

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119849.D
 Acq On : 9 Apr 2020 3:05
 Operator : MA/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 03:45:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	209916	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	752332	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	402260	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	729256	20.00	ng	0.00
76) Chrysene-d12	13.94	240	511229	20.00	ng	0.00
87) Perylene-d12	15.37	264	487066	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	908604	74.80	ng	0.00
7) Phenol-d6	6.40	99	1172524	74.91	ng	0.00
23) Nitrobenzene-d5	7.34	82	1125454	77.39	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	372947	75.72	ng	0.00
45) 2-Fluorobiphenyl	9.14	172	2157769	76.16	ng	0.00
79) Terphenyl-d14	12.89	244	2245934	73.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	193783	35.819	ng	99
3) Pyridine	3.16	79	520805	35.086	ng	97
4) n-Nitrosodimethylamine	3.12	42	269940	35.593	ng	99
6) Aniline	6.43	93	806345	39.252	ng	100
8) 2-Chlorophenol	6.56	128	532996	39.272	ng	99
9) Benzaldehyde	6.32	77	322190	37.260	ng	97
10) Phenol	6.42	94	690017	38.860	ng	99
11) bis(2-Chloroethyl)ether	6.51	93	537895	39.233	ng	99
12) 1,3-Dichlorobenzene	6.71	146	571509	38.464	ng	100
13) 1,4-Dichlorobenzene	6.79	146	571871	37.783	ng	99
14) 1,2-Dichlorobenzene	6.94	146	517355	37.090	ng	100
15) Benzyl Alcohol	6.92	79	439520	36.155	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.05	45	978851	36.690	ng	100
17) 2-Methylphenol	7.03	107	435394	35.948	ng	98
18) Hexachloroethane	7.29	117	204388	36.133	ng	# 90
19) n-Nitroso-di-n-propylamine	7.19	70	383128	38.066	ng	98
20) 3+4-Methylphenols	7.19	107	552245	37.281	ng	89
22) Acetophenone	7.19	105	670941	38.084	ng	97
24) Nitrobenzene	7.36	77	557180	38.087	ng	100
25) Isophorone	7.60	82	1072747	38.267	ng	99
26) 2-Nitrophenol	7.67	139	297886	40.758	ng	90
27) 2,4-Dimethylphenol	7.71	122	414626	37.615	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	659666	39.989	ng	99
29) 2,4-Dichlorophenol	7.92	162	421261	37.284	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	491259	38.372	ng	98
31) Naphthalene	8.08	128	1487639	37.583	ng	100
32) Benzoic acid	7.85	122	362248	37.419	ng	97
33) 4-Chloroaniline	8.13	127	623600	36.189	ng	99
34) Hexachlorobutadiene	8.20	225	295632	38.576	ng	98
35) Caprolactam	8.51	113	138031	39.937	ng	96
36) 4-Chloro-3-methylphenol	8.62	107	499452	40.829	ng	94
37) 2-Methylnaphthalene	8.77	142	1080131	40.250	ng	99
38) 1-Methylnaphthalene	8.87	142	1012024	40.011	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	502193	39.527	ng	100

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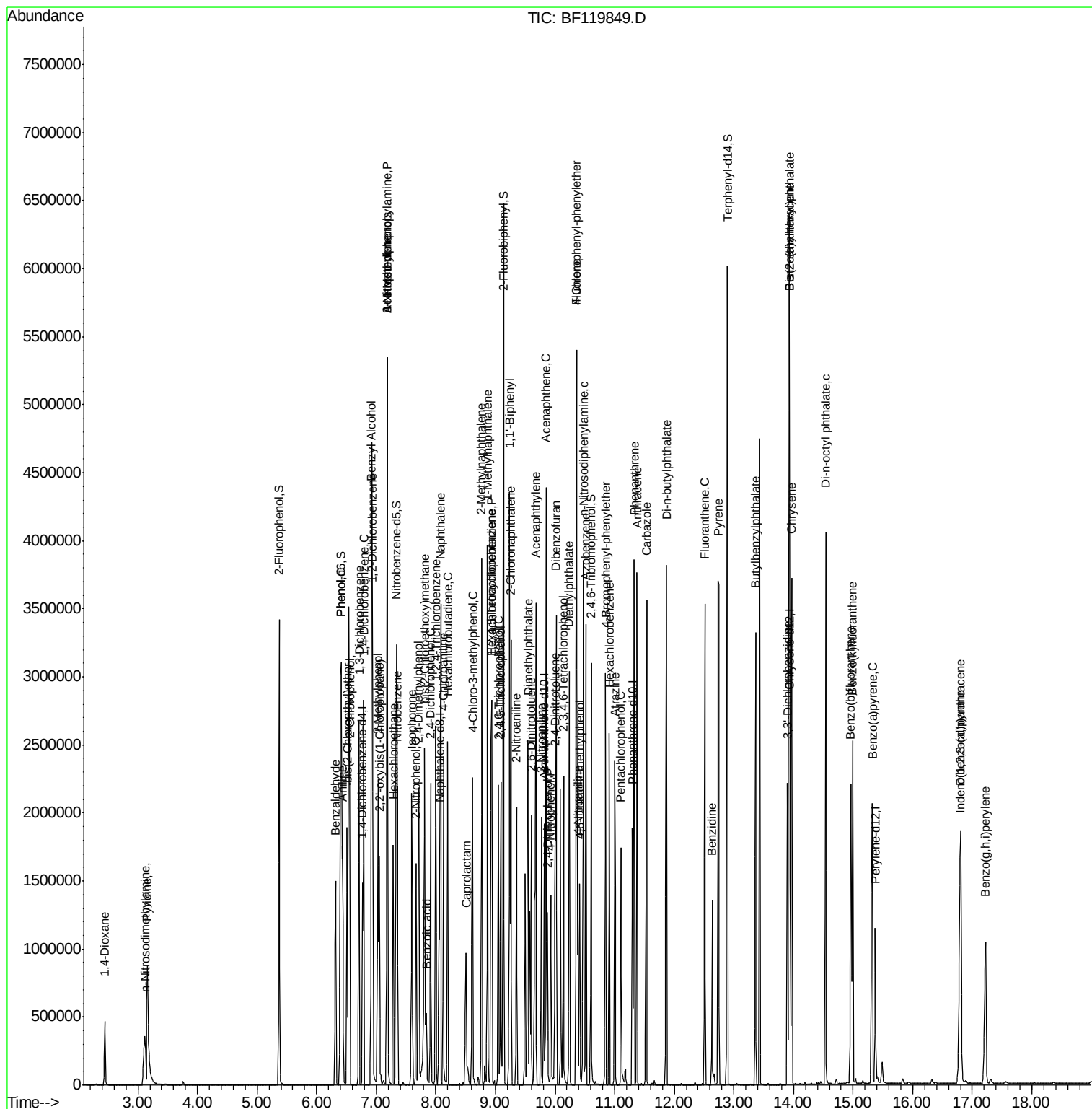
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	286882	39.709	ng	97
43) 2,4,6-Trichlorophenol	9.05	196	317241	36.159	ng	99
44) 2,4,5-Trichlorophenol	9.09	196	368525	37.294	ng	99
46) 1,1'-Biphenyl	9.24	154	1314416	38.713	ng	99
47) 2-Chloronaphthalene	9.26	162	965234	36.903	ng	97
48) 2-Nitroaniline	9.36	65	350854	37.016	ng	97
49) Acenaphthylene	9.67	152	1544225	38.821	ng	100
50) Dimethylphthalate	9.55	163	1160791	37.307	ng	99
51) 2,6-Dinitrotoluene	9.60	165	255471	37.495	ng	88
52) Acenaphthene	9.85	154	958978	36.141	ng	99
53) 3-Nitroaniline	9.77	138	300197	38.577	ng	99
54) 2,4-Dinitrophenol	9.87	184	152366	37.352	ng	97
55) Dibenzofuran	10.02	168	1352563	37.146	ng	100
56) 4-Nitrophenol	9.93	139	221362	38.232	ng	99
57) 2,4-Dinitrotoluene	10.00	165	330821	36.853	ng	96
58) Fluorene	10.36	166	1059902	36.397	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.14	232	280799	37.155	ng	98
60) Diethylphthalate	10.24	149	1176305	36.477	ng	99
61) 4-Chlorophenyl-phenylether	10.36	204	533064	35.716	ng	97
62) 4-Nitroaniline	10.39	138	286434	38.624	ng	98
63) Azobenzene	10.52	77	1150877	39.823	ng	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	186213	38.759	ng	92
66) n-Nitrosodiphenylamine	10.47	169	1017912	41.971	ng	99
67) 4-Bromophenyl-phenylether	10.85	248	349428	38.530	ng	97
68) Hexachlorobenzene	10.92	284	366822	39.871	ng	# 91
69) Atrazine	11.00	200	264020	39.126	ng	97
70) Pentachlorophenol	11.10	266	205021	38.670	ng	99
71) Phenanthrene	11.33	178	1453559	37.451	ng	99
72) Anthracene	11.37	178	1496702	37.749	ng	99
73) Carbazole	11.53	167	1402447	37.404	ng	100
74) Di-n-butylphthalate	11.87	149	1909745	38.745	ng	100
75) Fluoranthene	12.52	202	1570638	37.506	ng	97
77) Benzidine	12.63	184	491059	28.416	ng	99
78) Pyrene	12.74	202	1675067	38.867	ng	99
80) Butylbenzylphthalate	13.36	149	784455	37.511	ng	99
81) Benzo(a)anthracene	13.93	228	1233416	36.674	ng	99
82) 3,3'-Dichlorobenzidine	13.90	252	476410	37.965	ng	97
83) Chrysene	13.97	228	1303518	38.145	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	1061557	37.485	ng	100
85) Di-n-octyl phthalate	14.54	149	1851648	38.401	ng	100
86) Indeno(1,2,3-cd)pyrene	16.79	276	1118555	37.133	ng	100
88) Benzo(b)fluoranthene	14.96	252	1218156	34.766	ng	99
89) Benzo(k)fluoranthene	14.99	252	1022255	33.814	ng	99
90) Benzo(a)pyrene	15.32	252	1112050	37.748	ng	98
91) Dibenzo(a,h)anthracene	16.81	278	922364	35.346	ng	99
92) Benzo(g,h,i)perylene	17.22	276	857110	33.274	ng	98

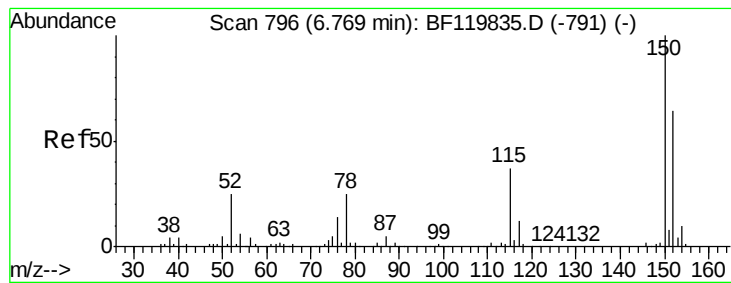
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF119849.D  
Acq On    : 9 Apr 2020    3:05  
Operator  : MA/SJ  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampled :

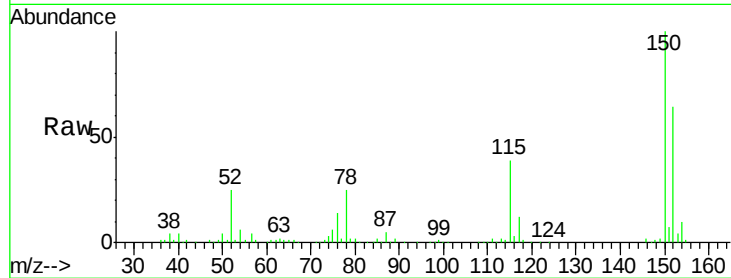
Tot Ion:152 Resp: 209916

Ion Ratio Lower Upper

152 100

150 156.0 124.8 187.2

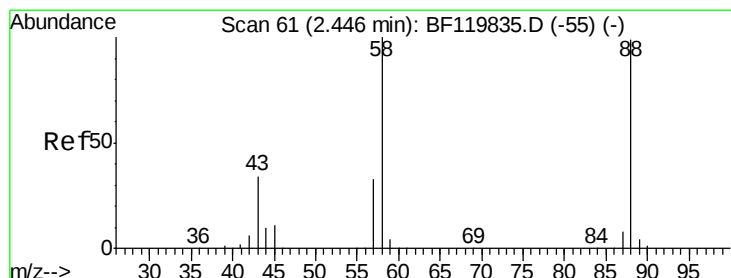
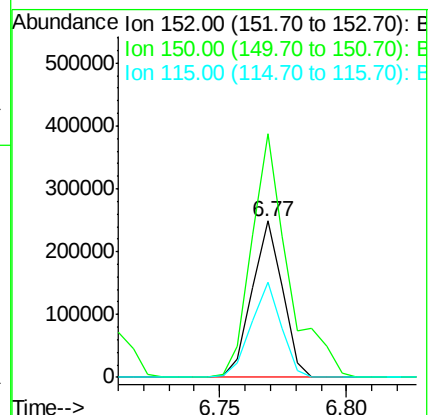
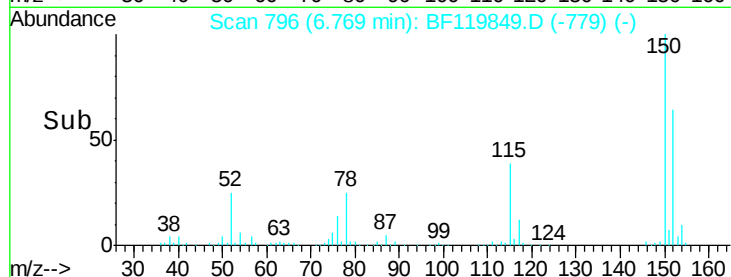
115 60.8 46.5 69.7



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: 35.819 ng

RT: 2.45 min Scan# 61

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

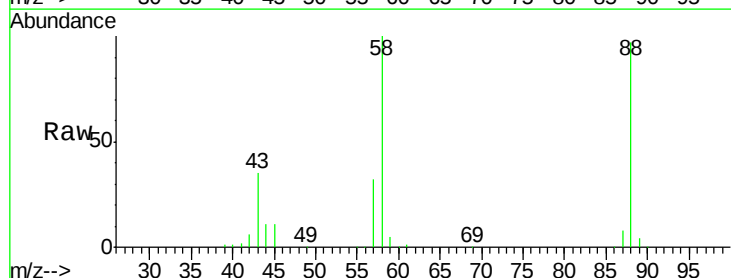
Tgt Ion: 88 Resp: 193783

Ion Ratio Lower Upper

88 100

58 104.0 82.6 123.8

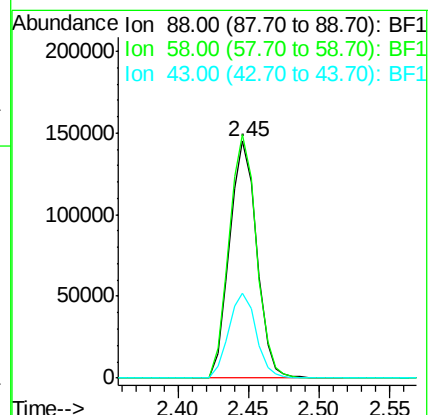
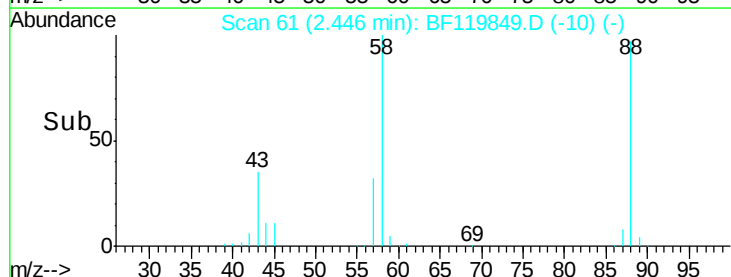
43 36.4 28.6 42.8

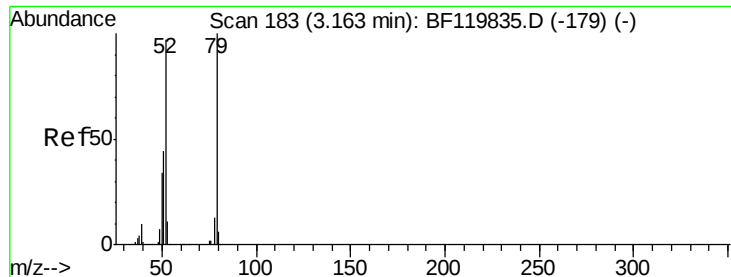


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.086 ng

RT: 3.16 min Scan# 182

Delta R.T. -0.01 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampleId :

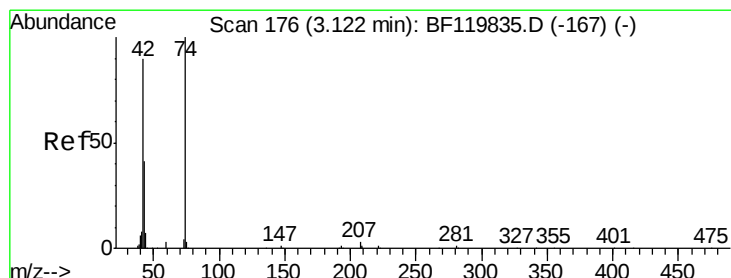
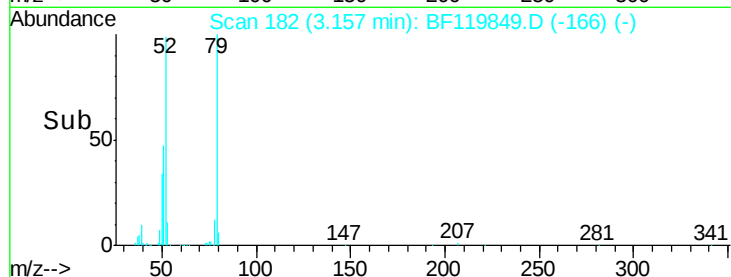
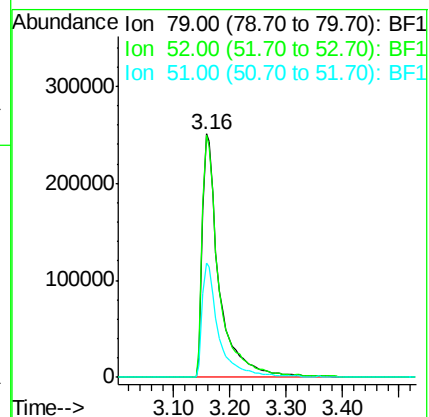
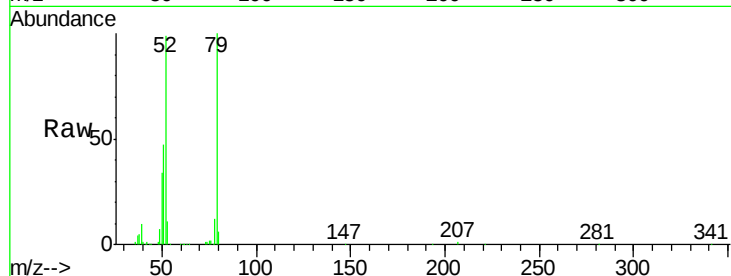
Tot Ion: 79 Resp: 520805

Ion Ratio Lower Upper

79 100

52 99.3 77.4 116.0

51 47.0 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 35.593 ng

RT: 3.12 min Scan# 175

Delta R.T. -0.01 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

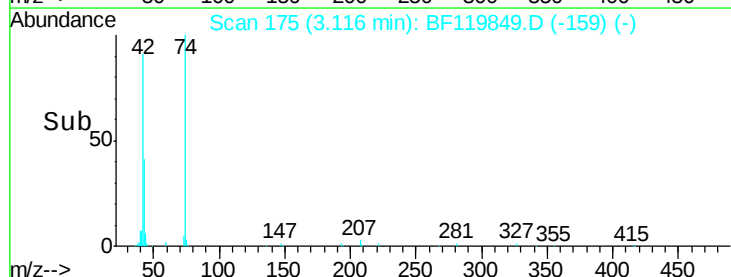
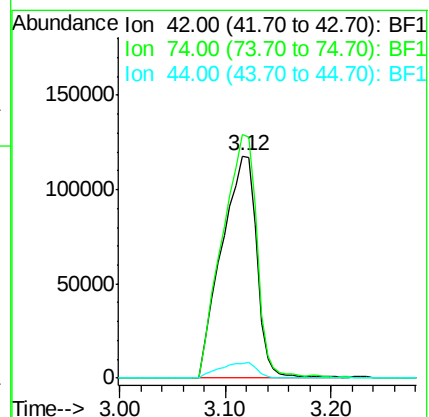
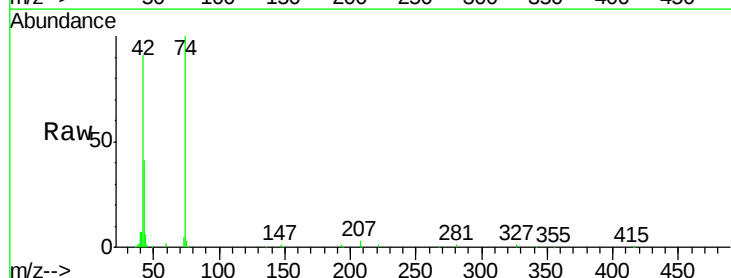
Tgt Ion: 42 Resp: 269940

Ion Ratio Lower Upper

42 100

74 109.7 89.0 133.4

44 6.8 6.2 9.4





#5

2-Fluorophenol

Concen: 74.803 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampleId :

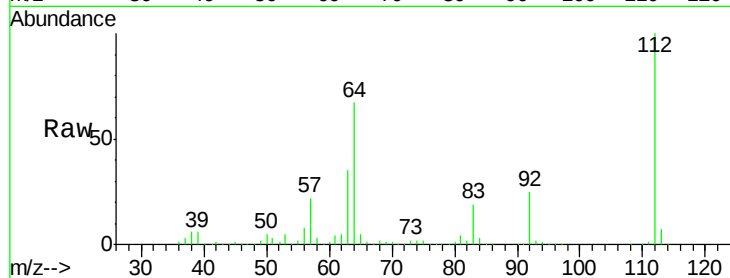
Tot Ion:112 Resp: 908604

Ion Ratio Lower Upper

112 100

64 66.6 55.5 83.3

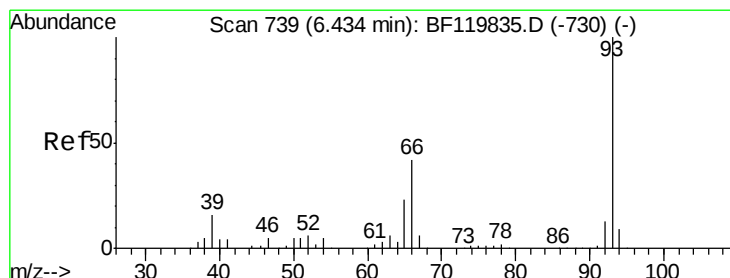
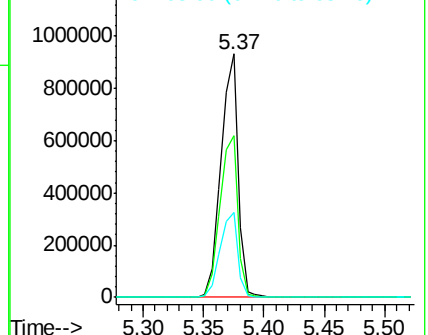
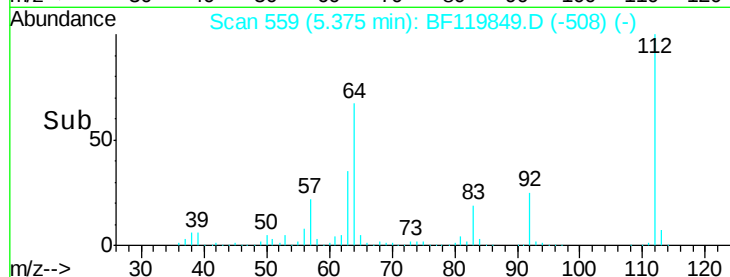
63 35.0 29.1 43.7



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: 39.252 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

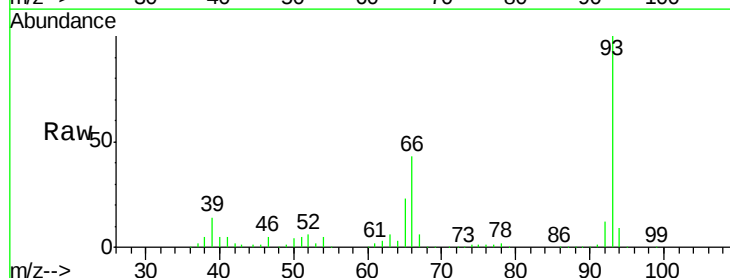
Tgt Ion: 93 Resp: 806345

Ion Ratio Lower Upper

93 100

66 42.9 34.2 51.2

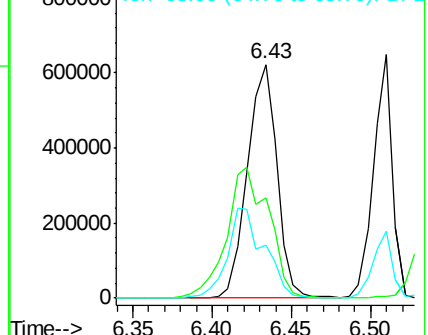
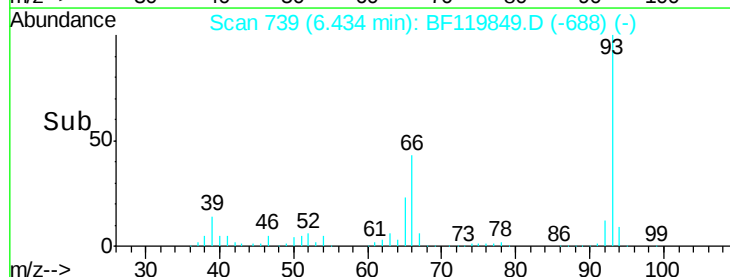
65 22.6 18.3 27.5



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: 74.914 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampled :

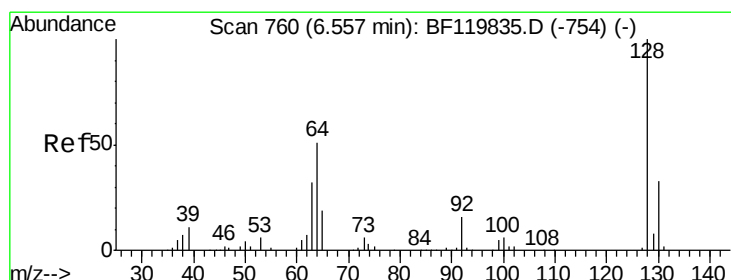
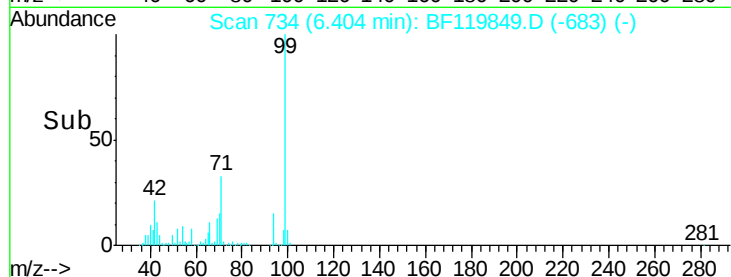
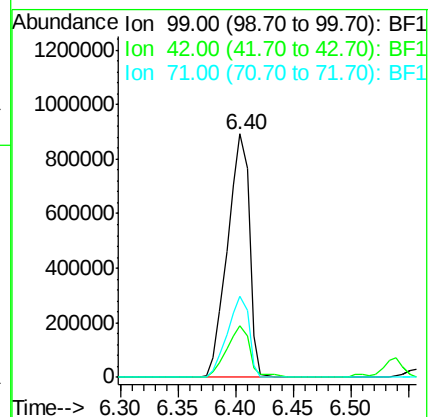
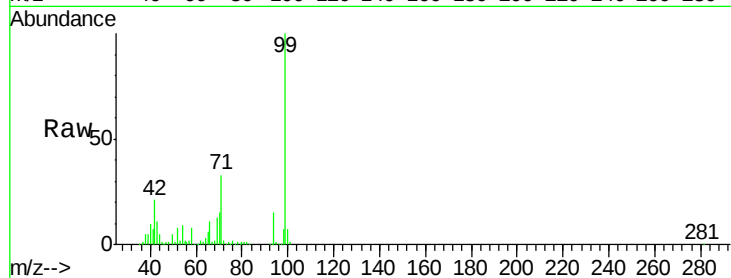
Tot Ion: 99 Resp: 1172524

Ion Ratio Lower Upper

99 100

42 21.1 16.9 25.3

71 33.4 26.3 39.5



#8

2-Chlorophenol

Concen: 39.272 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

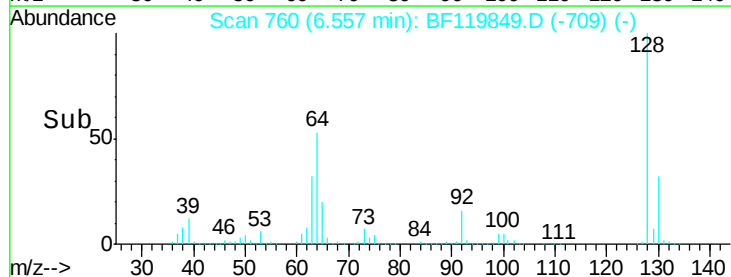
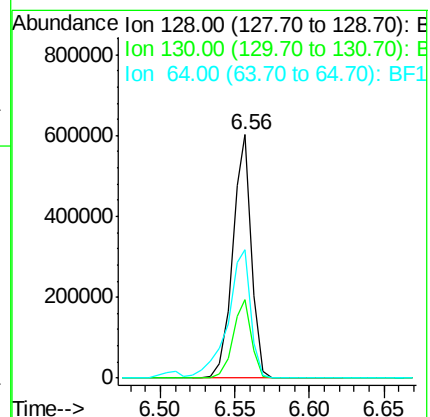
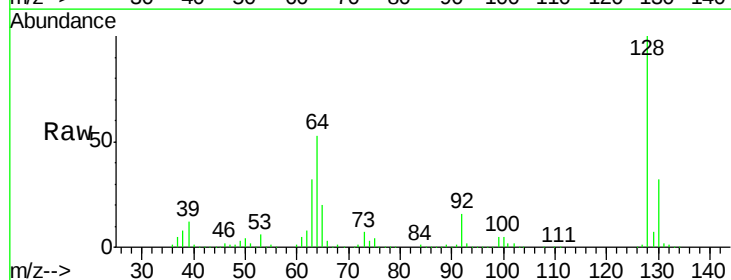
Tgt Ion: 128 Resp: 532996

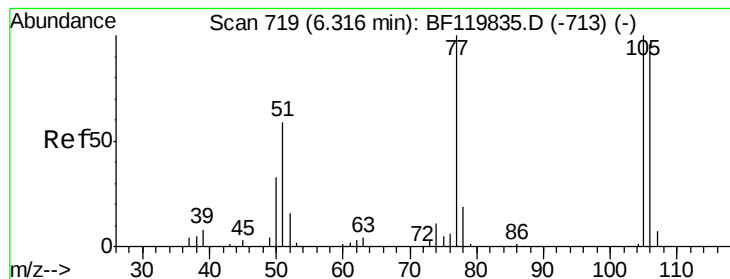
Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

64 53.0 32.0 72.0





#9

Benzaldehyde

Concen: 37.260 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

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BNA_F

ClientSampleId :

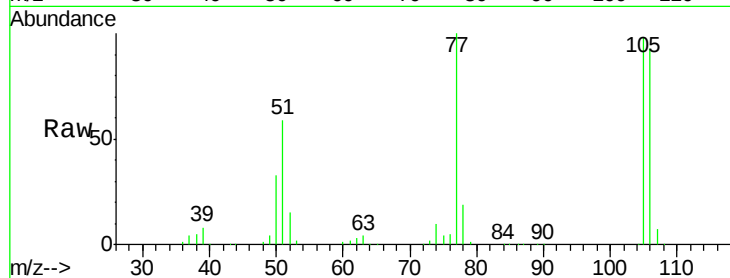
Tot Ion: 77 Resp: 322190

Ion Ratio Lower Upper

77 100

105 98.0 79.9 119.9

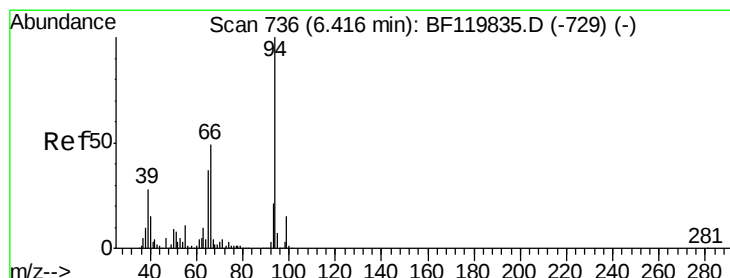
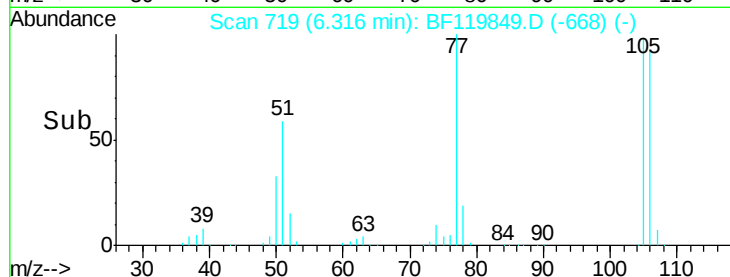
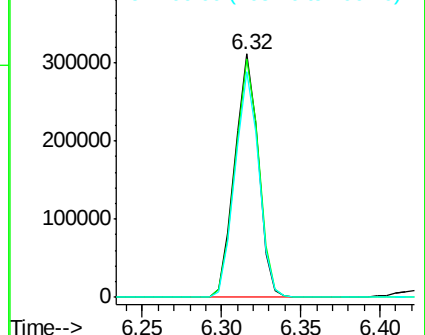
106 92.6 76.4 116.4



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: 38.860 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

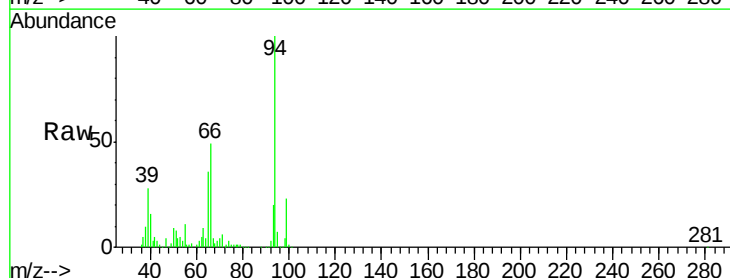
Tgt Ion: 94 Resp: 690017

Ion Ratio Lower Upper

94 100

65 35.9 16.6 56.6

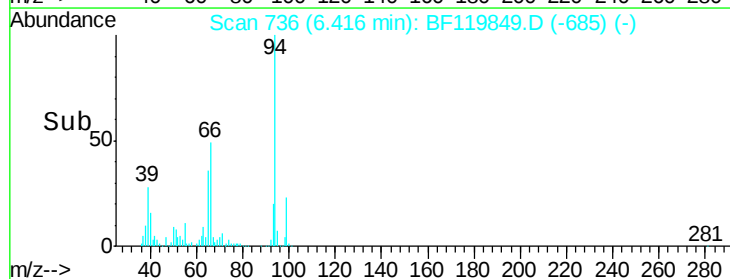
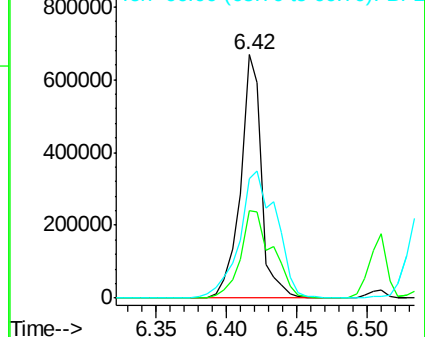
66 48.9 29.3 69.3

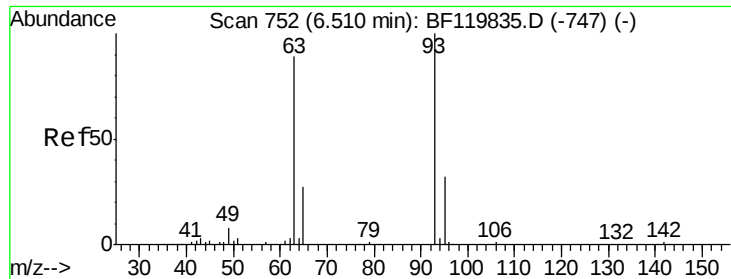


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.233 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampleId :

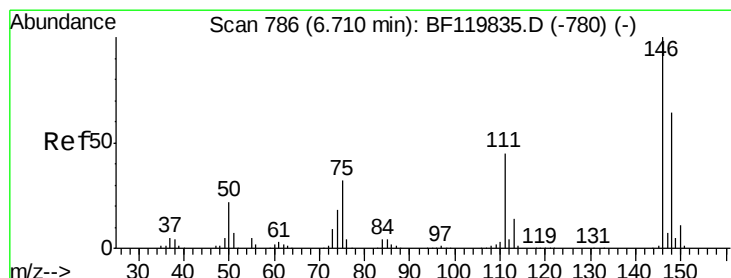
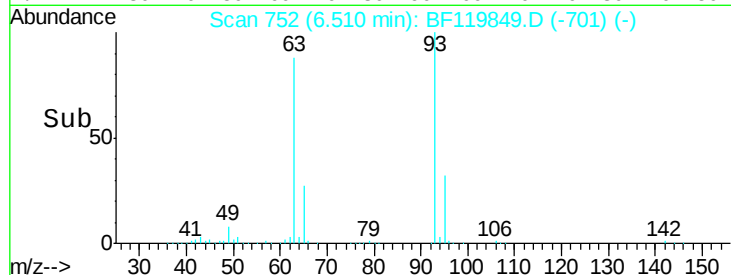
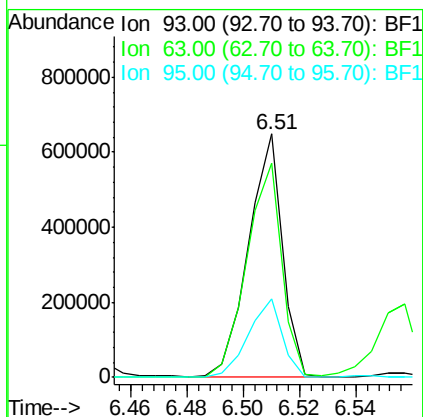
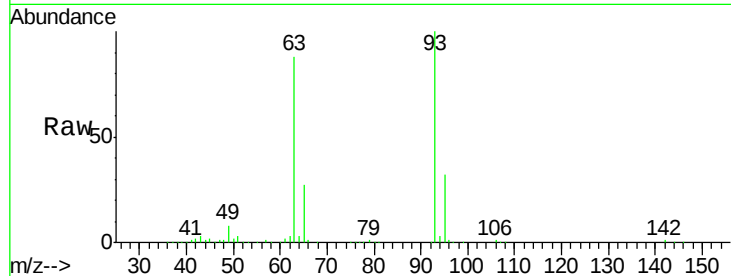
Tot Ion: 93 Resp: 537895

Ion Ratio Lower Upper

93 100

63 88.0 69.1 109.1

95 32.5 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 38.464 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

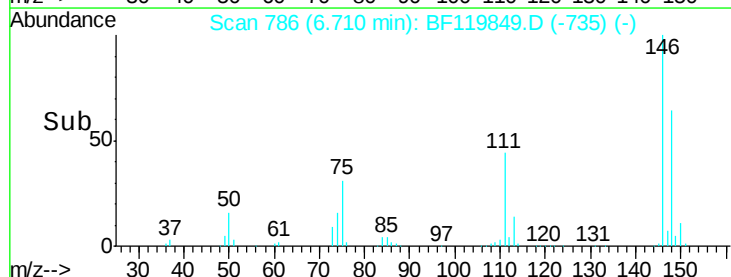
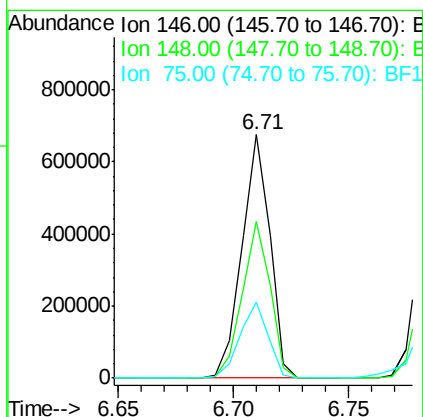
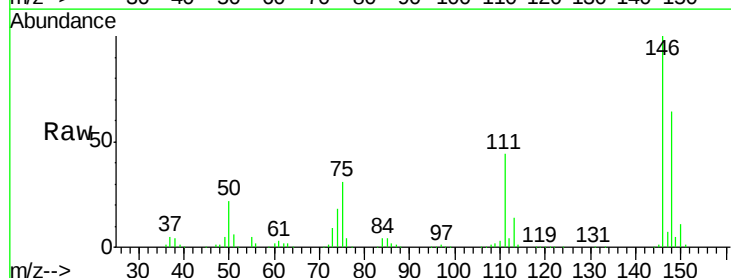
Tgt Ion: 146 Resp: 571509

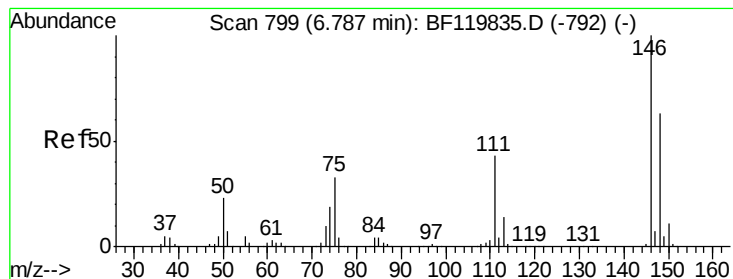
Ion Ratio Lower Upper

146 100

148 64.3 51.3 76.9

75 31.4 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 37.783 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampled :

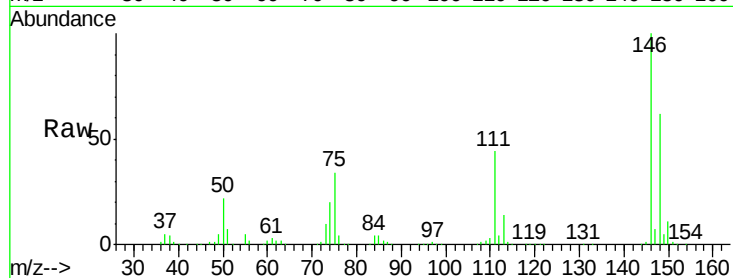
Tot Ion:146 Resp: 571871

Ion Ratio Lower Upper

146 100

148 62.3 50.5 75.7

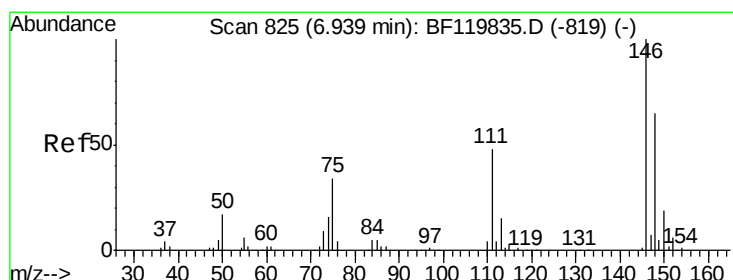
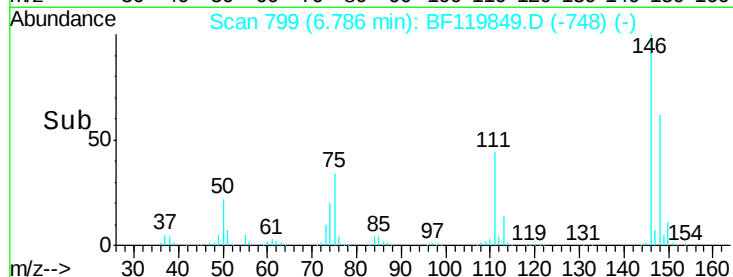
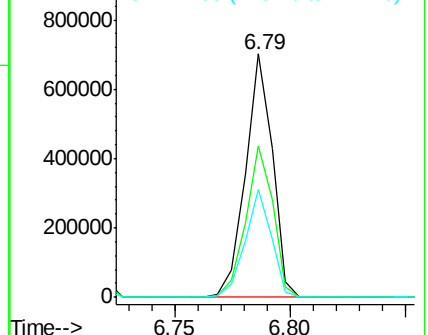
111 44.2 34.7 52.1



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: 37.090 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

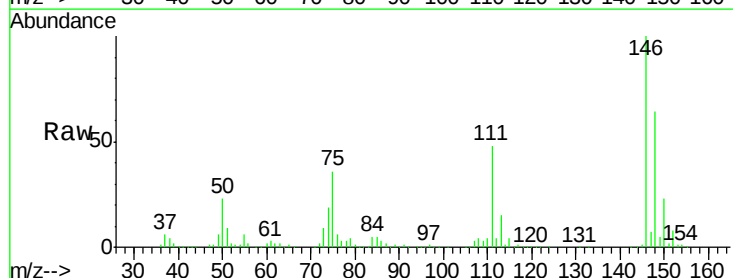
Tgt Ion:146 Resp: 517355

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

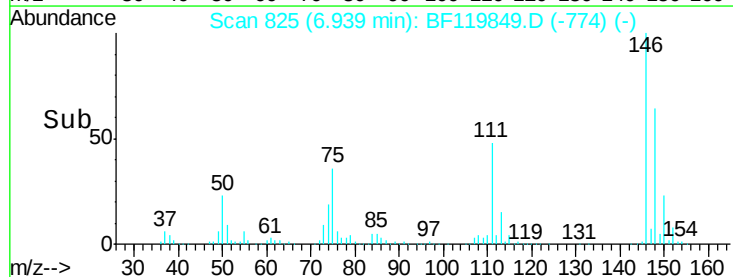
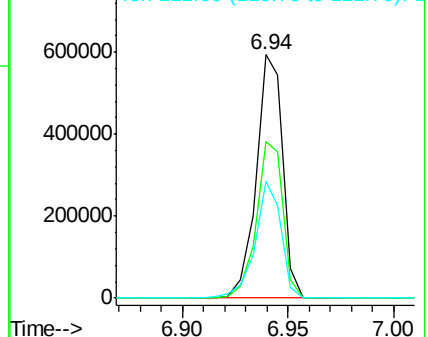
111 47.8 38.0 57.0

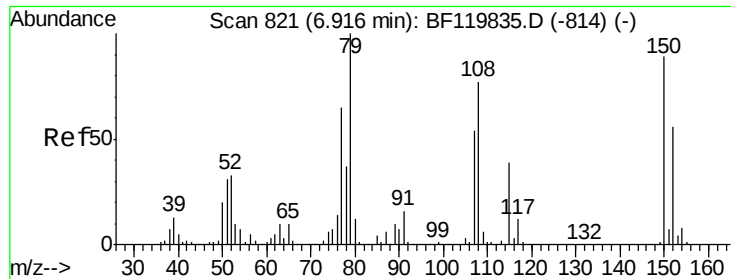


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

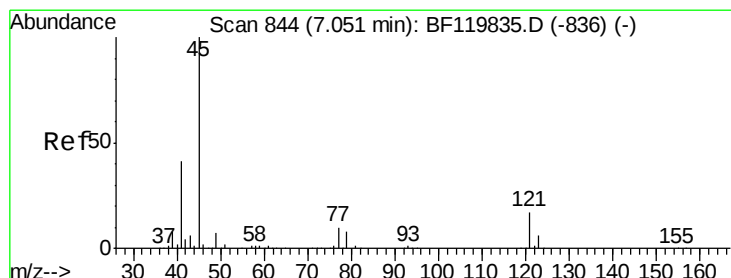
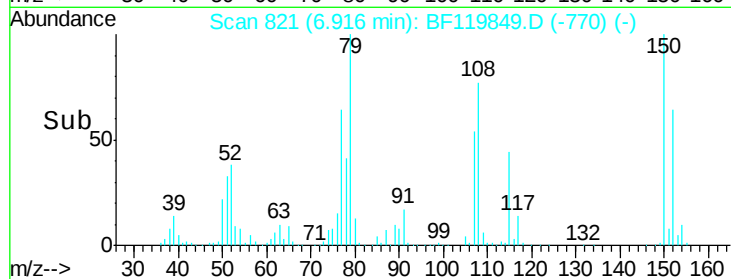
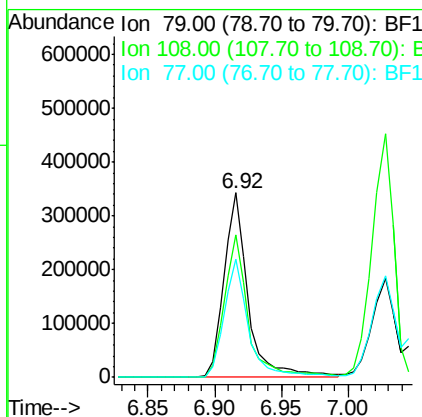
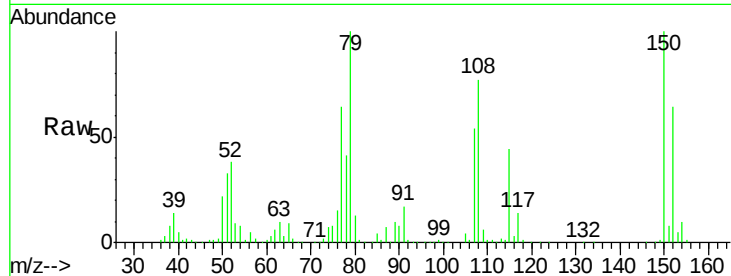




#15
Benzvl Alcohol
Concen: 36.155 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

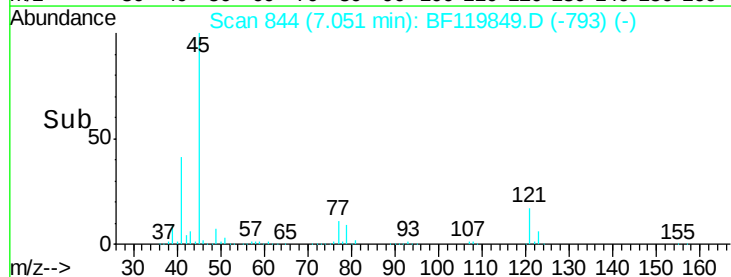
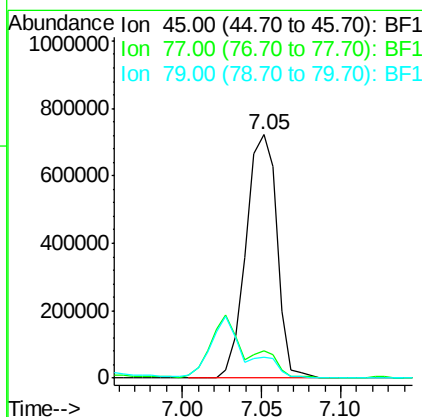
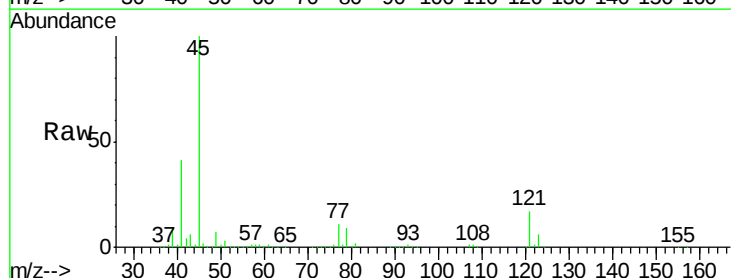
Instrument :
BNA_F
ClientSampled :

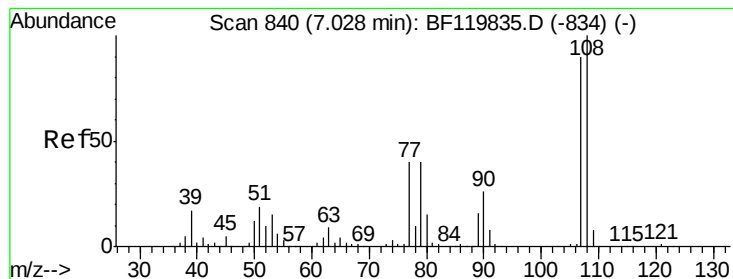
Tot Ion: 79 Resp: 439520
Ion Ratio Lower Upper
79 100
108 77.2 62.0 93.0
77 64.2 51.8 77.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.690 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion: 45 Resp: 978851
Ion Ratio Lower Upper
45 100
77 11.0 0.0 30.7
79 8.5 0.0 28.6





#17

2-Methylphenol

Concen: 35.948 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 435394

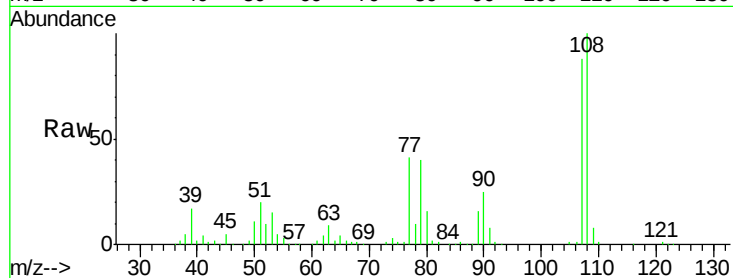
Ion Ratio Lower Upper

107 100

108 113.4 88.8 133.2

77 47.0 36.0 54.0

79 45.9 35.7 53.5

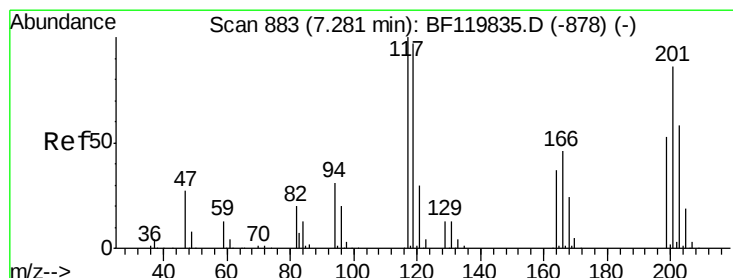
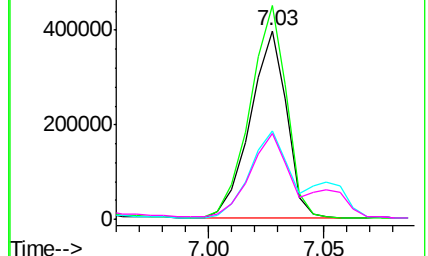
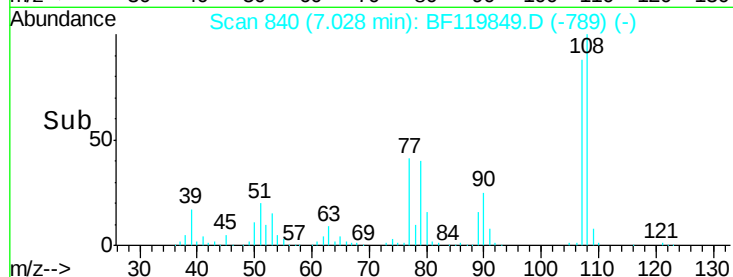


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.133 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

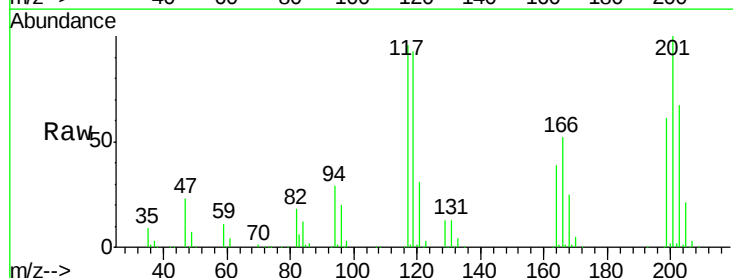
Tgt Ion:117 Resp: 204388

Ion Ratio Lower Upper

117 100

119 96.1 77.4 116.0

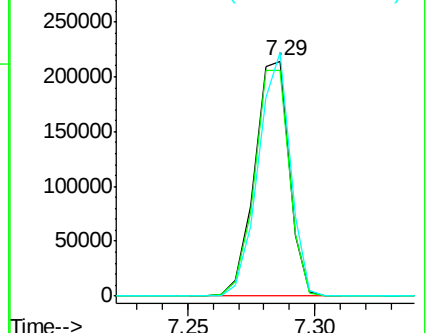
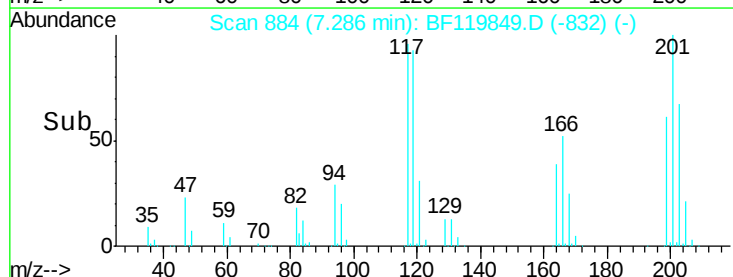
201 103.6 68.4 102.6#

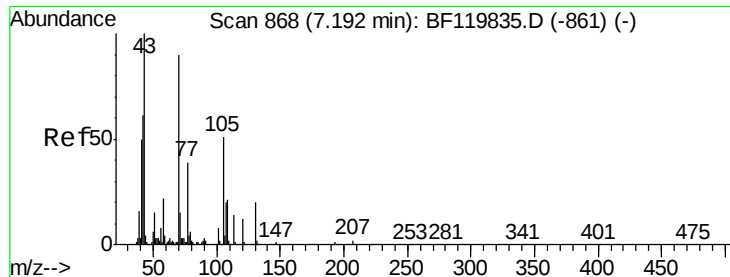


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

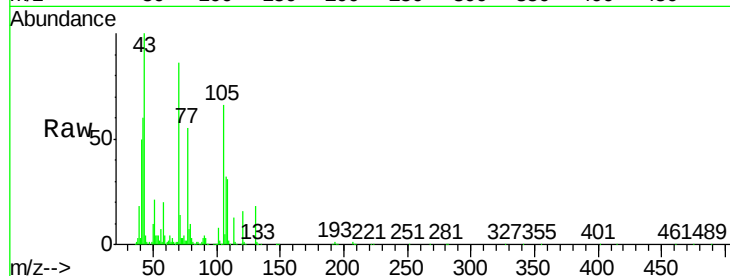




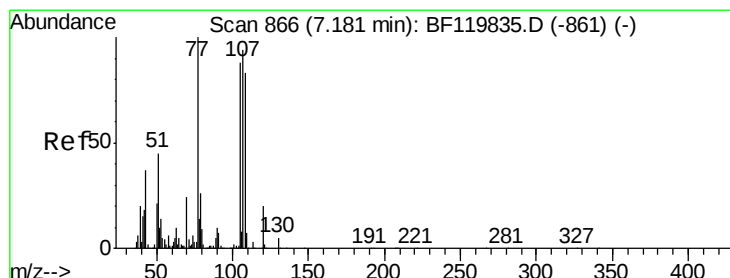
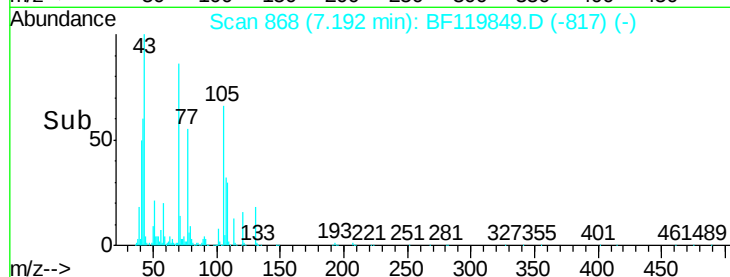
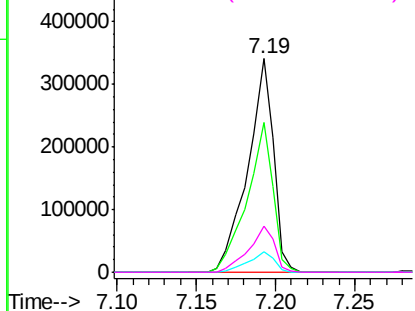
#19
n-Nitroso-di-n-propylamine
Concen: 38.066 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 383128
Ion Ratio Lower Upper
70 100
42 70.0 54.2 81.4
101 9.7 7.4 11.2
130 21.4 17.8 26.6

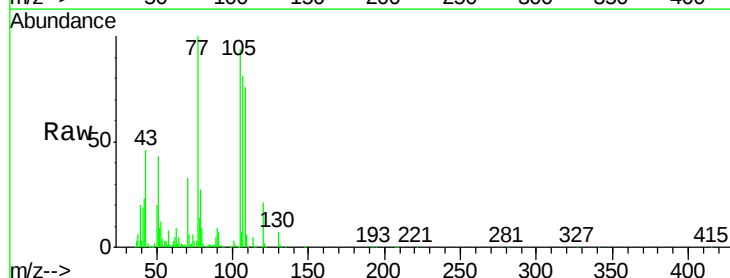


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

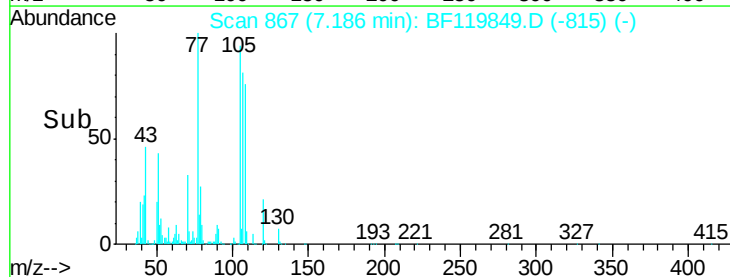
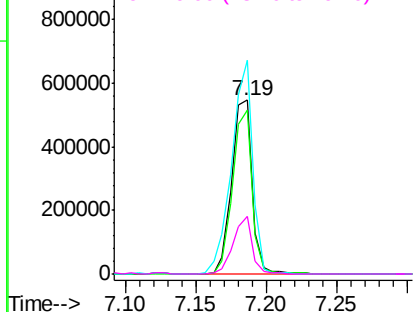


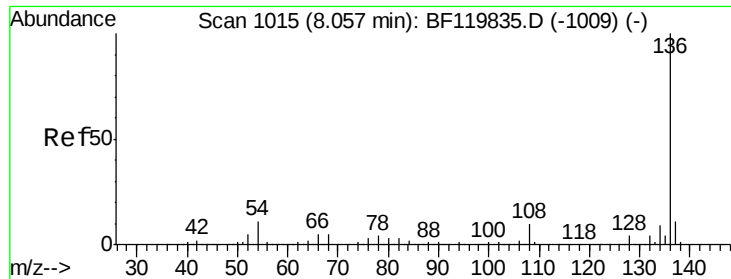
#20
3+4-Methylphenols
Concen: 37.281 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion: 107 Resp: 552245
Ion Ratio Lower Upper
107 100
108 94.0 68.2 108.2
77 122.9 86.6 126.6
79 33.0 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

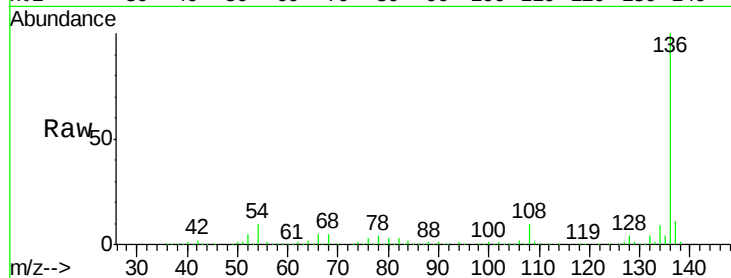




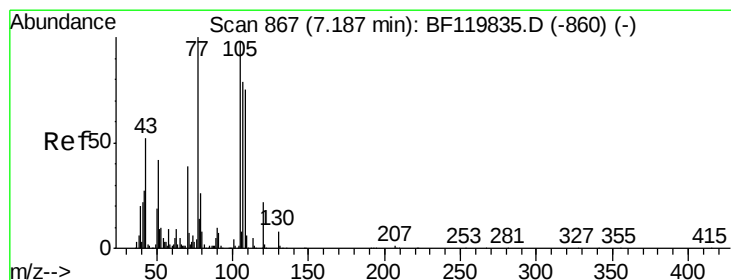
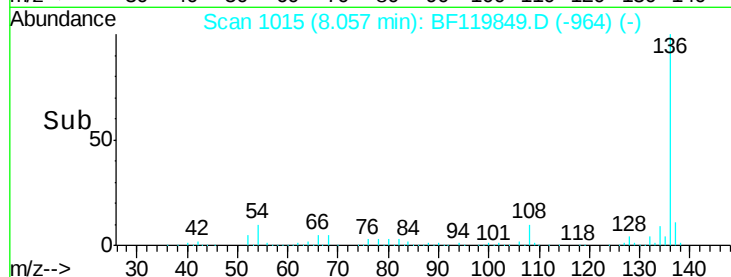
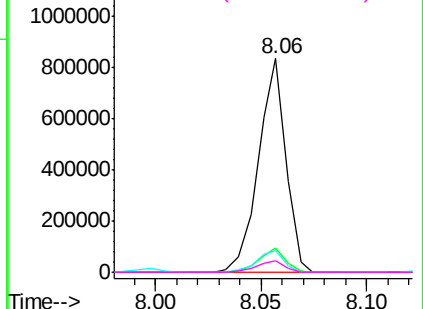
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	752332
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.7 13.1
54	9.9	8.5 12.7
68	5.2	3.9 5.9

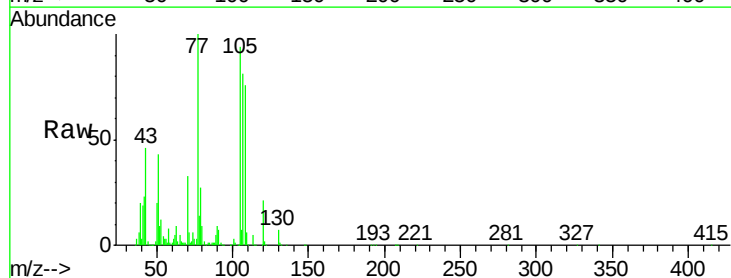


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

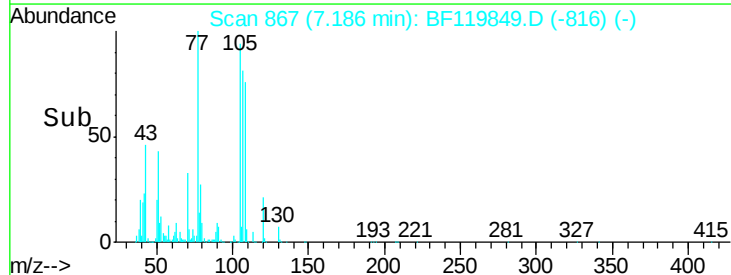
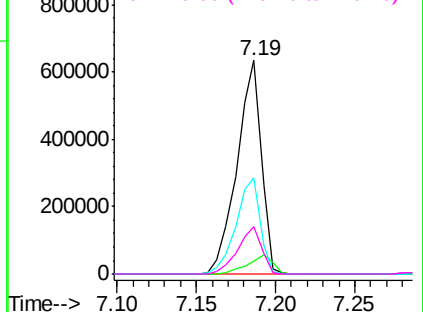


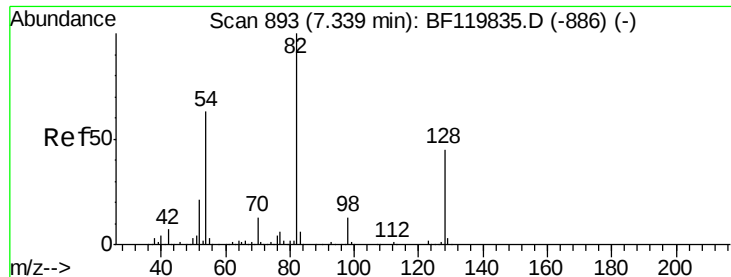
#22
Acetophenone
Concen: 38.084 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion:105	Resp:	670941
Ion Ratio	Lower	Upper
105	100	
71	5.9	5.6 8.4
51	45.1	33.9 50.9
120	22.5	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

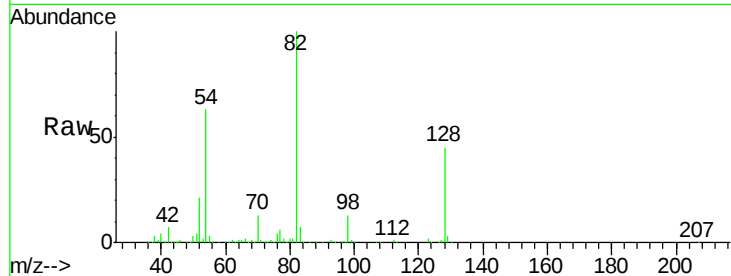




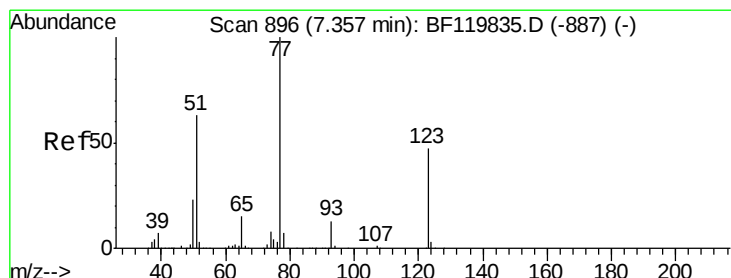
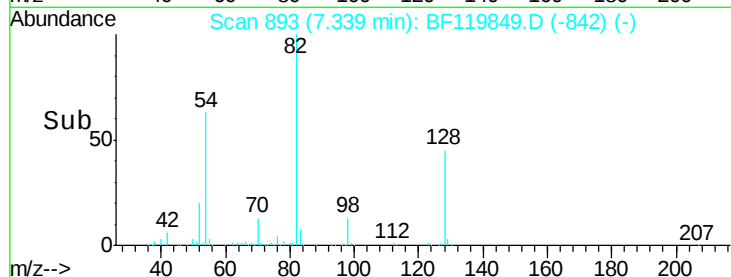
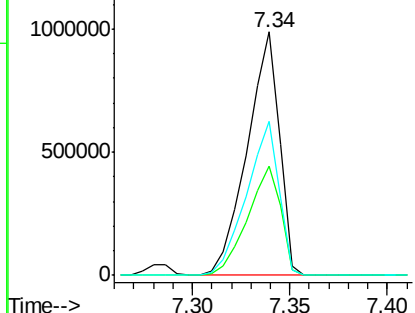
#23
 Nitrobenzene-d5
 Concen: 77.391 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1125454
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.2 54.4
 54 63.3 50.4 75.6

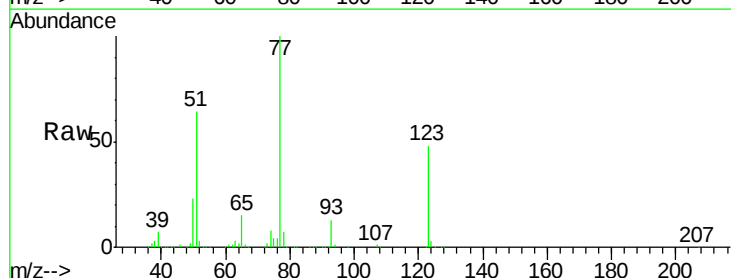


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

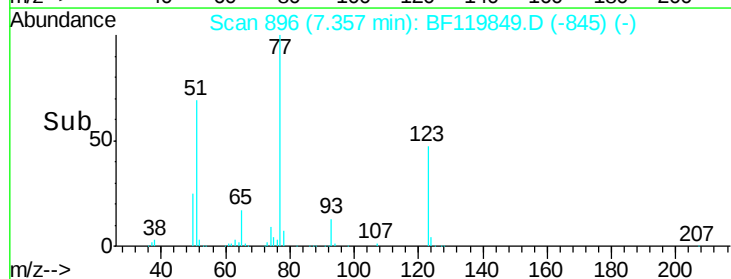
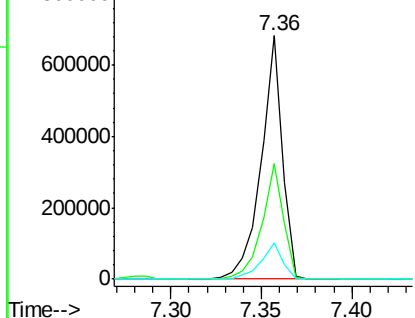


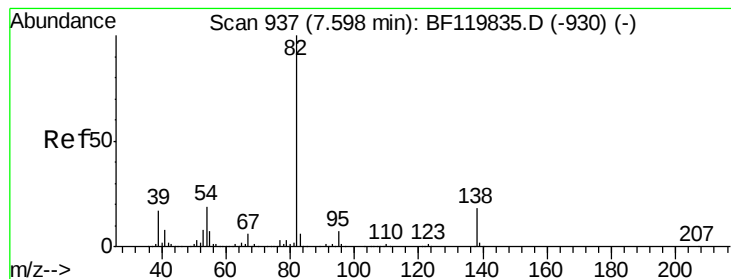
#24
 Nitrobenzene
 Concen: 38.087 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion: 77 Resp: 557180
 Ion Ratio Lower Upper
 77 100
 123 47.5 37.8 56.8
 65 15.1 12.2 18.2



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





#25

Isophorone

Concen: 38.267 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampleId :

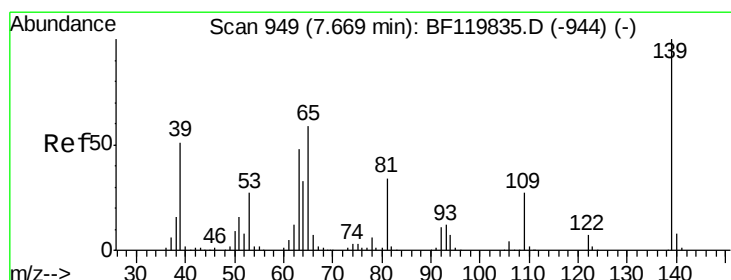
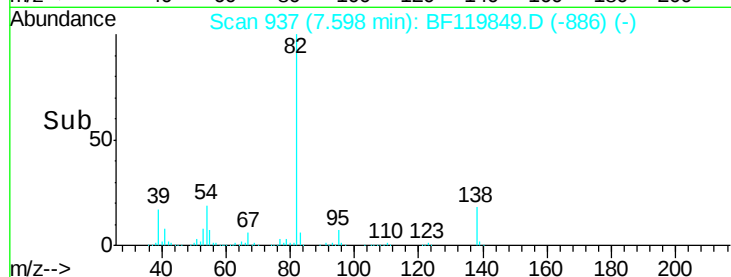
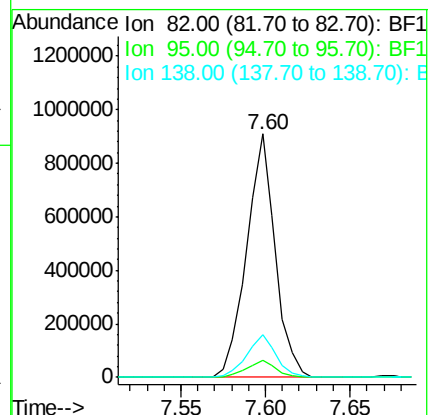
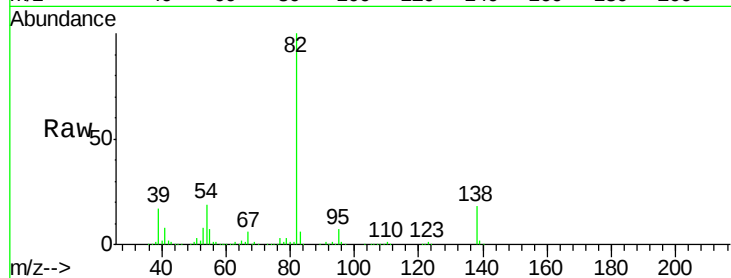
Tot Ion: 82 Resp: 1072747

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

138 17.7 14.5 21.7



#26

2-Nitrophenol

Concen: 40.758 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

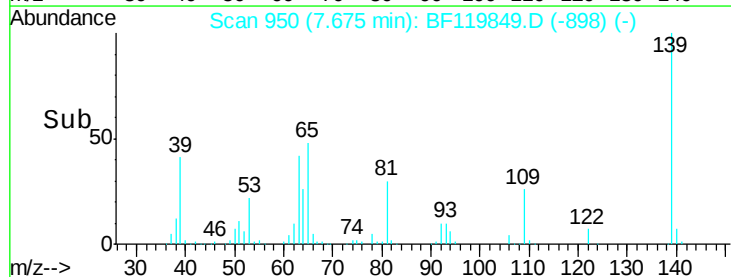
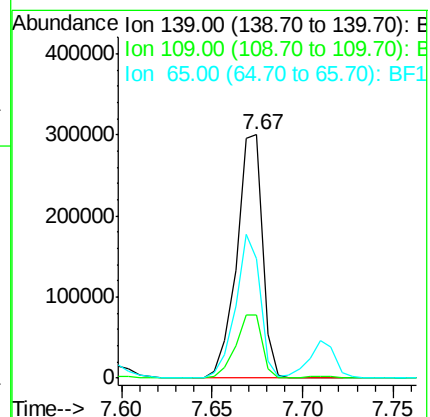
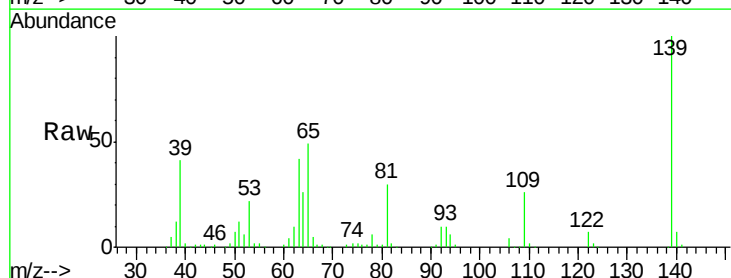
Tgt Ion: 139 Resp: 297886

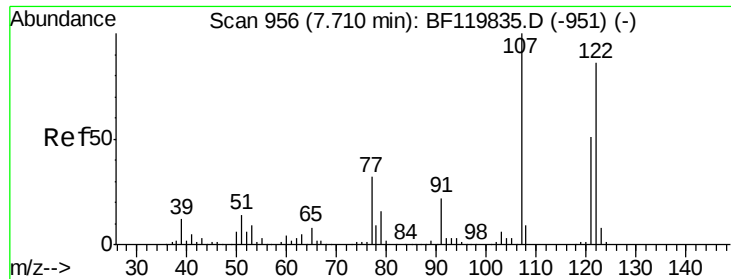
Ion Ratio Lower Upper

139 100

109 26.0 21.8 32.6

65 48.8 47.0 70.4

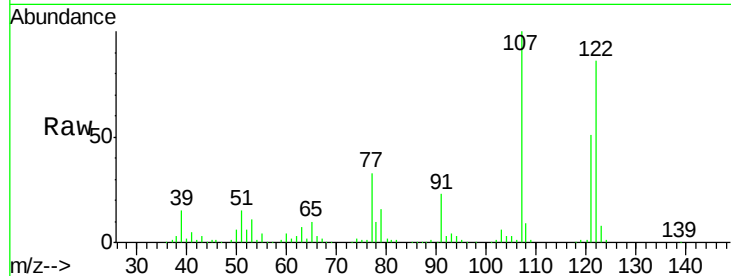




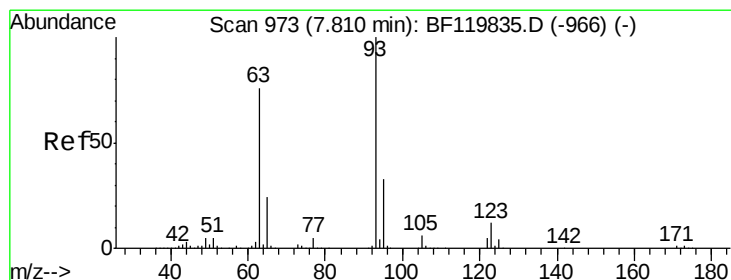
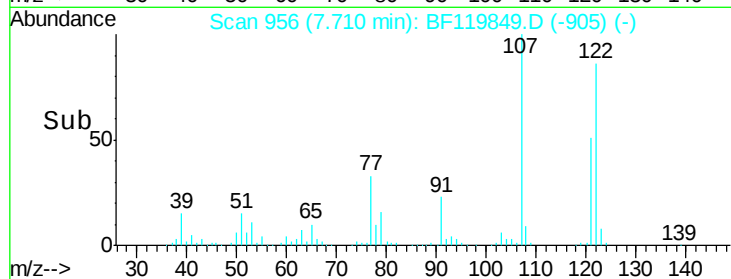
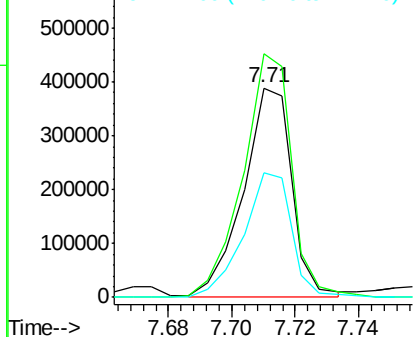
#27
 2,4-Dimethylphenol
 Concen: 37.615 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 414626
 Ion Ratio Lower Upper
 122 100
 107 116.1 92.3 138.5
 121 59.7 46.6 70.0

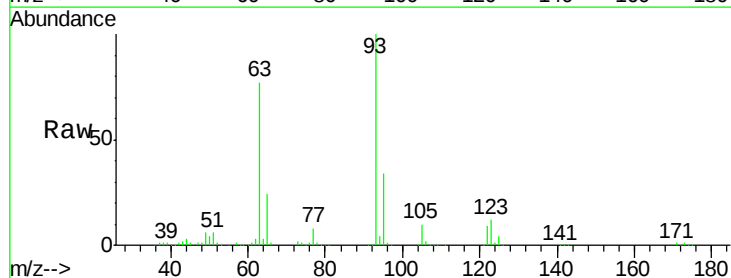


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

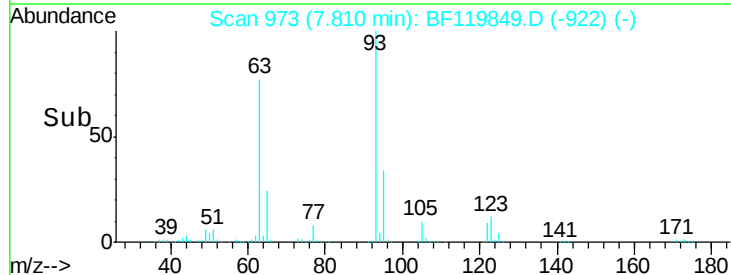
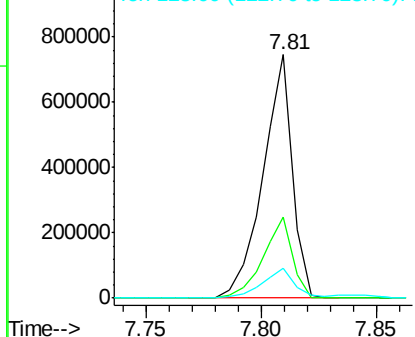


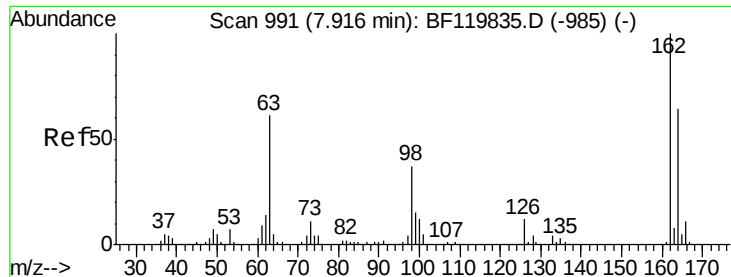
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.989 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion: 93 Resp: 659666
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.4 39.6
 123 12.2 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

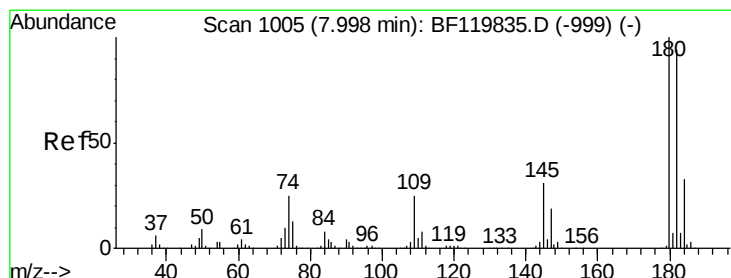
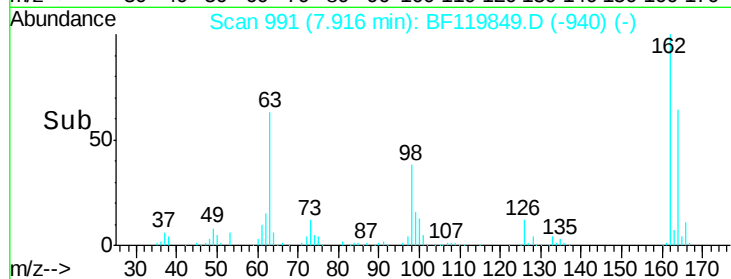
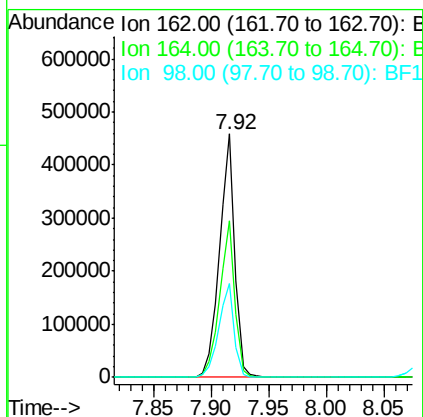
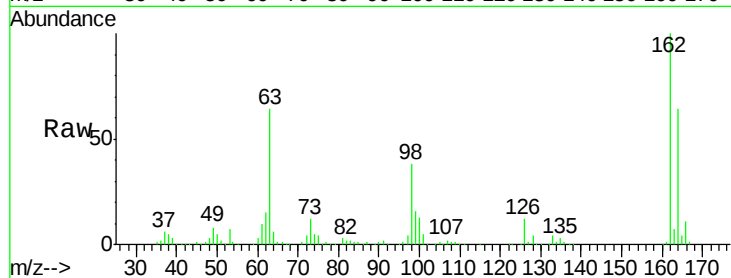




#29
 2,4-Dichlorophenol
 Concen: 37.284 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

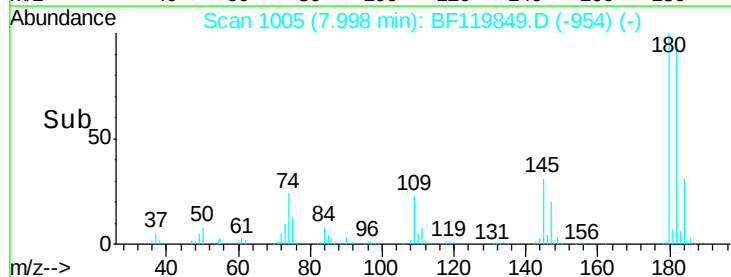
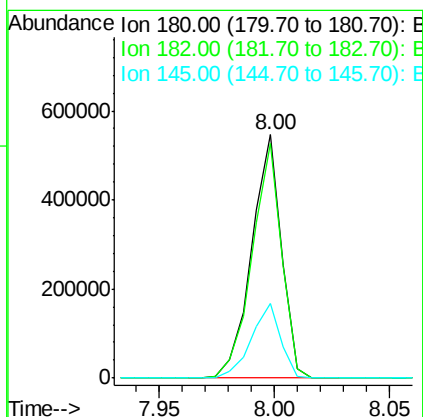
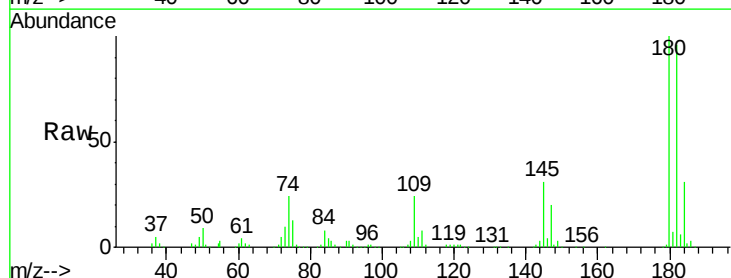
Instrument :
 BNA_F
 ClientSampleId :

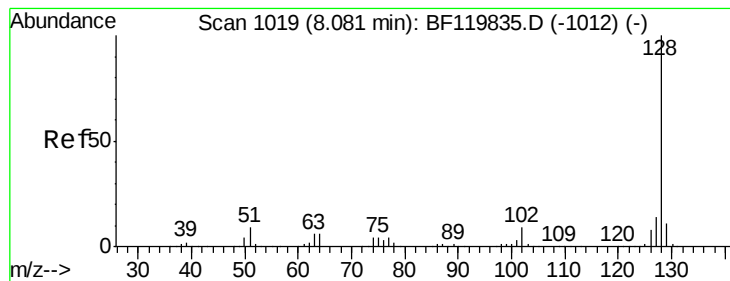
Tot Ion:162 Resp: 421261
 Ion Ratio Lower Upper
 162 100
 164 64.5 44.4 84.4
 98 38.5 17.3 57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 38.372 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion:180 Resp: 491259
 Ion Ratio Lower Upper
 180 100
 182 96.1 75.4 113.0
 145 30.9 24.6 37.0





#31

Naphthalene

Concen: 37.583 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampleId :

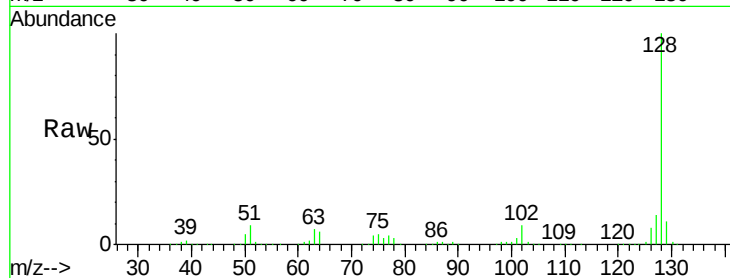
Tot Ion:128 Resp: 1487639

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

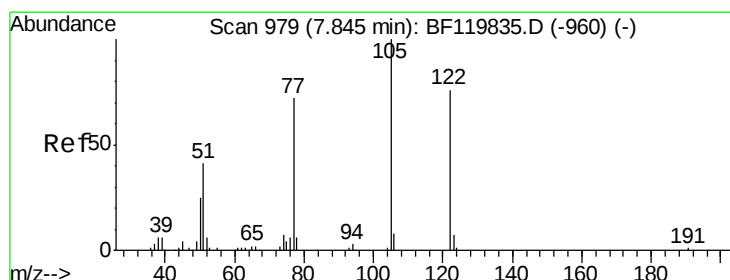
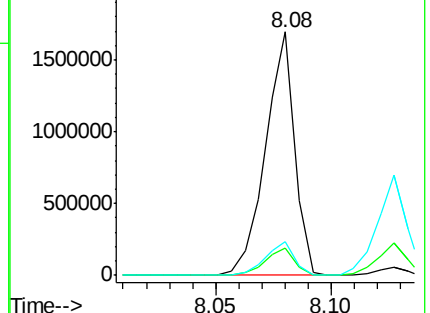
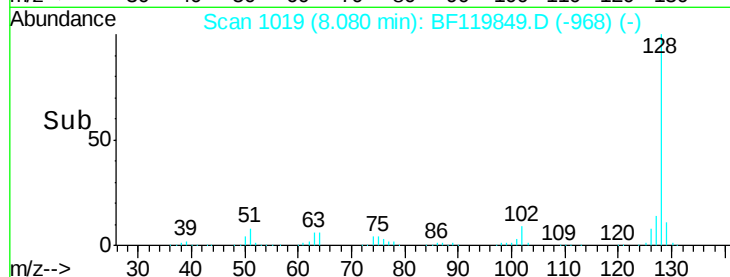
127 13.7 11.0 16.4



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: 37.419 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

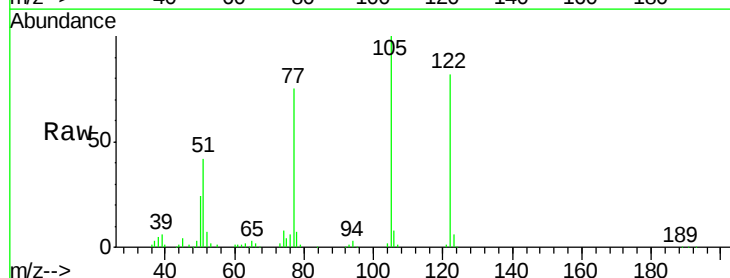
Tgt Ion:122 Resp: 362248

Ion Ratio Lower Upper

122 100

105 121.4 106.7 146.7

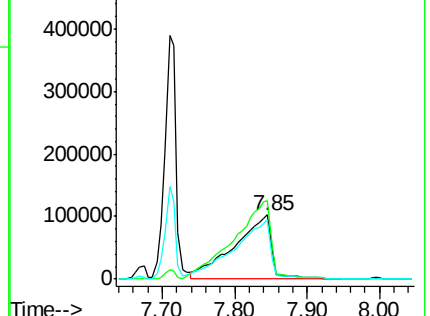
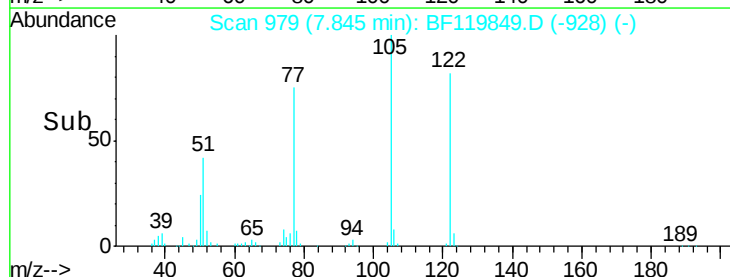
77 91.4 72.1 112.1



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

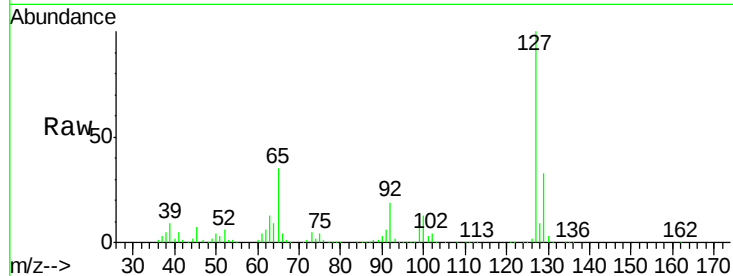




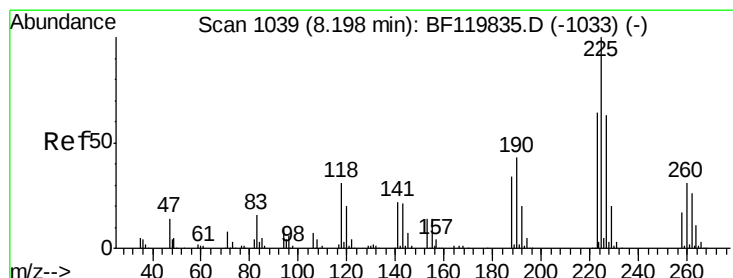
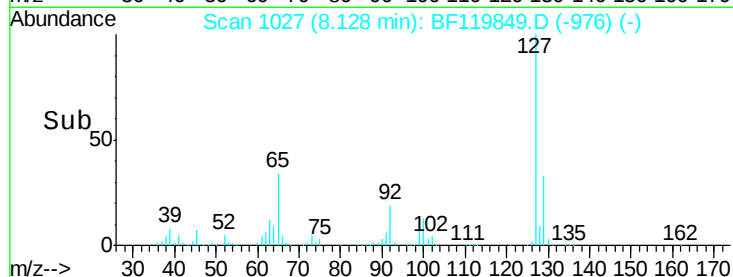
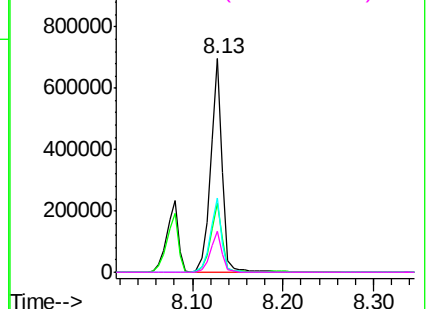
#33
4-Chloroaniline
Concen: 36.189 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	623600
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	34.6	28.3	42.5
92	19.3	15.4	23.2

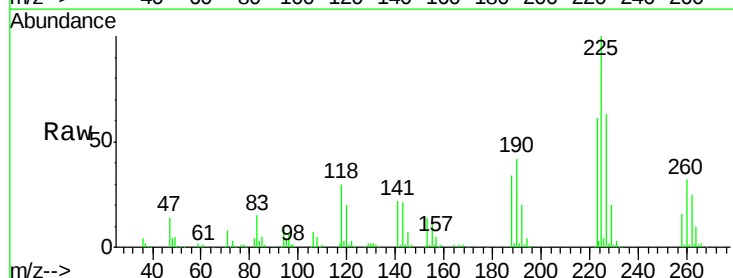


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

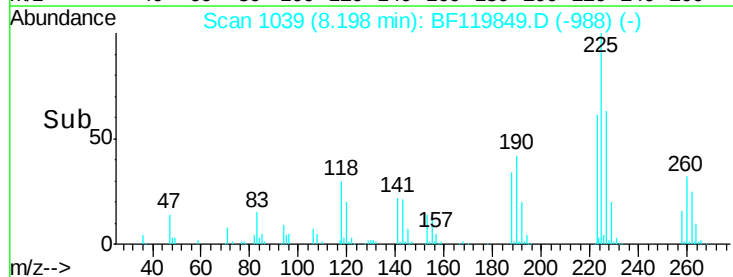
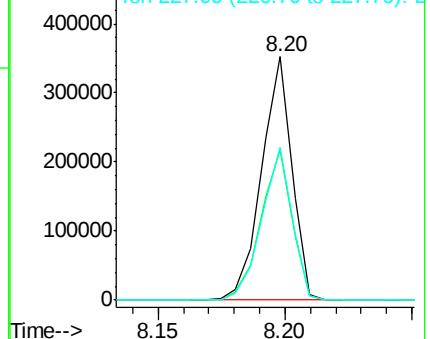


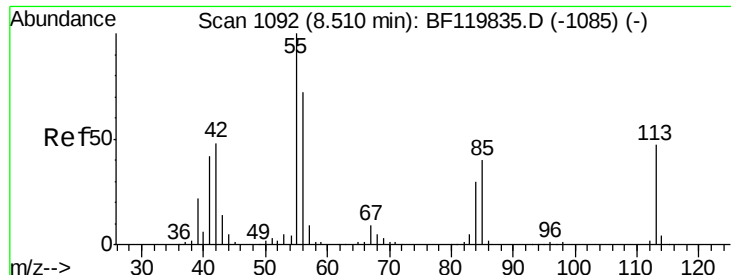
#34
Hexachlorobutadiene
Concen: 38.576 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion:	225	Resp:	295632
Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.0	76.6
227	62.6	50.4	75.6



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

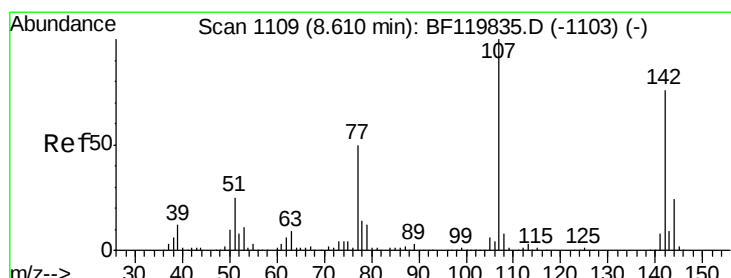
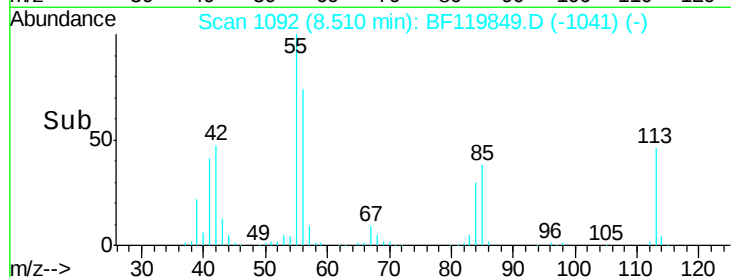
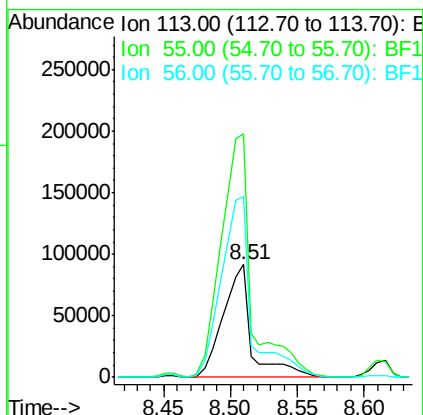
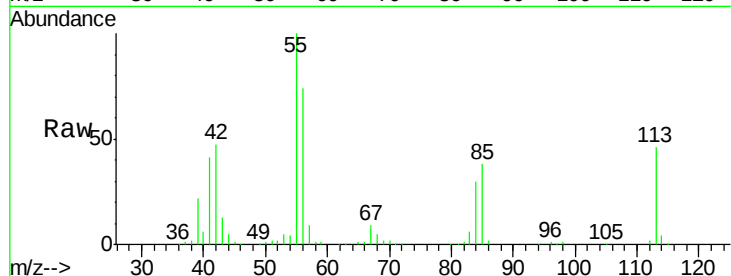




#35
 Caprolactam
 Concen: 39.937 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

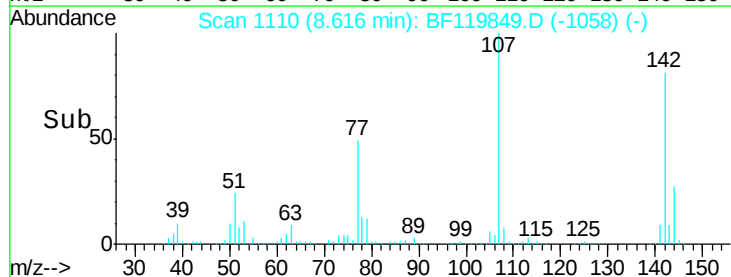
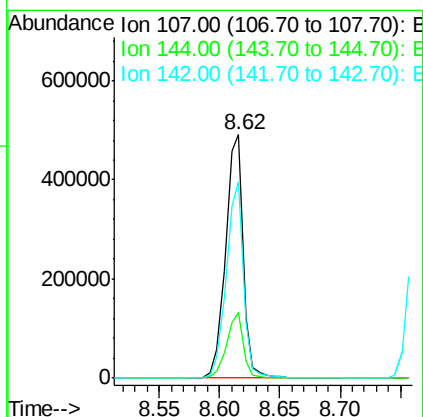
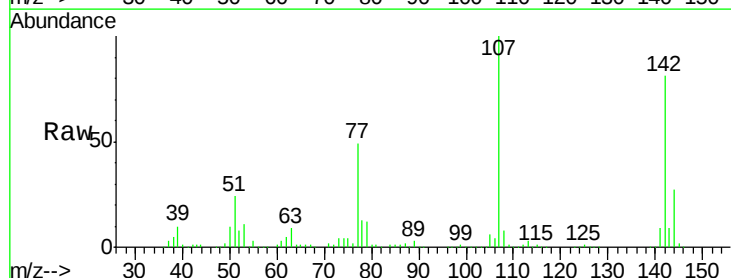
Instrument :
 BNA_F
 ClientSampleId :

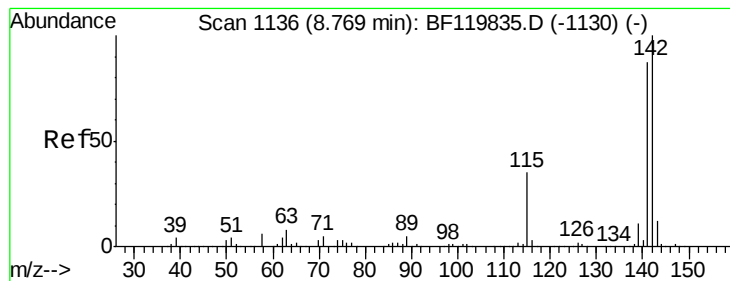
Tot Ion:113 Resp: 138031
 Ion Ratio Lower Upper
 113 100
 55 216.0 192.7 232.7
 56 160.4 133.3 173.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.829 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.01 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion:107 Resp: 499452
 Ion Ratio Lower Upper
 107 100
 144 27.0 19.5 29.3
 142 80.8 60.5 90.7





#37

2-Methylnaphthalene

Concen: 40.250 ng

RT: 8.77 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampleId :

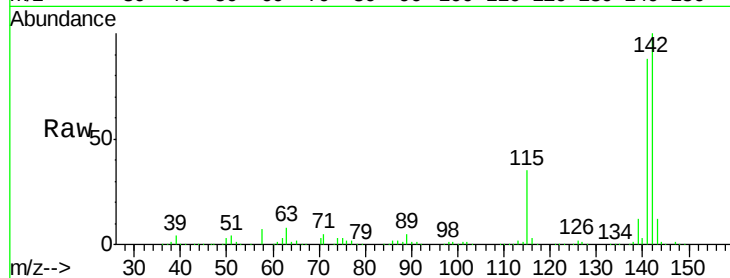
Tot Ion:142 Resp: 1080131

Ion Ratio Lower Upper

142 100

141 88.3 69.9 104.9

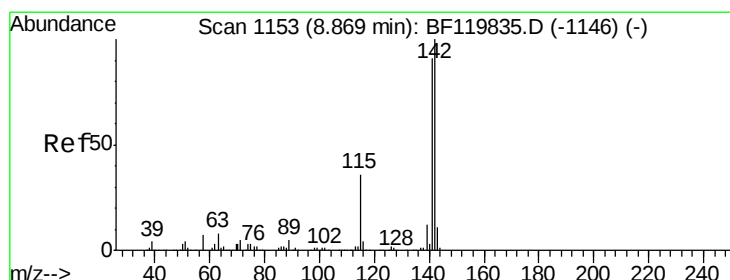
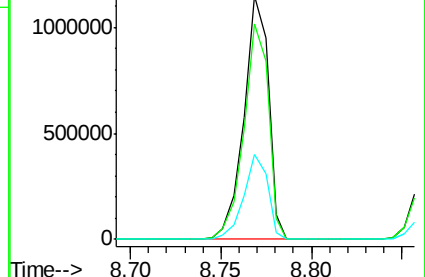
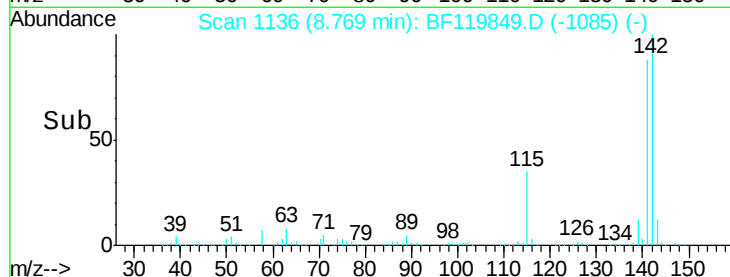
115 35.0 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.011 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

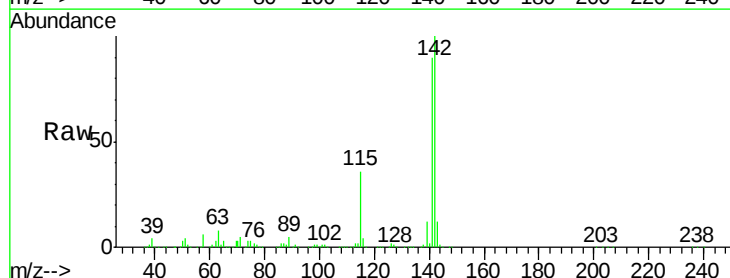
Tgt Ion:142 Resp: 1012024

Ion Ratio Lower Upper

142 100

141 90.3 72.9 109.3

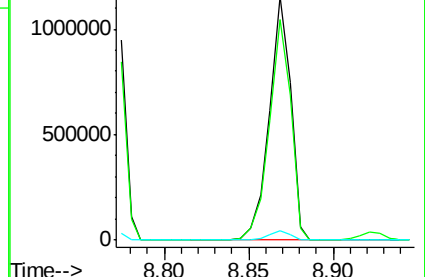
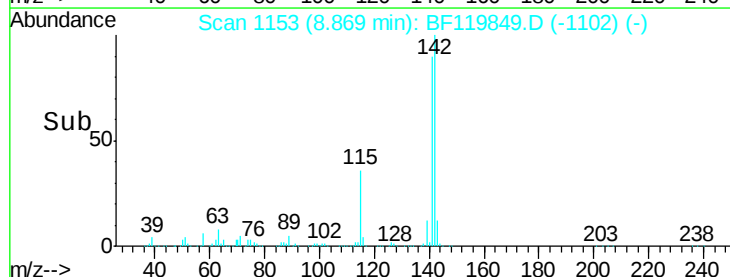
116 4.0 3.0 4.6

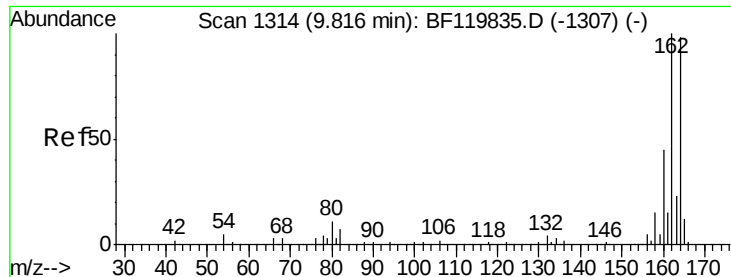


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

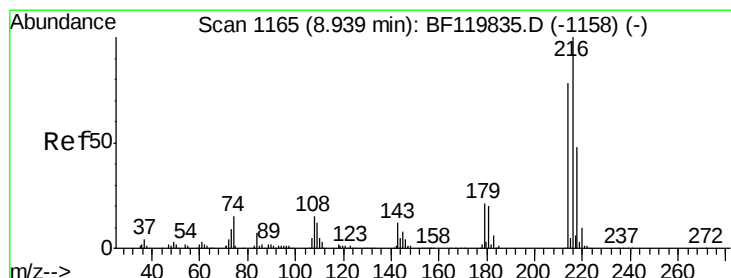
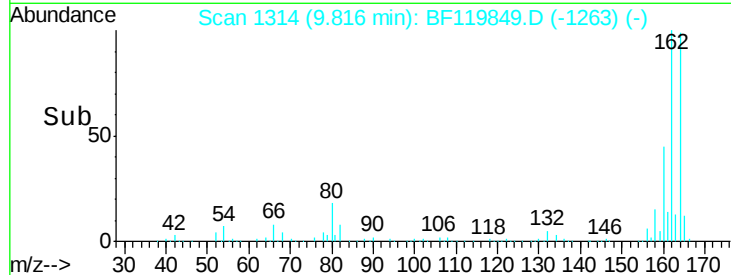
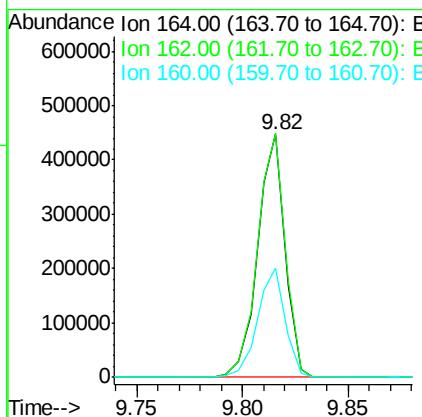
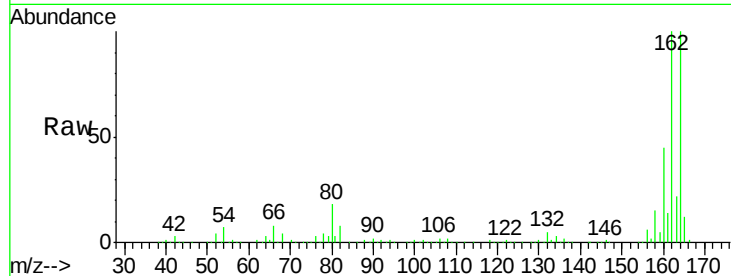




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

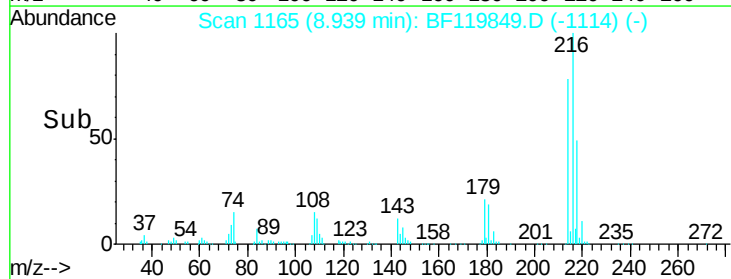
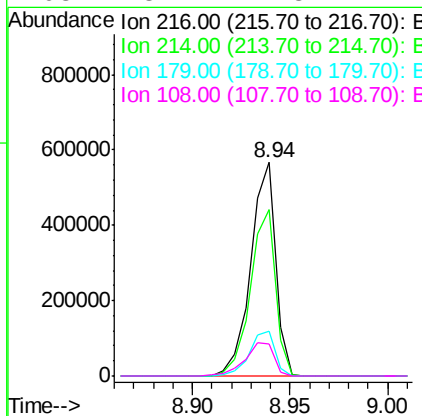
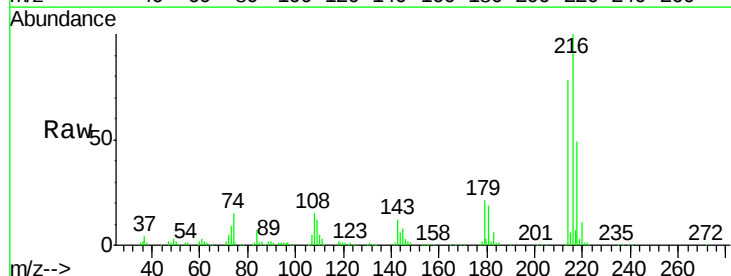
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 402260
 Ion Ratio Lower Upper
 164 100
 162 99.9 81.9 122.9
 160 45.1 36.6 54.8



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.527 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion:216 Resp: 502193
 Ion Ratio Lower Upper
 216 100
 214 78.6 63.1 94.7
 179 21.5 17.0 25.4
 108 18.2 14.8 22.2





#41

Hexachlorocyclopentadiene

Concen: 39.709 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampleId :

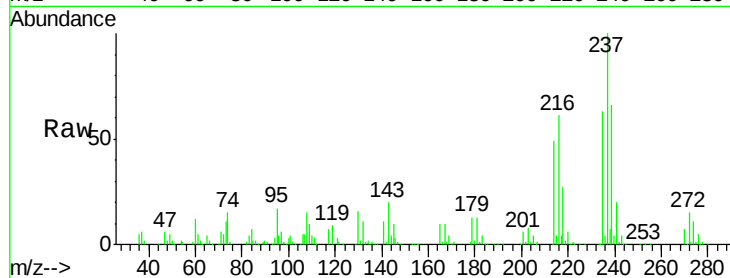
Tot Ion:237 Resp: 286882

Ion Ratio Lower Upper

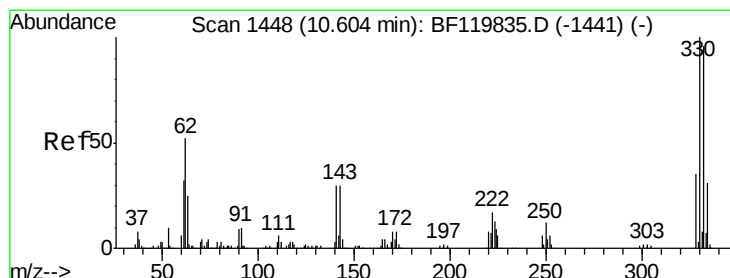
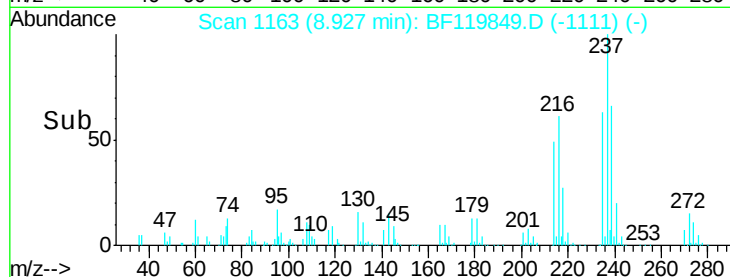
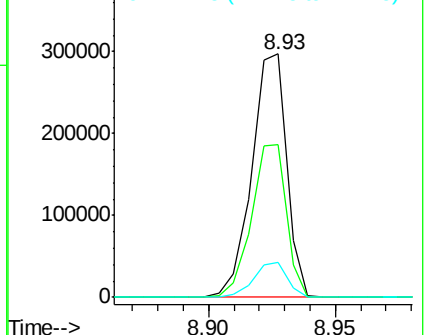
237 100

235 62.7 44.9 84.9

272 14.6 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: 75.725 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

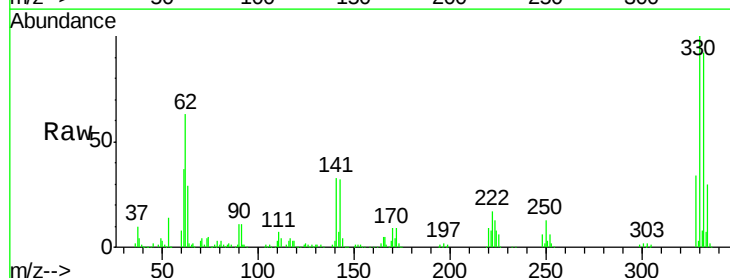
Tgt Ion:330 Resp: 372947

Ion Ratio Lower Upper

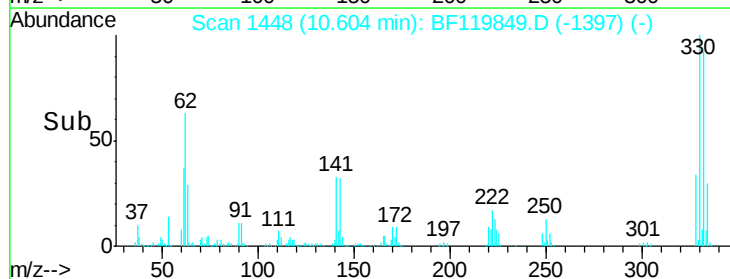
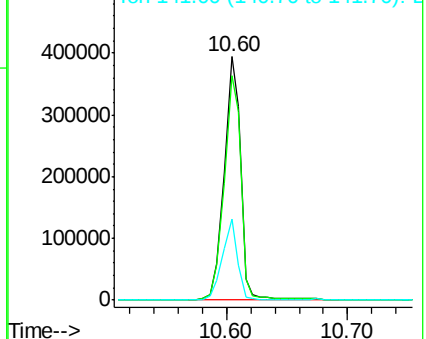
330 100

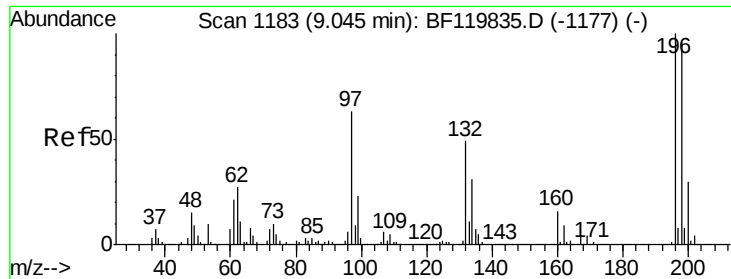
332 94.5 76.8 115.2

141 30.6 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

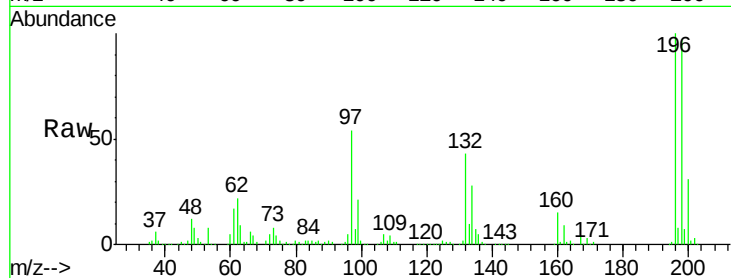




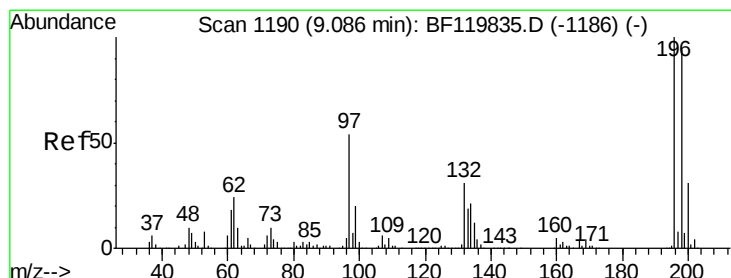
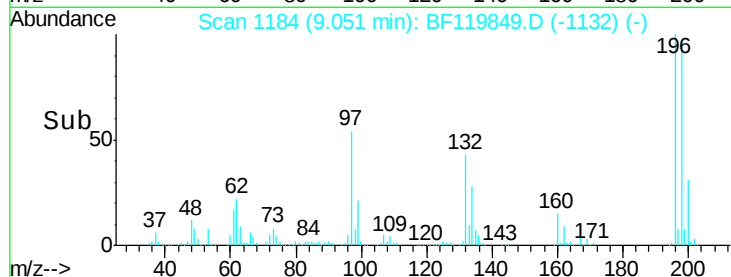
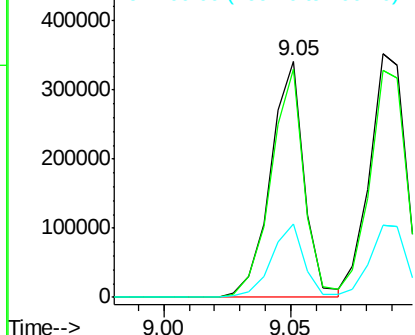
#43
 2,4,6-Trichlorophenol
 Concen: 36.159 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 317241
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.6 115.0
 200 31.3 24.2 36.2



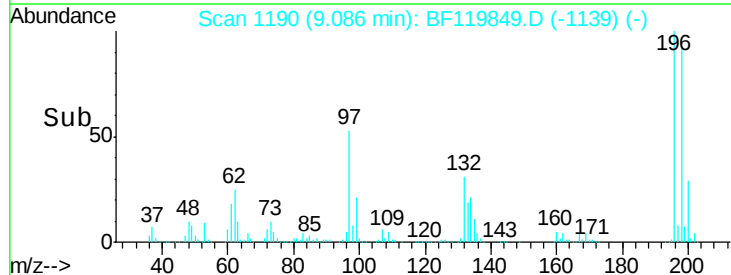
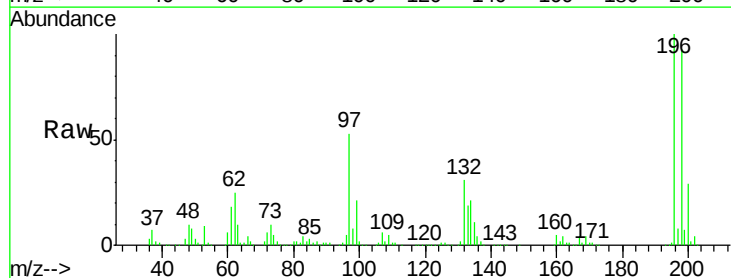
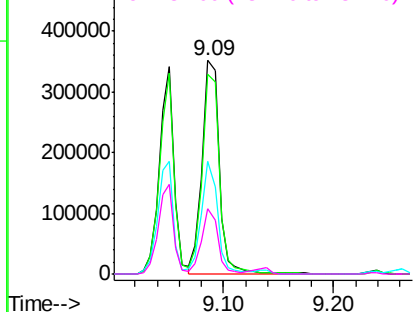
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

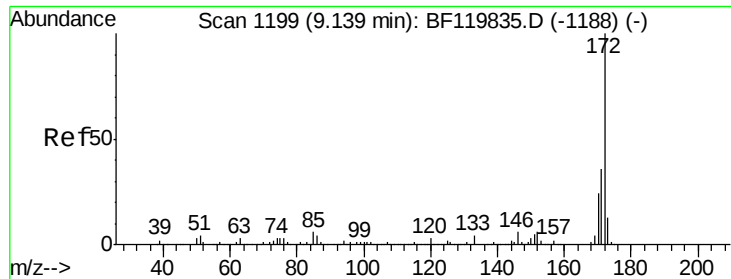


#44
 2,4,5-Trichlorophenol
 Concen: 37.294 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion:196 Resp: 368525
 Ion Ratio Lower Upper
 196 100
 198 93.3 75.1 112.7
 97 52.8 43.4 65.2
 132 30.5 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

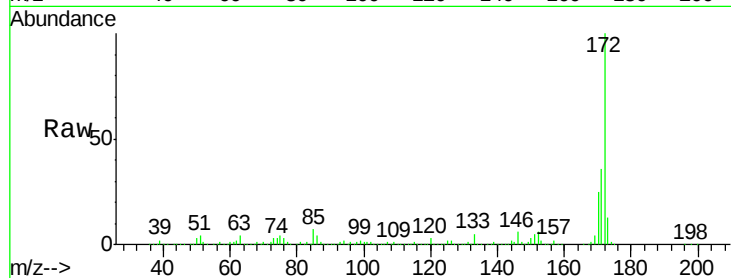




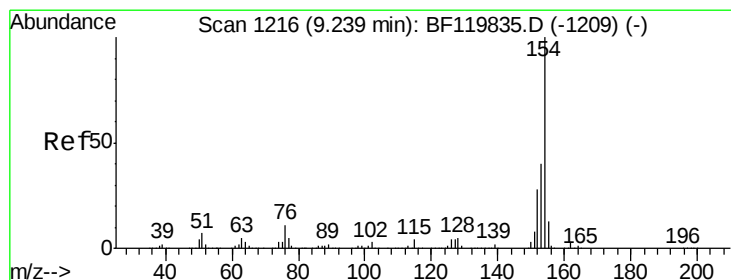
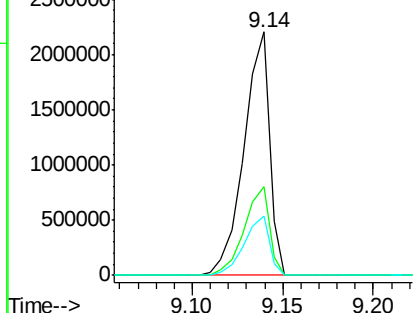
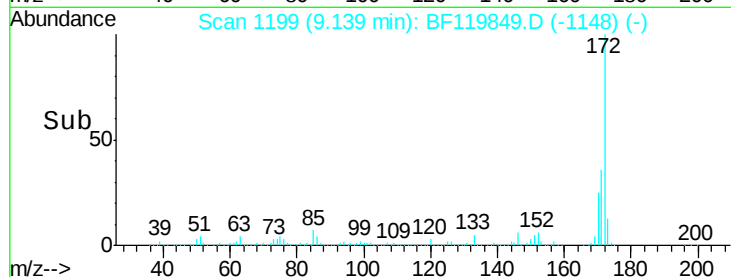
#45
2-Fluorobiphenyl
Concen: 76.159 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2157769
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 24.6 19.4 29.2

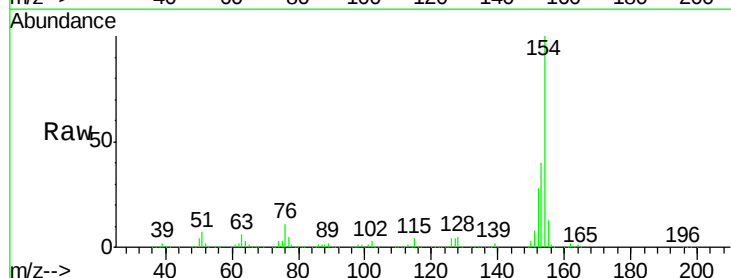


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

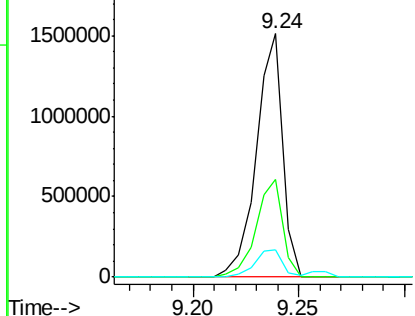
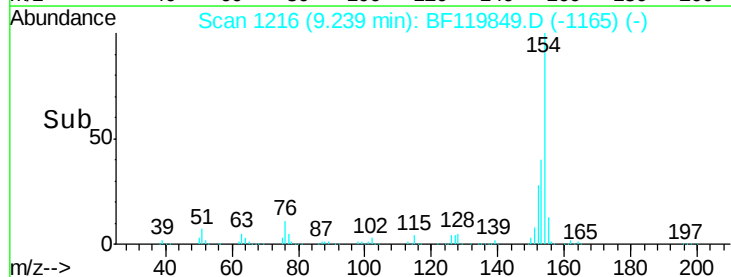


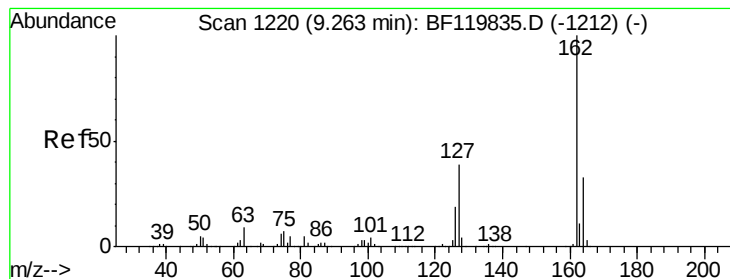
#46
1,1'-Biphenyl
Concen: 38.713 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion:154 Resp: 1314416
Ion Ratio Lower Upper
154 100
153 39.9 20.5 60.5
76 11.2 0.0 30.6



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





#47

2-Chloronaphthalene

Concen: 36.903 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampled :

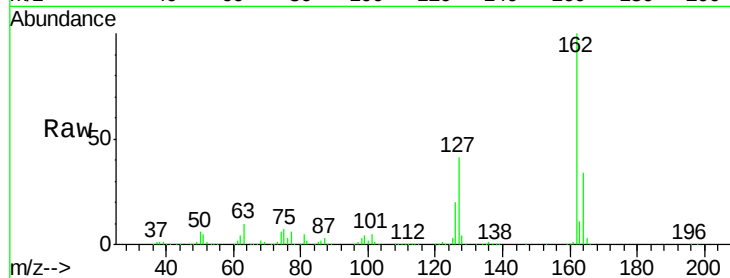
Tot Ion:162 Resp: 965234

Ion Ratio Lower Upper

162 100

127 41.5 31.2 46.8

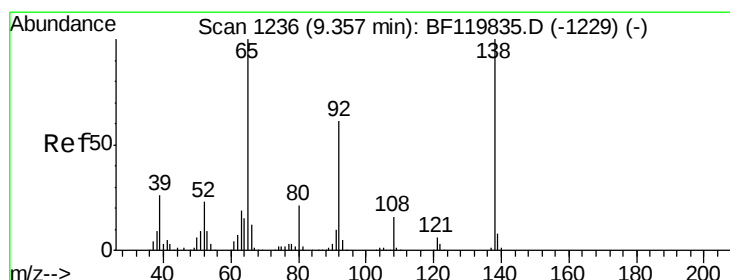
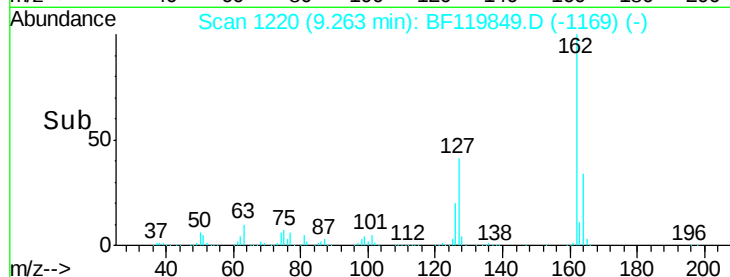
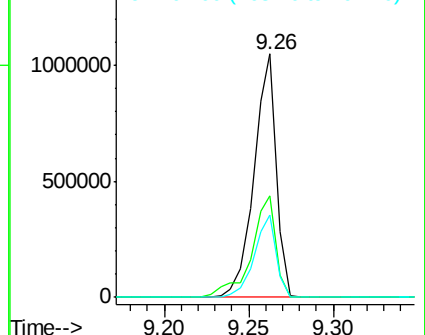
164 33.8 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 37.016 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

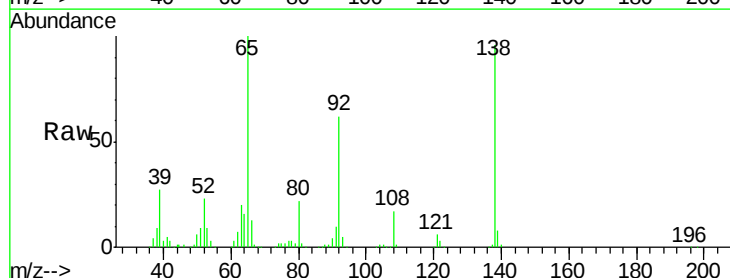
Tgt Ion: 65 Resp: 350854

Ion Ratio Lower Upper

65 100

92 62.4 49.0 73.6

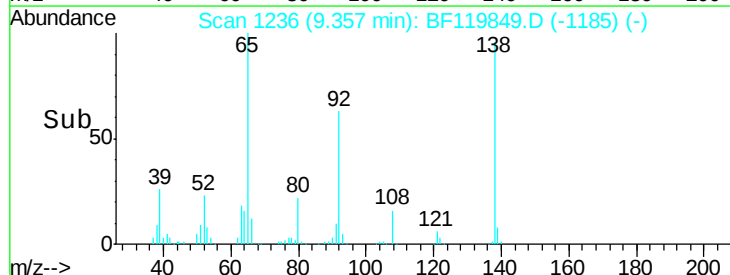
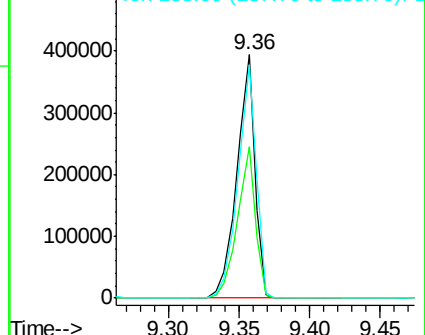
138 95.8 79.7 119.5

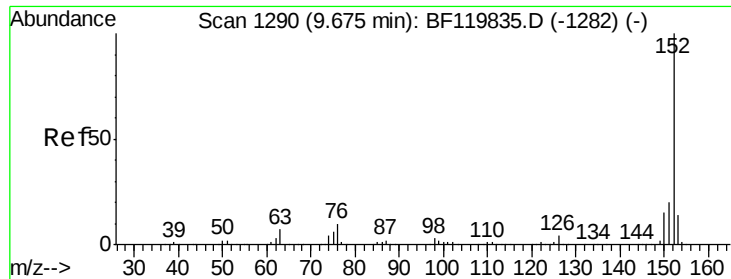


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.821 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampleId :

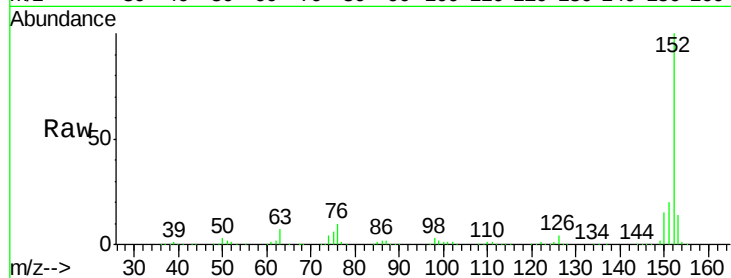
Tot Ion:152 Resp: 1544225

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

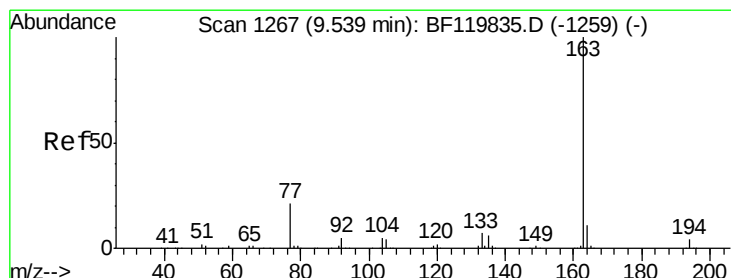
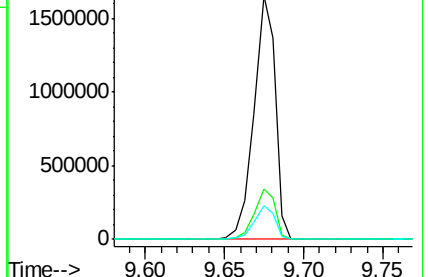
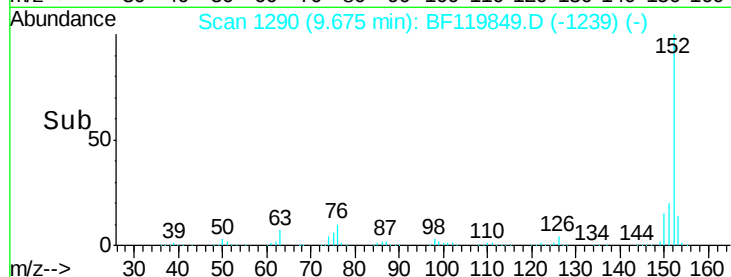
153 13.6 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.307 ng

RT: 9.55 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

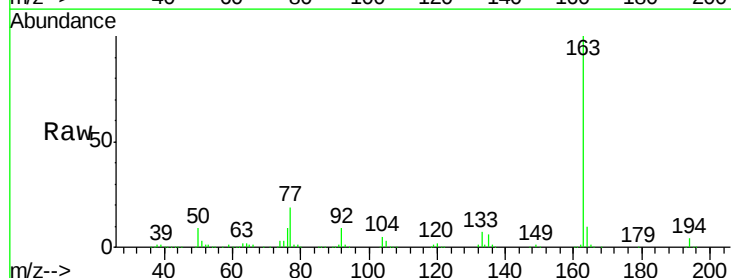
Tgt Ion:163 Resp: 1160791

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

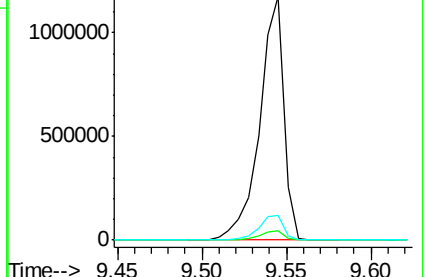
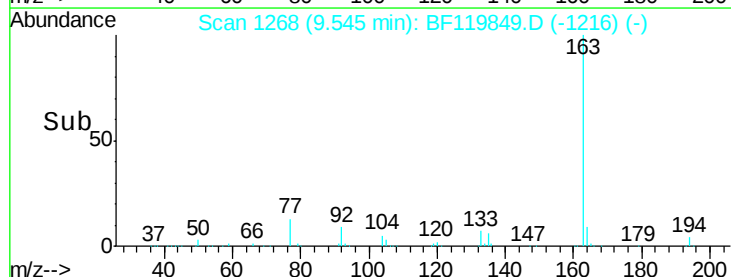
164 9.9 8.4 12.6

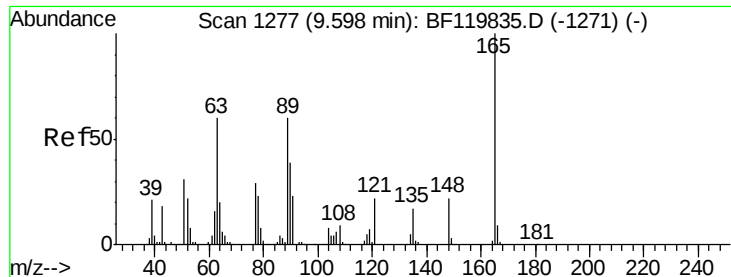


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.495 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampled :

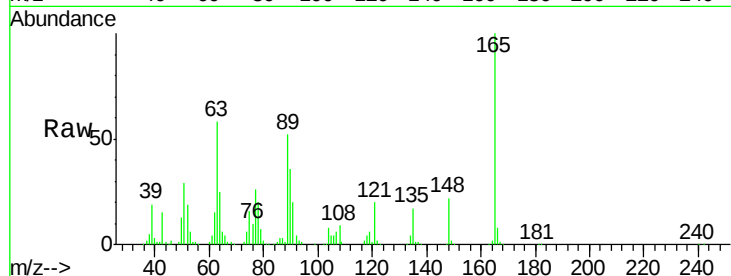
Tot Ion:165 Resp: 255471

Ion Ratio Lower Upper

165 100

63 58.5 55.6 83.4

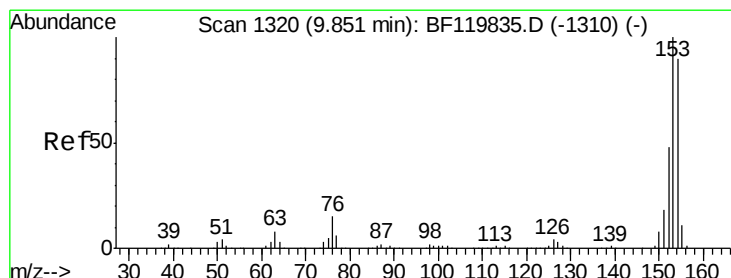
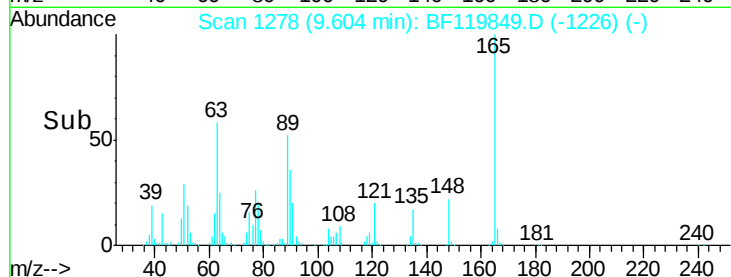
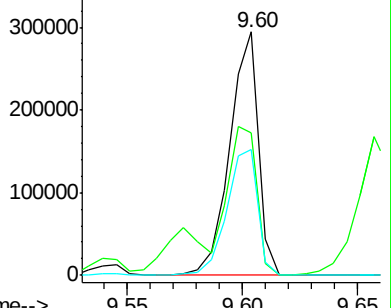
89 51.8 47.9 71.9



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: 36.141 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

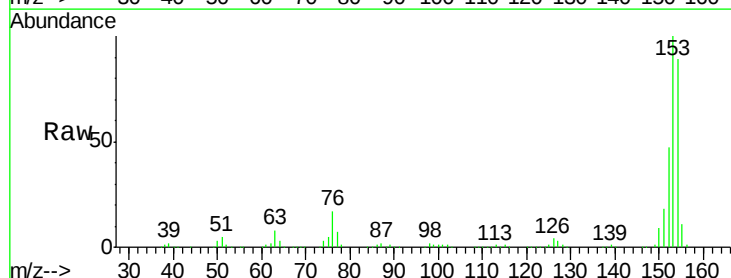
Tgt Ion:154 Resp: 958978

Ion Ratio Lower Upper

154 100

153 112.0 88.8 133.2

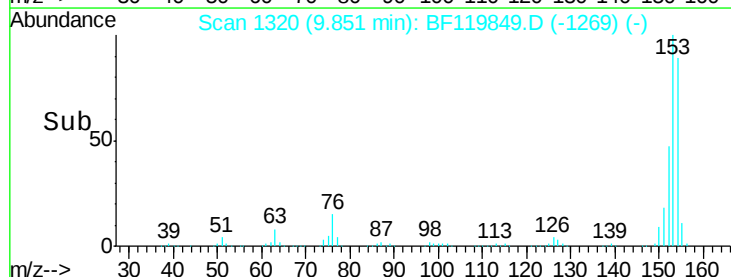
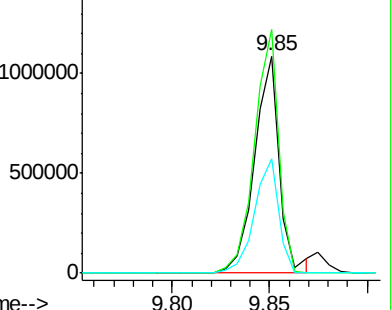
152 52.9 42.4 63.6

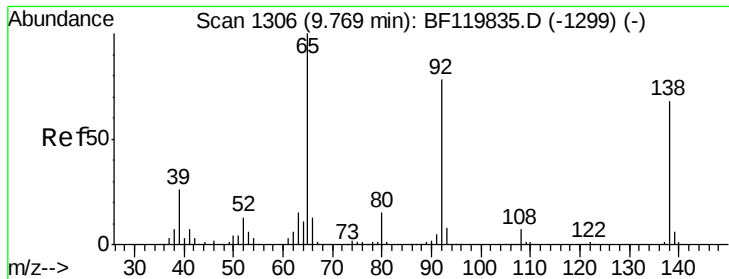


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

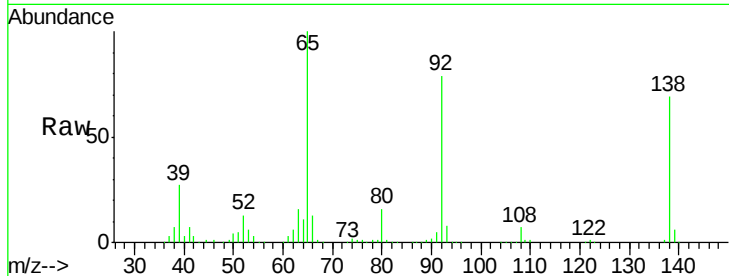




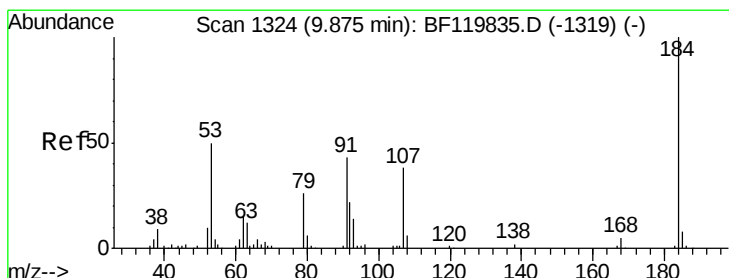
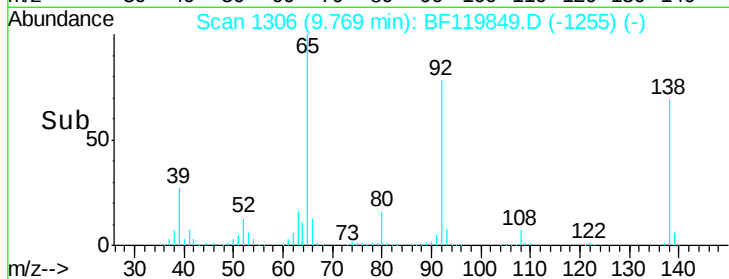
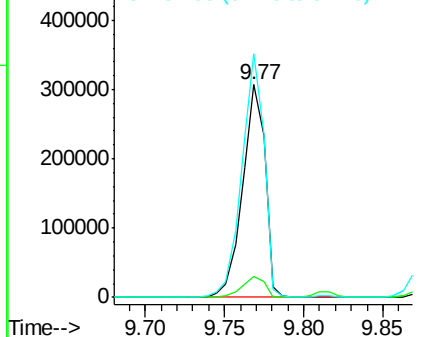
#53
 3-Nitroaniline
 Concen: 38.577 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 300197
 Ion Ratio Lower Upper
 138 100
 108 9.7 8.0 12.0
 92 114.4 92.1 138.1

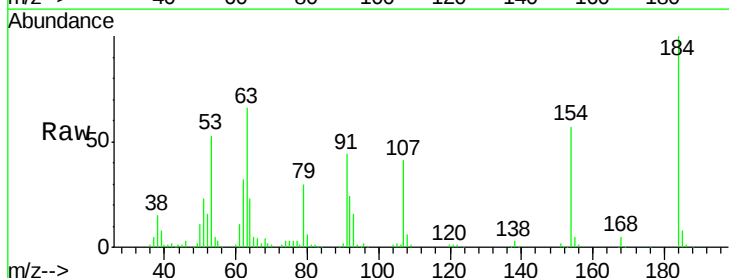


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

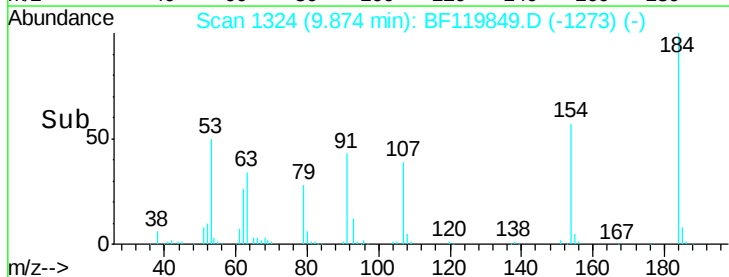
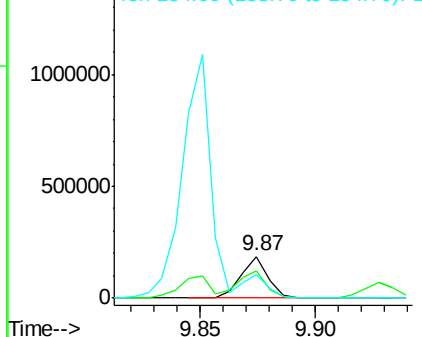


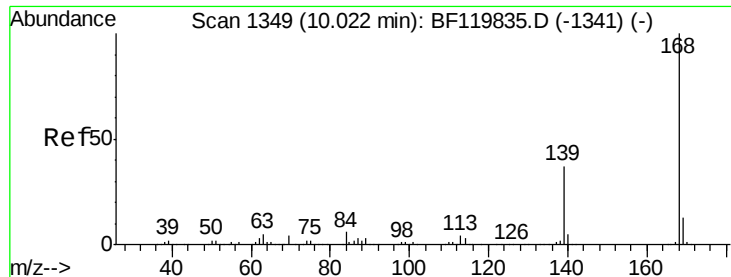
#54
 2,4-Dinitrophenol
 Concen: 37.352 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion:184 Resp: 152366
 Ion Ratio Lower Upper
 184 100
 63 65.8 49.8 74.6
 154 56.8 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

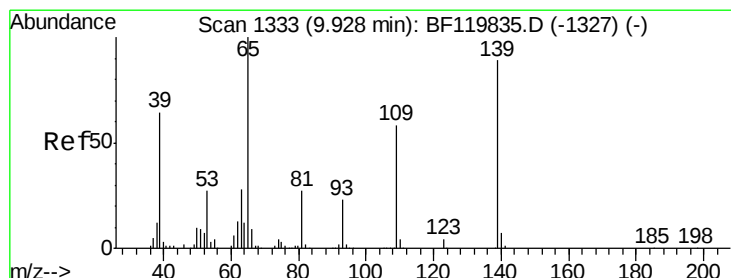
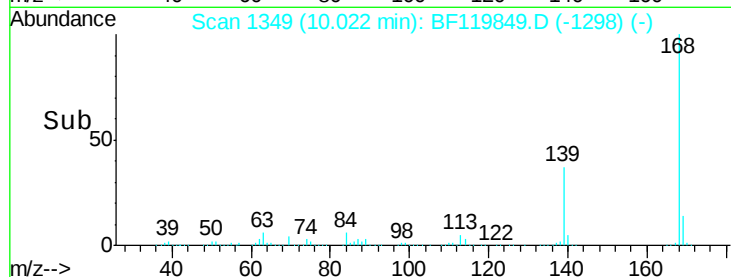
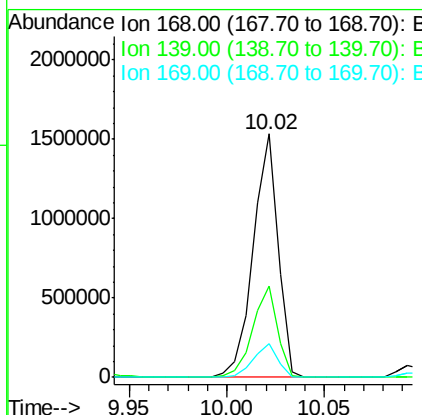
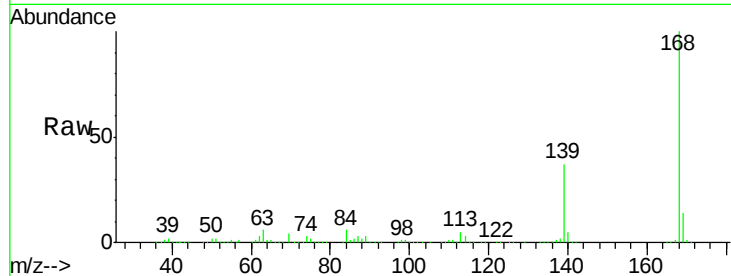




#55
Dibenzenofuran
Concen: 37.146 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

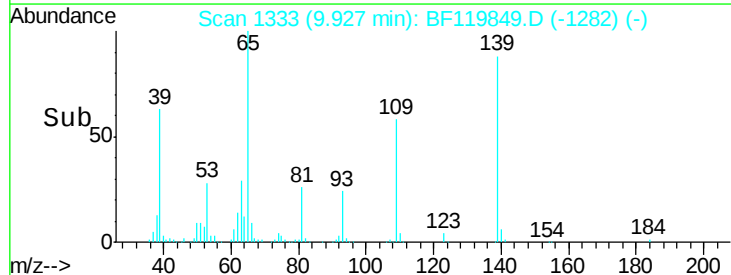
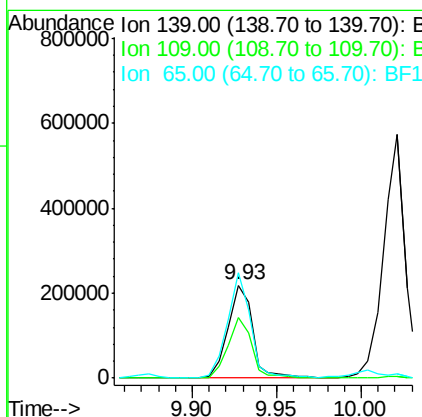
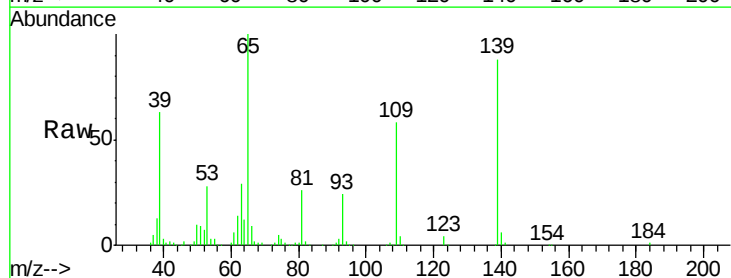
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1352563
Ion Ratio Lower Upper
168 100
139 37.4 29.8 44.6
169 13.6 10.6 15.8



#56
4-Nitrophenol
Concen: 38.232 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion:139 Resp: 221362
Ion Ratio Lower Upper
139 100
109 65.4 45.5 85.5
65 113.5 92.3 132.3

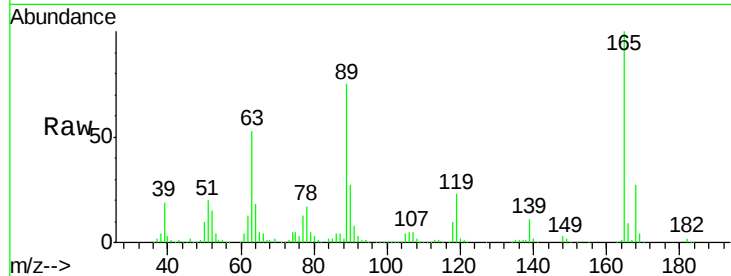




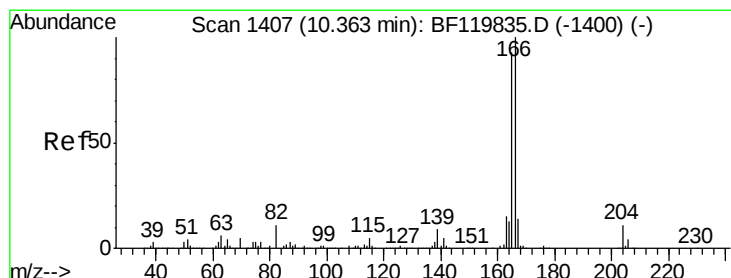
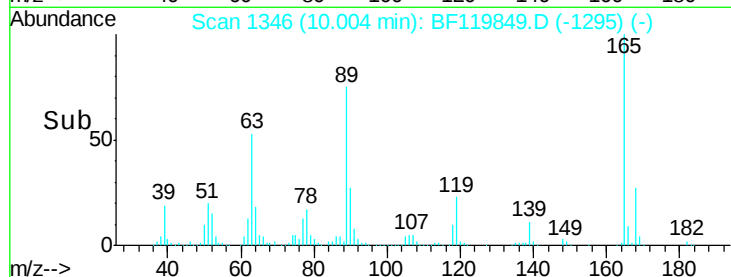
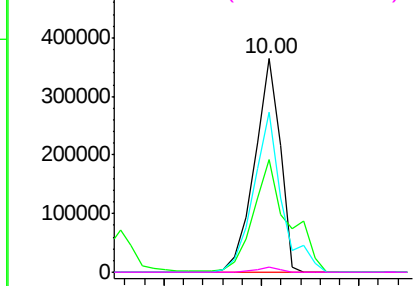
#57
2,4-Dinitrotoluene
Concen: 36.853 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 330821
Ion Ratio Lower Upper
165 100
63 53.0 40.8 61.2
89 74.7 56.9 85.3
182 2.5 2.0 3.0

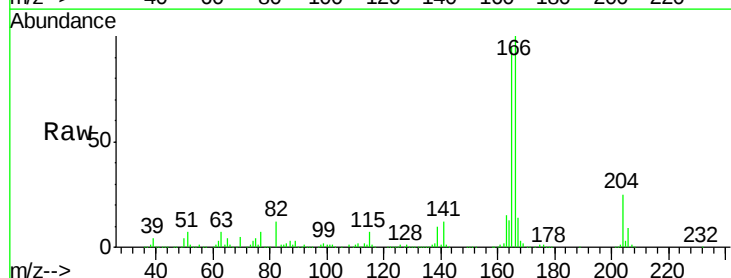


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

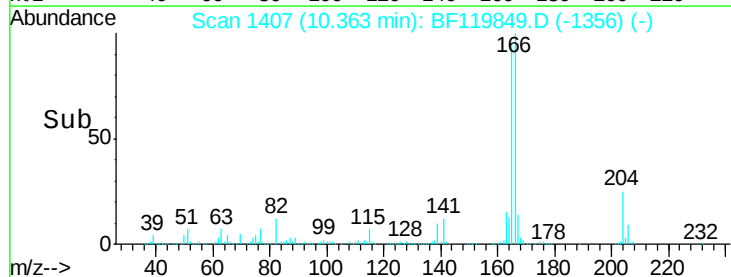
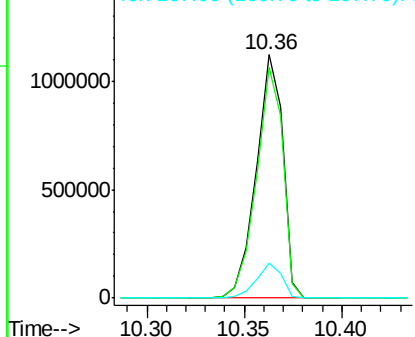


#58
Fluorene
Concen: 36.397 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion:166 Resp: 1059902
Ion Ratio Lower Upper
166 100
165 94.7 74.2 111.2
167 14.2 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

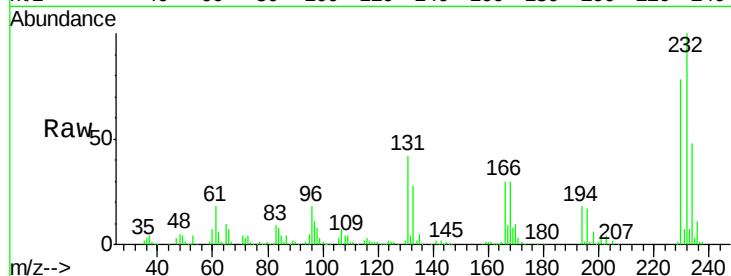




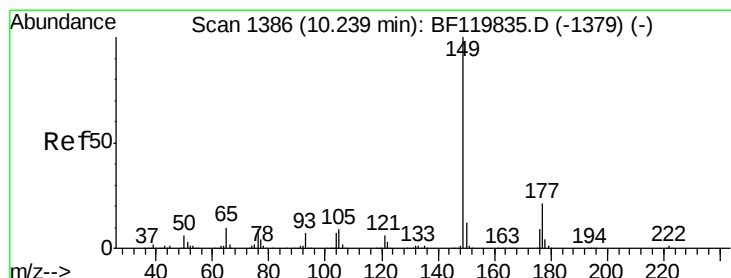
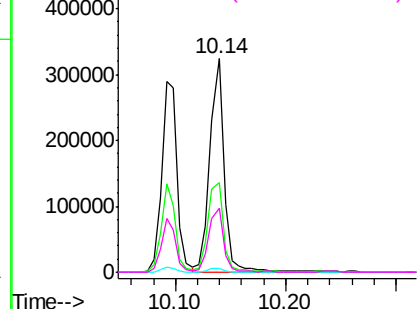
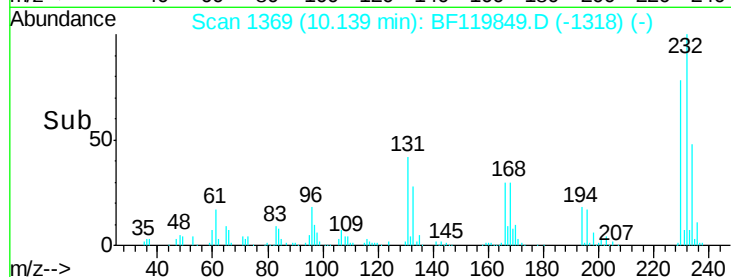
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.155 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 280799
 Ion Ratio Lower Upper
 232 100
 131 45.6 37.9 56.9
 130 2.0 1.8 2.6
 166 31.2 25.4 38.0

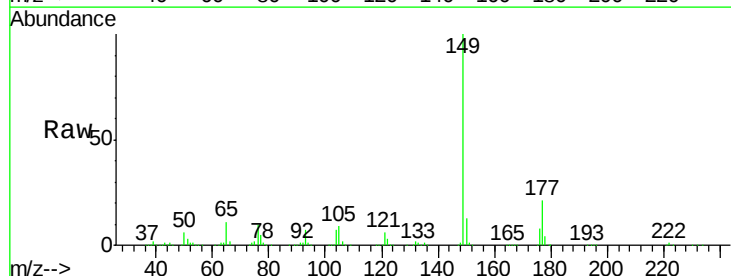


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

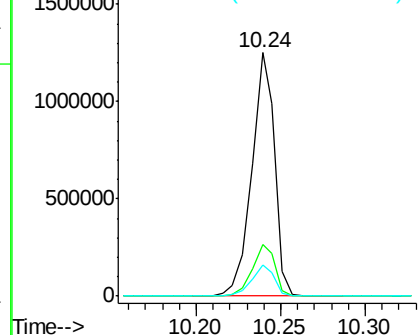
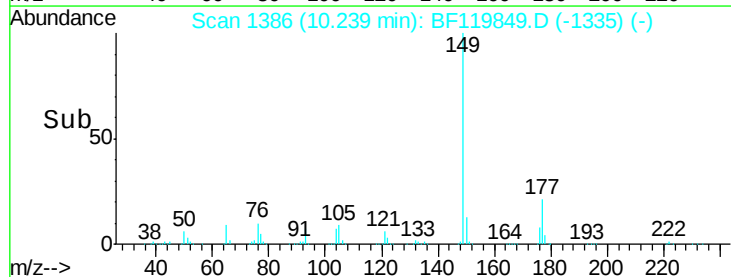


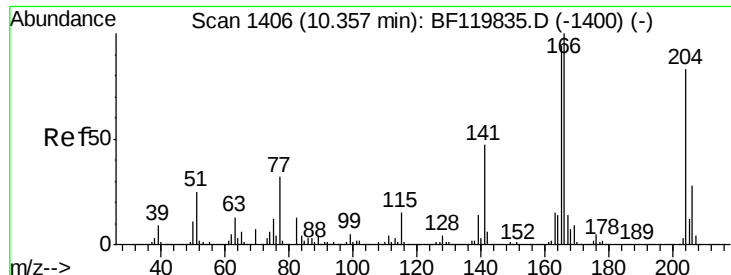
#60
 Diethylphthalate
 Concen: 36.477 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion:149 Resp: 1176305
 Ion Ratio Lower Upper
 149 100
 177 21.0 16.8 25.2
 150 12.9 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

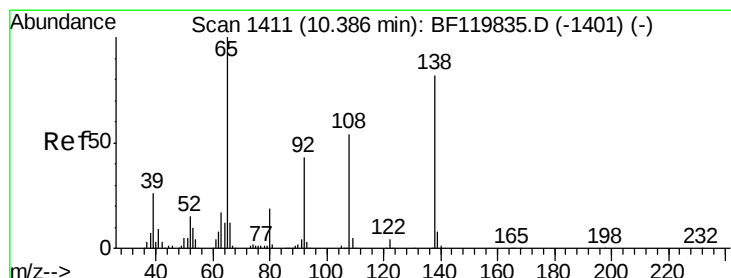
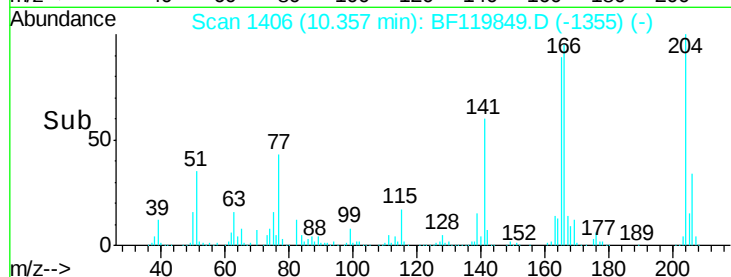
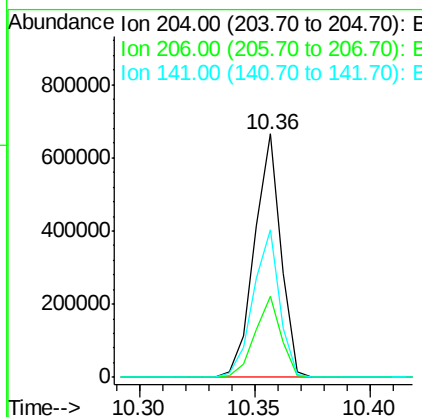
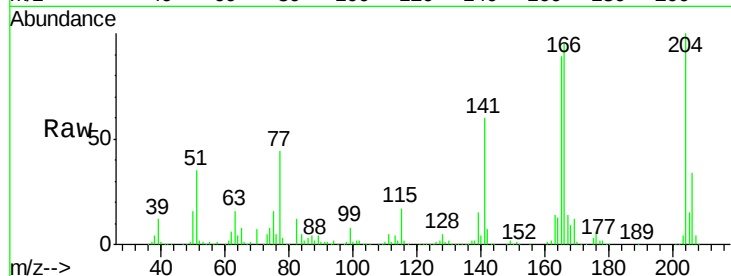




#61
 4-Chlorophenyl-phenylether
 Concen: 35.716 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

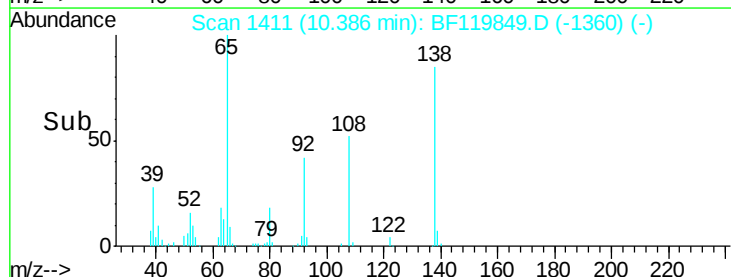
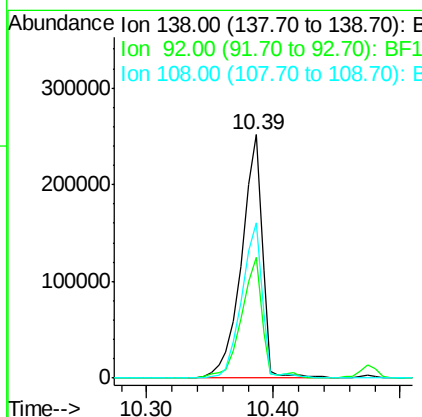
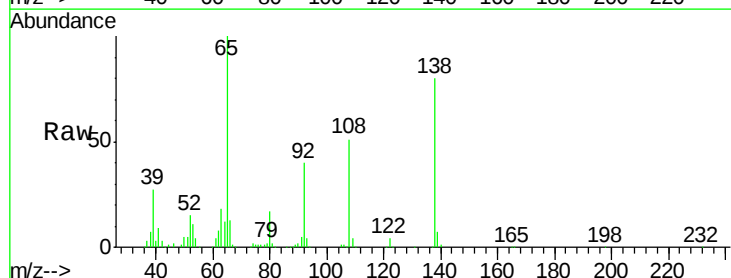
Instrument :
 BNA_F
 ClientSampleId :

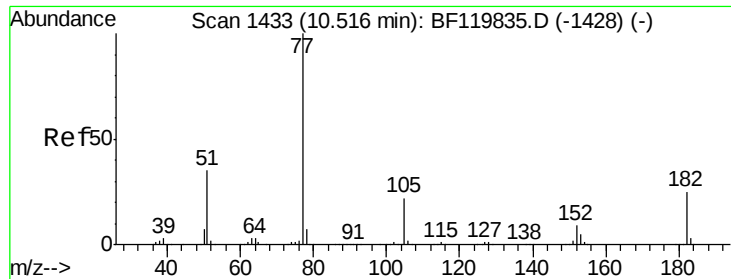
Tot Ion:204 Resp: 533064
 Ion Ratio Lower Upper
 204 100
 206 33.5 26.7 40.1
 141 60.4 45.8 68.8



#62
 4-Nitroaniline
 Concen: 38.624 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion:138 Resp: 286434
 Ion Ratio Lower Upper
 138 100
 92 49.6 31.6 71.6
 108 63.6 45.2 85.2





#63

Azobenzene

Concen: 39.823 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1150877

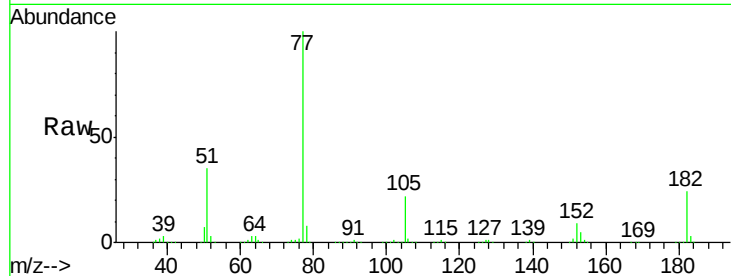
Ion Ratio Lower Upper

77 100

182 23.7 4.5 44.5

105 22.1 2.2 42.2

51 35.2 15.1 55.1

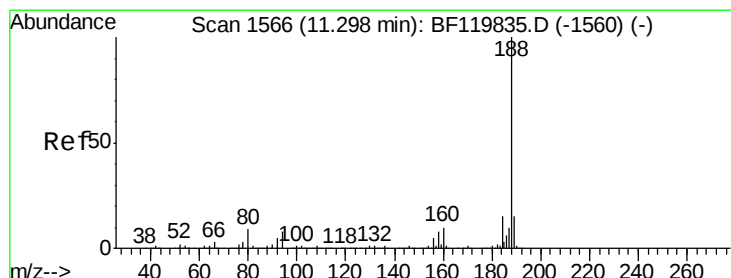
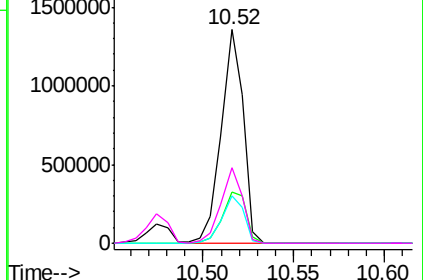
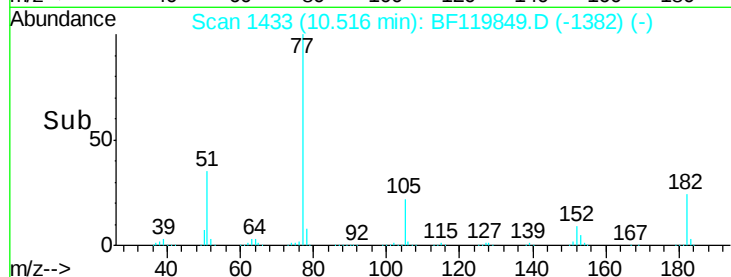


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.30 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

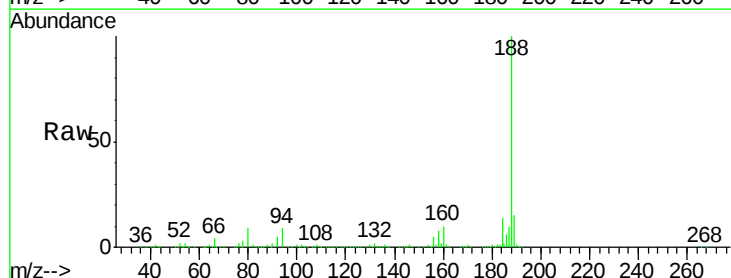
Tgt Ion: 188 Resp: 729256

Ion Ratio Lower Upper

188 100

94 8.5 6.7 10.1

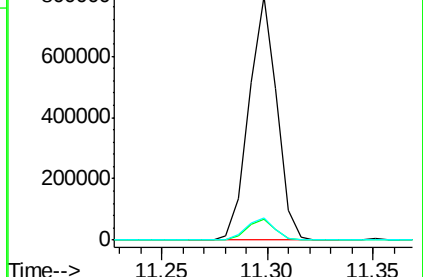
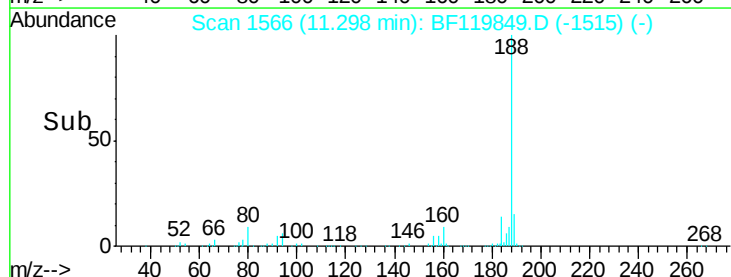
80 9.3 7.4 11.2

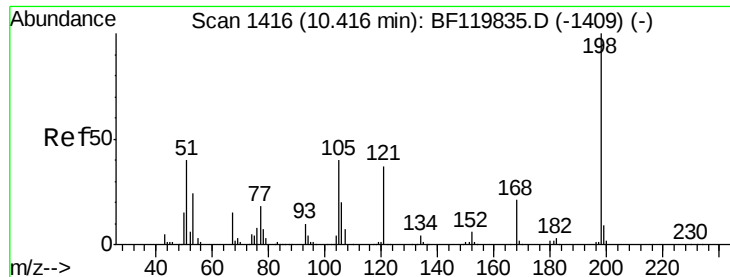


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

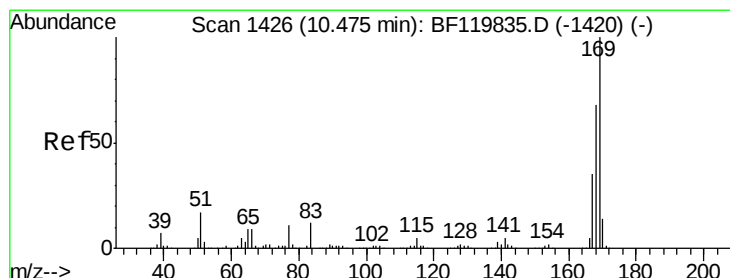
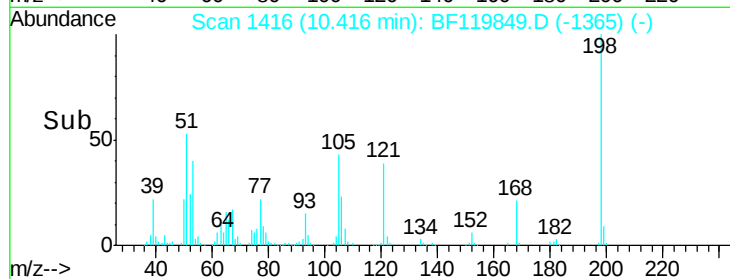
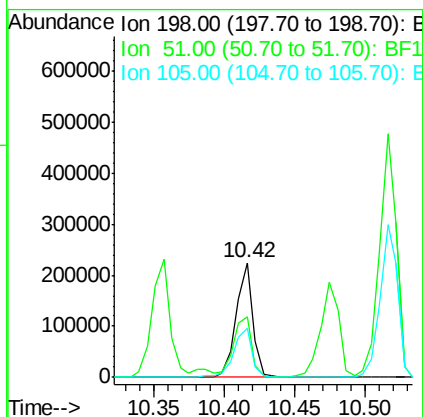
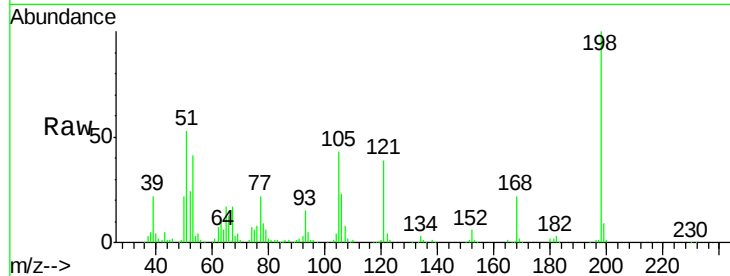




#65
4,6-Dinitro-2-methylphenol
Concen: 38.759 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

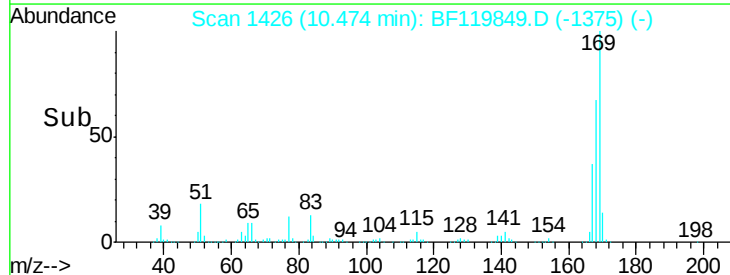
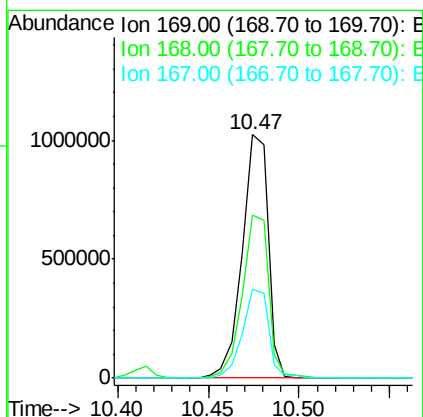
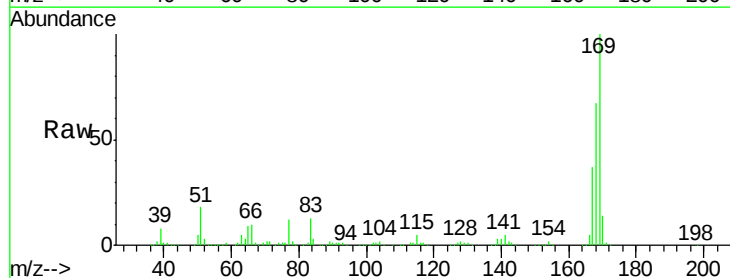
Instrument :
BNA_F
ClientSampleId :

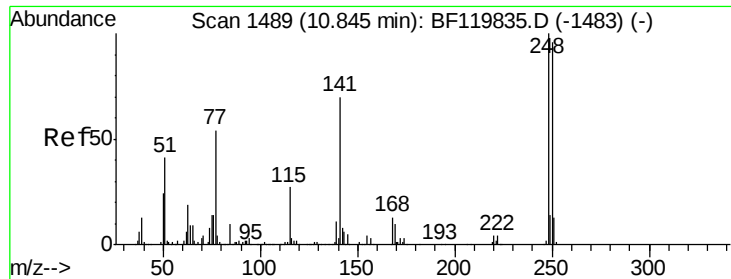
Tot Ion:198 Resp: 186213
Ion Ratio Lower Upper
198 100
51 52.5 25.2 65.2
105 43.3 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 41.971 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion:169 Resp: 1017912
Ion Ratio Lower Upper
169 100
168 67.1 54.2 81.4
167 36.6 28.3 42.5

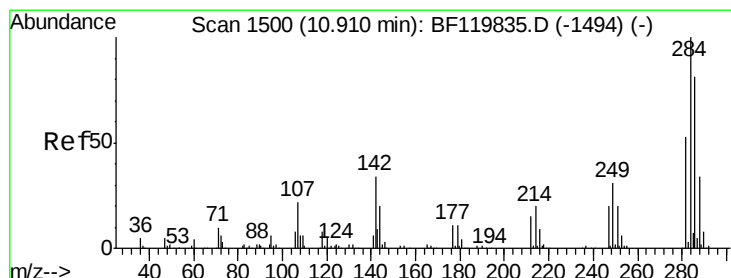
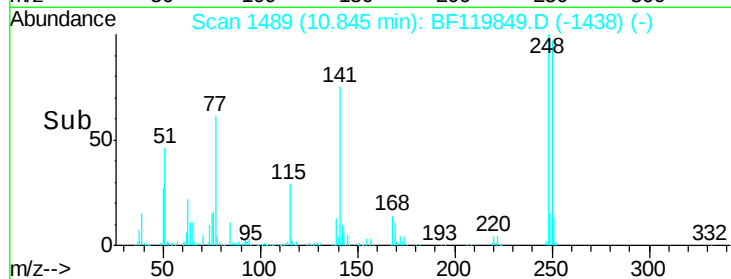
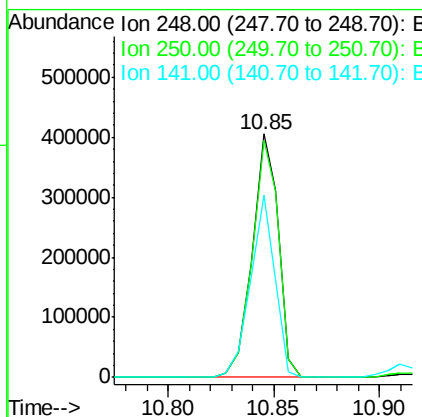
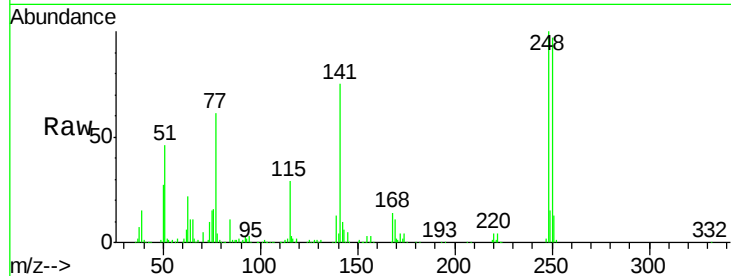




#67
4-Bromophenyl-phenylether
Concen: 38.530 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

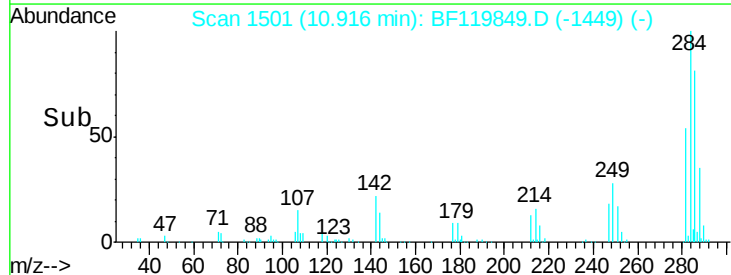
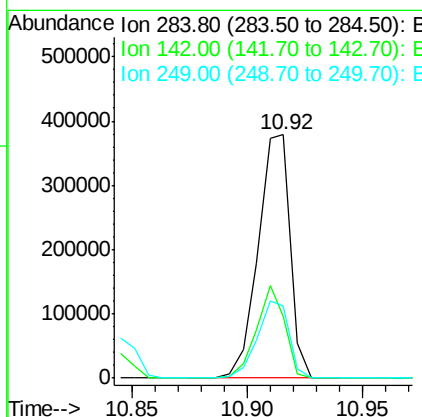
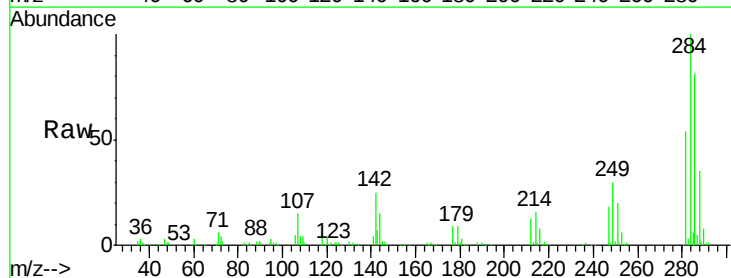
Instrument :
BNA_F
ClientSampleId :

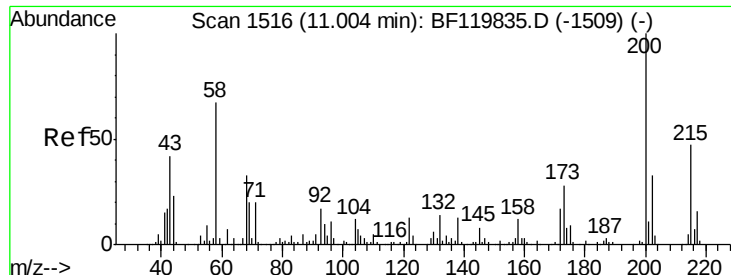
Tot Ion:248 Resp: 349428
Ion Ratio Lower Upper
248 100
250 97.2 76.6 114.8
141 74.9 55.9 83.9



#68
Hexachlorobenzene
Concen: 39.871 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.01 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion:284 Resp: 366822
Ion Ratio Lower Upper
284 100
142 25.3 26.9 40.3#
249 29.6 24.6 37.0

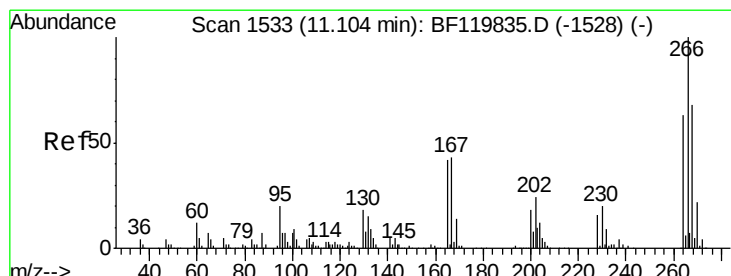
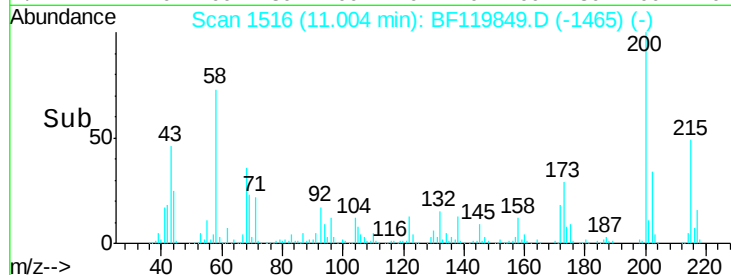
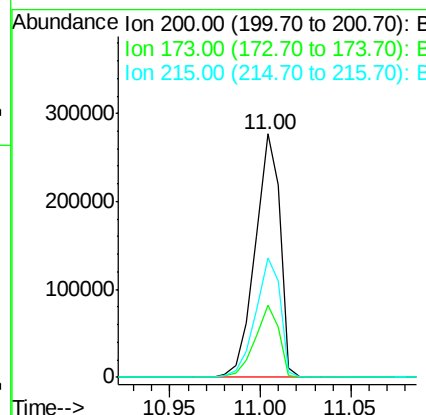
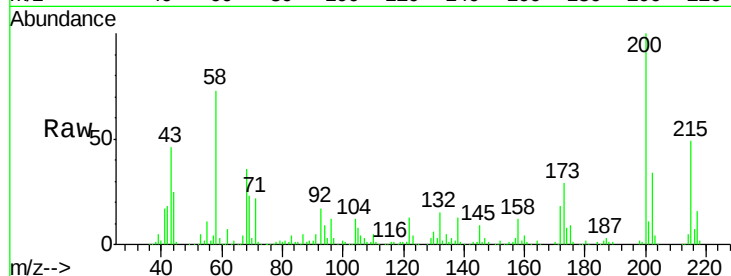




#69
 Atrazine
 Concen: 39.126 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

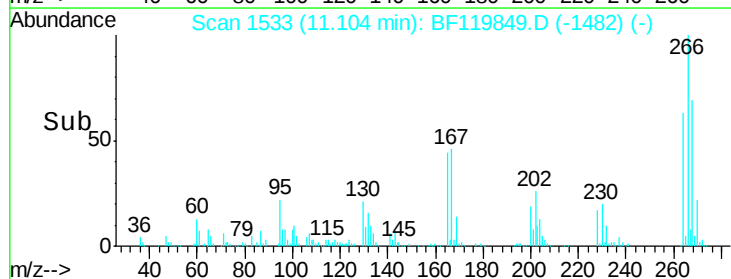
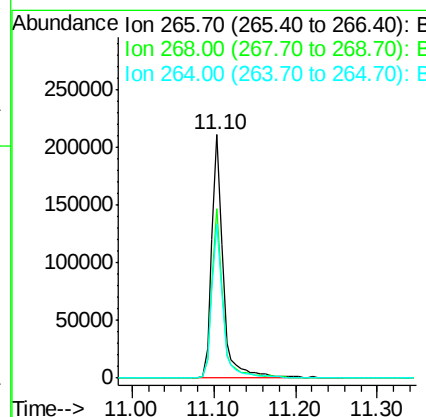
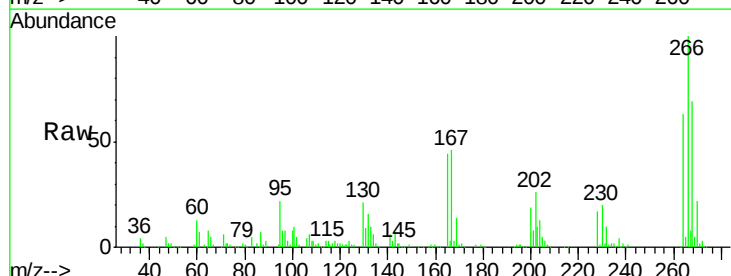
Instrument :
 BNA_F
 ClientSampleId :

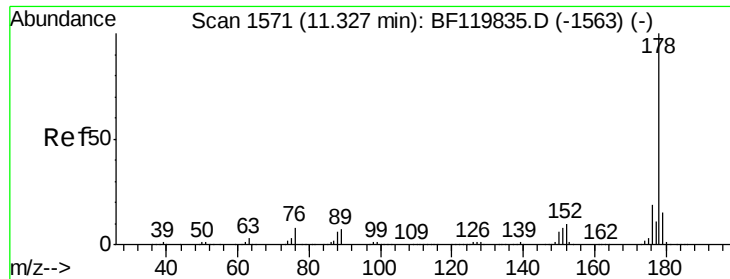
Tot Ion:200 Resp: 264020
 Ion Ratio Lower Upper
 200 100
 173 29.4 8.0 48.0
 215 48.9 27.1 67.1



#70
 Pentachlorophenol
 Concen: 38.670 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion:266 Resp: 205021
 Ion Ratio Lower Upper
 266 100
 268 69.4 54.2 81.4
 264 63.4 50.6 76.0

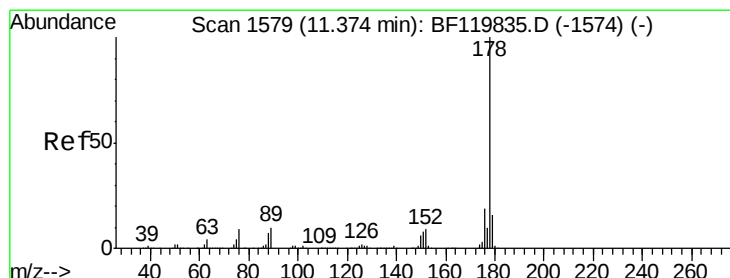
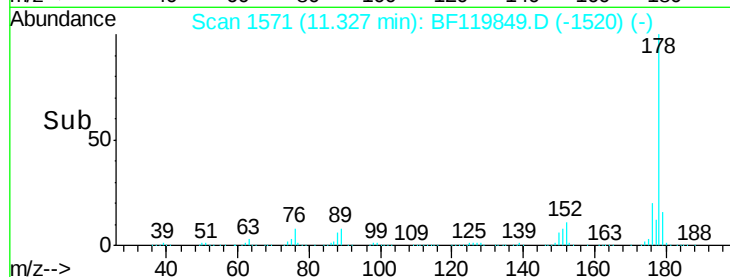
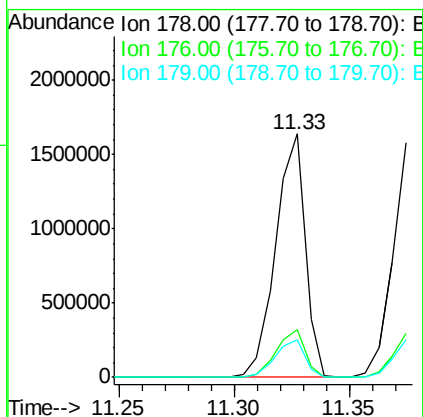
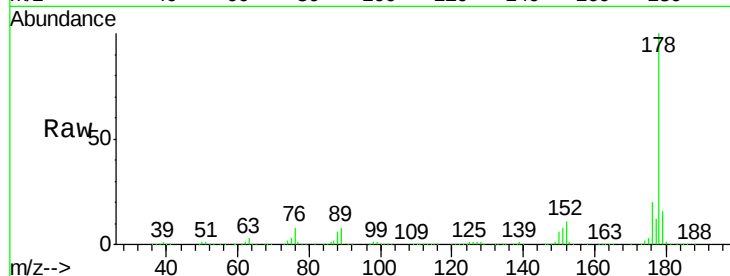




#71
Phenanthrene
Concen: 37.451 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

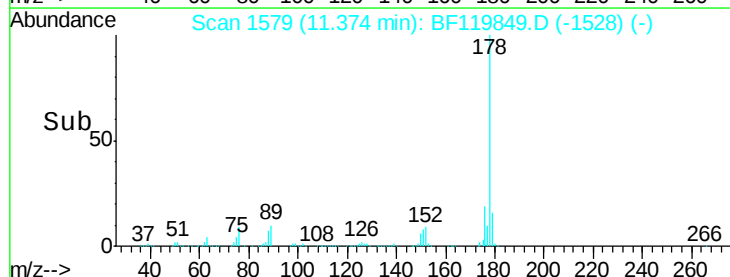
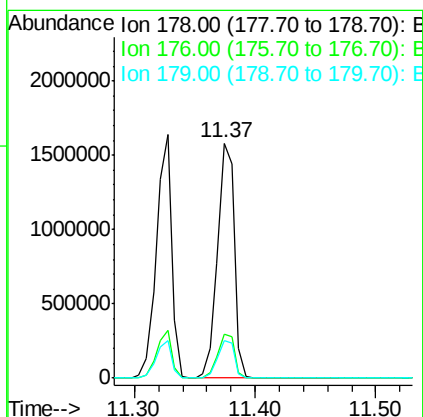
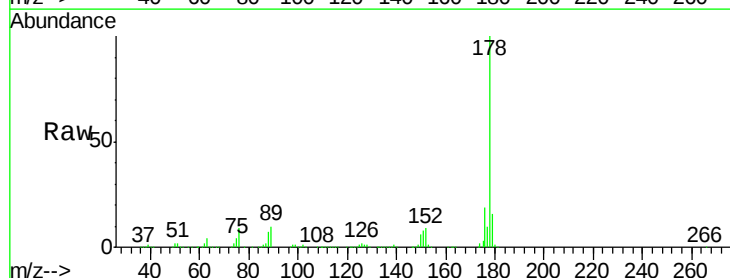
Instrument :
BNA_F
ClientSampleId :

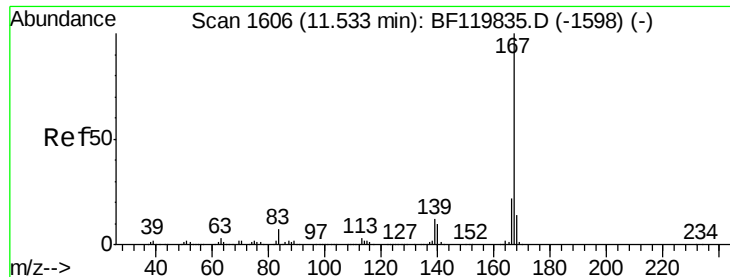
Tot Ion:178 Resp: 1453559
Ion Ratio Lower Upper
178 100
176 19.9 15.1 22.7
179 15.6 12.2 18.4



#72
Anthracene
Concen: 37.749 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion:178 Resp: 1496702
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 16.1 12.8 19.2

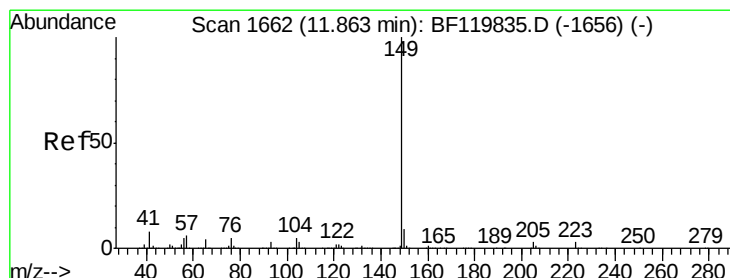
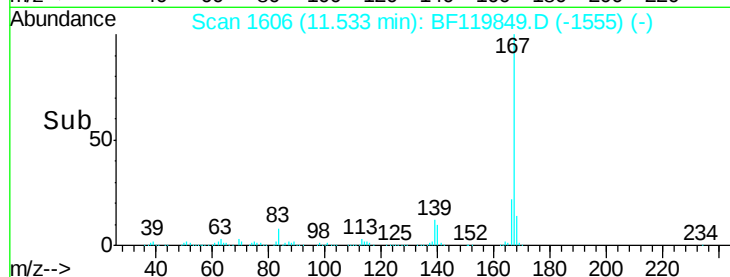
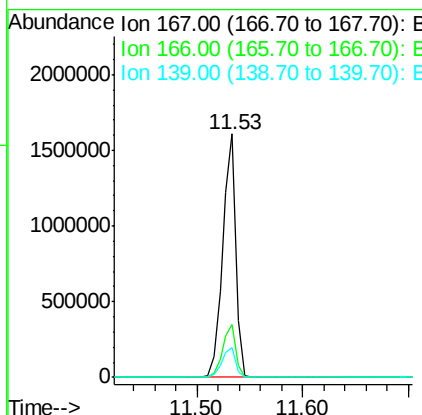
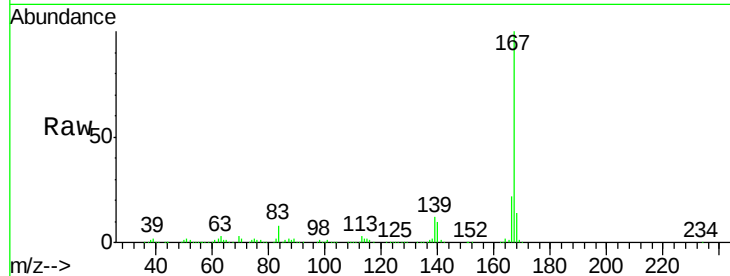




#73
 Carbazole
 Concen: 37.404 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

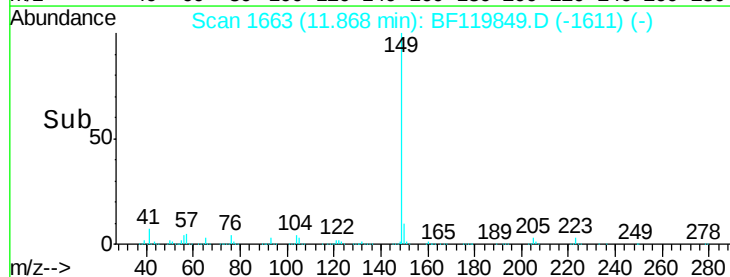
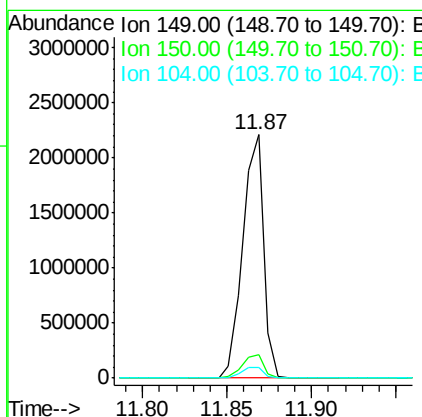
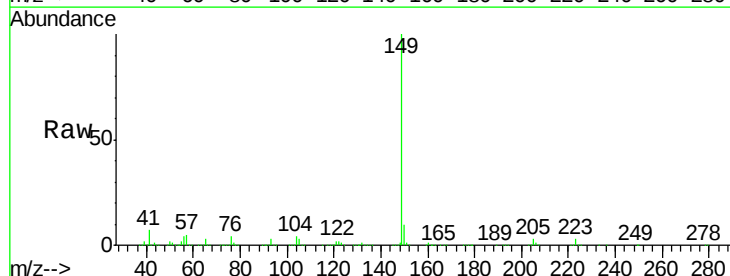
Instrument :
 BNA_F
 ClientSampleId :

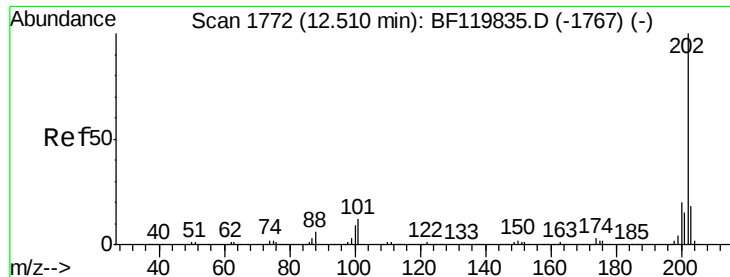
Tot Ion:167 Resp: 1402447
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 12.4 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 38.745 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.01 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion:149 Resp: 1909745
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 4.4 3.8 5.6

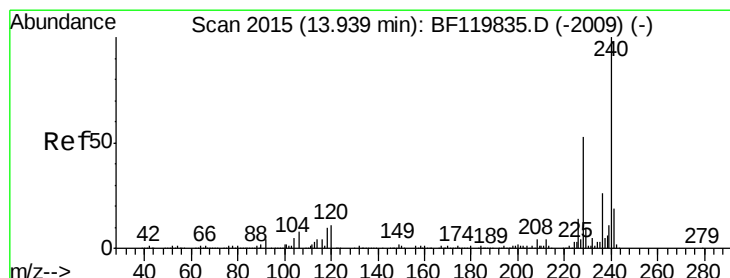
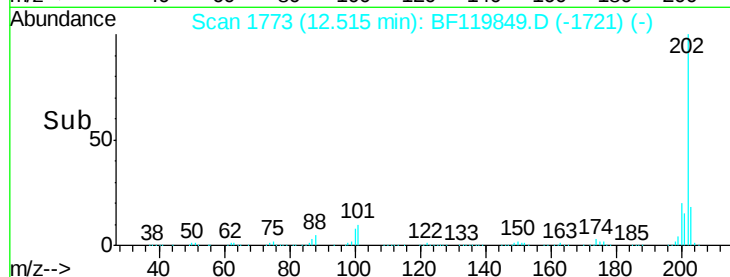
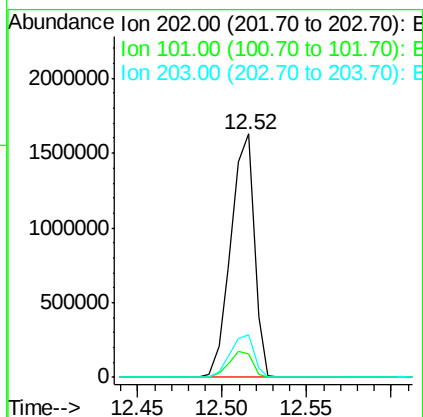
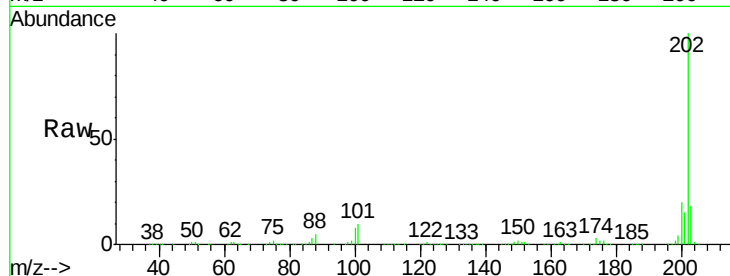




#75
 Fluoranthene
 Concen: 37.506 ng
 RT: 12.52 min Scan# 1773
 Delta R.T. 0.01 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

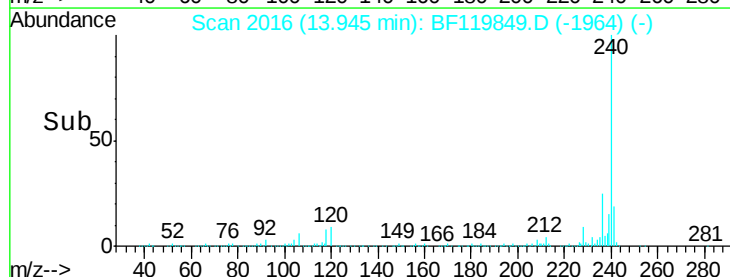
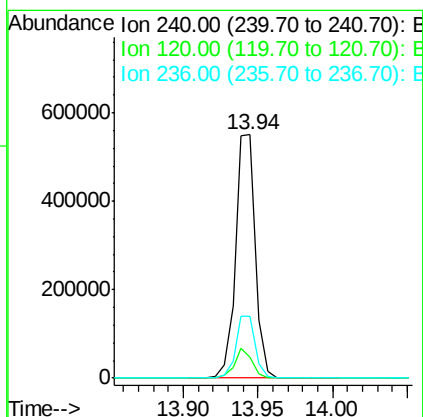
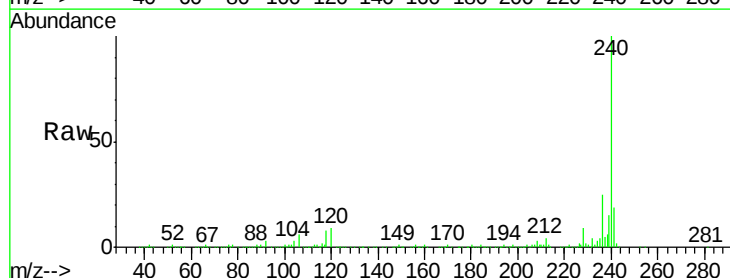
Instrument :
 BNA_F
 ClientSampleId :

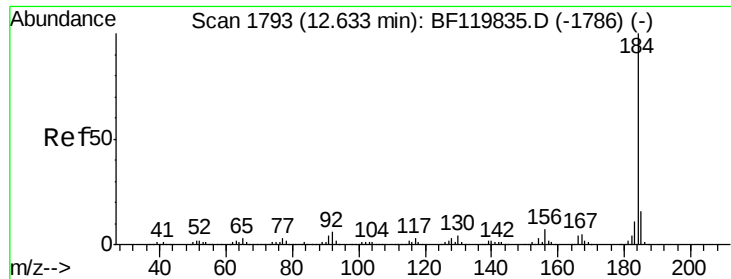
Tot Ion:202 Resp: 1570638
 Ion Ratio Lower Upper
 202 100
 101 9.7 0.0 32.3
 203 17.7 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF119849.D
 Acq: 9 Apr 2020 3:05

Tgt Ion:240 Resp: 511229
 Ion Ratio Lower Upper
 240 100
 120 8.7 9.0 13.6#
 236 25.3 20.7 31.1





#77

Benzidine

Concen: 28.416 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampleId :

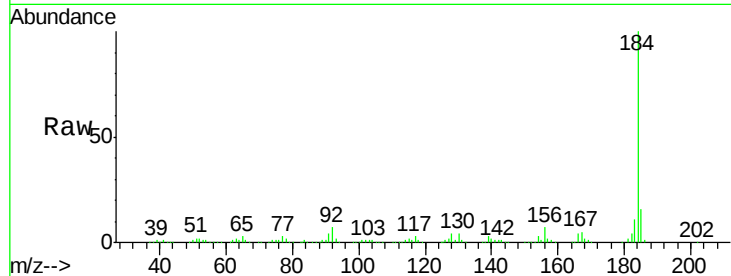
Tot Ion:184 Resp: 491059

Ion Ratio Lower Upper

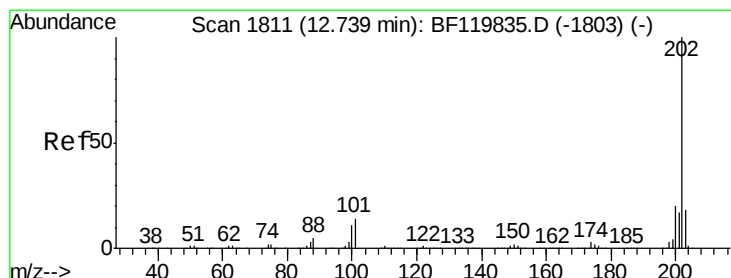
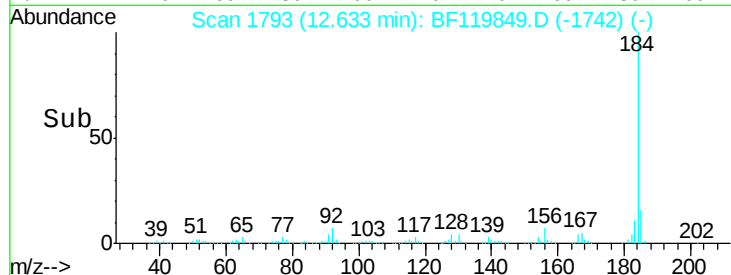
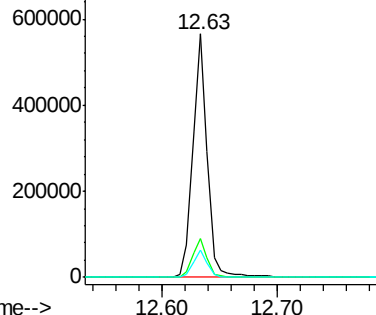
184 100

185 16.0 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: 38.867 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

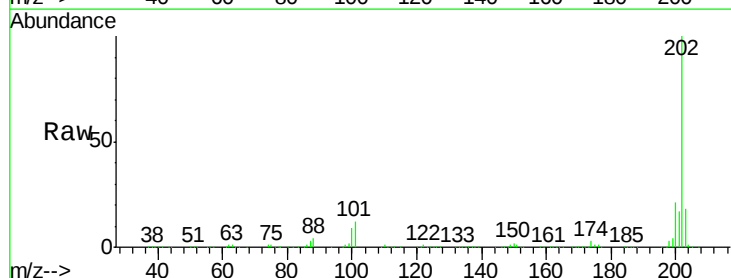
Tgt Ion:202 Resp: 1675067

Ion Ratio Lower Upper

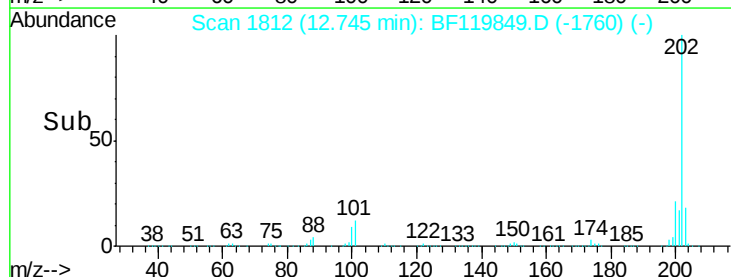
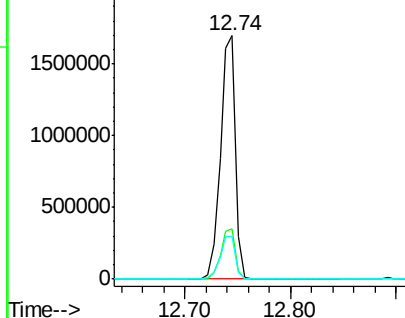
202 100

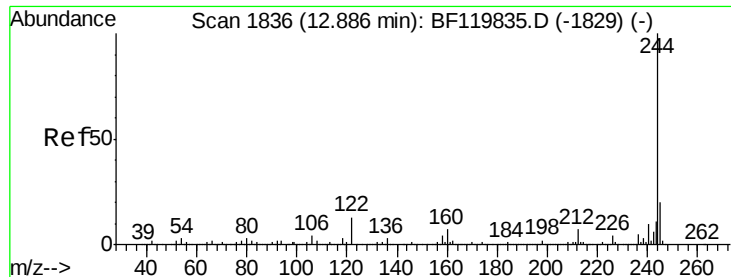
200 20.7 16.2 24.2

203 17.6 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.922 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampled :

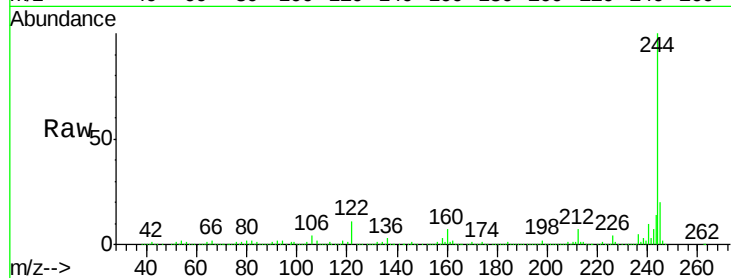
Tot Ion:244 Resp: 2245934

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

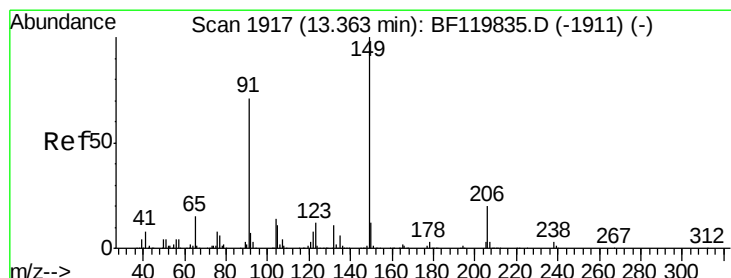
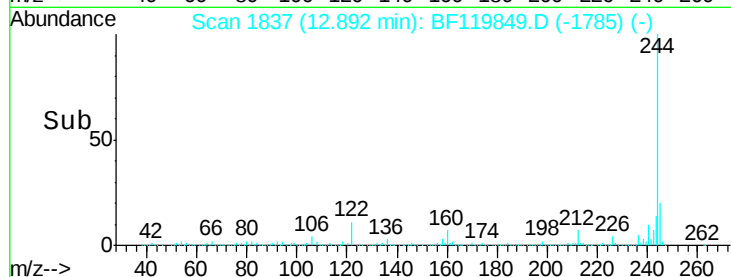
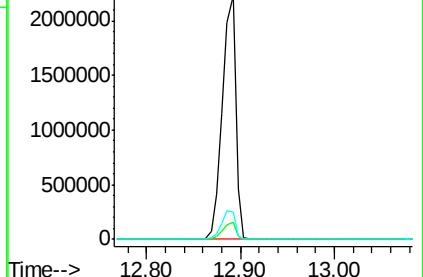
122 11.0 10.3 15.5



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: 37.511 ng

RT: 13.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

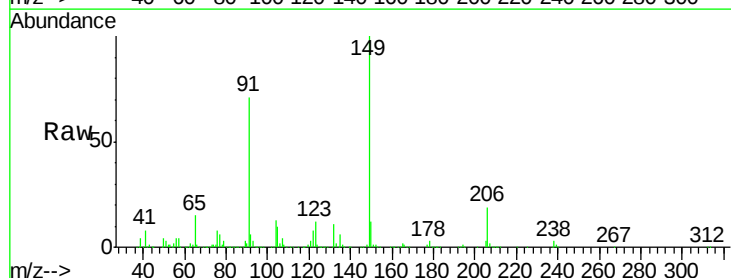
Tgt Ion:149 Resp: 784455

Ion Ratio Lower Upper

149 100

91 71.4 56.7 85.1

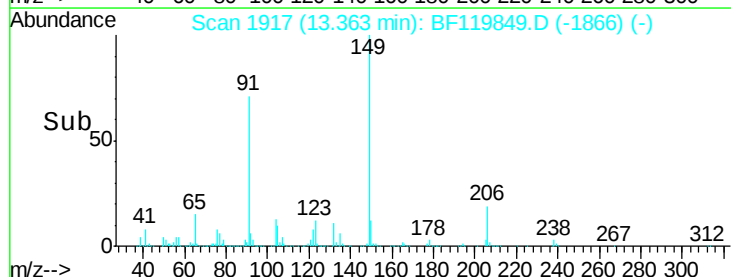
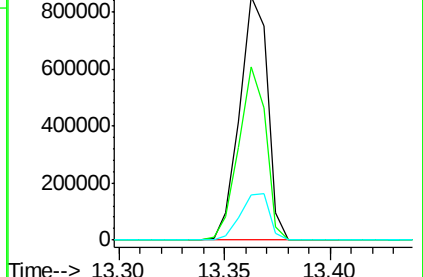
206 18.5 15.7 23.5



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: 36.674 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampleId :

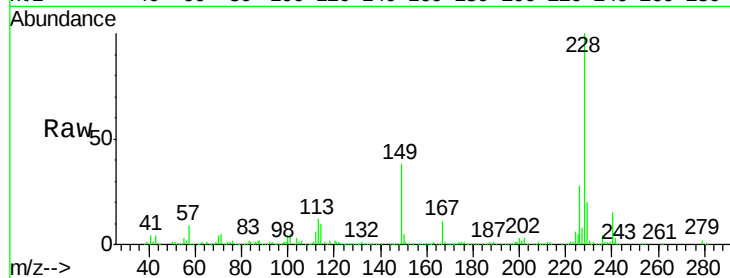
Tot Ion:228 Resp: 1233416

Ion Ratio Lower Upper

228 100

226 27.8 21.9 32.9

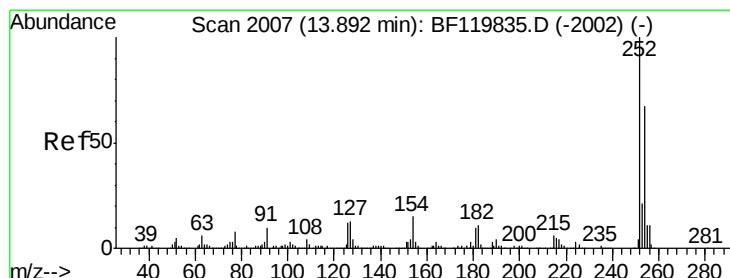
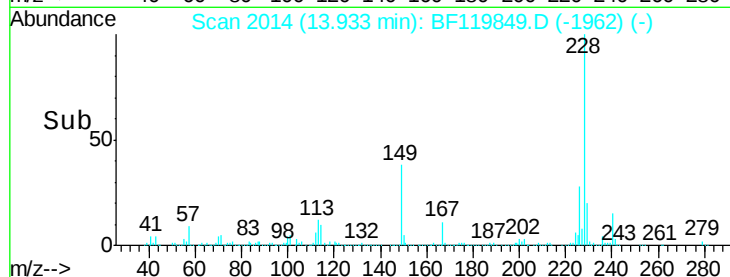
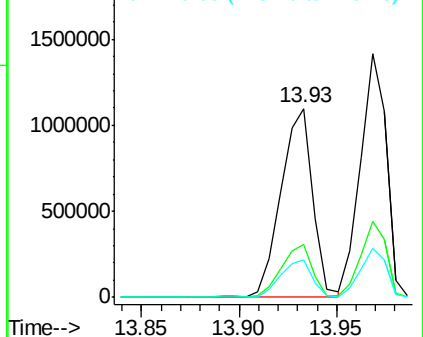
229 19.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.965 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

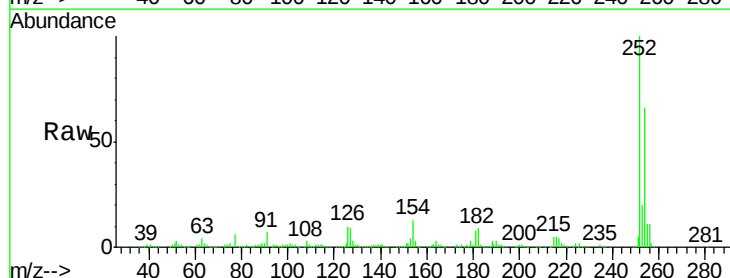
Tgt Ion:252 Resp: 476410

Ion Ratio Lower Upper

252 100

254 65.8 53.9 80.9

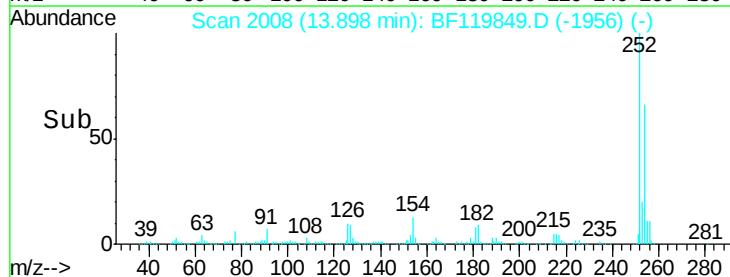
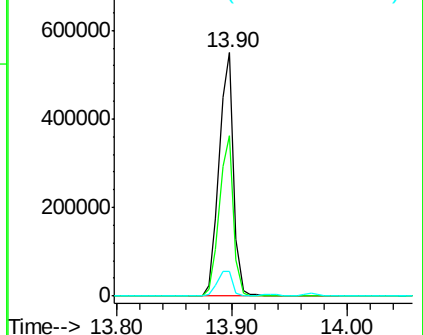
126 9.9 9.7 14.5

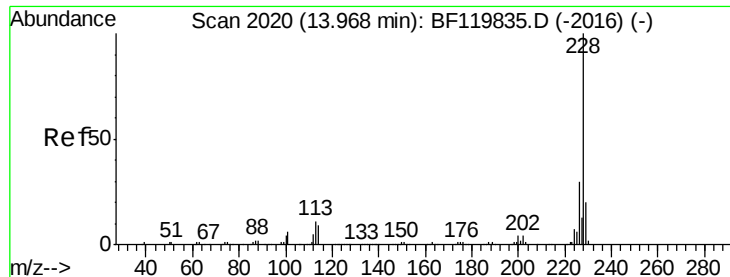


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.145 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampleId :

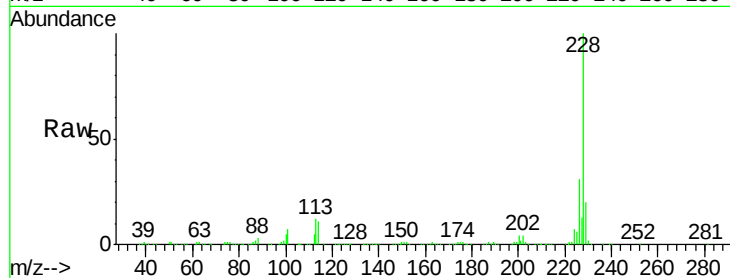
Tot Ion:228 Resp: 1303518

Ion Ratio Lower Upper

228 100

226 31.3 24.2 36.2

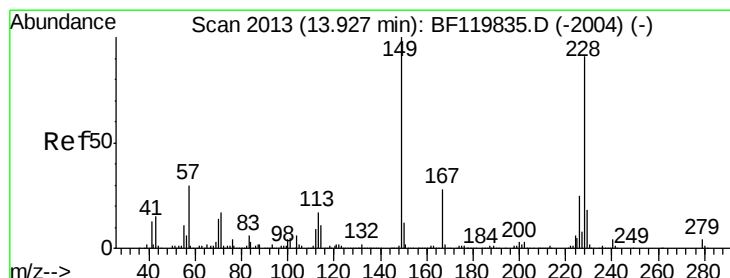
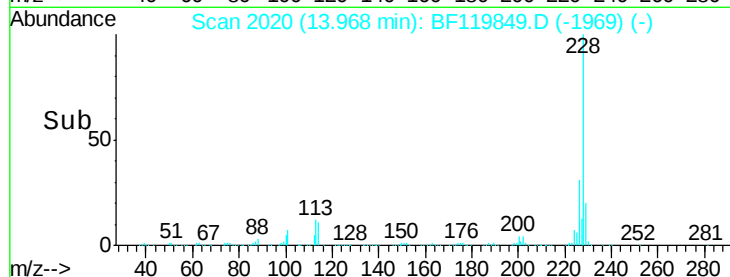
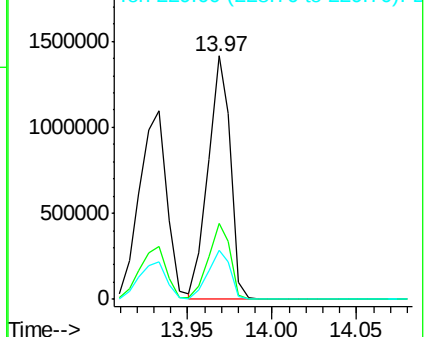
229 20.4 15.9 23.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.485 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

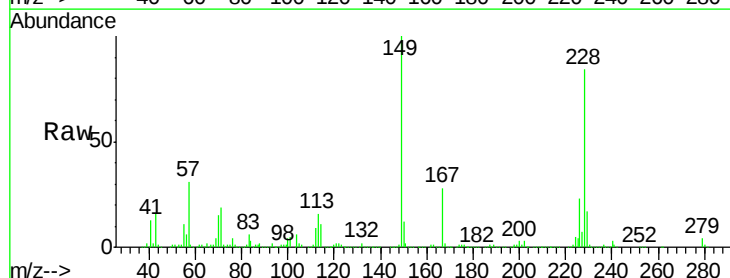
Tgt Ion:149 Resp: 1061557

Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.2

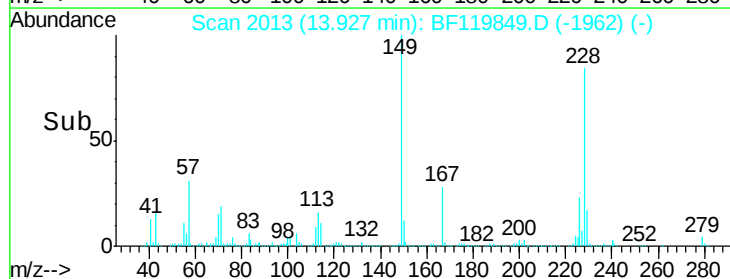
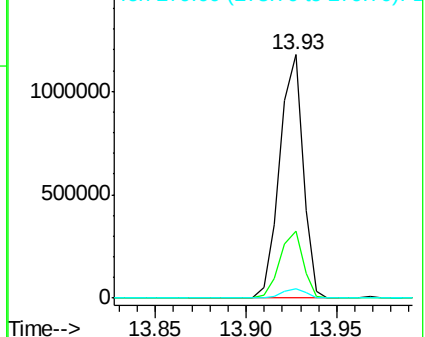
279 4.0 3.4 5.0

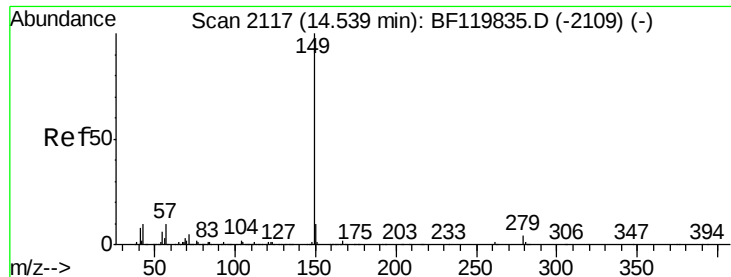


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.401 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampleId :

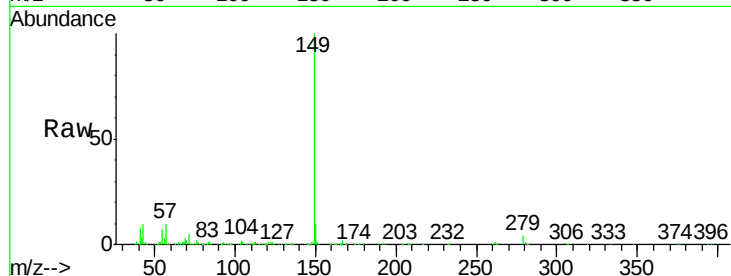
Tot Ion:149 Resp: 1851648

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

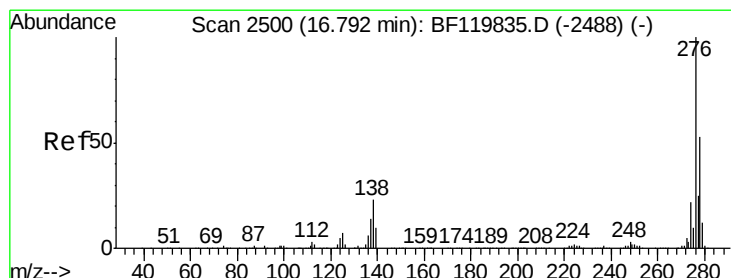
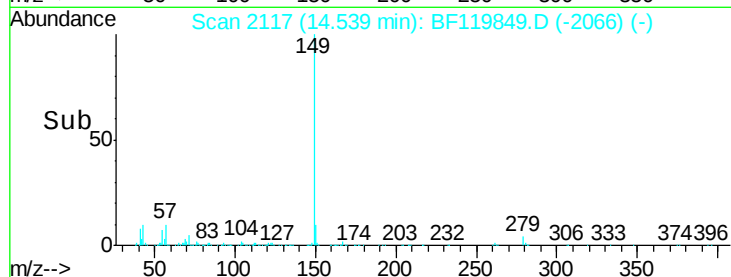
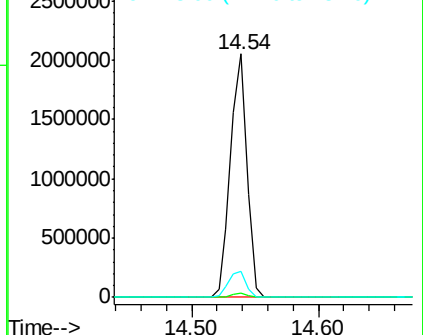
43 11.3 9.2 13.8



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: 37.133 ng

RT: 16.79 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

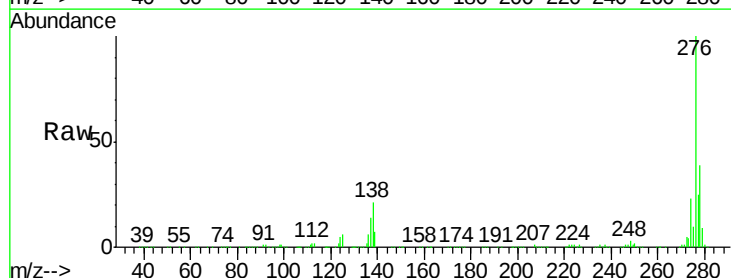
Tgt Ion:276 Resp: 1118555

Ion Ratio Lower Upper

276 100

138 22.7 18.0 27.0

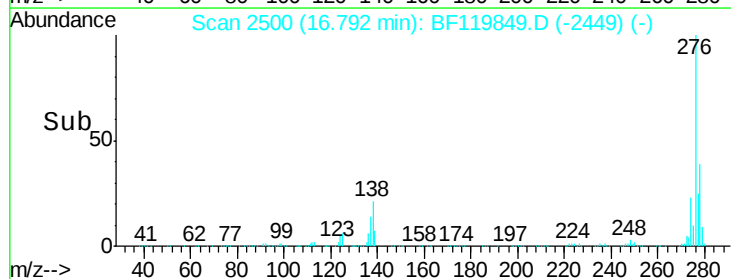
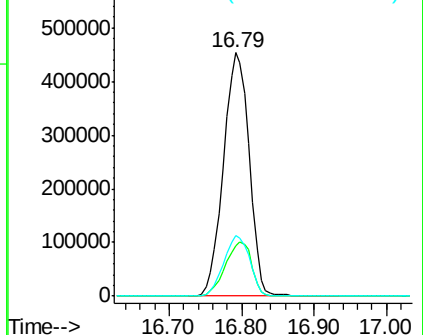
277 25.2 20.1 30.1

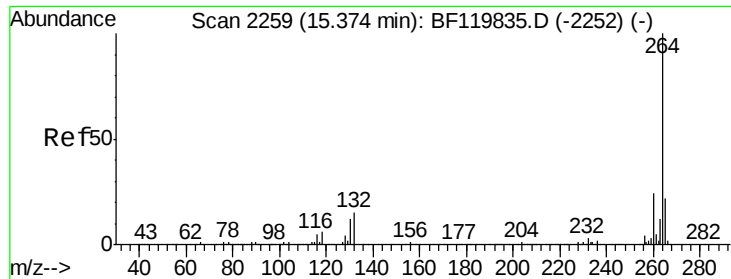


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



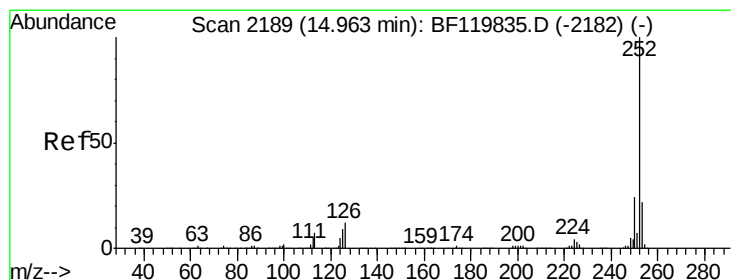
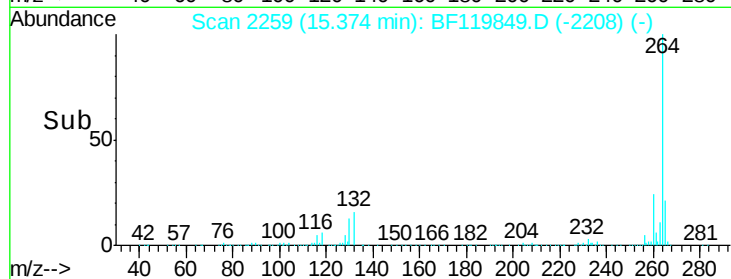
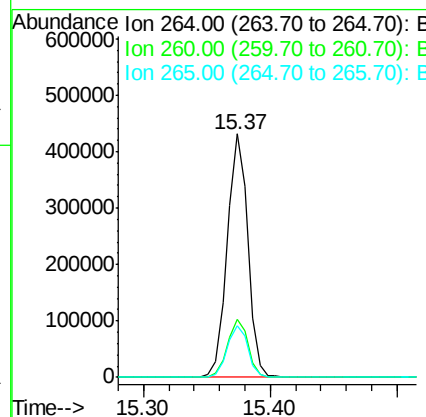
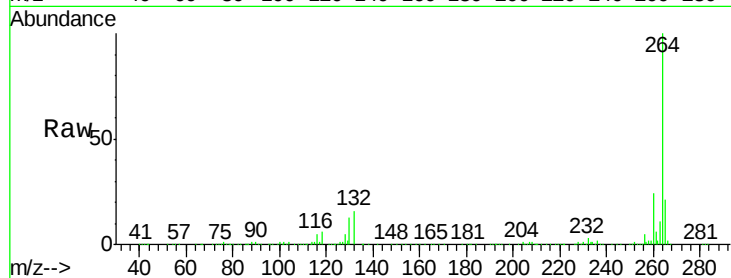


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Instrument :
BNA_F
ClientSampleID :

Tot Ion:264 Resp: 487066

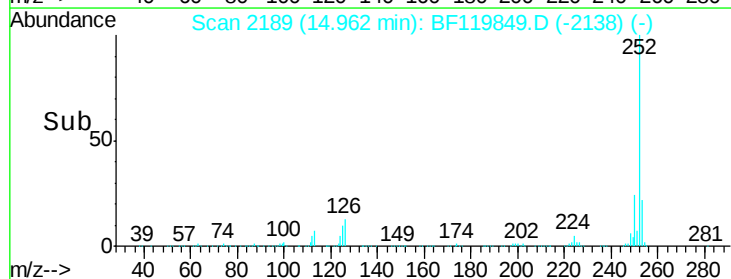
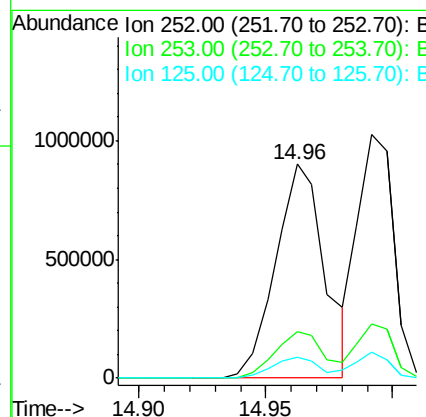
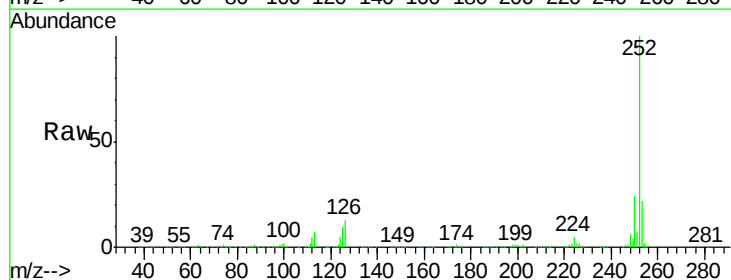
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.4	17.6	26.4

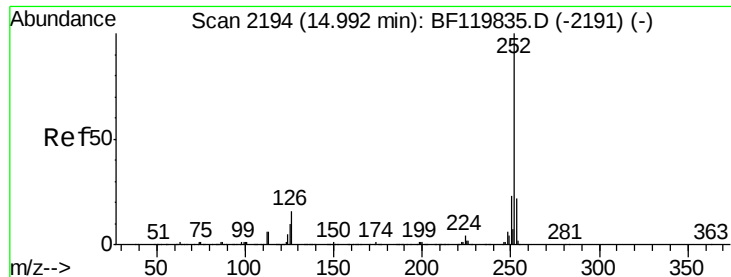


#88
Benzo(b)fluoranthene
Concen: 34.766 ng
RT: 14.96 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion:252 Resp: 1218156

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.0	7.4	11.2

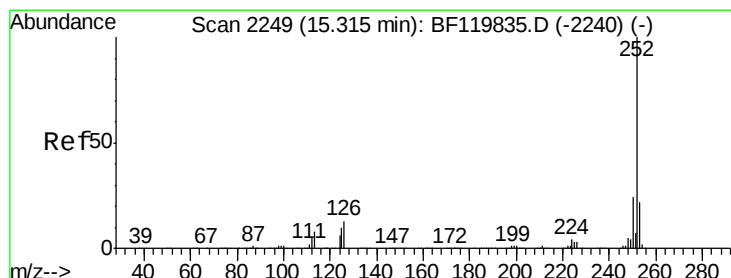
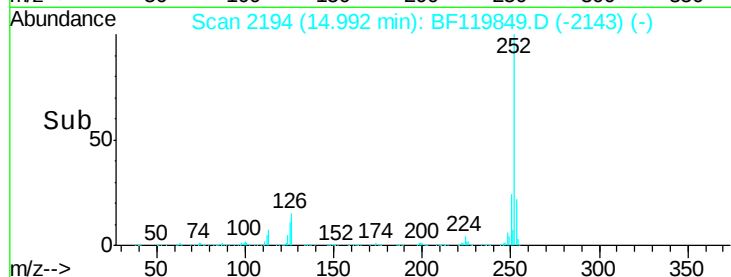
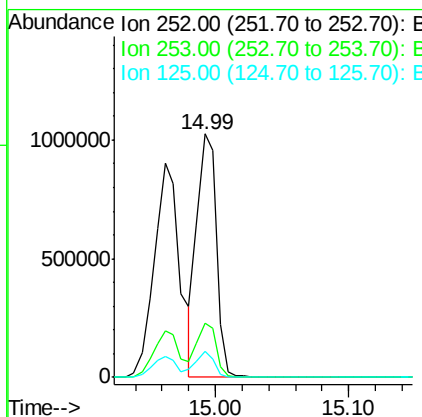
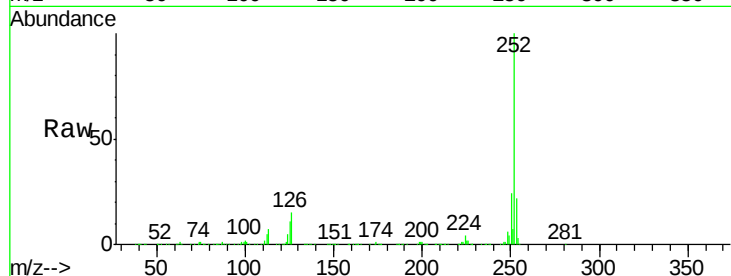




#89
Benzo(k)fluoranthene
Concen: 33.814 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

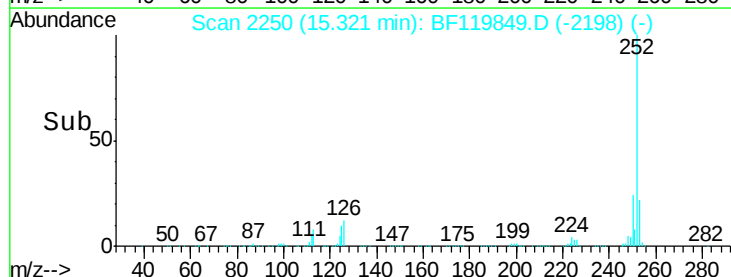
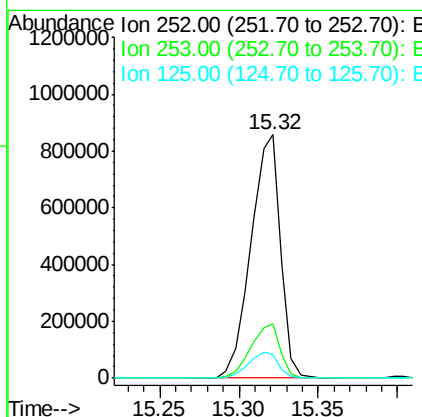
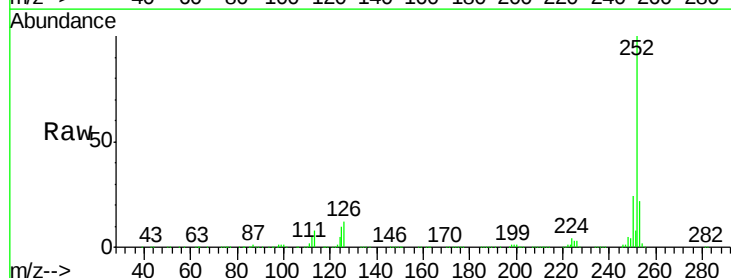
Instrument :
BNA_F
ClientSampled :

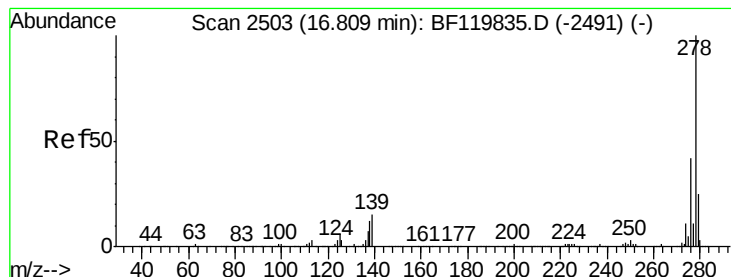
Tot Ion:252 Resp: 1022255
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.8 7.7 11.5



#90
Benzo(a)pyrene
Concen: 37.748 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF119849.D
Acq: 9 Apr 2020 3:05

Tgt Ion:252 Resp: 1112050
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 9.6 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 35.346 ng

RT: 16.81 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

Instrument :

BNA_F

ClientSampleId :

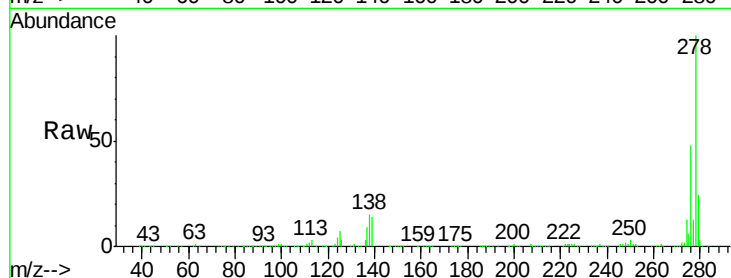
Tot Ion:278 Resp: 922364

Ion Ratio Lower Upper

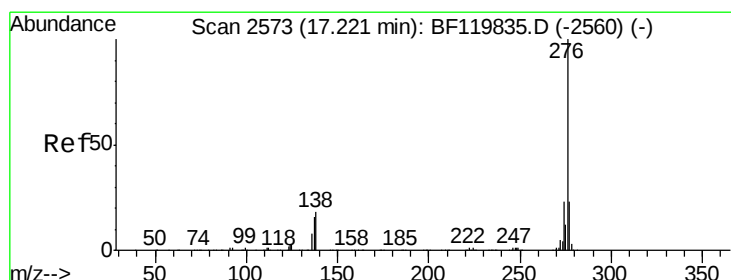
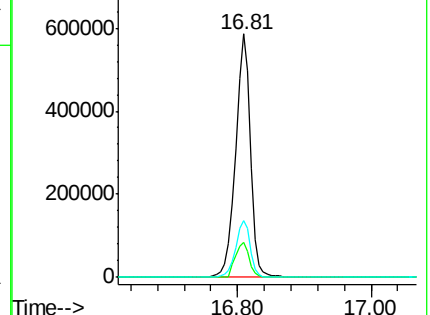
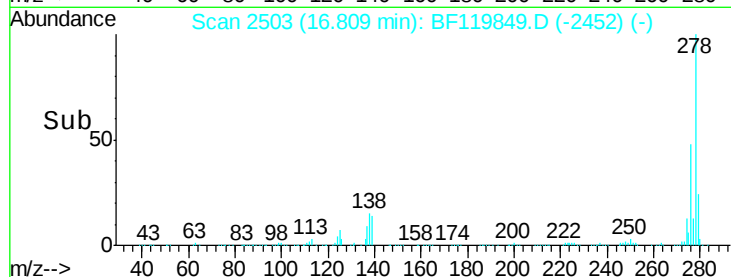
278 100

139 14.5 11.6 17.4

279 23.5 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: 33.274 ng

RT: 17.22 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BF119849.D

Acq: 9 Apr 2020 3:05

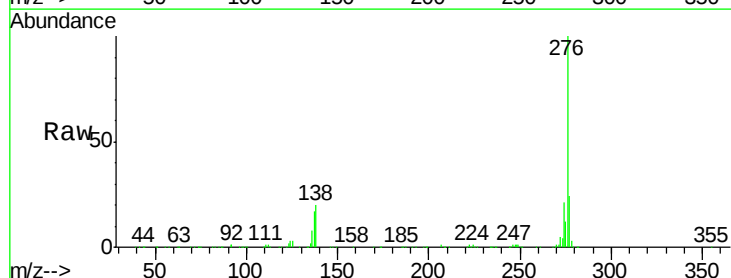
Tgt Ion:276 Resp: 857110

Ion Ratio Lower Upper

276 100

277 24.0 18.5 27.7

138 19.5 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

