

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119934.D
 Acq On : 14 Apr 2020 4:50
 Operator : MA/SJ
 Sample : PB128182BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 06:51:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	234551	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	923949	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	497597	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	972603	20.00	ng	0.00
76) Chrysene-d12	13.91	240	689757	20.00	ng	0.00
87) Perylene-d12	15.33	264	658250	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1597711	117.72	ng	0.02
7) Phenol-d6	6.38	99	2055129	117.51	ng	0.00
23) Nitrobenzene-d5	7.30	82	1302267	72.92	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	661042	108.50	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2540048	72.47	ng	0.00
79) Terphenyl-d14	12.86	244	2927624	71.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	195730	32.379	ng	97
3) Pyridine	3.18	79	566759	34.172	ng	95
4) n-Nitrosodimethylamine	3.14	42	323852	38.217	ng	94
6) Aniline	6.40	93	805043	35.072	ng	# 89
8) 2-Chlorophenol	6.52	128	664634	43.828	ng	98
9) Benzaldehyde	6.28	77	301033	28.116	ng	98
10) Phenol	6.39	94	823314	41.497	ng	92
11) bis(2-Chloroethyl)ether	6.47	93	616462	40.241	ng	98
12) 1,3-Dichlorobenzene	6.67	146	647091	38.977	ng	99
13) 1,4-Dichlorobenzene	6.76	146	654304	38.689	ng	98
14) 1,2-Dichlorobenzene	6.91	146	618539	39.686	ng	97
15) Benzyl Alcohol	6.89	79	541270	39.848	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1085030	36.398	ng	99
17) 2-Methylphenol	7.00	107	540580	39.945	ng	98
18) Hexachloroethane	7.25	117	249974	39.551	ng	94
19) n-Nitroso-di-n-propylamine	7.16	70	452190	40.209	ng	98
20) 3+4-Methylphenols	7.15	107	658905	39.810	ng	99
22) Acetophenone	7.15	105	856971	39.609	ng	# 97
24) Nitrobenzene	7.33	77	688576	38.326	ng	95
25) Isophorone	7.57	82	1294700	37.606	ng	99
26) 2-Nitrophenol	7.64	139	361967	40.326	ng	96
27) 2,4-Dimethylphenol	7.68	122	576358	42.575	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	811576	40.060	ng	100
29) 2,4-Dichlorophenol	7.88	162	558788	40.270	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	584791	37.194	ng	99
31) Naphthalene	8.05	128	1876428	38.600	ng	99
32) Benzoic acid	7.82	122	387714	32.611	ng	94
33) 4-Chloroaniline	8.09	127	582988	27.548	ng	99
34) Hexachlorobutadiene	8.16	225	330450	35.110	ng	100
35) Caprolactam	8.47	113	95698	22.546	ng	89
36) 4-Chloro-3-methylphenol	8.59	107	619735	41.252	ng	96
37) 2-Methylnaphthalene	8.74	142	1280016	38.839	ng	99
38) 1-Methylnaphthalene	8.84	142	1225452	39.450	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	557451	35.470	ng	99

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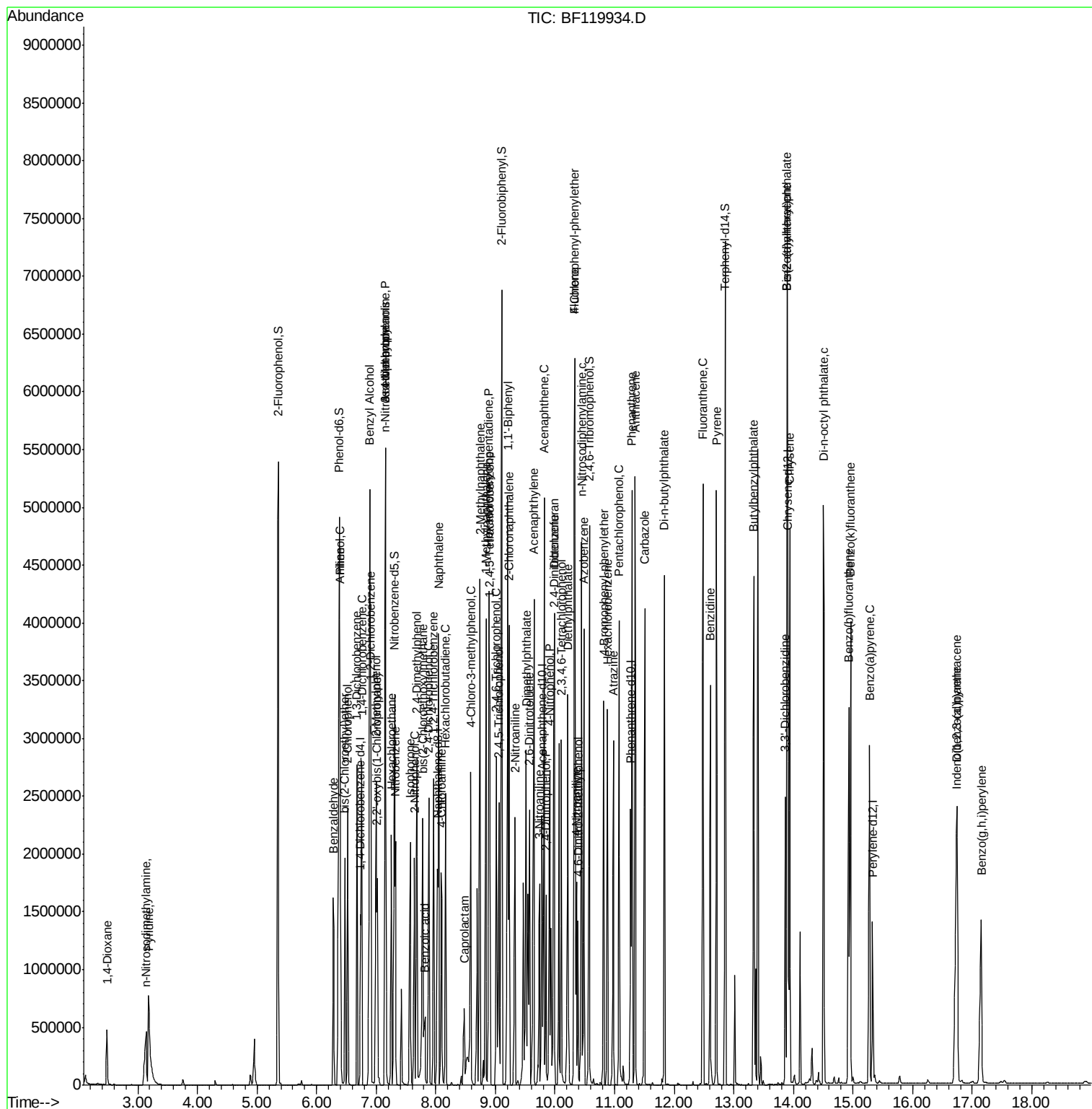
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	648473	72.562	ng	99
43) 2,4,6-Trichlorophenol	9.02	196	423864	39.056	ng	98
44) 2,4,5-Trichlorophenol	9.06	196	453331	37.087	ng	98
46) 1,1'-Biphenyl	9.20	154	1558558	37.109	ng	99
47) 2-Chloronaphthalene	9.23	162	1215200	37.559	ng	98
48) 2-Nitroaniline	9.33	65	456039	38.895	ng	96
49) Acenaphthylene	9.65	152	1928009	39.183	ng	99
50) Dimethylphthalate	9.52	163	1475432	38.334	ng	99
51) 2,6-Dinitrotoluene	9.57	165	336122	39.880	ng	96
52) Acenaphthene	9.82	154	1160989	35.371	ng	99
53) 3-Nitroaniline	9.74	138	274613	28.528	ng	95
54) 2,4-Dinitrophenol	9.85	184	213828	42.375	ng	94
55) Dibenzofuran	9.99	168	1721573	38.222	ng	98
56) 4-Nitrophenol	9.91	139	573543	80.079	ng	96
57) 2,4-Dinitrotoluene	9.97	165	448313	40.372	ng	94
58) Fluorene	10.33	166	1354361	37.598	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	388903	41.600	ng	96
60) Diethylphthalate	10.21	149	1522747	38.173	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	644795	34.925	ng	96
62) 4-Nitroaniline	10.36	138	376015	40.989	ng	99
63) Azobenzene	10.49	77	1425235	39.867	ng	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	188930	29.485	ng	97
66) n-Nitrosodiphenylamine	10.45	169	1265876	39.135	ng	99
67) 4-Bromophenyl-phenylether	10.82	248	438474	36.252	ng	96
68) Hexachlorobenzene	10.88	284	463703	37.791	ng	97
69) Atrazine	10.98	200	399934	44.439	ng	97
70) Pentachlorophenol	11.07	266	487804	68.986	ng	98
71) Phenanthrene	11.29	178	2000690	38.651	ng	98
72) Anthracene	11.35	178	2069806	39.142	ng	100
73) Carbazole	11.50	167	1929065	38.577	ng	99
74) Di-n-butylphthalate	11.83	149	2390448	36.363	ng	99
75) Fluoranthene	12.48	202	2181387	39.057	ng	98
77) Benzidine	12.60	184	1346504	57.751	ng	97
78) Pyrene	12.71	202	2178889	37.472	ng	98
80) Butylbenzylphthalate	13.33	149	1017346	36.056	ng	98
81) Benzo(a)anthracene	13.90	228	1710379	37.693	ng	99
82) 3,3'-Dichlorobenzidine	13.86	252	486625	28.742	ng	95
83) Chrysene	13.94	228	1792088	38.868	ng	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1306131	34.184	ng	100
85) Di-n-octyl phthalate	14.50	149	2382285	36.618	ng	98
86) Indeno(1,2,3-cd)pyrene	16.73	276	1606276	39.522	ng	99
88) Benzo(b)fluoranthene	14.93	252	1833030	38.710	ng	99
89) Benzo(k)fluoranthene	14.96	252	1664003	40.728	ng	98
90) Benzo(a)pyrene	15.27	252	1543761	38.774	ng	99
91) Dibenzo(a,h)anthracene	16.74	278	1332785	37.791	ng	98
92) Benzo(g,h,i)perylene	17.15	276	1288480	37.012	ng	97

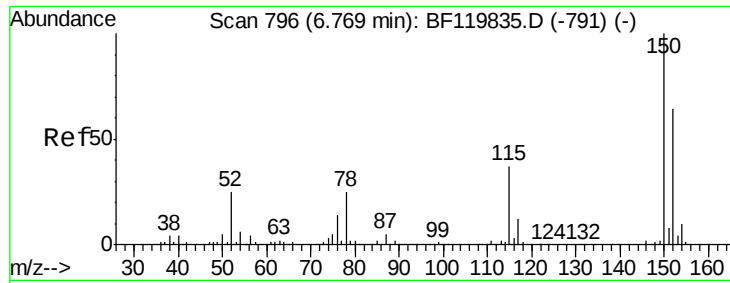
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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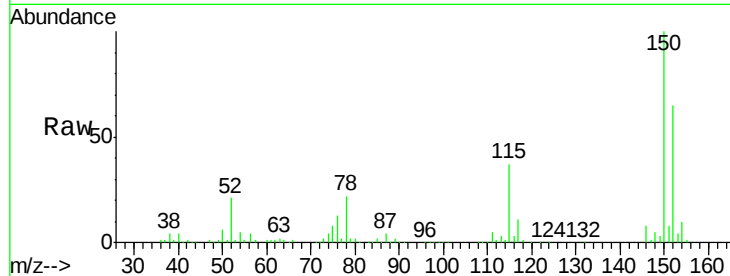


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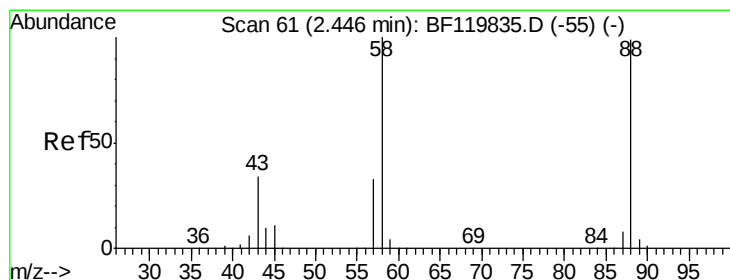
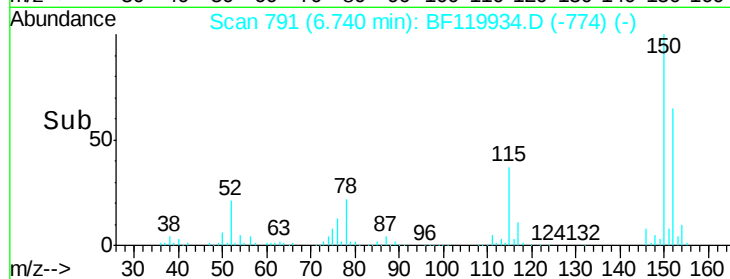
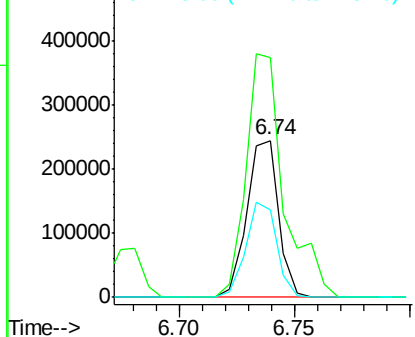
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 234551
Ion Ratio Lower Upper
152 100
150 152.9 124.8 187.2
115 55.9 46.5 69.7



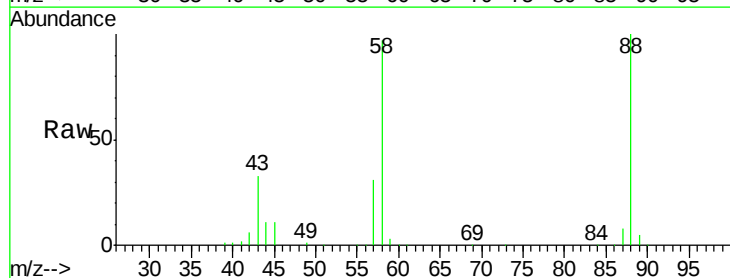
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



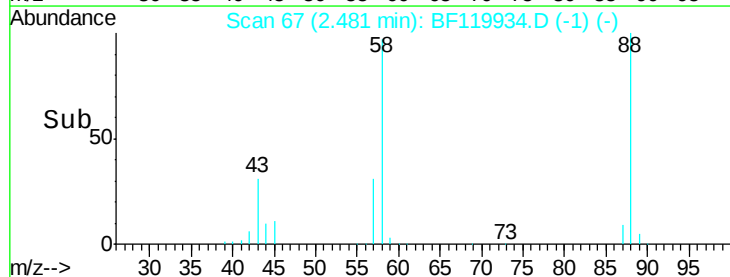
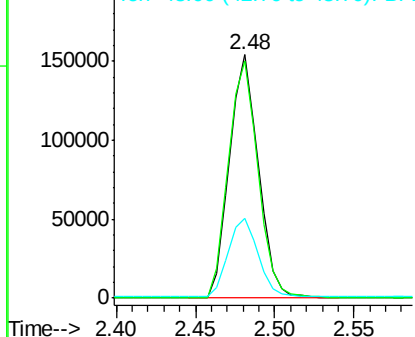
#2

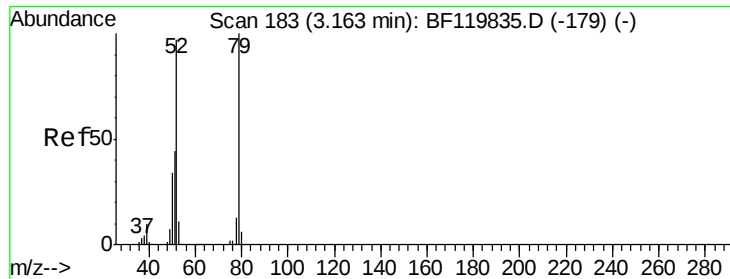
1,4-Dioxane
Concen: 32.379 ng
RT: 2.48 min Scan# 67
Delta R.T. 0.09 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

Tgt Ion: 88 Resp: 195730
Ion Ratio Lower Upper
88 100
58 100.0 82.6 123.8
43 33.2 28.6 42.8



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





#3

Pvridine

Concen: 34.172 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.09 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampleId :

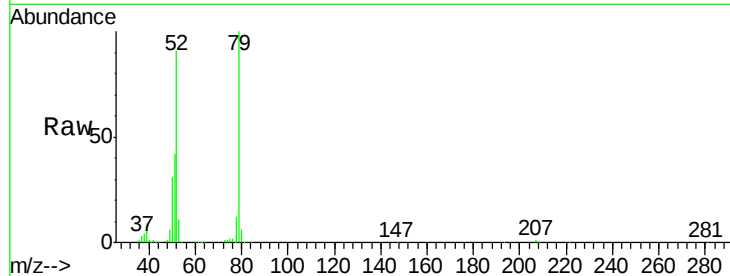
Tot Ion: 79 Resp: 566759

Ion Ratio Lower Upper

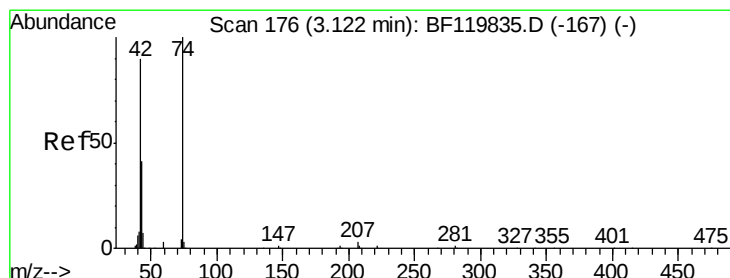
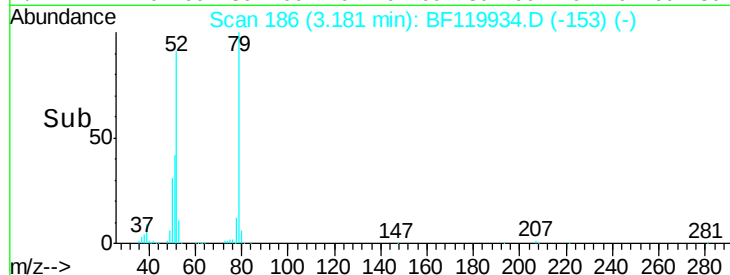
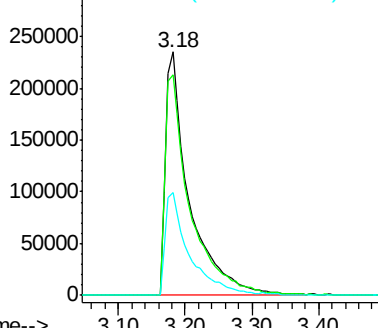
79 100

52 90.6 77.4 116.0

51 42.4 35.3 52.9



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.217 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.09 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

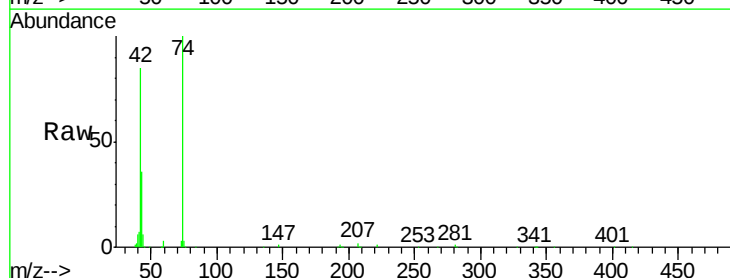
Tgt Ion: 42 Resp: 323852

Ion Ratio Lower Upper

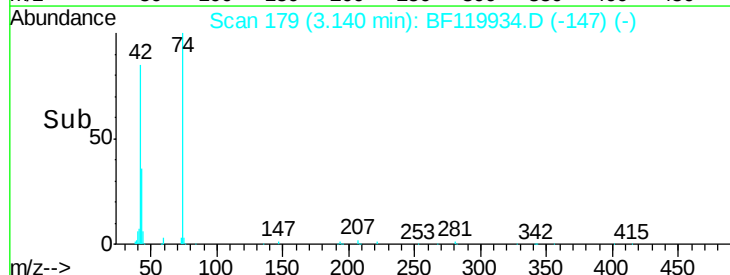
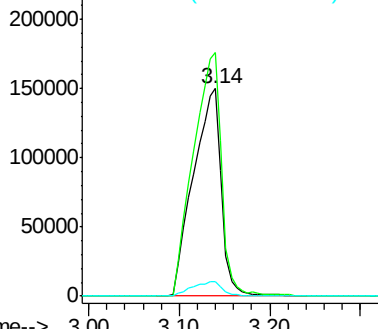
42 100

74 117.5 89.0 133.4

44 6.9 6.2 9.4



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: 117.720 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.02 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampleId :

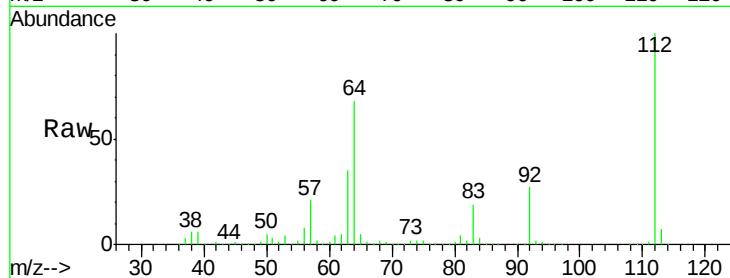
Tot Ion:112 Resp: 1597711

Ion Ratio Lower Upper

112 100

64 67.8 55.5 83.3

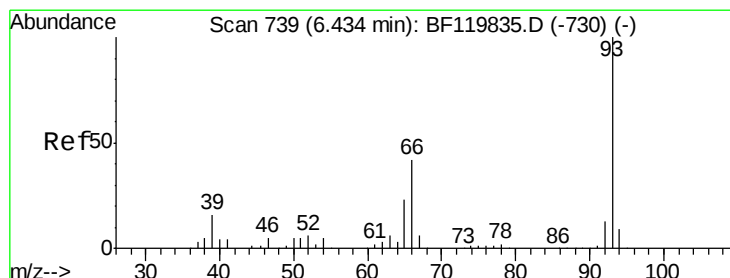
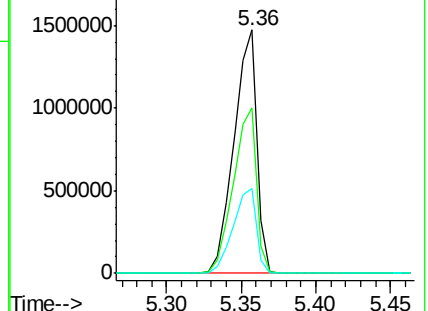
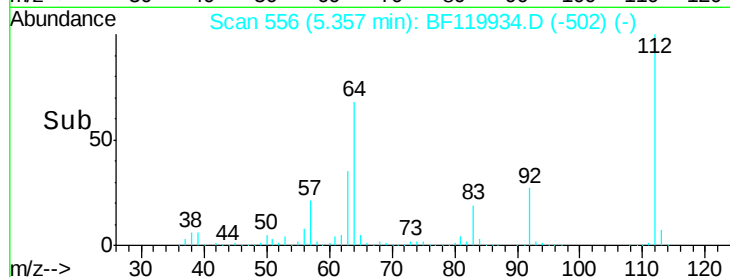
63 34.8 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.072 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

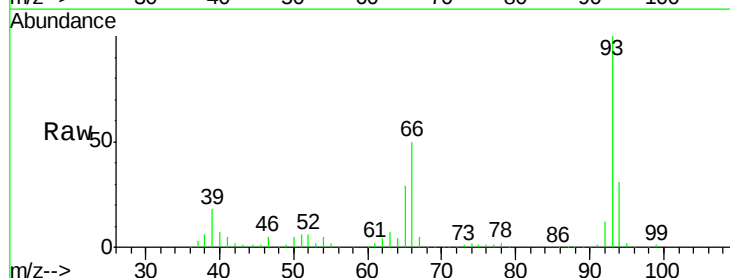
Tgt Ion: 93 Resp: 805043

Ion Ratio Lower Upper

93 100

66 49.9 34.2 51.2

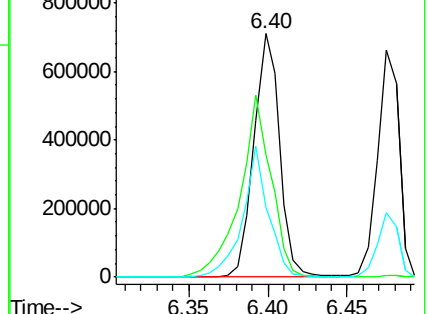
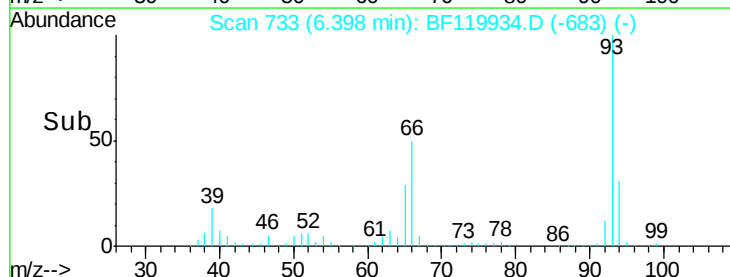
65 28.6 18.3 27.5#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.514 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

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ClientSampleId :

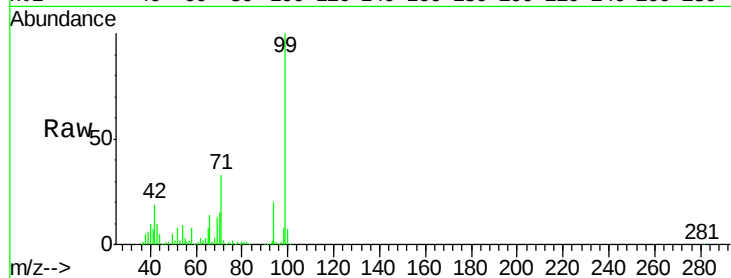
Tot Ion: 99 Resp: 2055129

Ion Ratio Lower Upper

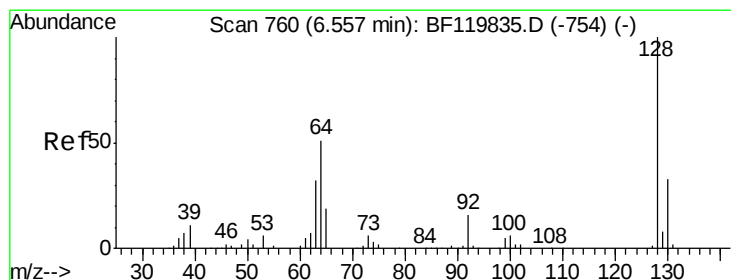
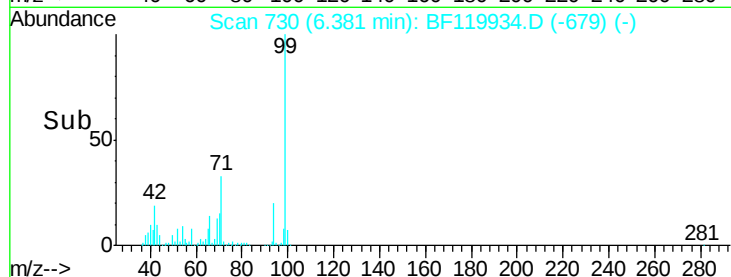
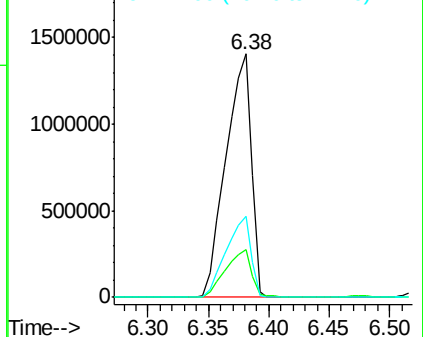
99 100

42 19.5 16.9 25.3

71 33.1 26.3 39.5



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: 43.828 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

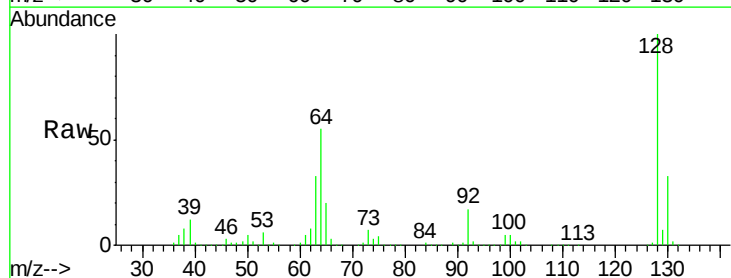
Tgt Ion: 128 Resp: 664634

Ion Ratio Lower Upper

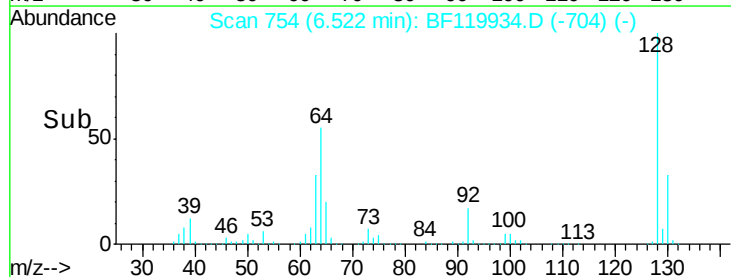
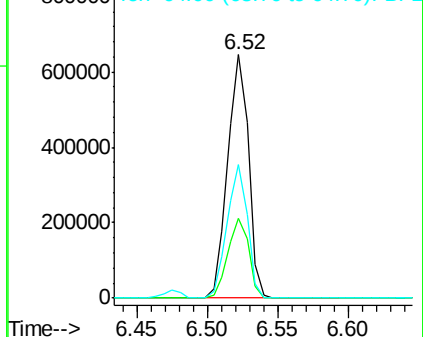
128 100

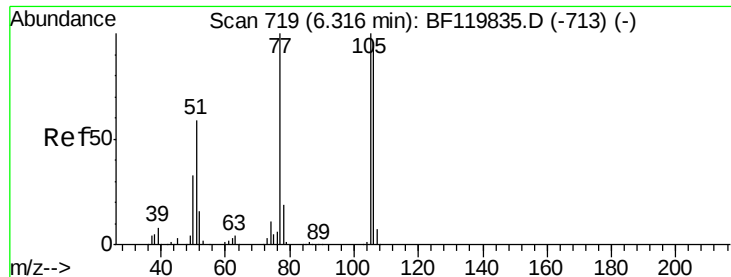
130 32.6 12.6 52.6

64 54.8 32.0 72.0



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: 28.116 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

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ClientSampleId :

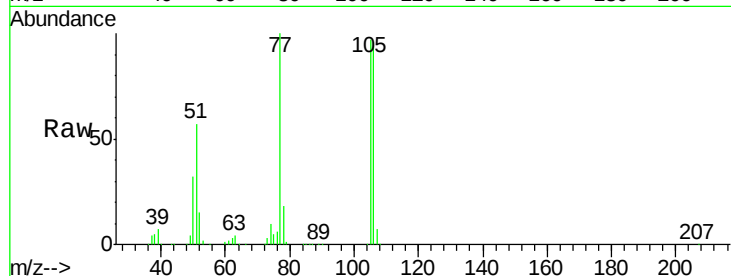
Tot Ion: 77 Resp: 301033

Ion Ratio Lower Upper

77 100

105 96.6 79.9 119.9

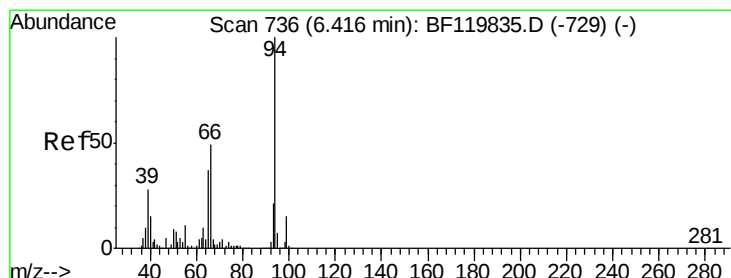
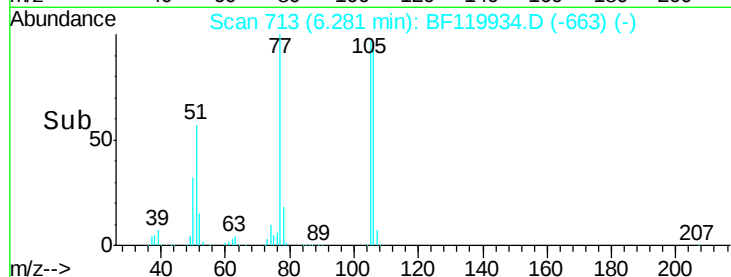
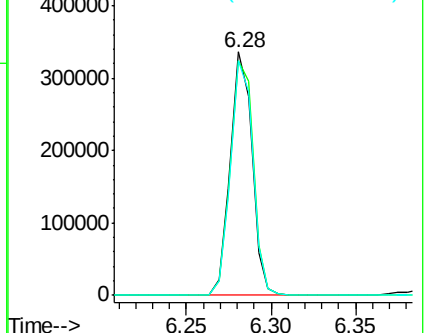
106 96.1 76.4 116.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.497 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

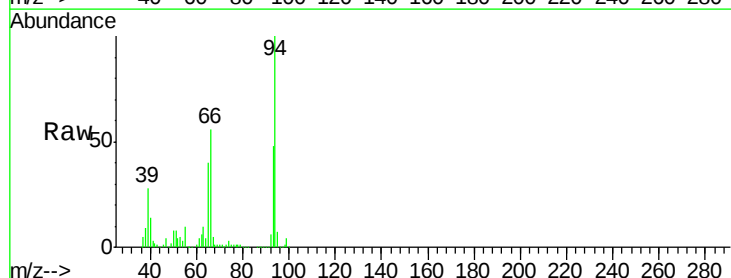
Tgt Ion: 94 Resp: 823314

Ion Ratio Lower Upper

94 100

65 40.2 16.6 56.6

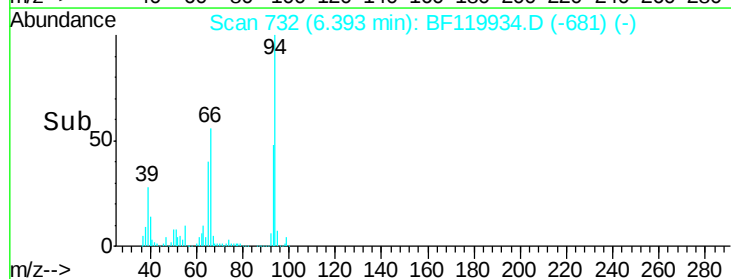
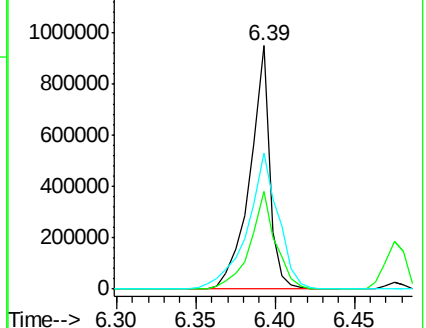
66 55.9 29.3 69.3

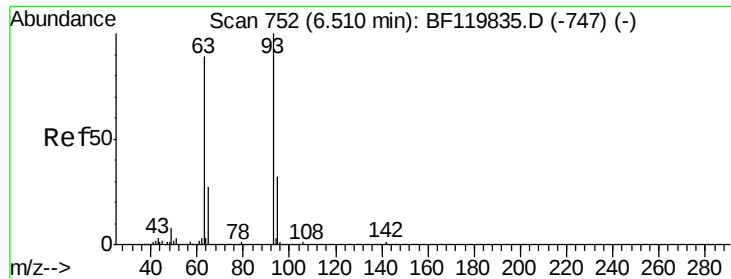


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

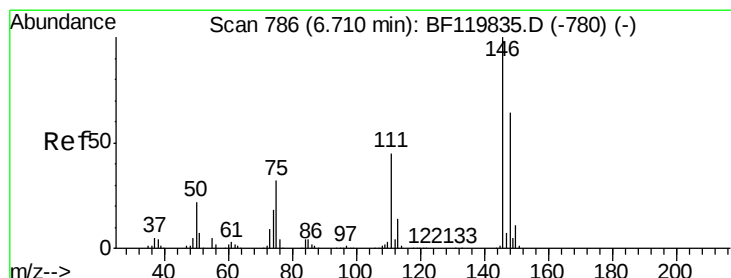
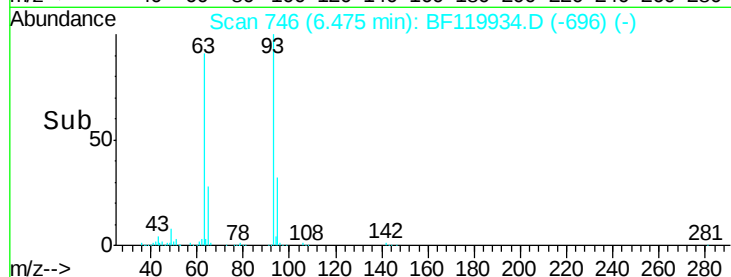
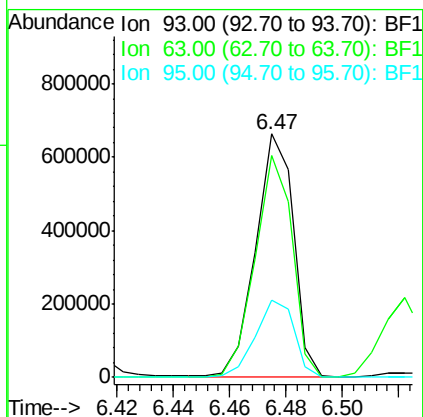
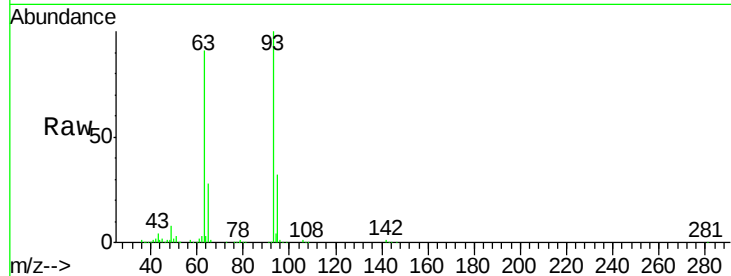




#11
bis(2-Chloroethyl)ether
Concen: 40.241 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

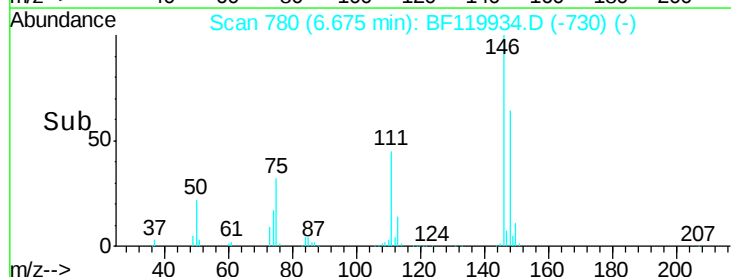
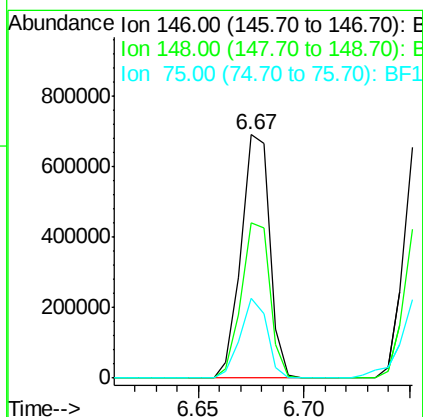
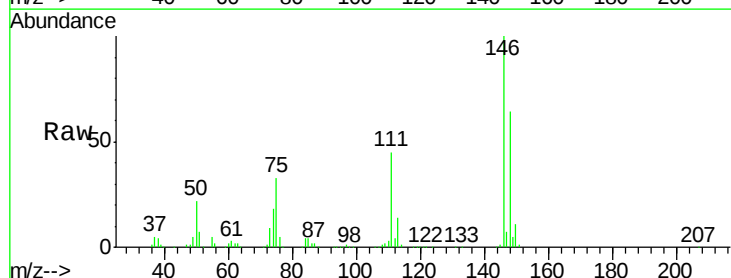
Instrument :
BNA_F
ClientSampleId :

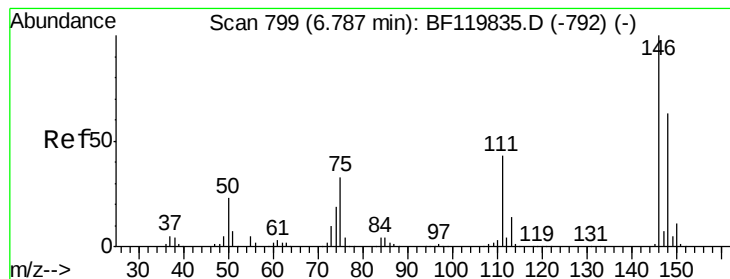
Tot Ion: 93 Resp: 616462
Ion Ratio Lower Upper
93 100
63 91.2 69.1 109.1
95 32.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.977 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

Tgt Ion: 146 Resp: 647091
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
75 32.6 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 38.689 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampled :

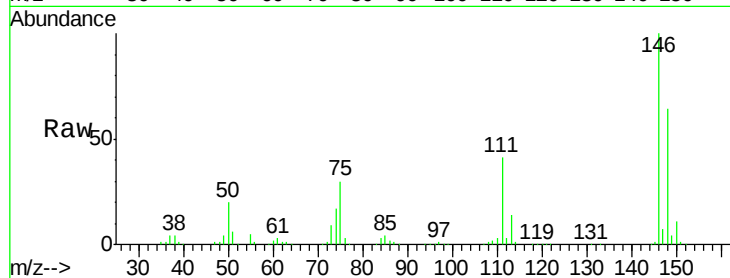
Tot Ion:146 Resp: 654304

Ion Ratio Lower Upper

146 100

148 64.3 50.5 75.7

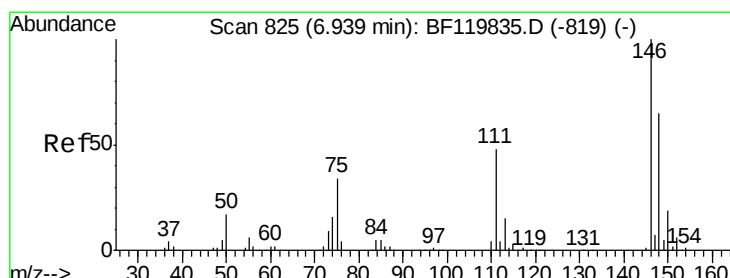
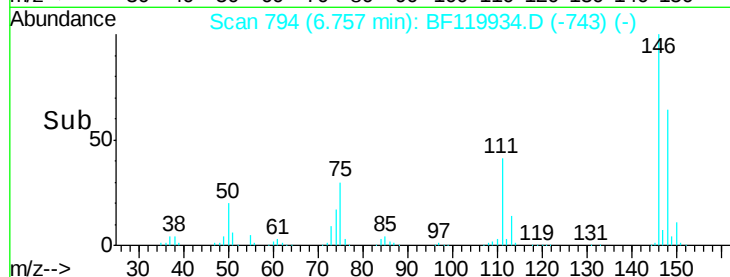
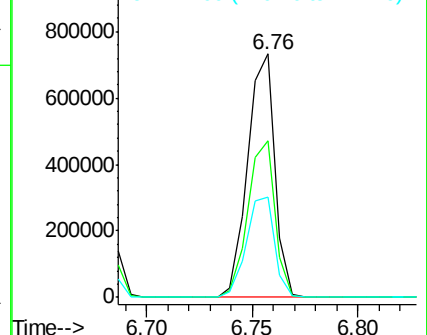
111 41.1 34.7 52.1



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: 39.686 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

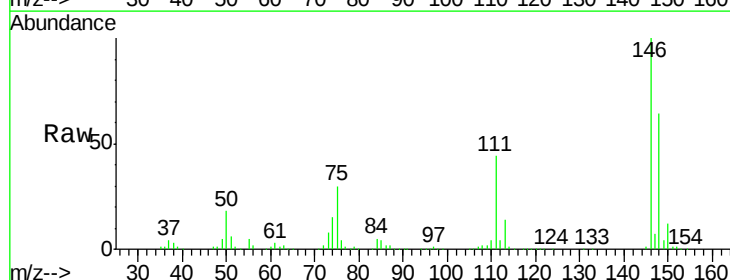
Tgt Ion:146 Resp: 618539

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

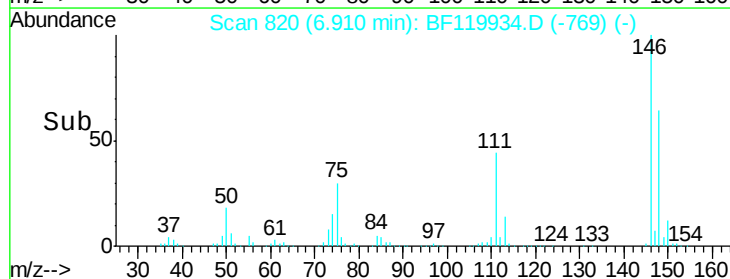
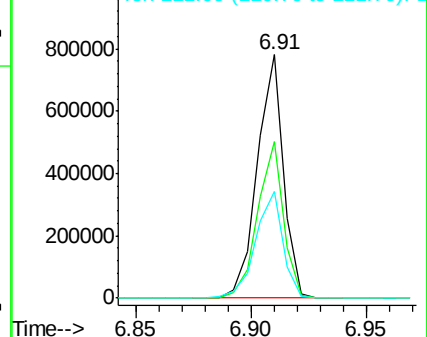
111 43.9 38.0 57.0

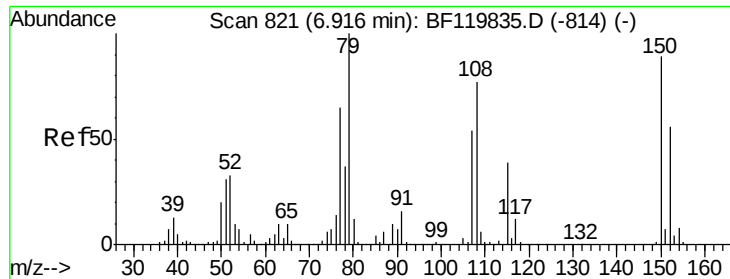


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.848 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampled :

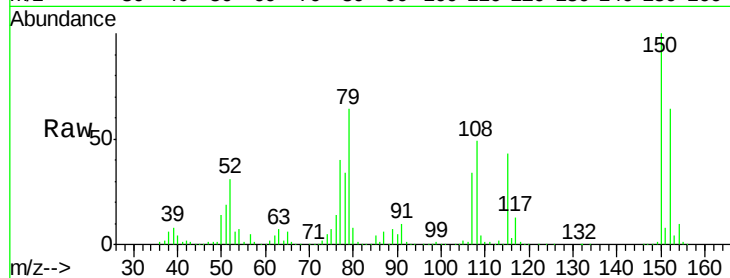
Tot Ion: 79 Resp: 541270

Ion Ratio Lower Upper

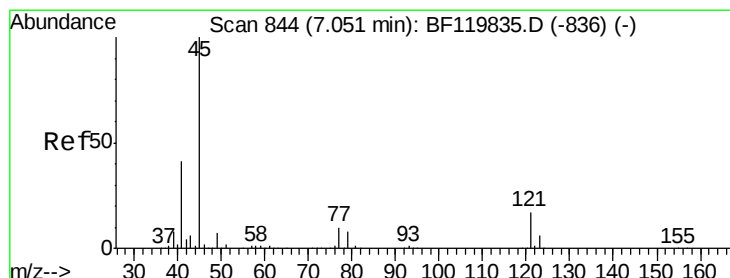
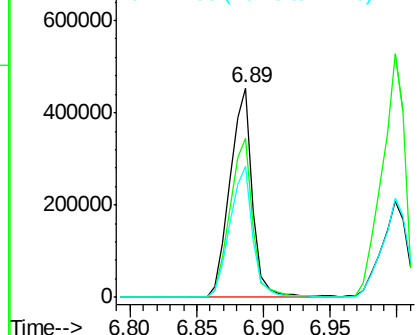
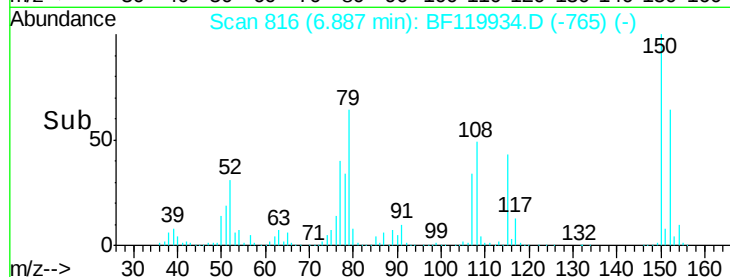
79 100

108 76.3 62.0 93.0

77 62.7 51.8 77.6



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.398 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

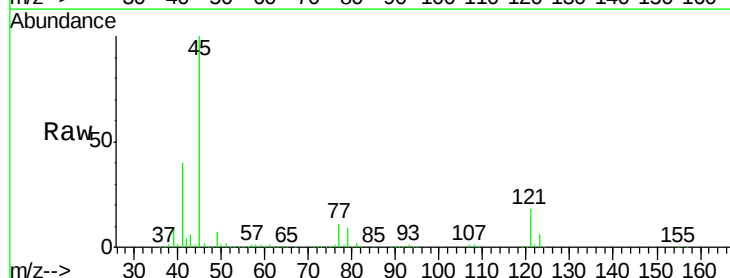
Tgt Ion: 45 Resp: 1085030

Ion Ratio Lower Upper

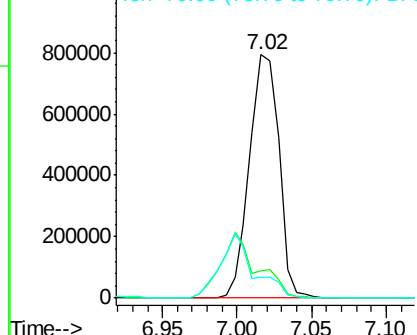
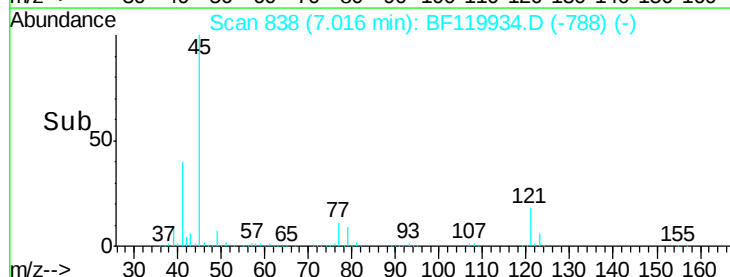
45 100

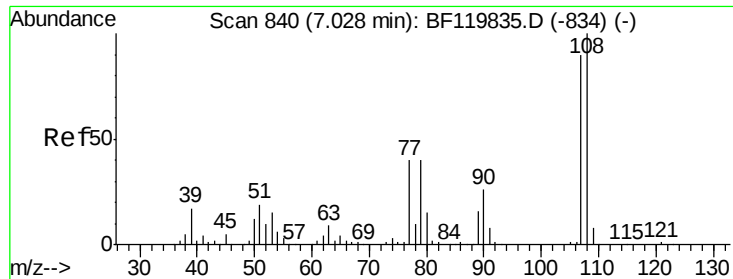
77 11.2 0.0 30.7

79 8.7 0.0 28.6



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

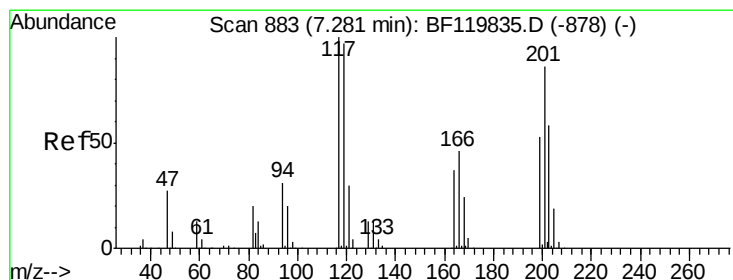
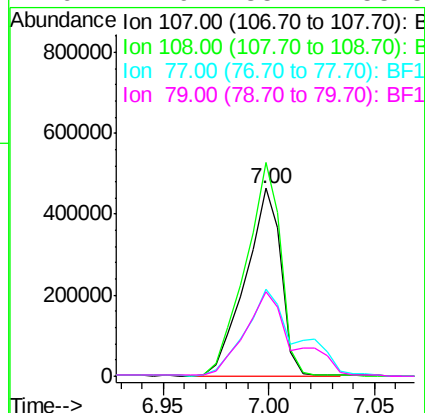
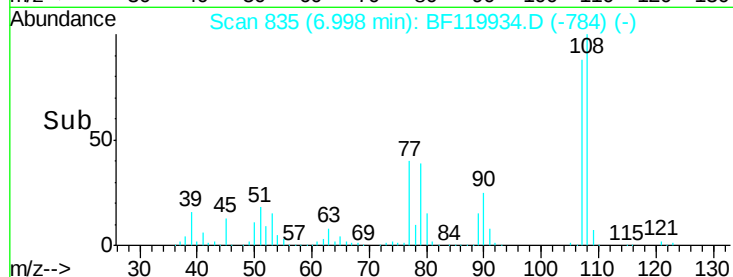
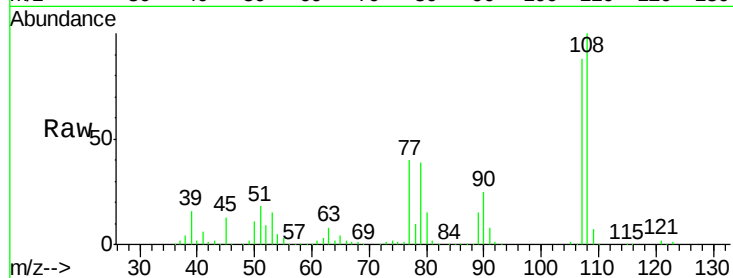




#17
2-Methylphenol
Concen: 39.945 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

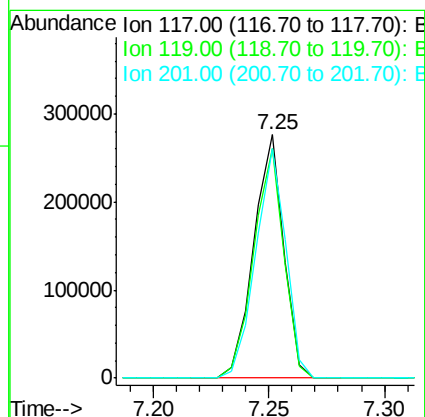
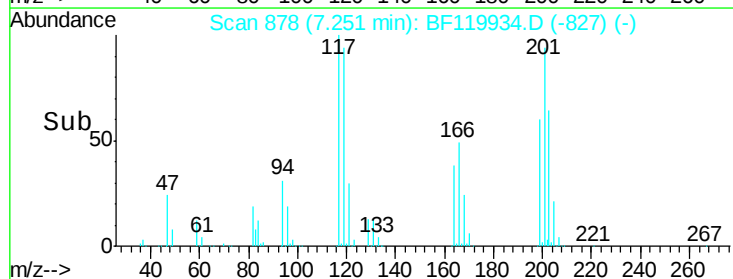
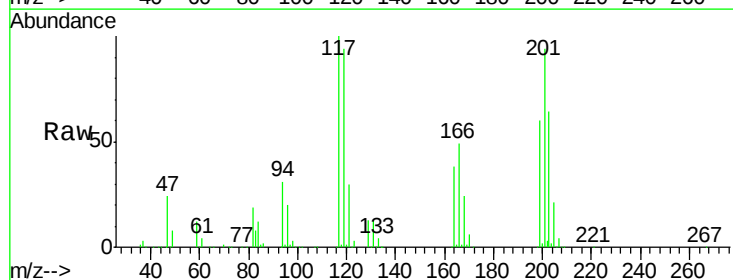
Instrument :
BNA_F
ClientSampleId :

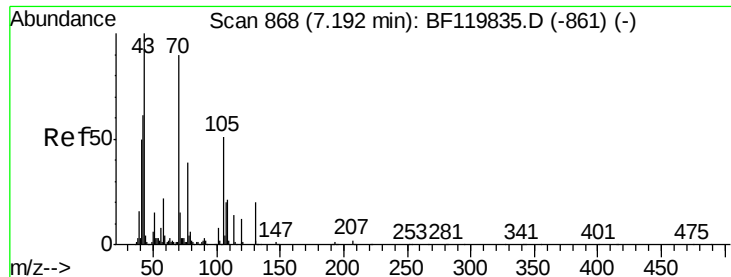
Tot Ion:	107	Resp:	540580
Ion	Ratio	Lower	Upper
107	100		
108	113.8	88.8	133.2
77	46.1	36.0	54.0
79	44.9	35.7	53.5



#18
Hexachloroethane
Concen: 39.551 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

Tgt Ion:	117	Resp:	249974
Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.4	116.0
201	94.0	68.4	102.6

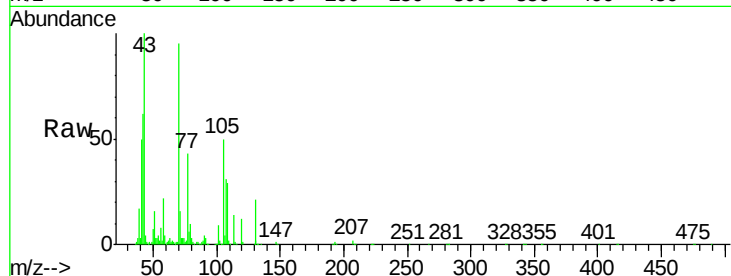




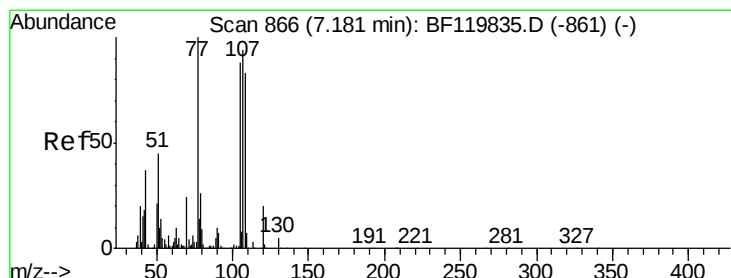
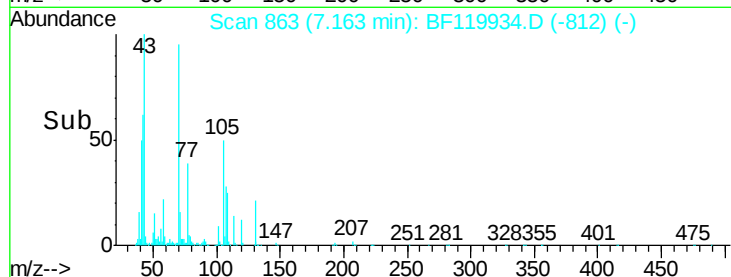
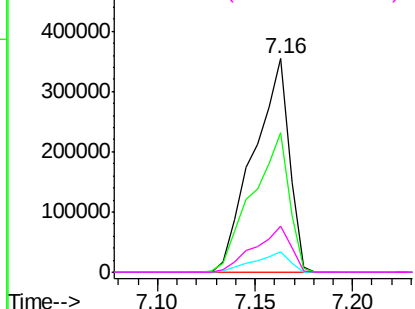
#19
n-Nitroso-di-n-propylamine
Concen: 40.209 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 452190
Ion Ratio Lower Upper
70 100
42 65.4 54.2 81.4
101 9.7 7.4 11.2
130 21.8 17.8 26.6

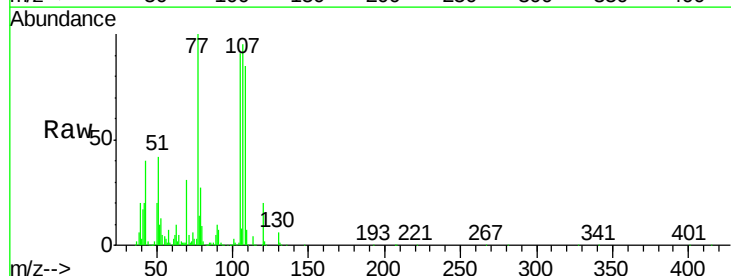


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

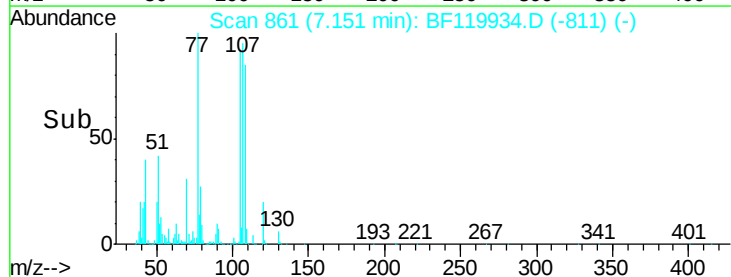
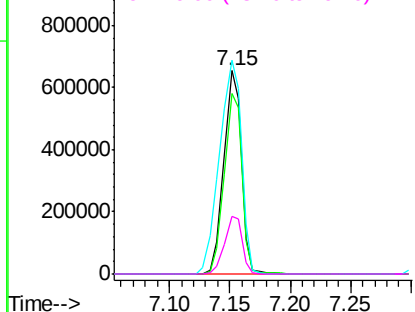


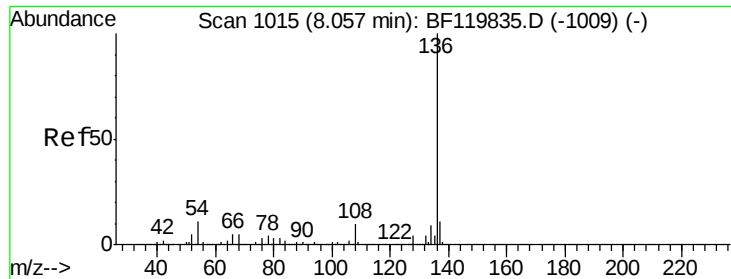
#20
3+4-Methylphenols
Concen: 39.810 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

Tgt Ion:107 Resp: 658905
Ion Ratio Lower Upper
107 100
108 89.1 68.2 108.2
77 105.3 86.6 126.6
79 28.1 7.7 47.7



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 923949

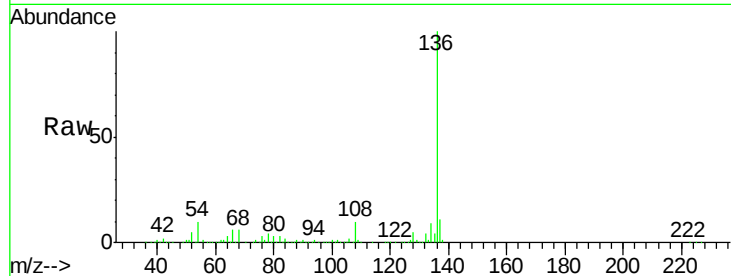
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.4 8.5 12.7

68 6.1 3.9 5.9#

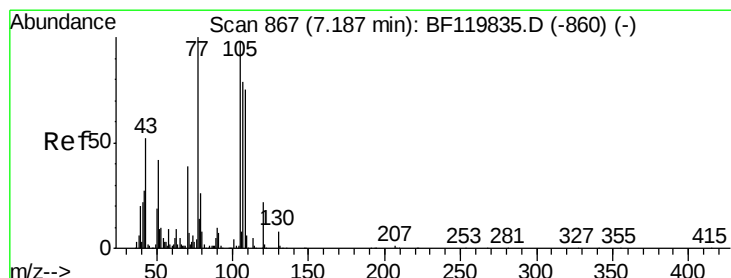
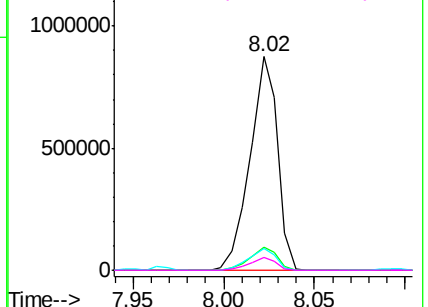
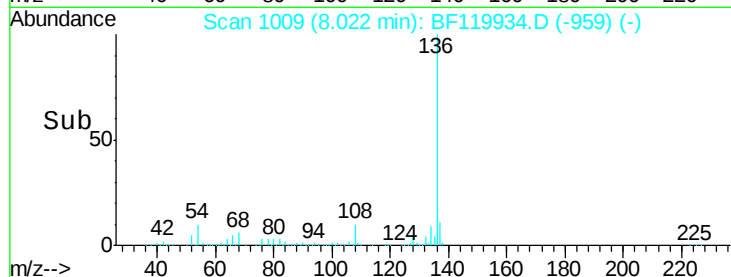


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.609 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Tgt Ion:105 Resp: 856971

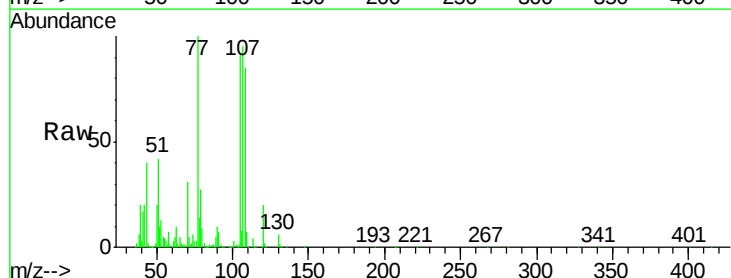
Ion Ratio Lower Upper

105 100

71 5.3 5.6 8.4#

51 45.5 33.9 50.9

120 22.2 17.8 26.8

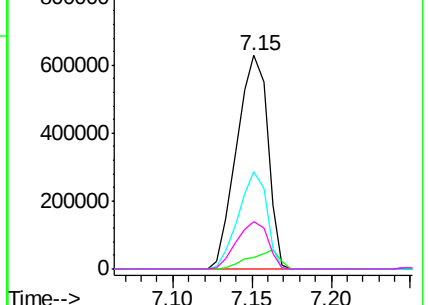
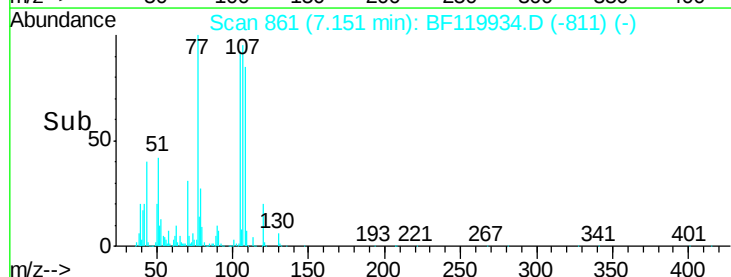


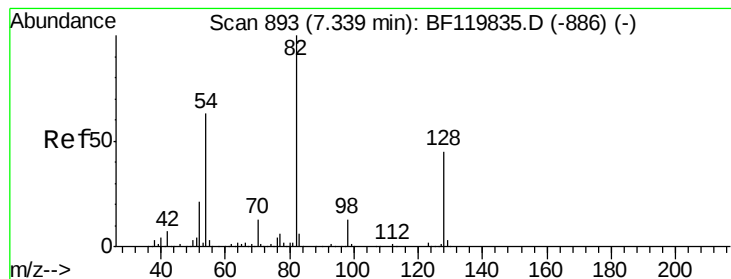
Abundance Ion 105.00 (104.70 to 105.70): E

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: 72.916 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampleId :

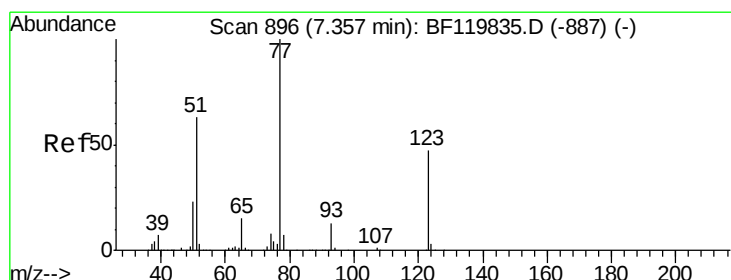
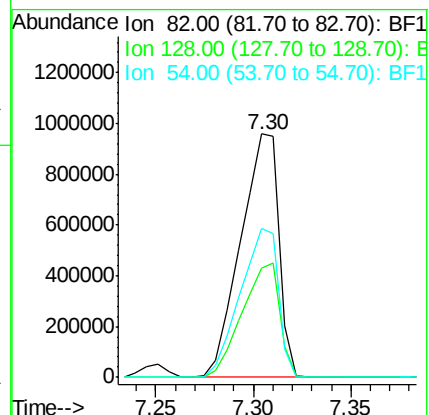
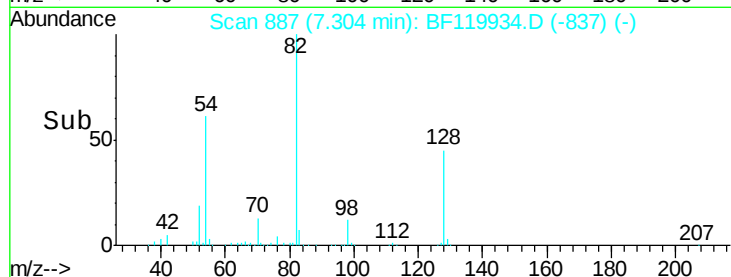
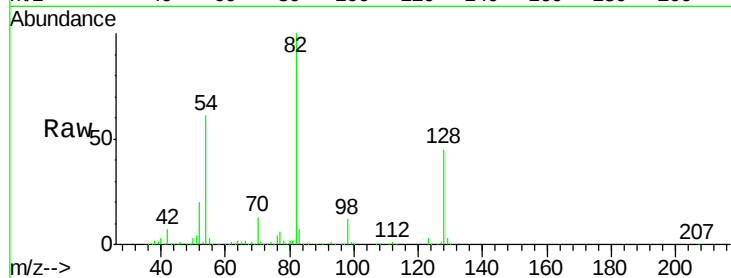
Tot Ion: 82 Resp: 1302267

Ion Ratio Lower Upper

82 100

128 44.9 36.2 54.4

54 61.2 50.4 75.6



#24

Nitrobenzene

Concen: 38.326 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

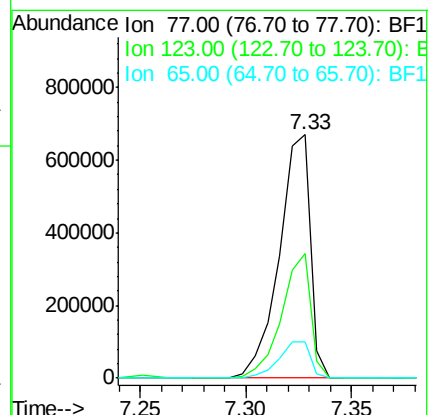
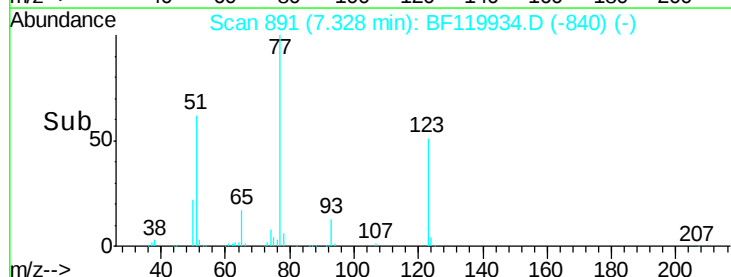
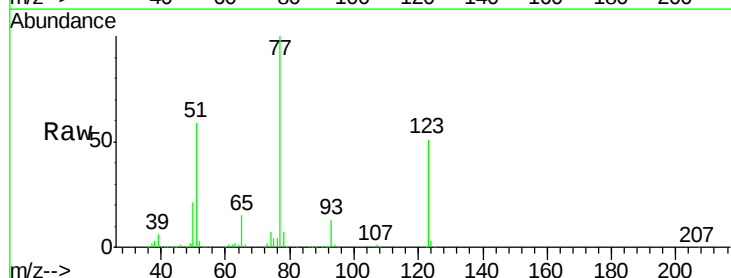
Tgt Ion: 77 Resp: 688576

Ion Ratio Lower Upper

77 100

123 51.3 37.8 56.8

65 15.1 12.2 18.2





#25

Isophorone

Concen: 37.606 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampleId :

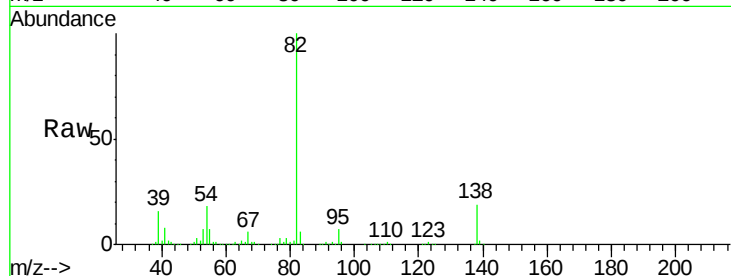
Tot Ion: 82 Resp: 1294700

Ion Ratio Lower Upper

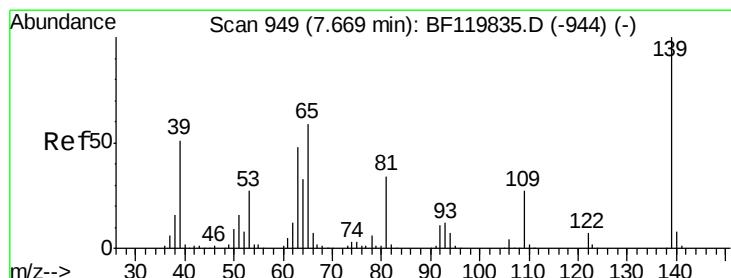
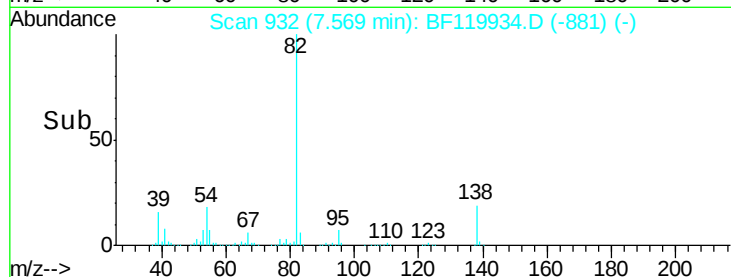
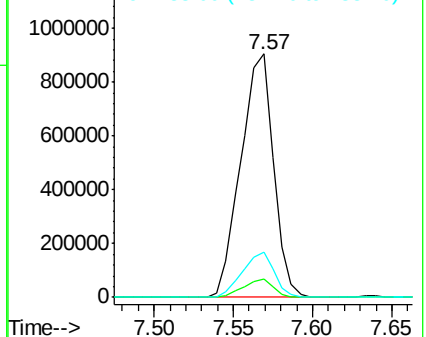
82 100

95 7.3 5.8 8.6

138 18.7 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.326 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

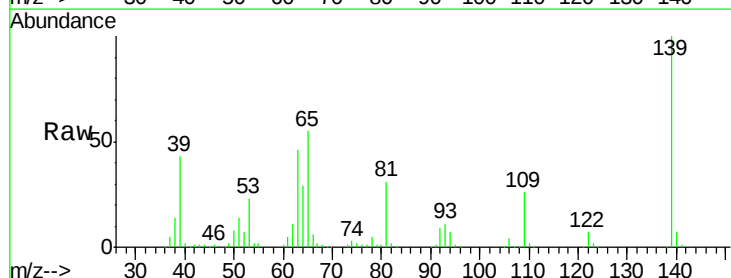
Tgt Ion: 139 Resp: 361967

Ion Ratio Lower Upper

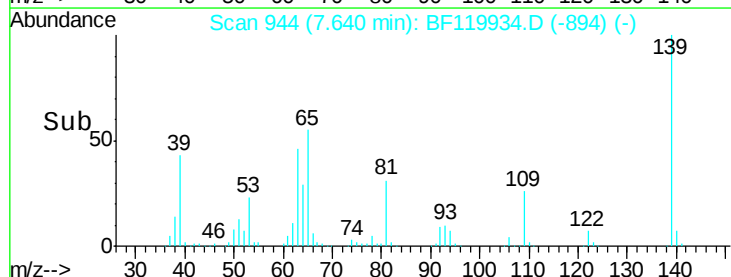
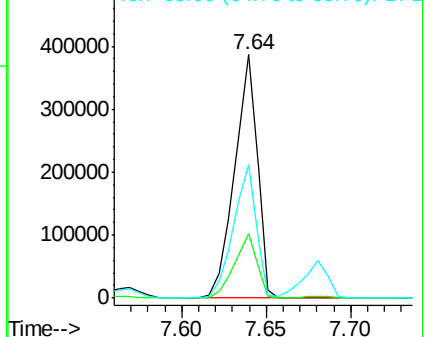
139 100

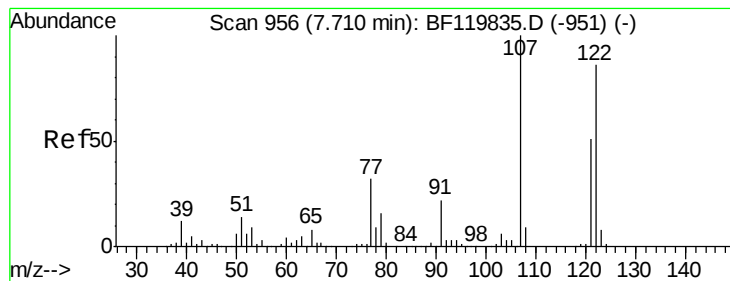
109 26.2 21.8 32.6

65 54.8 47.0 70.4



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





#27

2,4-Dimethylphenol

Concen: 42.575 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampled :

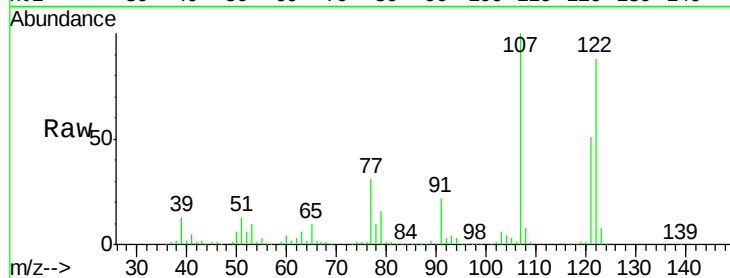
Tot Ion:122 Resp: 576358

Ion Ratio Lower Upper

122 100

107 113.3 92.3 138.5

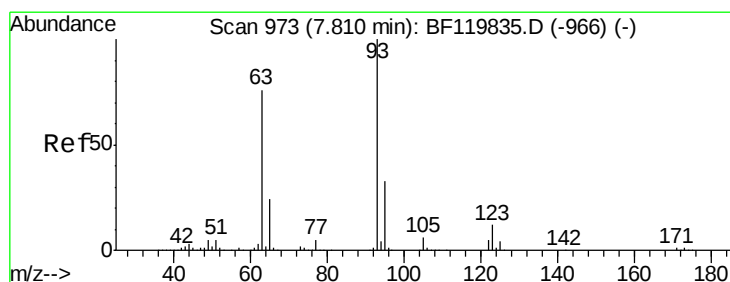
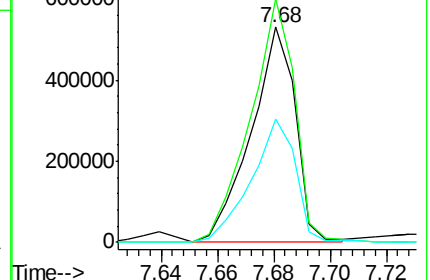
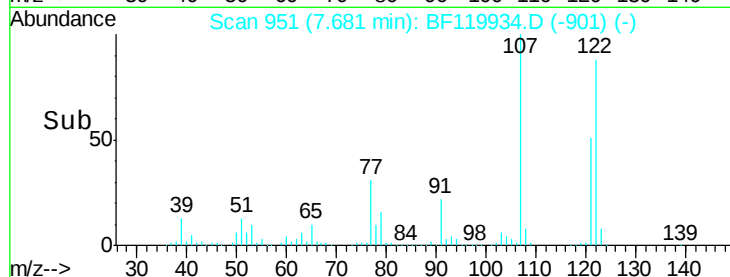
121 57.5 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.060 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

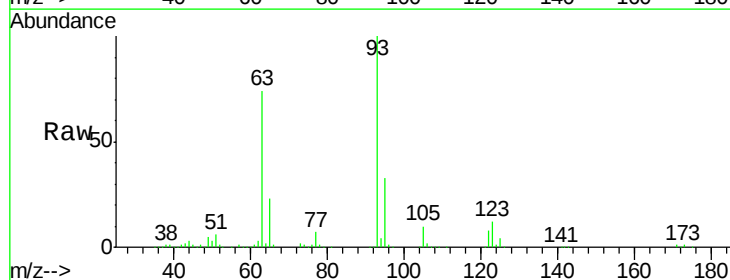
Tgt Ion: 93 Resp: 811576

Ion Ratio Lower Upper

93 100

95 33.3 26.4 39.6

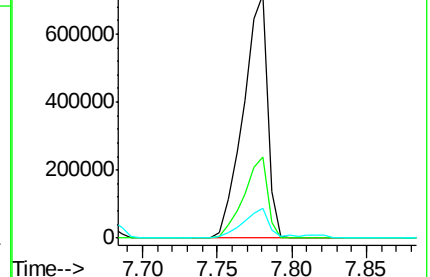
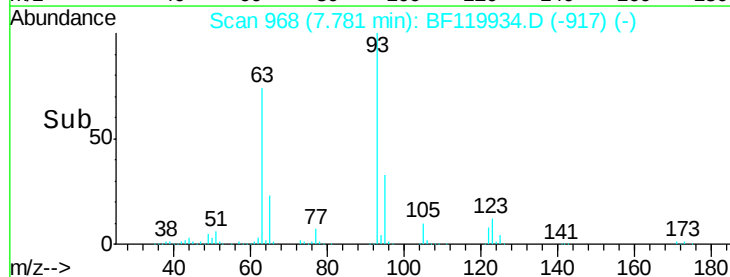
123 12.3 9.7 14.5

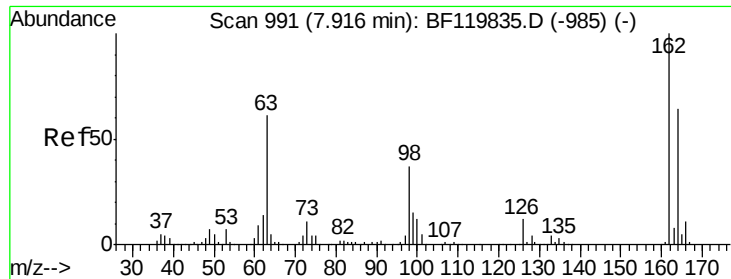


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

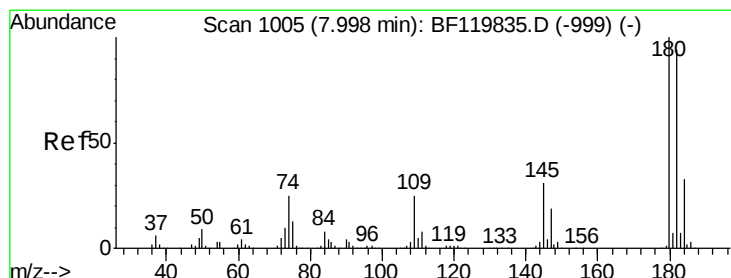
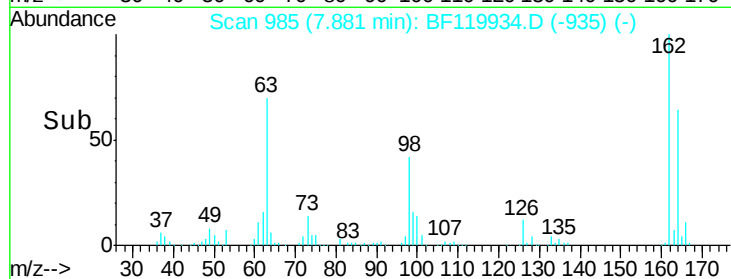
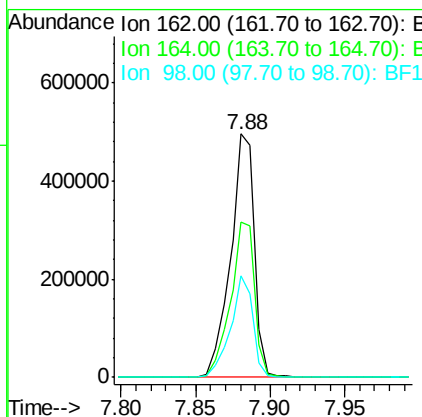
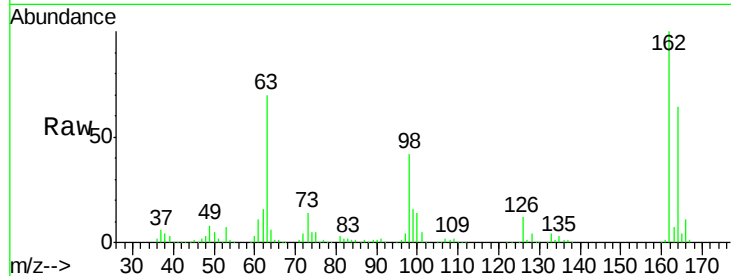




#29
 2,4-Dichlorophenol
 Concen: 40.270 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF119934.D
 Acq: 14 Apr 2020 4:50

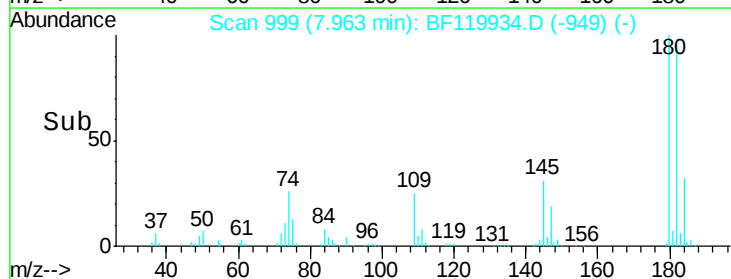
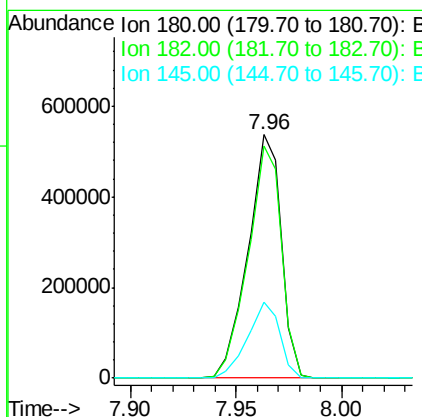
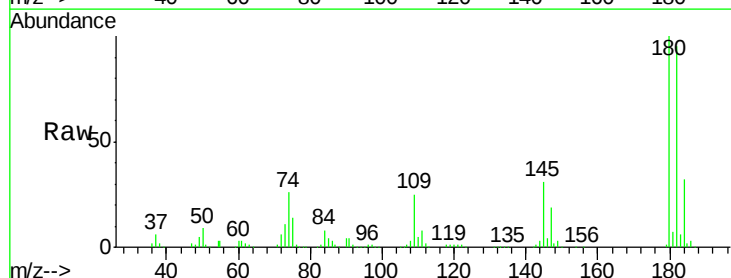
Instrument :
 BNA_F
 ClientSampleId :

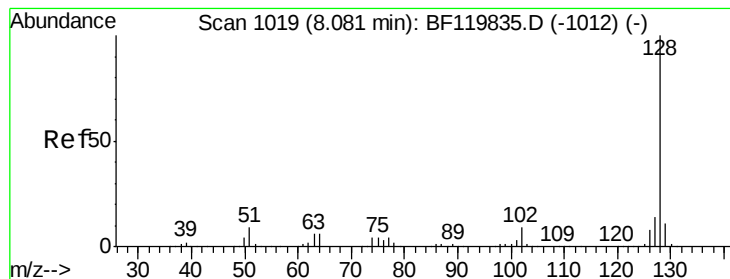
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.4	84.4
98	41.5	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 37.194 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF119934.D
 Acq: 14 Apr 2020 4:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.4	113.0
145	31.4	24.6	37.0





#31

Naphthalene

Concen: 38.600 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampled :

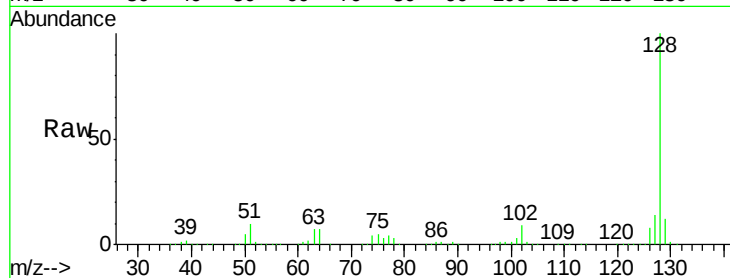
Tot Ion:128 Resp: 1876428

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.6

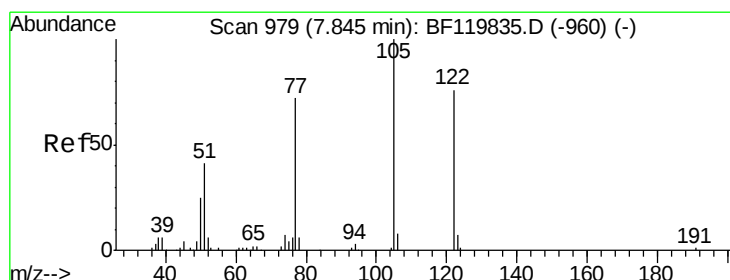
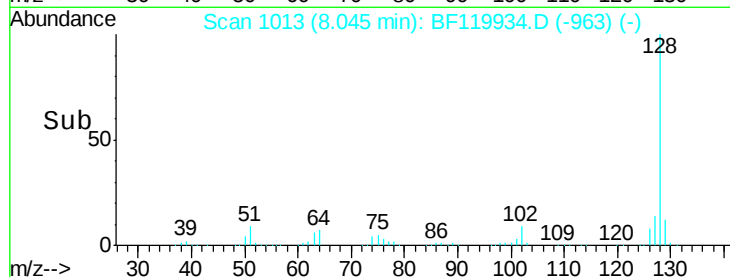
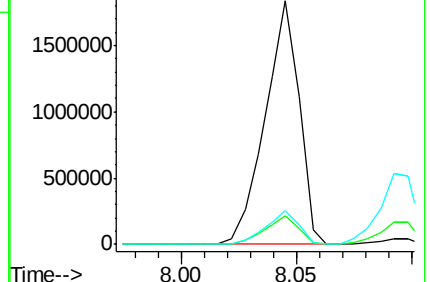
127 13.9 11.0 16.4



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: 32.611 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

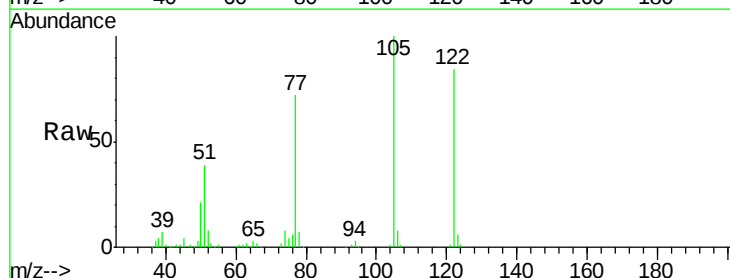
Tgt Ion:122 Resp: 387714

Ion Ratio Lower Upper

122 100

105 119.3 106.7 146.7

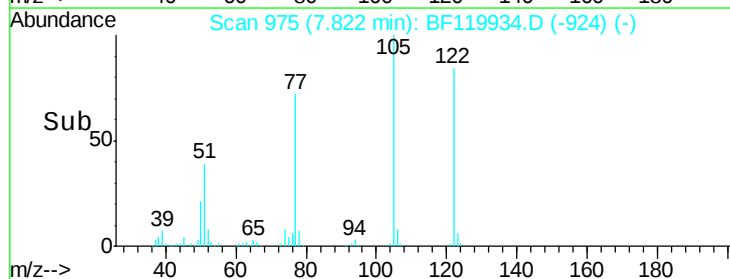
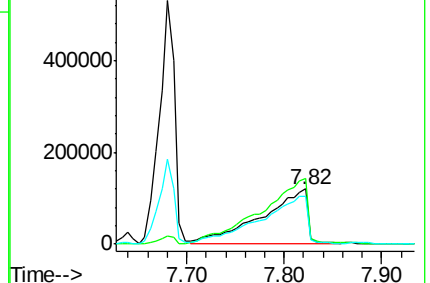
77 86.0 72.1 112.1



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

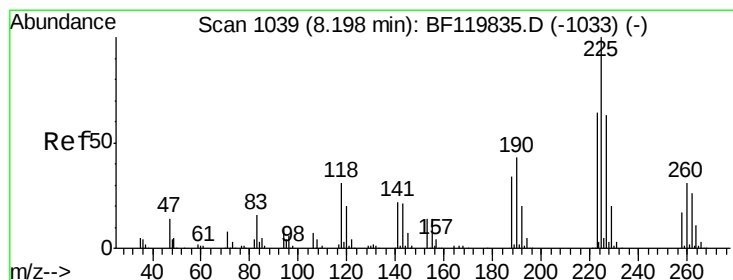
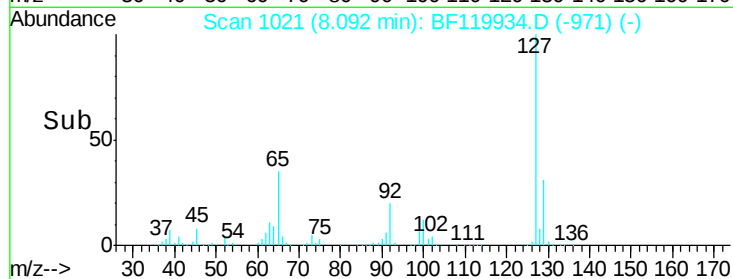
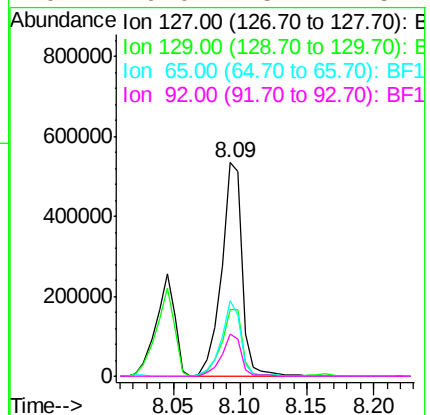
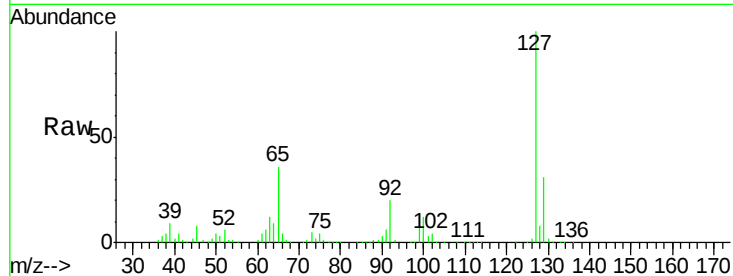




#33
4-Chloroaniline
Concen: 27.548 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

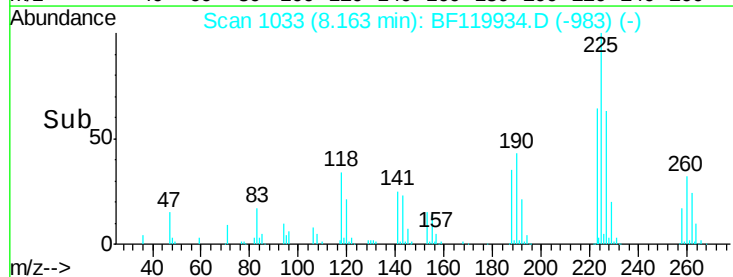
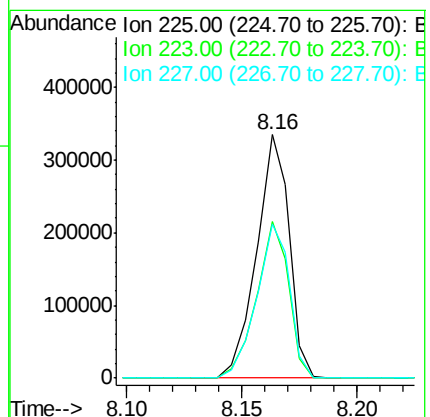
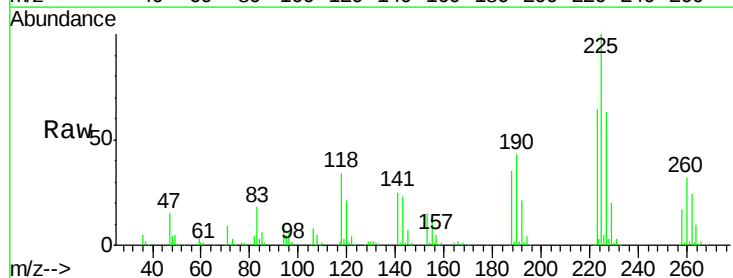
Instrument :
BNA_F
ClientSampleId :

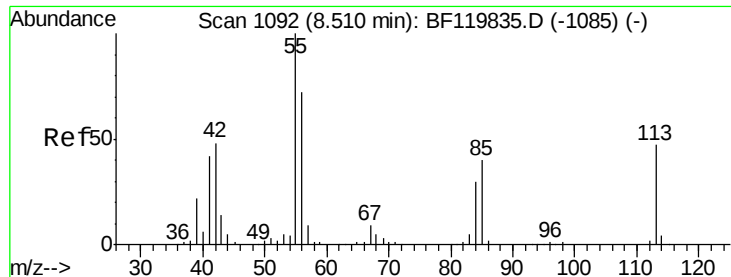
Tot Ion:	127	Resp:	582988
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.2	39.2
65	35.6	28.3	42.5
92	20.0	15.4	23.2



#34
Hexachlorobutadiene
Concen: 35.110 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

Tgt Ion:	225	Resp:	330450
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.0	76.6
227	63.2	50.4	75.6

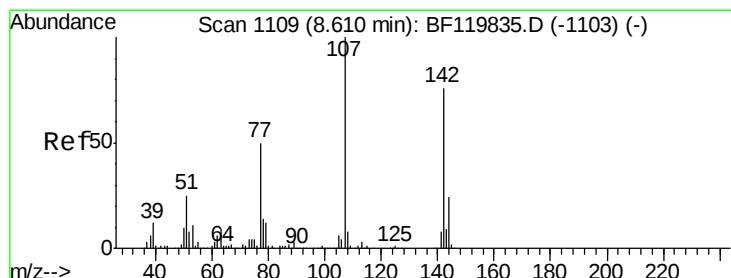
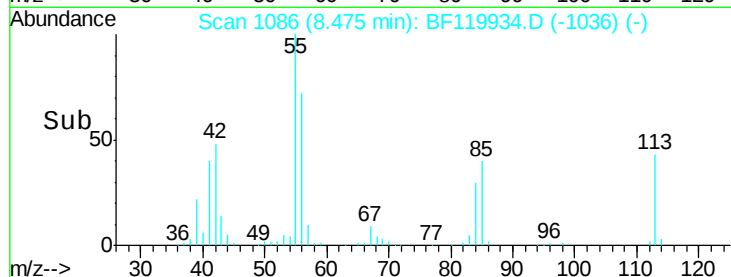
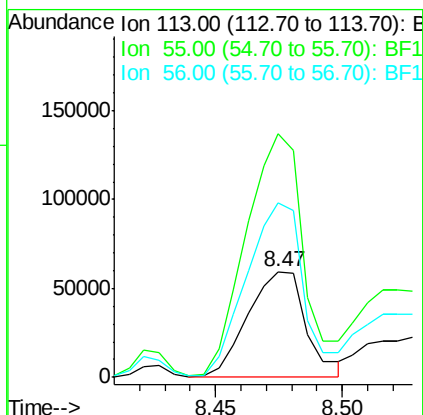
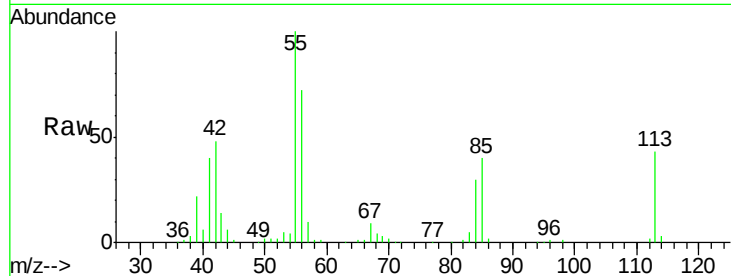




#35
 Caprolactam
 Concen: 22.546 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF119934.D
 Acq: 14 Apr 2020 4:50

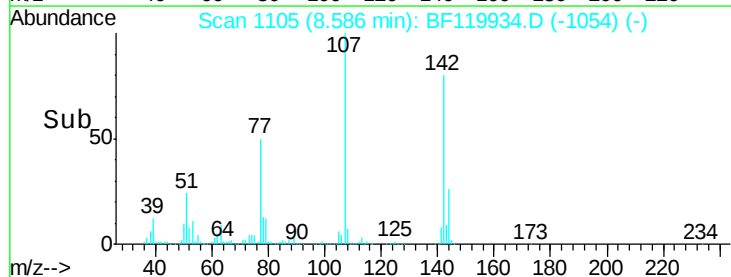
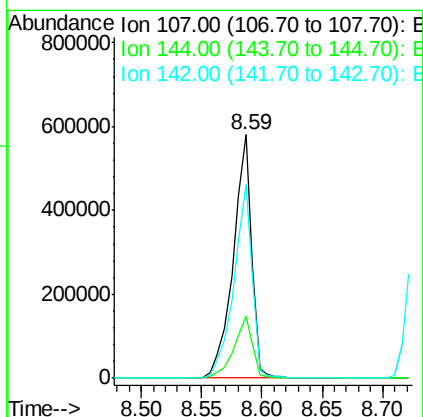
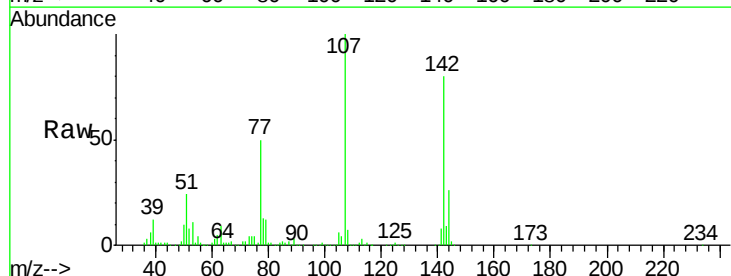
Instrument :
 BNA_F
 ClientSampled :

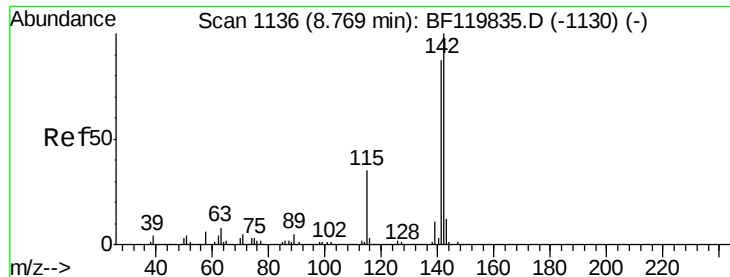
Tot Ion:113 Resp: 95698
 Ion Ratio Lower Upper
 113 100
 55 231.1 192.7 232.7
 56 166.2 133.3 173.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.252 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BF119934.D
 Acq: 14 Apr 2020 4:50

Tgt Ion:107 Resp: 619735
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.5 29.3
 142 79.7 60.5 90.7

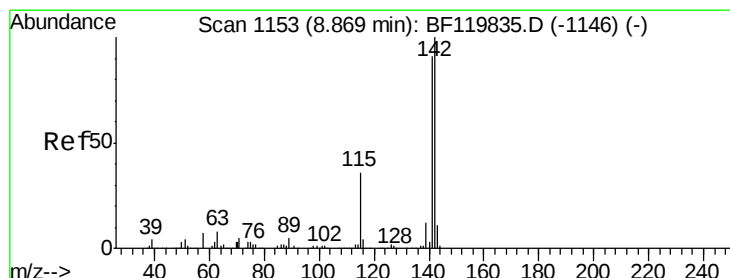
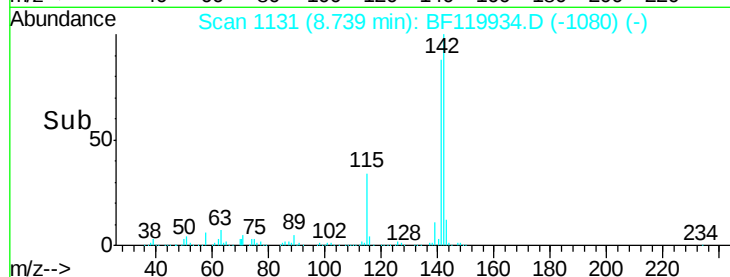
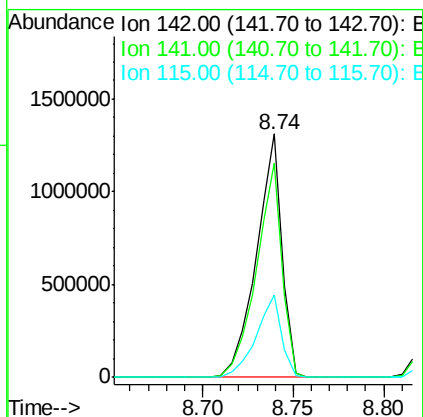
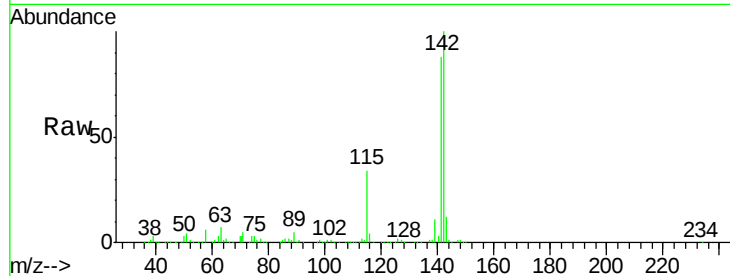




#37
 2-Methylnaphthalene
 Concen: 38.839 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: BF119934.D
 Acq: 14 Apr 2020 4:50

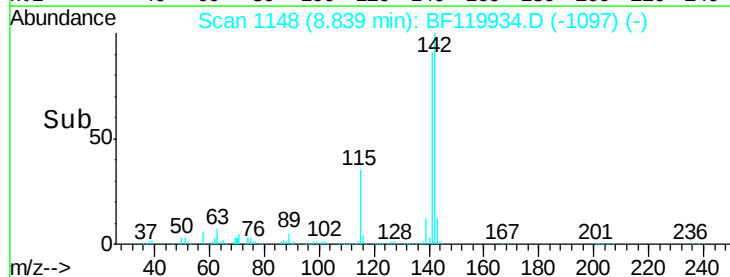
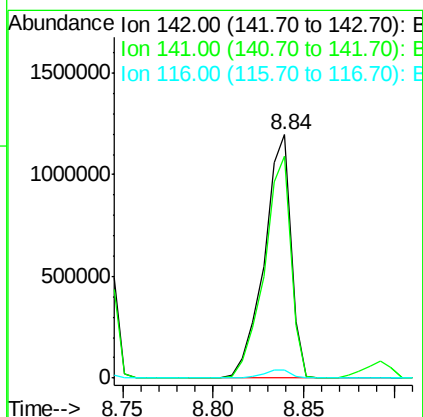
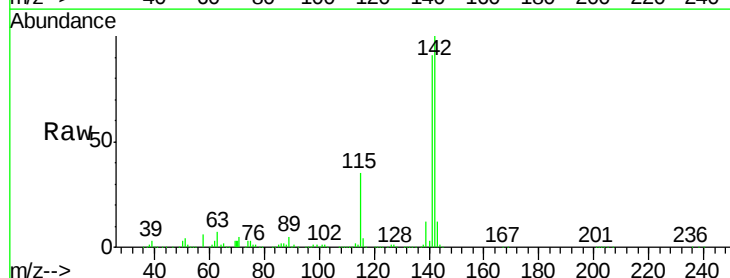
Instrument :
 BNA_F
 ClientSampleId :

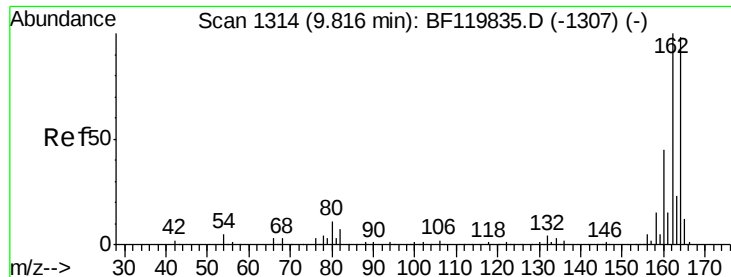
Tot Ion:142 Resp: 1280016
 Ion Ratio Lower Upper
 142 100
 141 88.1 69.9 104.9
 115 33.7 28.0 42.0



#38
 1-Methylnaphthalene
 Concen: 39.450 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF119934.D
 Acq: 14 Apr 2020 4:50

Tgt Ion:142 Resp: 1225452
 Ion Ratio Lower Upper
 142 100
 141 91.4 72.9 109.3
 116 3.5 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampleId :

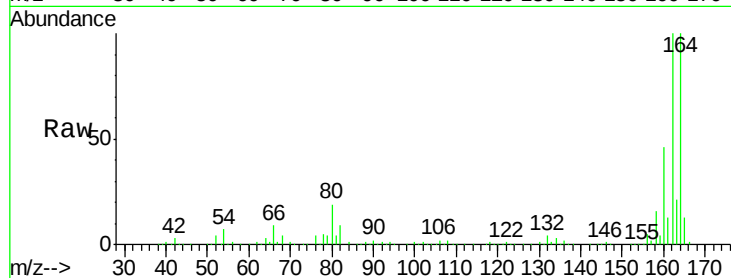
Tot Ion:164 Resp: 497597

Ion Ratio Lower Upper

164 100

162 100.3 81.9 122.9

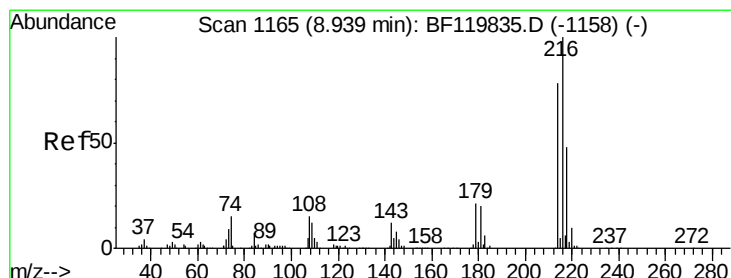
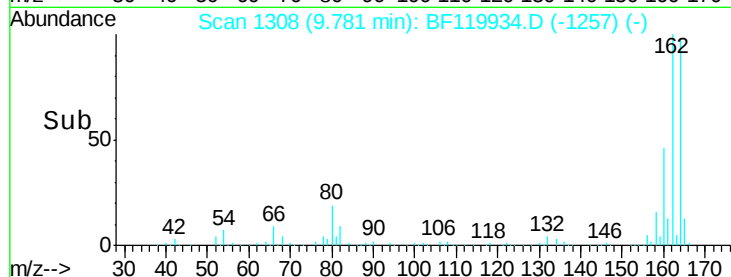
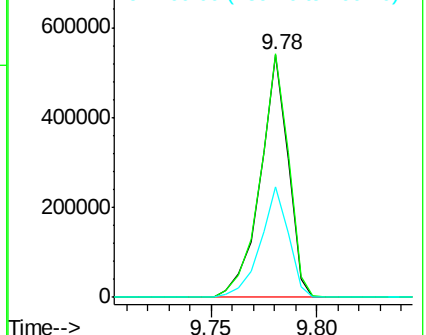
160 45.7 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.470 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Tgt Ion:216 Resp: 557451

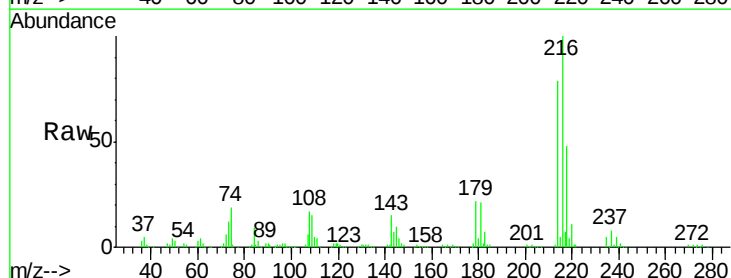
Ion Ratio Lower Upper

216 100

214 79.2 63.1 94.7

179 21.0 17.0 25.4

108 19.8 14.8 22.2

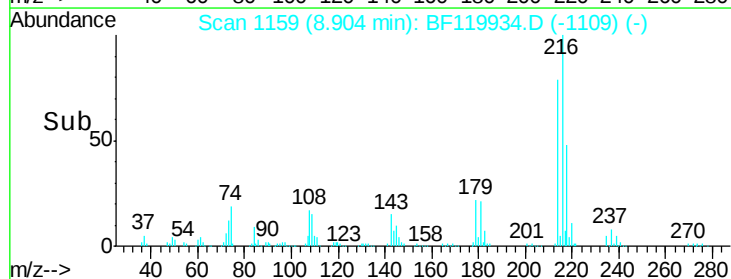
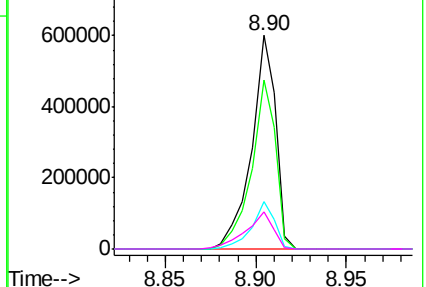


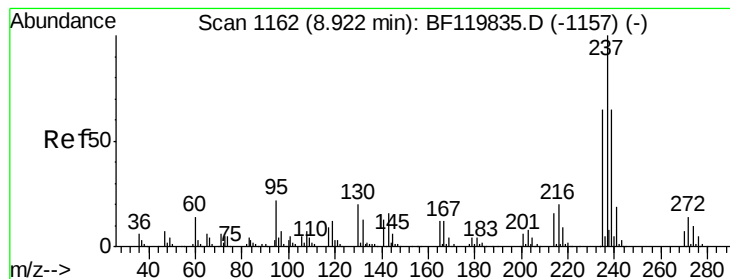
Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.562 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampleId :

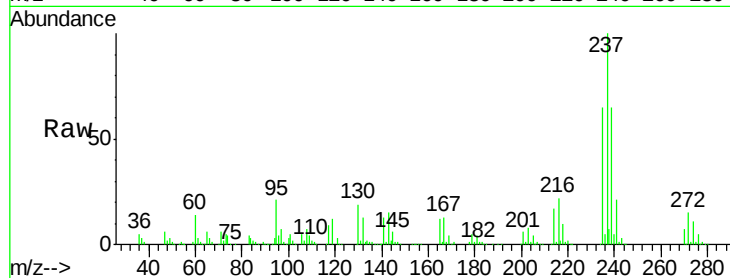
Tot Ion:237 Resp: 648473

Ion Ratio Lower Upper

237 100

235 64.7 44.9 84.9

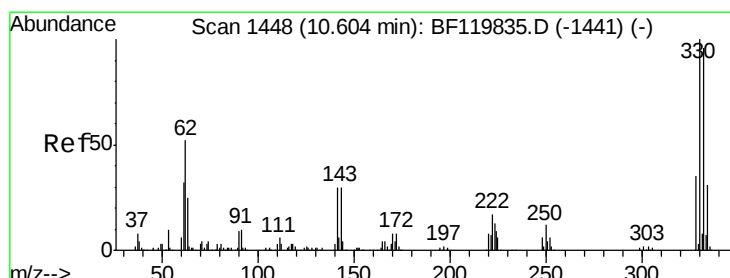
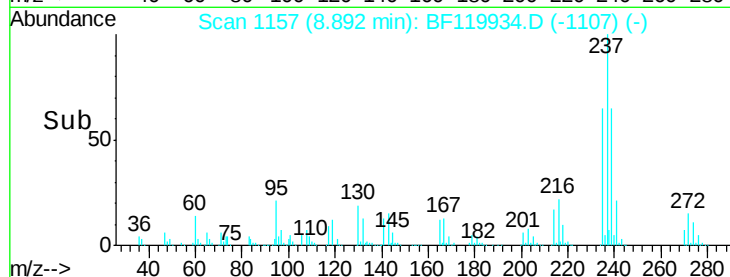
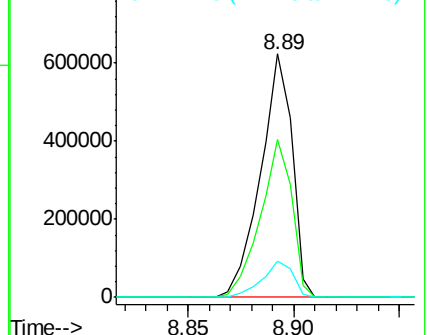
272 14.7 0.0 33.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 108.505 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

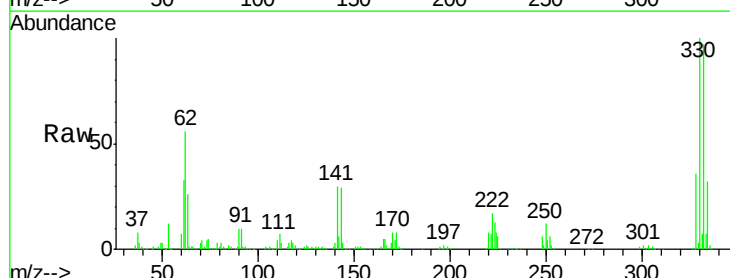
Tgt Ion:330 Resp: 661042

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

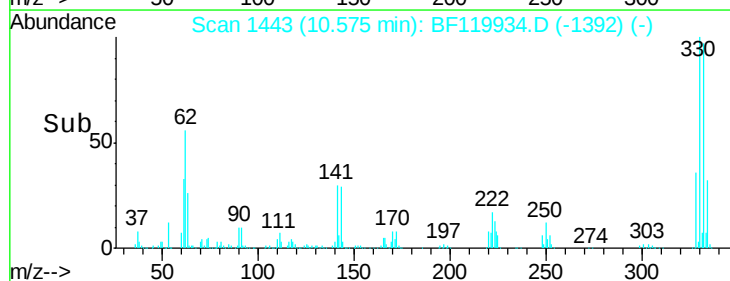
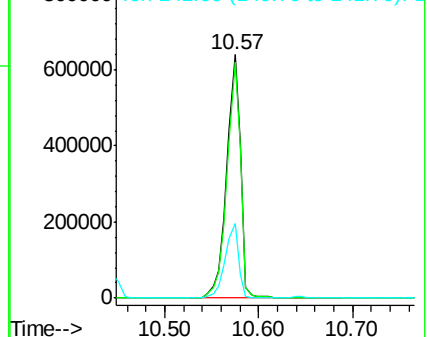
141 29.8 25.1 37.7

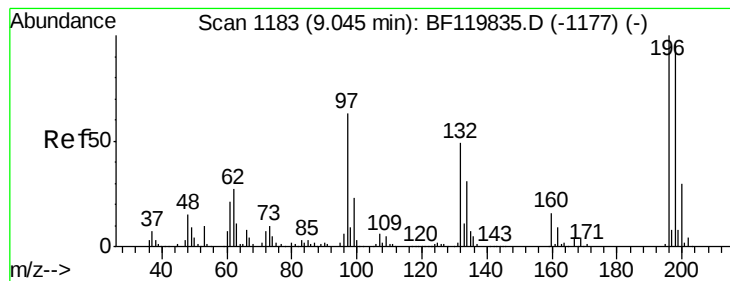


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 39.056 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampled :

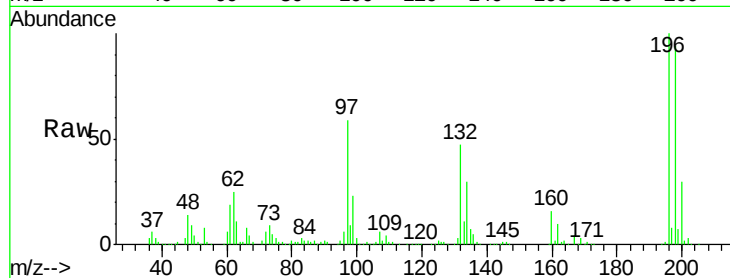
Tot Ion:196 Resp: 423864

Ion Ratio Lower Upper

196 100

198 93.5 76.6 115.0

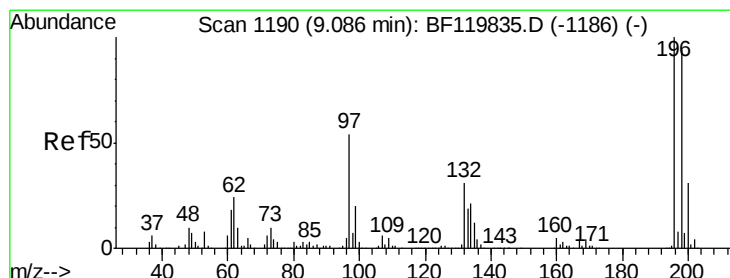
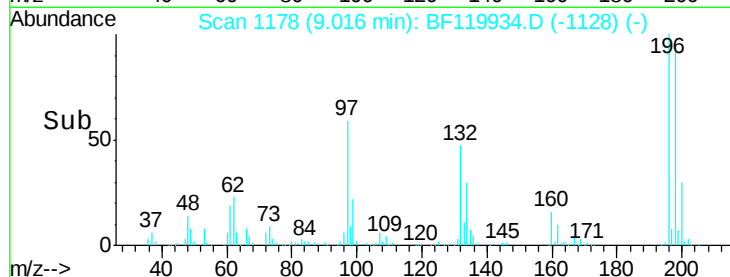
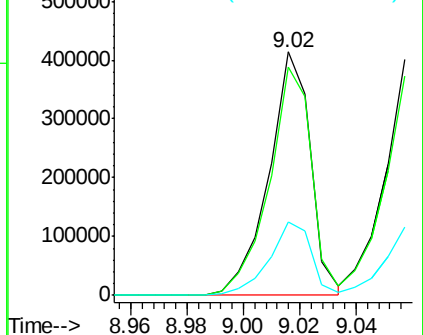
200 30.0 24.2 36.2



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 37.087 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Tgt Ion:196 Resp: 453331

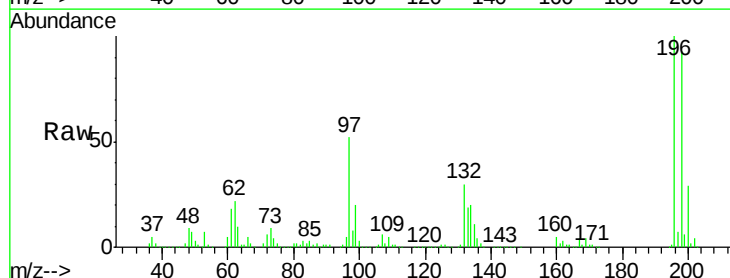
Ion Ratio Lower Upper

196 100

198 92.9 75.1 112.7

97 52.2 43.4 65.2

132 29.6 24.5 36.7

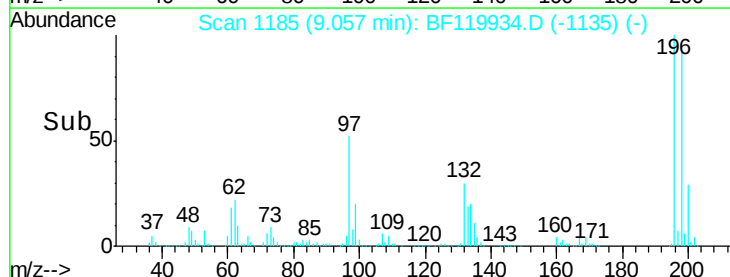
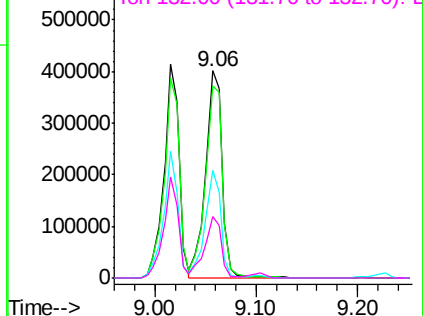


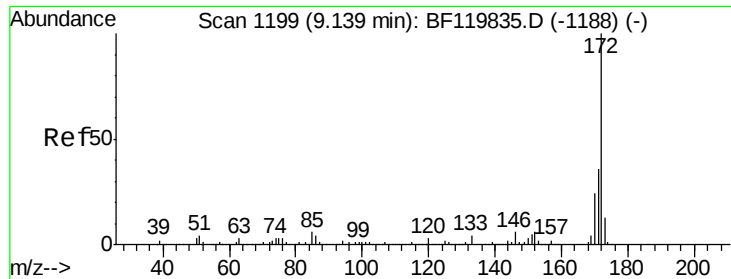
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

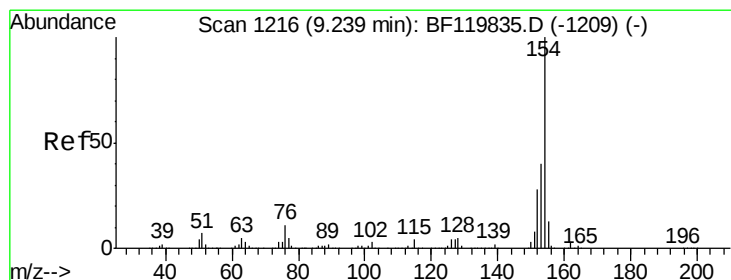
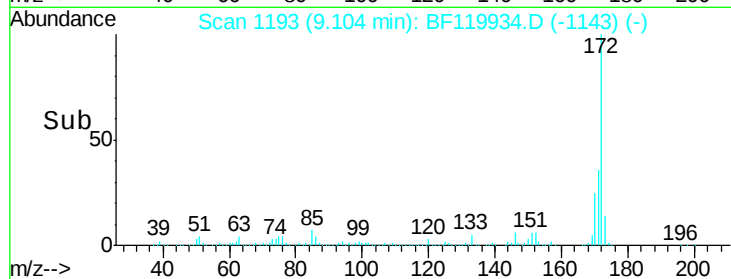
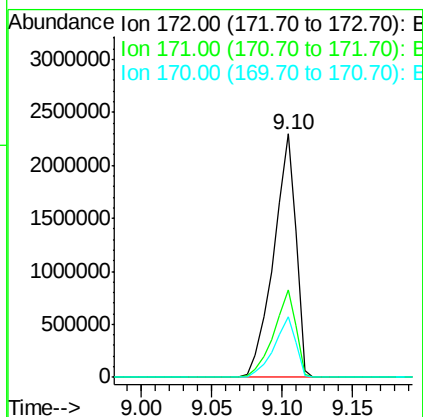
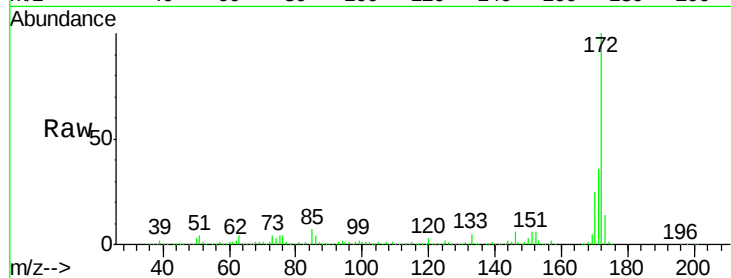




#45
2-Fluorobiphenyl
Concen: 72.475 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

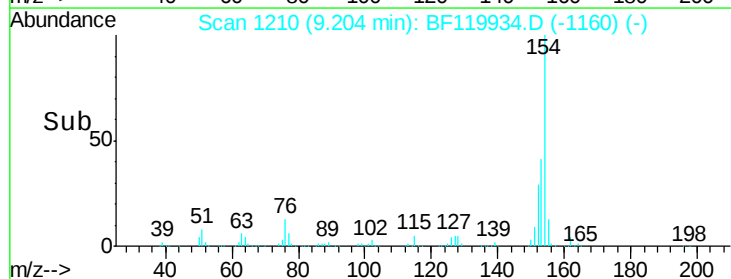
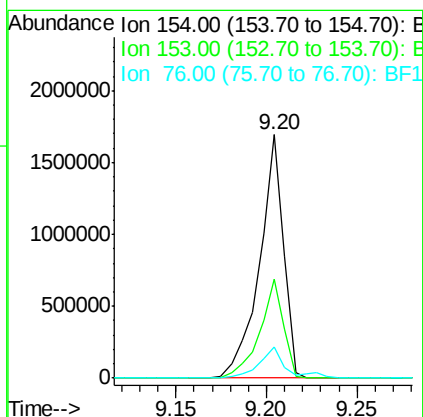
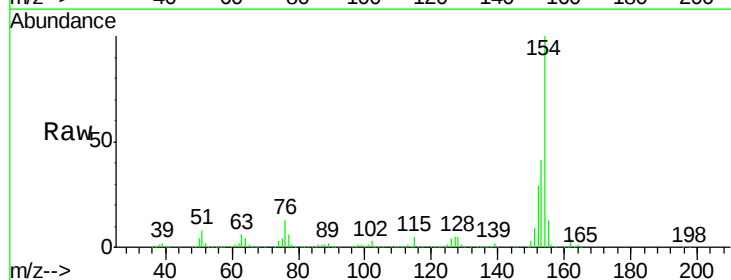
Instrument :
BNA_F
ClientSampleId :

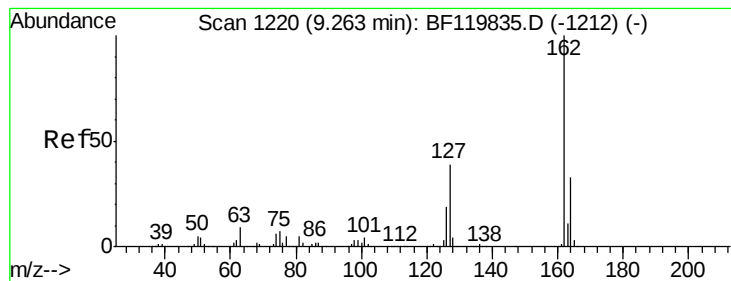
Tot Ion:172 Resp: 2540048
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 24.8 19.4 29.2



#46
1,1'-Biphenyl
Concen: 37.109 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

Tgt Ion:154 Resp: 1558558
Ion Ratio Lower Upper
154 100
153 40.7 20.5 60.5
76 12.8 0.0 30.6





#47

2-Chloronaphthalene

Concen: 37.559 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampleId :

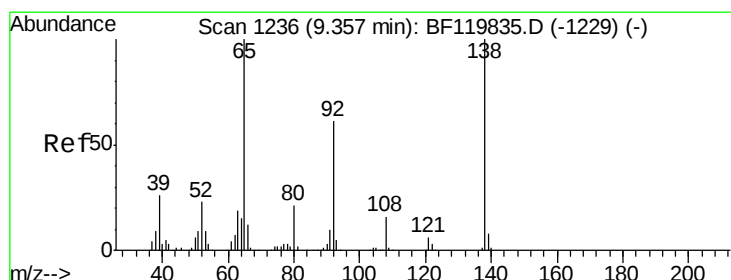
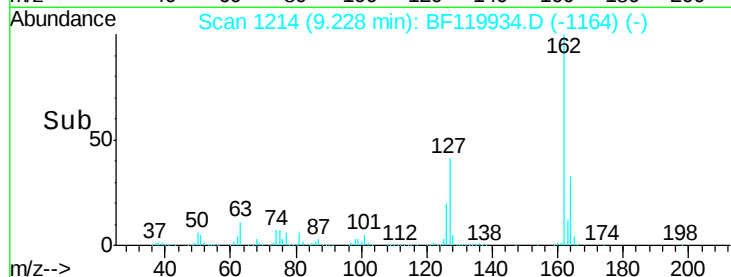
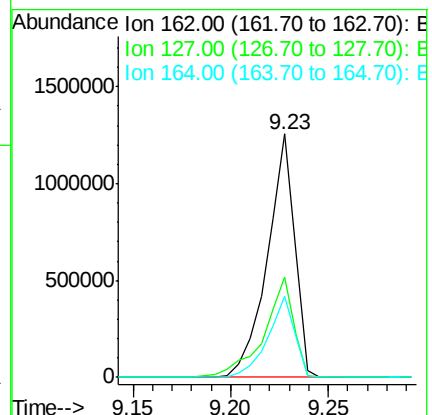
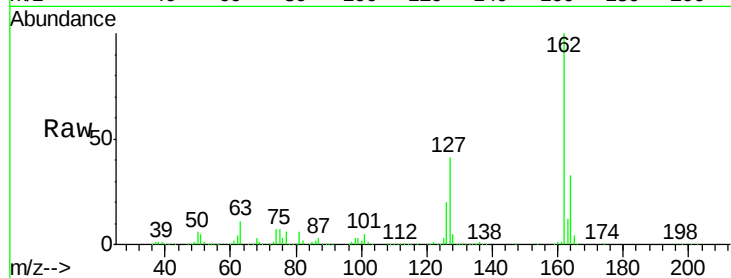
Tot Ion:162 Resp: 1215200

Ion Ratio Lower Upper

162 100

127 41.3 31.2 46.8

164 33.4 26.3 39.5



#48

2-Nitroaniline

Concen: 38.895 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

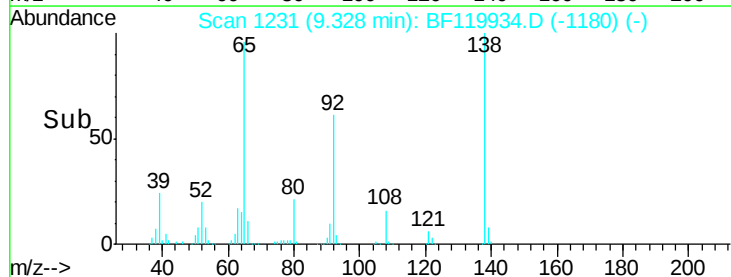
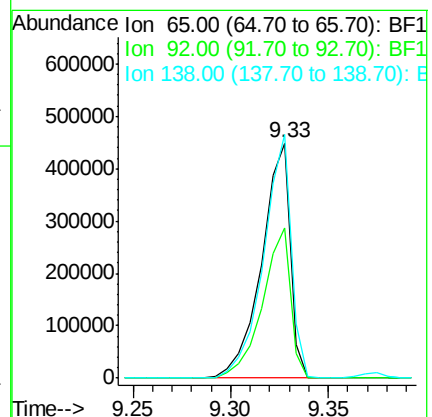
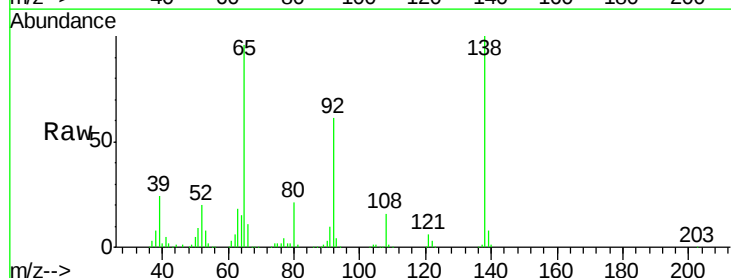
Tgt Ion: 65 Resp: 456039

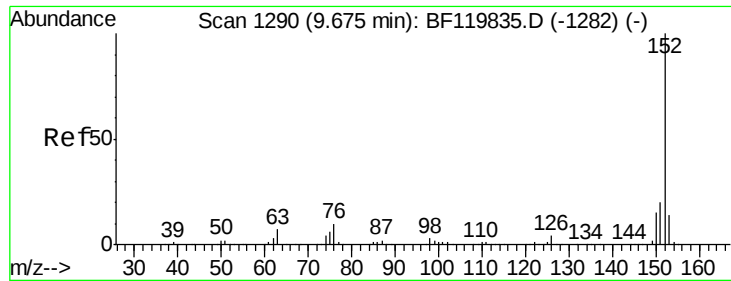
Ion Ratio Lower Upper

65 100

92 63.8 49.0 73.6

138 103.7 79.7 119.5





#49

Acenaphthylene

Concen: 39.183 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampleId :

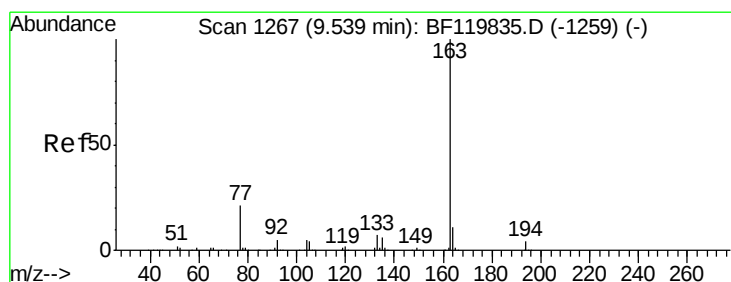
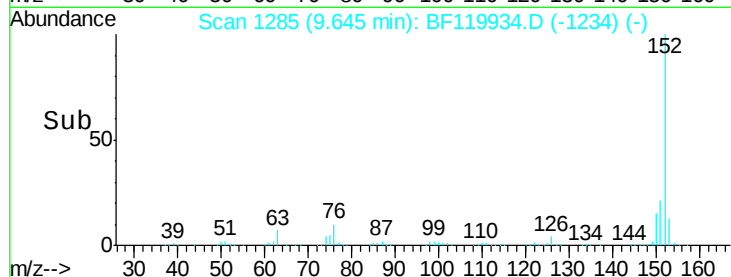
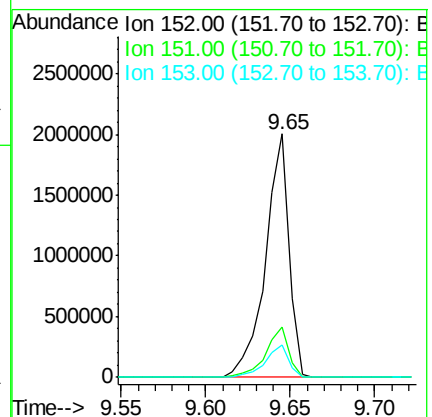
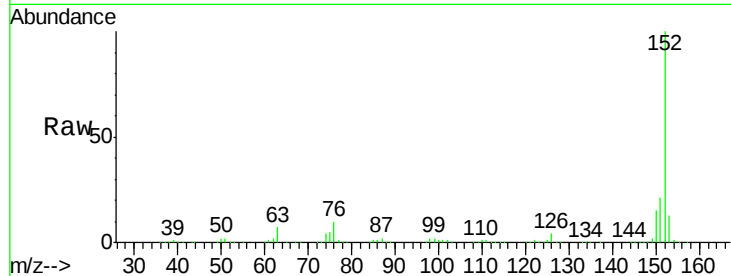
Tot Ion:152 Resp: 1928009

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

153 13.3 10.9 16.3



#50

Dimethylphthalate

Concen: 38.334 ng

RT: 9.52 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

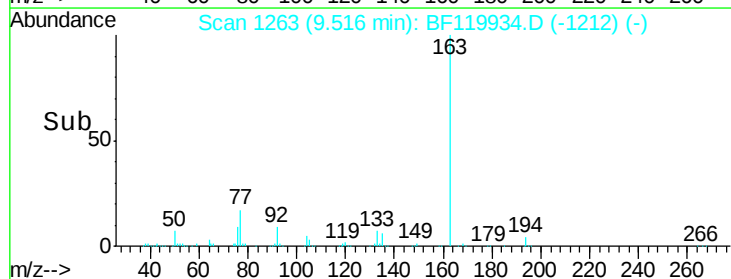
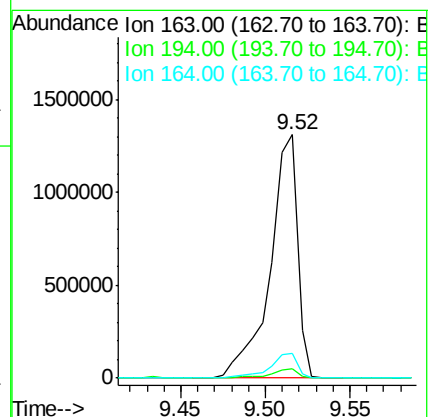
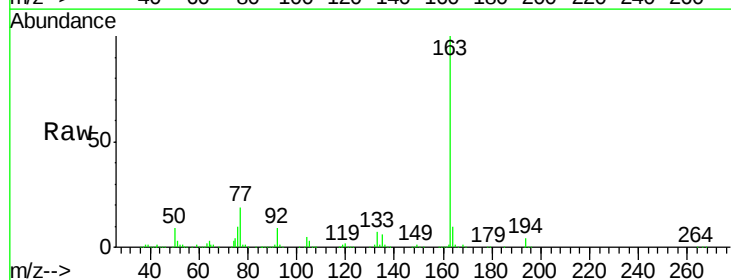
Tgt Ion:163 Resp: 1475432

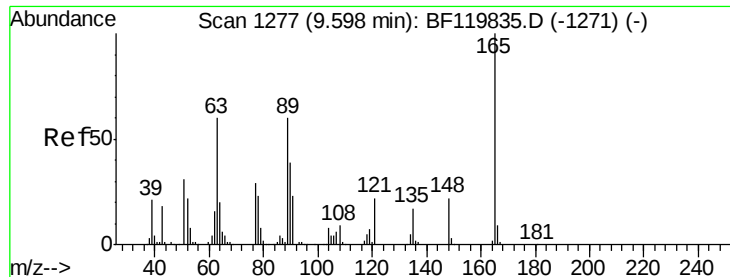
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.1 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 39.880 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampled :

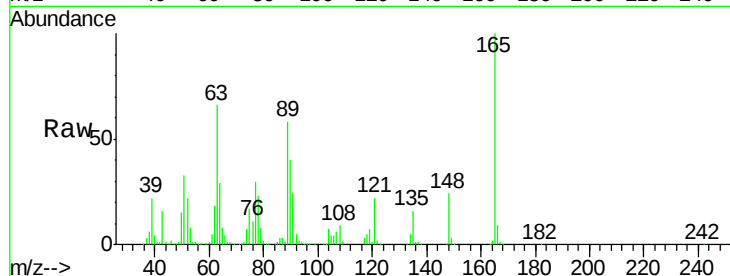
Tot Ion:165 Resp: 336122

Ion Ratio Lower Upper

165 100

63 66.0 55.6 83.4

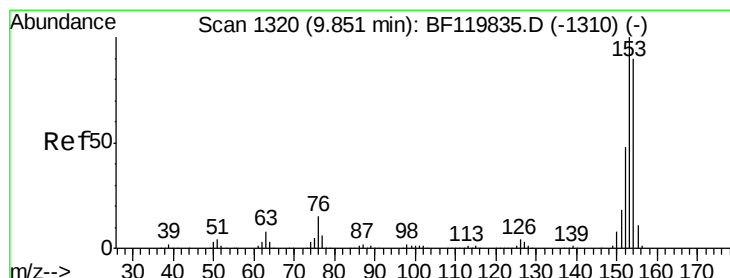
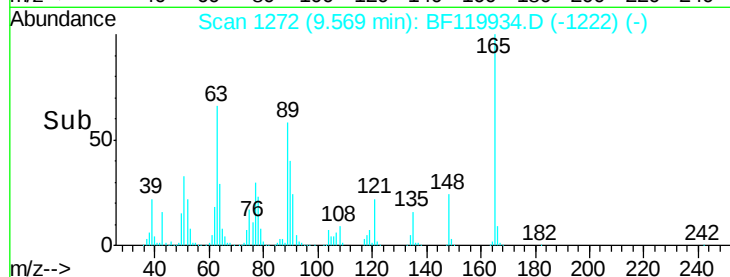
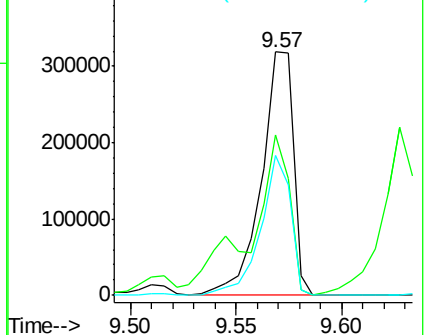
89 57.6 47.9 71.9



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: 35.371 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

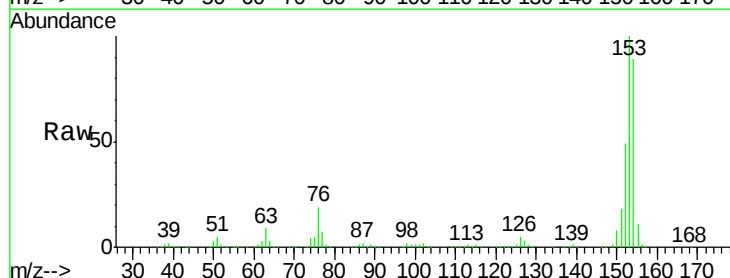
Tgt Ion:154 Resp: 1160989

Ion Ratio Lower Upper

154 100

153 111.9 88.8 133.2

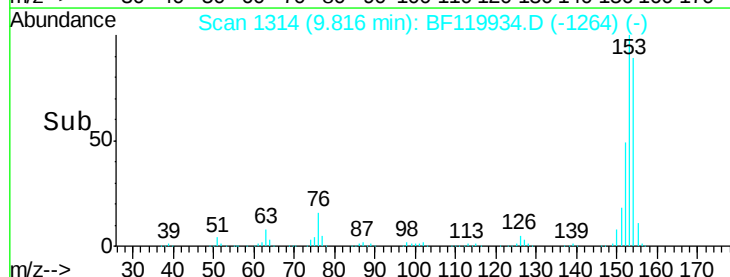
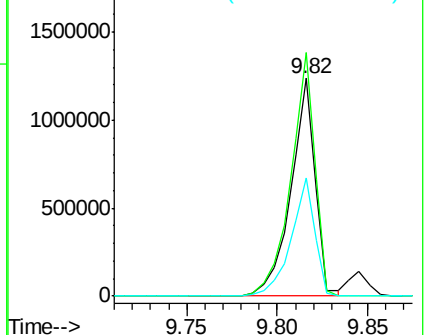
152 54.5 42.4 63.6

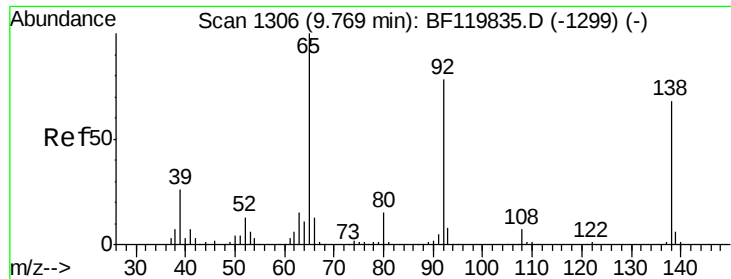


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

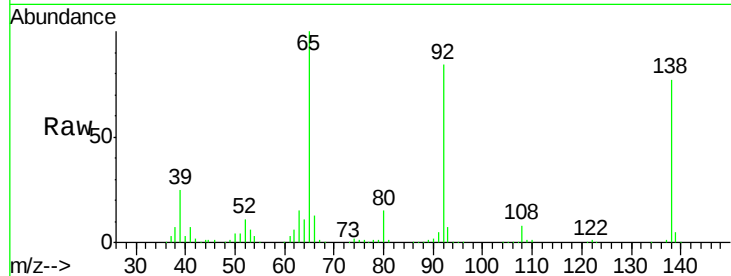




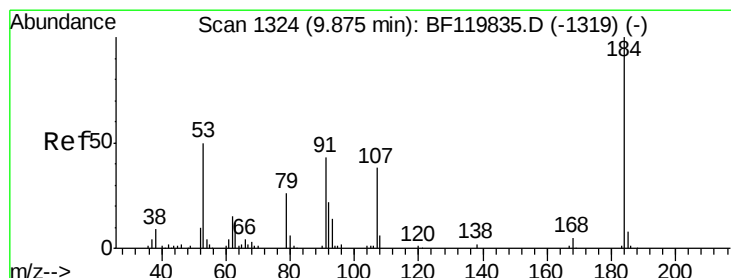
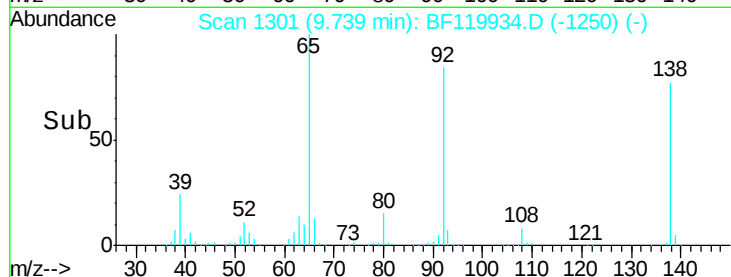
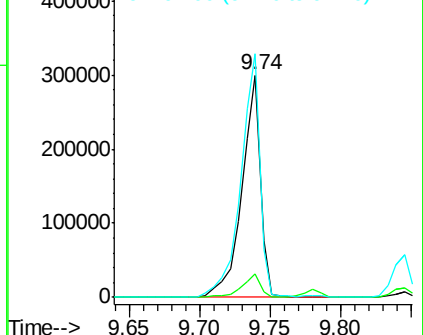
#53
3-Nitroaniline
Concen: 28.528 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 274613
Ion Ratio Lower Upper
138 100
108 10.4 8.0 12.0
92 109.7 92.1 138.1

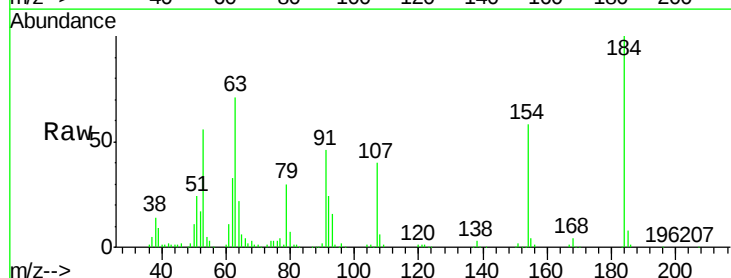


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

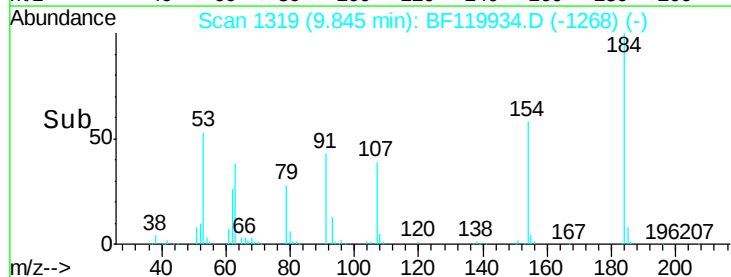
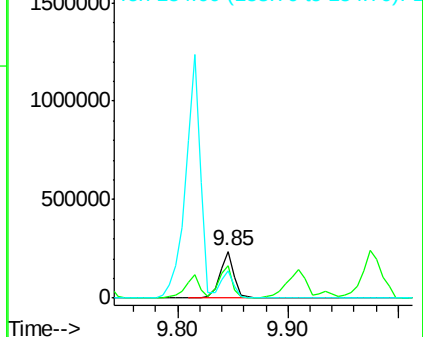


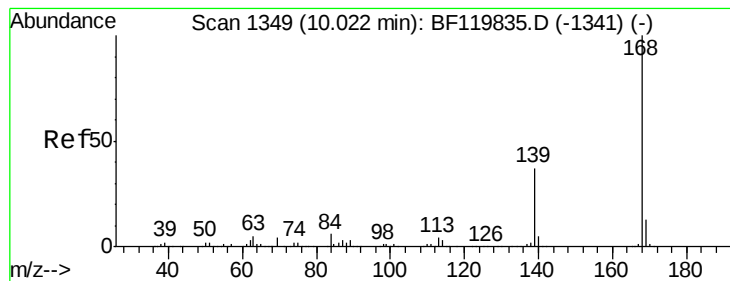
#54
2,4-Dinitrophenol
Concen: 42.375 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

Tgt Ion:184 Resp: 213828
Ion Ratio Lower Upper
184 100
63 70.8 49.8 74.6
154 58.2 46.5 69.7



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: 38.222 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampleId :

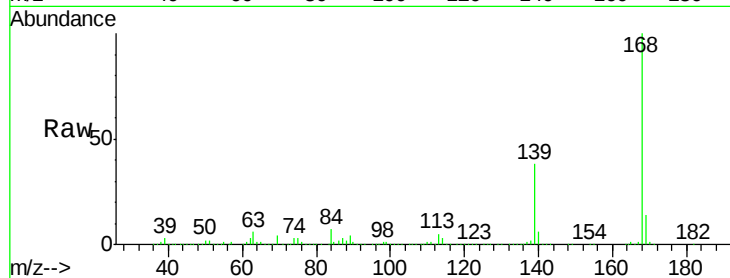
Tot Ion:168 Resp: 1721573

Ion Ratio Lower Upper

168 100

139 38.4 29.8 44.6

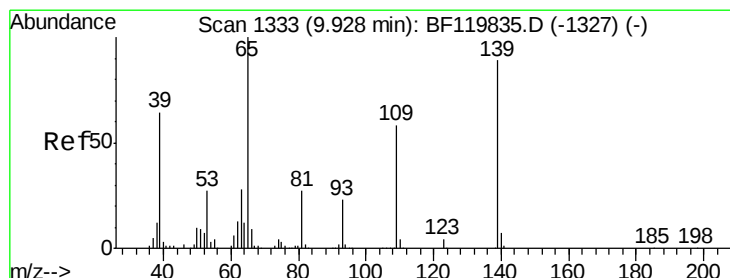
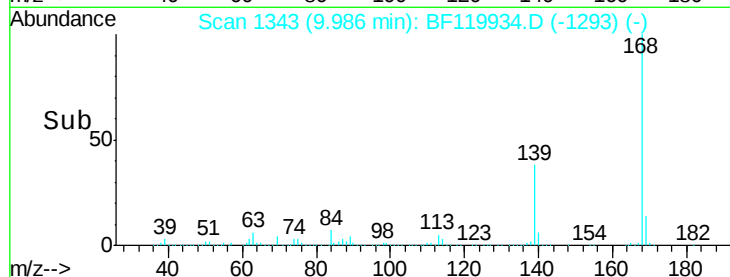
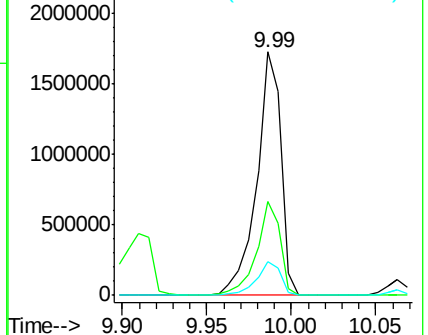
169 14.0 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 80.079 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

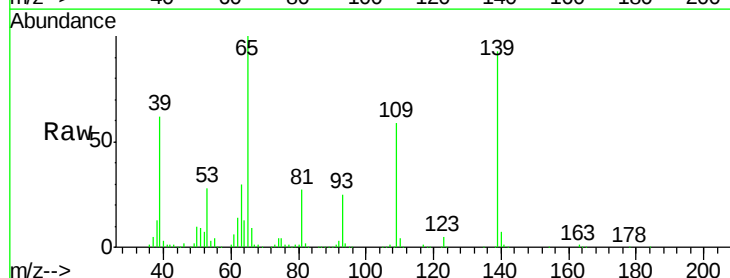
Tgt Ion:139 Resp: 573543

Ion Ratio Lower Upper

139 100

109 63.6 45.5 85.5

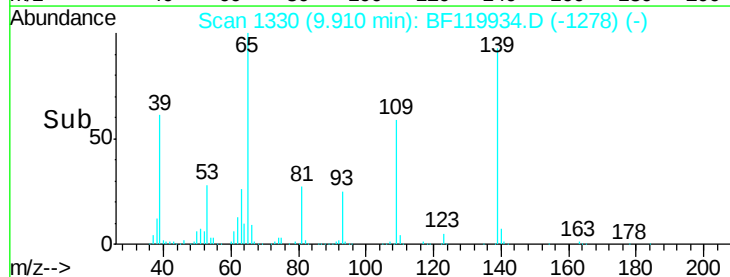
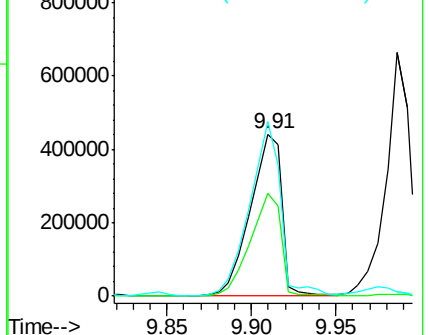
65 107.5 92.3 132.3

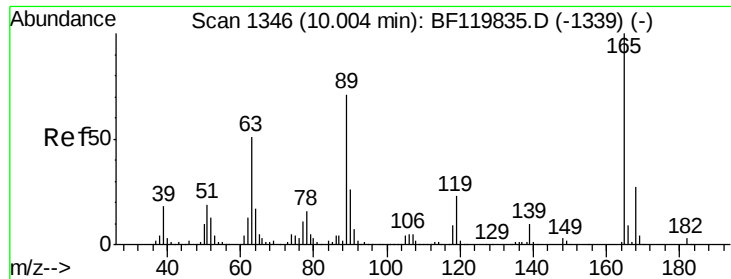


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

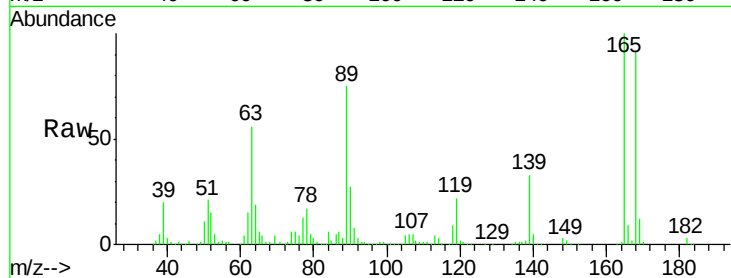




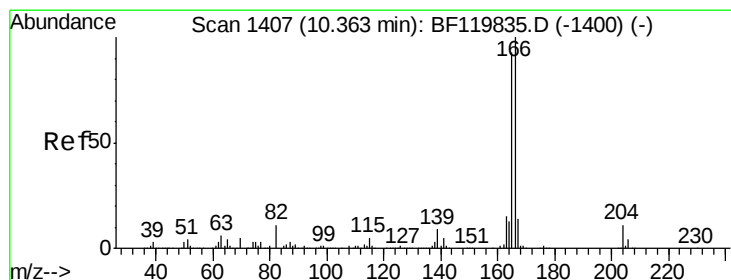
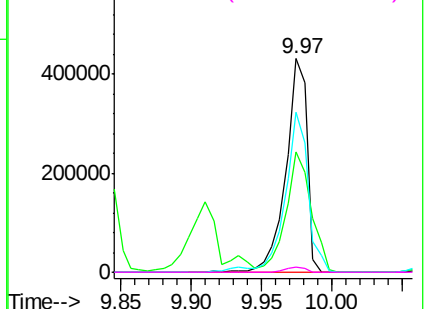
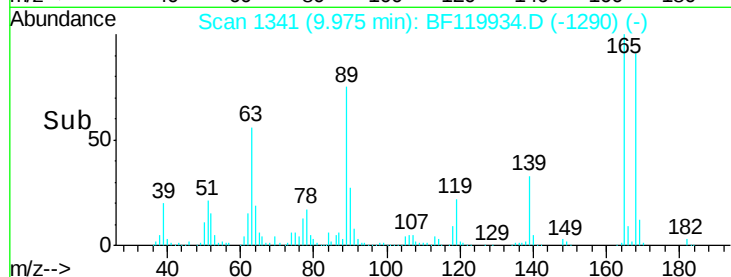
#57
2,4-Dinitrotoluene
Concen: 40.372 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 448313
Ion Ratio Lower Upper
165 100
63 56.1 40.8 61.2
89 75.0 56.9 85.3
182 2.5 2.0 3.0

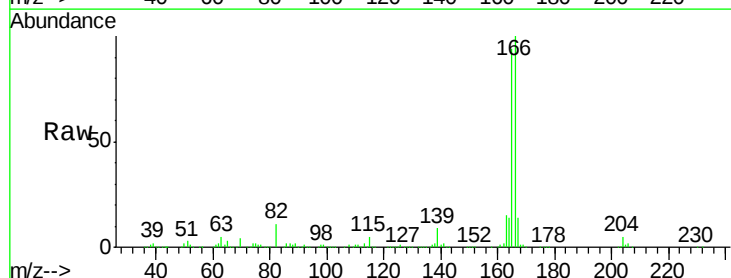


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

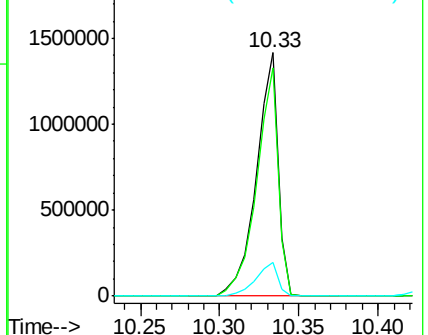
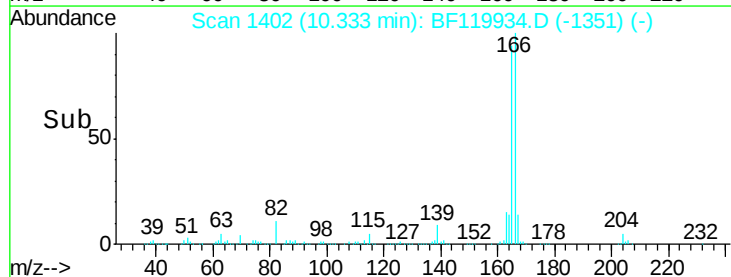


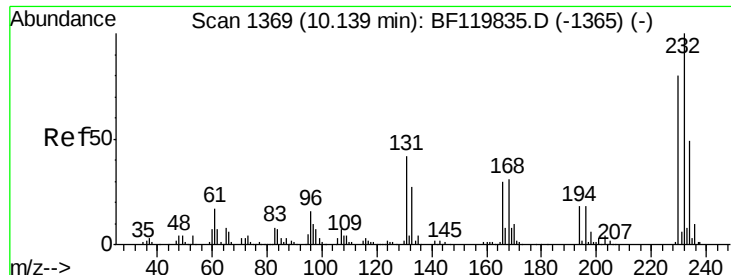
#58
Fluorene
Concen: 37.598 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

Tgt Ion:166 Resp: 1354361
Ion Ratio Lower Upper
166 100
165 93.9 74.2 111.2
167 13.6 10.8 16.2



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

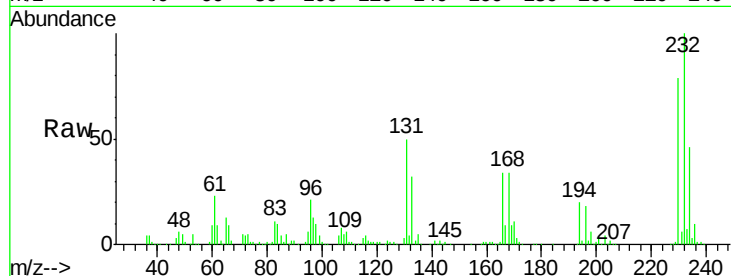




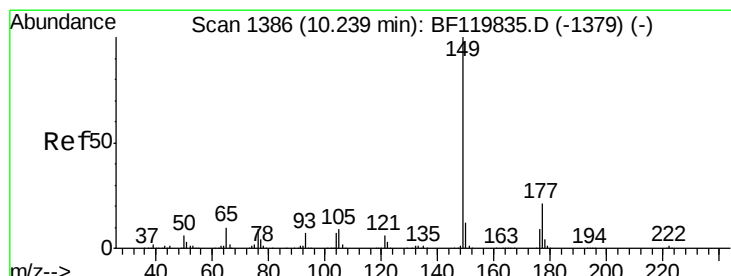
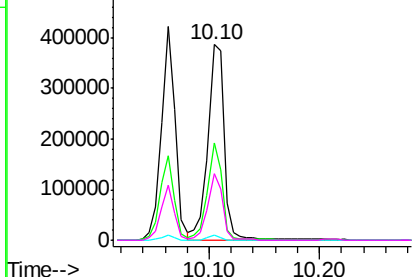
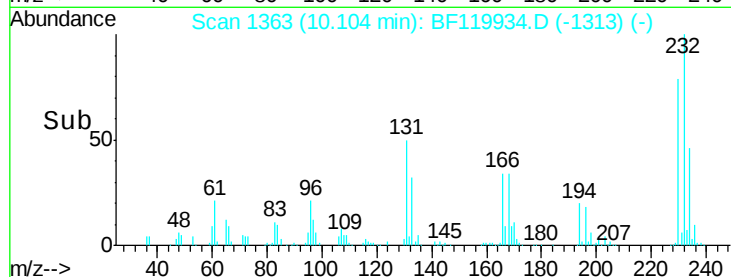
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.600 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF119934.D
 Acq: 14 Apr 2020 4:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 388903
 Ion Ratio Lower Upper
 232 100
 131 43.9 37.9 56.9
 130 2.1 1.8 2.6
 166 30.5 25.4 38.0

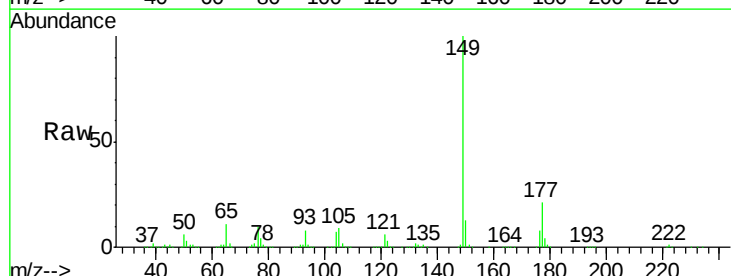


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

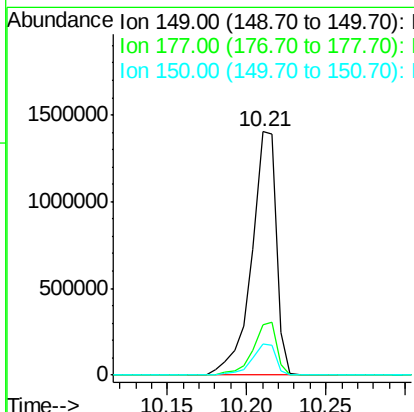
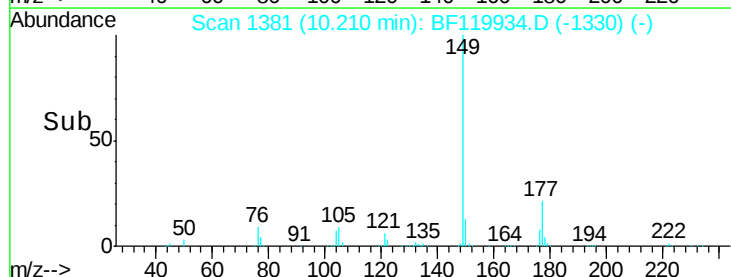


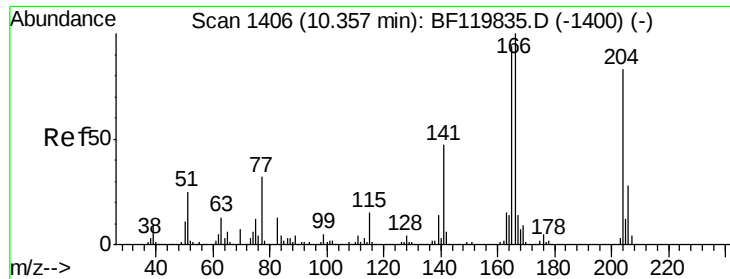
#60
 Diethylphthalate
 Concen: 38.173 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF119934.D
 Acq: 14 Apr 2020 4:50

Tgt Ion:149 Resp: 1522747
 Ion Ratio Lower Upper
 149 100
 177 20.6 16.8 25.2
 150 12.8 9.8 14.6



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

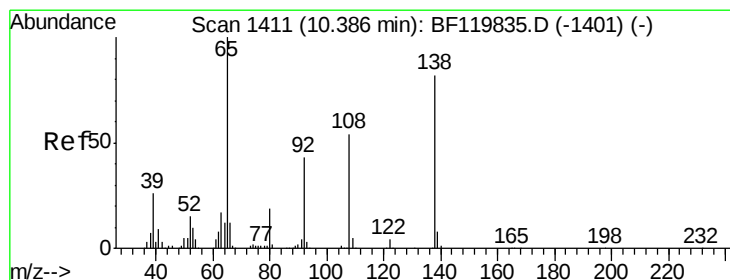
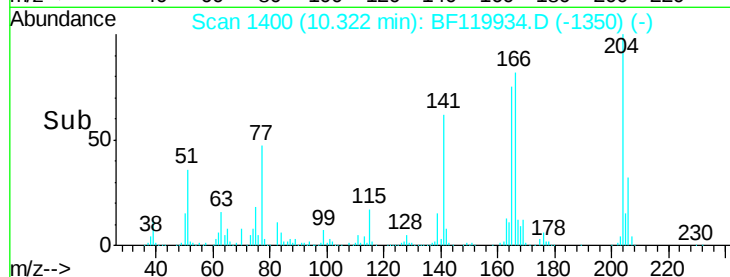
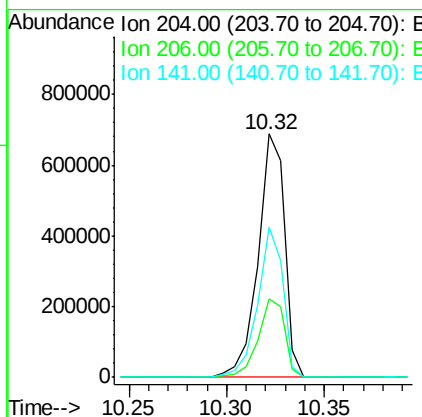
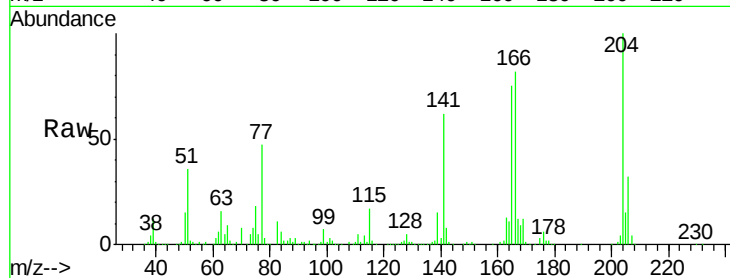




#61
 4-Chlorophenyl-phenylether
 Concen: 34.925 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119934.D
 Acq: 14 Apr 2020 4:50

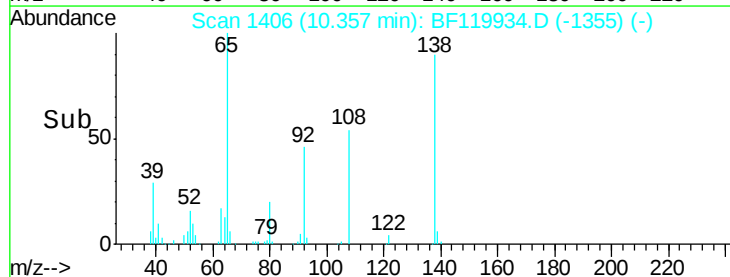
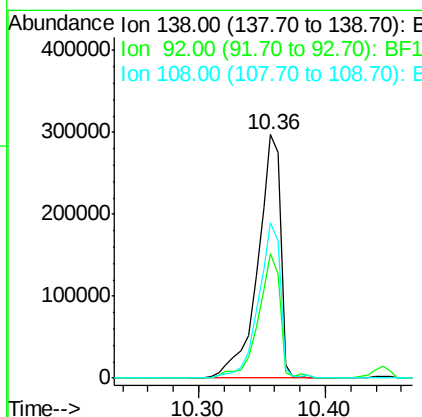
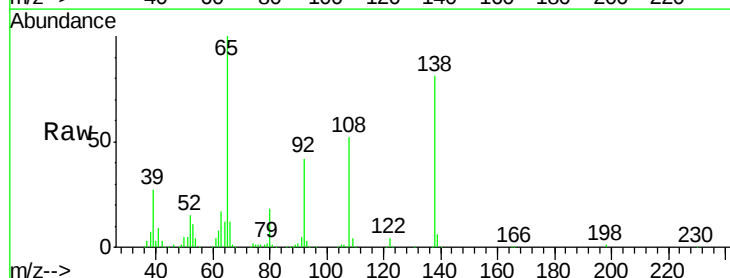
Instrument :
 BNA_F
 ClientSampled :

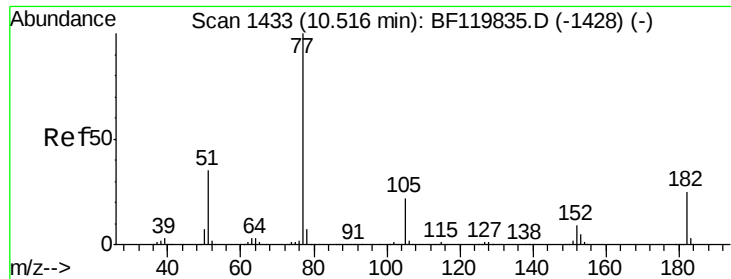
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.7	40.1
141	61.7	45.8	68.8



#62
 4-Nitroaniline
 Concen: 40.989 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF119934.D
 Acq: 14 Apr 2020 4:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	31.6	71.6
108	64.0	45.2	85.2

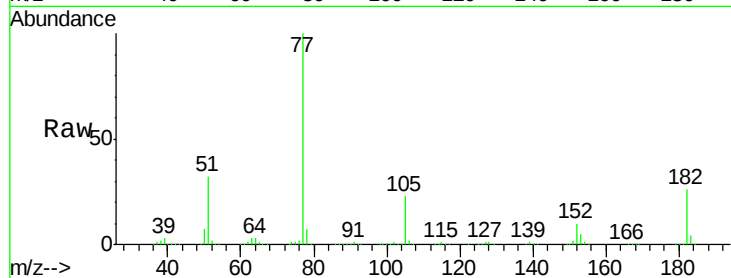




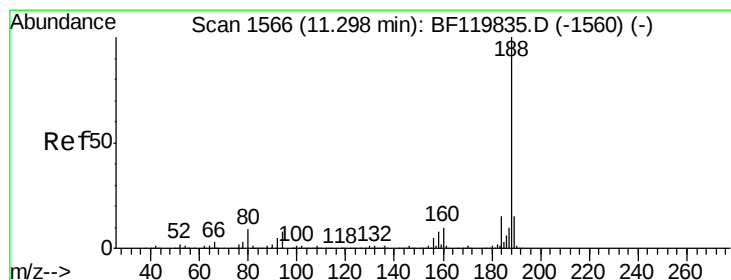
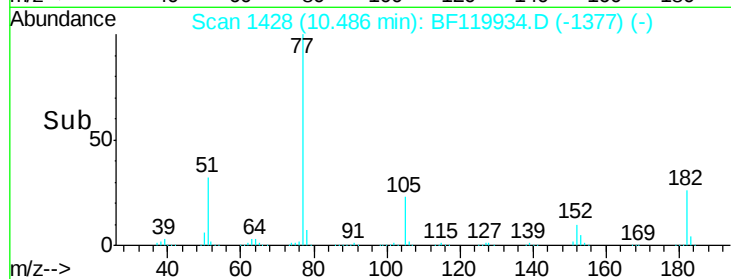
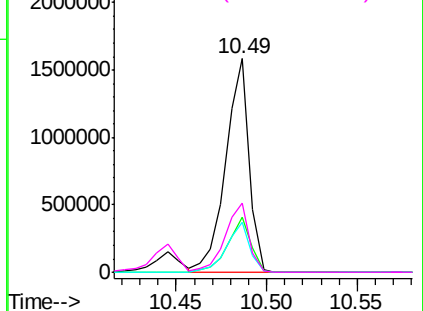
#63
Azobenzene
Concen: 39.867 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 1425235
Ion Ratio Lower Upper
77 100
182 25.7 4.5 44.5
105 23.2 2.2 42.2
51 32.5 15.1 55.1

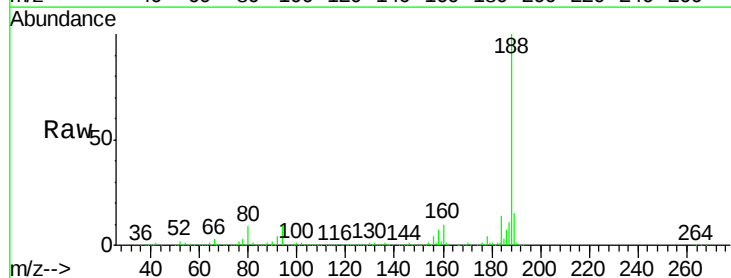


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

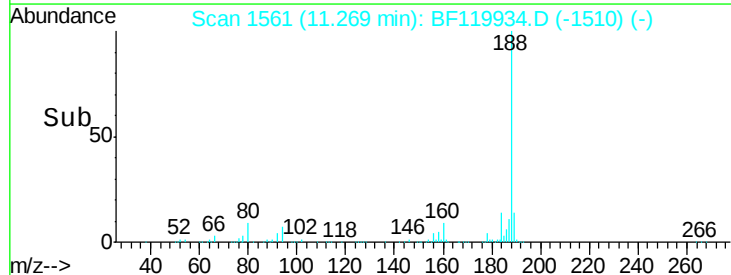
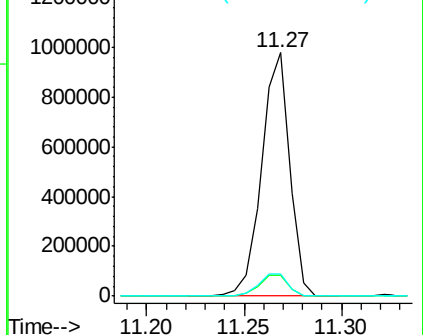


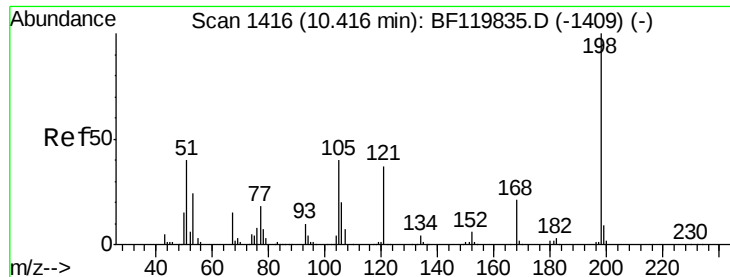
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

Tgt Ion: 188 Resp: 972603
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.1 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: 29.485 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampleId :

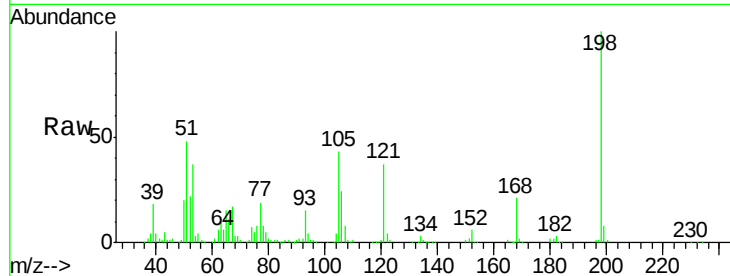
Tot Ion:198 Resp: 188930

Ion Ratio Lower Upper

198 100

51 47.5 25.2 65.2

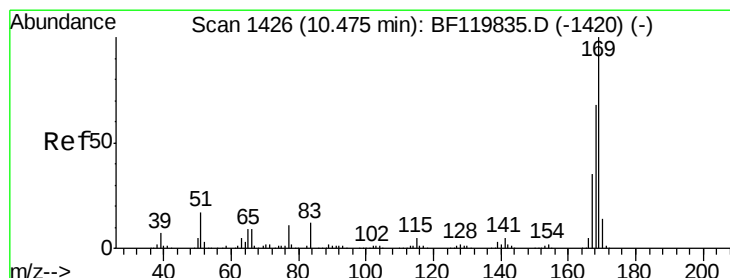
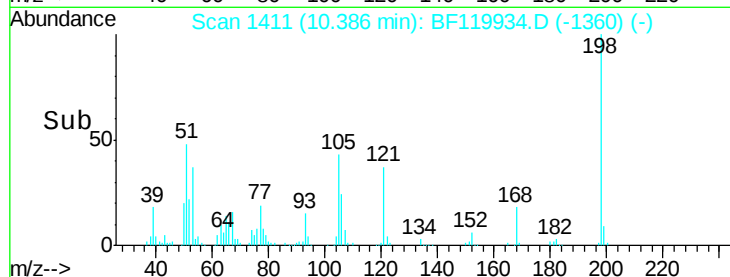
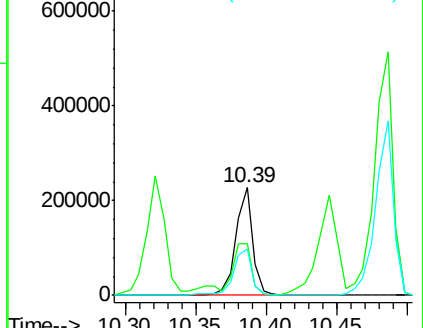
105 42.8 20.8 60.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.135 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

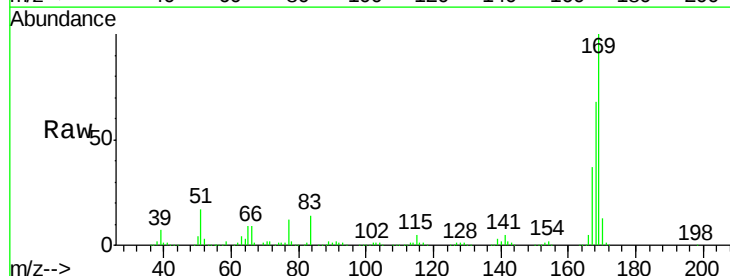
Tgt Ion:169 Resp: 1265876

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.4

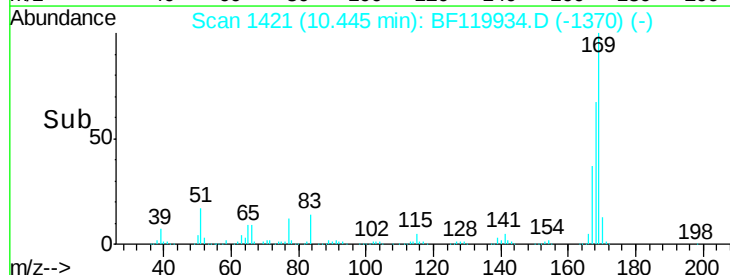
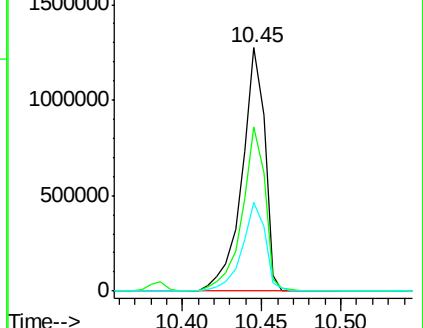
167 36.7 28.3 42.5

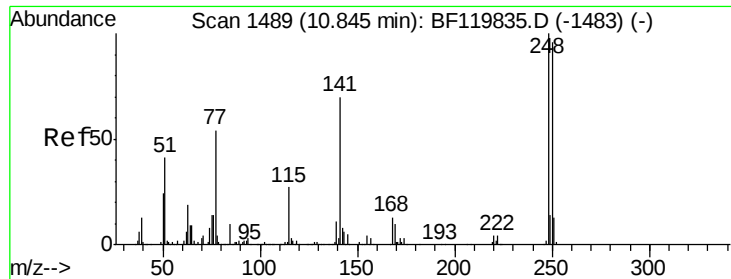


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

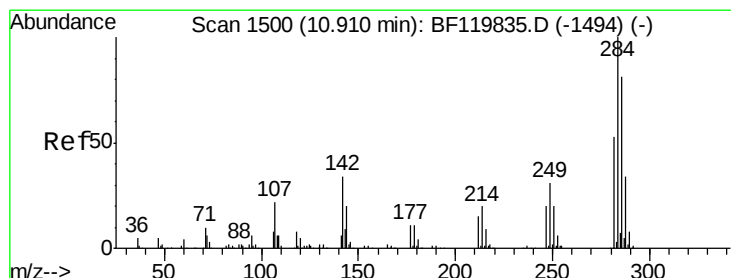
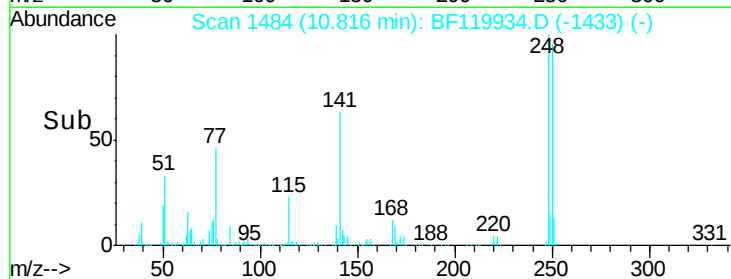
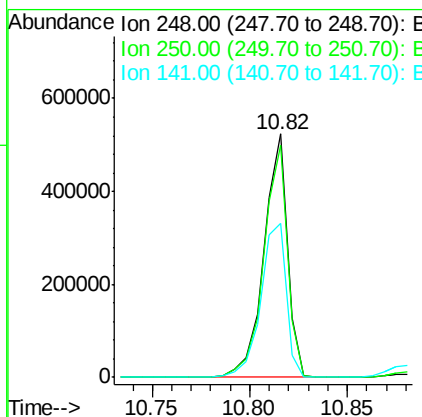
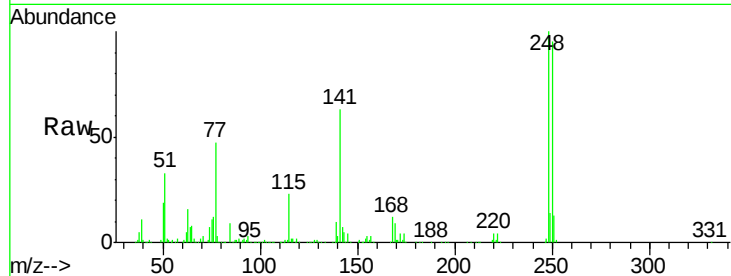




#67
4-Bromophenyl-phenylether
Concen: 36.252 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

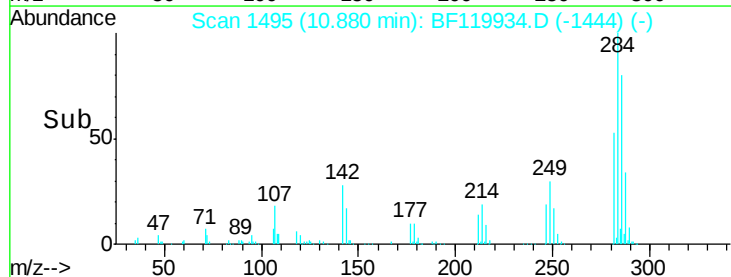
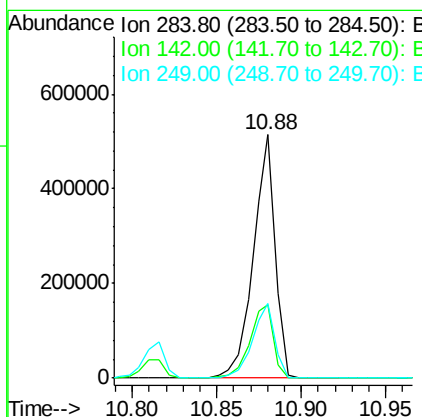
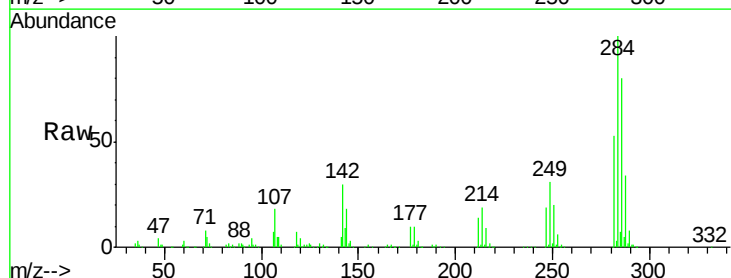
Instrument :
BNA_F
ClientSampleId :

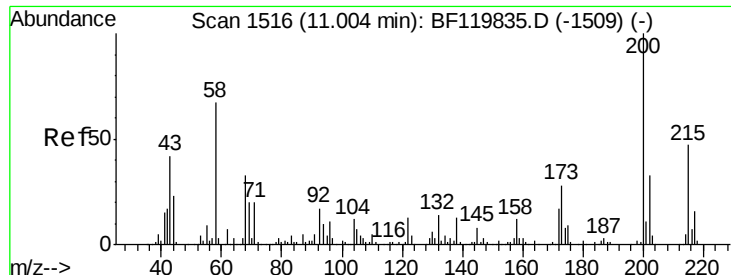
Tot Ion:248 Resp: 438474
Ion Ratio Lower Upper
248 100
250 95.3 76.6 114.8
141 63.2 55.9 83.9



#68
Hexachlorobenzene
Concen: 37.791 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

Tgt Ion:284 Resp: 463703
Ion Ratio Lower Upper
284 100
142 30.4 26.9 40.3
249 30.8 24.6 37.0

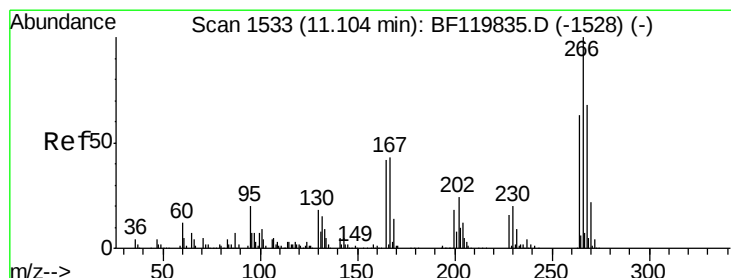
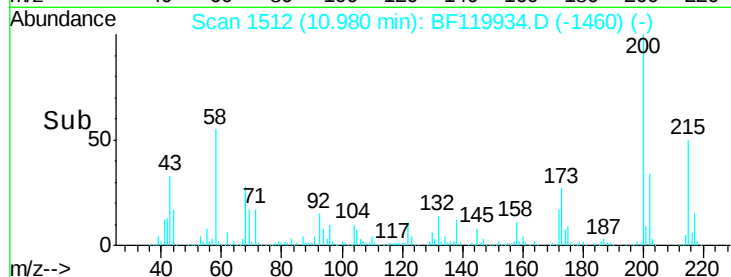
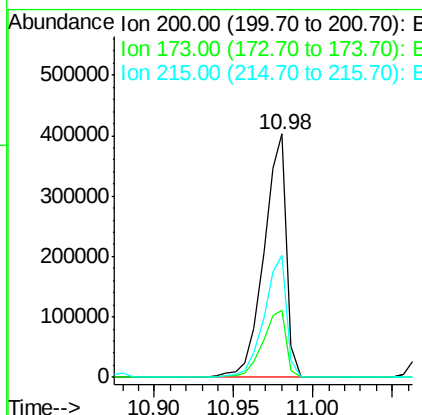
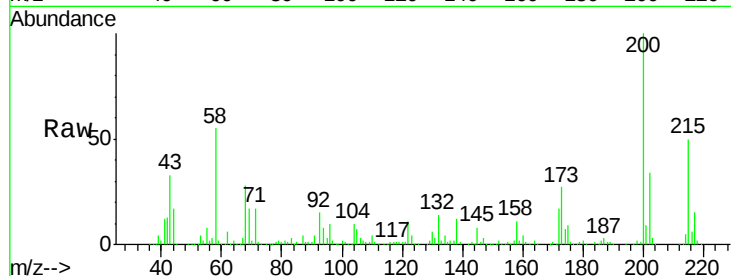




#69
 Atrazine
 Concen: 44.439 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.01 min
 Lab File: BF119934.D
 Acq: 14 Apr 2020 4:50

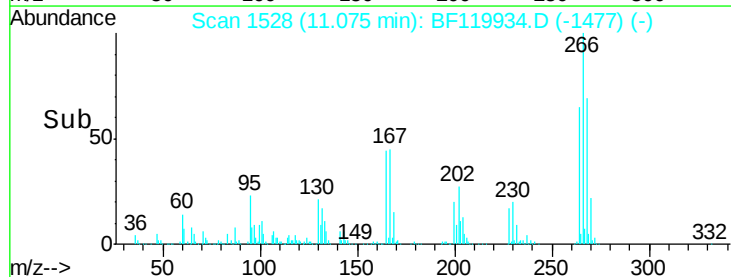
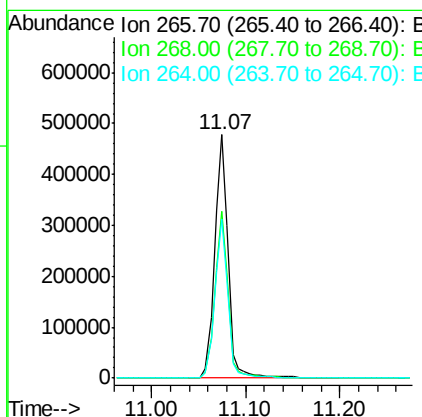
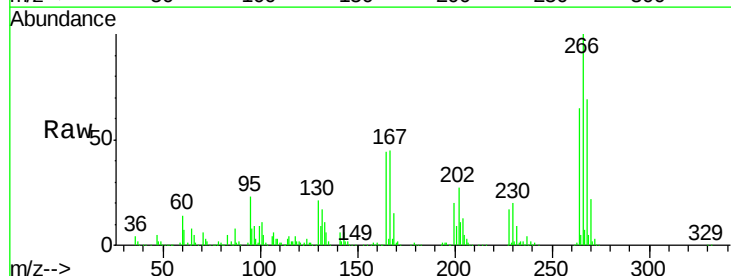
Instrument :
 BNA_F
 ClientSampleId :

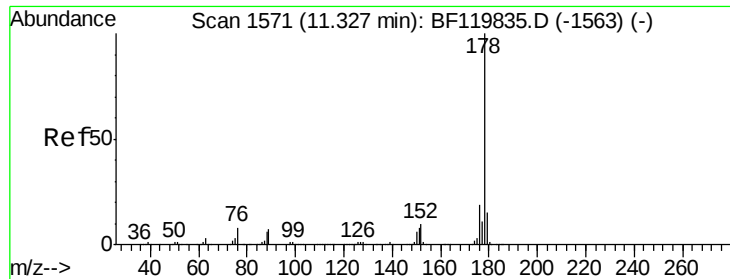
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	8.0	48.0
215	50.0	27.1	67.1



#70
 Pentachlorophenol
 Concen: 68.986 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.00 min
 Lab File: BF119934.D
 Acq: 14 Apr 2020 4:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.7	54.2	81.4
264	65.2	50.6	76.0

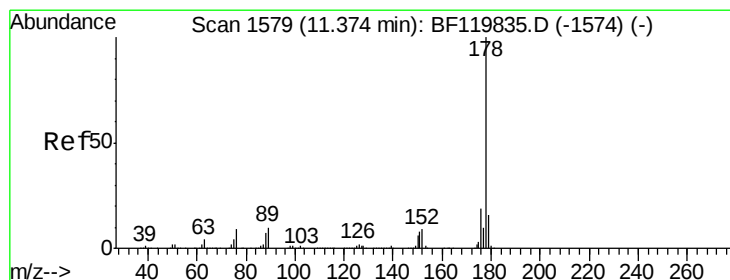
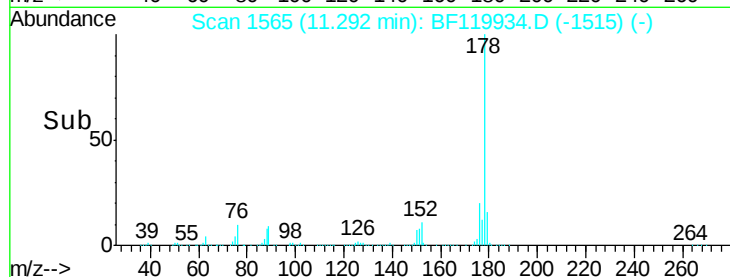
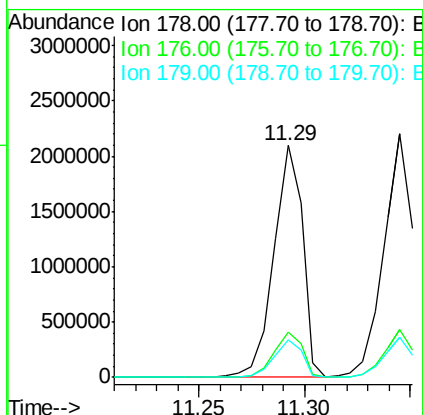
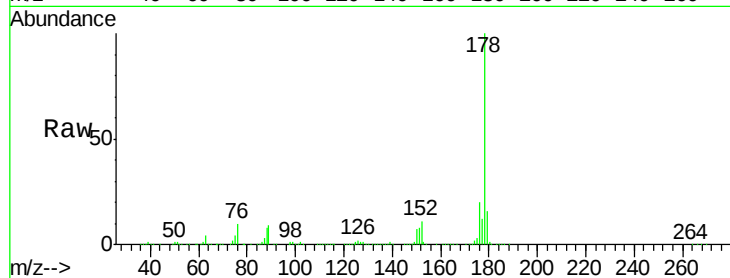




#71
Phenanthrene
Concen: 38.651 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

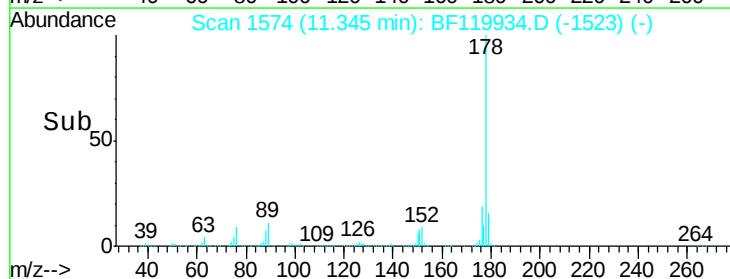
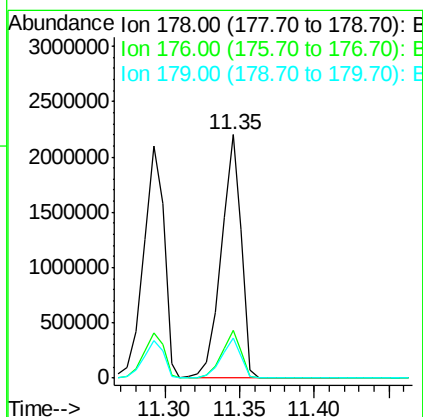
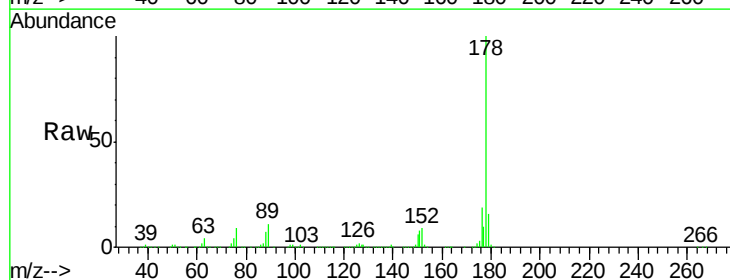
Instrument :
BNA_F
ClientSampled :

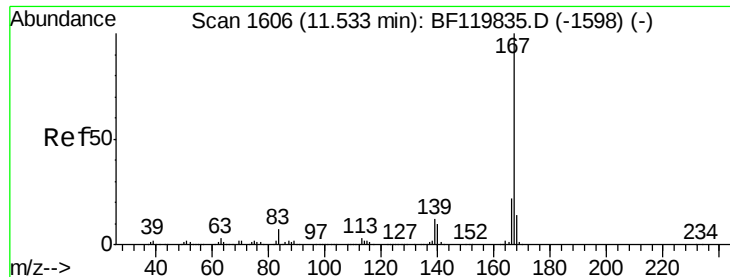
Tot Ion:178 Resp: 2000690
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 16.1 12.2 18.4



#72
Anthracene
Concen: 39.142 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

Tgt Ion:178 Resp: 2069806
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 16.3 12.8 19.2

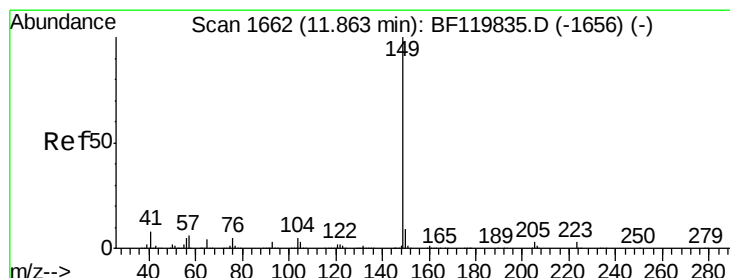
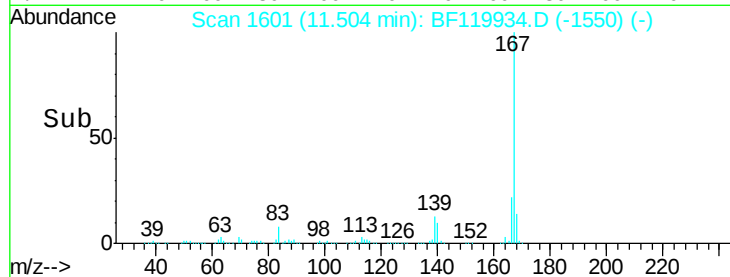
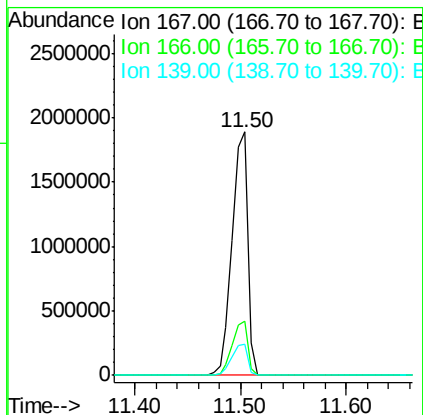
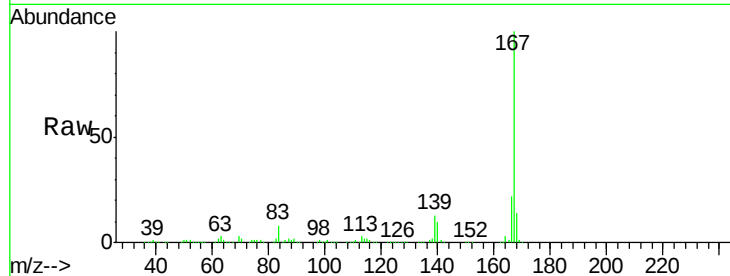




#73
 Carbazole
 Concen: 38.577 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: BF119934.D
 Acq: 14 Apr 2020 4:50

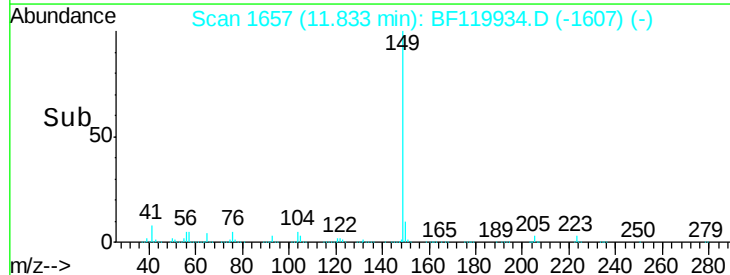
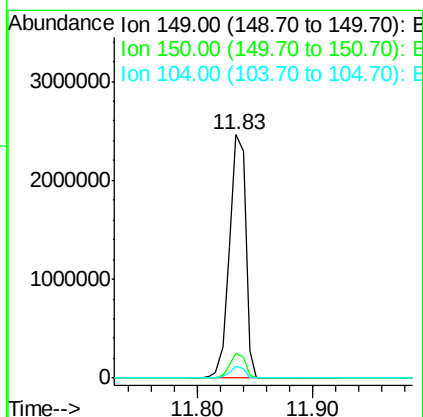
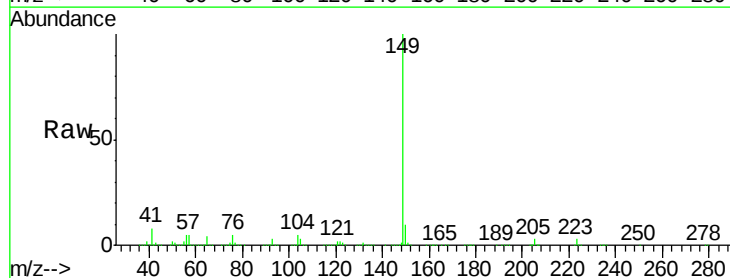
Instrument :
 BNA_F
 ClientSampleId :

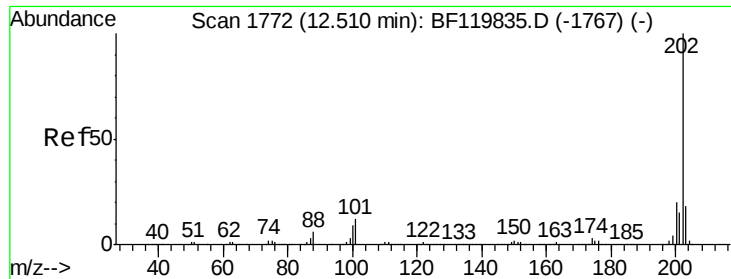
Tot Ion:167 Resp: 1929065
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.0
 139 12.8 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 36.363 ng
 RT: 11.83 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF119934.D
 Acq: 14 Apr 2020 4:50

Tgt Ion:149 Resp: 2390448
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.6 11.4
 104 4.8 3.8 5.6

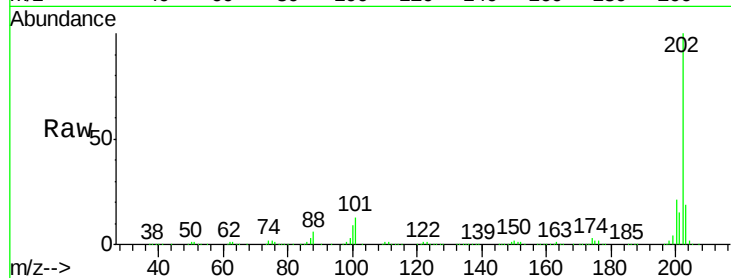




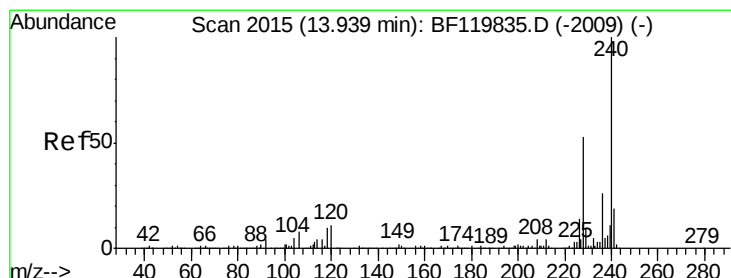
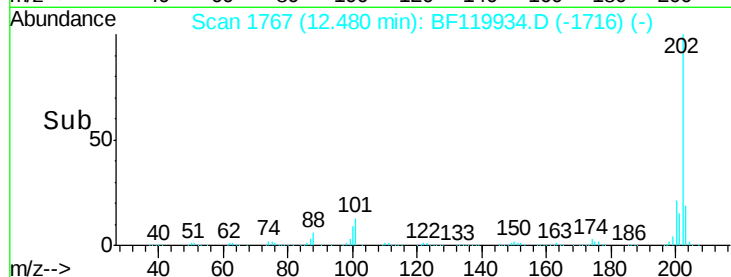
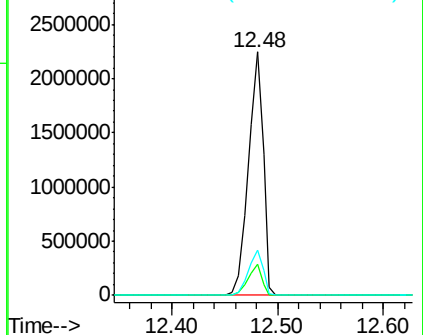
#75
 Fluoranthene
 Concen: 39.057 ng
 RT: 12.48 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BF119934.D
 Acq: 14 Apr 2020 4:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 2181387
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 32.3
 203 18.6 0.0 37.6

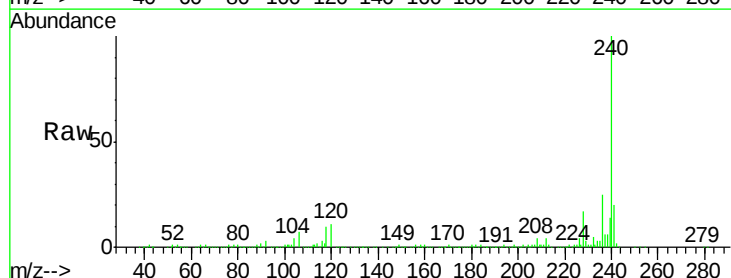


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

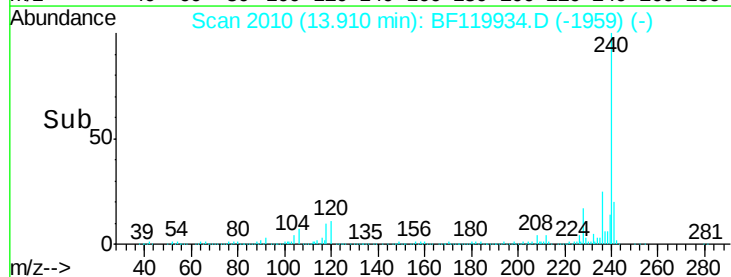
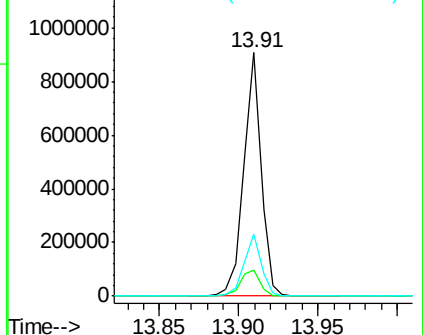


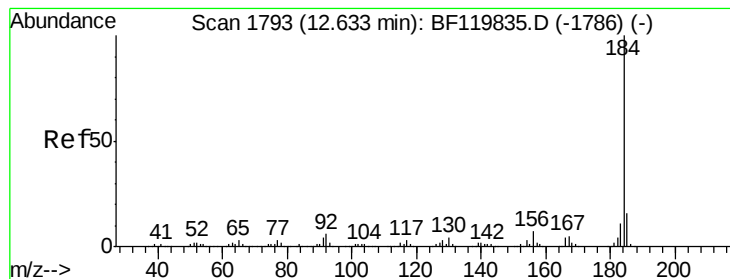
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BF119934.D
 Acq: 14 Apr 2020 4:50

Tgt Ion:240 Resp: 689757
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.0 13.6
 236 25.4 20.7 31.1



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: 57.751 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

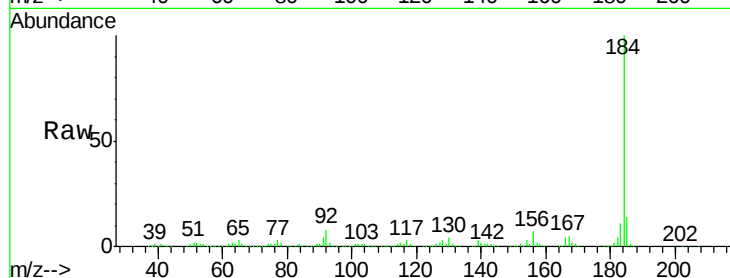
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1346504

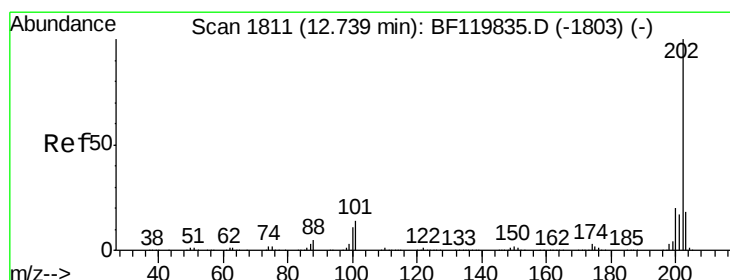
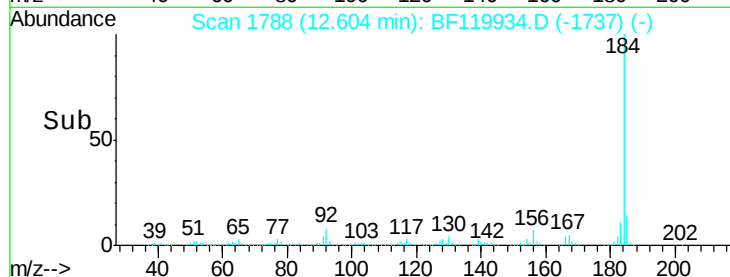
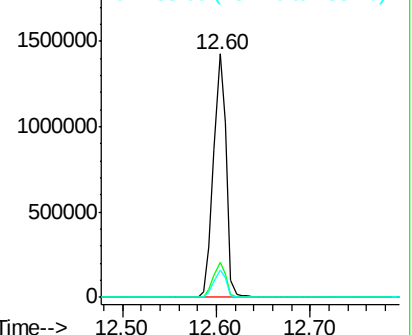
Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.2	19.8
183	11.2	9.1	13.7



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: 37.472 ng

RT: 12.71 min Scan# 1806

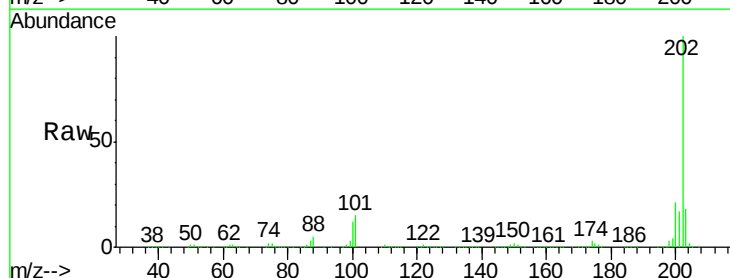
Delta R.T. -0.00 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Tgt Ion:202 Resp: 2178889

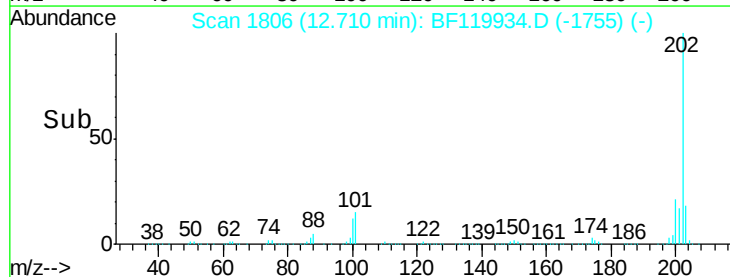
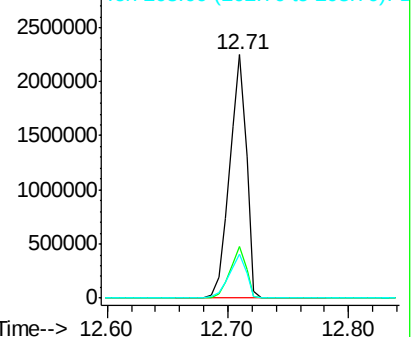
Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.2	24.2
203	18.2	14.1	21.1

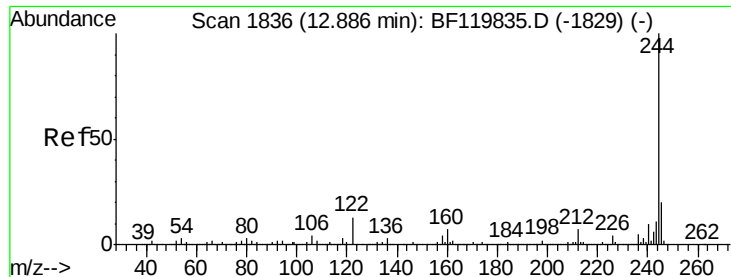


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.419 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampleId :

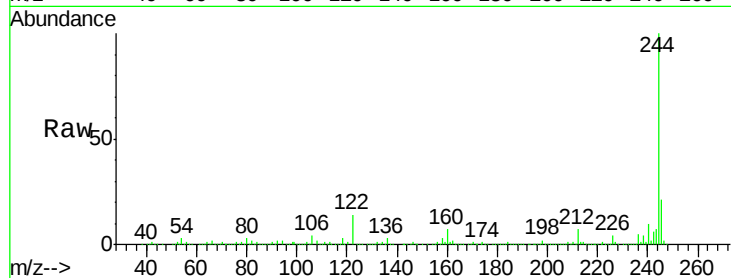
Tot Ion:244 Resp: 2927624

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

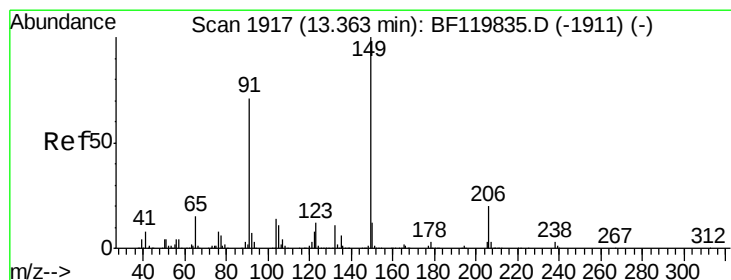
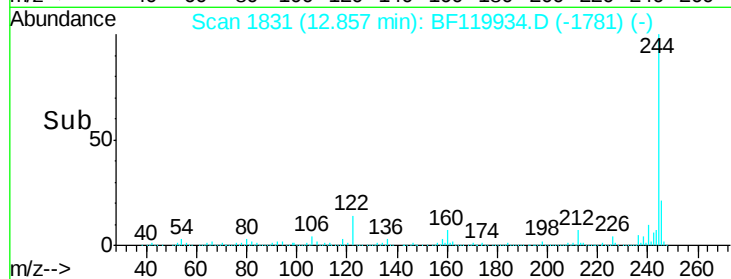
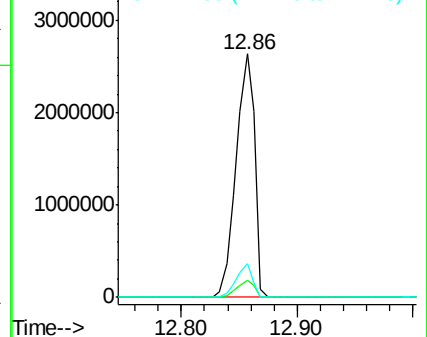
122 13.7 10.3 15.5



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: 36.056 ng

RT: 13.33 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

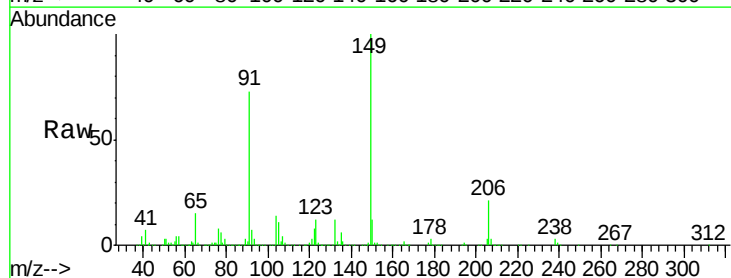
Tgt Ion:149 Resp: 1017346

Ion Ratio Lower Upper

149 100

91 72.7 56.7 85.1

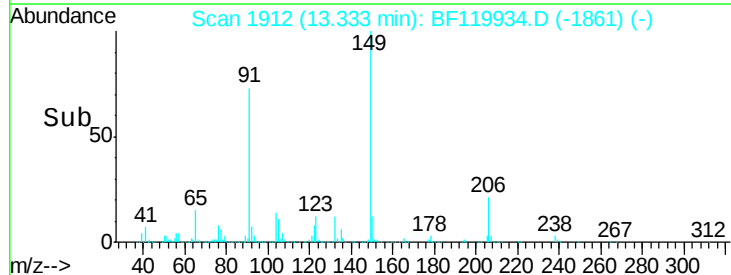
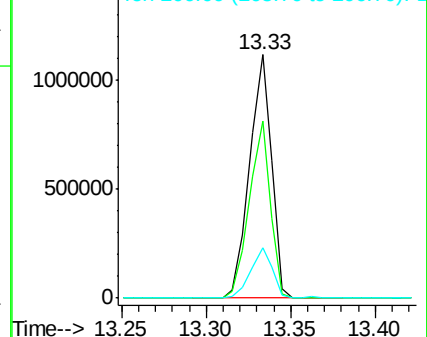
206 20.6 15.7 23.5



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: 37.693 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampled :

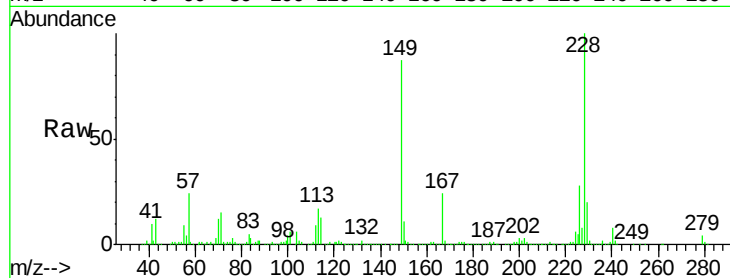
Tot Ion:228 Resp: 1710379

Ion Ratio Lower Upper

228 100

226 27.7 21.9 32.9

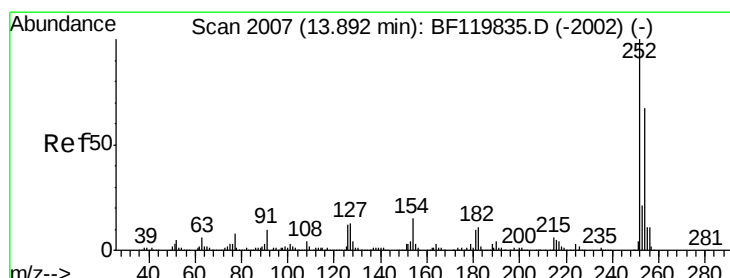
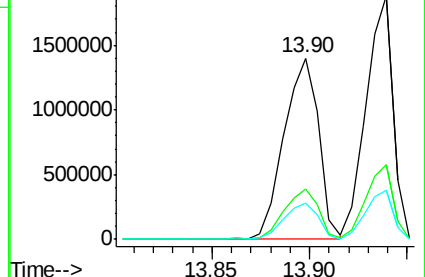
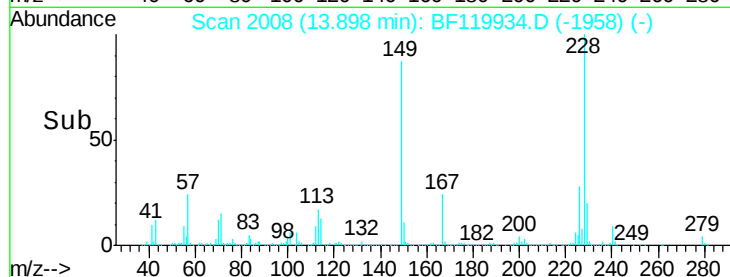
229 20.4 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.742 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

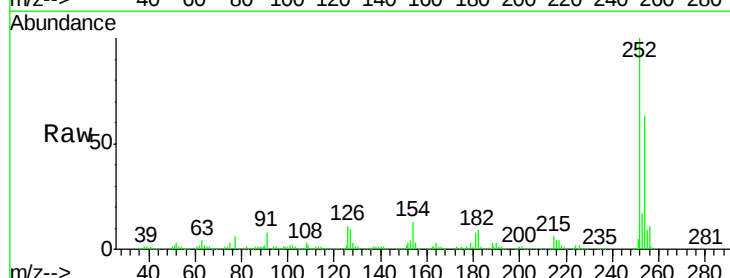
Tgt Ion:252 Resp: 486625

Ion Ratio Lower Upper

252 100

254 63.0 53.9 80.9

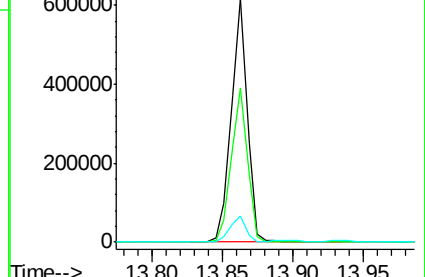
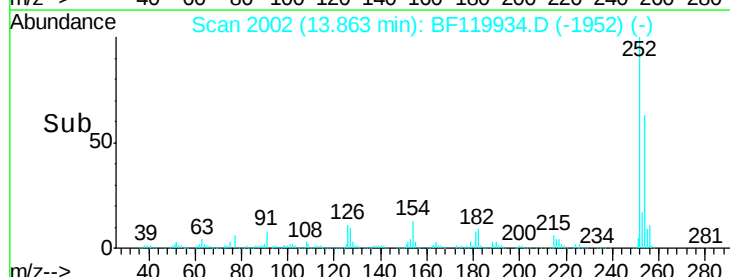
126 10.9 9.7 14.5

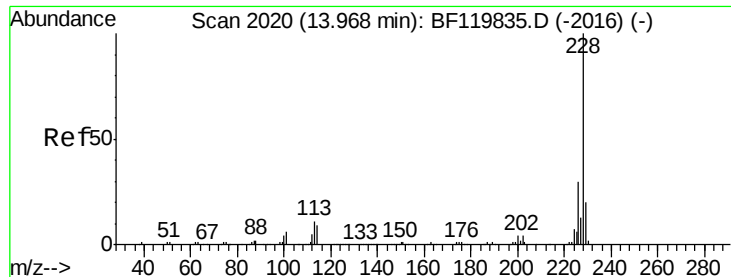


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 38.868 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampleId :

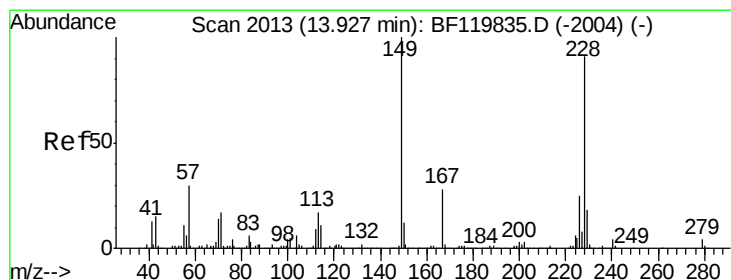
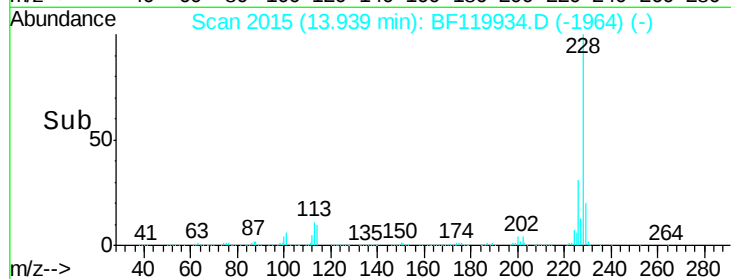
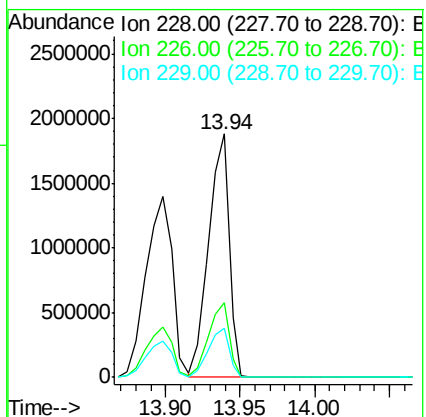
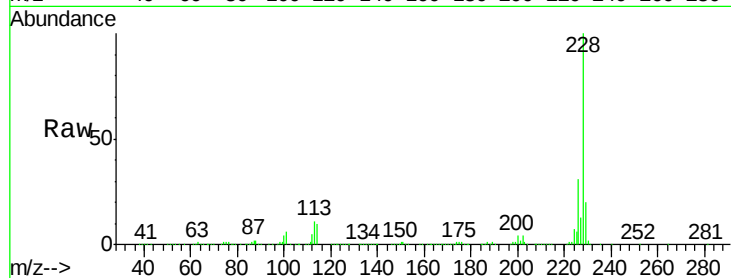
Tot Ion:228 Resp: 1792088

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.2

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.184 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

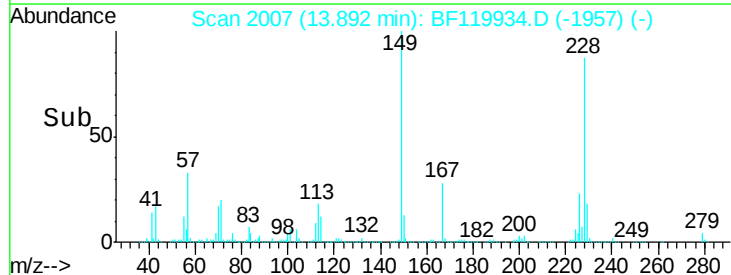
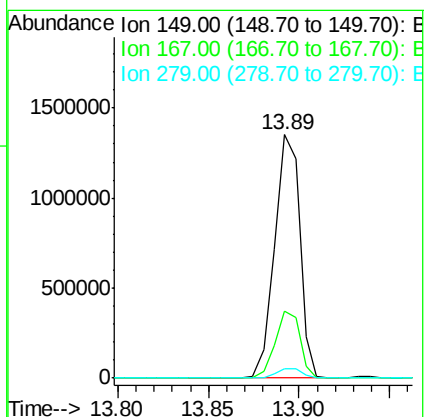
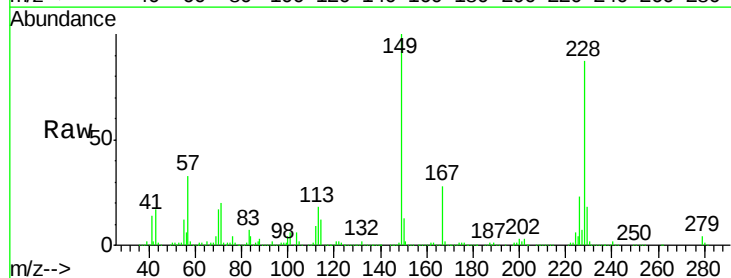
Tgt Ion:149 Resp: 1306131

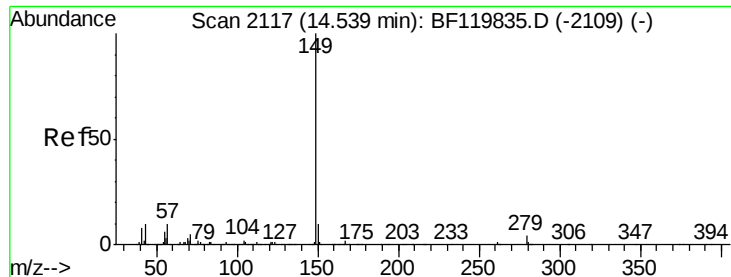
Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.2

279 3.6 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 36.618 ng

RT: 14.50 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampleId :

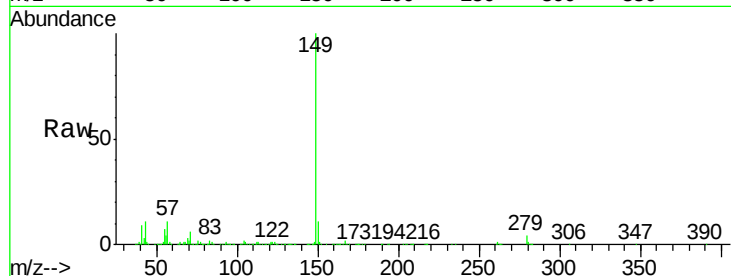
Tot Ion:149 Resp: 2382285

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

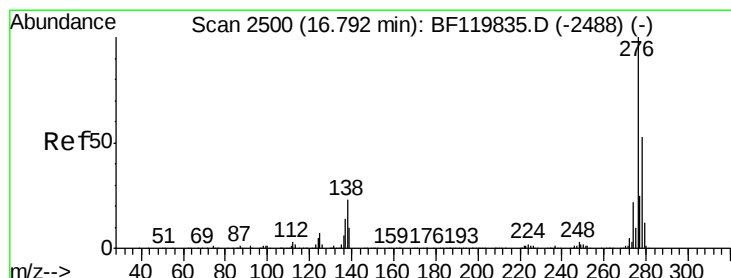
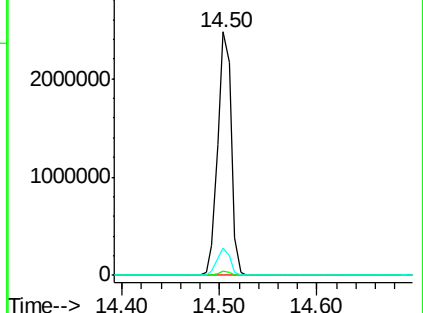
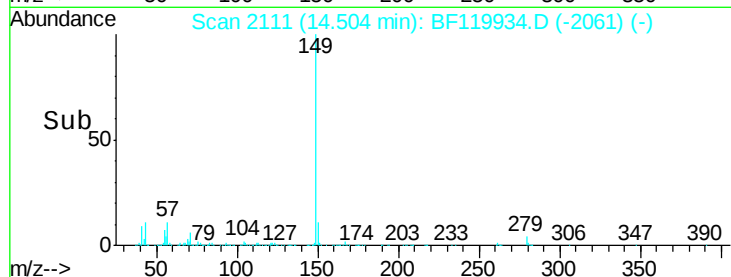
43 10.9 9.2 13.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.522 ng

RT: 16.73 min Scan# 2489

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

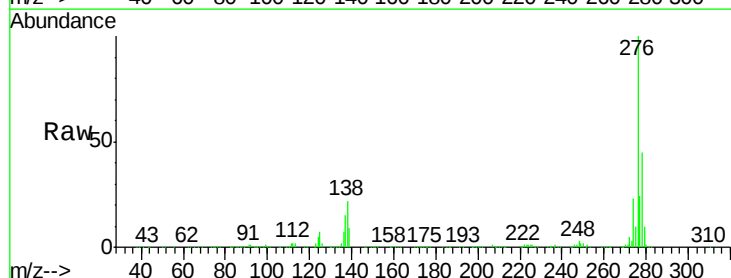
Tgt Ion:276 Resp: 1606276

Ion Ratio Lower Upper

276 100

138 23.7 18.0 27.0

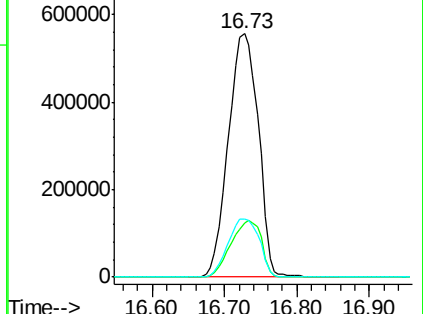
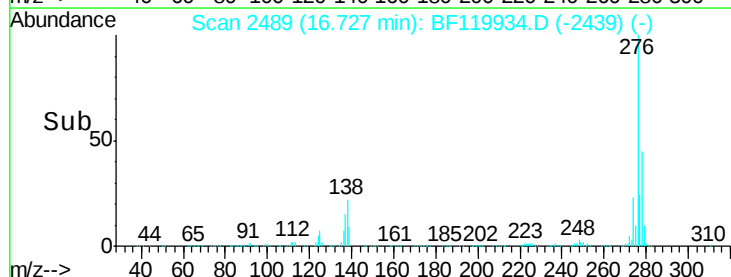
277 24.9 20.1 30.1

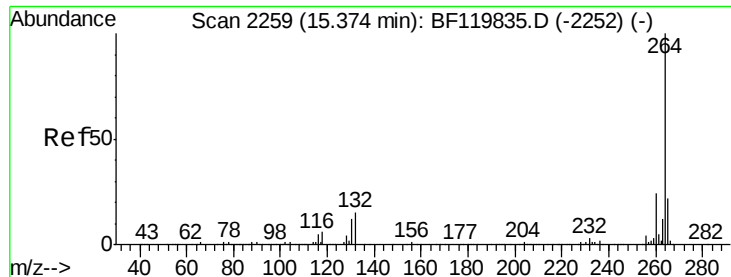


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

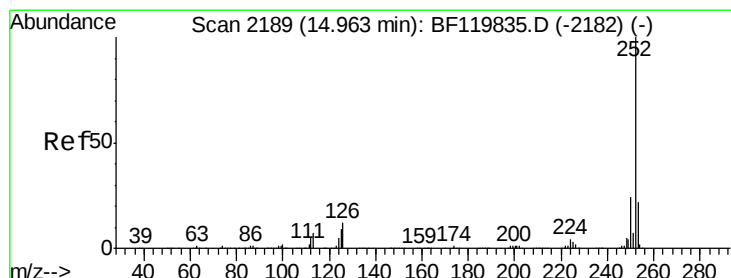
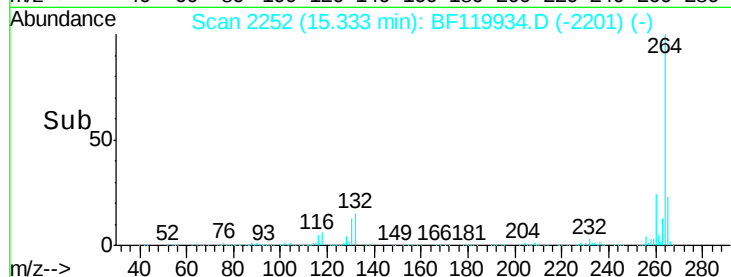
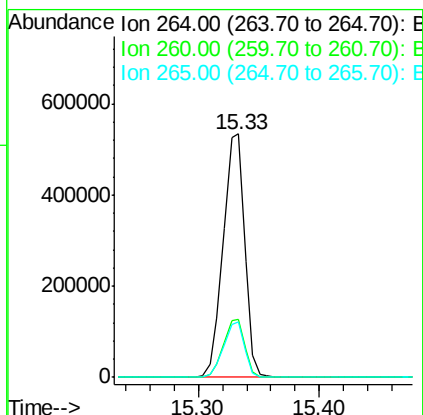
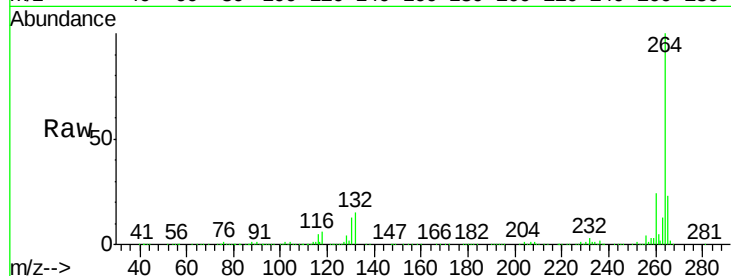




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

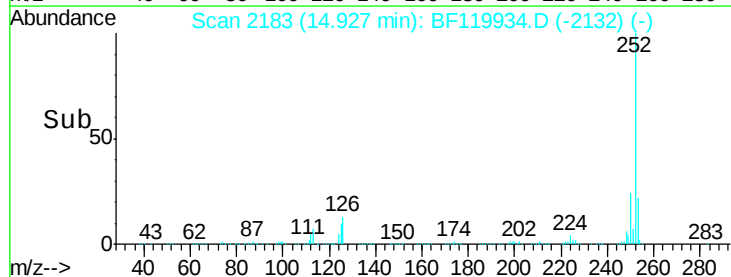
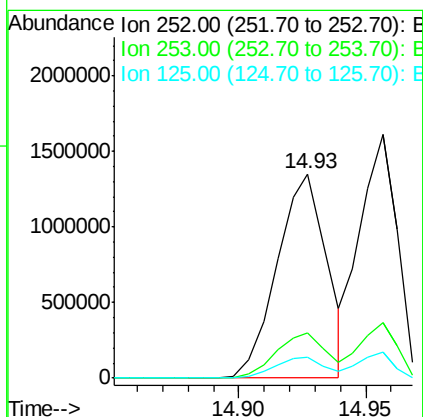
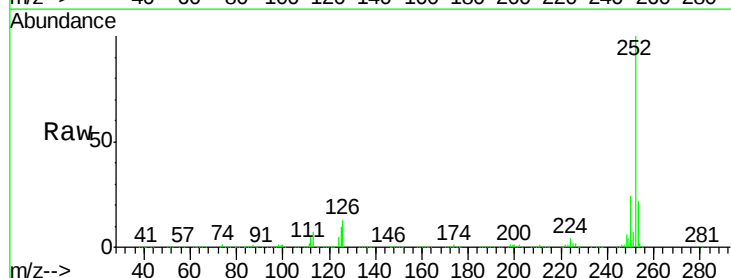
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 658250
Ion Ratio Lower Upper
264 100
260 24.0 19.3 28.9
265 22.8 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 38.710 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

Tgt Ion:252 Resp: 1833030
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.0 7.4 11.2

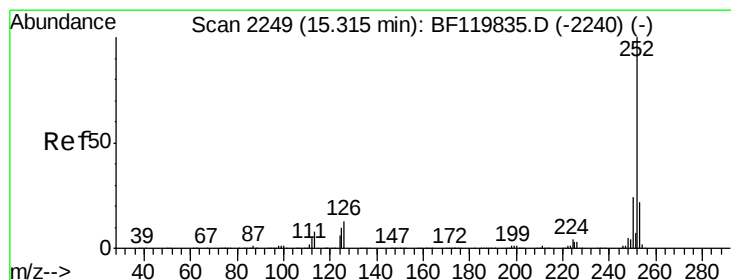
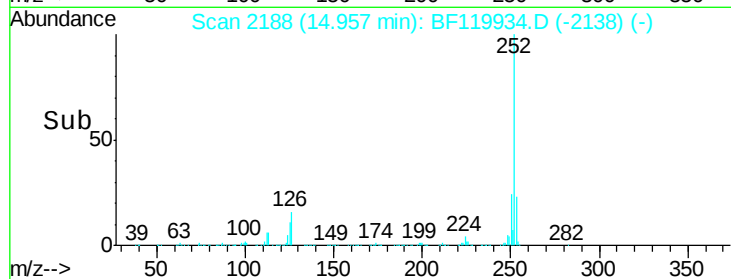
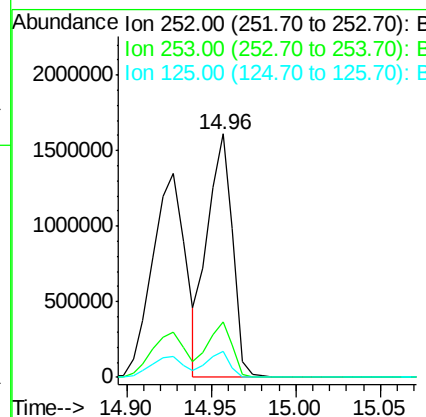
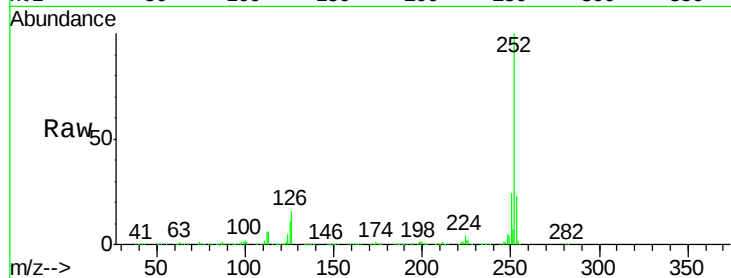




#89
Benzo(k)fluoranthene
Concen: 40.728 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

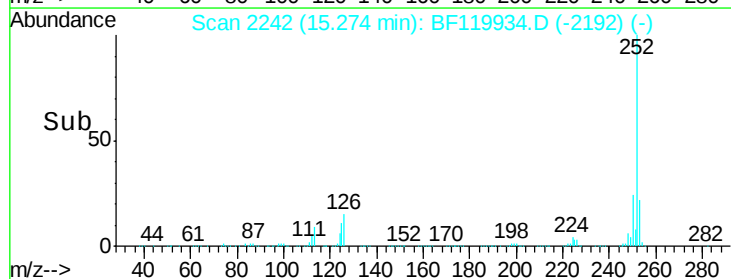
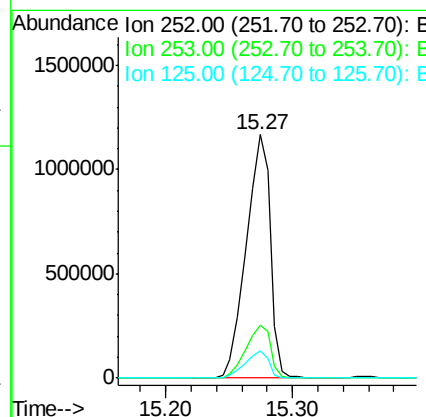
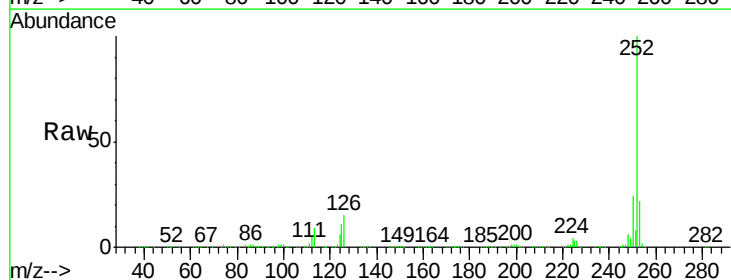
Instrument :
BNA_F
ClientSampleId :

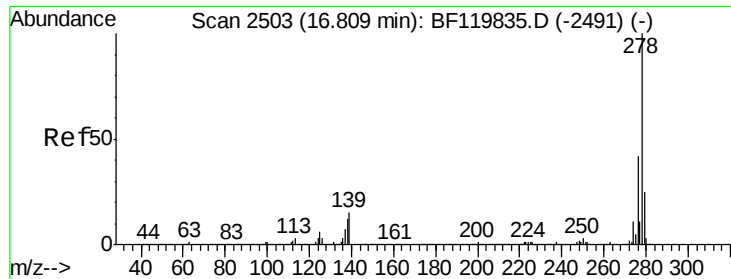
Tot Ion:252 Resp: 1664003
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 10.6 7.7 11.5



#90
Benzo(a)pyrene
Concen: 38.774 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF119934.D
Acq: 14 Apr 2020 4:50

Tgt Ion:252 Resp: 1543761
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.5 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 37.791 ng

RT: 16.74 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

Instrument :

BNA_F

ClientSampleId :

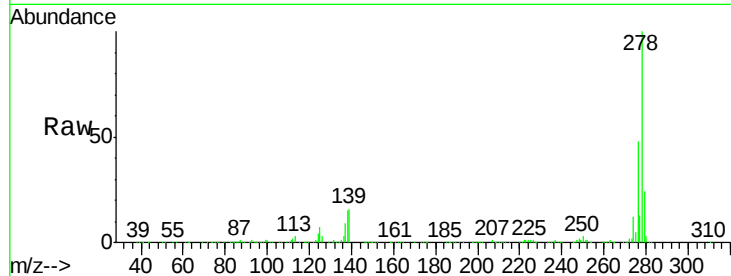
Tot Ion:278 Resp: 1332785

Ion Ratio Lower Upper

278 100

139 16.0 11.6 17.4

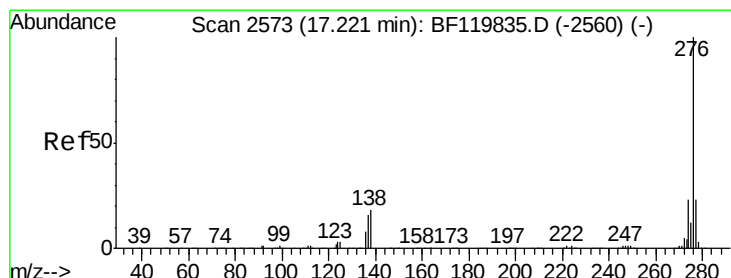
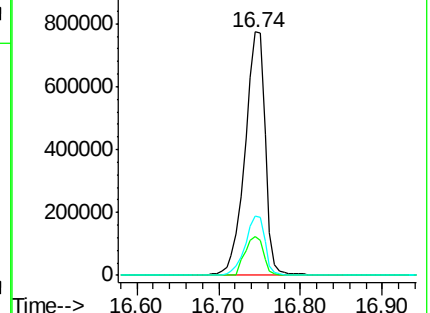
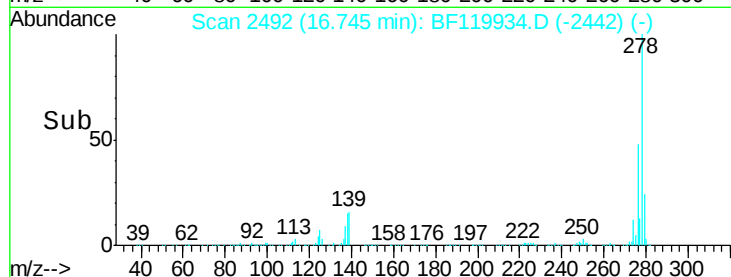
279 24.2 19.7 29.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.012 ng

RT: 17.15 min Scan# 2561

Delta R.T. -0.01 min

Lab File: BF119934.D

Acq: 14 Apr 2020 4:50

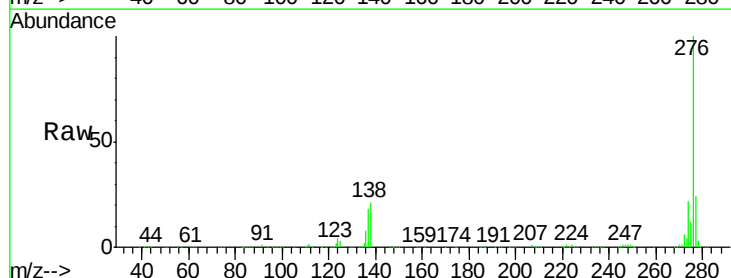
Tgt Ion:276 Resp: 1288480

Ion Ratio Lower Upper

276 100

277 23.7 18.5 27.7

138 21.1 14.6 22.0



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

