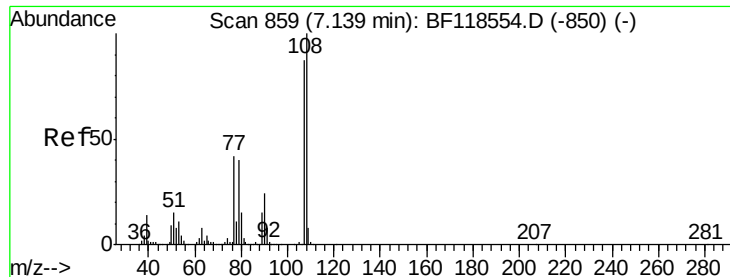
Ion Ratio Lower Upper

45 100

77 15.8 0.0 35.8

79 12.2 0.0 32.2

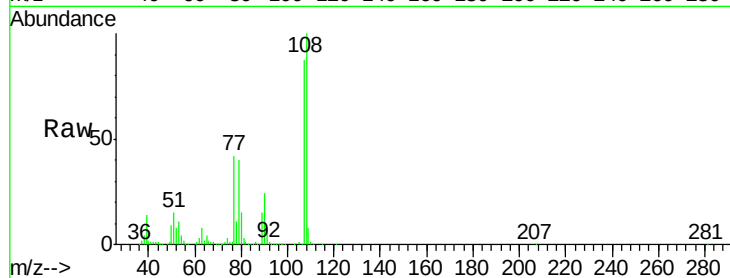




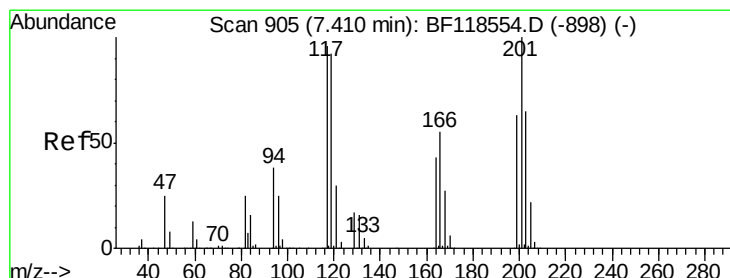
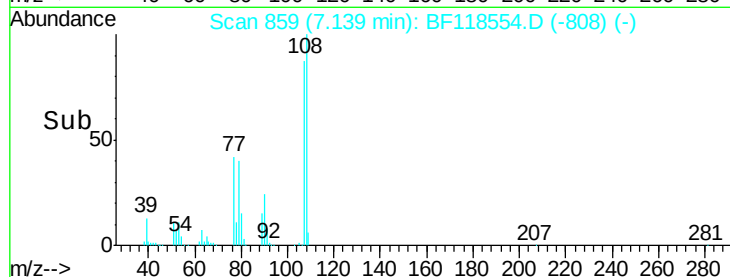
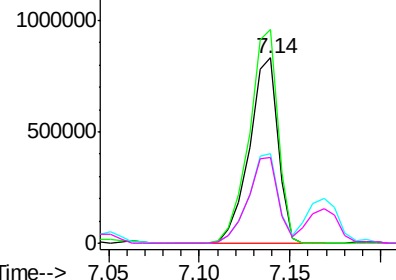
#17
2-Methylphenol
Concen: 40.647 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	919721
Ion	Ratio	Lower	Upper
107	100		
108	115.4	92.3	138.5
77	48.2	38.6	57.8
79	46.3	37.0	55.6

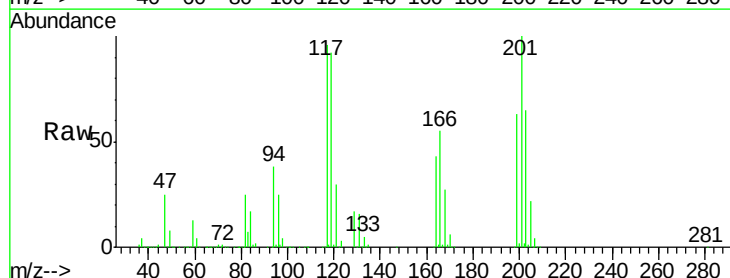


Abundance Ion 107.00 (106.70 to 107.70): E
1500000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

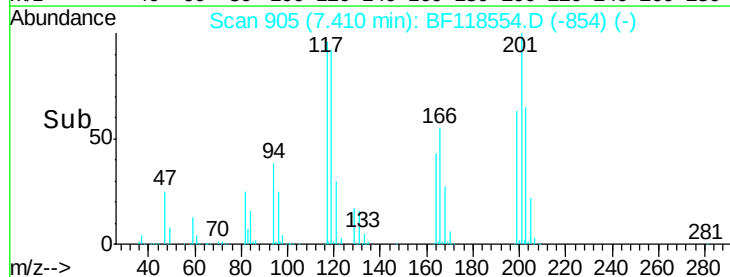
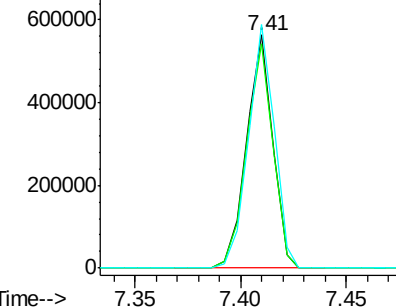


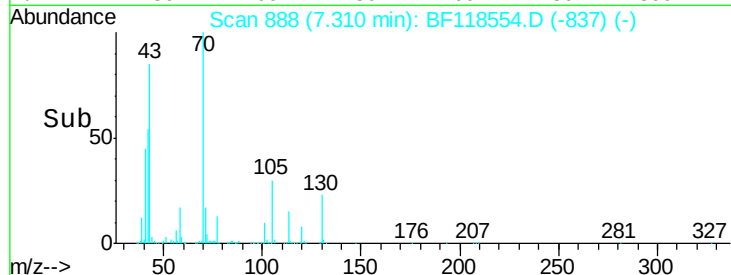
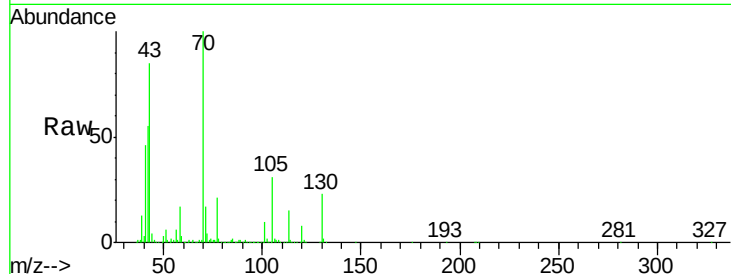
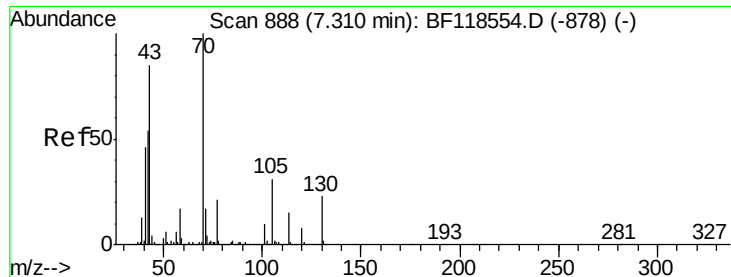
#18
Hexachloroethane
Concen: 40.834 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Tgt Ion:	117	Resp:	487966
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.9	115.3
201	104.5	83.6	125.4



Abundance Ion 117.00 (116.70 to 117.70): E
800000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

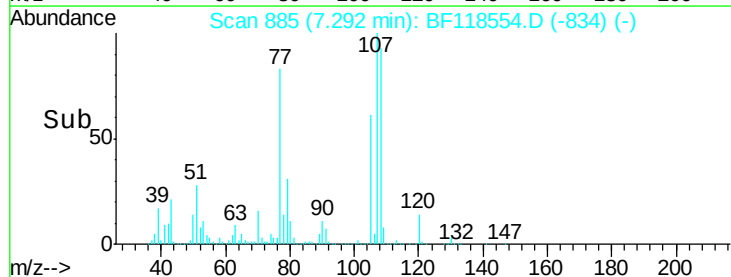
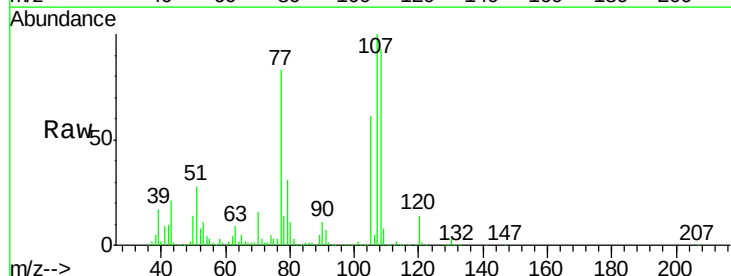
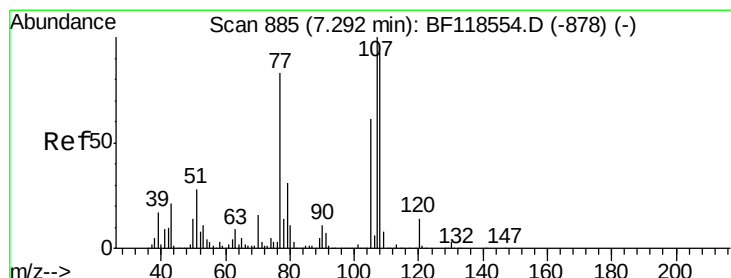
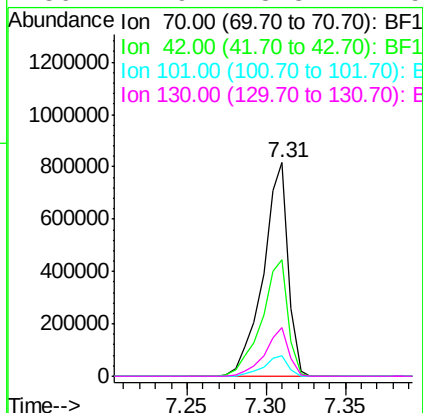




#19
n-Nitroso-di-n-propylamine
Concen: 49.956 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

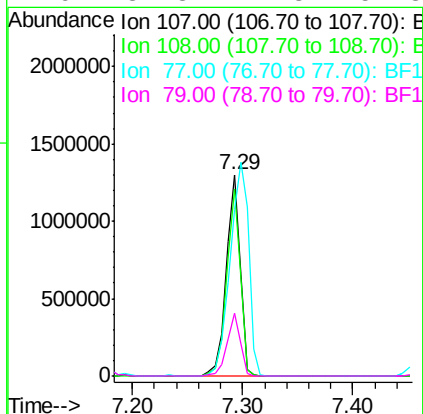
Instrument :
BNA_F
ClientSampleId :

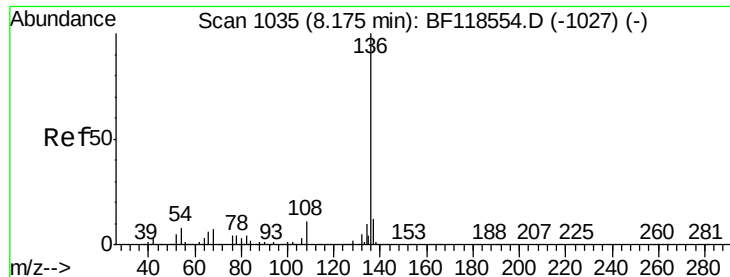
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.5	43.6	65.4
101	9.6	7.7	11.5
130	22.9	18.3	27.5



#20
3+4-Methylphenols
Concen: 38.989 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.6	72.6	112.6
77	83.0	63.0	103.0
79	31.3	11.3	51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1611330

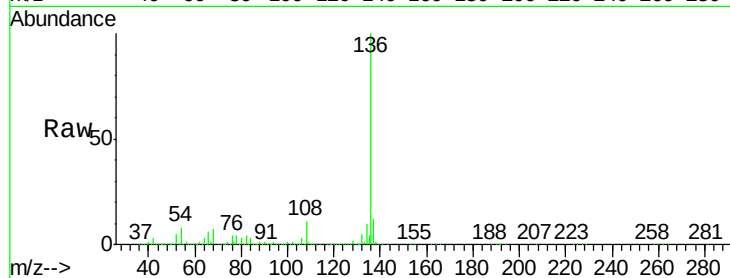
Ion Ratio Lower Upper

136 100

137 11.7 9.4 14.0

54 7.7 6.2 9.2

68 6.7 5.4 8.0

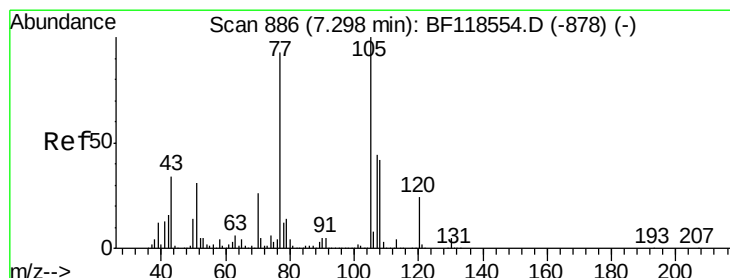
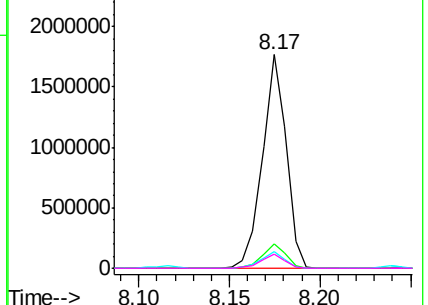
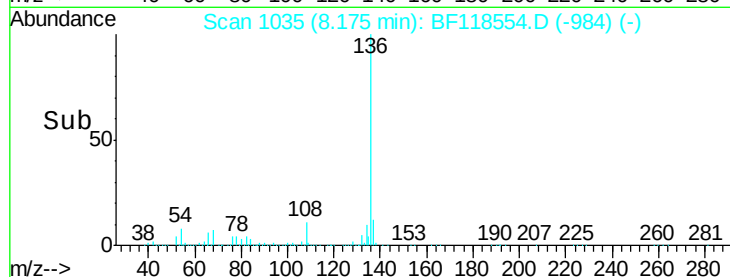


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.530 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Tgt Ion:105 Resp: 1589845

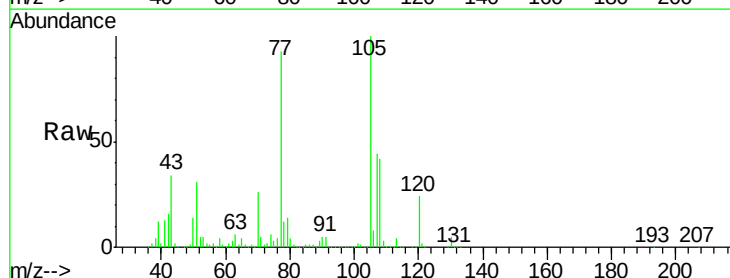
Ion Ratio Lower Upper

105 100

71 4.7 3.8 5.6

51 31.1 24.9 37.3

120 24.0 19.2 28.8

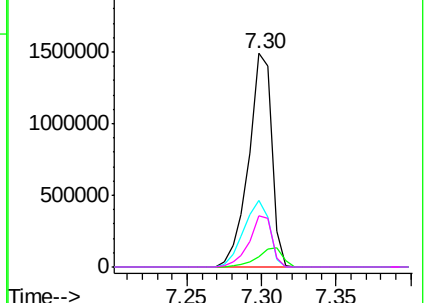
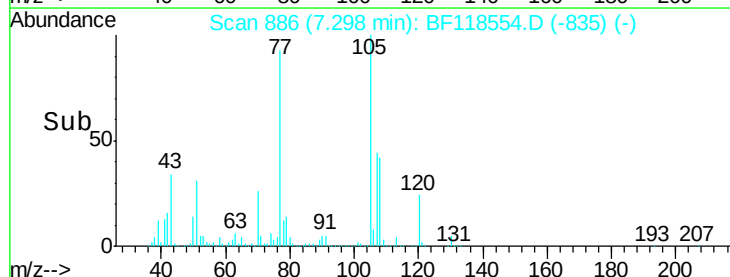


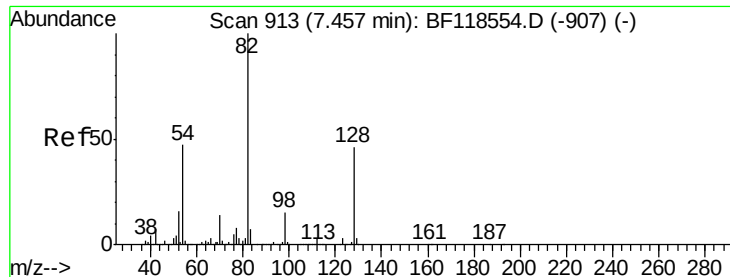
Abundance Ion 105.00 (104.70 to 105.70): E

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: 82.959 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Instrument :

BNA_F

ClientSampleId :

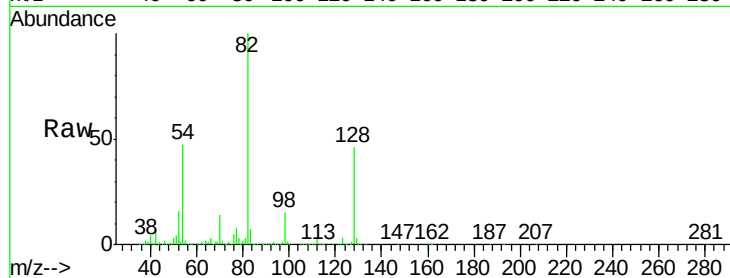
Tot Ion: 82 Resp: 2182888

Ion Ratio Lower Upper

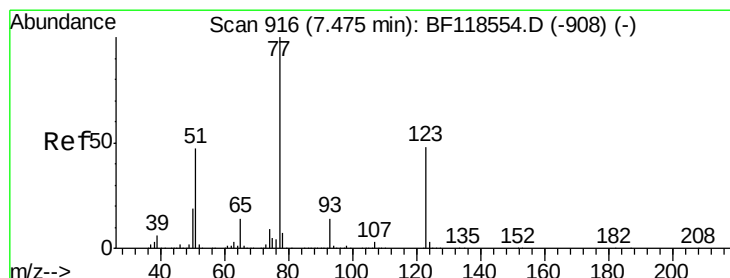
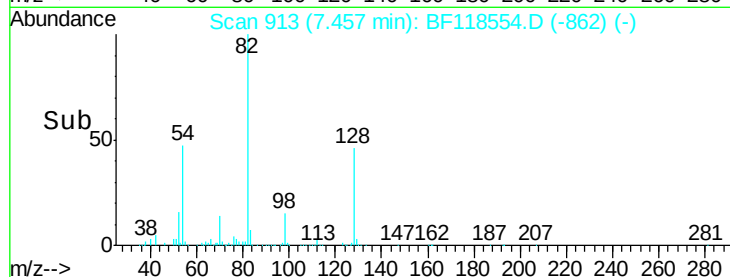
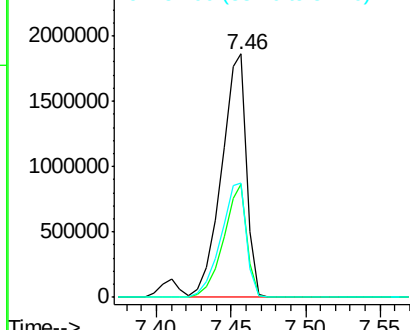
82 100

128 46.2 37.0 55.4

54 46.7 37.4 56.0



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



#24

Nitrobenzene

Concen: 44.583 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

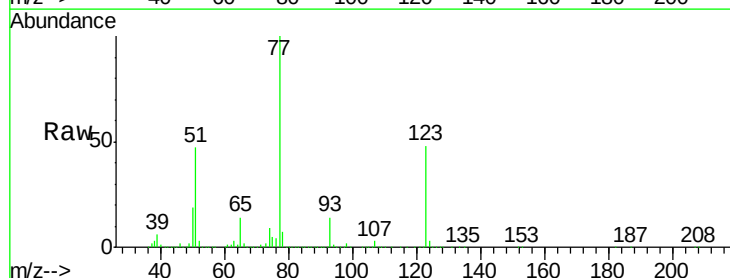
Tgt Ion: 77 Resp: 1166030

Ion Ratio Lower Upper

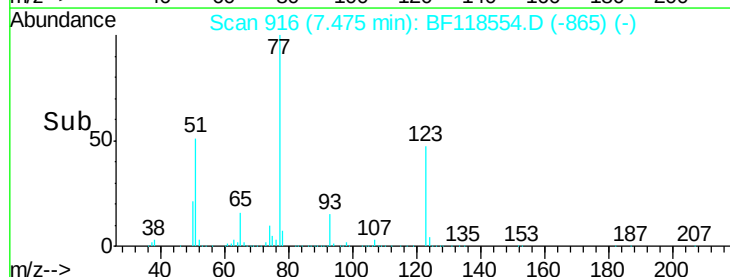
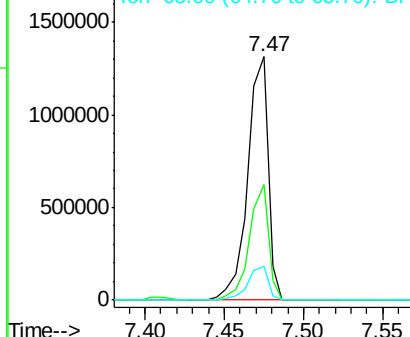
77 100

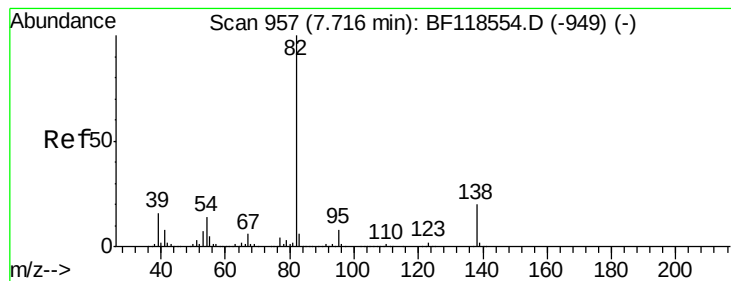
123 47.7 38.2 57.2

65 13.9 11.1 16.7



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





#25

Isophorone

Concen: 47.232 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Instrument :

BNA_F

ClientSampleId :

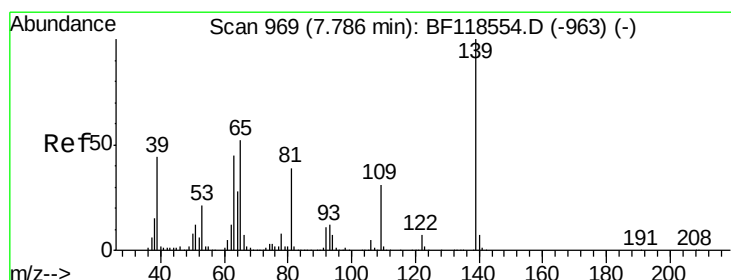
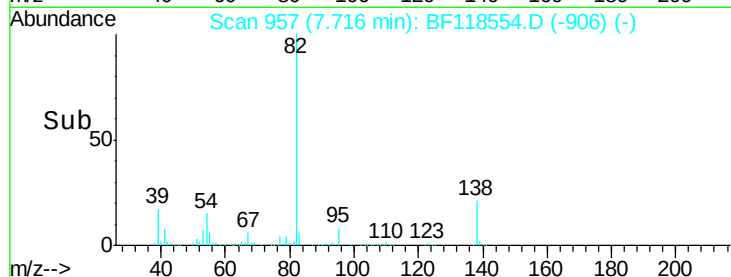
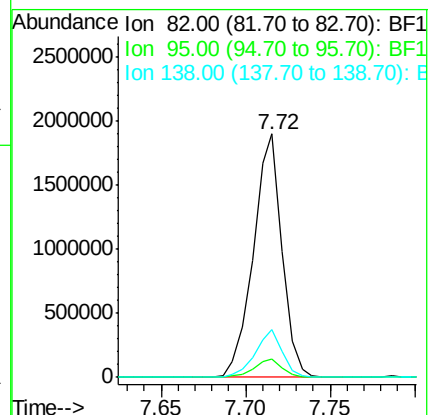
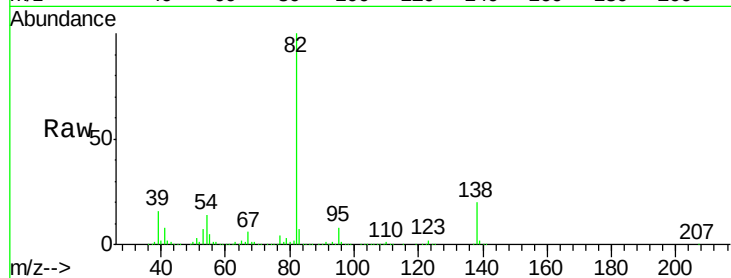
Tot Ion: 82 Resp: 2239559

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

138 19.8 15.8 23.8



#26

2-Nitrophenol

Concen: 28.250 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

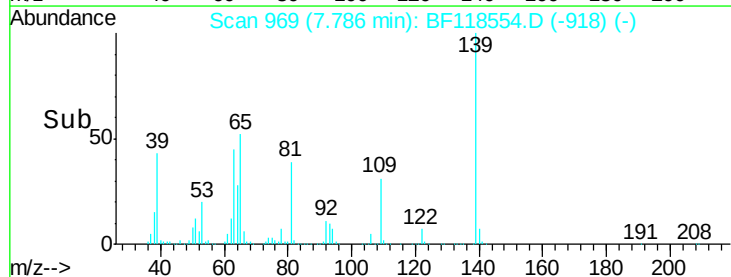
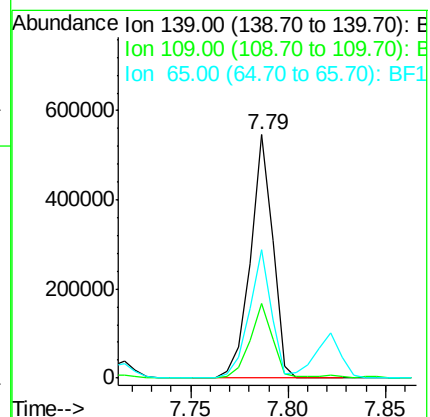
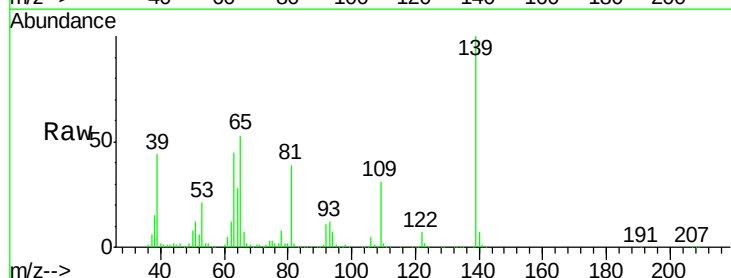
Tgt Ion: 139 Resp: 433523

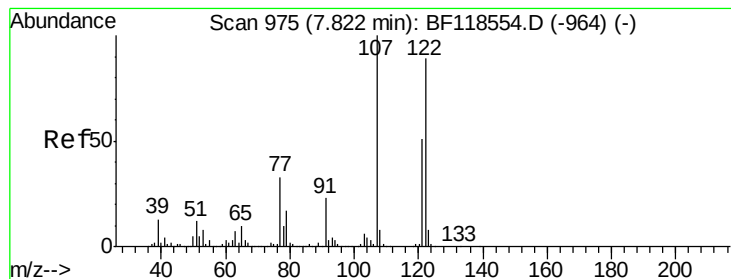
Ion Ratio Lower Upper

139 100

109 30.7 24.6 36.8

65 52.6 42.1 63.1





#27

2,4-Dimethylphenol

Concen: 44.414 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Instrument :

BNA_F

ClientSampleId :

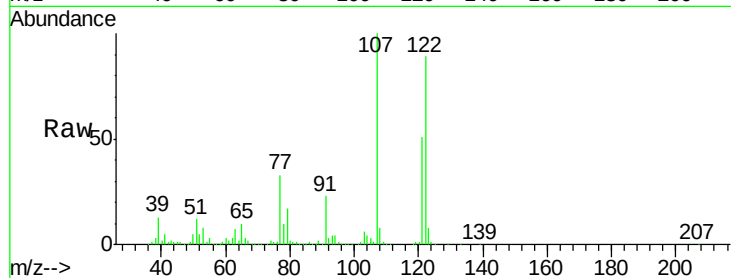
Tot Ion:122 Resp: 909819

Ion Ratio Lower Upper

122 100

107 112.0 89.6 134.4

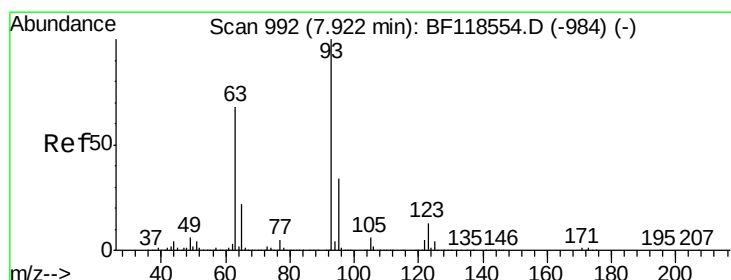
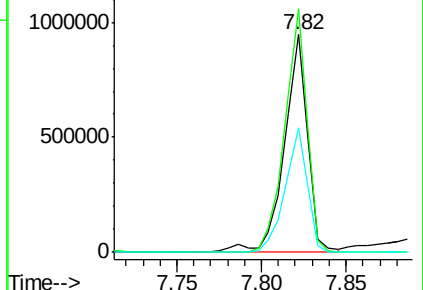
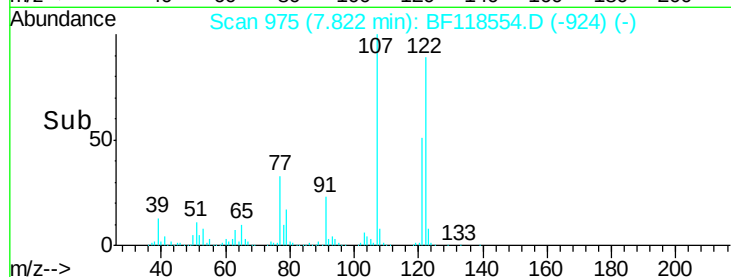
121 57.4 45.9 68.9



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: 44.536 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

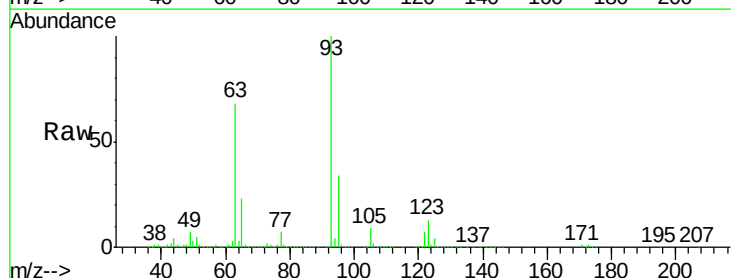
Tgt Ion: 93 Resp: 1455736

Ion Ratio Lower Upper

93 100

95 34.1 27.3 40.9

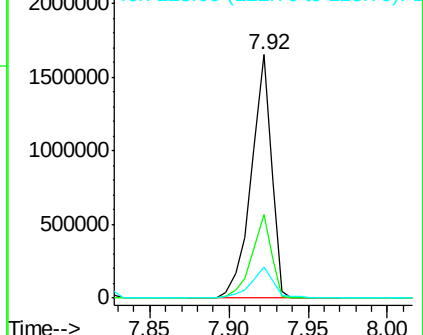
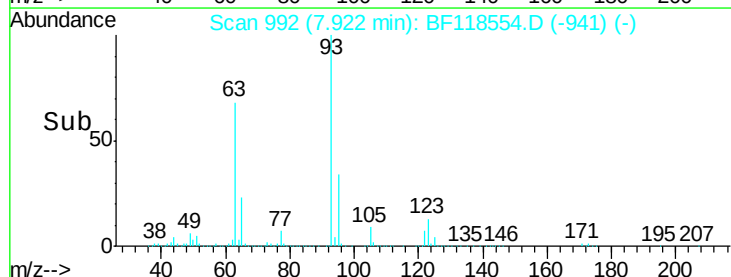
123 12.8 10.2 15.4

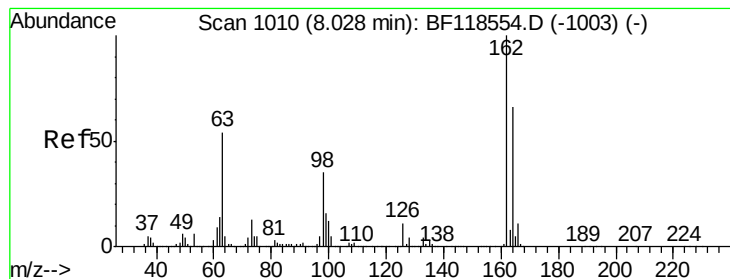


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.215 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Instrument :

BNA_F

ClientSampleId :

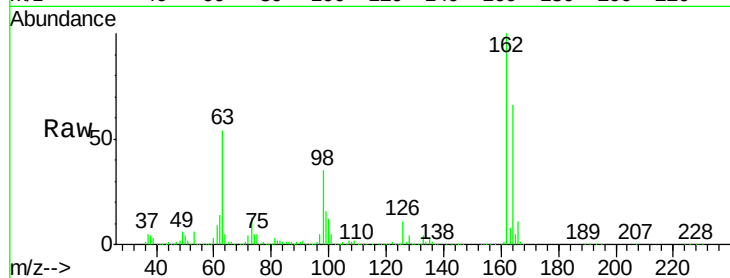
Tot Ion:162 Resp: 1005962

Ion Ratio Lower Upper

162 100

164 65.6 45.6 85.6

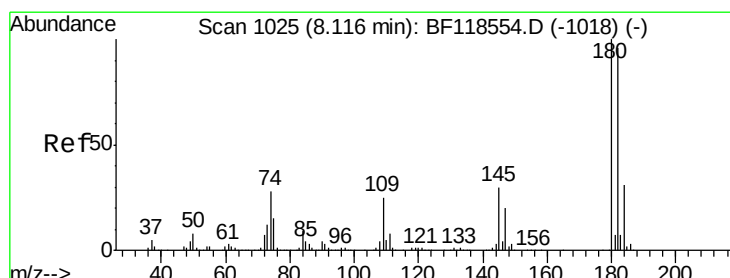
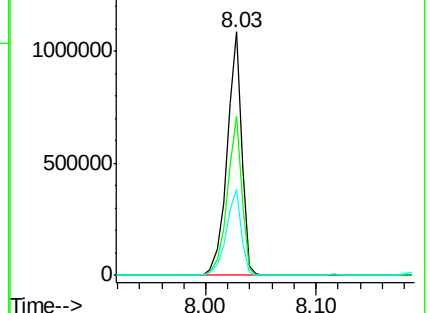
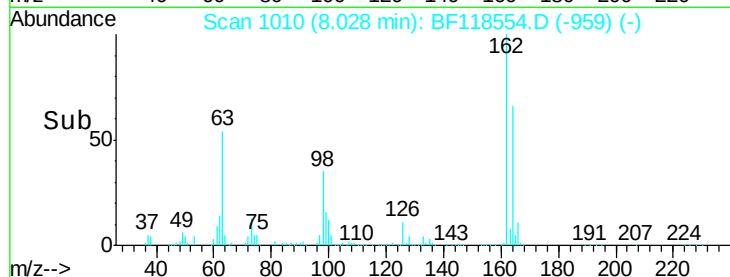
98 35.4 15.4 55.4



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: 43.317 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

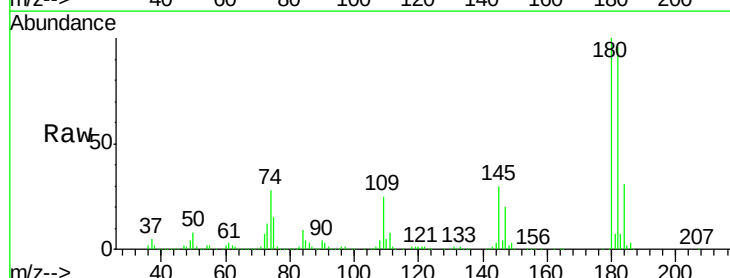
Tgt Ion:180 Resp: 1174892

Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

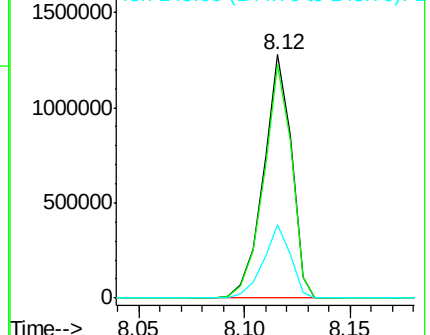
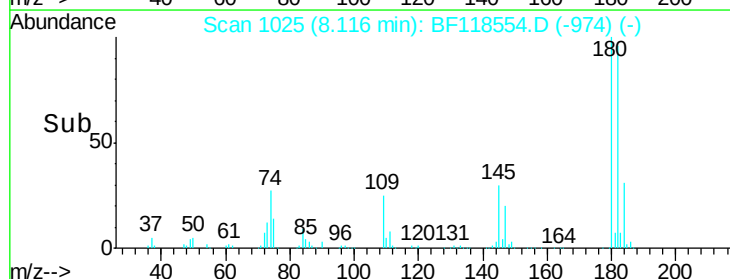
145 30.2 24.2 36.2

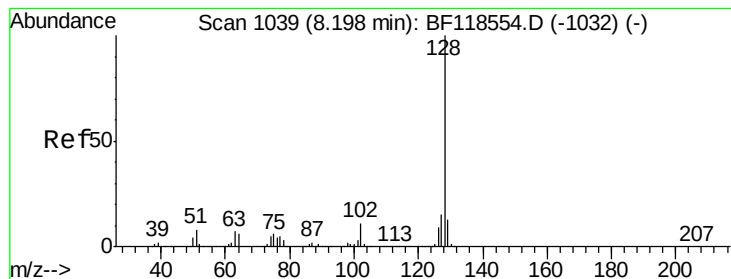


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.750 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Instrument :

BNA_F

ClientSampleId :

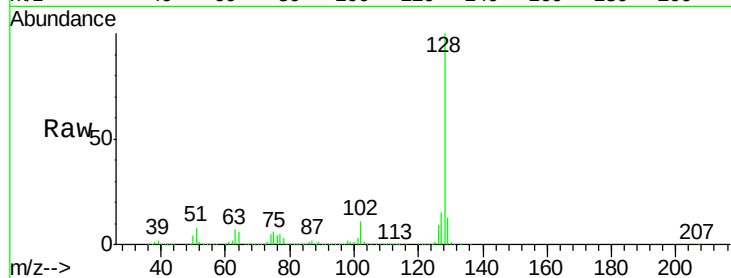
Tot Ion:128 Resp: 3132330

Ion Ratio Lower Upper

128 100

129 12.9 10.3 15.5

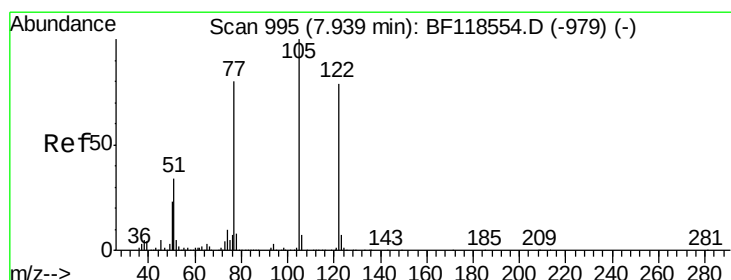
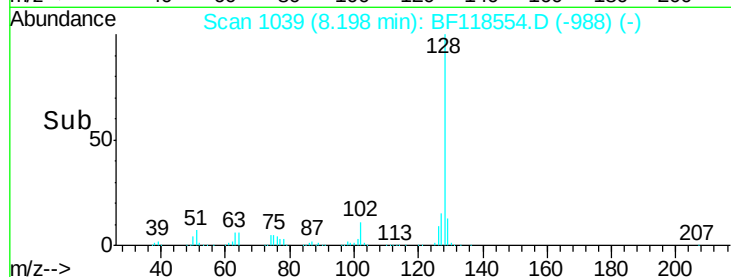
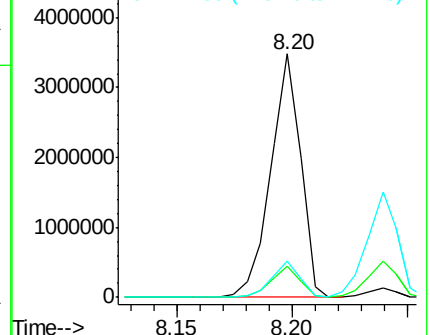
127 15.1 12.1 18.1



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: 37.249 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

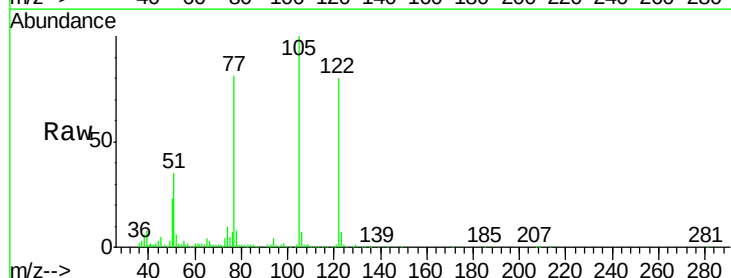
Tgt Ion:122 Resp: 550973

Ion Ratio Lower Upper

122 100

105 125.0 105.0 145.0

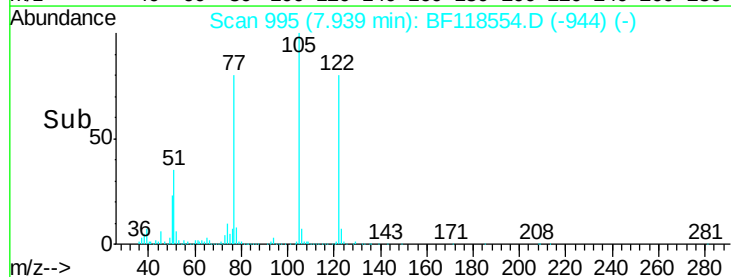
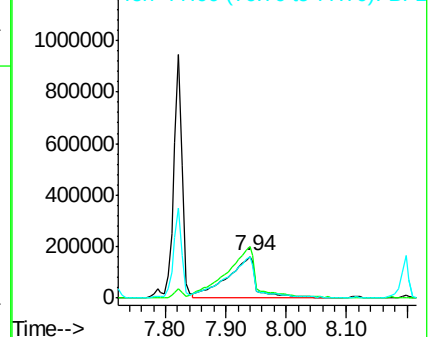
77 100.7 80.7 120.7

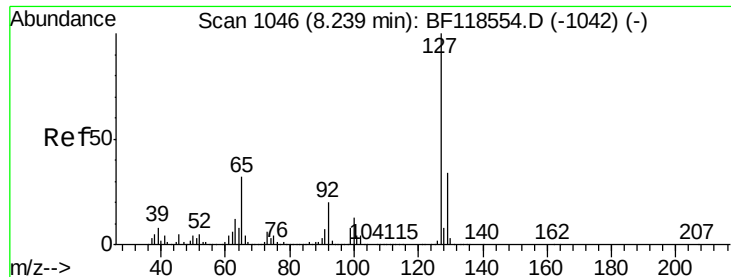


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

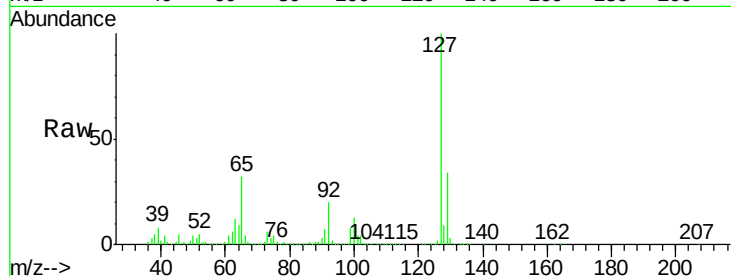




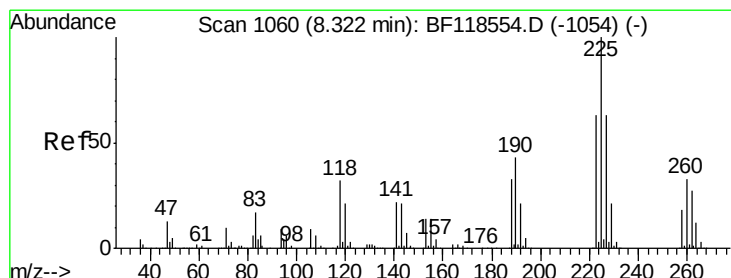
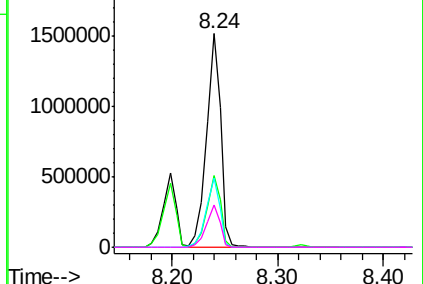
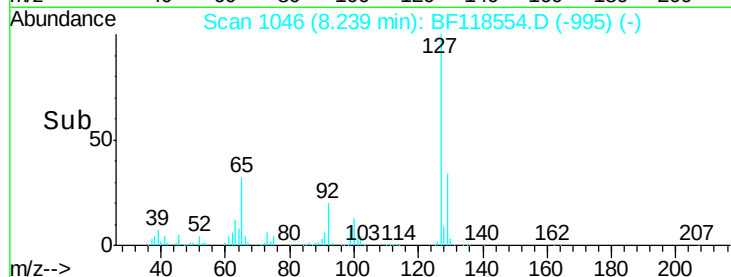
#33
4-Chloroaniline
Concen: 40.948 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1408445
Ion Ratio Lower Upper
127 100
129 33.7 27.0 40.4
65 32.3 25.8 38.8
92 19.8 15.8 23.8

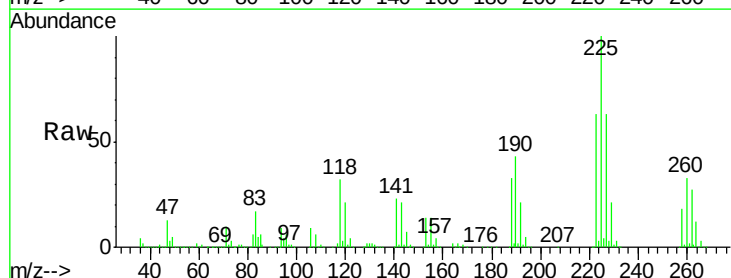


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

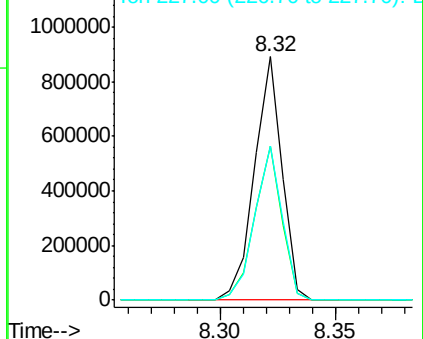
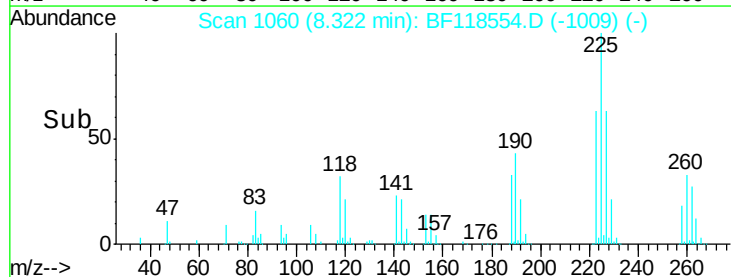


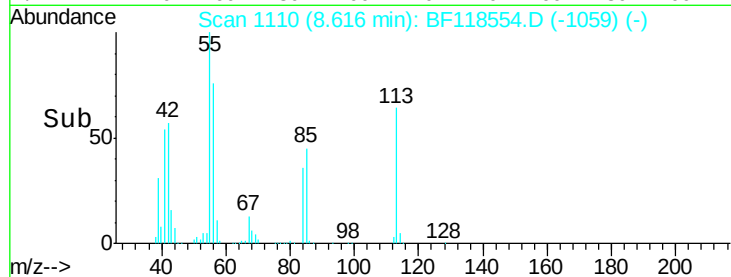
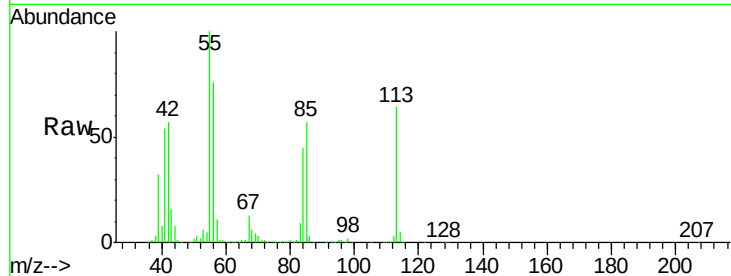
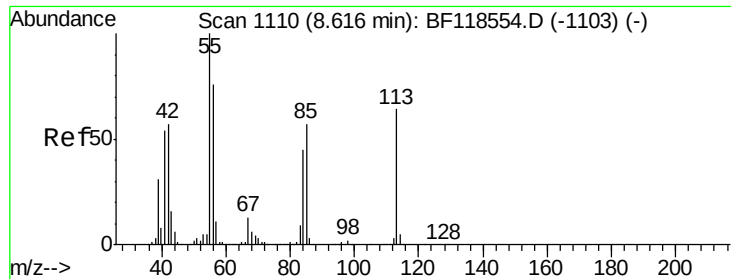
#34
Hexachlorobutadiene
Concen: 46.685 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Tgt Ion:225 Resp: 743919
Ion Ratio Lower Upper
225 100
223 63.3 50.6 76.0
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

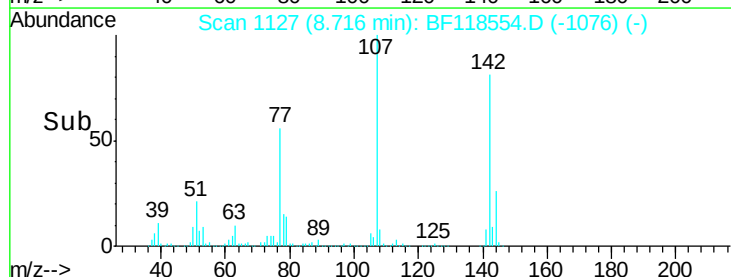
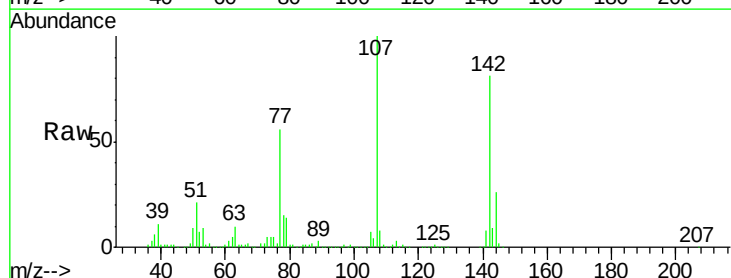
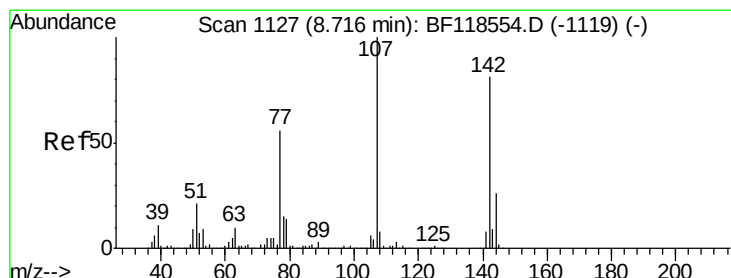
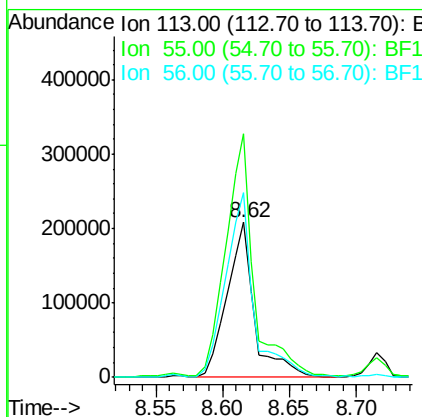




#35
Caprolactam
Concen: 40.901 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

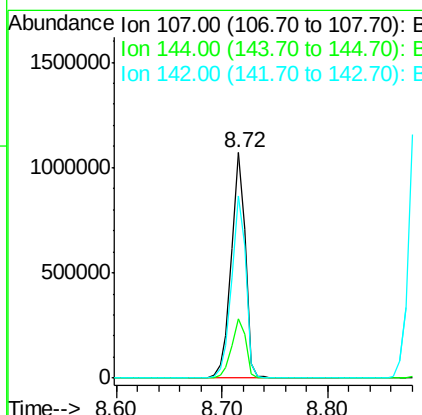
Instrument :
BNA_F
ClientSampleId :

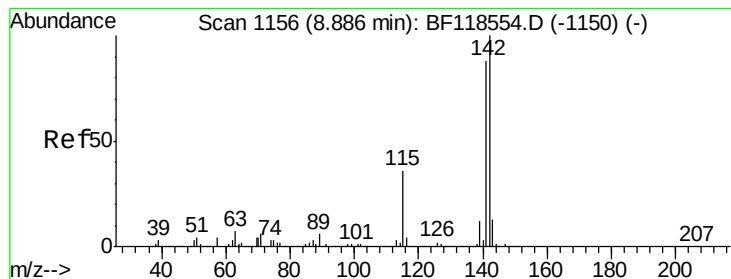
Tot Ion:113 Resp: 300357
Ion Ratio Lower Upper
113 100
55 157.3 137.3 177.3
56 119.7 99.7 139.7



#36
4-Chloro-3-methylphenol
Concen: 39.937 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Tgt Ion:107 Resp: 982200
Ion Ratio Lower Upper
107 100
144 26.5 21.2 31.8
142 80.5 64.4 96.6





#37

2-Methylnaphthalene

Concen: 40.697 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Instrument :

BNA_F

ClientSampleId :

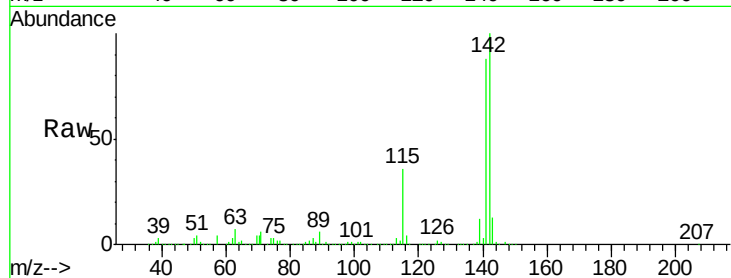
Tot Ion:142 Resp: 2199159

Ion Ratio Lower Upper

142 100

141 88.3 70.6 106.0

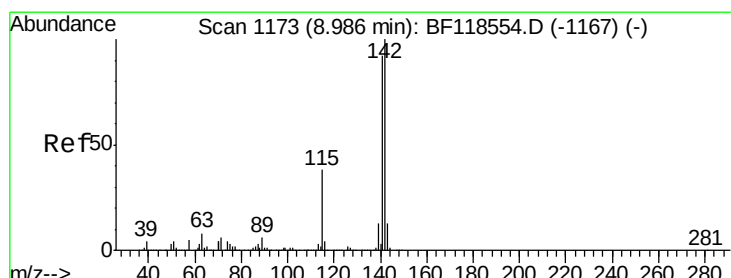
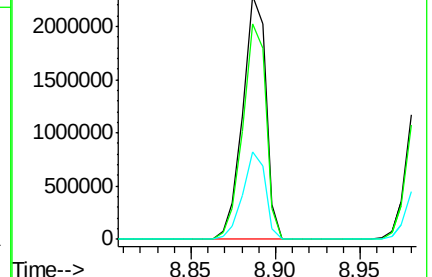
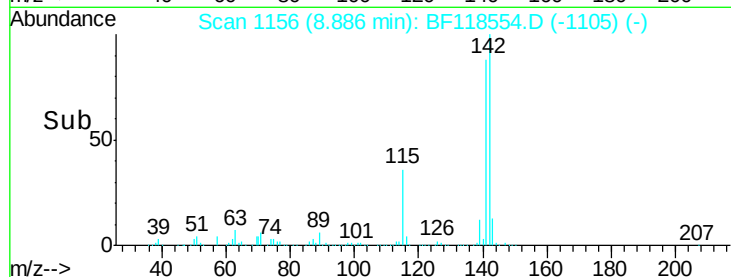
115 36.2 29.0 43.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.609 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

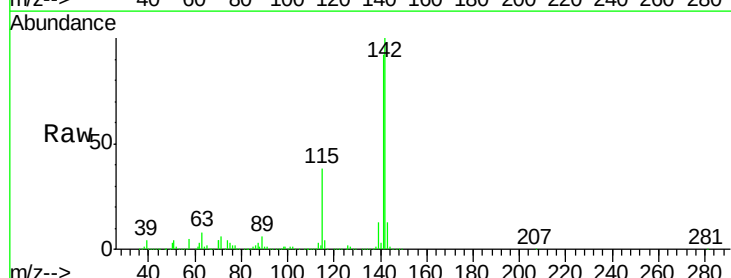
Tgt Ion:142 Resp: 2080762

Ion Ratio Lower Upper

142 100

141 92.2 73.8 110.6

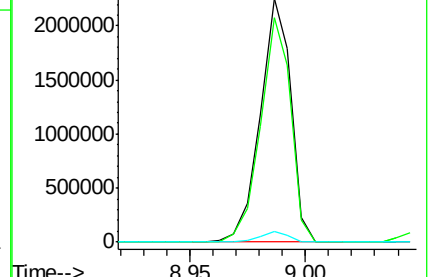
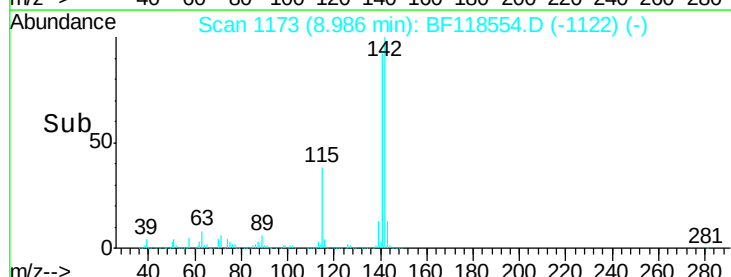
116 4.1 3.3 4.9

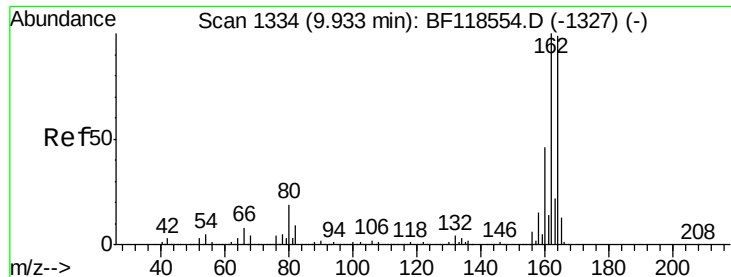


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Instrument :

BNA_F

ClientSampleId :

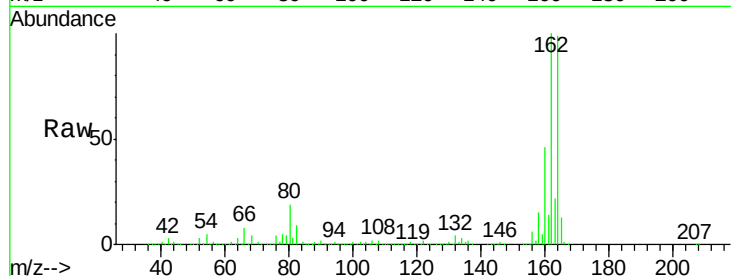
Tot Ion:164 Resp: 901821

Ion Ratio Lower Upper

164 100

162 100.7 80.6 120.8

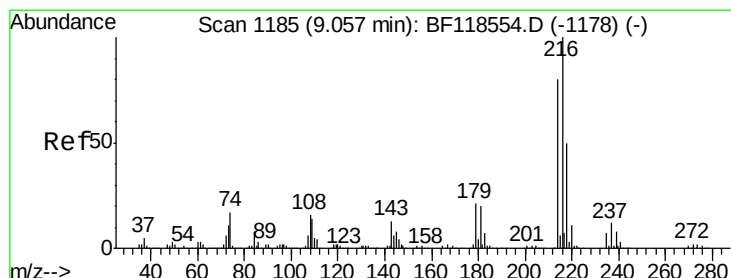
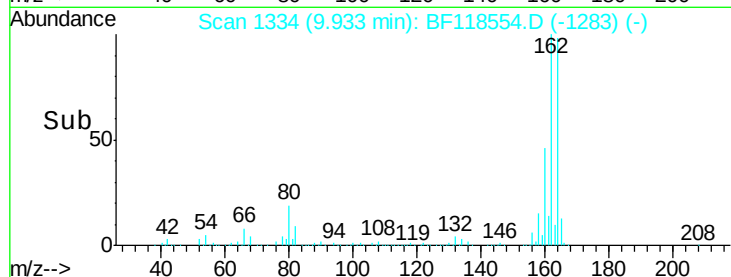
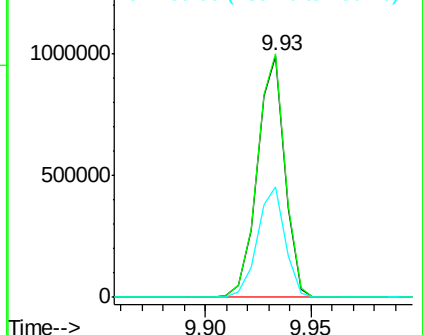
160 45.9 36.7 55.1



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: 43.596 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Tgt Ion:216 Resp: 1205607

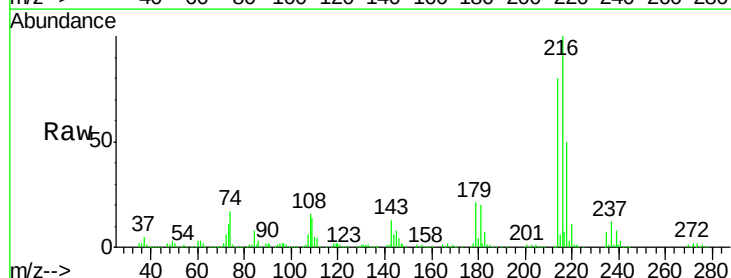
Ion Ratio Lower Upper

216 100

214 79.5 63.6 95.4

179 20.6 16.5 24.7

108 18.2 14.6 21.8

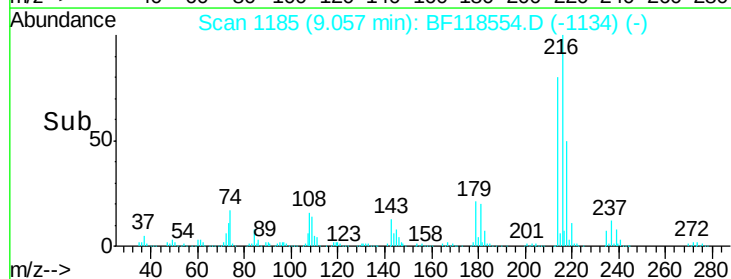
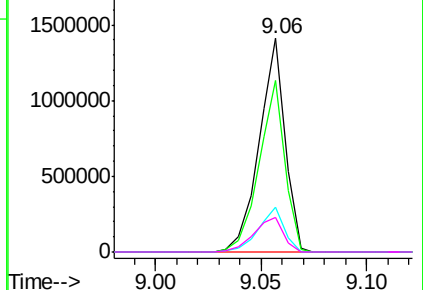


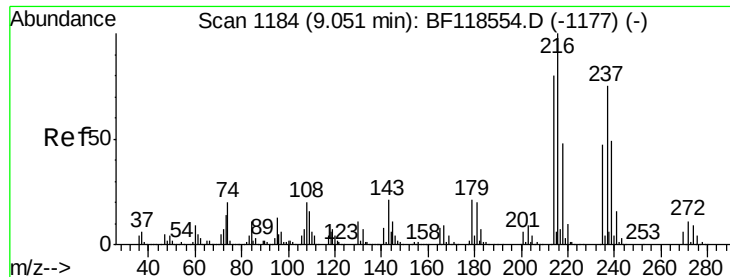
Abundance Ion 216.00 (215.70 to 216.70): E

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: 155.366 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Instrument :

BNA_F

ClientSampled :

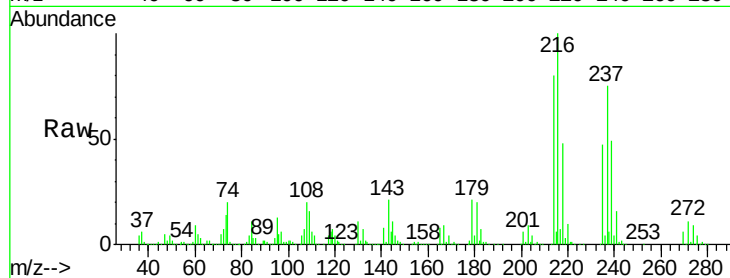
Tot Ion:237 Resp: 649340

Ion Ratio Lower Upper

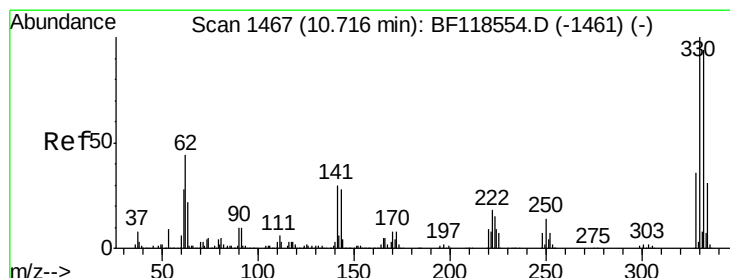
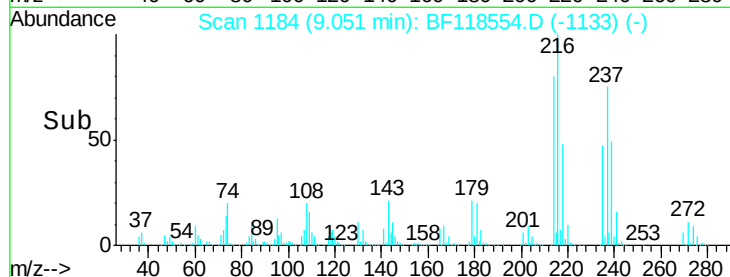
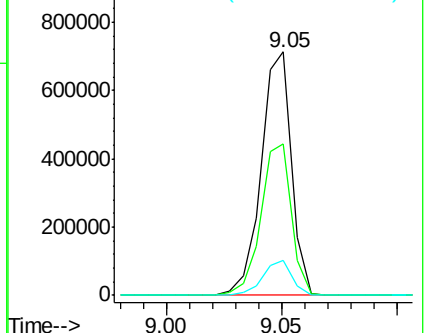
237 100

235 62.1 42.1 82.1

272 14.3 0.0 34.3



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: 76.629 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

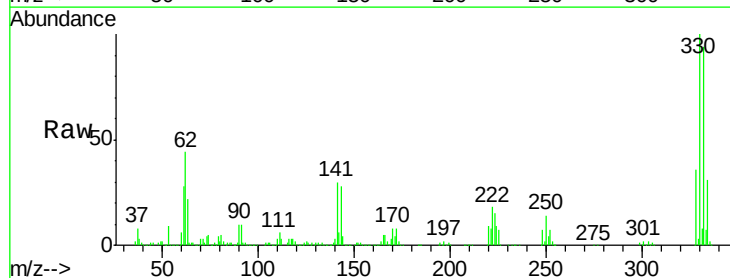
Tgt Ion:330 Resp: 838214

Ion Ratio Lower Upper

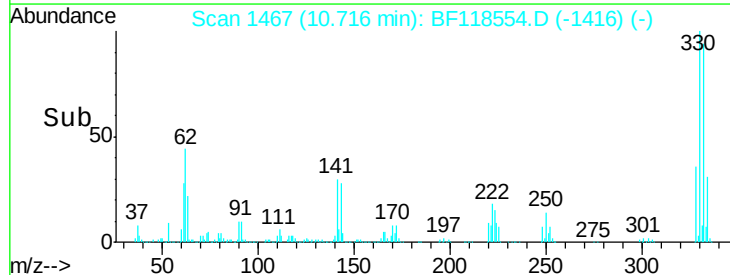
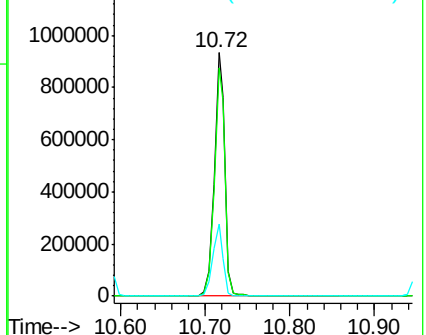
330 100

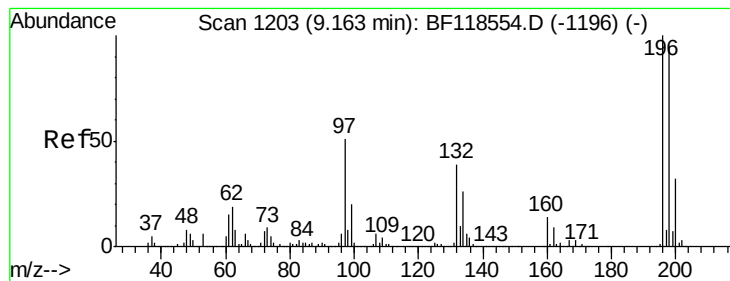
332 95.5 76.4 114.6

141 29.3 23.4 35.2



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: 41.566 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Instrument :

BNA_F

ClientSampled :

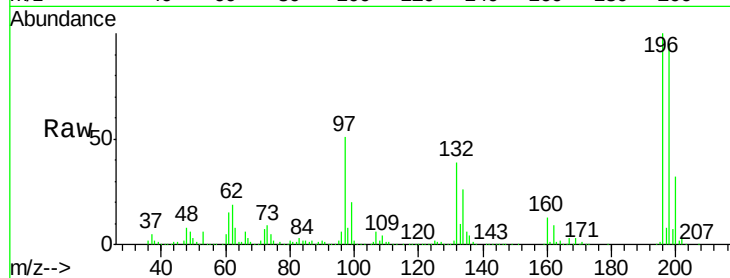
Tot Ion:196 Resp: 744356

Ion Ratio Lower Upper

196 100

198 95.0 76.0 114.0

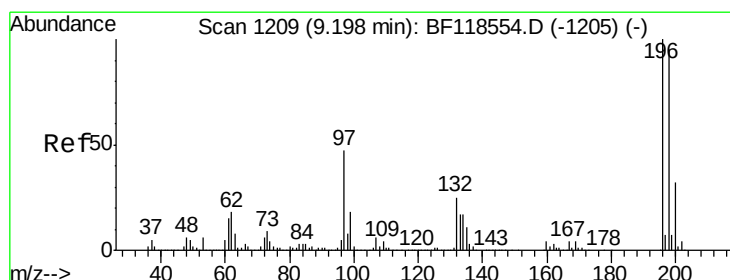
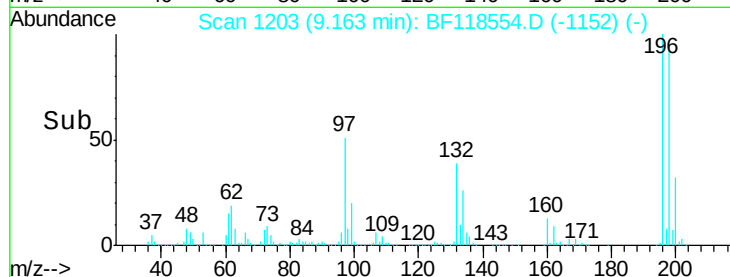
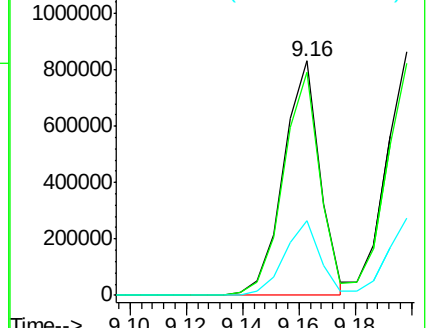
200 31.7 25.4 38.0



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 43.392 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Tgt Ion:196 Resp: 776015

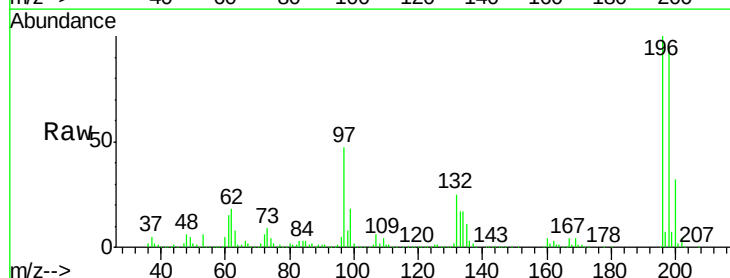
Ion Ratio Lower Upper

196 100

198 95.3 76.2 114.4

97 46.8 37.4 56.2

132 25.4 20.3 30.5

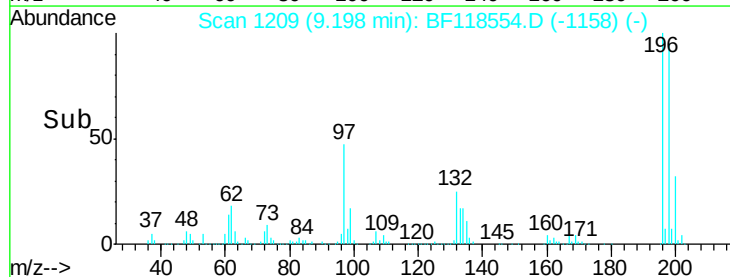
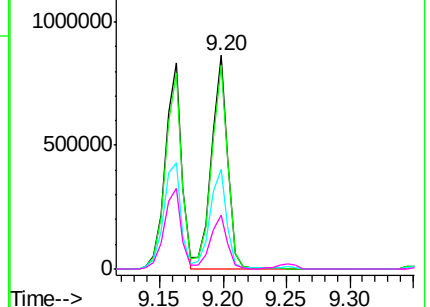


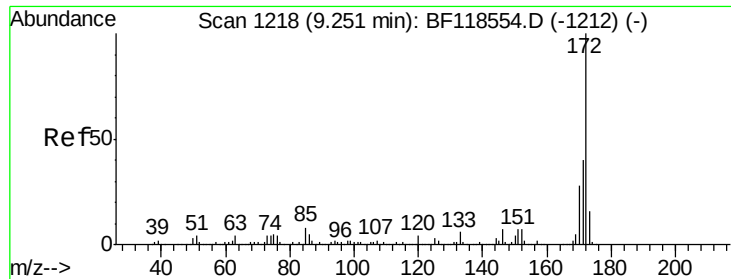
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

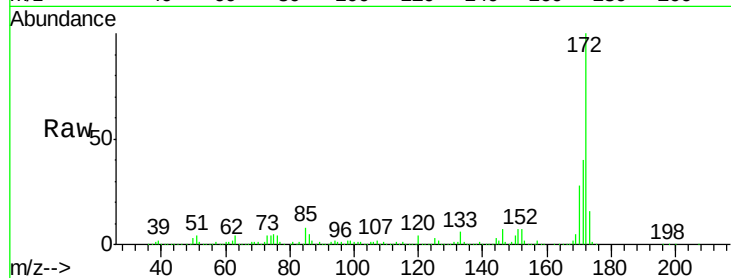




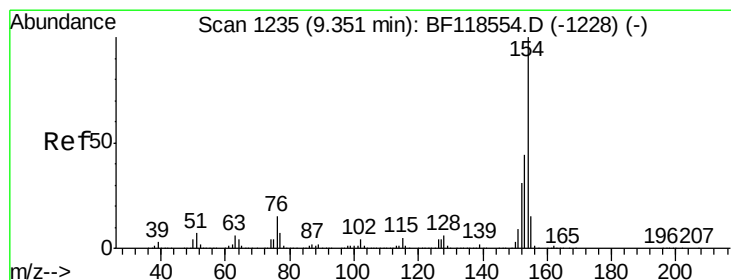
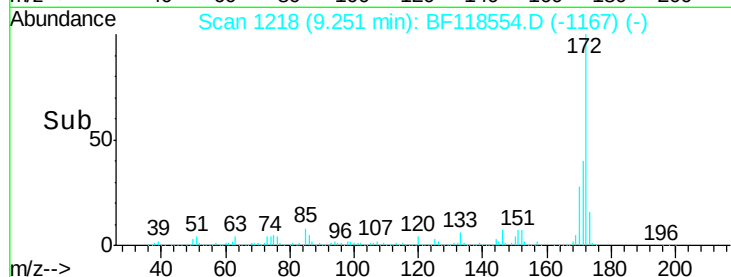
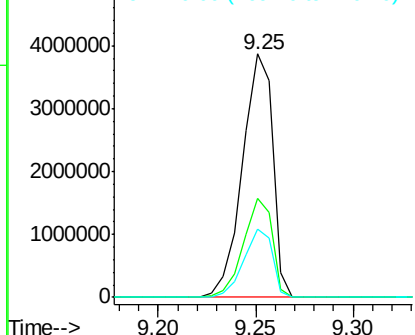
#45
2-Fluorobiphenyl
Concen: 74.379 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 4158341
Ion Ratio Lower Upper
172 100
171 40.5 32.4 48.6
170 28.1 22.5 33.7

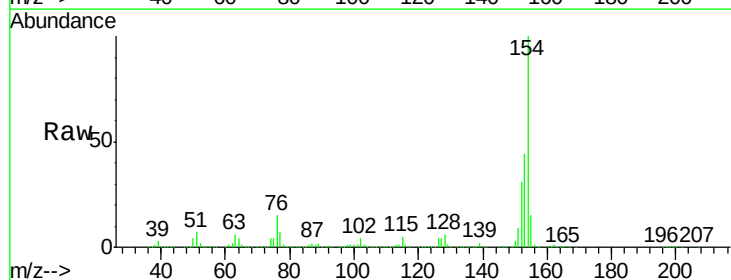


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

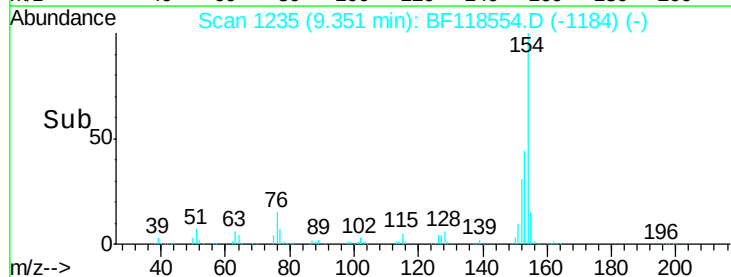
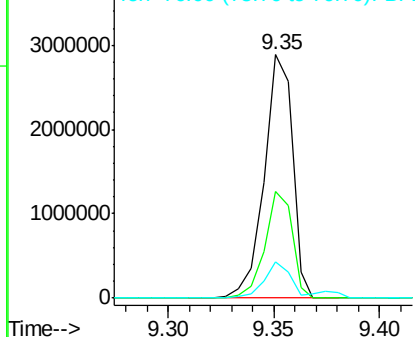


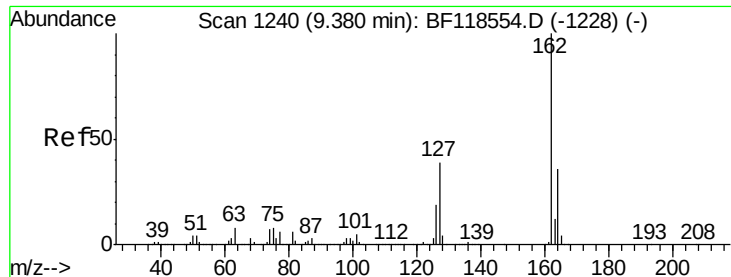
#46
1,1'-Biphenyl
Concen: 37.654 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Tgt Ion:154 Resp: 2690625
Ion Ratio Lower Upper
154 100
153 43.7 23.7 63.7
76 15.2 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

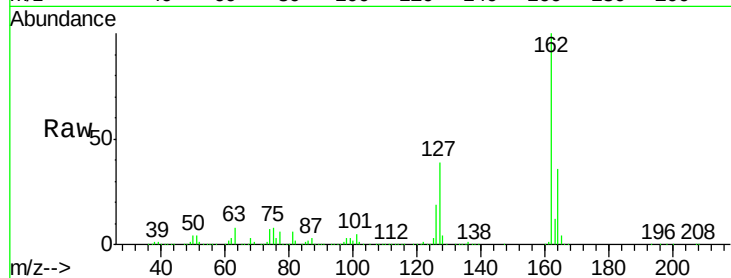




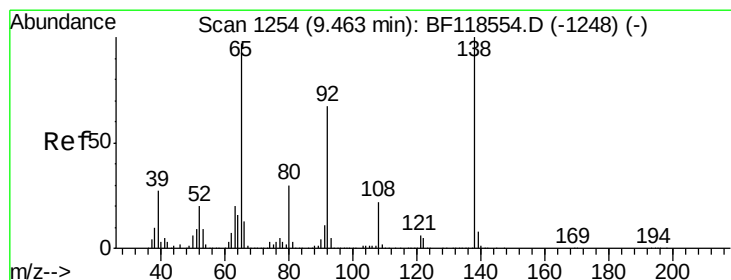
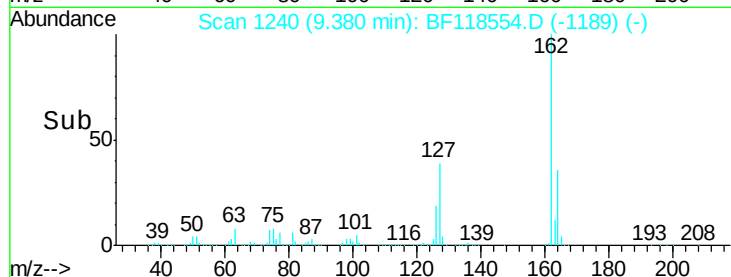
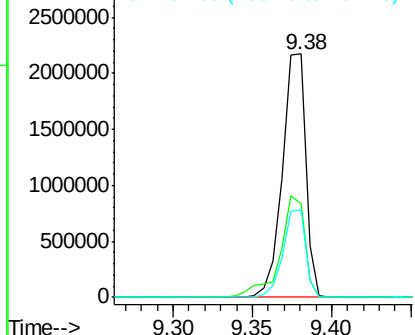
#47
 2-Chloronaphthalene
 Concen: 38.652 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF118554.D
 Acq: 17 Jan 2020 11:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 2217575
 Ion Ratio Lower Upper
 162 100
 127 38.7 31.0 46.4
 164 35.7 28.6 42.8

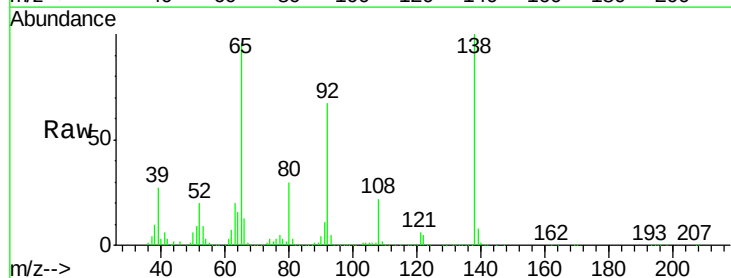


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

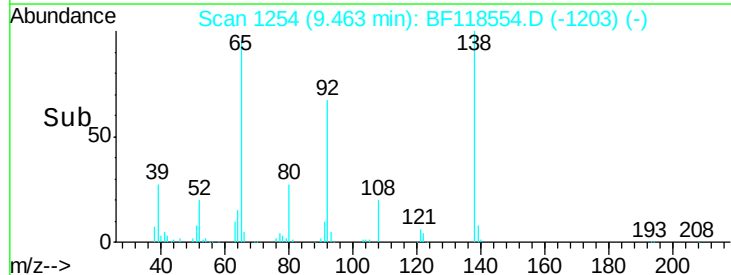
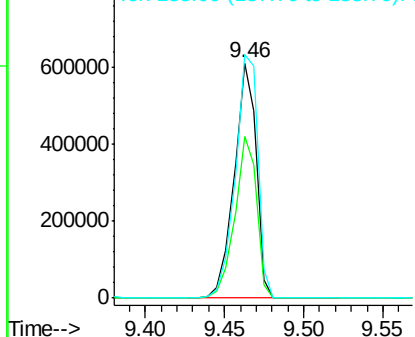


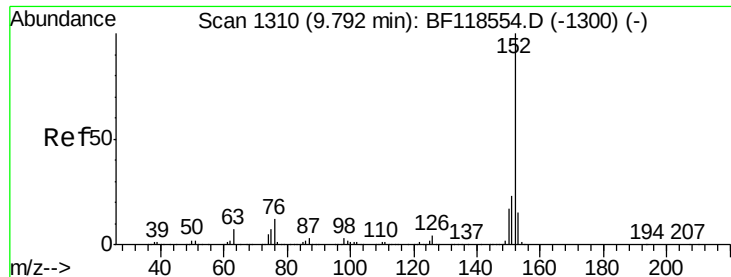
#48
 2-Nitroaniline
 Concen: 38.105 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF118554.D
 Acq: 17 Jan 2020 11:35

Tgt Ion: 65 Resp: 587129
 Ion Ratio Lower Upper
 65 100
 92 69.1 55.3 82.9
 138 103.6 82.9 124.3



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





#49

Acenaphthylene

Concen: 37.695 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Instrument :

BNA_F

ClientSampleId :

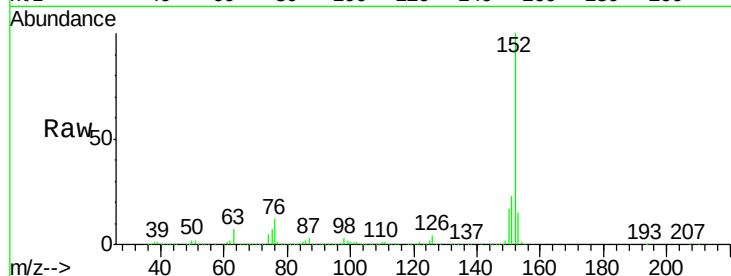
Tot Ion:152 Resp: 3151291

Ion Ratio Lower Upper

152 100

151 23.2 18.6 27.8

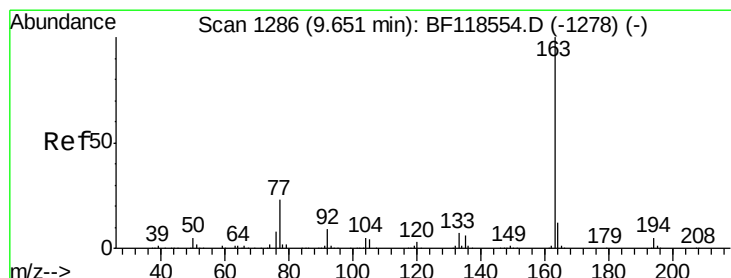
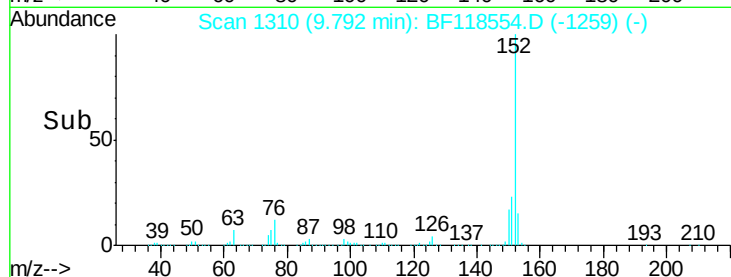
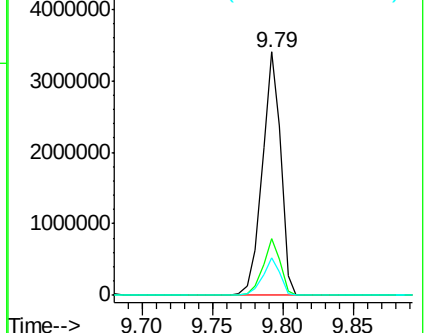
153 15.4 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.366 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

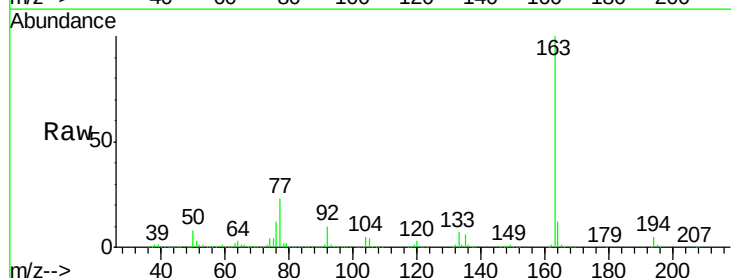
Tgt Ion:163 Resp: 2487136

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.8

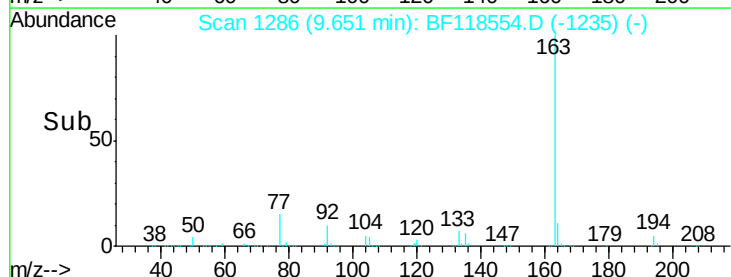
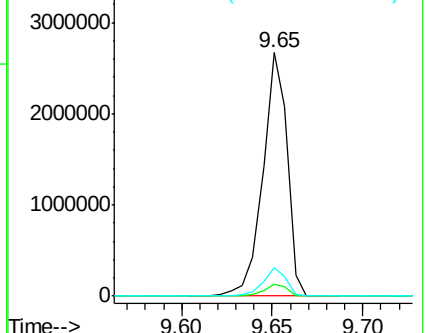
164 11.6 9.3 13.9

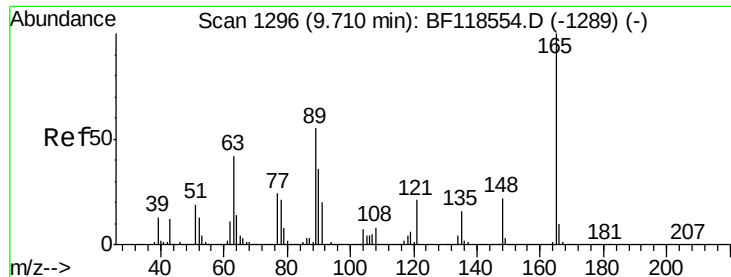


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

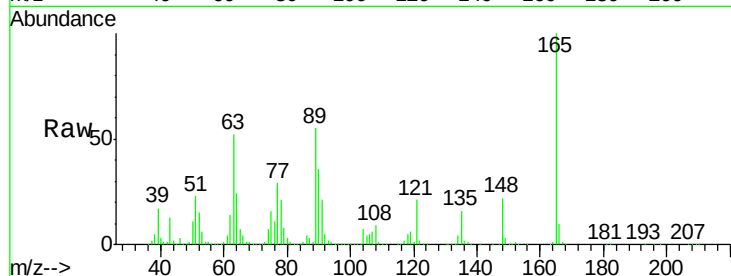




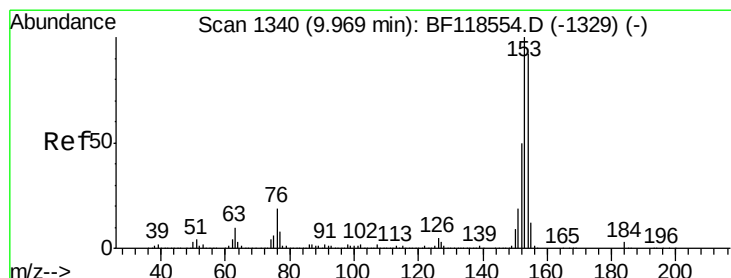
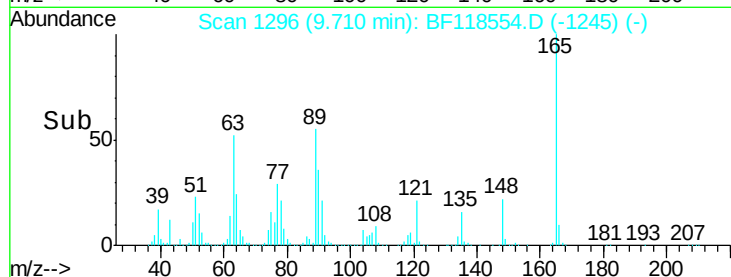
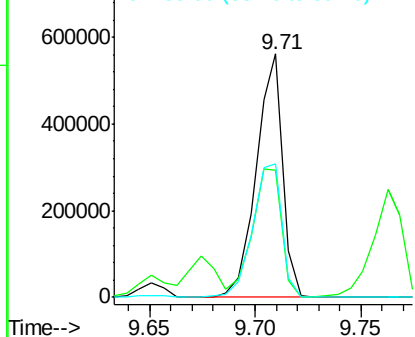
#51
 2,6-Dinitrotoluene
 Concen: 33.313 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF118554.D
 Acq: 17 Jan 2020 11:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 487560
 Ion Ratio Lower Upper
 165 100
 63 52.4 41.9 62.9
 89 55.0 44.0 66.0

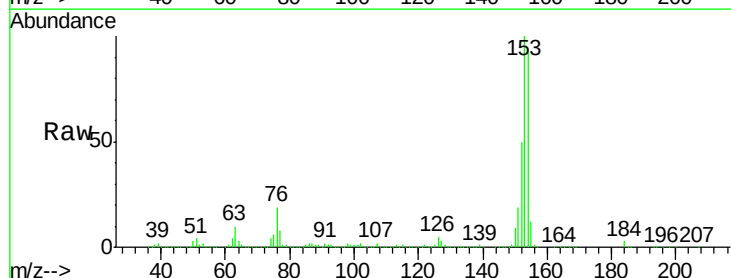


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

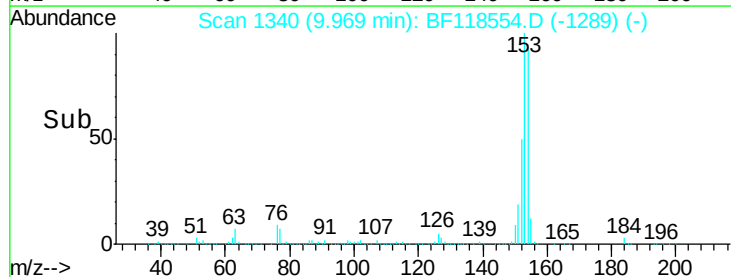
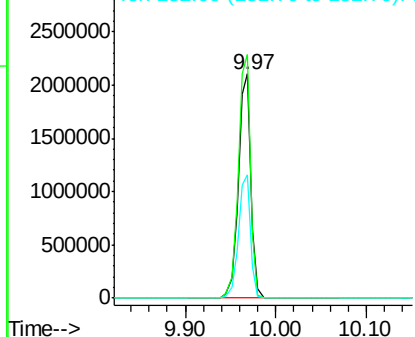


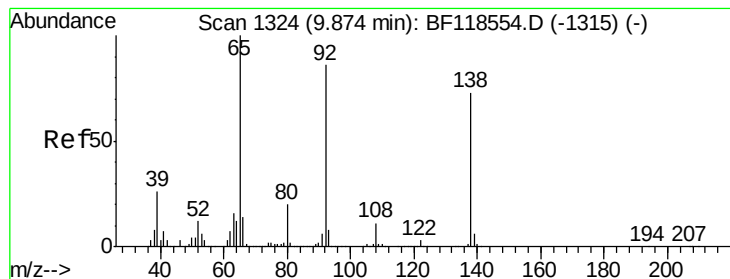
#52
 Acenaphthene
 Concen: 39.852 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF118554.D
 Acq: 17 Jan 2020 11:35

Tgt Ion:154 Resp: 2049784
 Ion Ratio Lower Upper
 154 100
 153 108.7 87.0 130.4
 152 54.8 43.8 65.8



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: 32.983 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Instrument :

BNA_F

ClientSampleId :

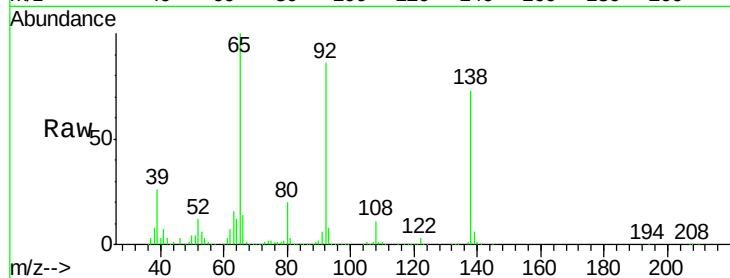
Tot Ion:138 Resp: 558353

Ion Ratio Lower Upper

138 100

108 15.3 12.2 18.4

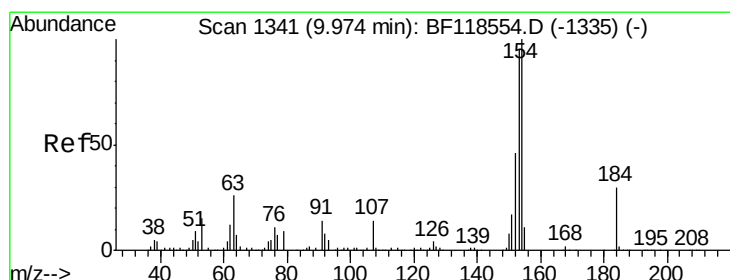
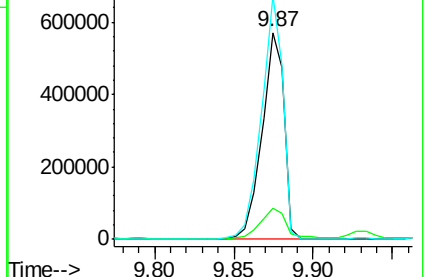
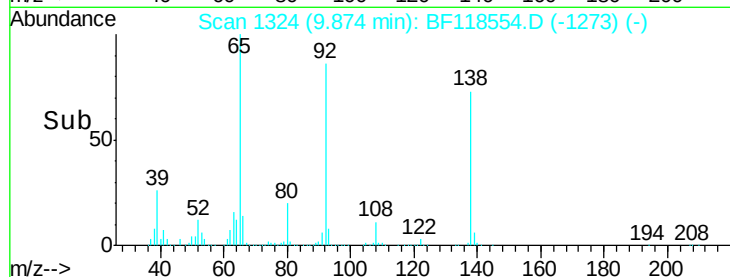
92 117.7 94.2 141.2



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: 27.399 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

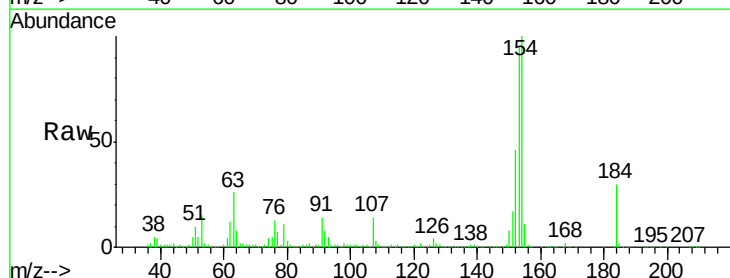
Tgt Ion:184 Resp: 149766

Ion Ratio Lower Upper

184 100

63 86.7 69.4 104.0

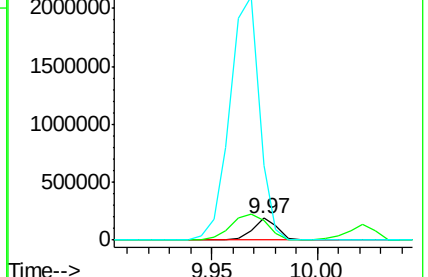
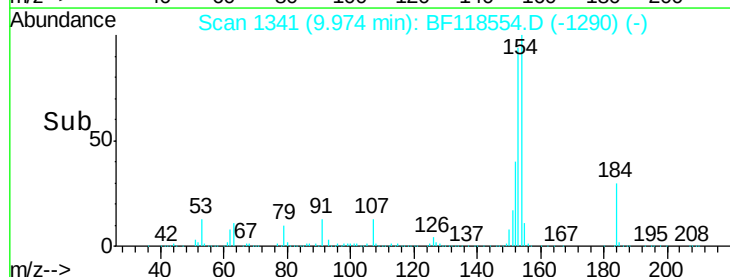
154 335.6 268.5 402.7

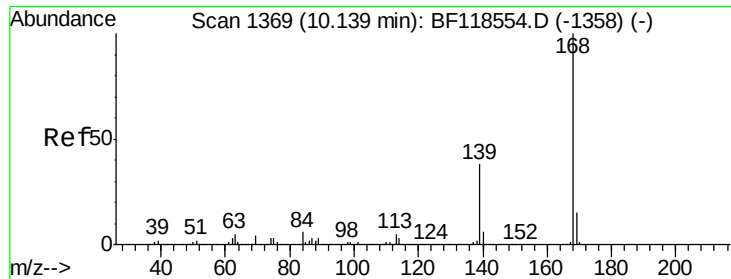


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

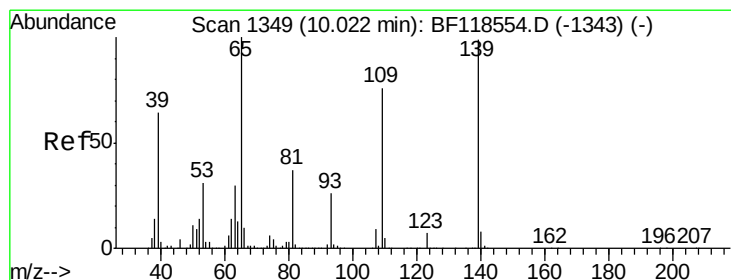
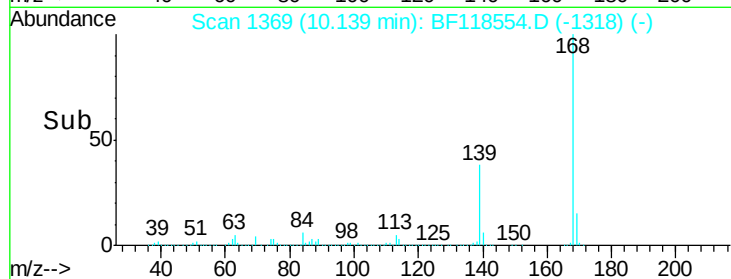
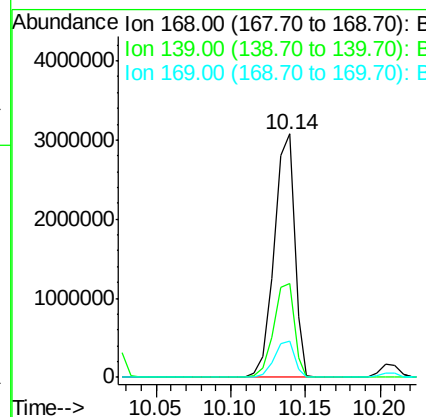
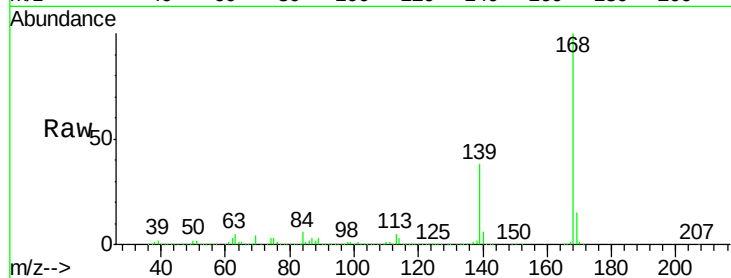




#55
Dibenzofuran
Concen: 39.021 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

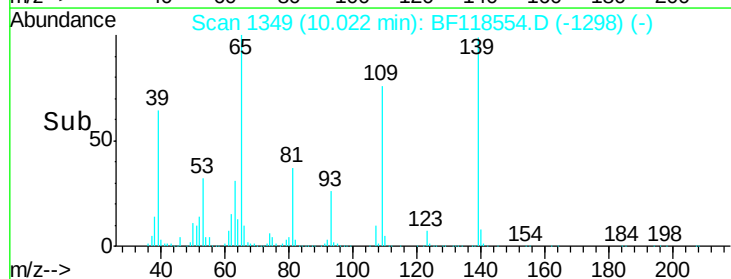
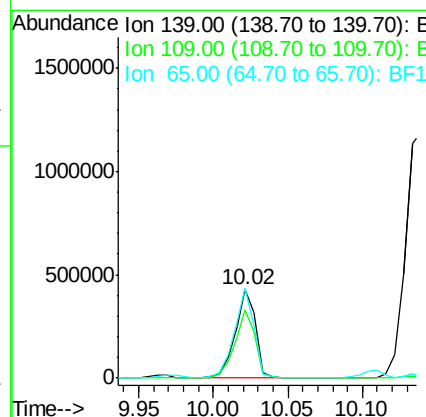
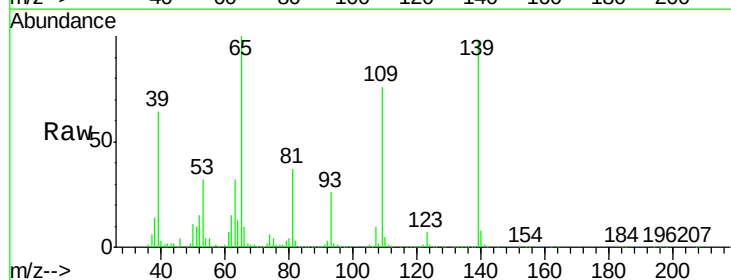
Instrument :
BNA_F
ClientSampleId :

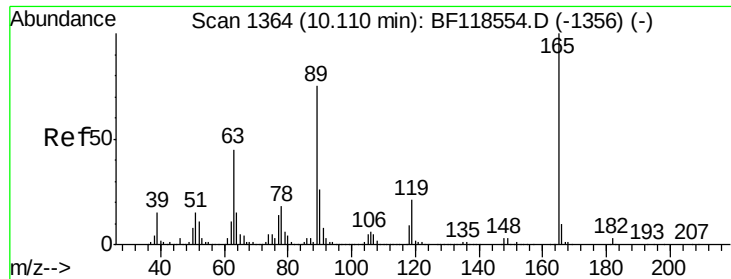
Tot Ion:168 Resp: 2912223
Ion Ratio Lower Upper
168 100
139 38.3 30.6 46.0
169 14.9 11.9 17.9



#56
4-Nitrophenol
Concen: 52.885 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Tgt Ion:139 Resp: 410352
Ion Ratio Lower Upper
139 100
109 76.9 56.9 96.9
65 101.7 81.7 121.7

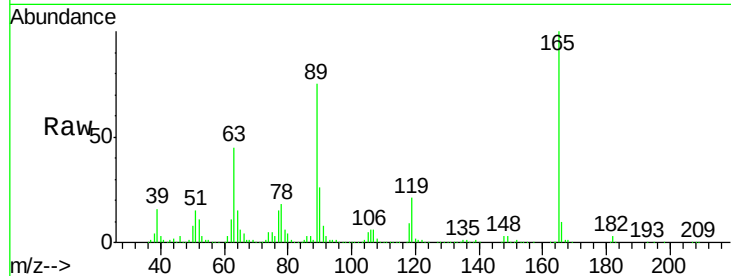




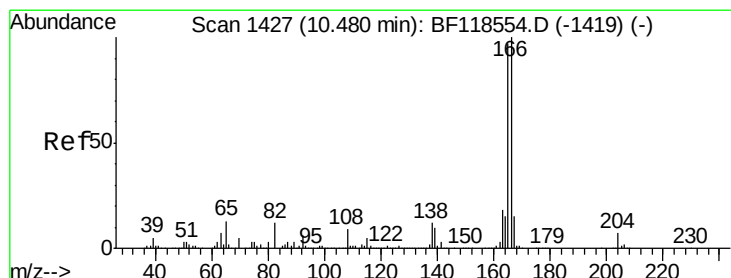
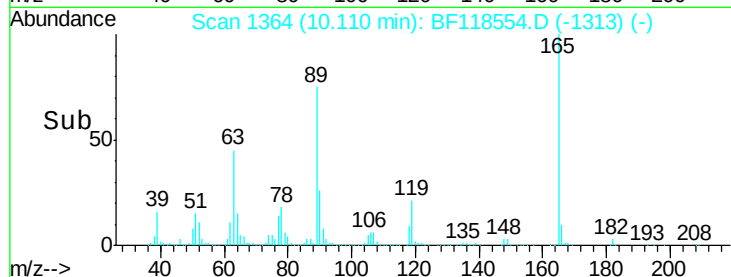
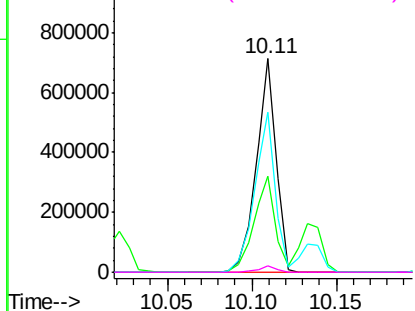
#57
2,4-Dinitrotoluene
Concen: 31.458 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 588503
Ion Ratio Lower Upper
165 100
63 44.7 35.8 53.6
89 74.9 59.9 89.9
182 2.7 2.2 3.2

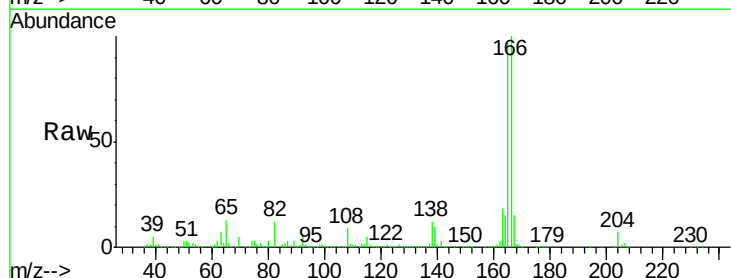


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

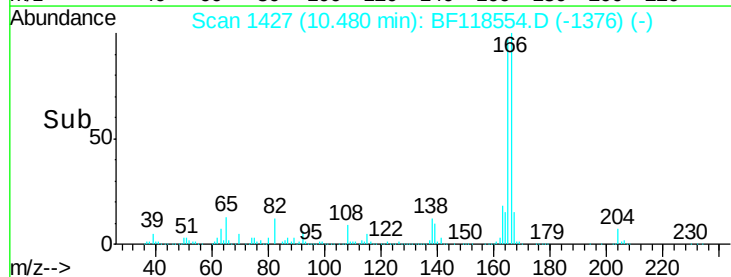
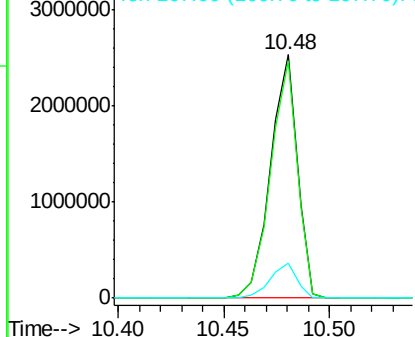


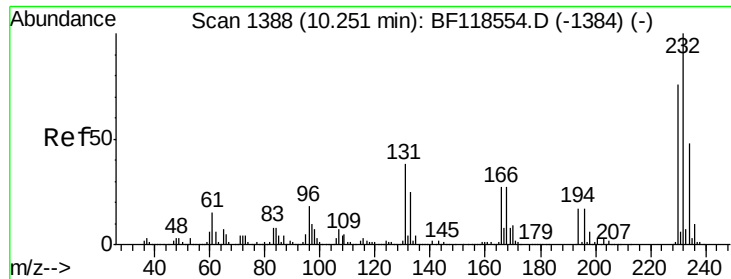
#58
Fluorene
Concen: 37.050 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Tgt Ion:166 Resp: 2246180
Ion Ratio Lower Upper
166 100
165 97.3 77.8 116.8
167 14.6 11.7 17.5



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

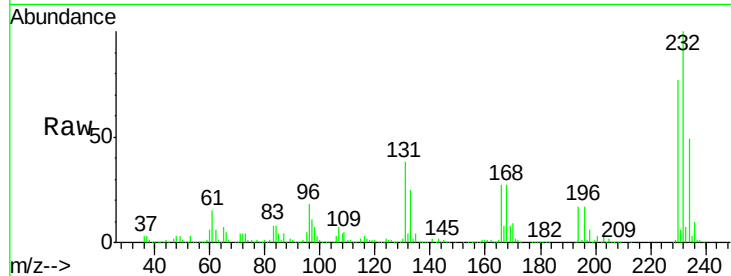




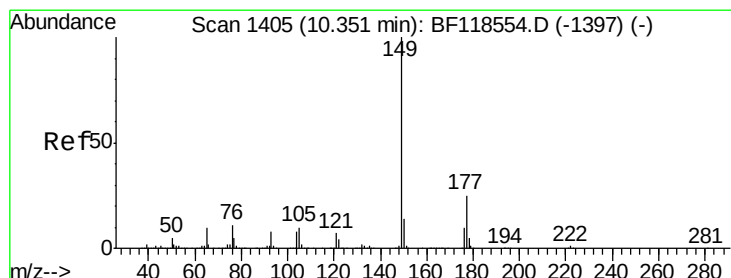
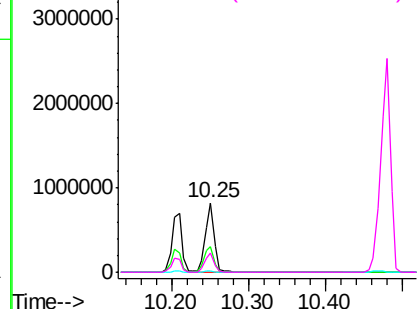
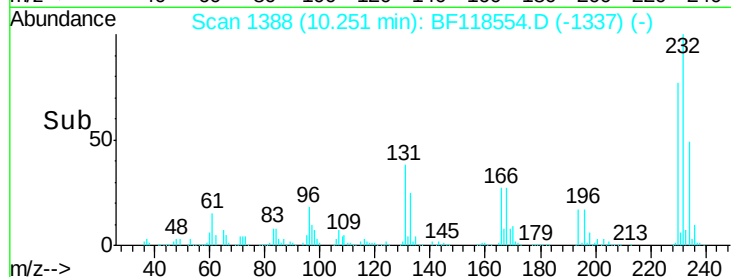
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.150 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BF118554.D
 Acq: 17 Jan 2020 11:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.4	32.3	48.5
130	2.1	1.7	2.5
166	27.7	22.2	33.2

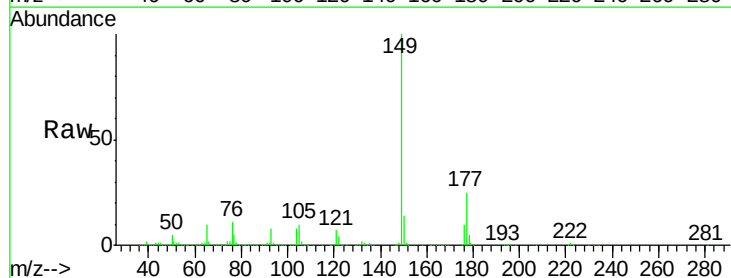


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

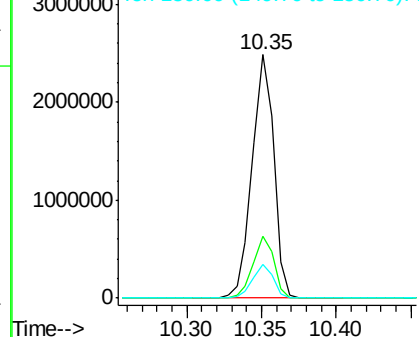
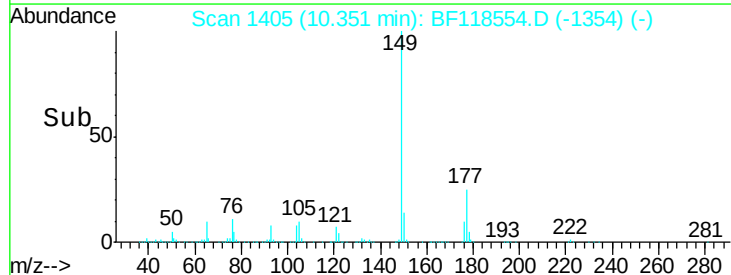


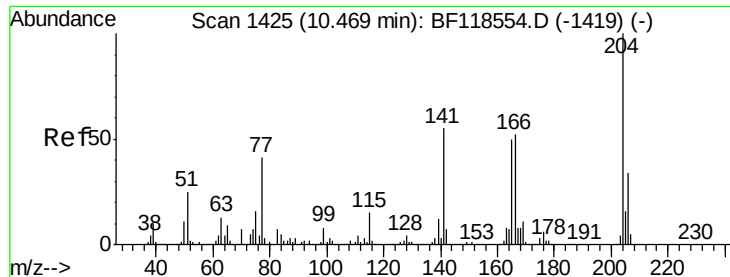
#60
 Diethylphthalate
 Concen: 37.516 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF118554.D
 Acq: 17 Jan 2020 11:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.3	20.2	30.4
150	13.7	11.0	16.4



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

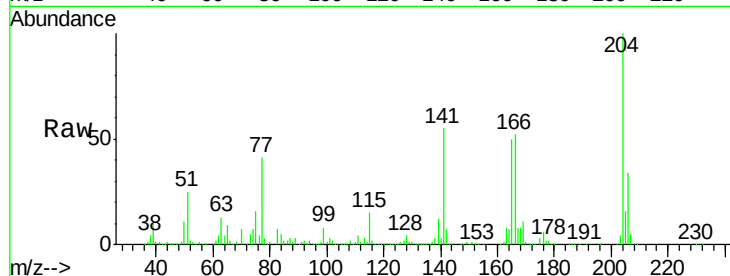




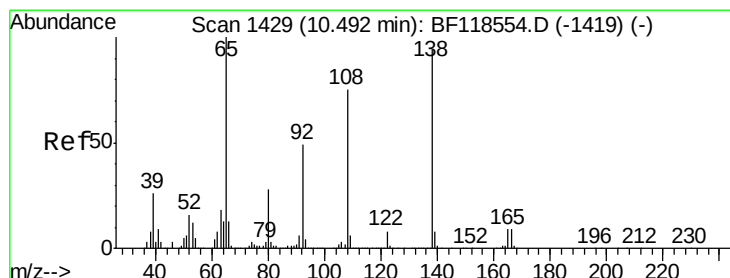
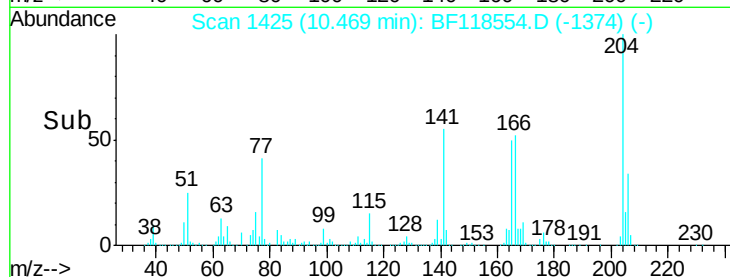
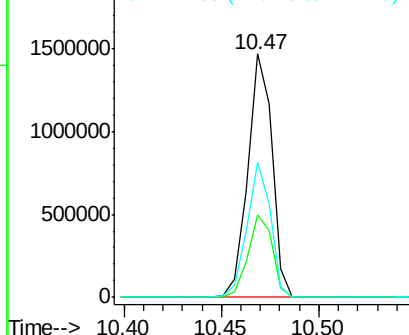
#61
4-Chlorophenyl-phenylether
Concen: 41.311 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 1260034
Ion Ratio Lower Upper
204 100
206 33.9 27.1 40.7
141 55.5 44.4 66.6

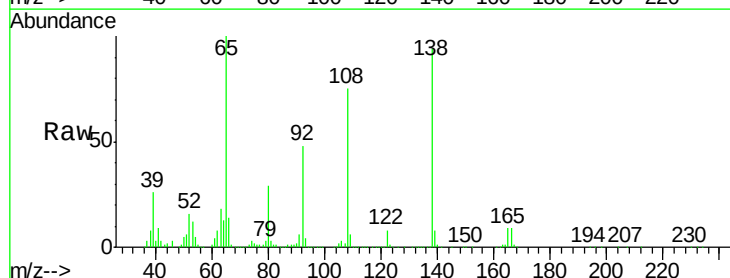


Abundance Ion 204.00 (203.70 to 204.70): E
2000000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

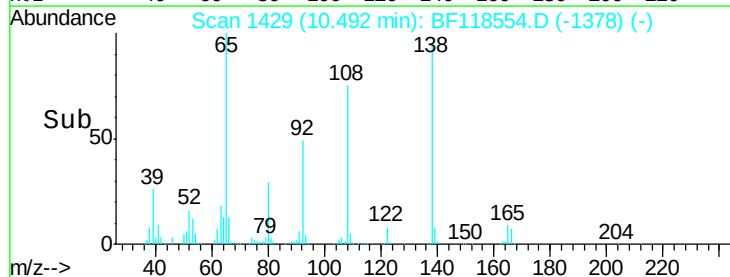
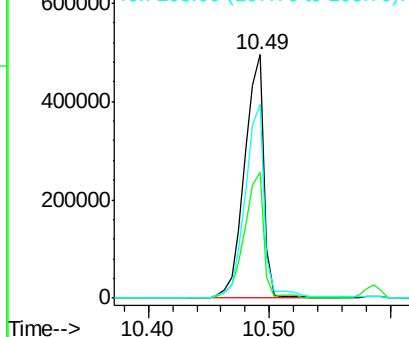


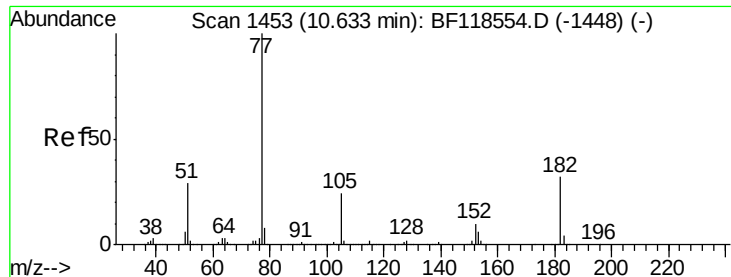
#62
4-Nitroaniline
Concen: 33.033 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Tgt Ion:138 Resp: 552202
Ion Ratio Lower Upper
138 100
92 51.7 31.7 71.7
108 79.6 59.6 99.6



Abundance Ion 138.00 (137.70 to 138.70): E
600000
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.054 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

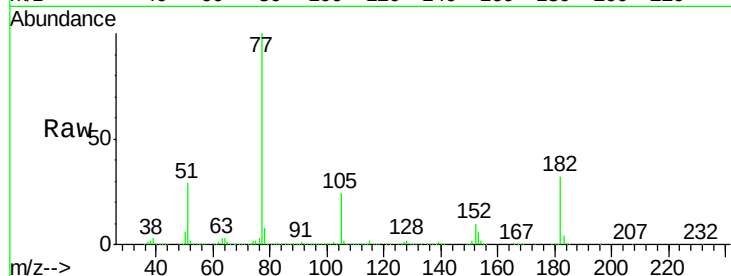
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2420076

Ion	Ratio	Lower	Upper
77	100		
182	31.7	11.7	51.7
105	23.6	3.6	43.6
51	29.0	9.0	49.0

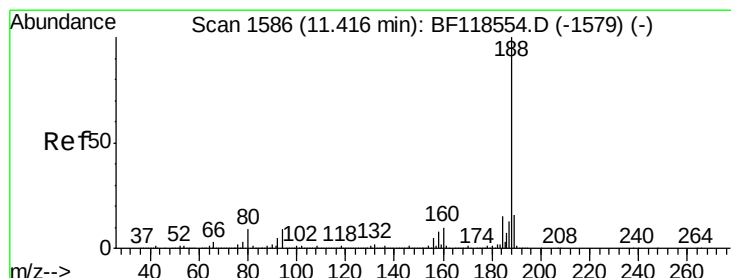
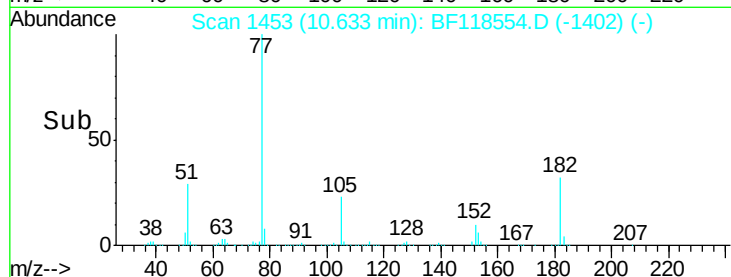


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.42 min Scan# 1586

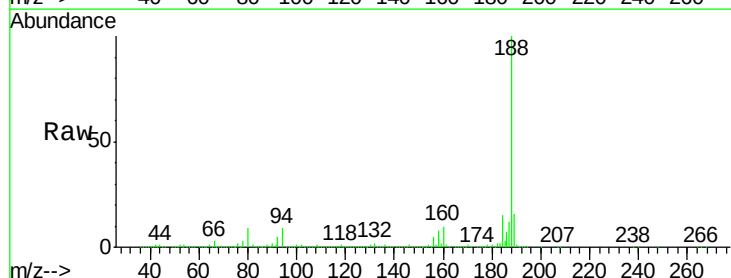
Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Tgt Ion: 188 Resp: 1625251

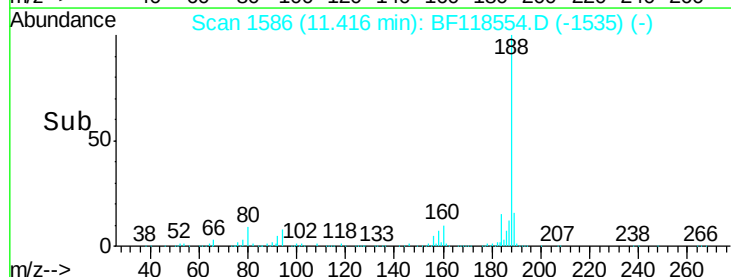
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.4
80	9.3	7.4	11.2

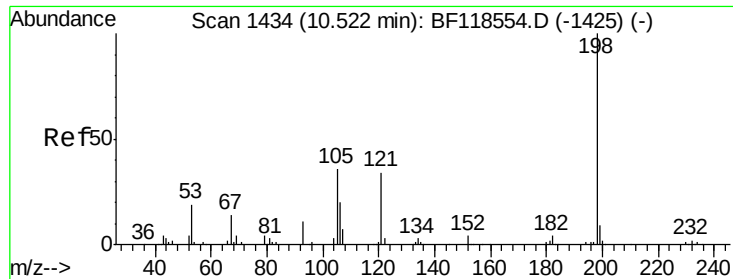


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 25.824 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Instrument :

BNA_F

ClientSampled :

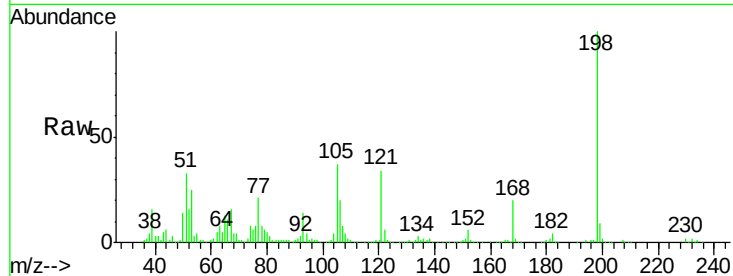
Tot Ion:198 Resp: 221466

Ion	Ratio	Lower	Upper
198	100		
51	33.2	13.2	53.2
105	37.2	17.2	57.2

198 100

51 33.2 13.2 53.2

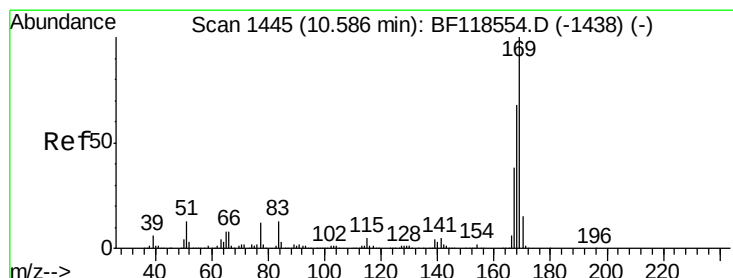
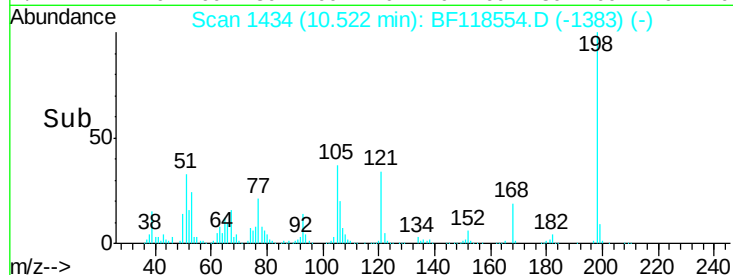
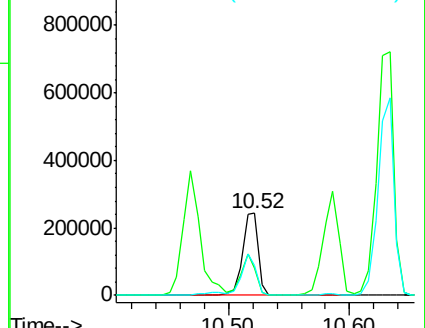
105 37.2 17.2 57.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.589 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

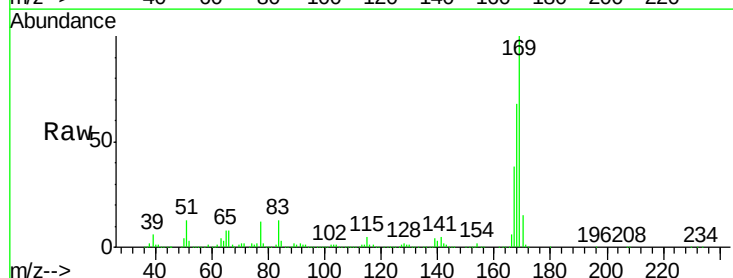
Tgt Ion:169 Resp: 2112491

Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.2	81.4
167	38.1	30.5	45.7

169 100

168 67.8 54.2 81.4

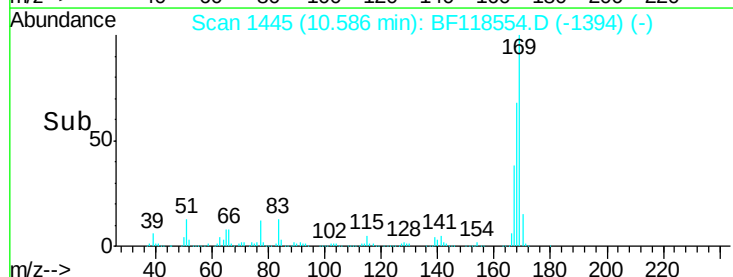
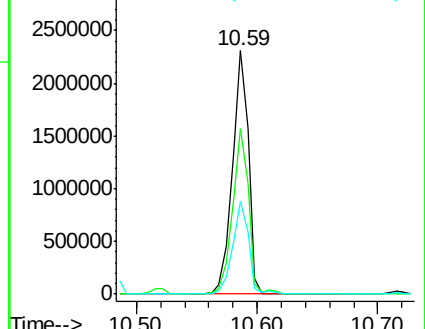
167 38.1 30.5 45.7

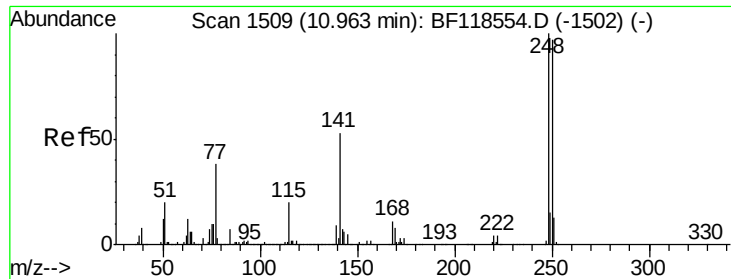


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

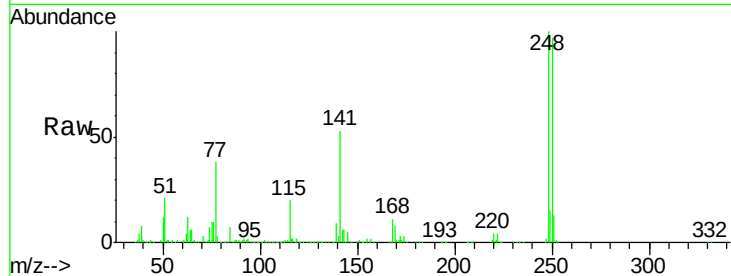




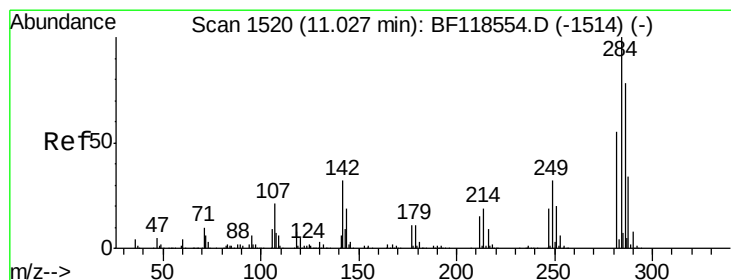
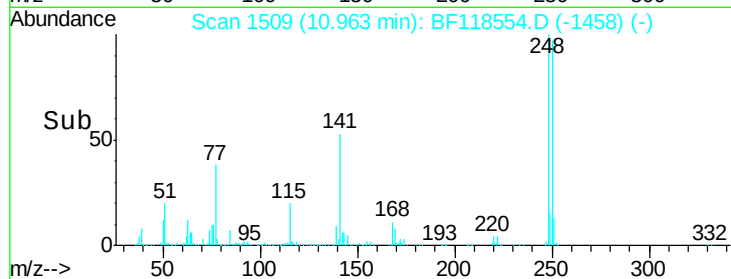
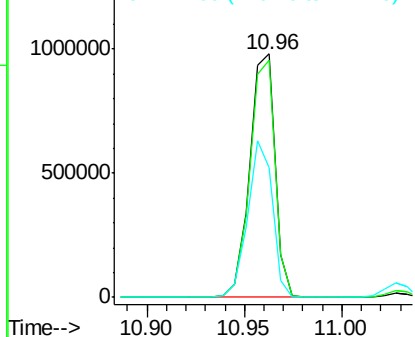
#67
4-Bromophenyl-phenylether
Concen: 44.913 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.8	116.8
141	53.4	42.7	64.1

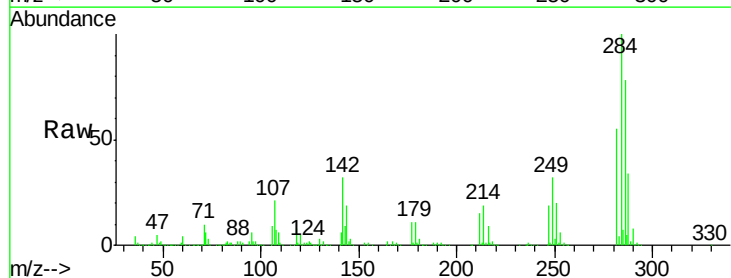


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

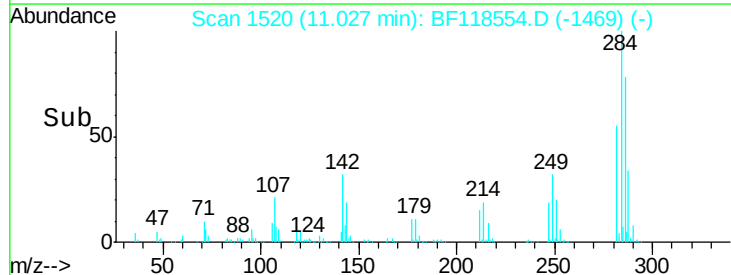
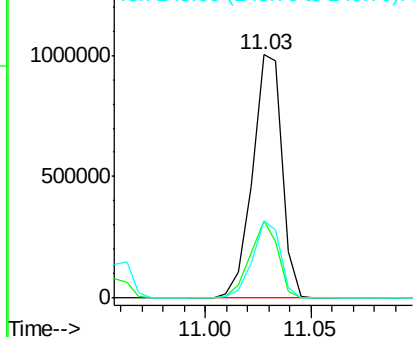


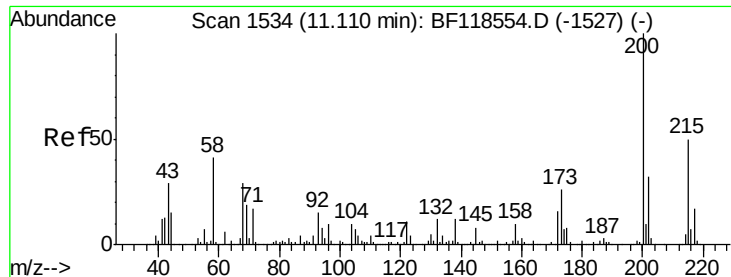
#68
Hexachlorobenzene
Concen: 42.017 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.6	38.4
249	32.0	25.6	38.4



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





#69

Atrazine

Concen: 39.773 ng

RT: 11.11 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Instrument :

BNA_F

ClientSampleId :

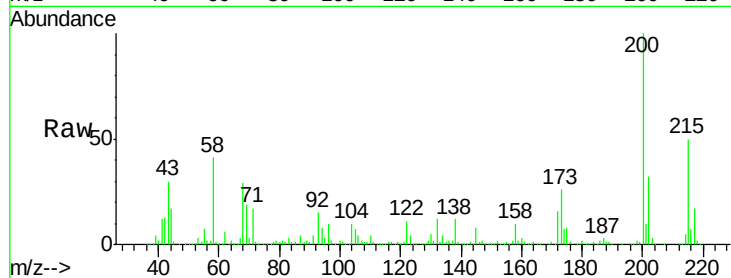
Tot Ion:200 Resp: 508947

Ion Ratio Lower Upper

200 100

173 25.8 5.8 45.8

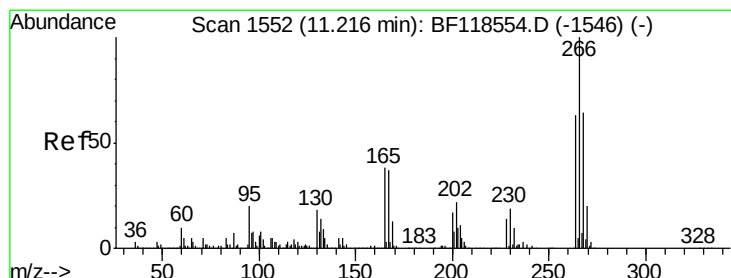
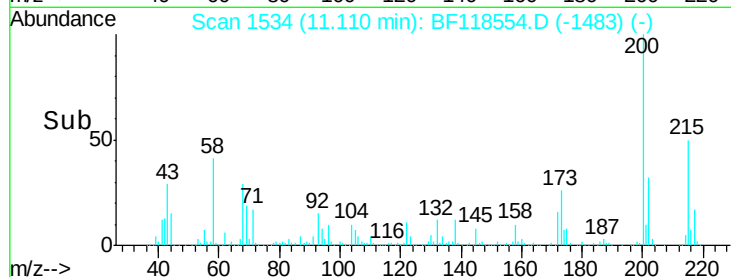
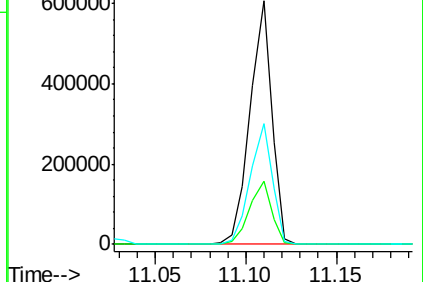
215 49.8 29.8 69.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 75.284 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

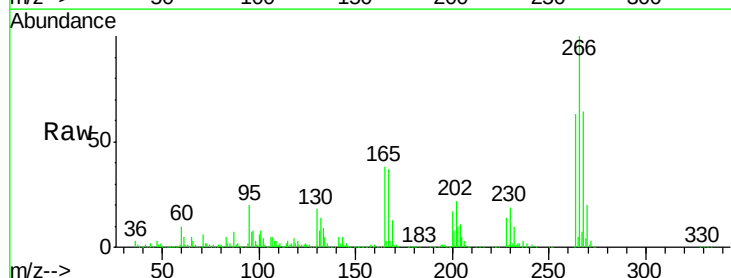
Tgt Ion:266 Resp: 482645

Ion Ratio Lower Upper

266 100

268 63.7 51.0 76.4

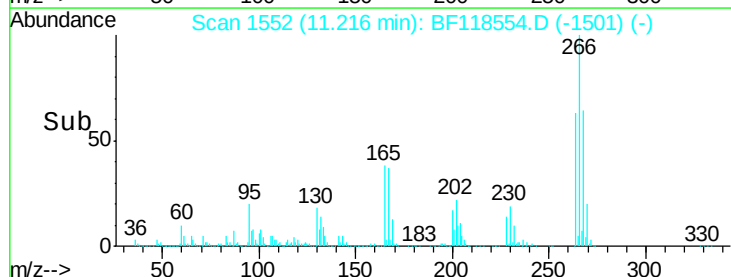
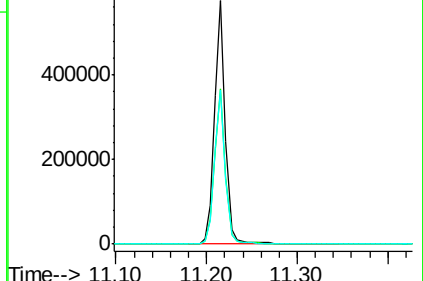
264 63.1 50.5 75.7

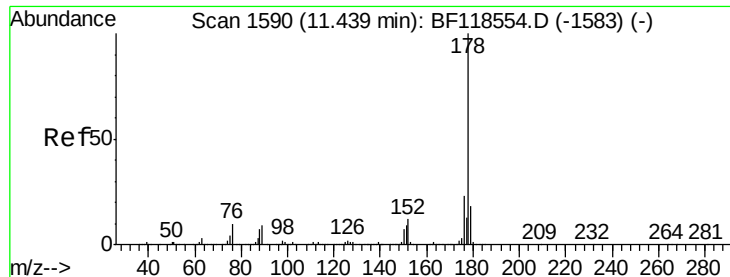


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

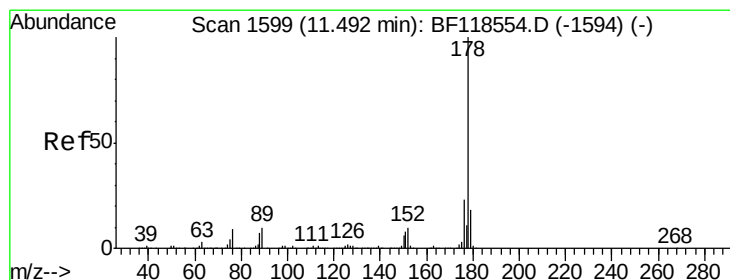
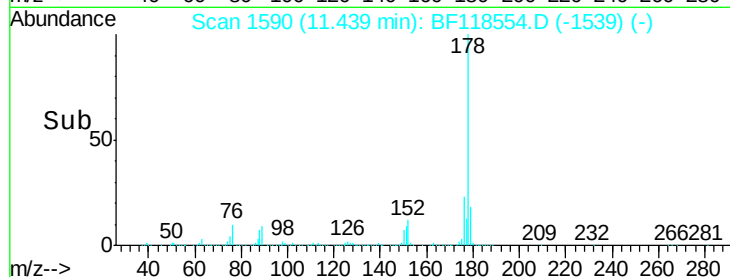
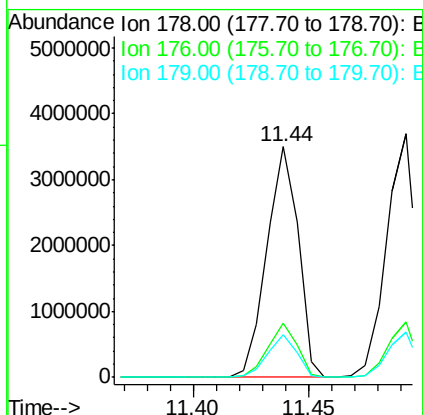
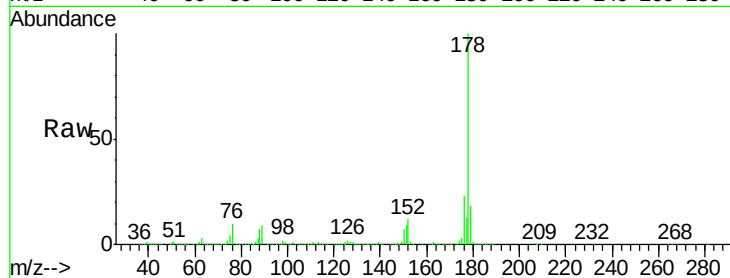




#71
Phenanthrene
Concen: 37.980 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

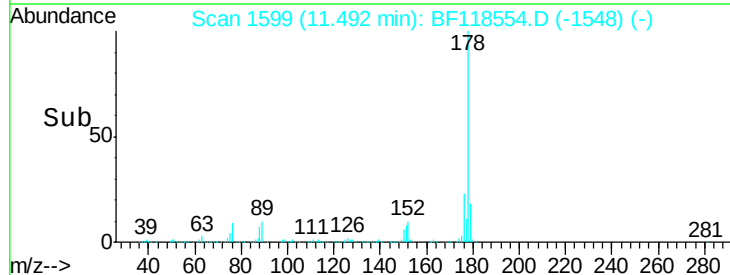
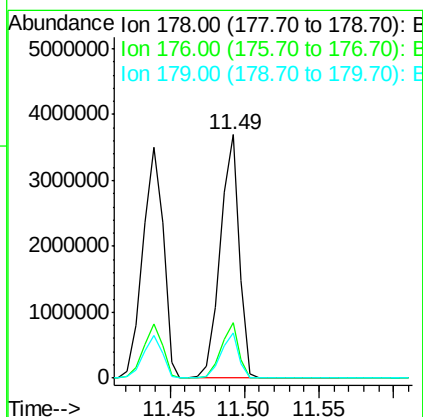
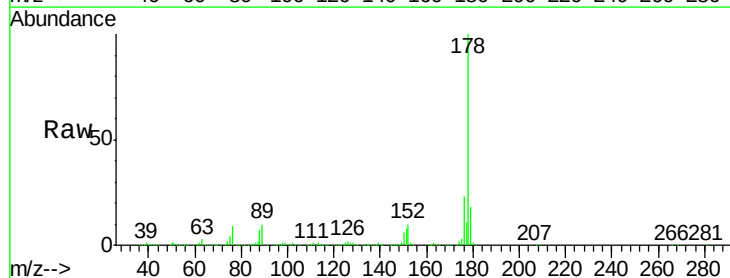
Instrument :
BNA_F
ClientSampleId :

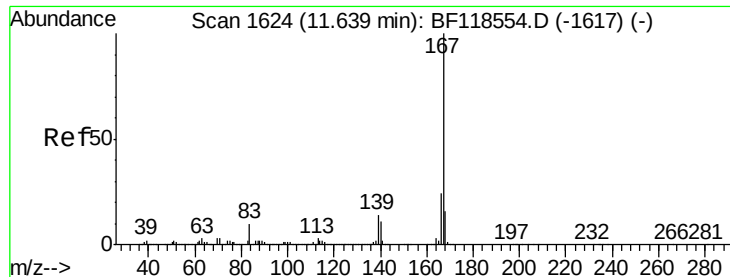
Tot Ion:178 Resp: 3322814
Ion Ratio Lower Upper
178 100
176 23.3 18.6 28.0
179 18.3 14.6 22.0



#72
Anthracene
Concen: 37.903 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Tgt Ion:178 Resp: 3305071
Ion Ratio Lower Upper
178 100
176 22.6 18.1 27.1
179 18.4 14.7 22.1



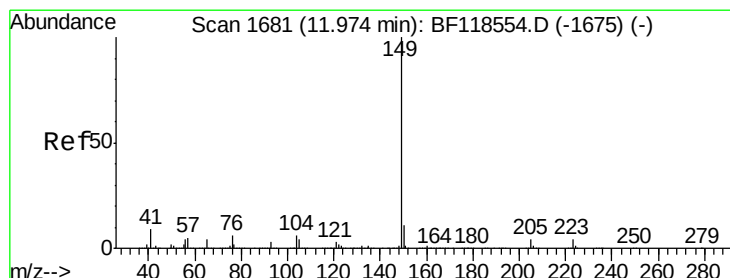
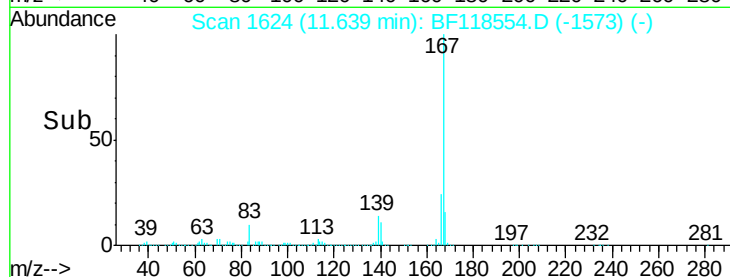
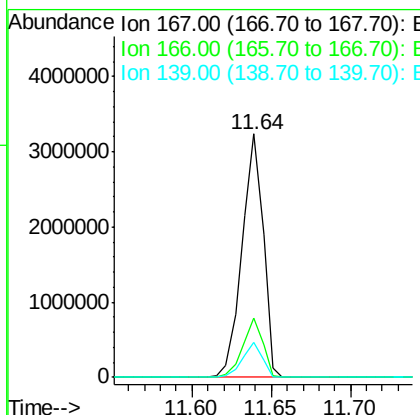
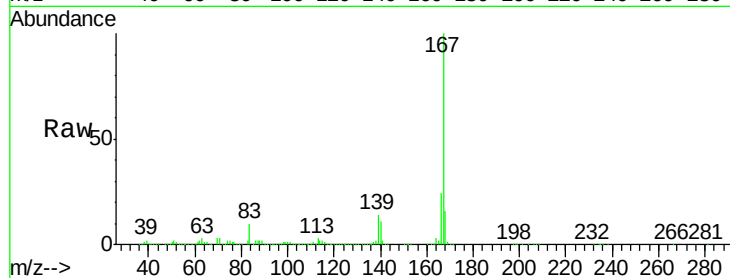


#73
 Carbazole
 Concen: 38.250 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF118554.D
 Acq: 17 Jan 2020 11:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2979736

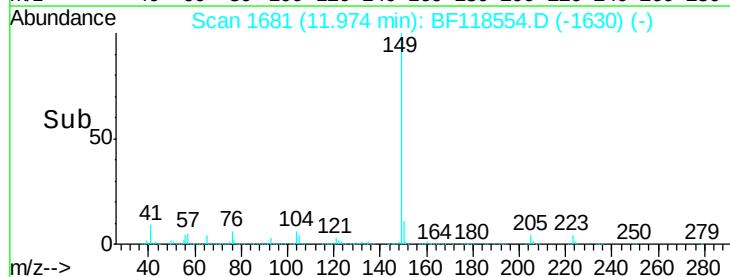
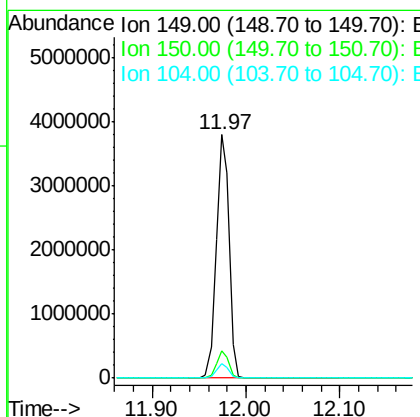
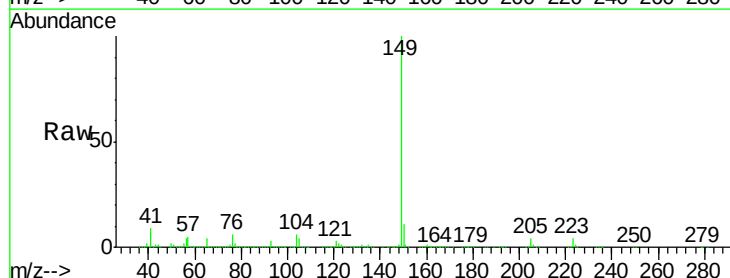
Ion	Ratio	Lower	Upper
167	100		
166	24.4	19.5	29.3
139	14.4	11.5	17.3

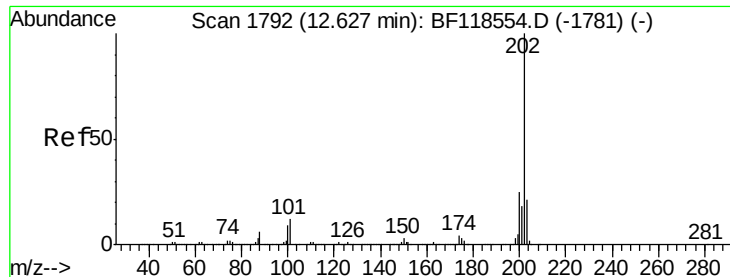


#74
 Di-n-butylphthalate
 Concen: 35.979 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BF118554.D
 Acq: 17 Jan 2020 11:35

Tgt Ion:149 Resp: 3625099

Ion	Ratio	Lower	Upper
149	100		
150	11.3	9.0	13.6
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 39.665 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

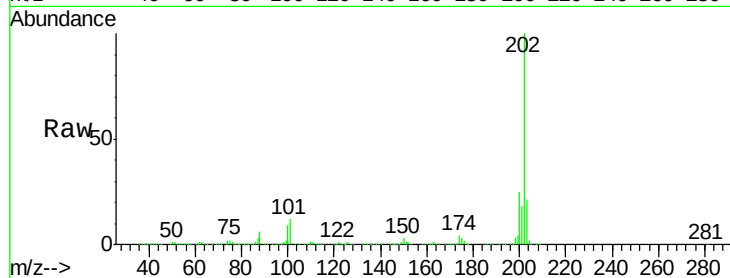
Instrument :

BNA_F

ClientSampled :

Tot Ion:202 Resp: 3466649

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.9
203	20.9	0.9	40.9

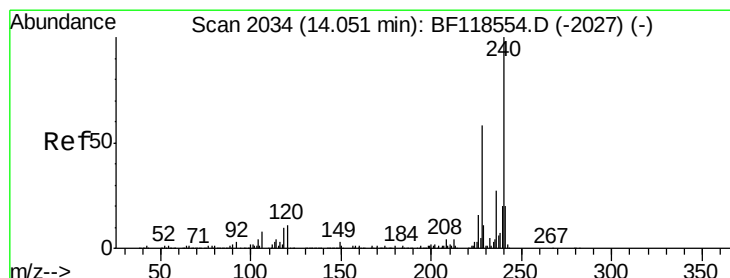
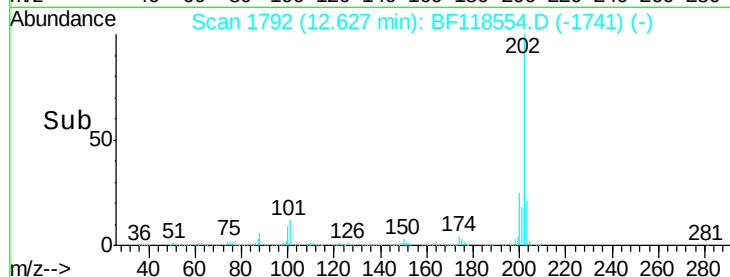
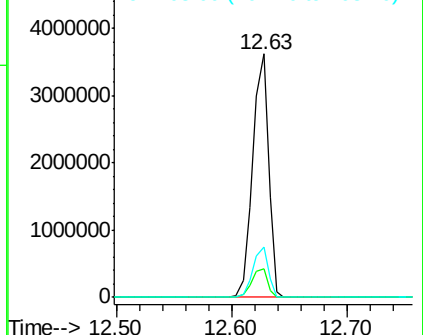


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

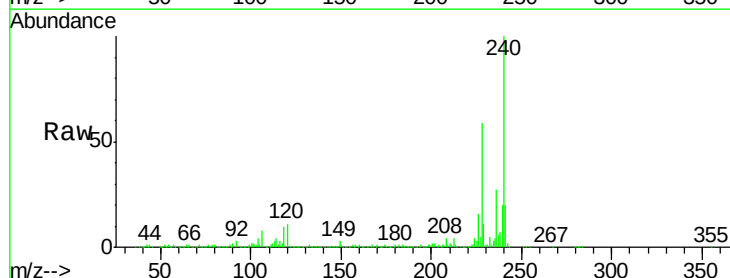
Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Tgt Ion:240 Resp: 1244387

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.7	13.1
236	27.3	21.8	32.8

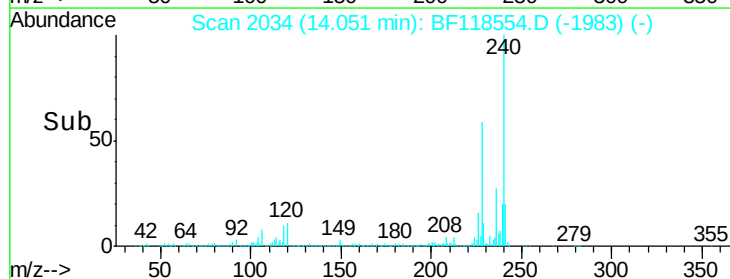
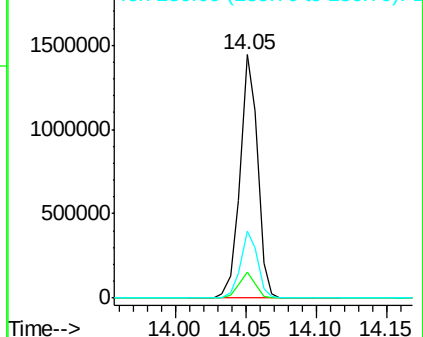


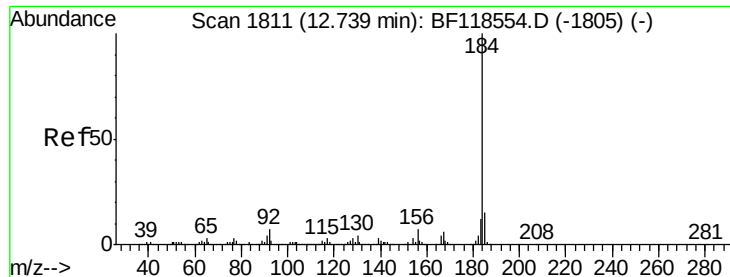
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.259 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

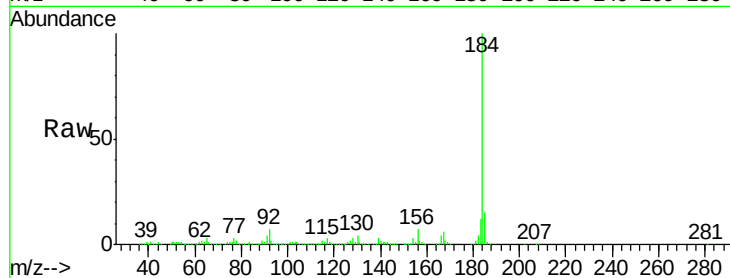
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1201507

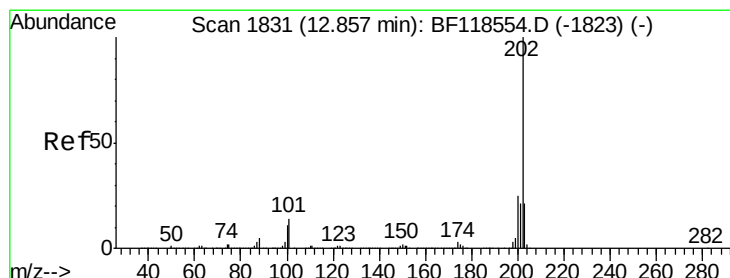
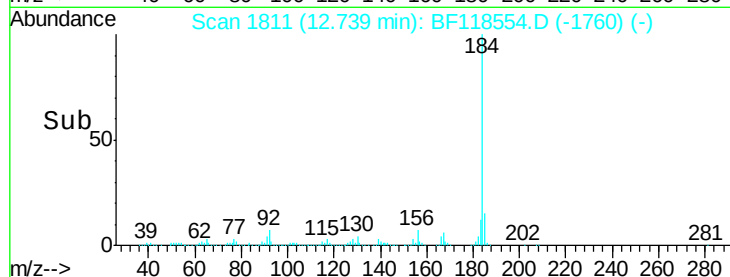
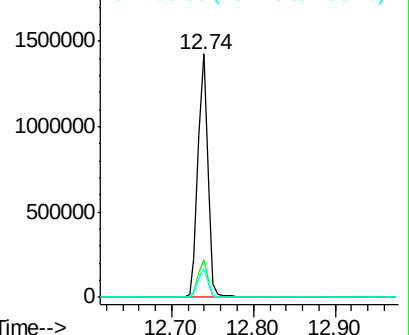
Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.3	18.5
183	11.9	9.5	14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 33.421 ng

RT: 12.86 min Scan# 1831

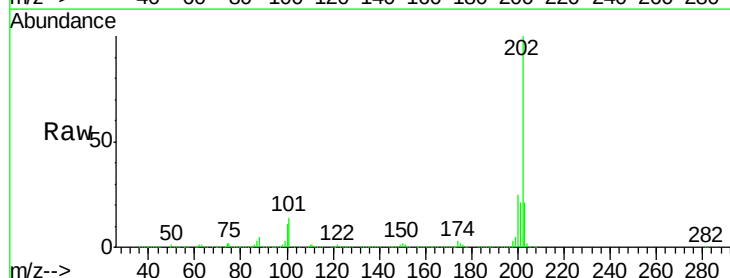
Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Tgt Ion:202 Resp: 3514219

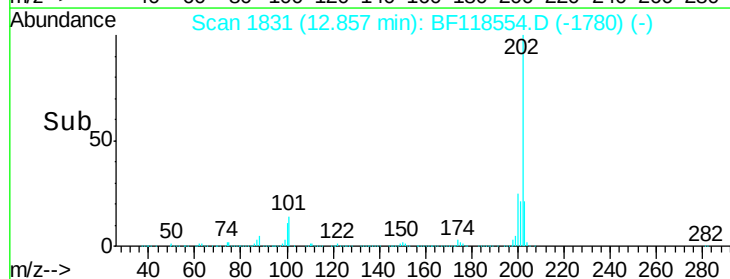
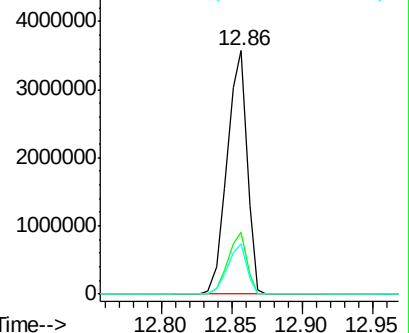
Ion	Ratio	Lower	Upper
202	100		
200	25.3	20.2	30.4
203	20.8	16.6	25.0

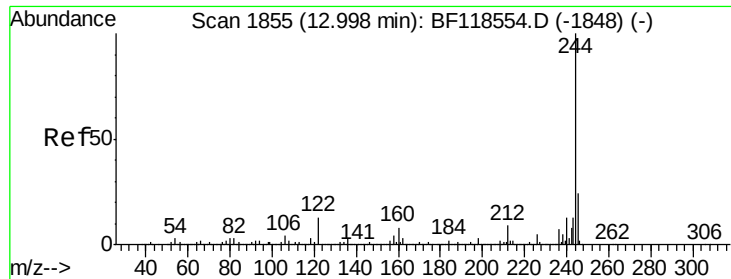


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.882 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Instrument :

BNA_F

ClientSampleId :

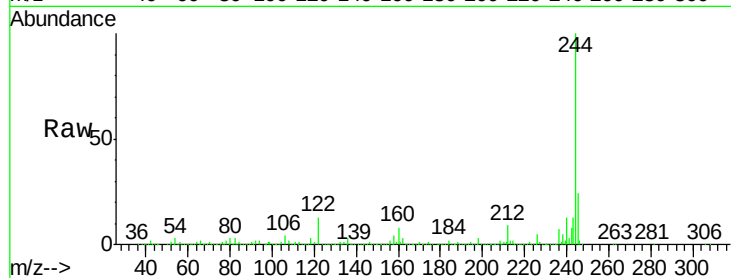
Tot Ion:244 Resp: 4796605

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

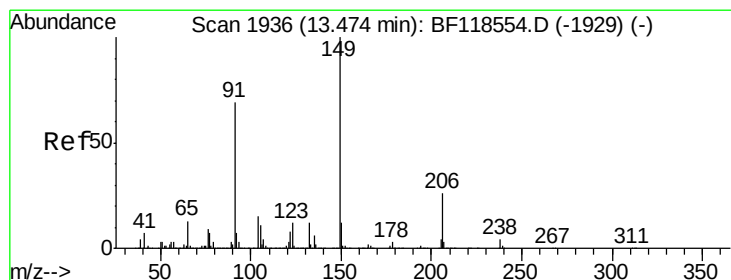
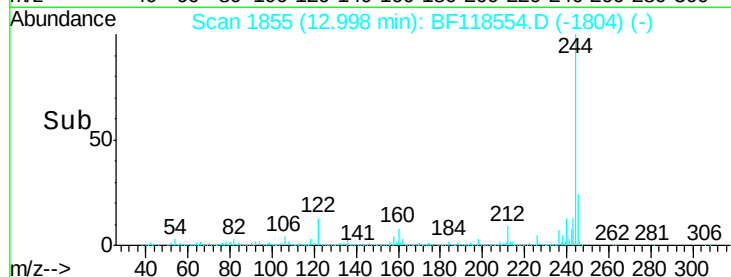
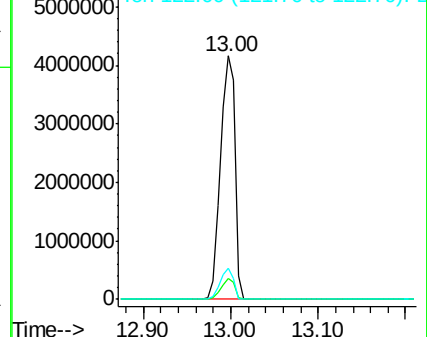
122 13.0 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 33.216 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

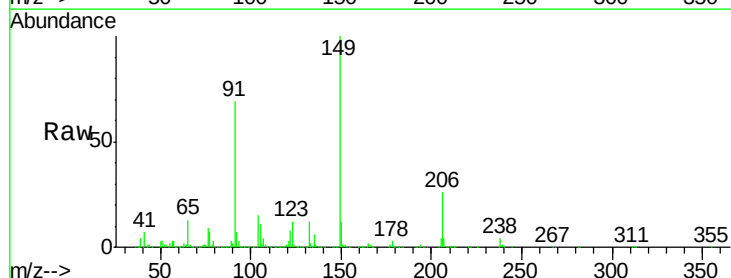
Tgt Ion:149 Resp: 1563429

Ion Ratio Lower Upper

149 100

91 69.4 55.5 83.3

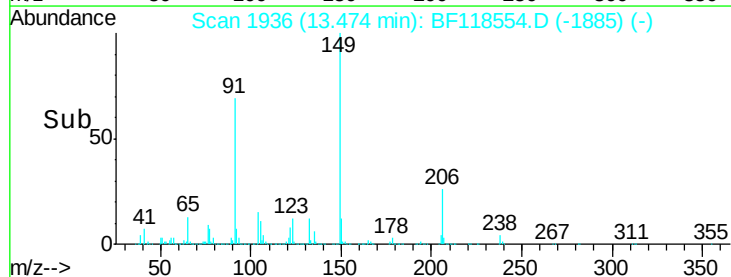
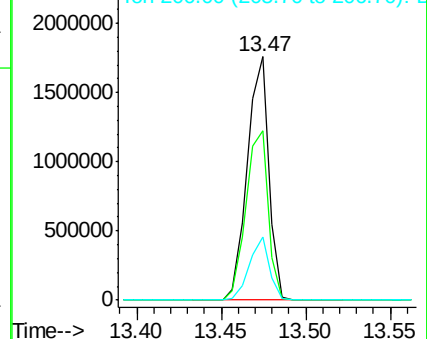
206 25.9 20.7 31.1

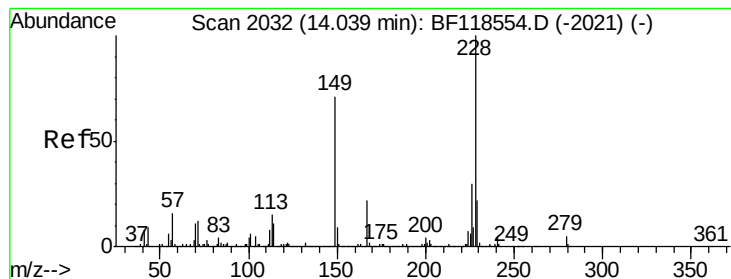


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.086 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

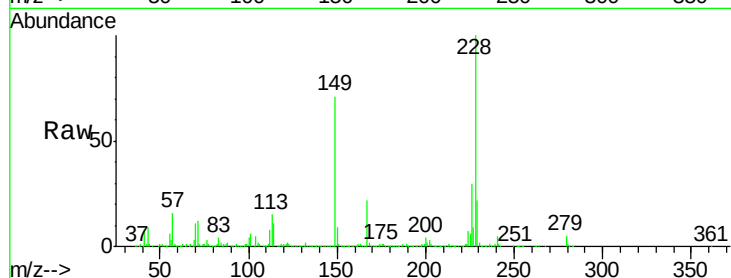
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 3112586

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	21.6	17.3	25.9

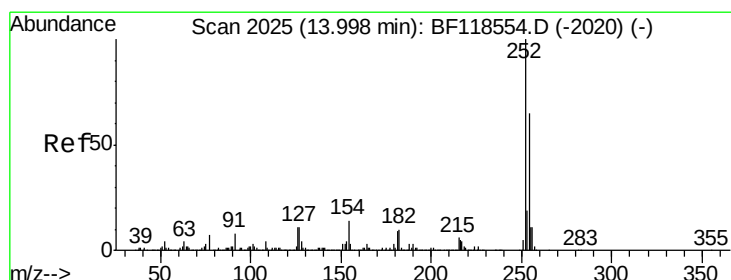
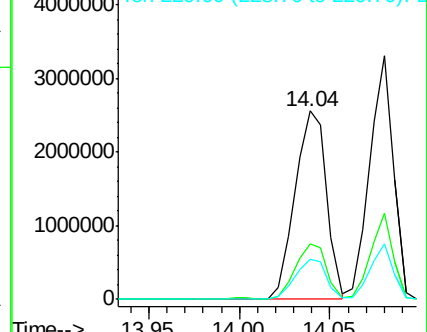
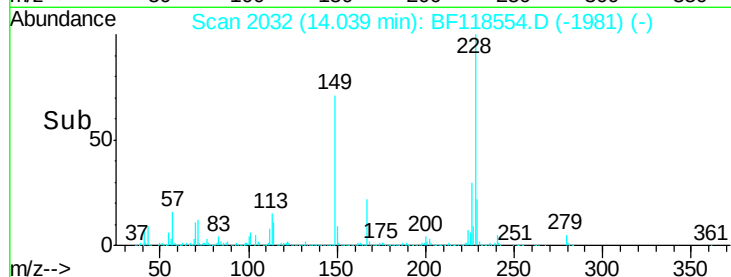


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.824 ng

RT: 14.00 min Scan# 2025

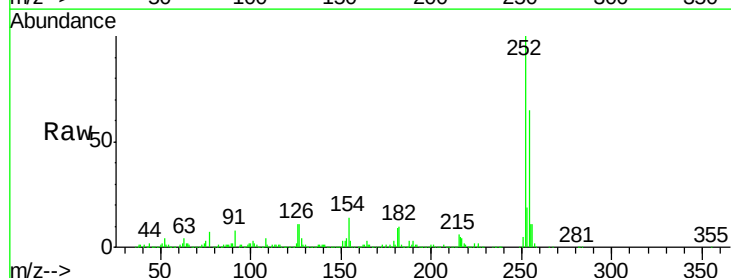
Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Tgt Ion:252 Resp: 1107746

Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.0	78.0
126	11.4	9.1	13.7

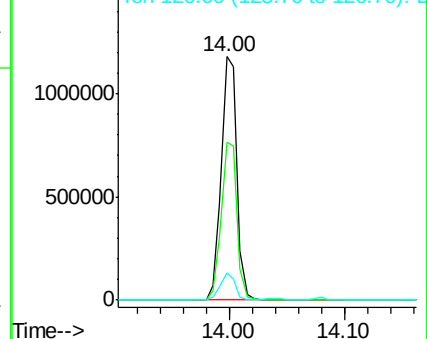
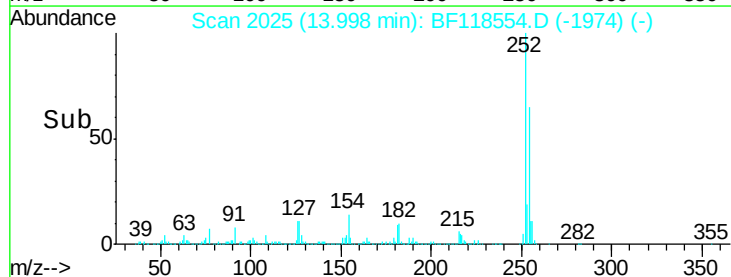


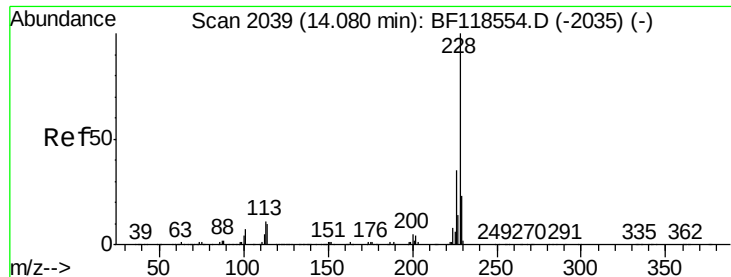
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.483 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Instrument :

BNA_F

ClientSampleId :

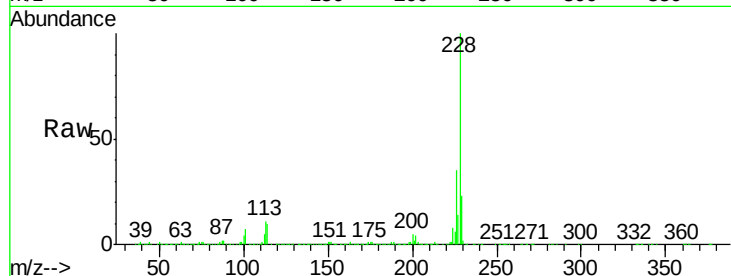
Tot Ion:228 Resp: 3016152

Ion	Ratio	Lower	Upper
228	100		
226	35.2	28.2	42.2
229	22.7	18.2	27.2

228 100

226 35.2 28.2 42.2

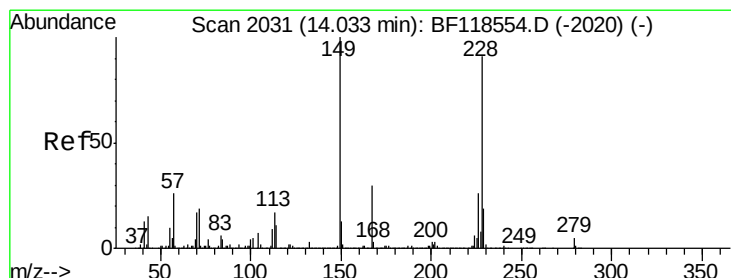
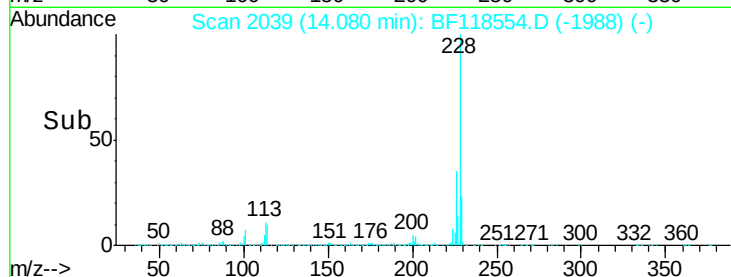
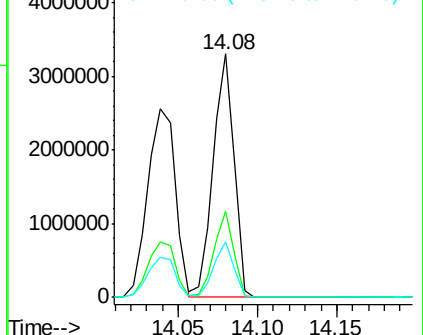
229 22.7 18.2 27.2



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: 32.067 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

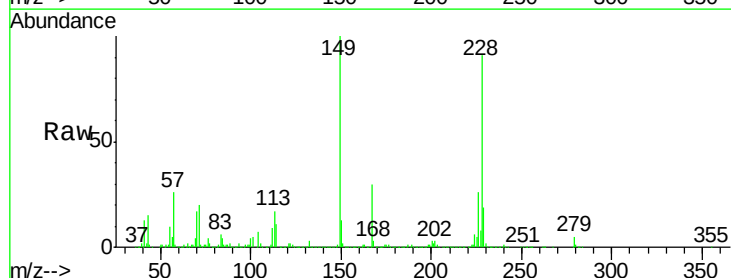
Tgt Ion:149 Resp: 2016491

Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.9	35.9
279	5.2	4.2	6.2

149 100

167 29.9 23.9 35.9

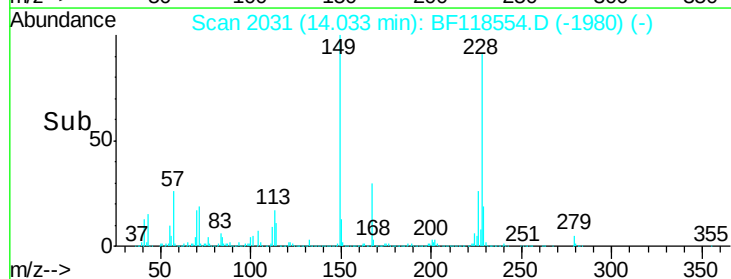
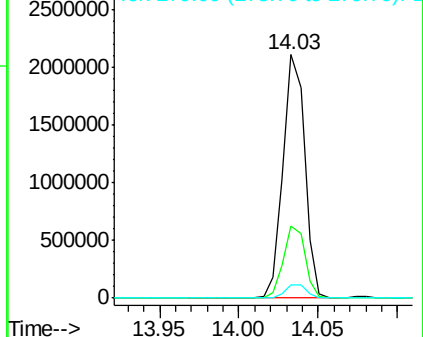
279 5.2 4.2 6.2

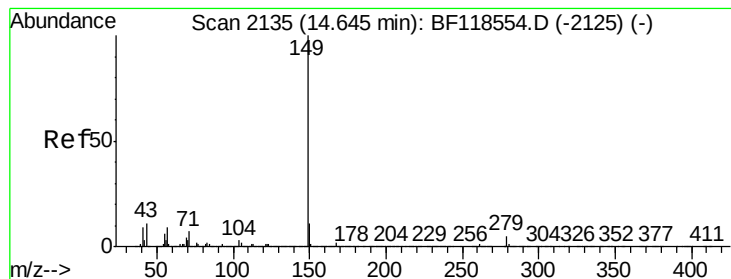


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 33.459 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

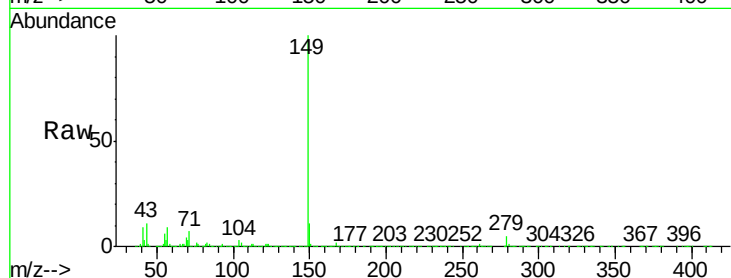
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 3148197

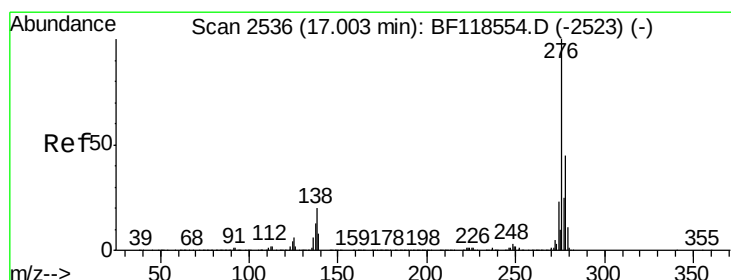
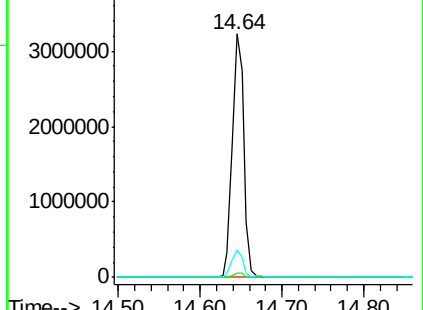
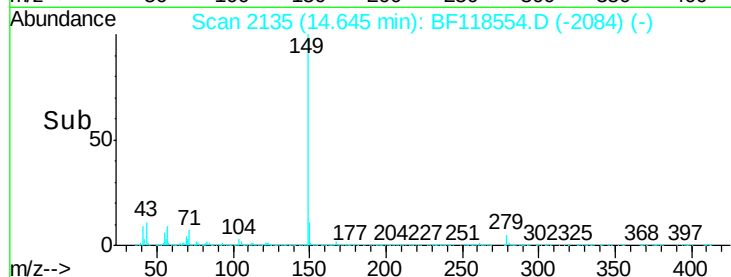
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	11.1	8.9	13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.326 ng

RT: 17.00 min Scan# 2536

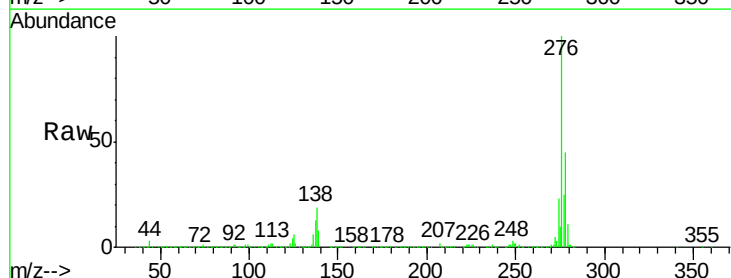
Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Tgt Ion:276 Resp: 2666777

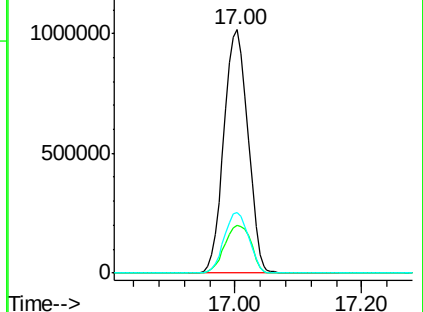
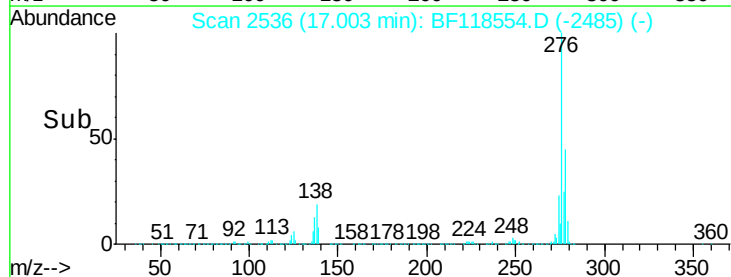
Ion	Ratio	Lower	Upper
276	100		
138	21.6	17.3	25.9
277	25.6	20.5	30.7

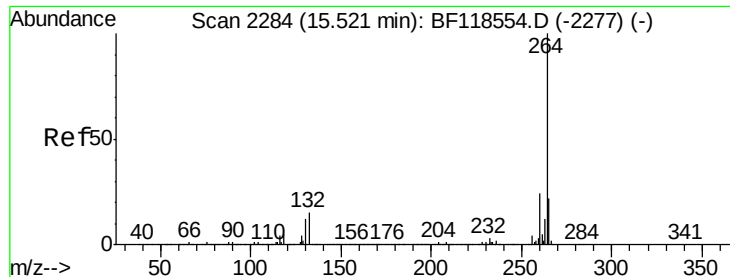


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



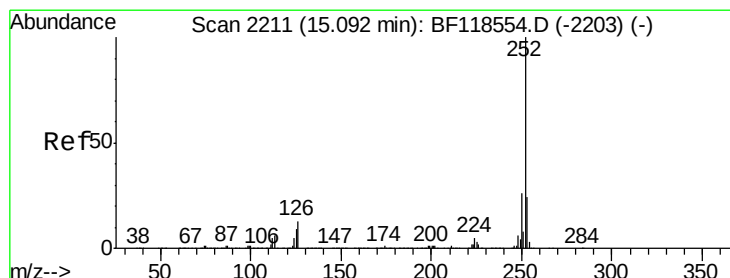
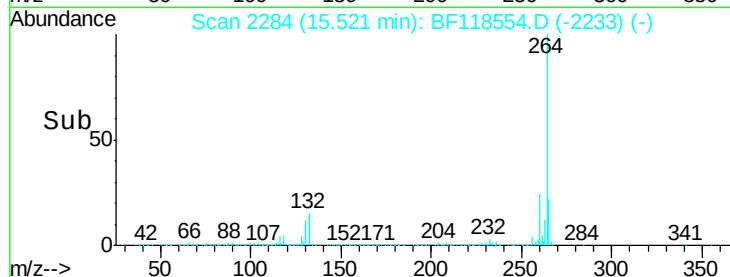
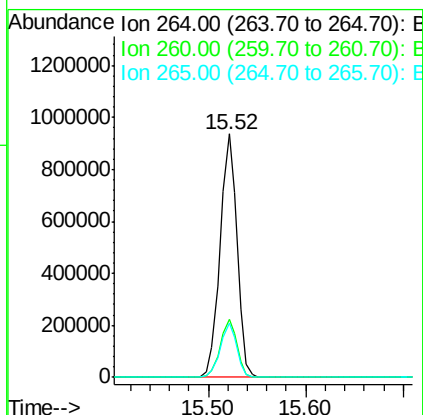
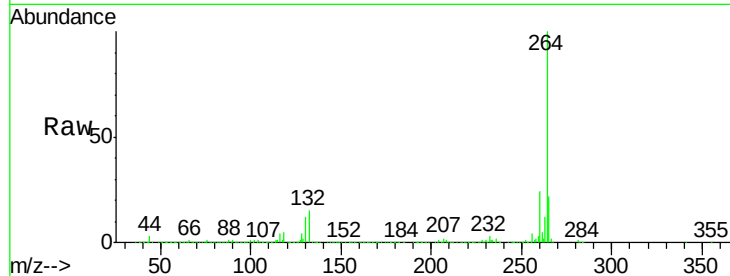


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 1125311

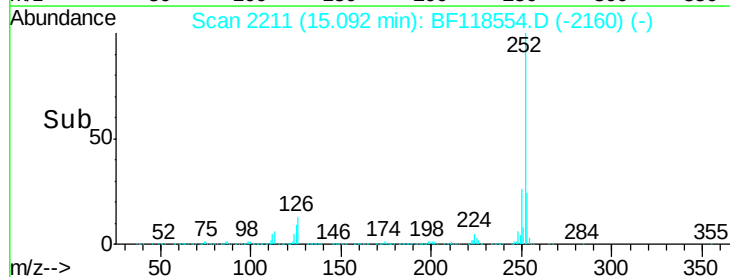
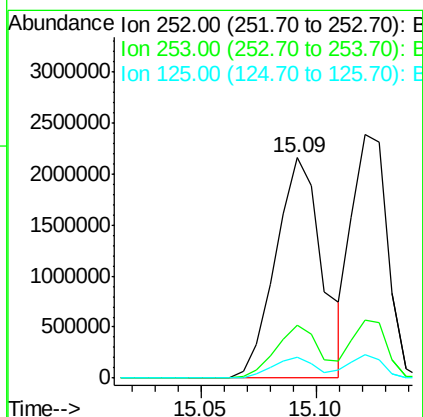
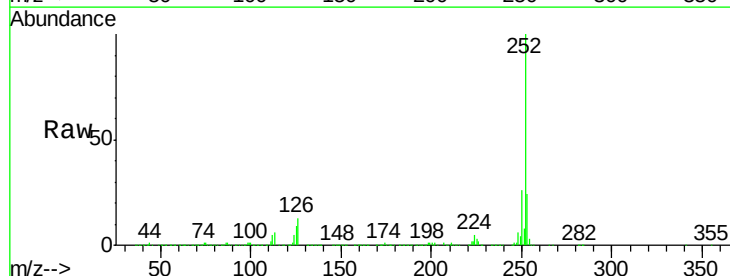
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	22.0	17.6	26.4

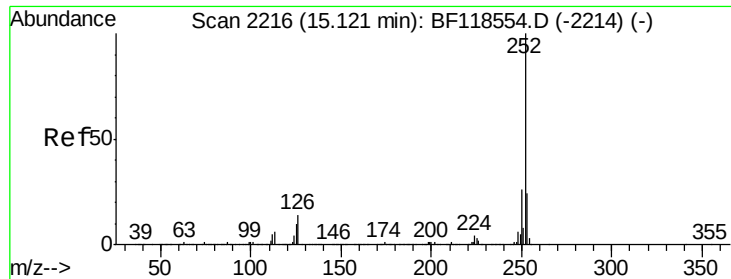


#88
Benzo(b)fluoranthene
Concen: 41.883 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Tgt Ion:252 Resp: 3020576

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.1	28.7
125	9.4	7.5	11.3

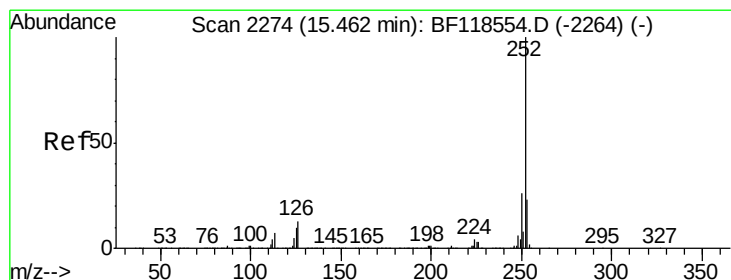
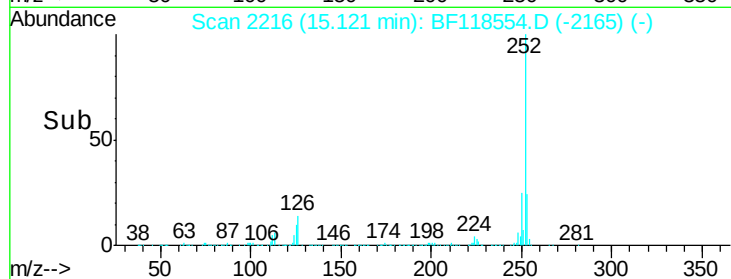
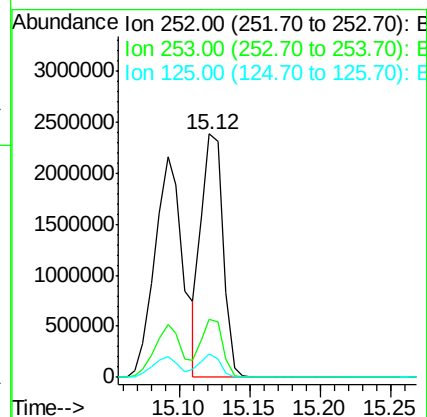
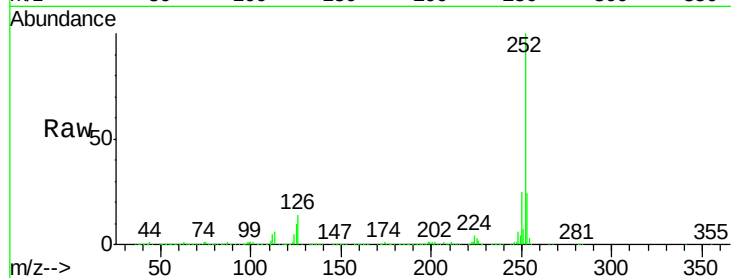




#89
Benzo(k)fluoranthene
Concen: 39.168 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

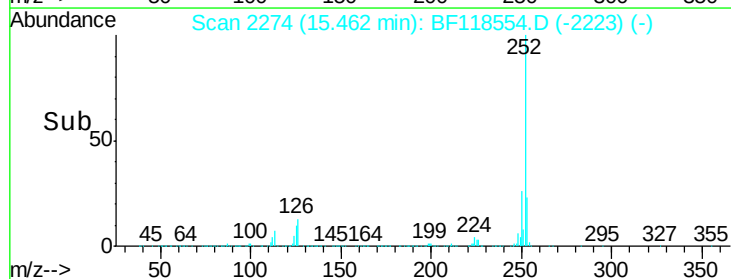
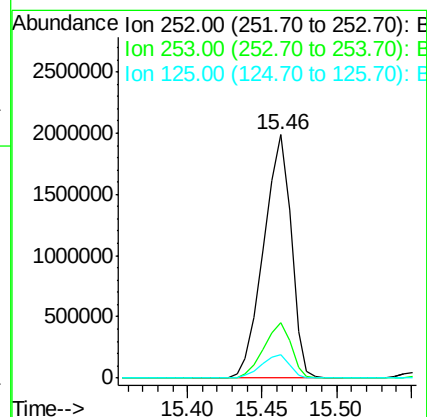
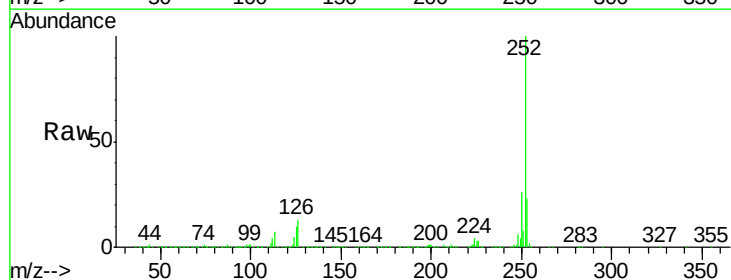
Instrument :
BNA_F
ClientSampleId :

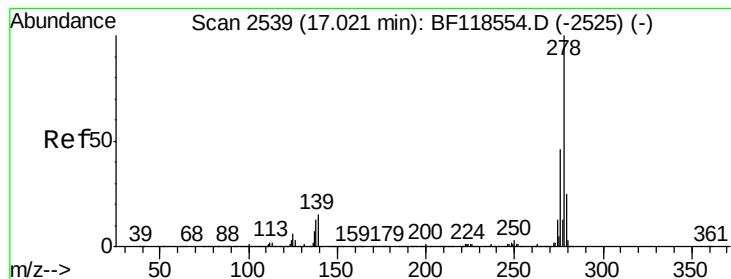
Tot Ion:252 Resp: 2558784
Ion Ratio Lower Upper
252 100
253 23.7 19.0 28.4
125 9.8 7.8 11.8



#90
Benzo(a)pyrene
Concen: 39.328 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF118554.D
Acq: 17 Jan 2020 11:35

Tgt Ion:252 Resp: 2527475
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 9.7 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 37.243 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

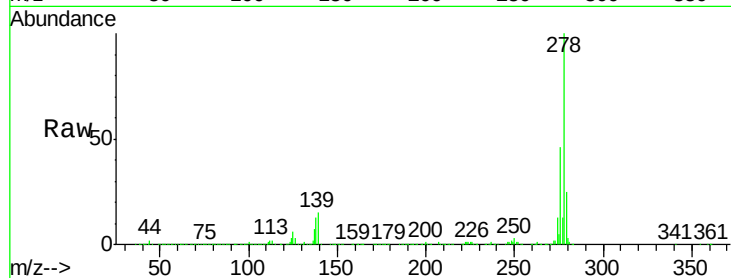
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 2173335

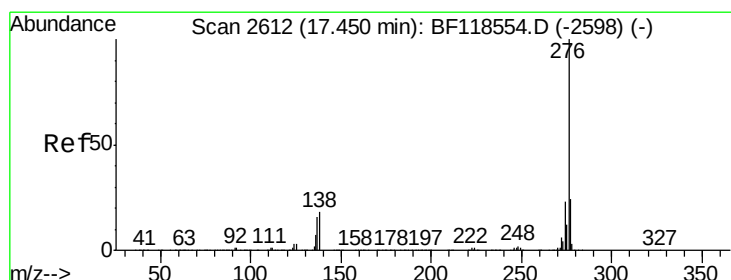
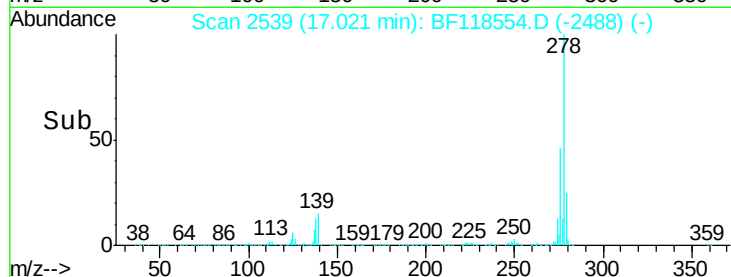
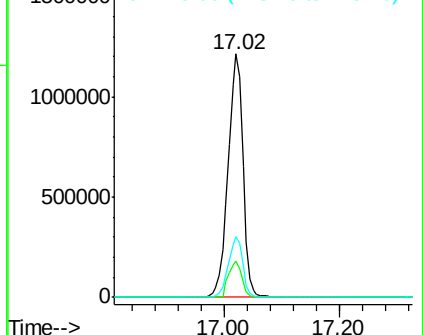
Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.7	17.5
279	25.0	20.0	30.0



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: 36.395 ng

RT: 17.45 min Scan# 2612

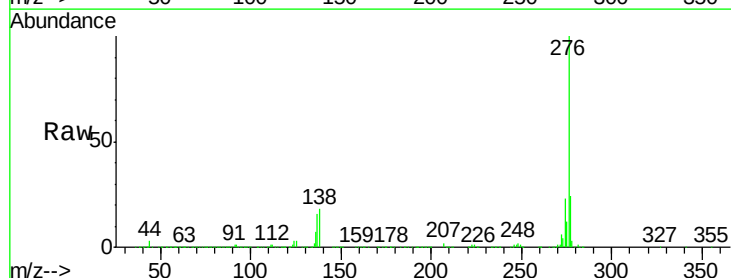
Delta R.T. 0.00 min

Lab File: BF118554.D

Acq: 17 Jan 2020 11:35

Tgt Ion:276 Resp: 2066164

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	18.4	14.7	22.1



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

