

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
 Data File : BF119156.D
 Acq On : 29 Feb 2020 13:48
 Operator : CG/JU
 Sample : PB127150BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127150BS

Quant Time: Mar 02 06:00:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	162655	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	629397	20.00	ng	-0.02
39) Acenaphthene-d10	9.77	164	325460	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	631618	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	470440	20.00	ng	-0.01
87) Perylene-d12	15.31	264	233160	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1057179	108.62	ng	0.00
7) Phenol-d6	6.39	99	1327818	112.17	ng	-0.01
23) Nitrobenzene-d5	7.30	82	841071	70.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	481606	113.12	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1681531	76.11	ng	-0.02
79) Terphenyl-d14	12.83	244	1959064	71.70	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	135487	31.265	ng	99
3) Pyridine	3.24	79	313548	26.494	ng	99
4) n-Nitrosodimethylamine	3.17	42	130086	36.285	ng	97
6) Aniline	6.40	93	275529	18.864	ng	# 66
8) 2-Chlorophenol	6.53	128	403948	38.458	ng	99
10) Phenol	6.40	94	474192	37.052	ng	88
11) bis(2-Chloroethyl)ether	6.47	93	361159	36.882	ng	98
12) 1,3-Dichlorobenzene	6.67	146	441142	35.041	ng	95
13) 1,4-Dichlorobenzene	6.75	146	446850	35.470	ng	98
14) 1,2-Dichlorobenzene	6.90	146	414156	36.047	ng	100
15) Benzyl Alcohol	6.89	79	337505	39.451	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	300006	35.367	ng	96
17) 2-Methylphenol	7.00	107	330509	38.811	ng	99
18) Hexachloroethane	7.25	117	159110	35.302	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	266734	38.671	ng	97
20) 3+4-Methylphenols	7.16	107	417428	40.010	ng	88
22) Acetophenone	7.15	105	557141	38.258	ng	# 99
24) Nitrobenzene	7.32	77	419894	35.620	ng	99
25) Isophorone	7.56	82	764112	36.910	ng	100
26) 2-Nitrophenol	7.64	139	227021	36.347	ng	99
27) 2,4-Dimethylphenol	7.68	122	341635	40.302	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	468155	34.743	ng	99
29) 2,4-Dichlorophenol	7.89	162	365052	36.581	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	393383	33.248	ng	99
31) Naphthalene	8.04	128	1159379	35.518	ng	99
32) Benzoic acid	7.84	122	209145	35.788	ng	97
33) 4-Chloroaniline	8.09	127	274919	19.582	ng	97
34) Hexachlorobutadiene	8.16	225	240591	32.645	ng	98
35) Caprolactam	8.47	113	109958m	35.785	ng	
36) 4-Chloro-3-methylphenol	8.59	107	383835	38.006	ng	99
37) 2-Methylnaphthalene	8.73	142	817895	37.233	ng	98
38) 1-Methylnaphthalene	8.83	142	772717	37.404	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	412160	37.561	ng	100
41) Hexachlorocyclopentadiene	8.89	237	95591	30.516	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.02	196	255495	36.871	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	268832	36.971	nq	98
46) 1,1'-Biphenyl	9.19	154	998108	37.945	nq	98
47) 2-Chloronaphthalene	9.22	162	788842	37.215	nq	97
48) 2-Nitroaniline	9.32	65	220522	37.299	nq	96
49) Acenaphthylene	9.63	152	1178801	38.504	nq	99
50) Dimethylphthalate	9.50	163	958888	38.529	nq	100
51) 2,6-Dinitrotoluene	9.56	165	217625	39.359	nq	90
52) Acenaphthene	9.80	154	701758	38.015	nq	99
53) 3-Nitroaniline	9.73	138	156527	25.535	nq	97
54) 2,4-Dinitrophenol	9.85	184	197656	74.154	nq	93
55) Dibenzofuran	9.98	168	1063401	38.594	nq	96
56) 4-Nitrophenol	9.92	139	236072	64.099	nq	94
57) 2,4-Dinitrotoluene	9.97	165	281025	39.211	nq	97
58) Fluorene	10.32	166	859886	40.162	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	233180	38.004	nq	98
60) Diethylphthalate	10.20	149	922580	39.337	nq	100
61) 4-Chlorophenyl-phenylether	10.31	204	446560	39.403	nq	97
62) 4-Nitroaniline	10.35	138	207241	33.045	nq	96
63) Azobenzene	10.47	77	815282	39.993	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	156833	41.034	nq	96
66) n-Nitrosodiphenylamine	10.43	169	765600	37.019	nq	100
67) 4-Bromophenyl-phenylether	10.80	248	298208	36.120	nq	94
68) Hexachlorobenzene	10.87	284	336215	35.321	nq	95
69) Atrazine	10.96	200	98013	13.564	nq	98
70) Pentachlorophenol	11.07	266	396557	103.421	nq	99
71) Phenanthrene	11.28	178	1274336	36.996	nq	98
72) Anthracene	11.33	178	1244659	36.164	nq	98
73) Carbazole	11.49	167	1111804	36.261	nq	99
74) Di-n-butylphthalate	11.82	149	1394568	37.558	nq	98
75) Fluoranthene	12.46	202	1330020	36.376	nq	99
77) Benzidine	12.59	184	71167	3.720	nq	98
78) Pyrene	12.69	202	1308038	34.626	nq	99
80) Butylbenzylphthalate	13.30	149	561267	35.303	nq	96
81) Benzo(a)anthracene	13.88	228	1069968	33.380	nq	98
82) 3,3'-Dichlorobenzidine	13.84	252	281062	22.581	nq	100
83) Chrysene	13.92	228	1027905	32.183	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	729513	36.320	nq	98
85) Di-n-octyl phthalate	14.47	149	1095140	34.220	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	888506	28.730	nq	100
88) Benzo(b)fluoranthene	14.90	252	856125	55.706	nq	100
89) Benzo(k)fluoranthene	14.93	252	886746	62.261	nq	99
90) Benzo(a)pyrene	15.25	252	776948	56.014	nq	99
91) Dibenzo(a,h)anthracene	16.72	278	760043	62.276	nq	99
92) Benzo(g,h,i)perylene	17.13	276	755387	62.643	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.01 min

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PB127150BS

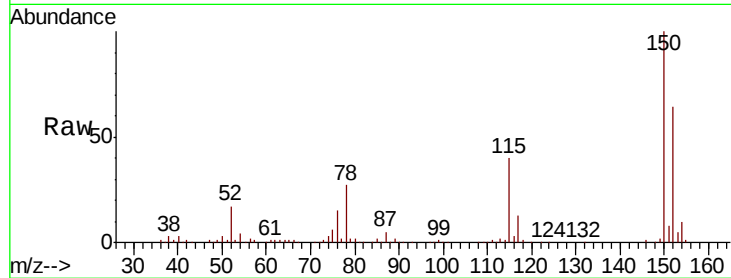
Tot Ion:152 Resp: 162655

Ion Ratio Lower Upper

152 100

150 155.4 123.0 184.6

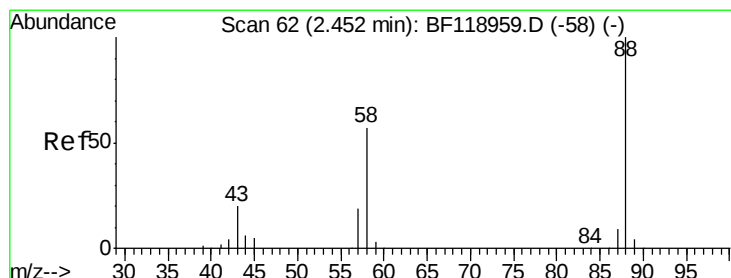
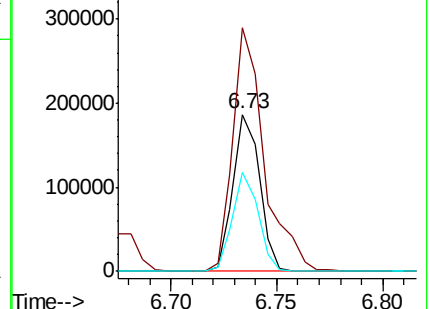
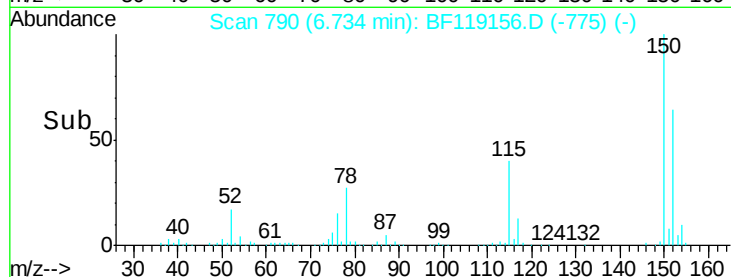
115 62.8 49.5 74.3



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: 31.265 ng

RT: 2.50 min Scan# 70

Delta R.T. 0.06 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

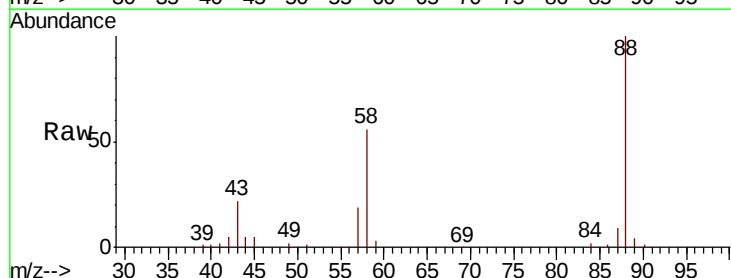
Tgt Ion: 88 Resp: 135487

Ion Ratio Lower Upper

88 100

58 54.4 43.8 65.6

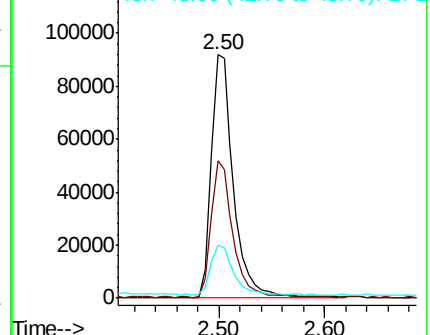
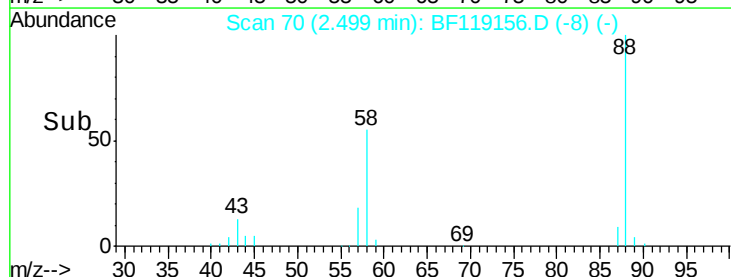
43 20.8 16.2 24.4

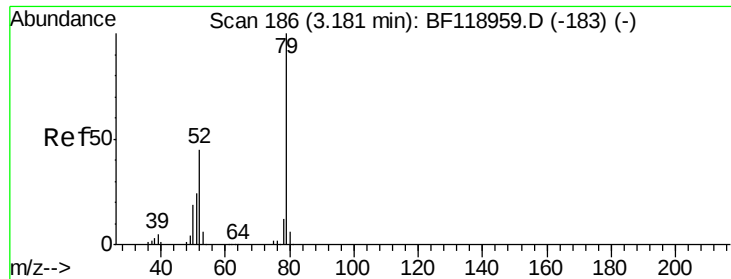


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

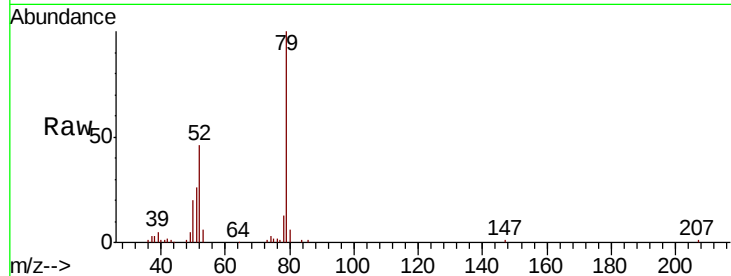




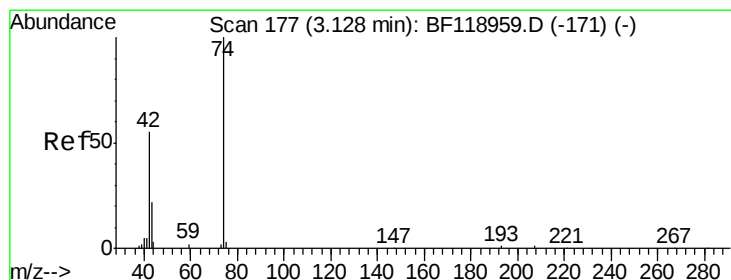
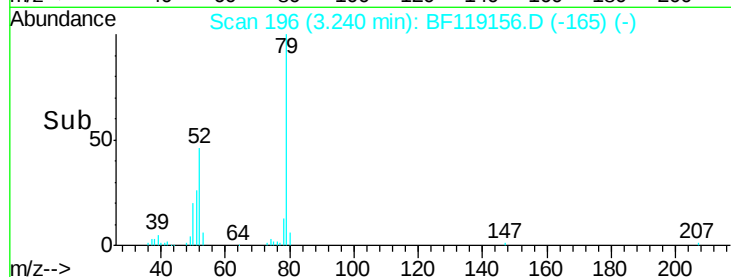
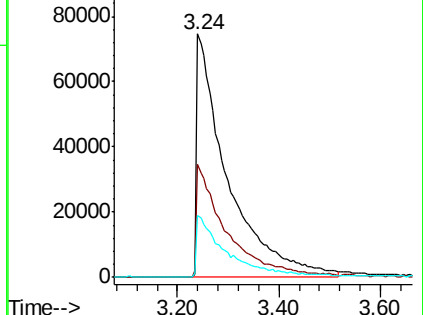
#3
 Pvridine
 Concen: 26.494 ng
 RT: 3.24 min Scan# 196
 Delta R.T. 0.08 min
 Lab File: BF119156.D
 Acq: 29 Feb 2020 13:48

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 ClientSampleId :
 PB127150BS

Tot Ion: 79 Resp: 313548
 Ion Ratio Lower Upper
 79 100
 52 46.2 37.4 56.0
 51 25.5 19.8 29.6

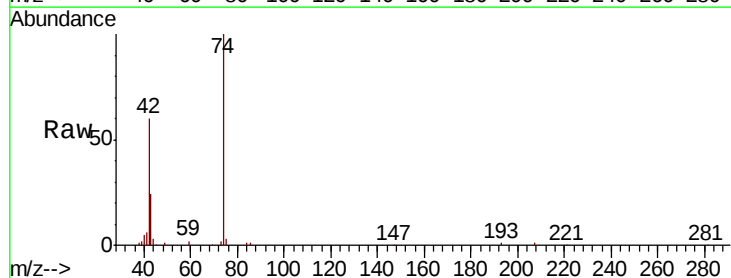


Abundance Ion 79.00 (78.70 to 79.70): BF1
 100000 Ion 52.00 (51.70 to 52.70): BF1
 80000 Ion 51.00 (50.70 to 51.70): BF1
 60000
 40000
 20000
 0

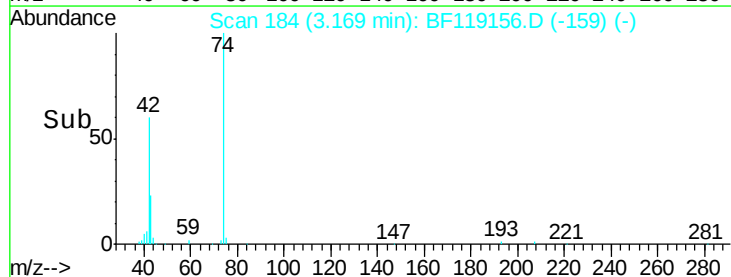
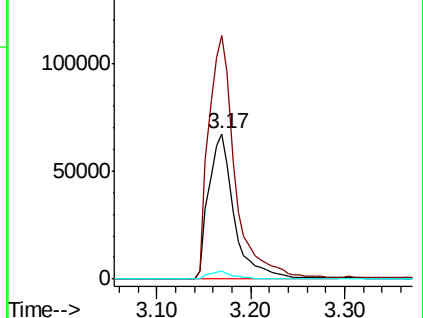


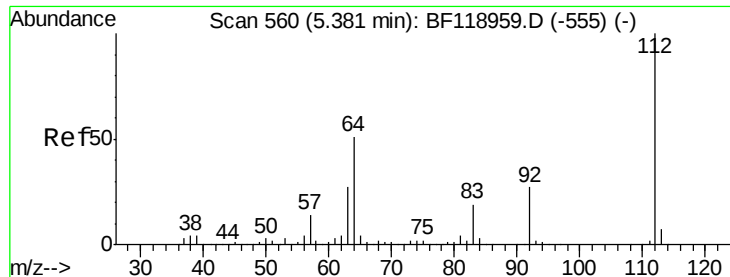
#4
 n-Nitrosodimethylamine
 Concen: 36.285 ng
 RT: 3.17 min Scan# 184
 Delta R.T. 0.05 min
 Lab File: BF119156.D
 Acq: 29 Feb 2020 13:48

Tgt Ion: 42 Resp: 130086
 Ion Ratio Lower Upper
 42 100
 74 167.4 137.7 206.5
 44 5.4 4.5 6.7



Abundance Ion 42.00 (41.70 to 42.70): BF1
 150000 Ion 74.00 (73.70 to 74.70): BF1
 100000 Ion 44.00 (43.70 to 44.70): BF1
 50000
 0

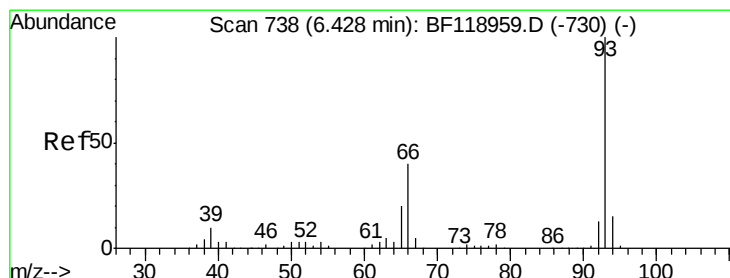
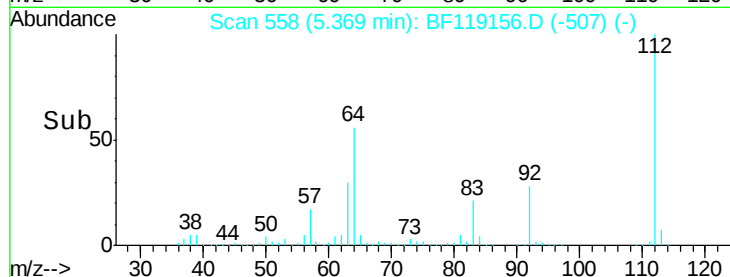
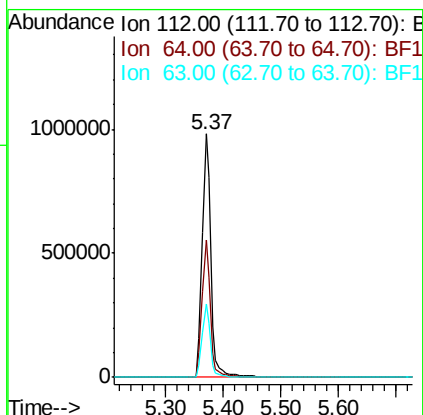
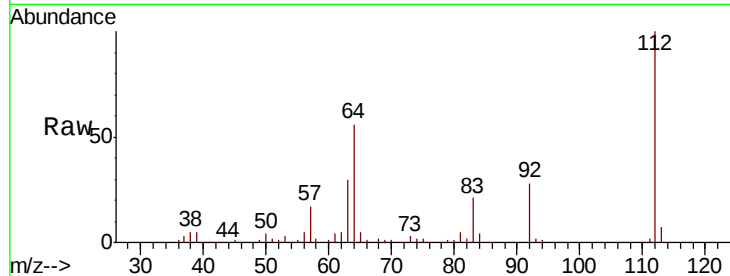




#5
2-Fluorophenol
Concen: 108.618 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

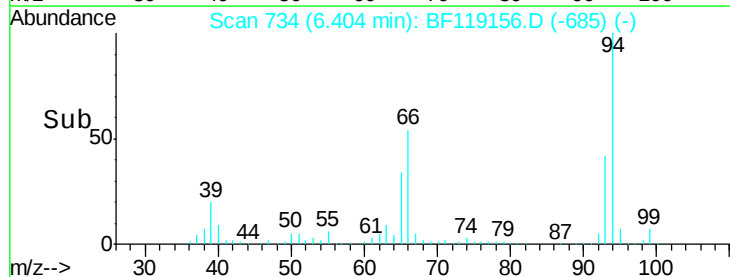
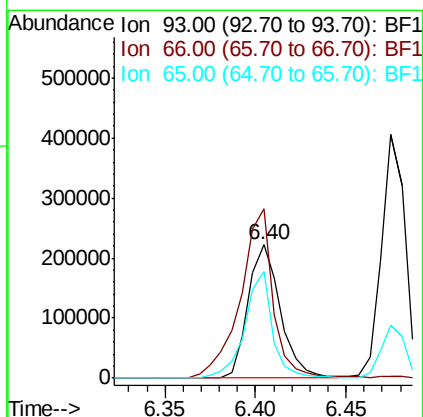
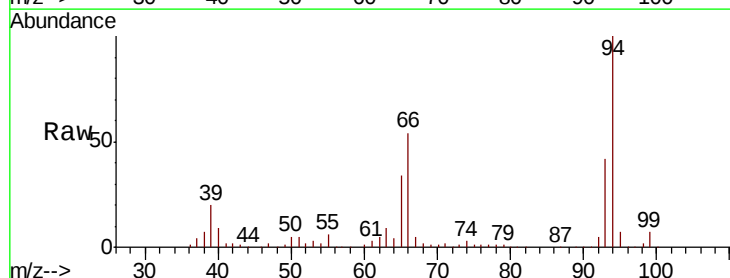
Instrument :
BNA_F
ClientSampleId :
PB127150BS

Tot Ion:112 Resp: 1057179
Ion Ratio Lower Upper
112 100
64 56.3 45.0 67.4
63 29.9 24.2 36.4



#6
Aniline
Concen: 18.864 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Tgt Ion: 93 Resp: 275529
Ion Ratio Lower Upper
93 100
66 127.0 74.5 111.7#
65 80.3 45.3 67.9#





#7

Phenol-d6

Concen: 112.175 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

Instrument :

BNA_F

ClientSampleId :

PB127150BS

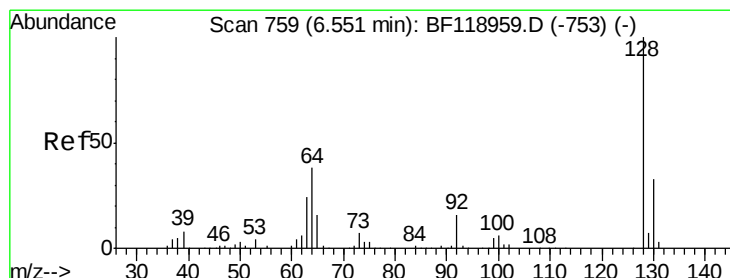
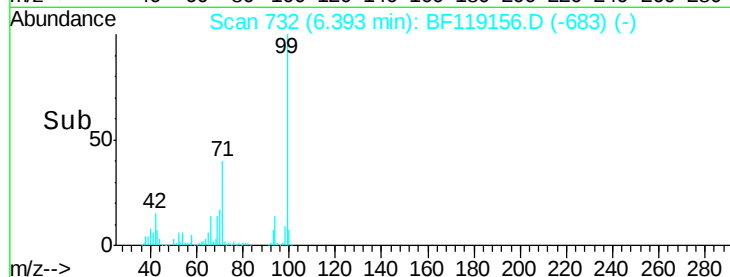
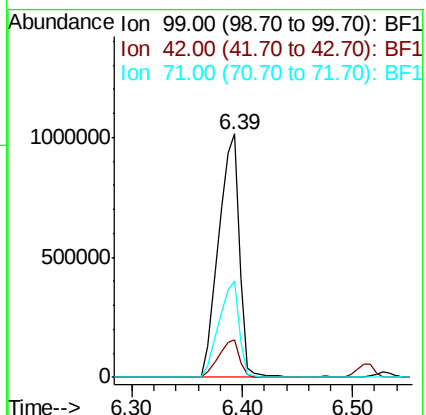
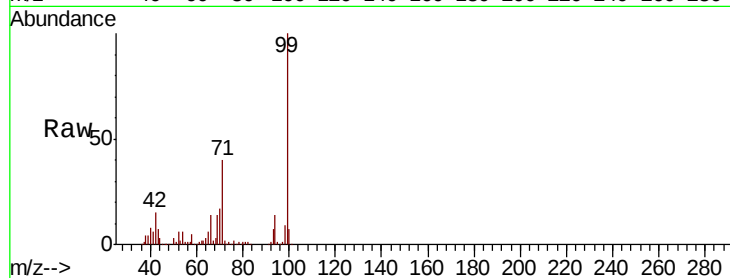
Tot Ion: 99 Resp: 1327818

Ion Ratio Lower Upper

99 100

42 15.2 12.6 18.8

71 39.5 31.0 46.4



#8

2-Chlorophenol

Concen: 38.458 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

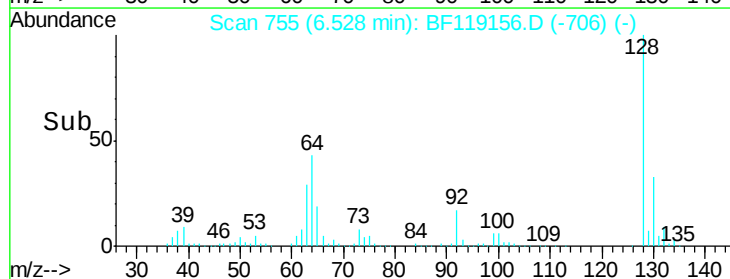
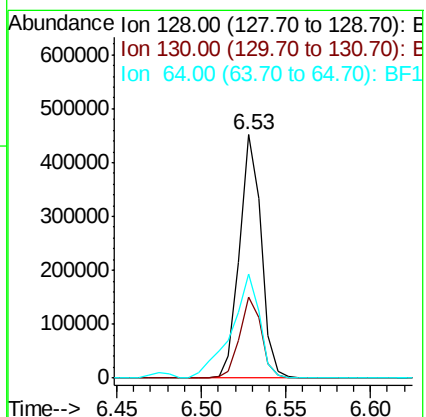
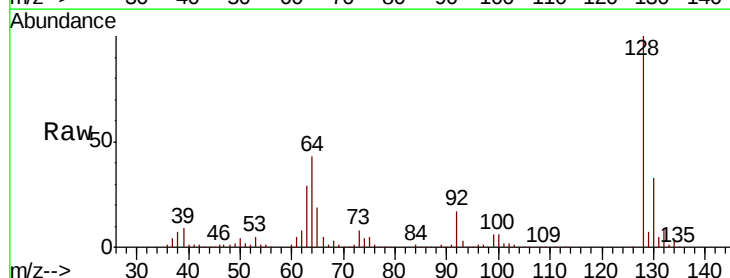
Tgt Ion:128 Resp: 403948

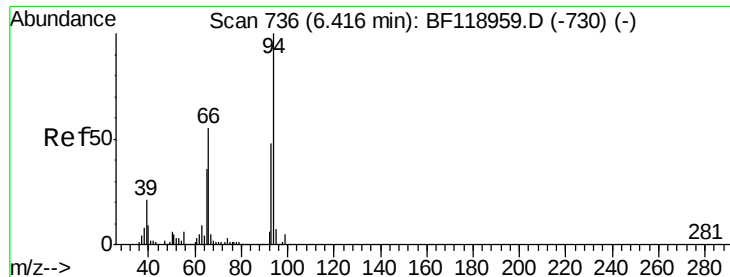
Ion Ratio Lower Upper

128 100

130 33.3 12.7 52.7

64 43.0 22.3 62.3





#10

Phenol

Concen: 37.052 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

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Acq: 29 Feb 2020 13:48

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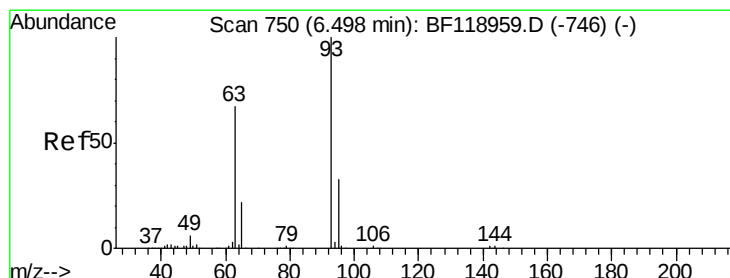
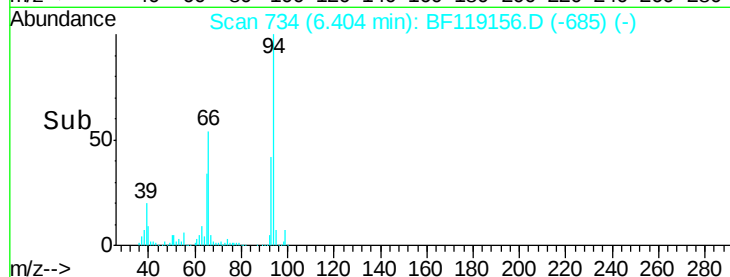
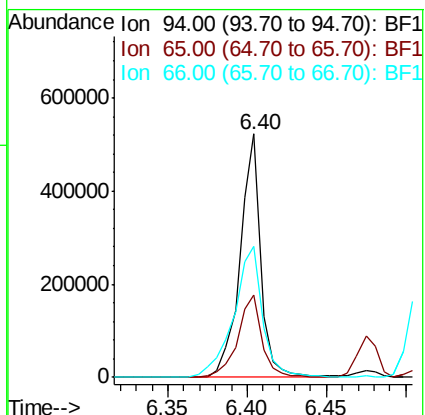
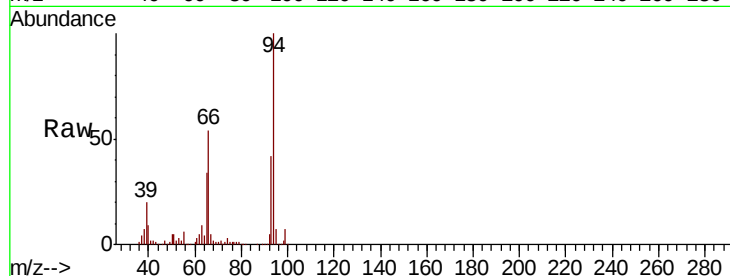
Tot Ion: 94 Resp: 474192

Ion Ratio Lower Upper

94 100

65 34.1 19.2 59.2

66 53.9 44.4 84.4



#11

bis(2-Chloroethyl)ether

Concen: 36.882 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

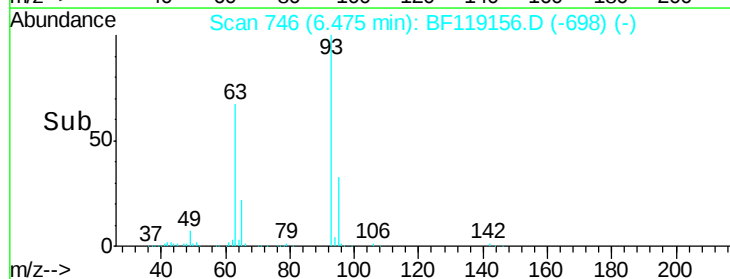
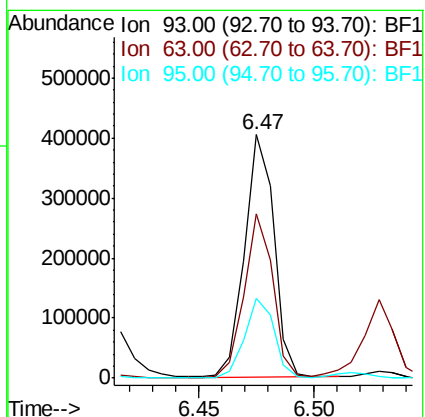
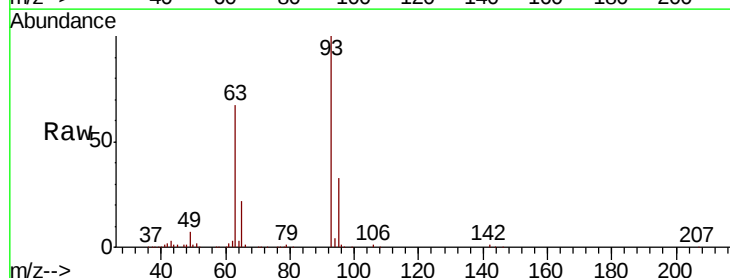
Tgt Ion: 93 Resp: 361159

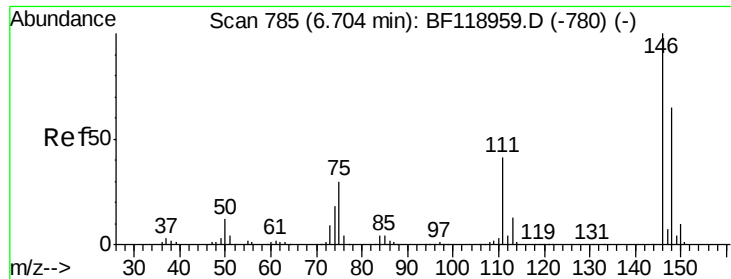
Ion Ratio Lower Upper

93 100

63 67.5 45.4 85.4

95 32.8 13.5 53.5

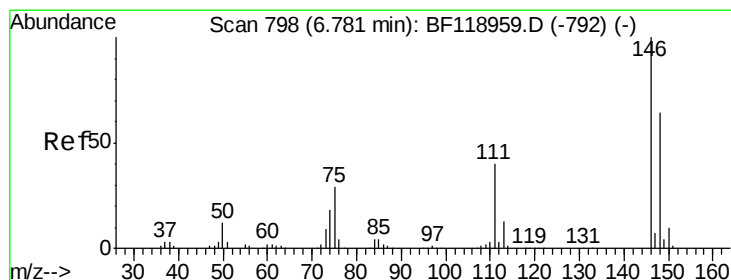
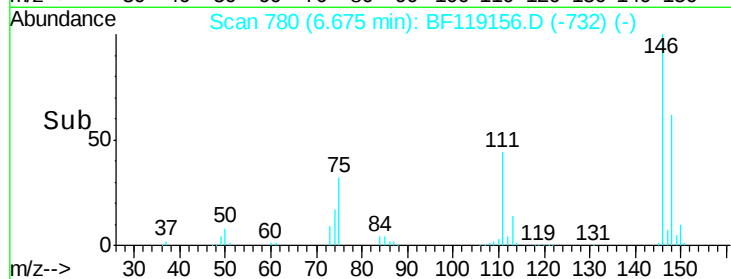
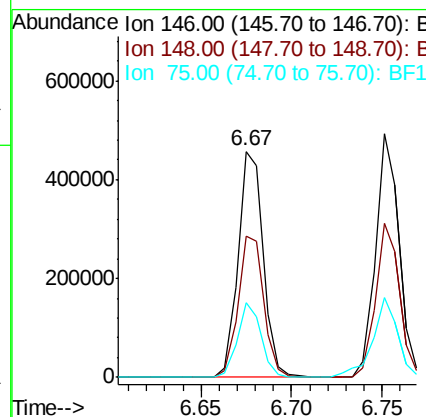
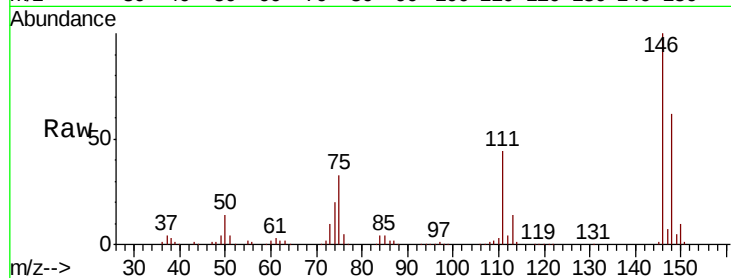




#12
 1,3-Dichlorobenzene
 Concen: 35.041 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.02 min
 Lab File: BF119156.D
 Acq: 29 Feb 2020 13:48

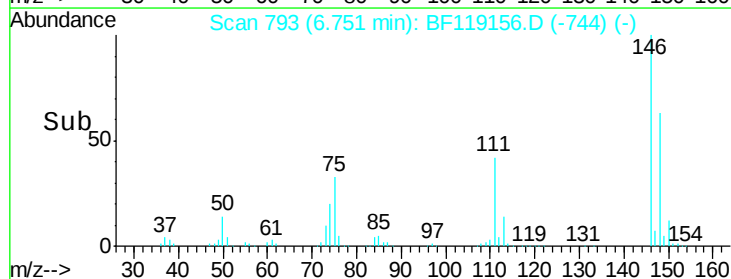
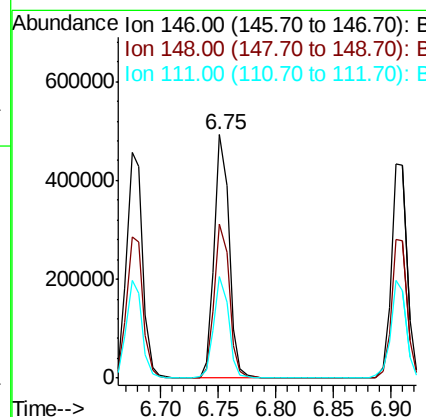
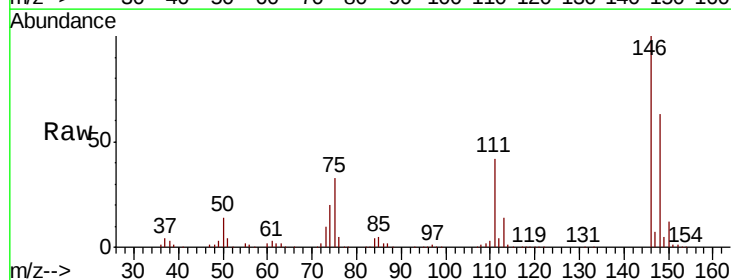
Instrument :
 BNA_F
 ClientSampleId :
 PB127150BS

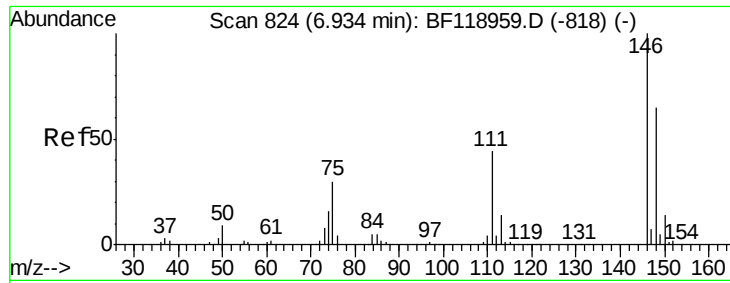
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.5	78.7
75	32.9	23.6	35.4



#13
 1,4-Dichlorobenzene
 Concen: 35.470 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119156.D
 Acq: 29 Feb 2020 13:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	41.6	34.8	52.2

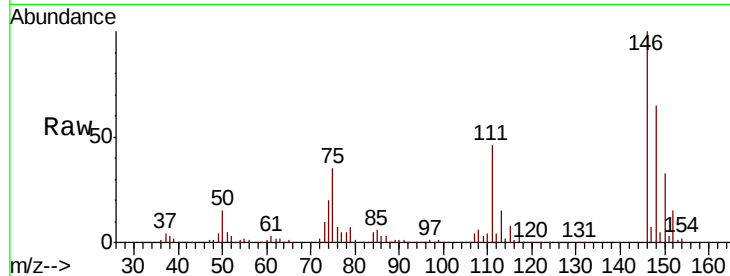




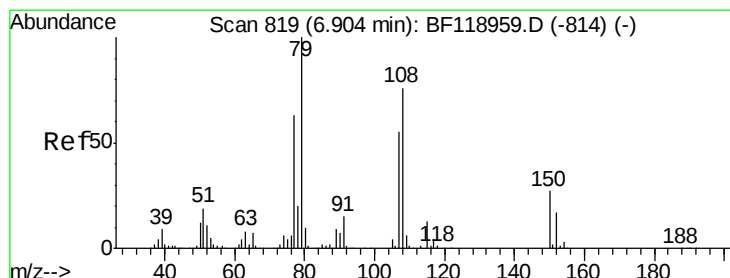
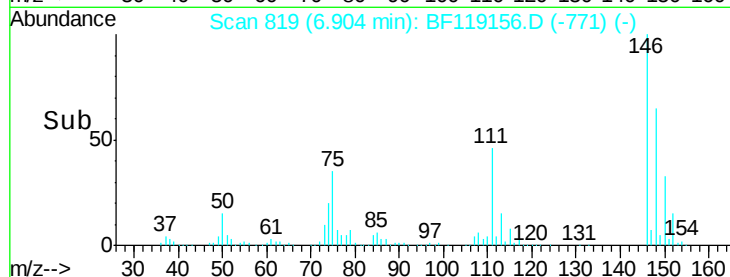
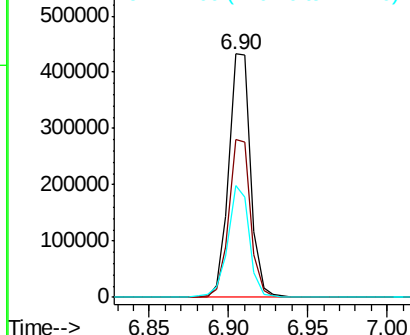
#14
1,2-Dichlorobenzene
Concen: 36.047 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Instrument :
BNA_F
ClientSampleId :
PB127150BS

Tot Ion:146 Resp: 414156
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
111 45.8 36.2 54.2

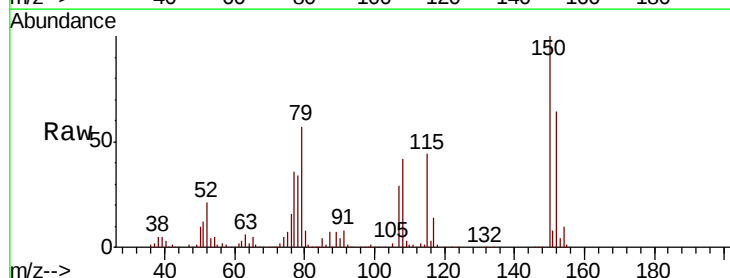


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

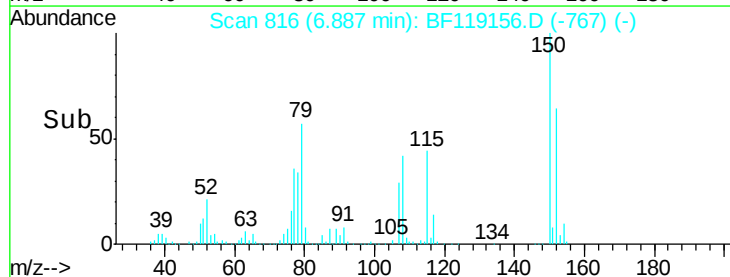
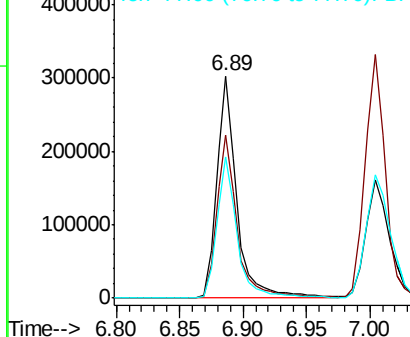


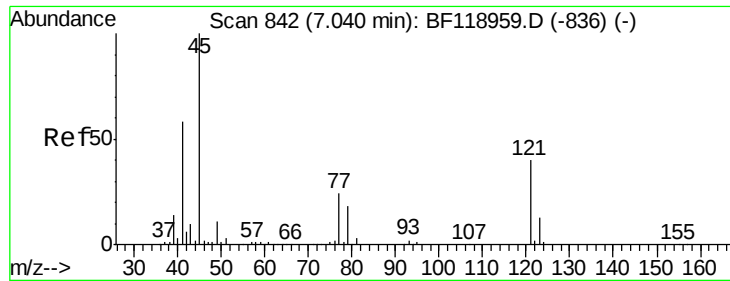
#15
Benzyl Alcohol
Concen: 39.451 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Tgt Ion: 79 Resp: 337505
Ion Ratio Lower Upper
79 100
108 73.6 58.2 87.2
77 63.9 51.2 76.8



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

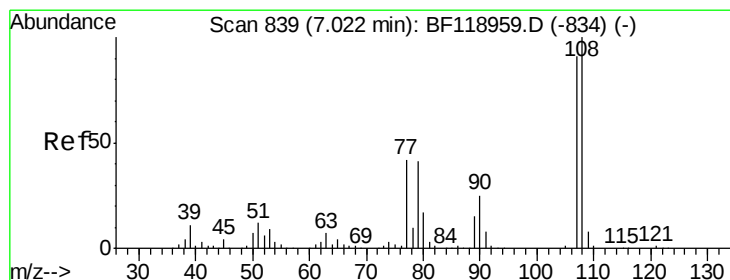
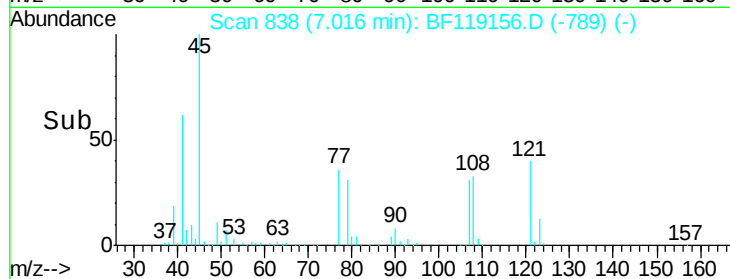
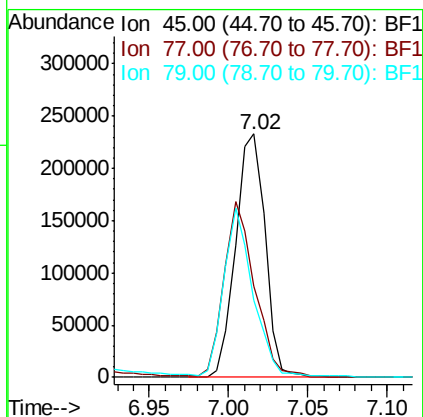
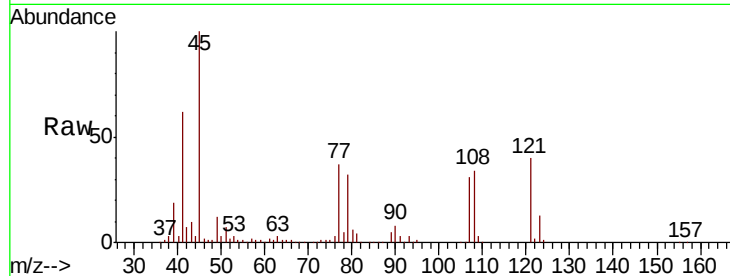




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 35.367 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

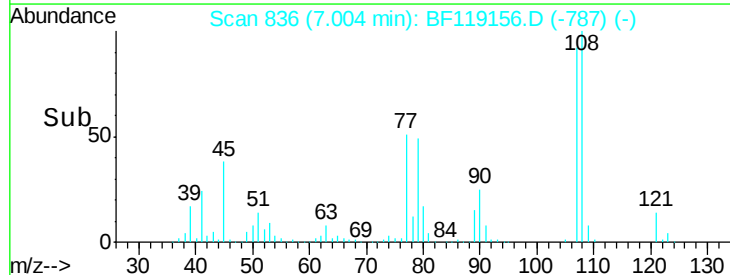
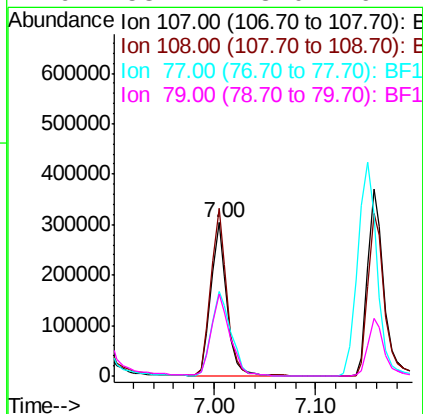
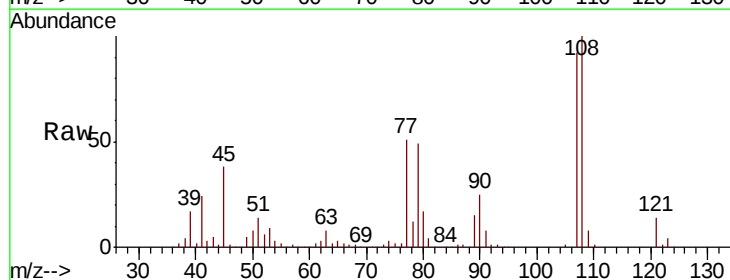
Instrument :
BNA_F
ClientSampleId :
PB127150BS

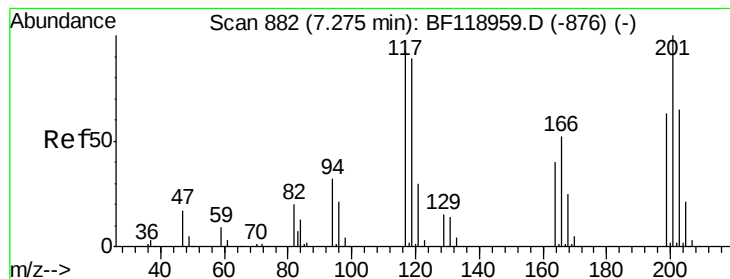
Tot Ion: 45 Resp: 300006
Ion Ratio Lower Upper
45 100
77 37.3 15.0 55.0
79 31.7 9.4 49.4



#17
2-Methylphenol
Concen: 38.811 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Tgt Ion: 107 Resp: 330509
Ion Ratio Lower Upper
107 100
108 109.1 87.9 131.9
77 55.4 45.3 67.9
79 53.1 43.0 64.4





#18

Hexachloroethane

Concen: 35.302 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

Instrument :

BNA_F

ClientSampleId :

PB127150BS

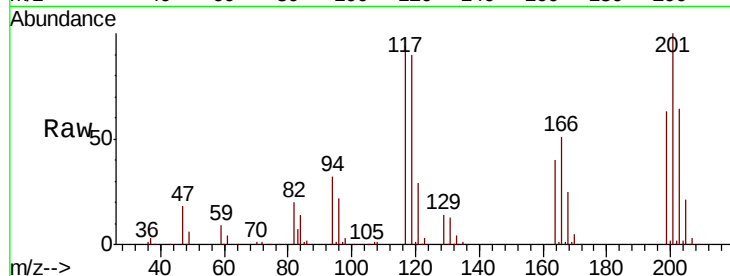
Tot Ion:117 Resp: 159110

Ion Ratio Lower Upper

117 100

119 96.8 77.5 116.3

201 106.9 82.6 123.8

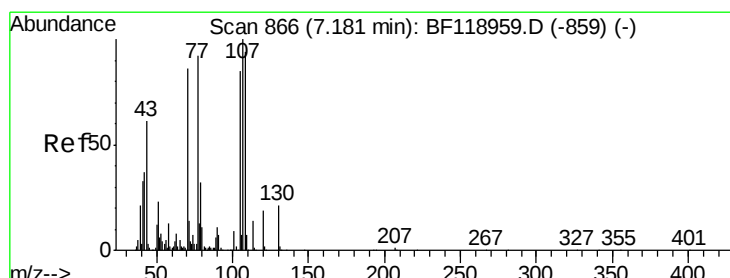
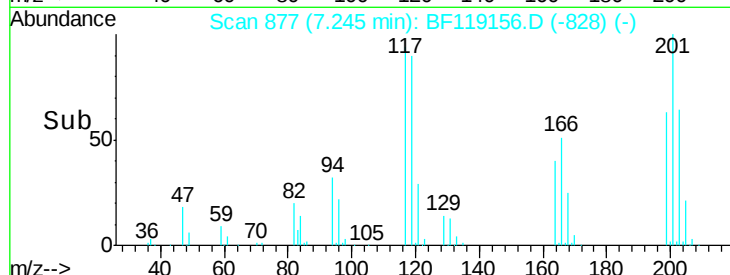
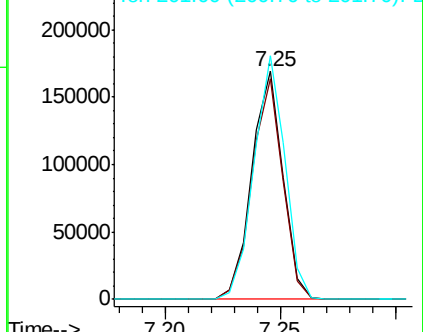


Abundance

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: 38.671 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

Tgt Ion: 70 Resp: 266734

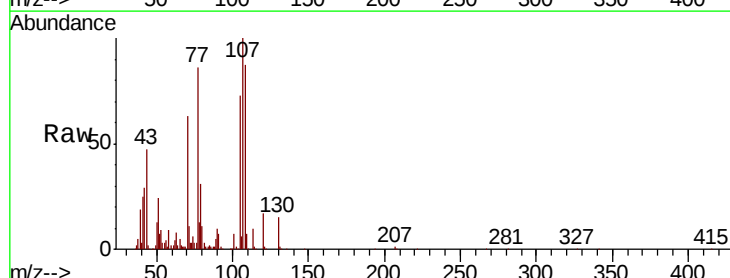
Ion Ratio Lower Upper

70 100

42 45.8 38.0 57.0

101 10.4 8.2 12.4

130 24.6 18.2 27.4



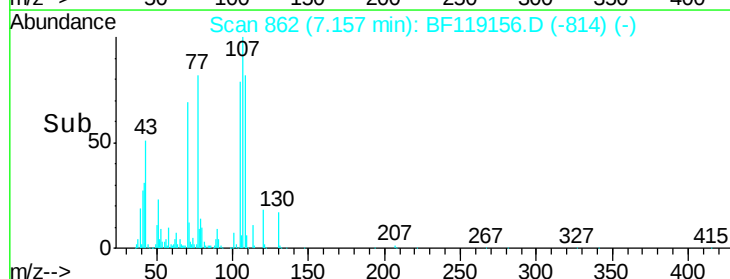
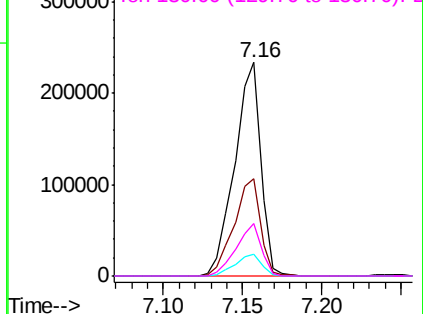
Abundance

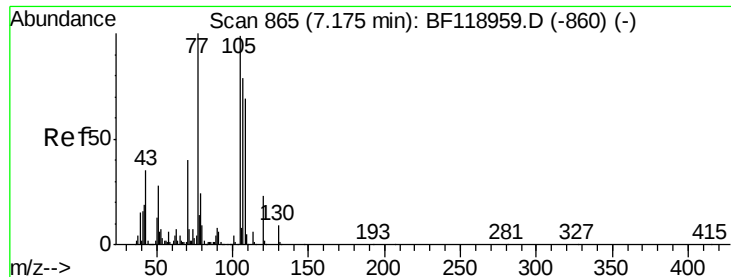
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

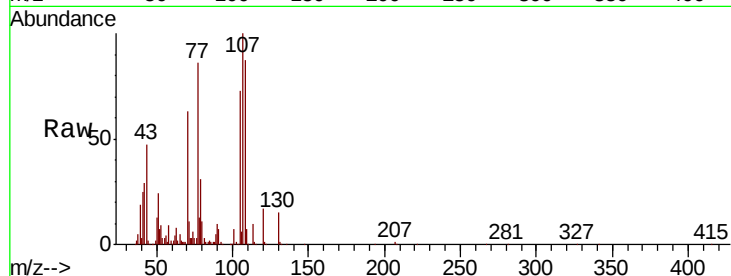




#20
3+4-Methylphenols
Concen: 40.010 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Instrument :
BNA_F
ClientSampleId :
PB127150BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	86.8	71.5	111.5
77	85.7	45.9	85.9
79	30.6	13.8	53.8



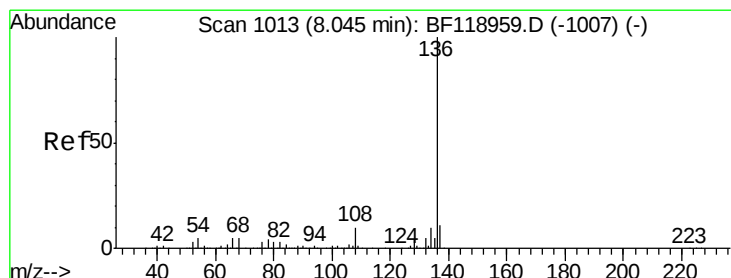
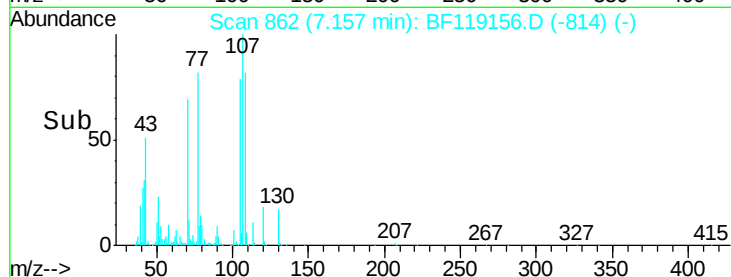
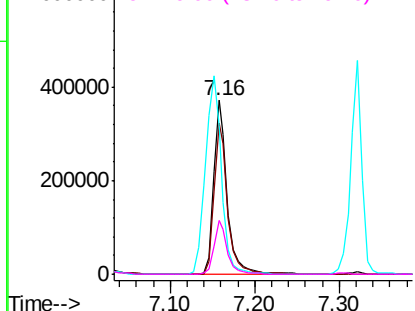
Abundance

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



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	5.2	3.8	5.6
68	5.3	3.9	5.9

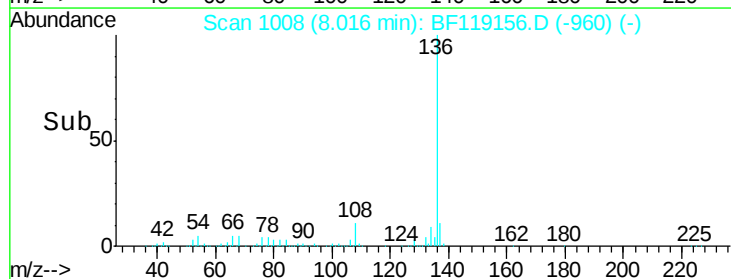
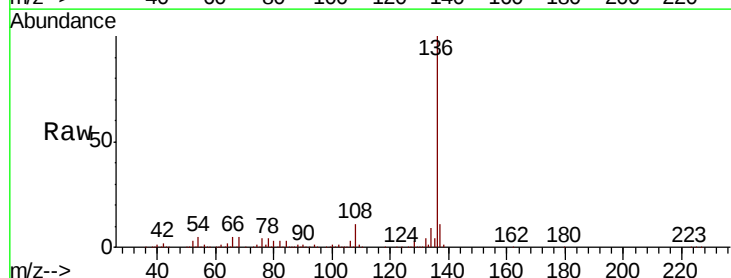
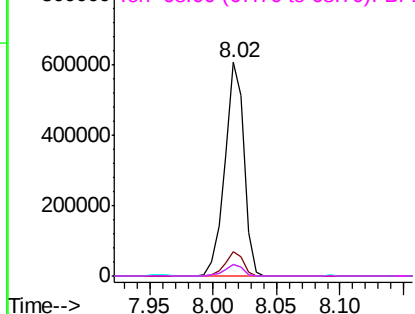
Abundance

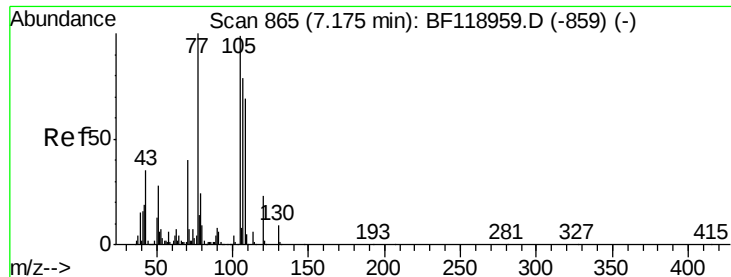
Ion 136.00 (135.70 to 136.70): E

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: 38.258 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

Instrument :

BNA_F

ClientSampleId :

PB127150BS

Tot Ion:105 Resp: 557141

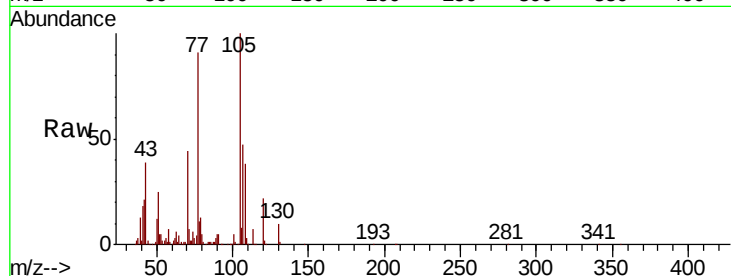
Ion Ratio Lower Upper

105 100

71 7.4 3.0 4.4#

51 25.3 20.1 30.1

120 22.5 18.0 27.0

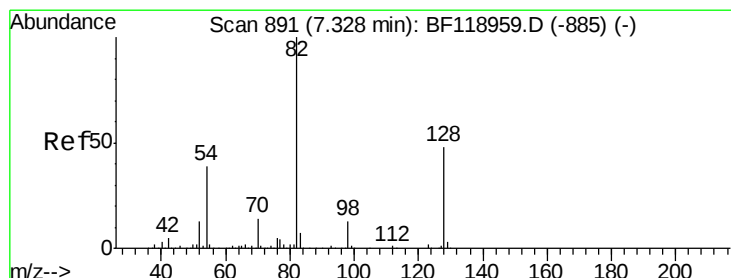
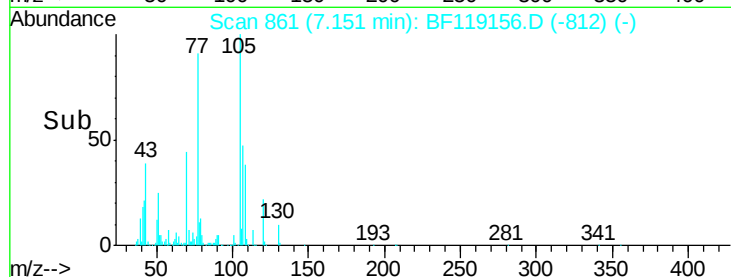
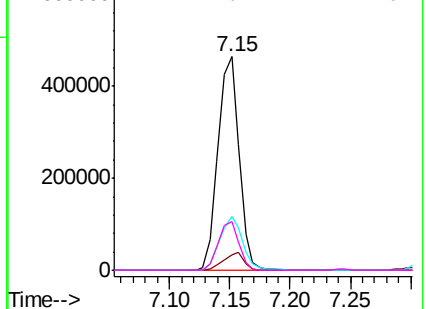


Abundance Ion 105.00 (104.70 to 105.70): E

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: 70.557 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

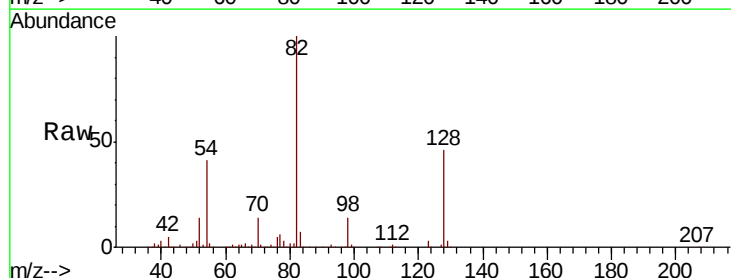
Tgt Ion: 82 Resp: 841071

Ion Ratio Lower Upper

82 100

128 46.2 37.9 56.9

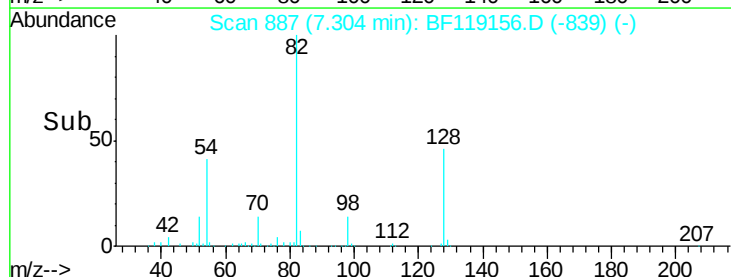
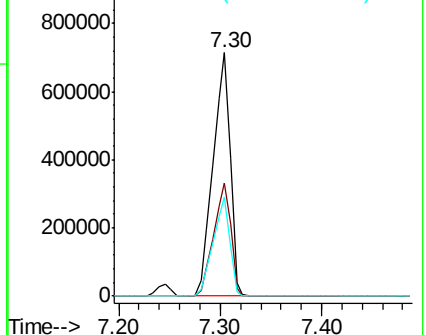
54 40.8 33.4 50.2

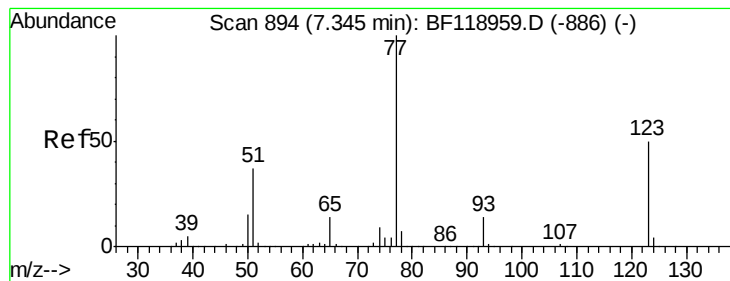


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 35.620 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

Instrument :

BNA_F

ClientSampleId :

PB127150BS

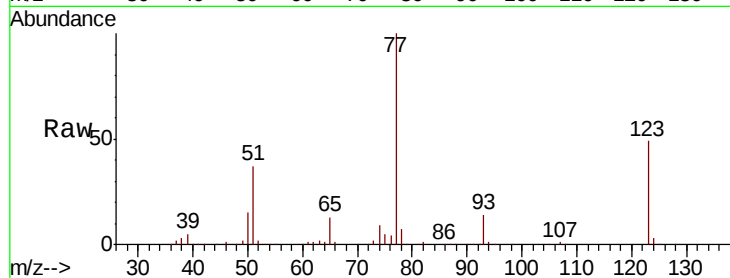
Tot Ion: 77 Resp: 419894

Ion Ratio Lower Upper

77 100

123 49.0 40.2 60.2

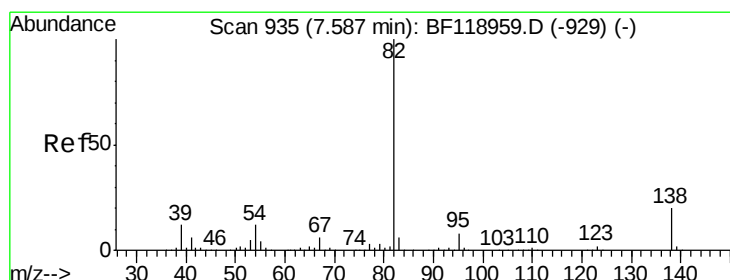
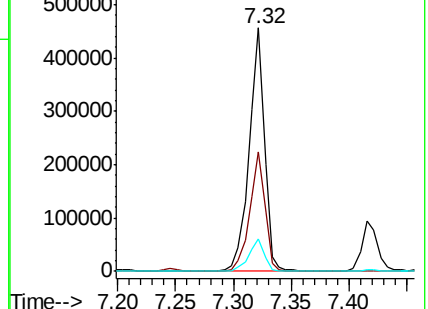
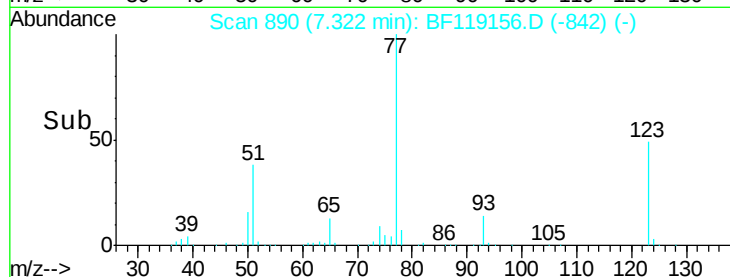
65 13.4 10.8 16.2



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: 36.910 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

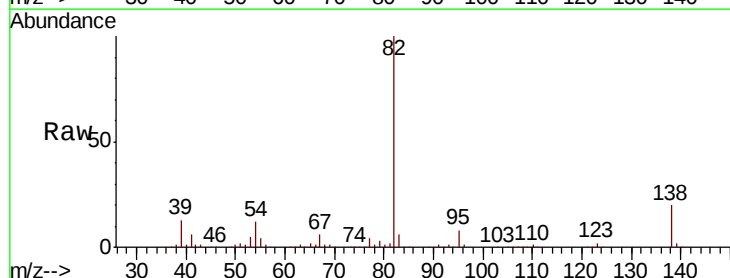
Tgt Ion: 82 Resp: 764112

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

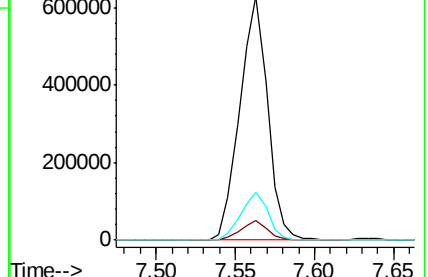
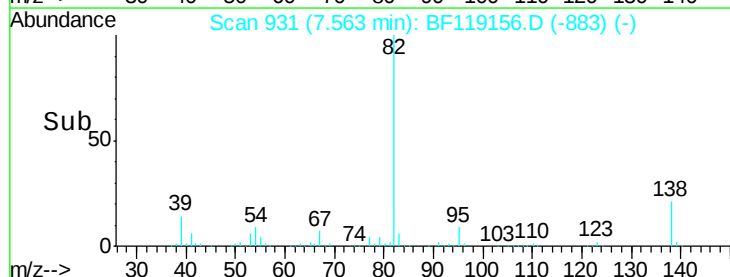
138 19.6 15.7 23.5

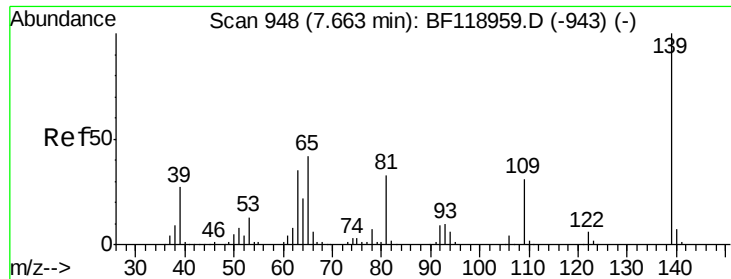


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

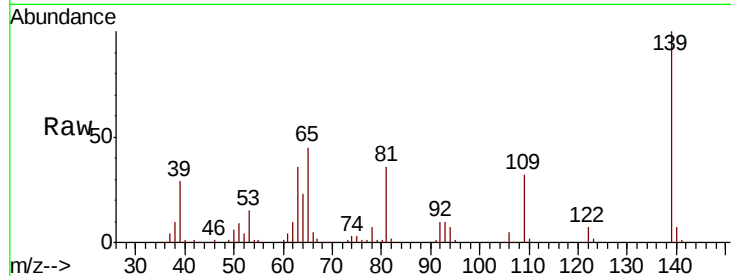




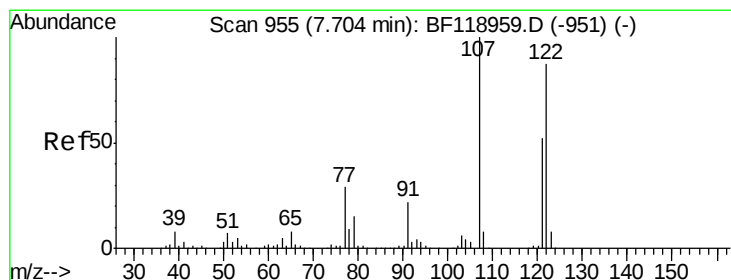
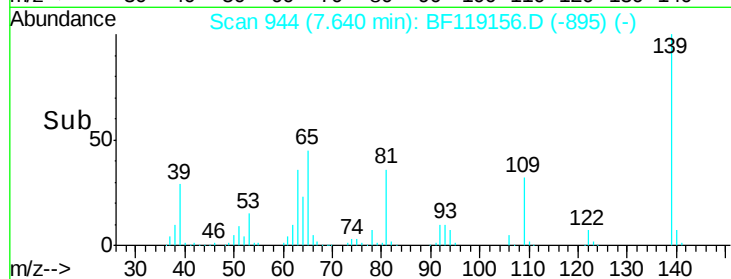
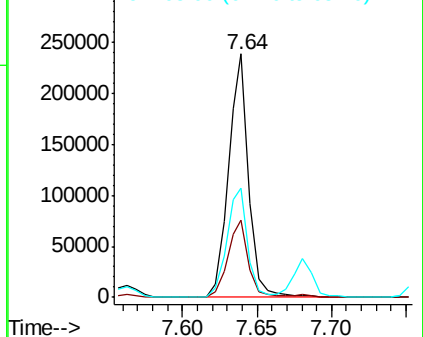
#26
2-Nitrophenol
Concen: 36.347 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Instrument :
BNA_F
ClientSampleId :
PB127150BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	31.9	25.7	38.5
65	45.0	37.1	55.7

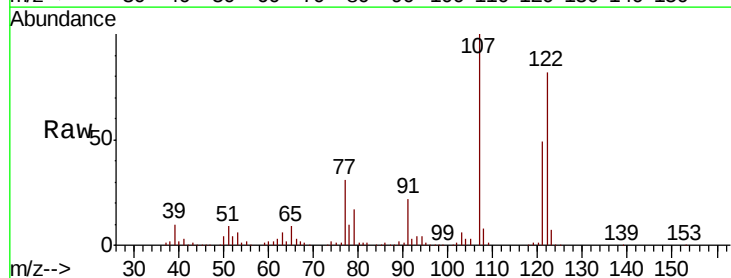


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

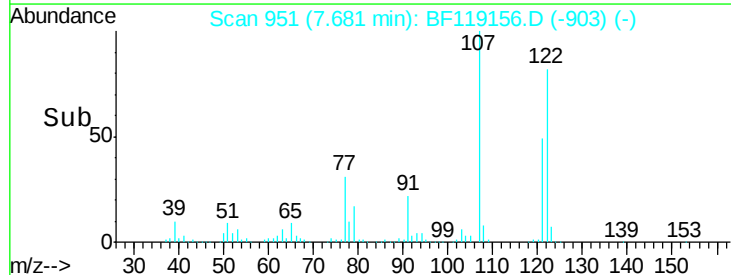
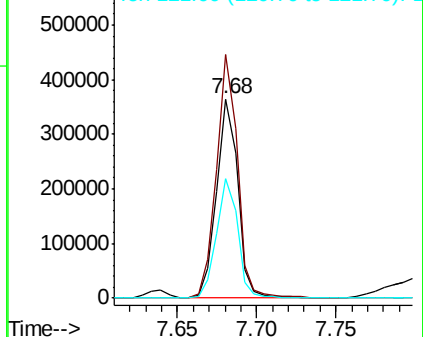


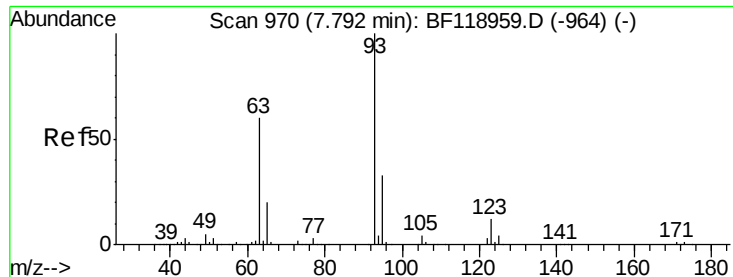
#27
2,4-Dimethylphenol
Concen: 40.302 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.1	93.8	140.6
121	59.9	48.2	72.2



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: 34.743 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

Instrument :

BNA_F

ClientSampleId :

PB127150BS

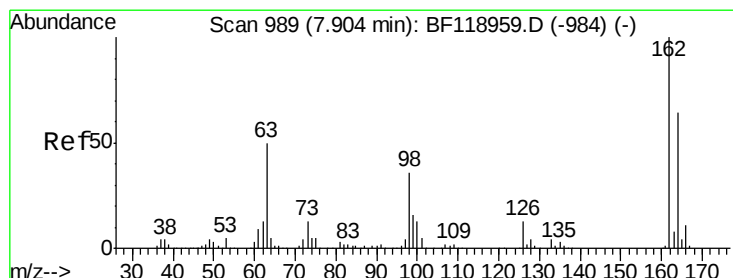
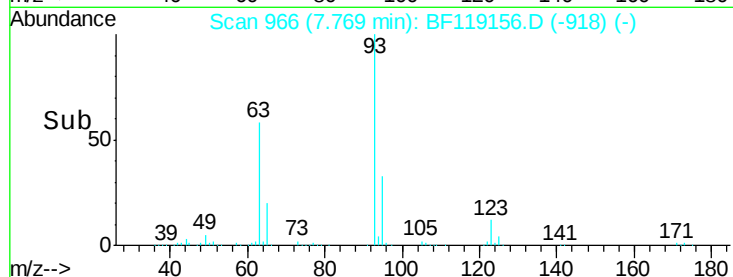
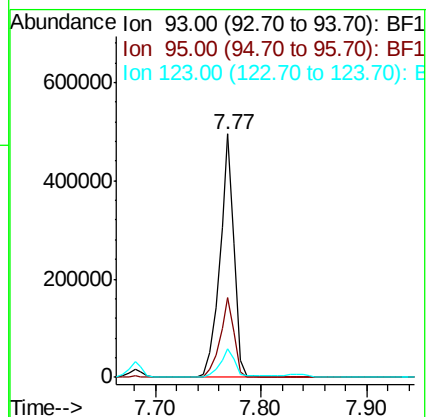
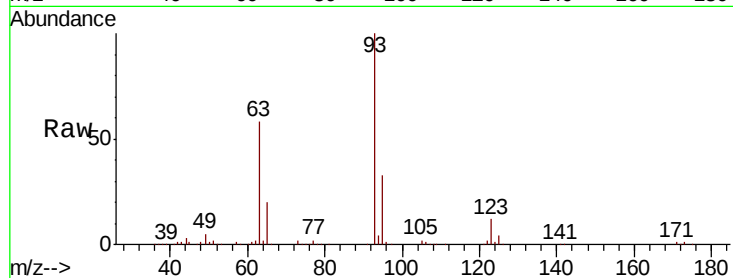
Tot Ion: 93 Resp: 468155

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

123 11.9 10.2 15.2



#29

2,4-Dichlorophenol

Concen: 36.581 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

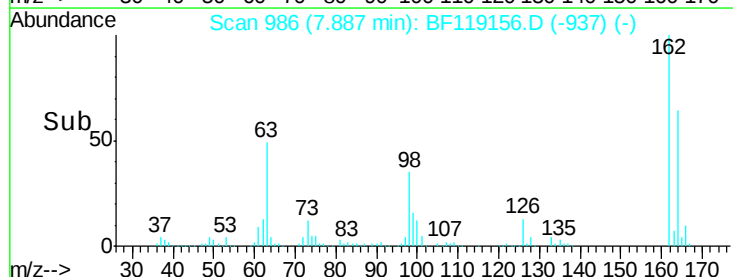
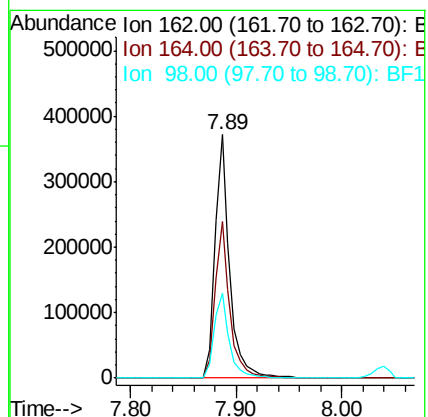
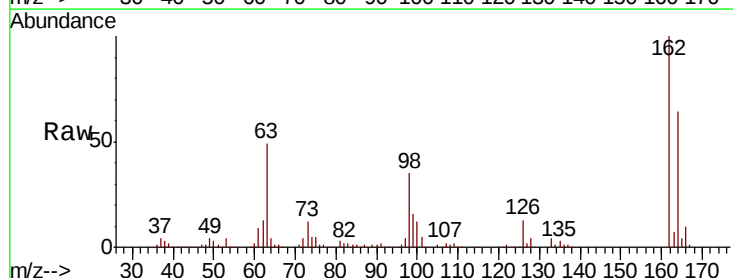
Tgt Ion: 162 Resp: 365052

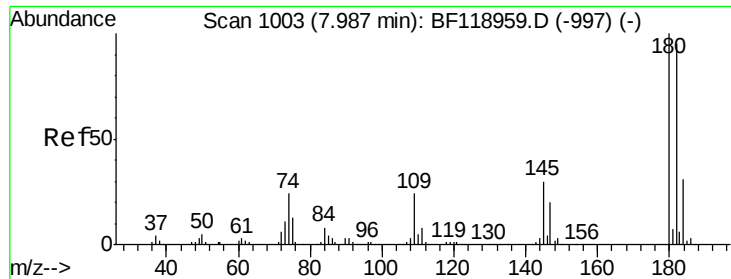
Ion Ratio Lower Upper

162 100

164 64.5 45.2 85.2

98 34.8 17.4 57.4

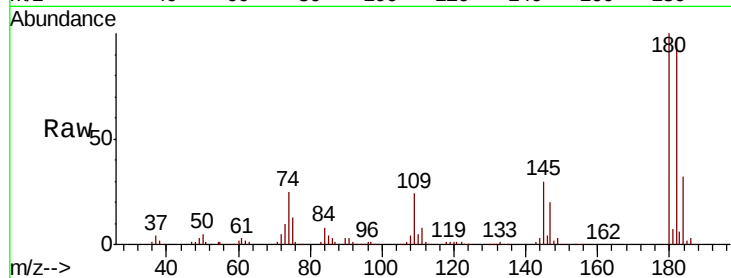




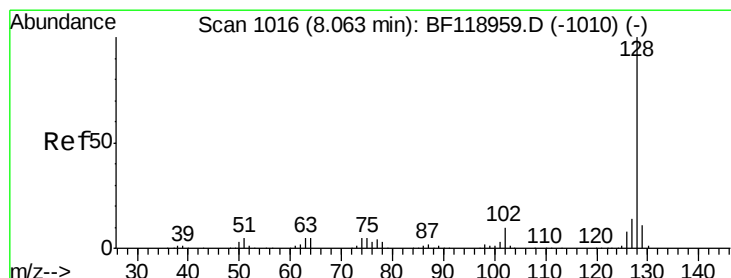
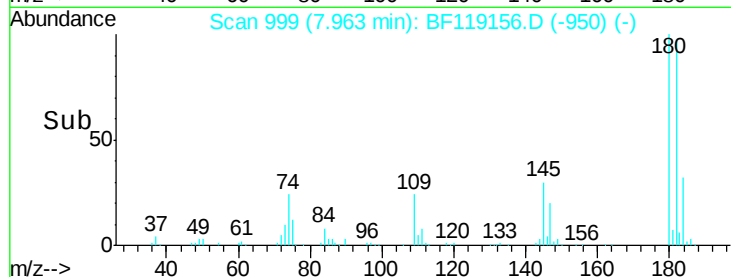
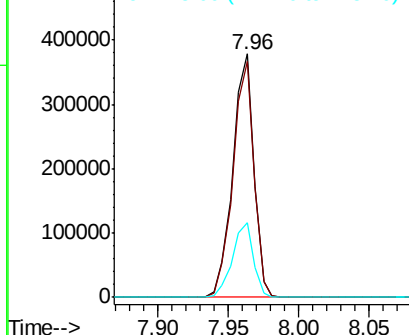
#30
1,2,4-Trichlorobenzene
Concen: 33.248 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Instrument :
BNA_F
ClientSampleId :
PB127150BS

Tot Ion:180 Resp: 393383
Ion Ratio Lower Upper
180 100
182 97.1 77.8 116.6
145 30.5 25.2 37.8

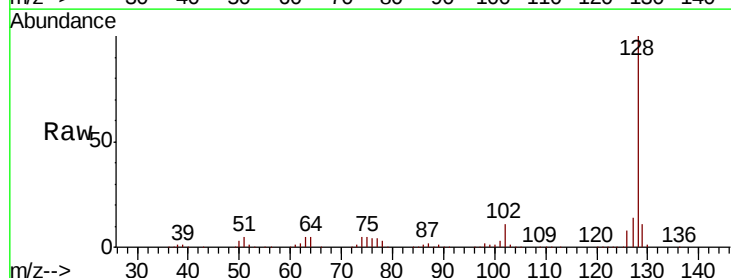


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

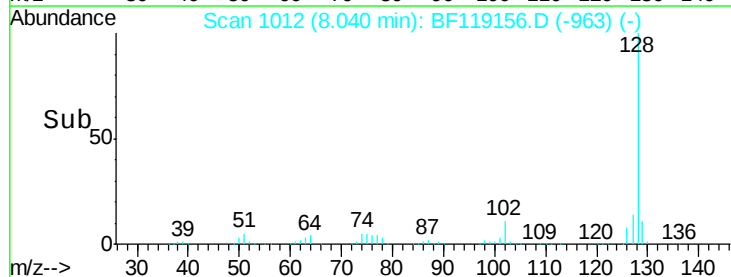
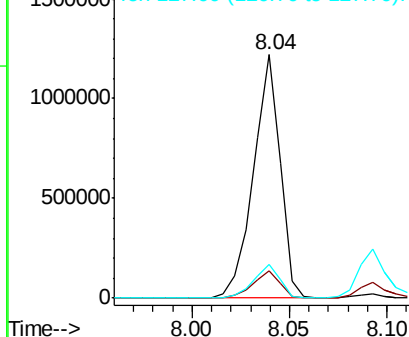


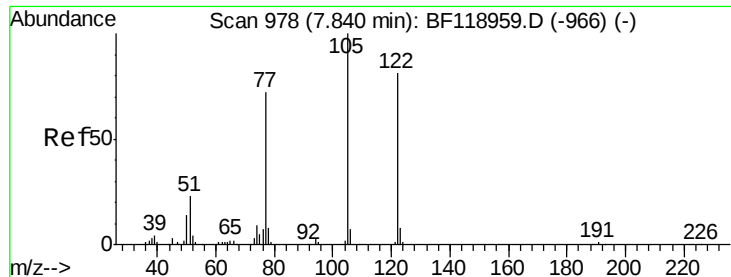
#31
Naphthalene
Concen: 35.518 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Tgt Ion:128 Resp: 1159379
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.8 11.4 17.2



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

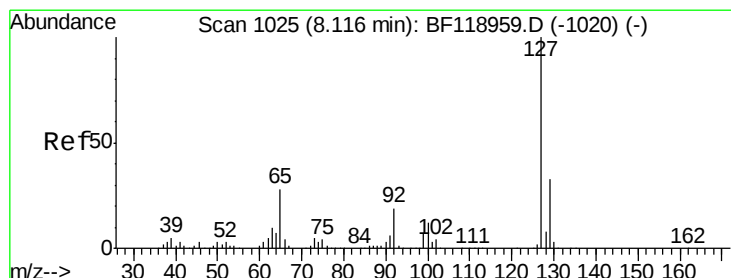
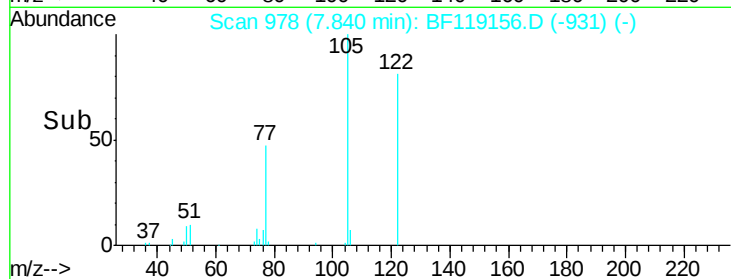
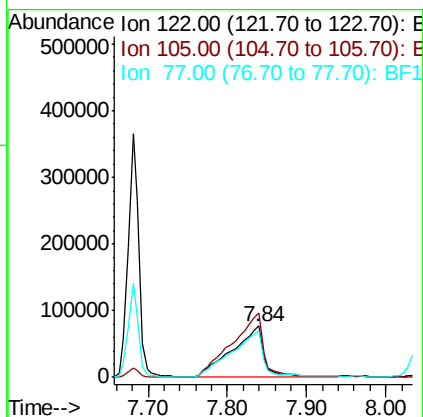
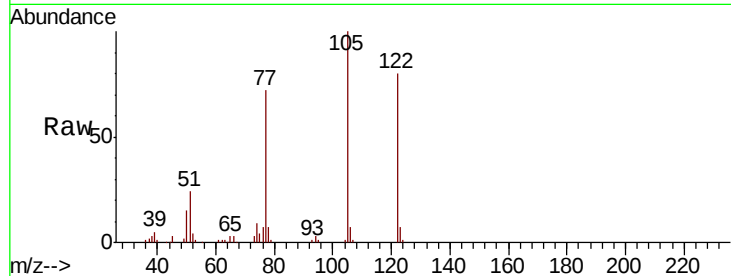




#32
Benzoic acid
Concen: 35.788 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.02 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

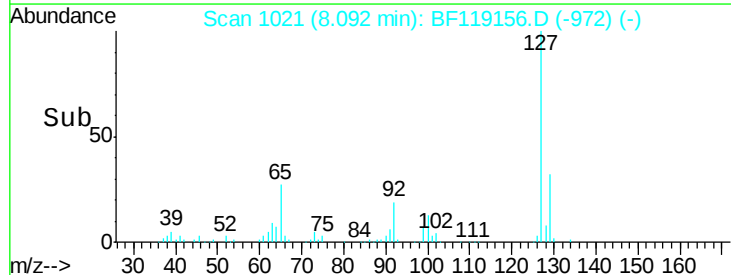
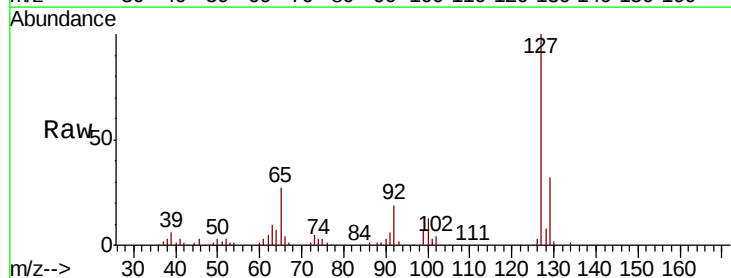
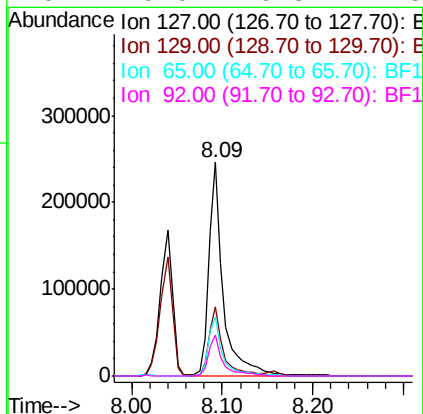
Instrument :
BNA_F
ClientSampleId :
PB127150BS

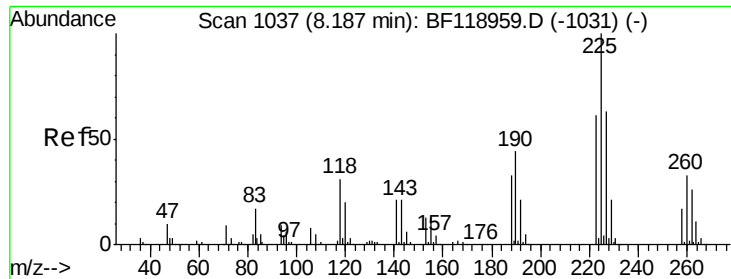
Tot Ion	Ratio	Lower	Upper
122	100		
105	124.6	106.3	146.3
77	89.2	73.1	113.1



#33
4-Chloroaniline
Concen: 19.582 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	27.4	23.9	35.9
92	19.0	16.3	24.5

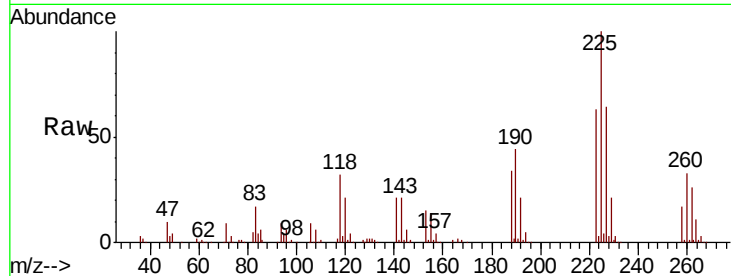




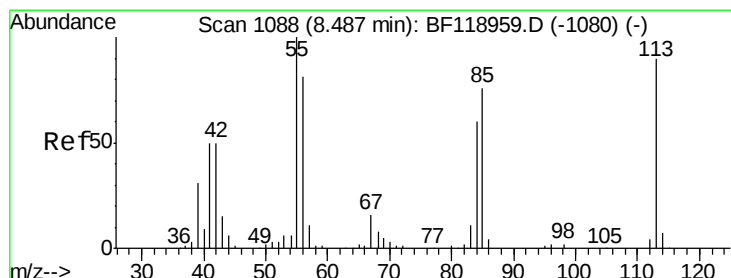
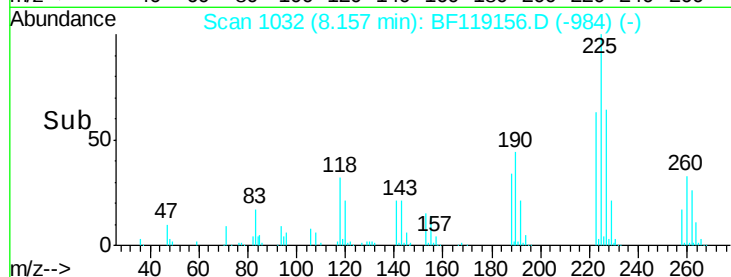
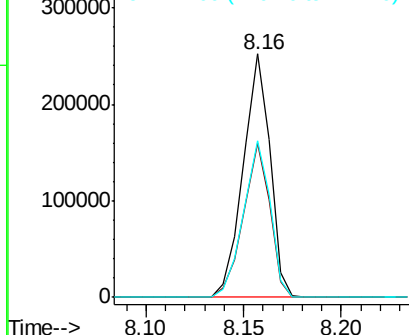
#34
Hexachlorobutadiene
Concen: 32.645 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Instrument :
BNA_F
ClientSampleId :
PB127150BS

Tot Ion:225 Resp: 240591
Ion Ratio Lower Upper
225 100
223 63.1 49.4 74.2
227 64.5 52.9 79.3

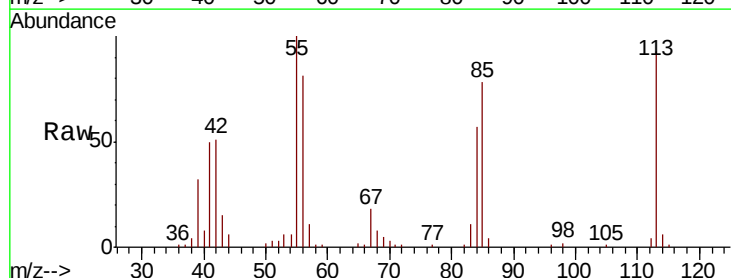


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

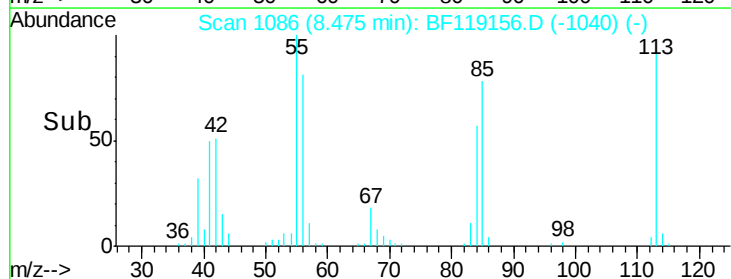
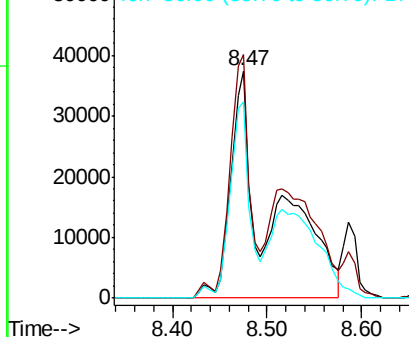


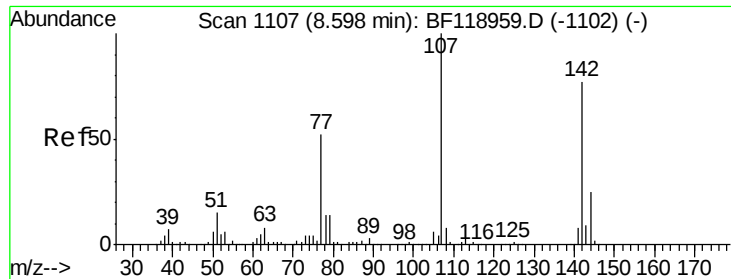
#35
Caprolactam
Concen: 35.785 ng m
RT: 8.47 min Scan# 1086
Delta R.T. -0.03 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Tgt Ion:113 Resp: 109958
Ion Ratio Lower Upper
113 100
55 107.2 95.7 135.7
56 86.7 73.1 113.1



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

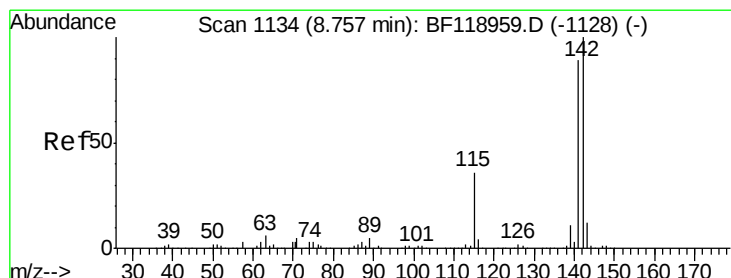
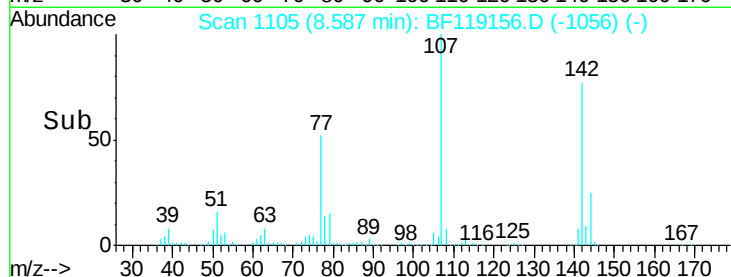
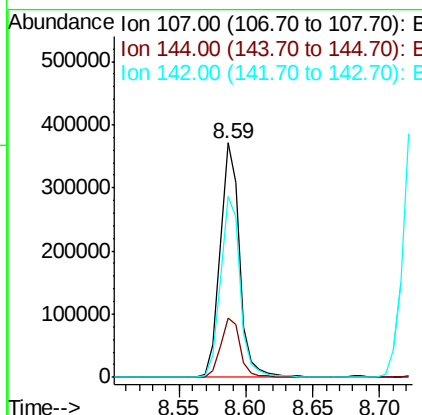
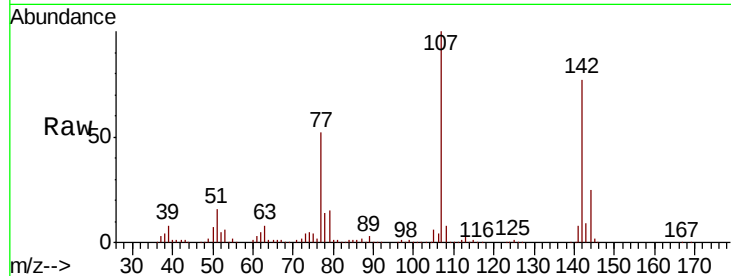




#36
 4-Chloro-3-methylphenol
 Concen: 38.006 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF119156.D
 Acq: 29 Feb 2020 13:48

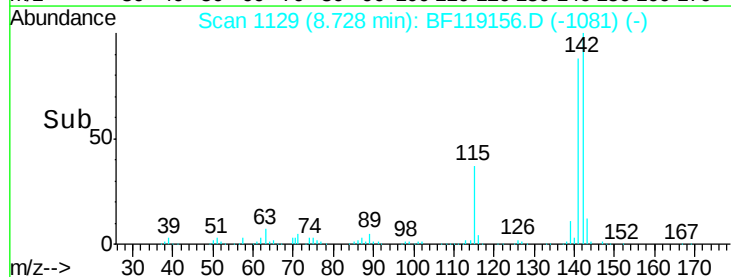
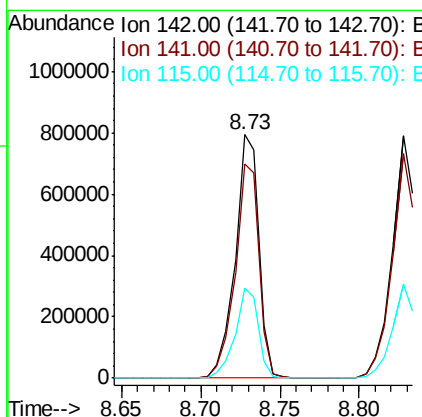
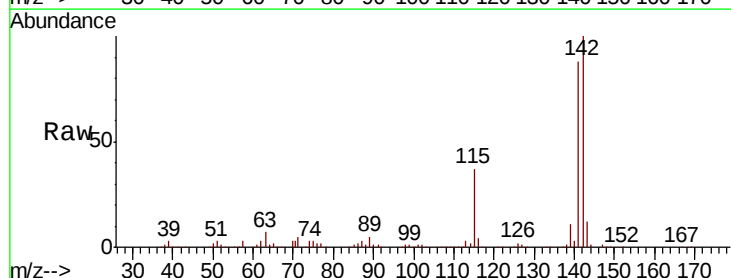
Instrument :
 BNA_F
 ClientSampleId :
 PB127150BS

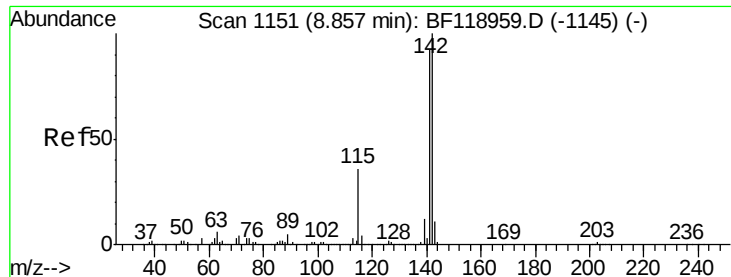
Tot Ion:107 Resp: 383835
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.1 30.1
 142 77.4 61.4 92.2



#37
 2-Methylnaphthalene
 Concen: 37.233 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.02 min
 Lab File: BF119156.D
 Acq: 29 Feb 2020 13:48

Tgt Ion:142 Resp: 817895
 Ion Ratio Lower Upper
 142 100
 141 87.8 72.3 108.5
 115 37.1 30.6 45.8

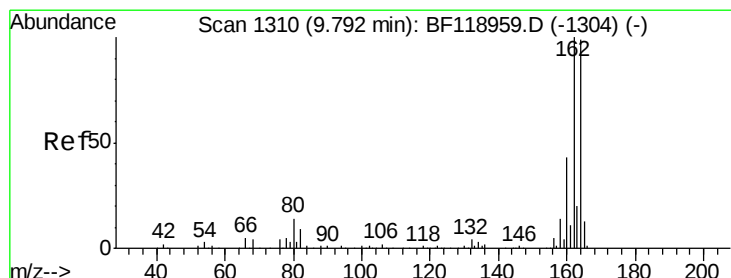
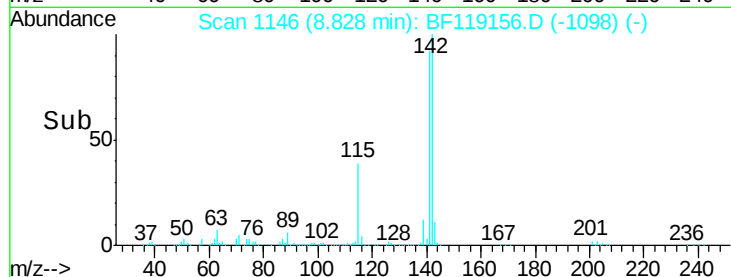
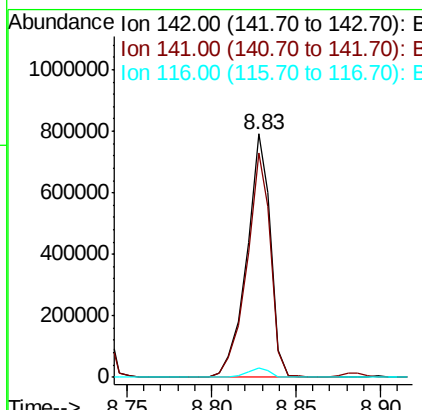
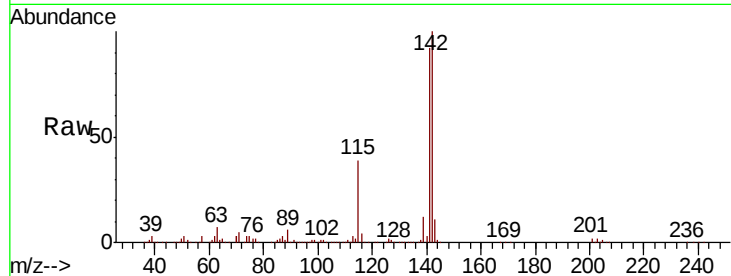




#38
1-Methylnaphthalene
Concen: 37.404 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

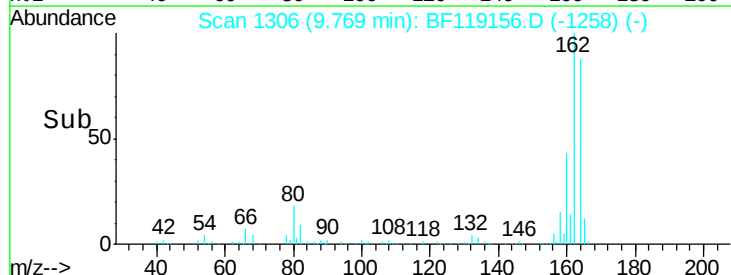
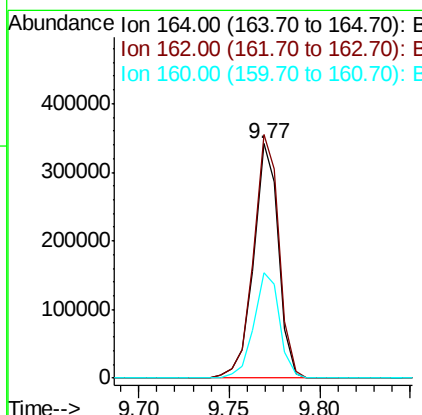
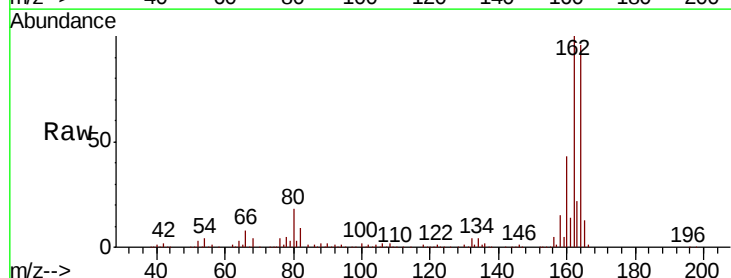
Instrument :
BNA_F
ClientSampleId :
PB127150BS

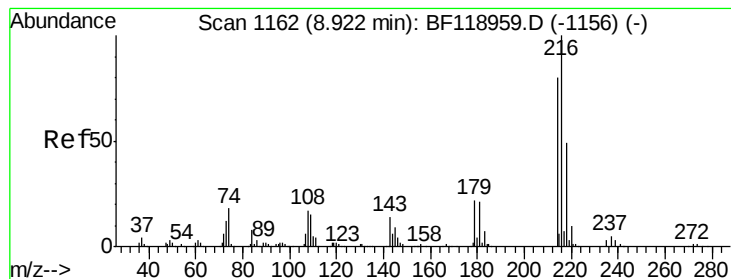
Tot Ion:142 Resp: 772717
Ion Ratio Lower Upper
142 100
141 92.4 75.8 113.6
116 4.0 3.1 4.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Tgt Ion:164 Resp: 325460
Ion Ratio Lower Upper
164 100
162 103.8 81.8 122.8
160 45.1 36.0 54.0





#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.561 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.02 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

Instrument :

BNA_F

ClientSampleId :

PB127150BS

Tot Ion:216 Resp: 412160

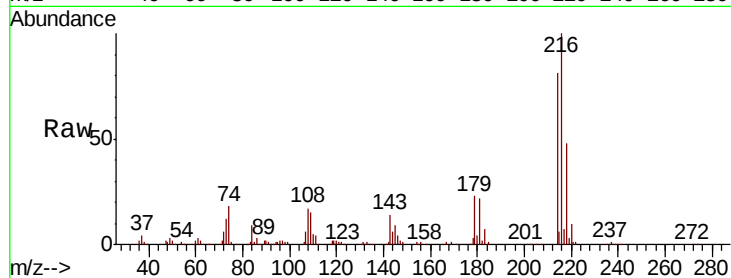
Ion Ratio Lower Upper

216 100

214 79.2 63.3 94.9

179 21.8 17.7 26.5

108 17.0 13.9 20.9

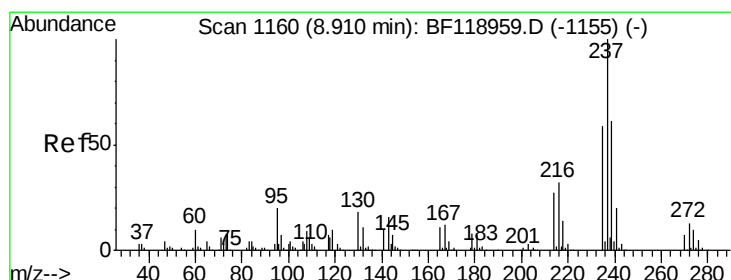
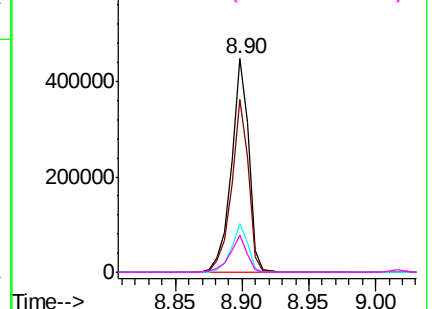
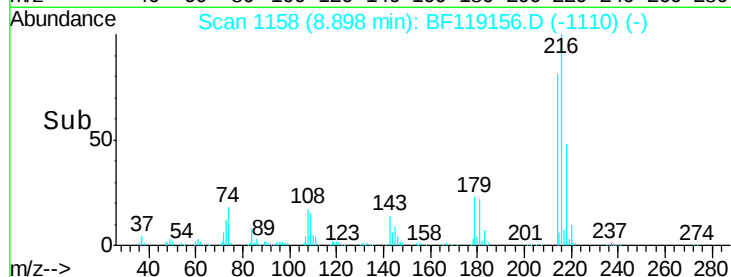


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 30.516 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

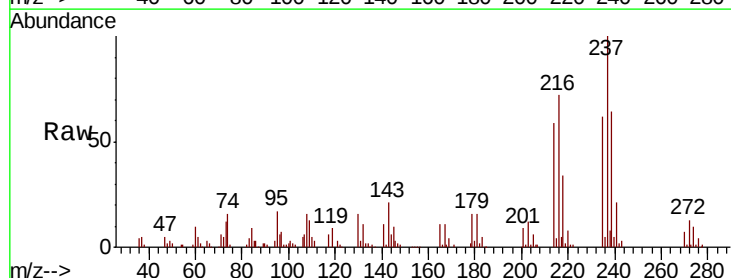
Tgt Ion:237 Resp: 95591

Ion Ratio Lower Upper

237 100

235 61.8 42.3 82.3

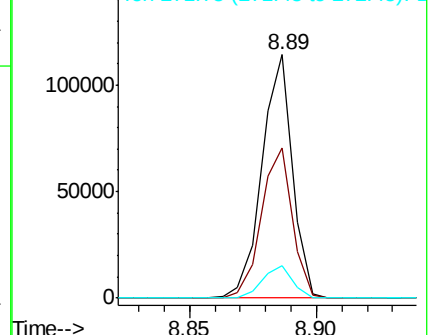
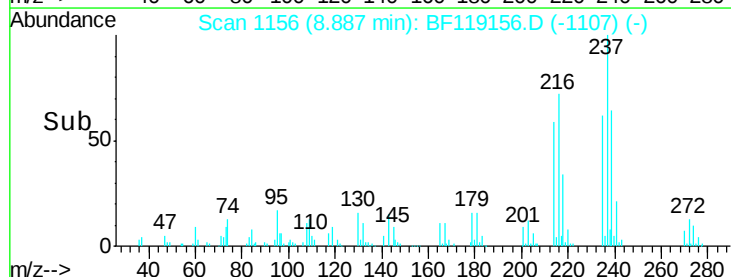
272 13.5 0.0 33.5

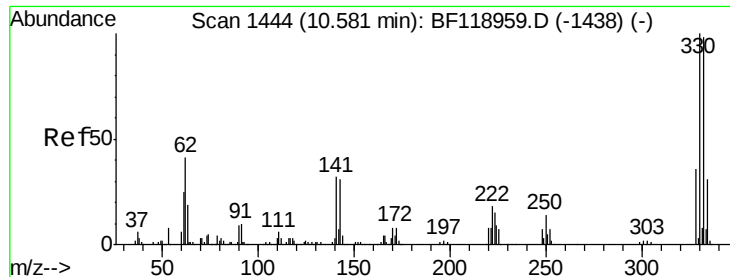


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 113.118 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

Instrument :

BNA_F

ClientSampleId :

PB127150BS

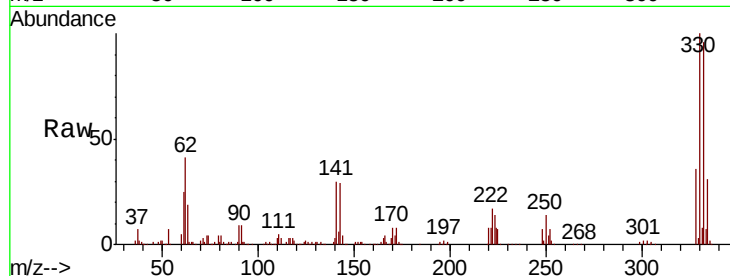
Tot Ion:330 Resp: 481606

Ion Ratio Lower Upper

330 100

332 95.5 76.0 114.0

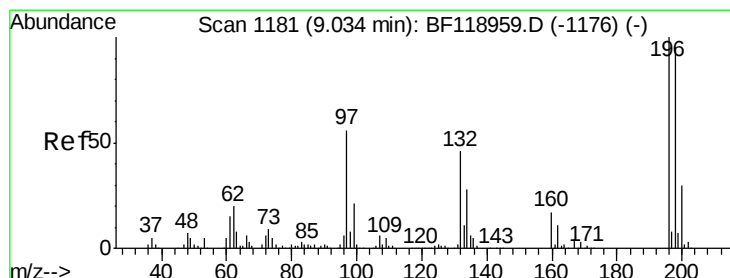
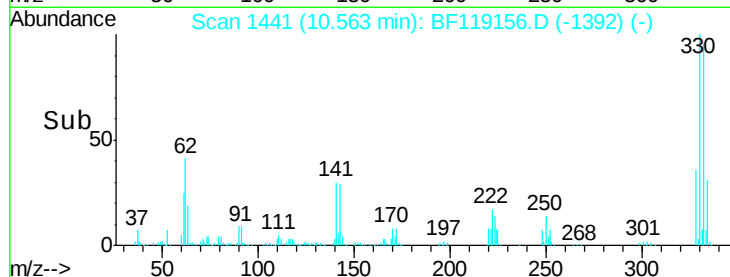
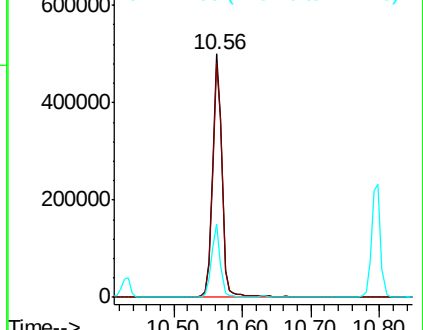
141 28.8 22.9 34.3



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: 36.871 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

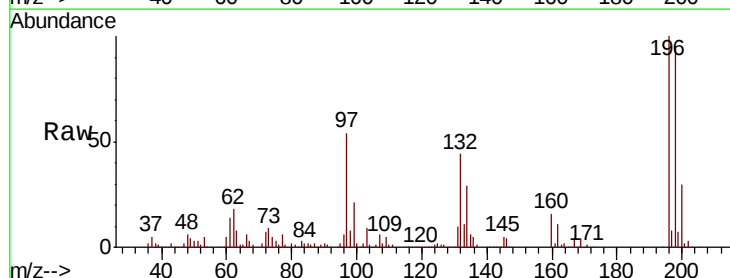
Tgt Ion:196 Resp: 255495

Ion Ratio Lower Upper

196 100

198 95.1 77.1 115.7

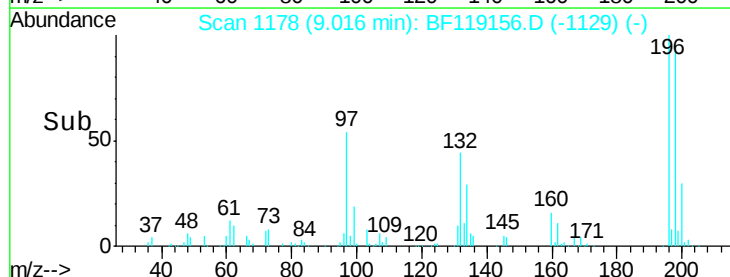
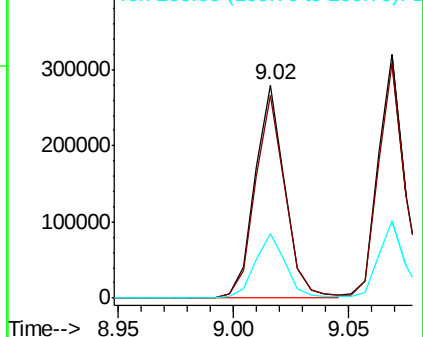
200 30.5 25.0 37.6

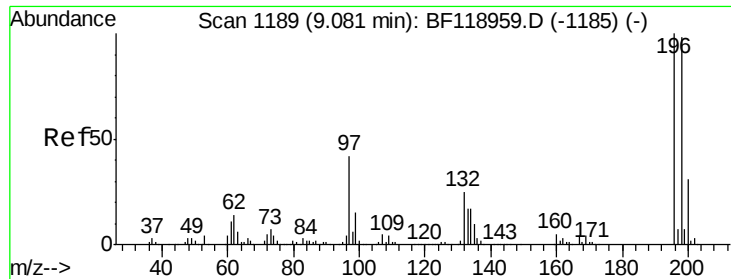


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

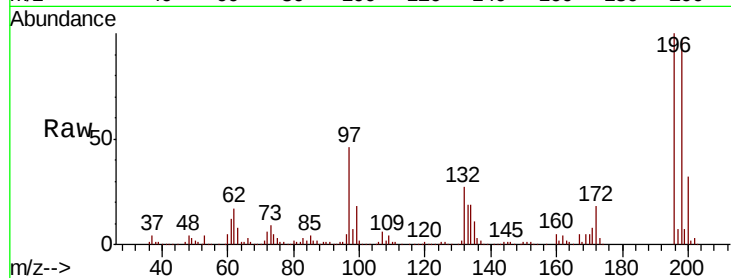




#44
 2,4,5-Trichlorophenol
 Concen: 36.971 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF119156.D
 Acq: 29 Feb 2020 13:48

Instrument :
 BNA_F
 ClientSampleId :
 PB127150BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.8	115.2
97	45.5	38.5	57.7
132	27.3	22.2	33.4



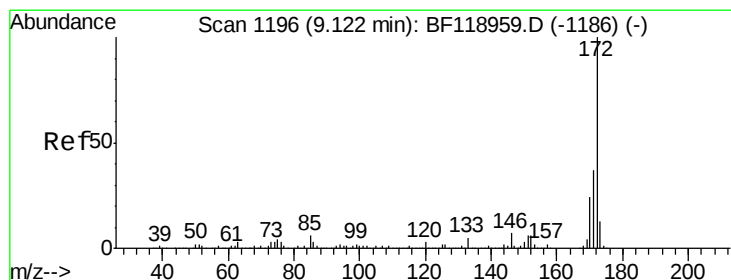
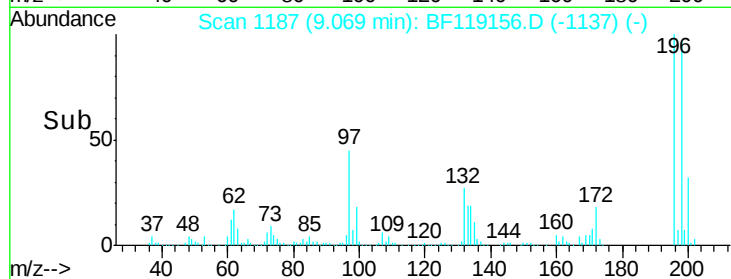
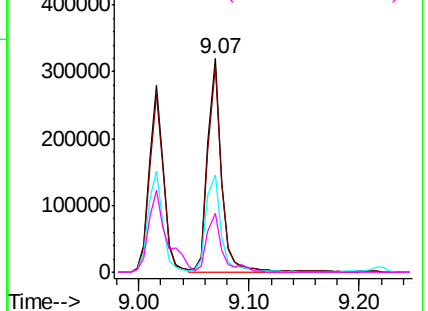
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

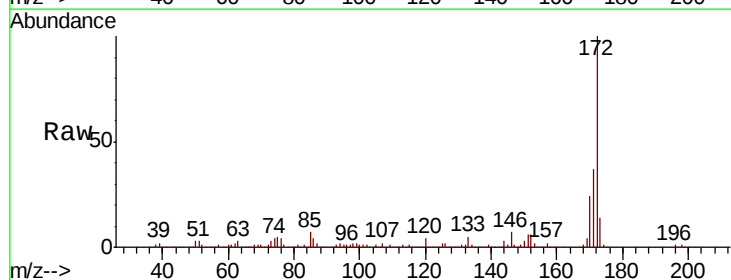
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.113 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119156.D
 Acq: 29 Feb 2020 13:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	24.3	20.2	30.2

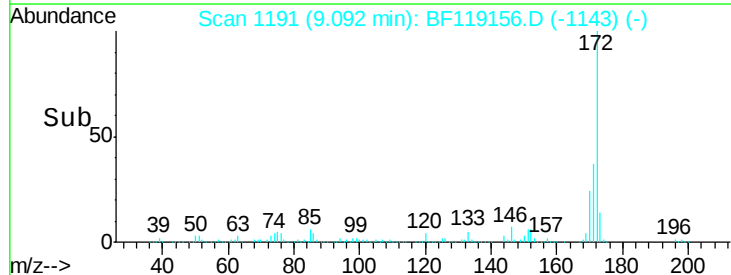
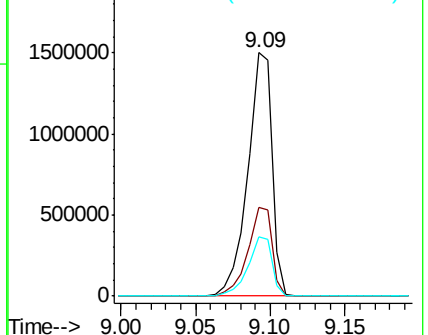


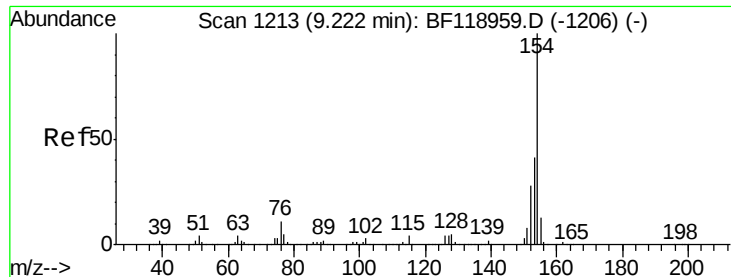
Abundance

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

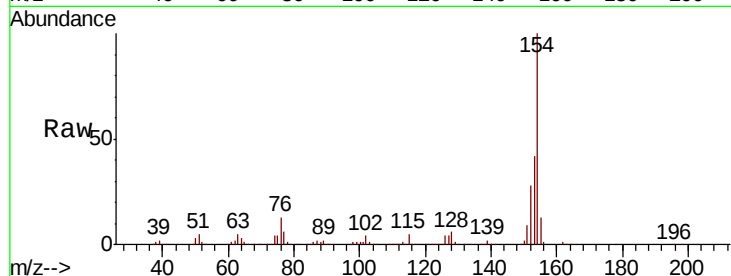




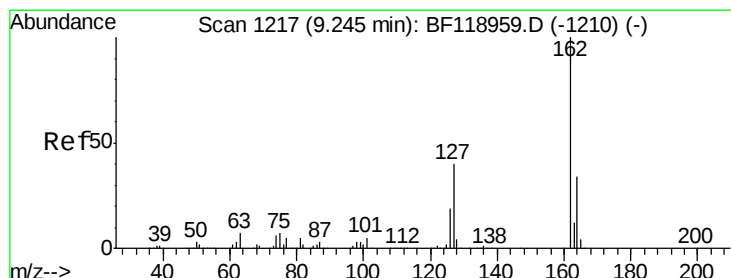
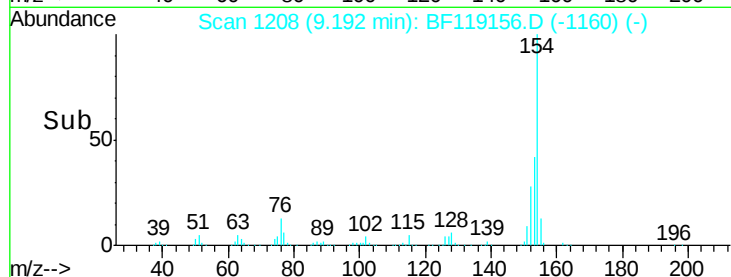
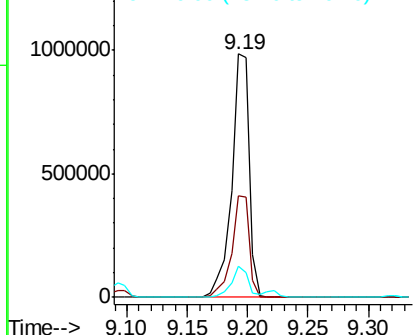
#46
 1,1'-Biphenyl
 Concen: 37.945 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BF119156.D
 Acq: 29 Feb 2020 13:48

Instrument :
 BNA_F
 ClientSampleId :
 PB127150BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.8	62.8
76	12.7	0.0	32.2

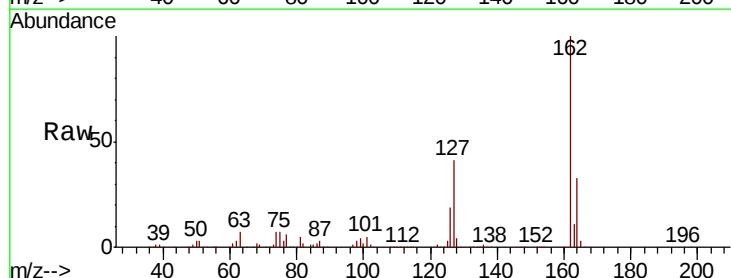


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

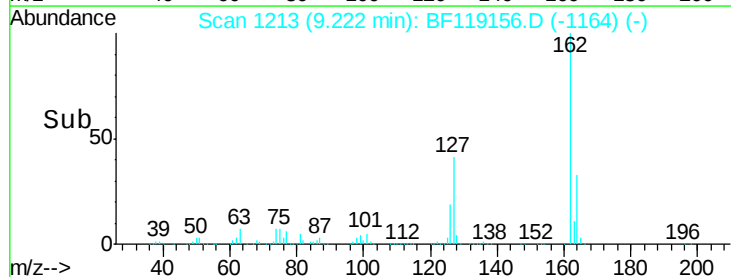
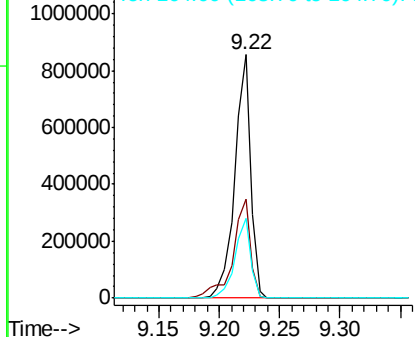


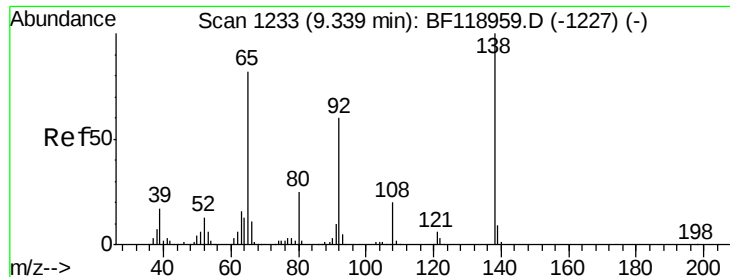
#47
 2-Chloronaphthalene
 Concen: 37.215 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF119156.D
 Acq: 29 Feb 2020 13:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	35.0	52.4
164	33.0	27.2	40.8



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

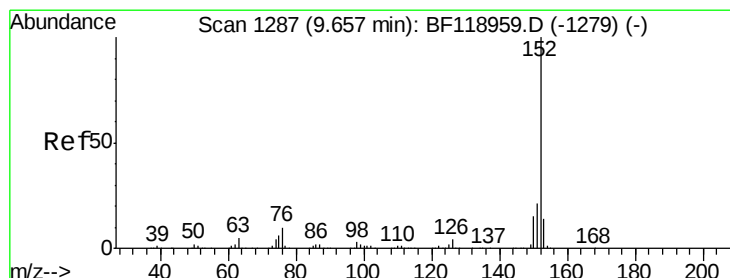
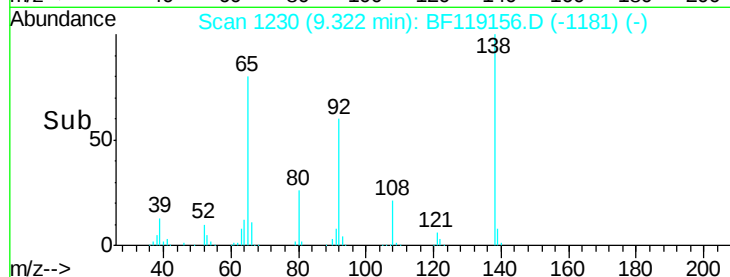
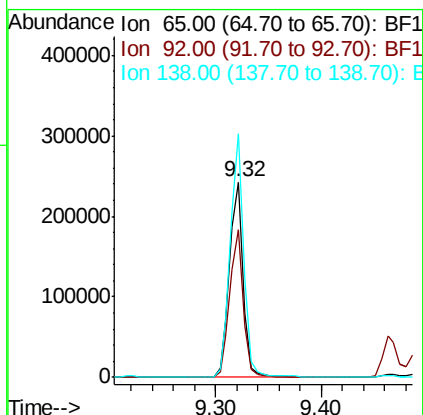
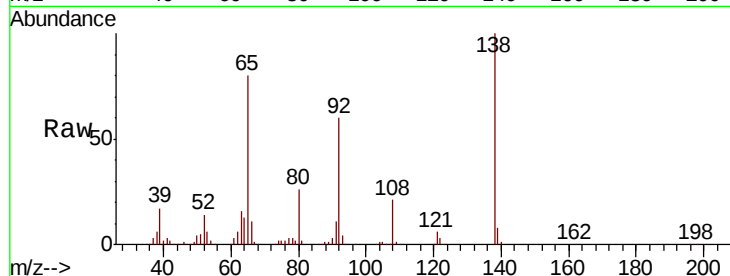




#48
2-Nitroaniline
Concen: 37.299 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

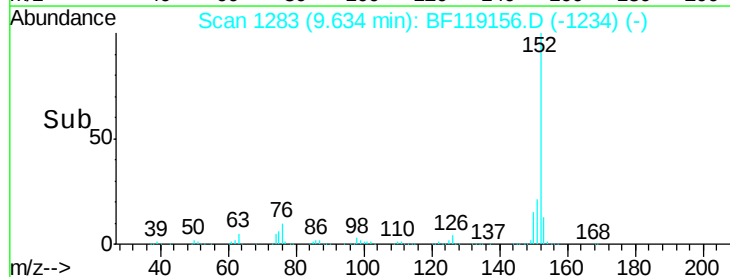
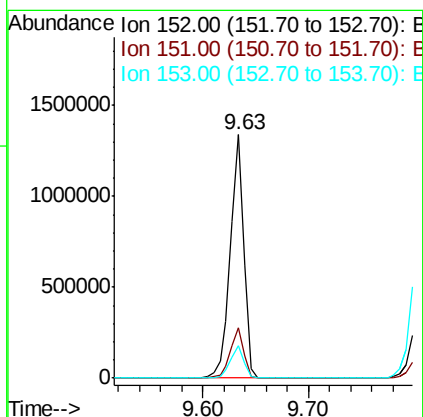
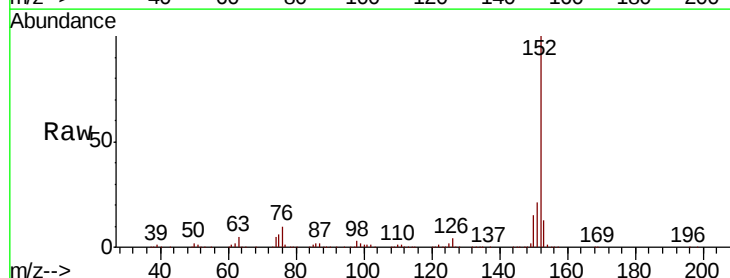
Instrument :
BNA_F
ClientSampleId :
PB127150BS

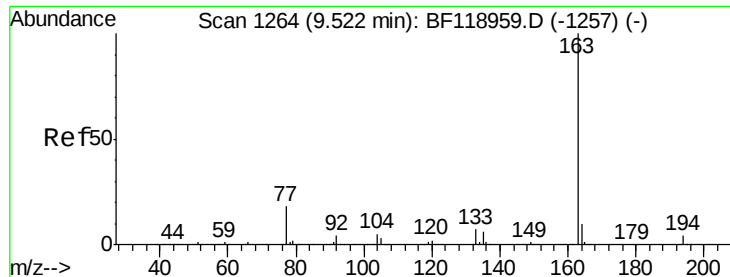
Tot Ion: 65 Resp: 220522
Ion Ratio Lower Upper
65 100
92 75.3 58.2 87.2
138 124.6 95.6 143.4



#49
Acenaphthylene
Concen: 38.504 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Tgt Ion: 152 Resp: 1178801
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.3 11.0 16.6

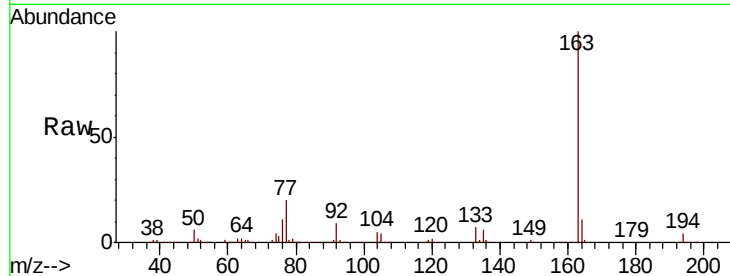




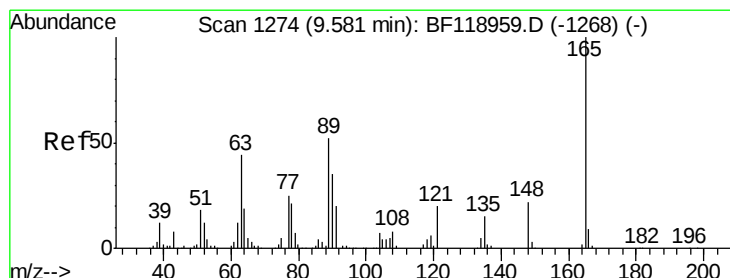
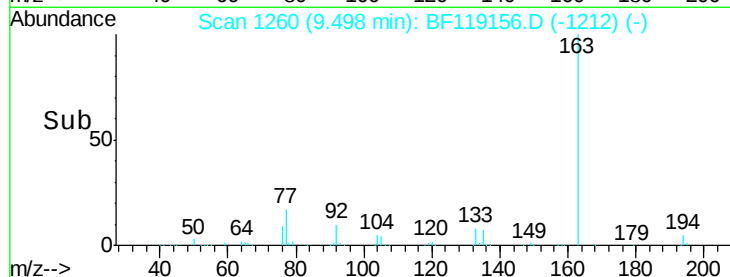
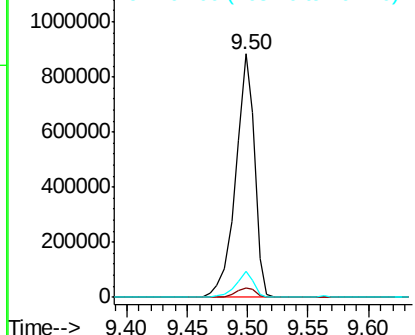
#50
Dimethylphthalate
Concen: 38.529 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Instrument :
BNA_F
ClientSampleId :
PB127150BS

Tot Ion:163 Resp: 958888
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.5 8.4 12.6

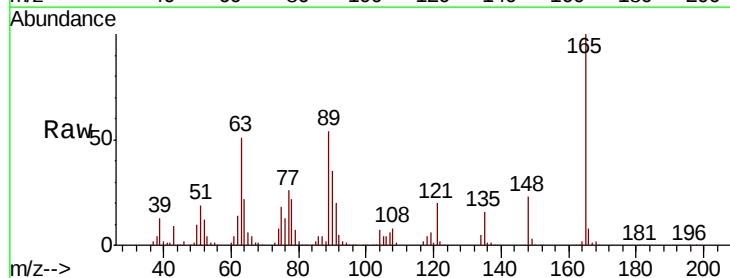


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

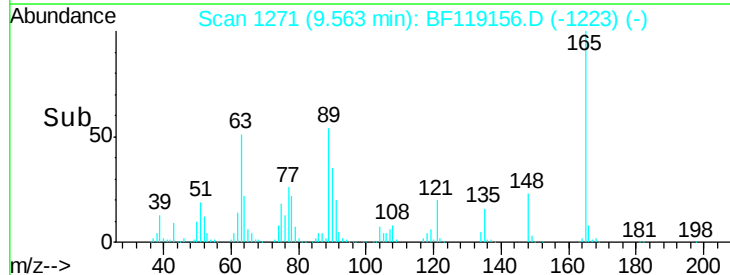
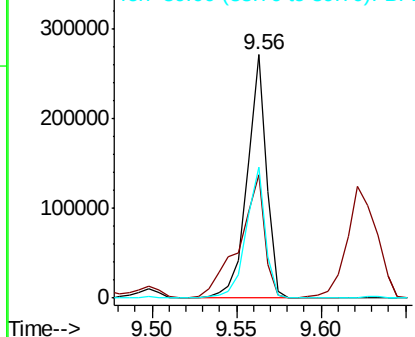


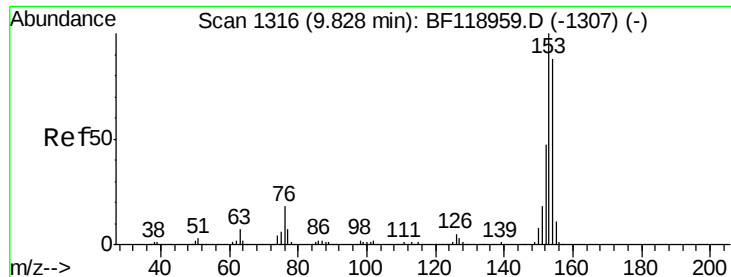
#51
2,6-Dinitrotoluene
Concen: 39.359 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Tgt Ion:165 Resp: 217625
Ion Ratio Lower Upper
165 100
63 50.5 34.3 51.5
89 53.6 38.3 57.5



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





#52

Acenaphthene

Concen: 38.015 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

Instrument :

BNA_F

ClientSampleId :

PB127150BS

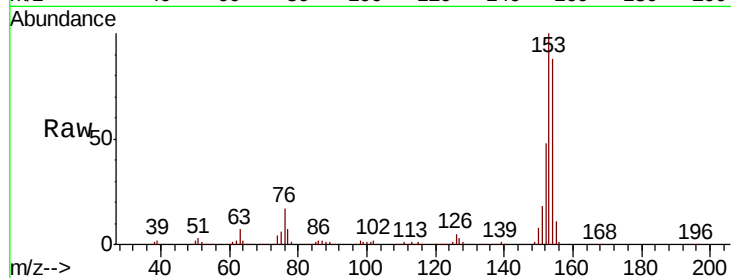
Tot Ion:154 Resp: 701758

Ion Ratio Lower Upper

154 100

153 113.6 90.3 135.5

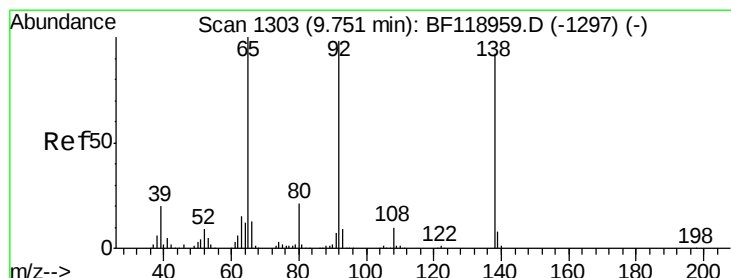
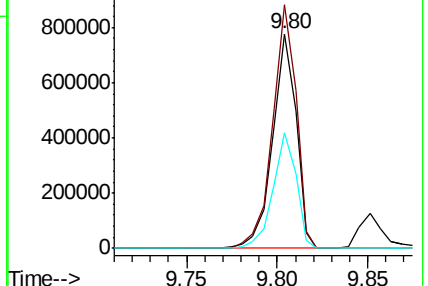
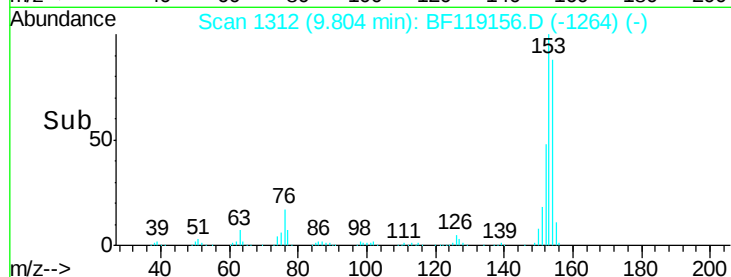
152 54.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 25.535 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

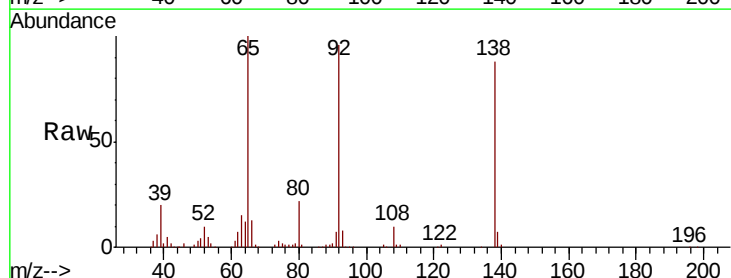
Tgt Ion:138 Resp: 156527

Ion Ratio Lower Upper

138 100

108 11.0 8.8 13.2

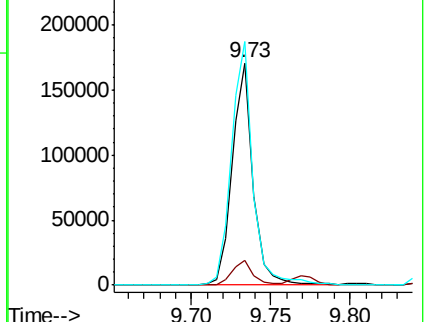
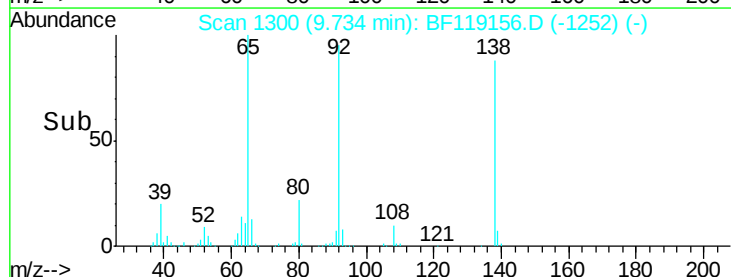
92 109.4 84.8 127.2

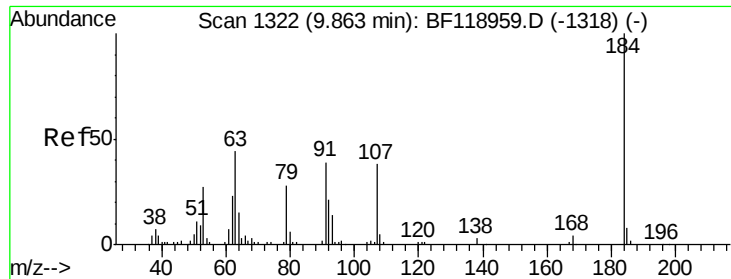


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

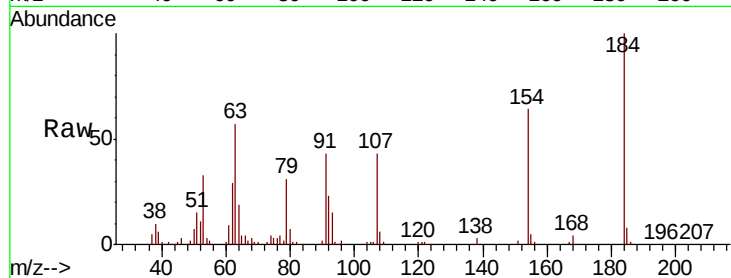




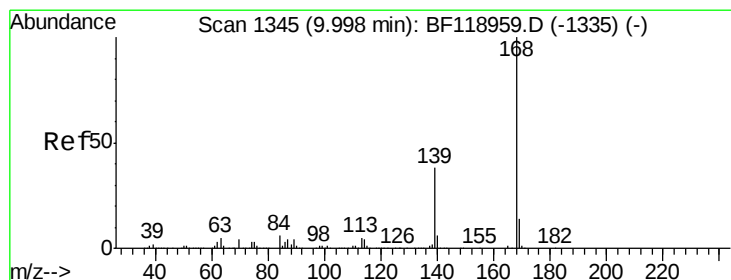
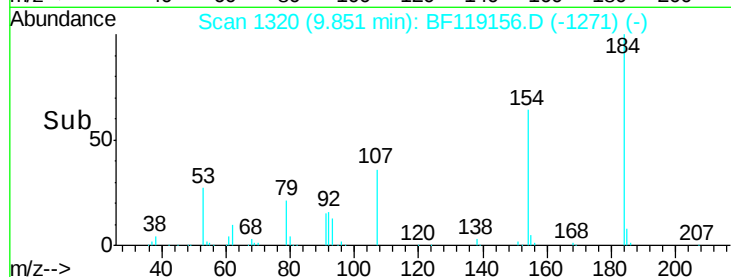
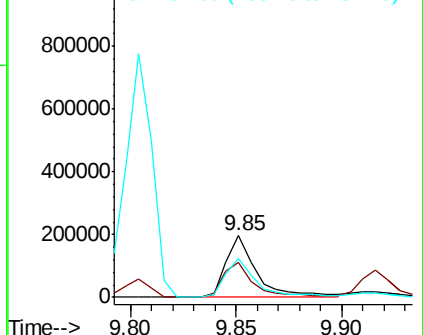
#54
2,4-Dinitrophenol
Concen: 74.154 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Instrument :
BNA_F
ClientSampleId :
PB127150BS

Tot Ion:184 Resp: 197656
Ion Ratio Lower Upper
184 100
63 57.0 38.7 58.1
154 63.5 49.7 74.5

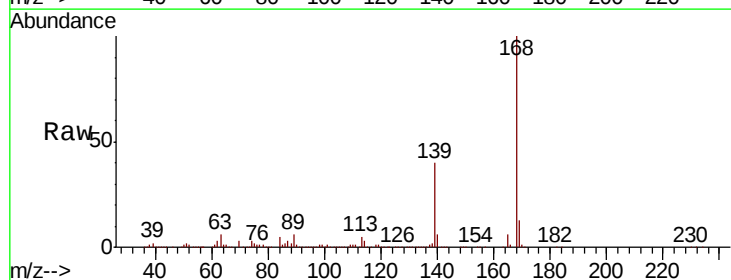


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

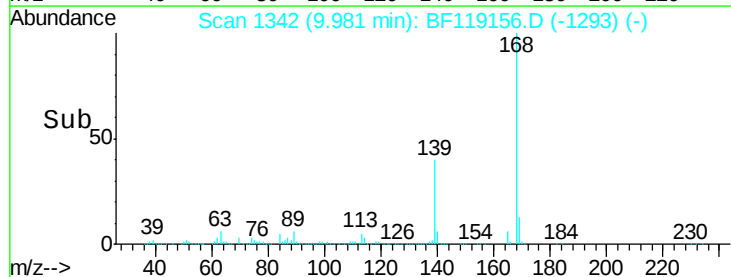
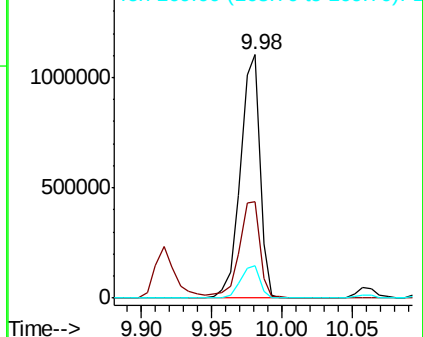


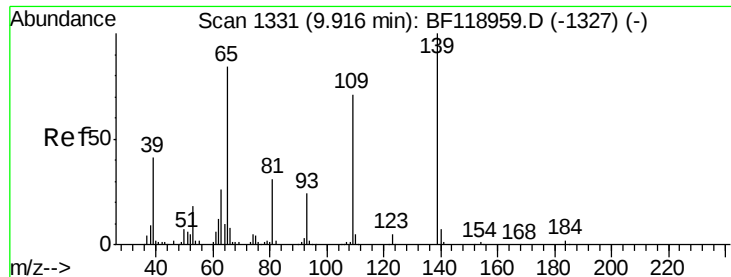
#55
Dibenzofuran
Concen: 38.594 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Tgt Ion:168 Resp: 1063401
Ion Ratio Lower Upper
168 100
139 39.7 34.0 51.0
169 13.2 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

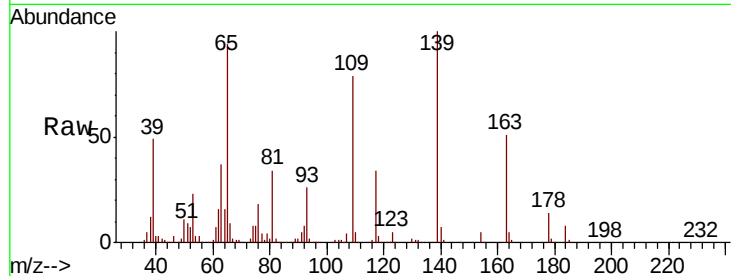




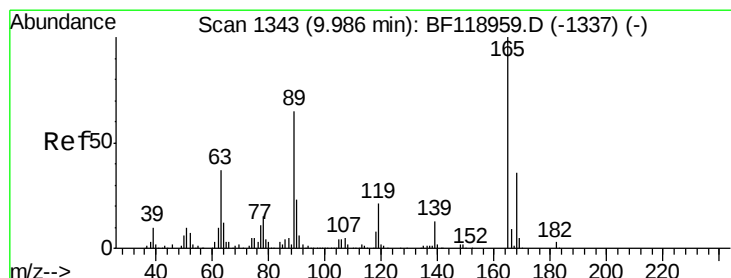
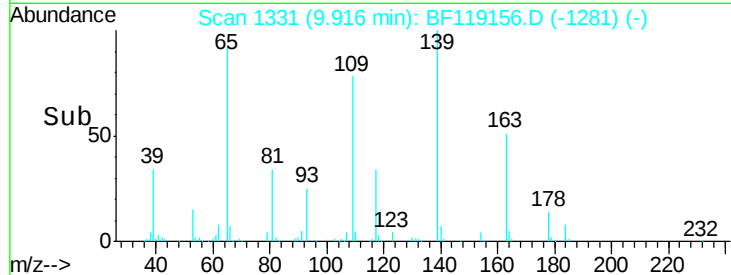
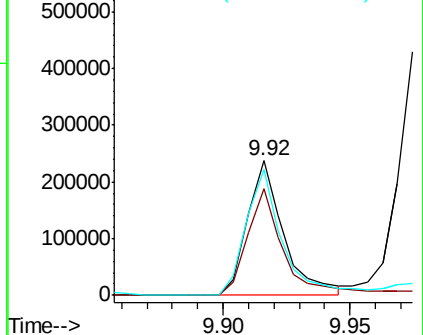
#56
4-Nitrophenol
Concen: 64.099 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Instrument :
BNA_F
ClientSampleId :
PB127150BS

Tot Ion:139 Resp: 236072
Ion Ratio Lower Upper
139 100
109 79.0 56.7 96.7
65 93.9 65.0 105.0

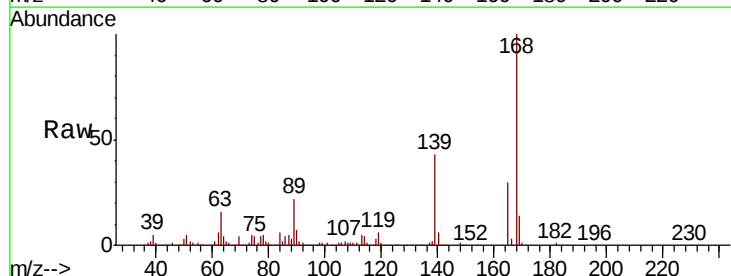


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

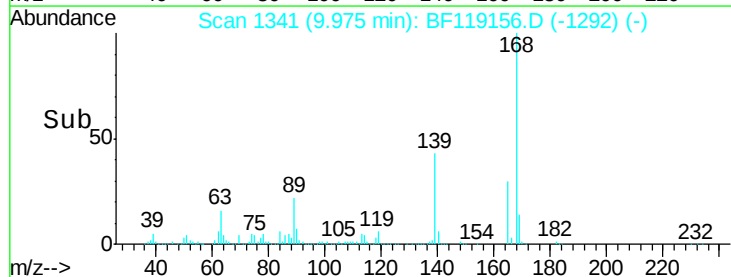
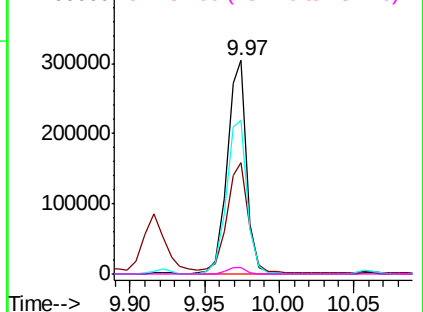


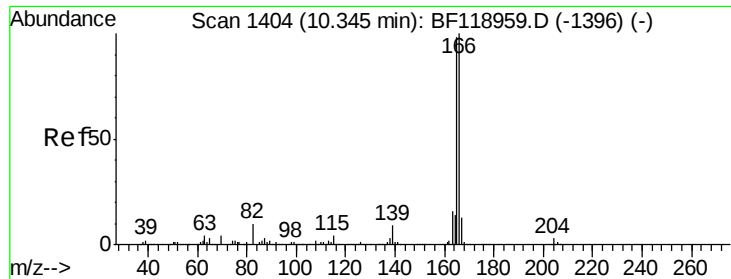
#57
2,4-Dinitrotoluene
Concen: 39.211 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Tgt Ion:165 Resp: 281025
Ion Ratio Lower Upper
165 100
63 52.2 42.3 63.5
89 71.7 60.2 90.4
182 2.9 2.3 3.5



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





#58

Fluorene

Concen: 40.162 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

Instrument :

BNA_F

ClientSampleId :

PB127150BS

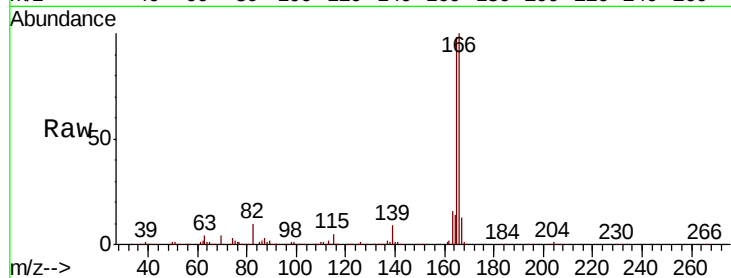
Tot Ion:166 Resp: 859886

Ion Ratio Lower Upper

166 100

165 98.2 78.5 117.7

167 13.4 11.0 16.4

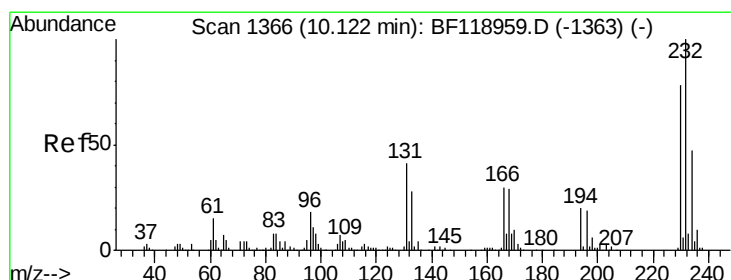
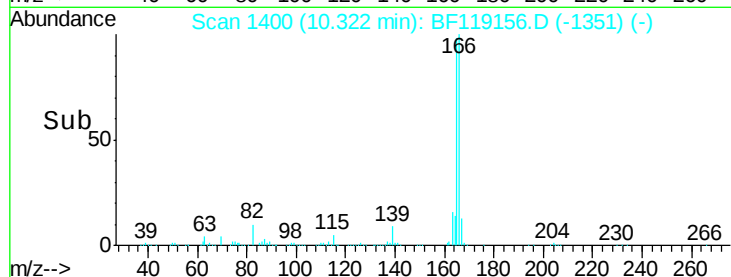
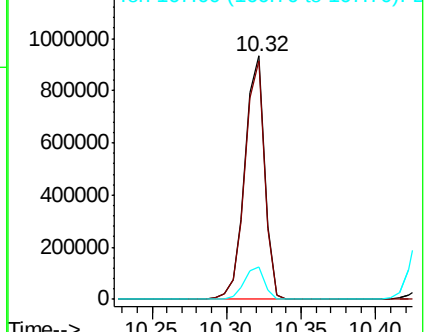


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 38.004 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

Tgt Ion:232 Resp: 233180

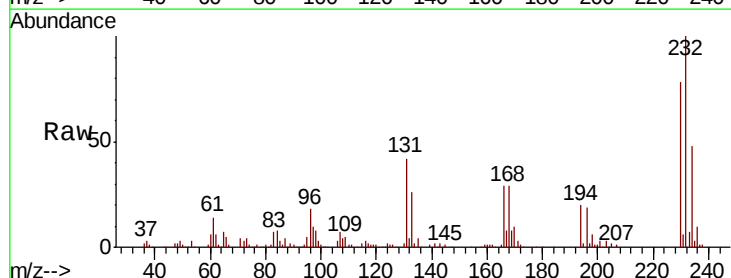
Ion Ratio Lower Upper

232 100

131 43.2 33.8 50.8

130 2.2 1.8 2.6

166 30.3 23.0 34.4



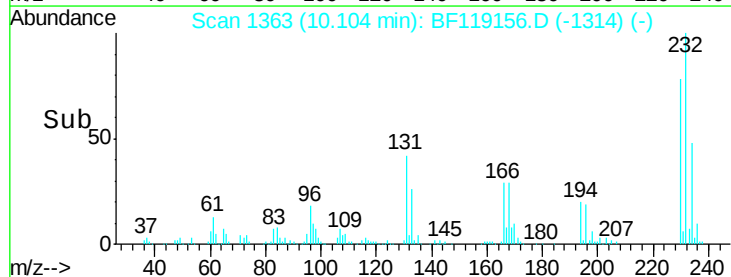
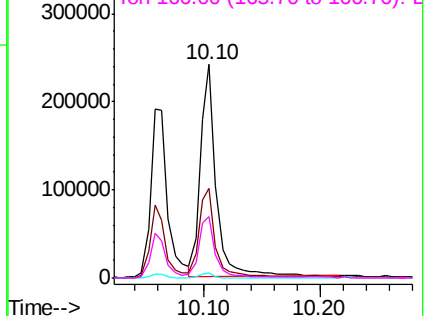
Abundance

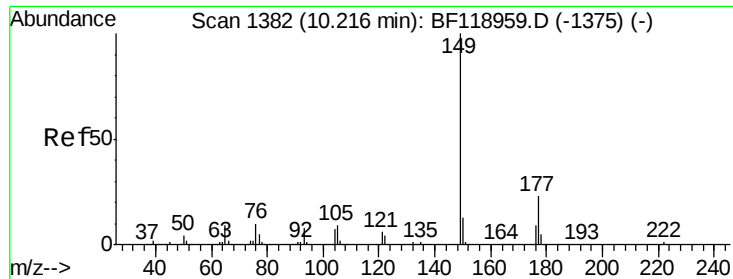
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

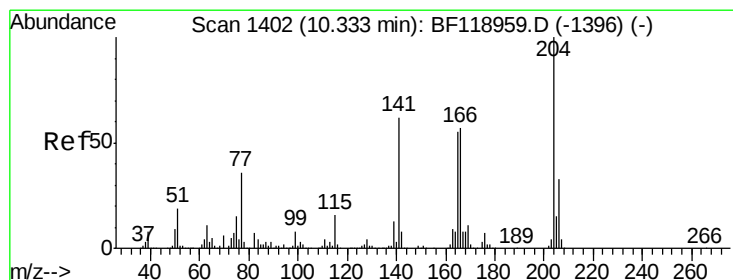
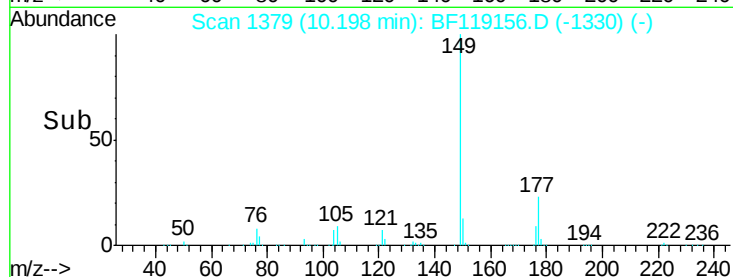
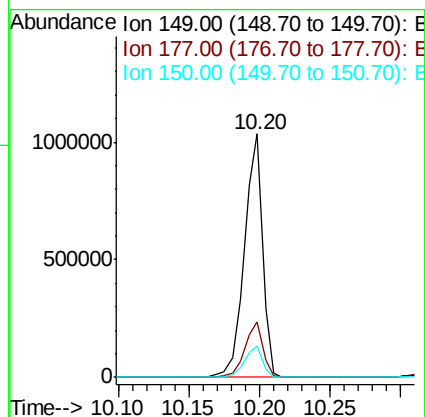
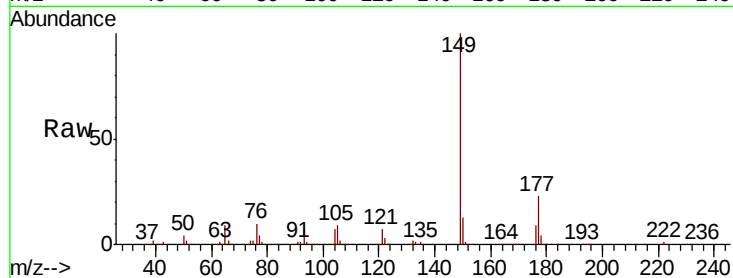




#60
Diethylphthalate
Concen: 39.337 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

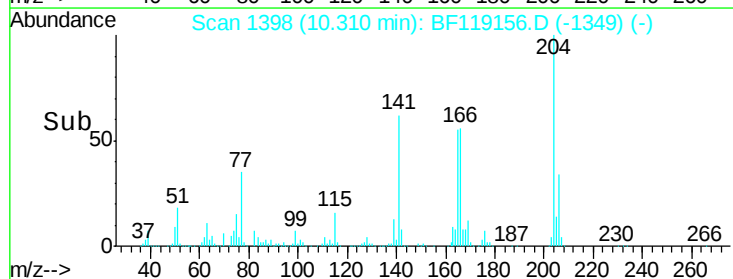
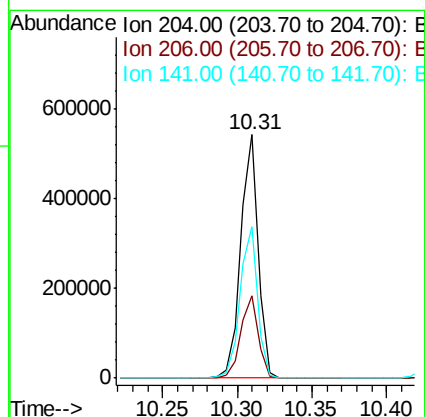
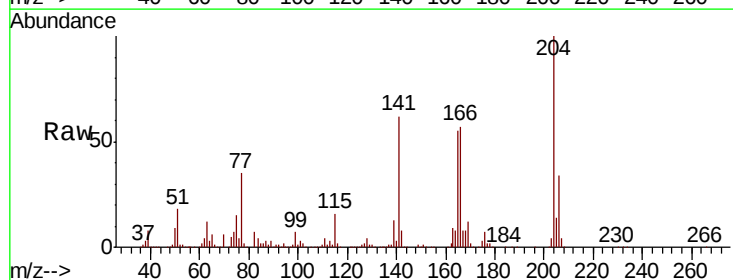
Instrument :
BNA_F
ClientSampleId :
PB127150BS

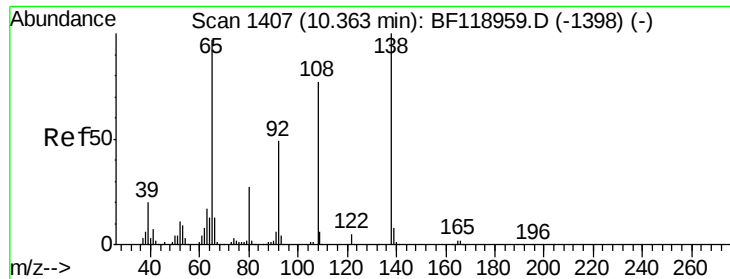
Tot Ion:149 Resp: 922580
Ion Ratio Lower Upper
149 100
177 22.7 18.2 27.2
150 12.7 10.5 15.7



#61
4-Chlorophenyl-phenylether
Concen: 39.403 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Tgt Ion:204 Resp: 446560
Ion Ratio Lower Upper
204 100
206 33.9 27.1 40.7
141 62.4 52.9 79.3

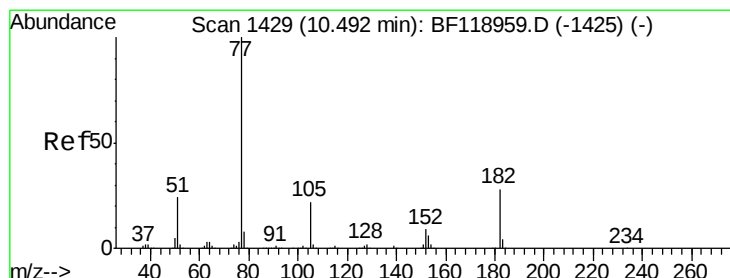
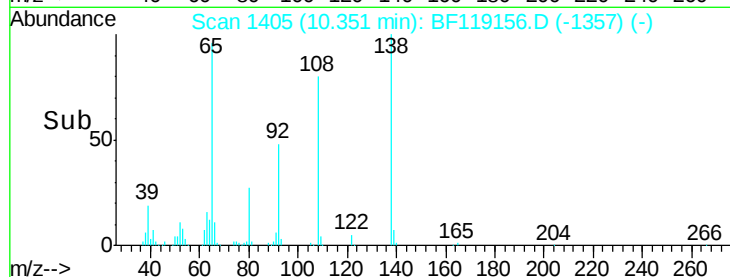
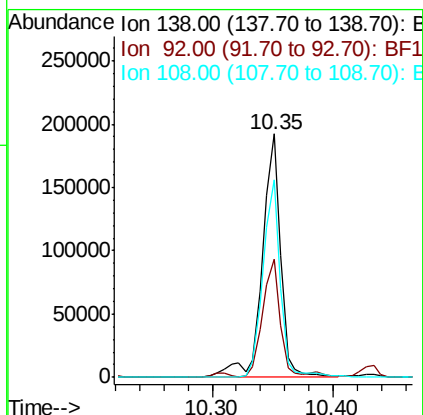
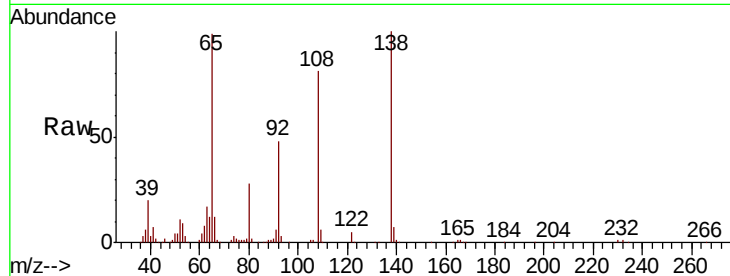




#62
4-Nitroaniline
Concen: 33.045 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

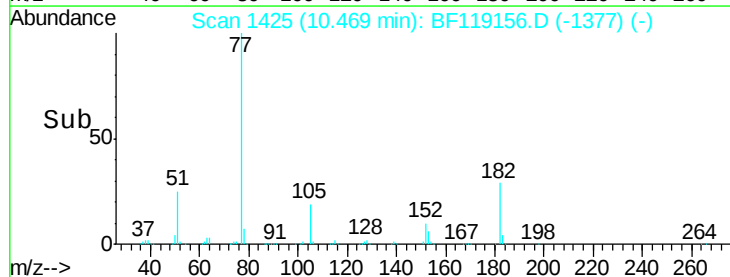
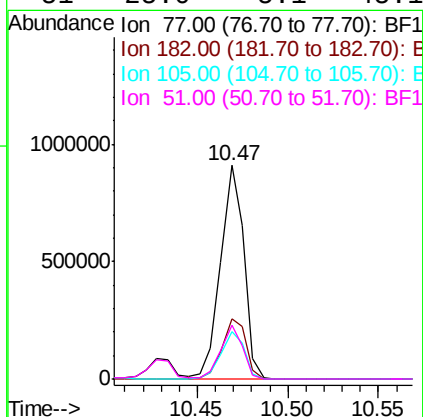
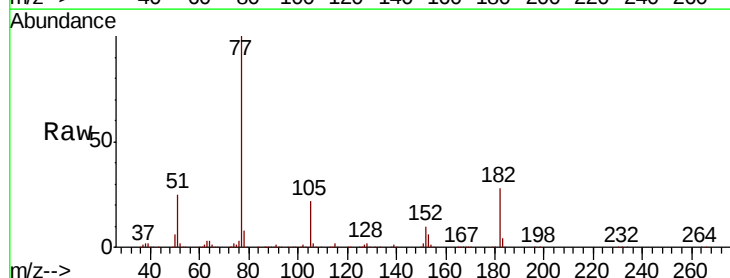
Instrument :
BNA_F
ClientSampleId :
PB127150BS

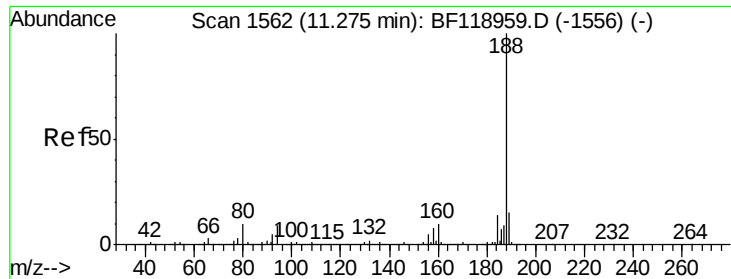
Tot Ion:138 Resp: 207241
Ion Ratio Lower Upper
138 100
92 48.4 27.3 67.3
108 81.0 57.0 97.0



#63
Azobenzene
Concen: 39.993 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Tgt Ion: 77 Resp: 815282
Ion Ratio Lower Upper
77 100
182 28.2 11.4 51.4
105 22.2 3.4 43.4
51 25.0 5.1 45.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

Instrument :

BNA_F

ClientSampleId :

PB127150BS

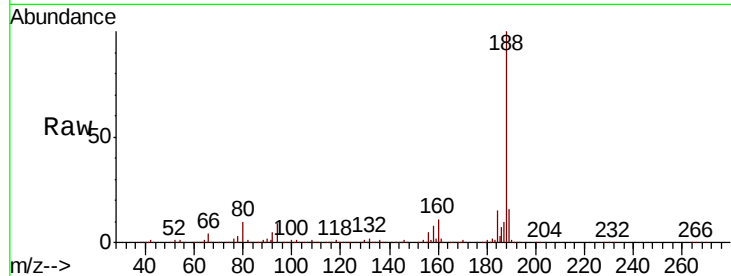
Tot Ion:188 Resp: 631618

Ion Ratio Lower Upper

188 100

94 8.9 7.1 10.7

80 10.1 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.25

800000

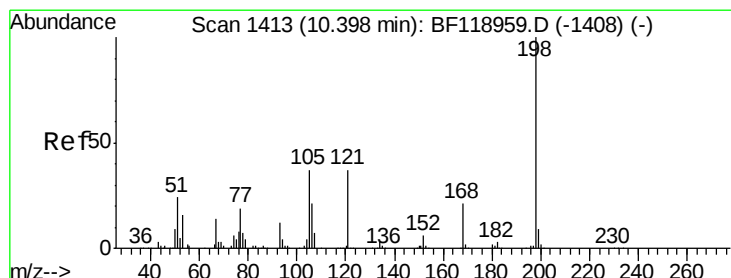
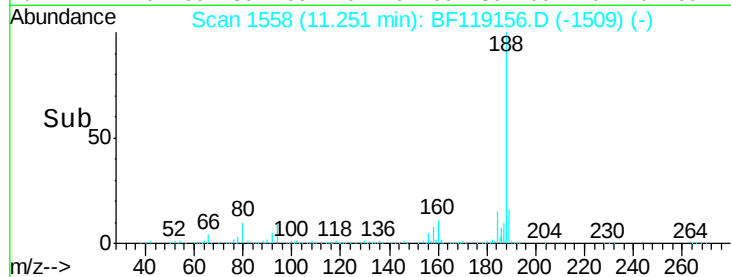
600000

400000

200000

0

Time--> 11.20 11.25 11.30



#65

4,6-Dinitro-2-methylphenol

Concen: 41.034 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

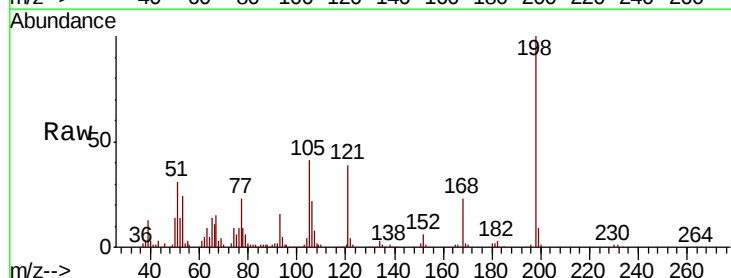
Tgt Ion:198 Resp: 156833

Ion Ratio Lower Upper

198 100

51 31.2 14.2 54.2

105 41.1 22.7 62.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

300000

250000

200000

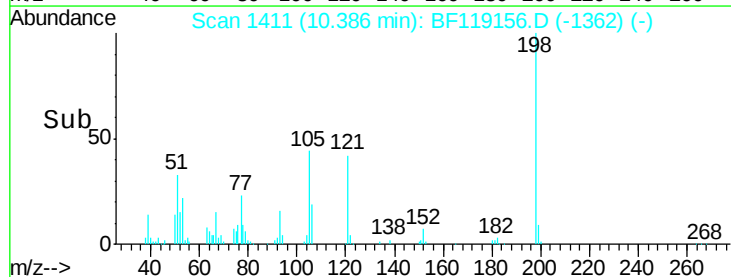
150000

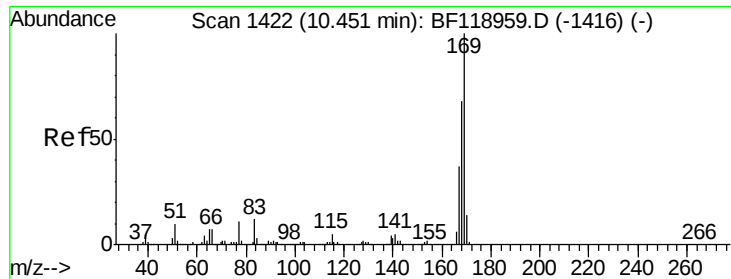
100000

50000

0

Time--> 10.30 10.40 10.50

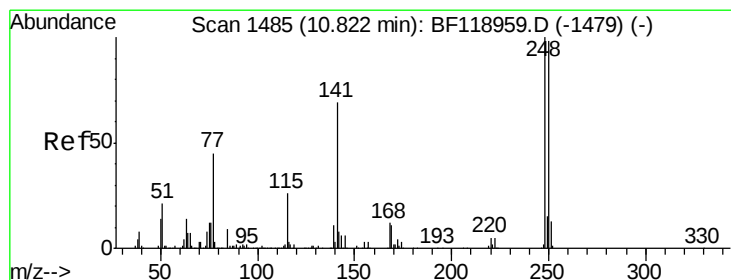
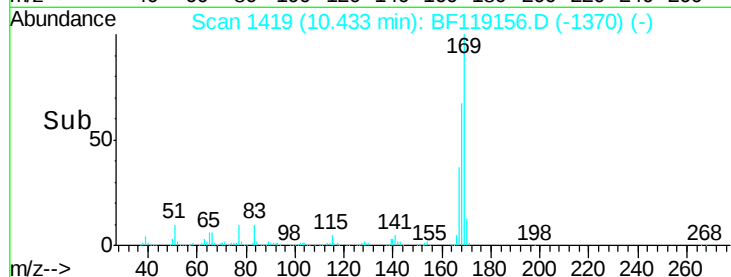
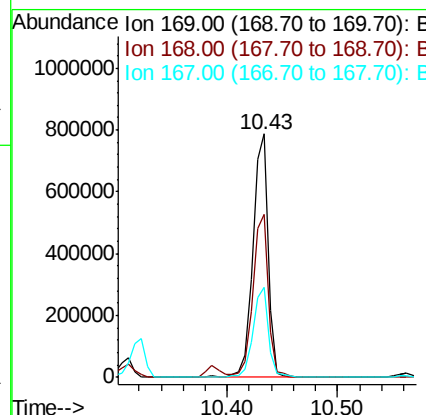
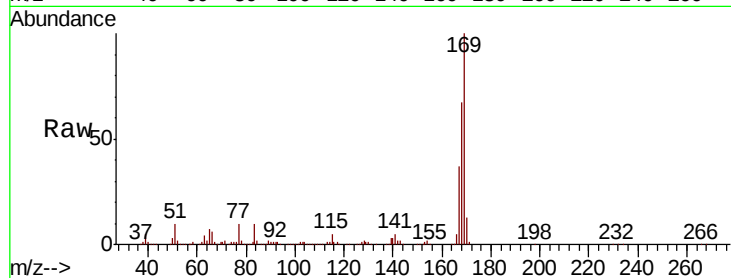




#66
n-Nitrosodiphenylamine
Concen: 37.019 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

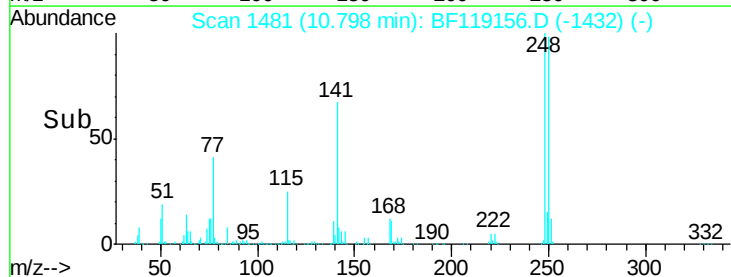
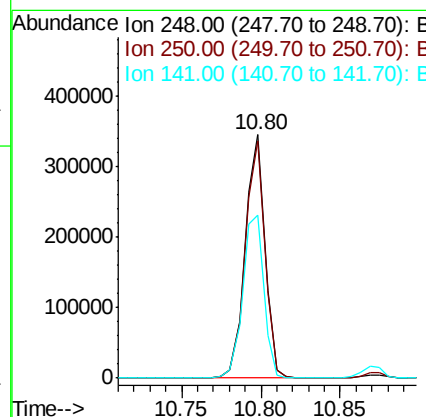
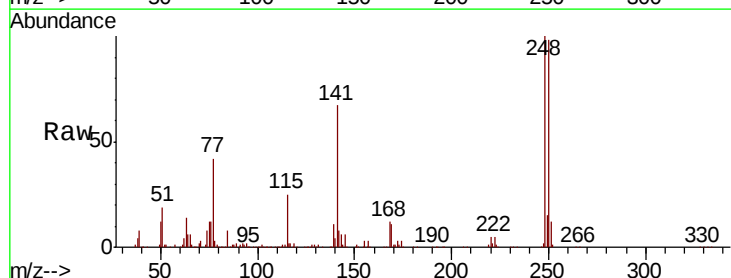
Instrument :
BNA_F
ClientSampleId :
PB127150BS

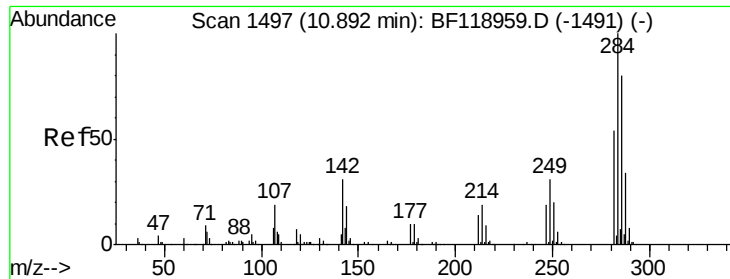
Tot Ion:169 Resp: 765600
Ion Ratio Lower Upper
169 100
168 67.2 54.1 81.1
167 36.9 29.4 44.0



#67
4-Bromophenyl-phenylether
Concen: 36.120 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Tgt Ion:248 Resp: 298208
Ion Ratio Lower Upper
248 100
250 97.6 76.7 115.1
141 66.9 60.7 91.1

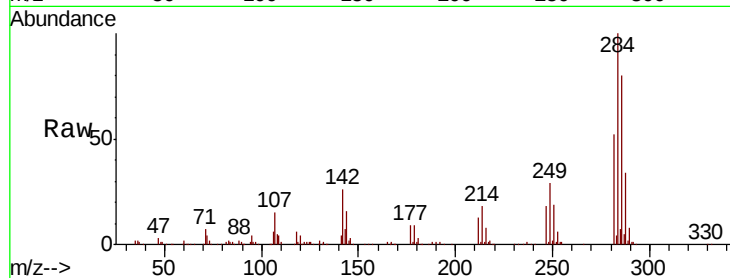




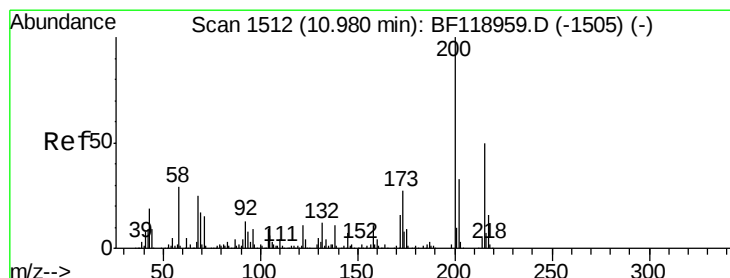
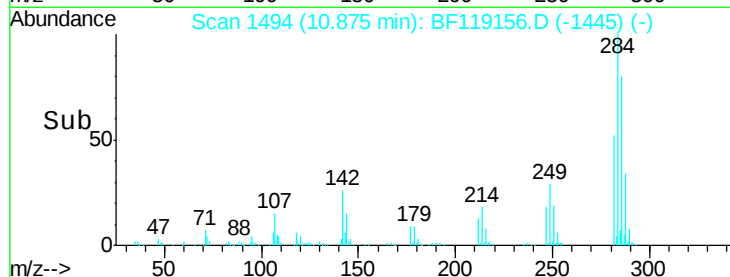
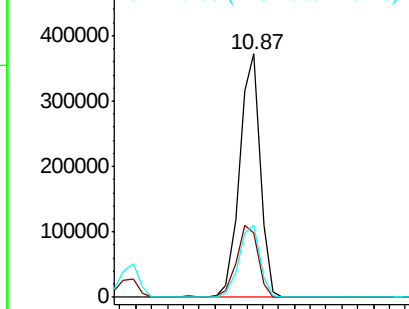
#68
Hexachlorobenzene
Concen: 35.321 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Instrument :
BNA_F
ClientSampleId :
PB127150BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	26.5	23.7	35.5
249	29.4	25.0	37.6

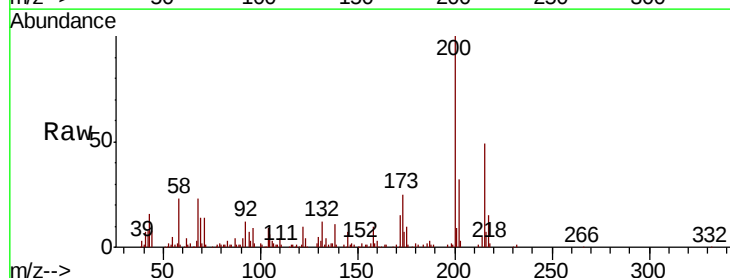


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

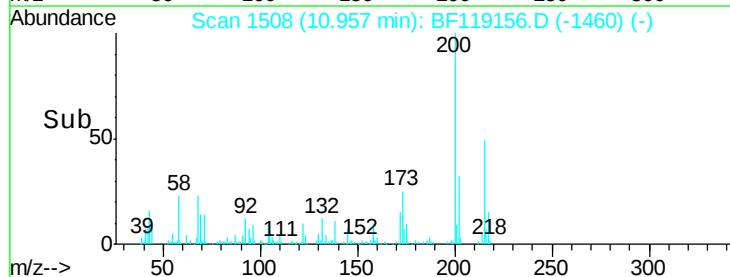
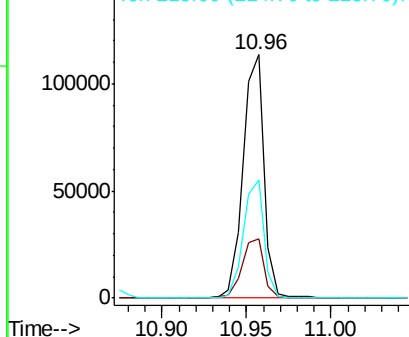


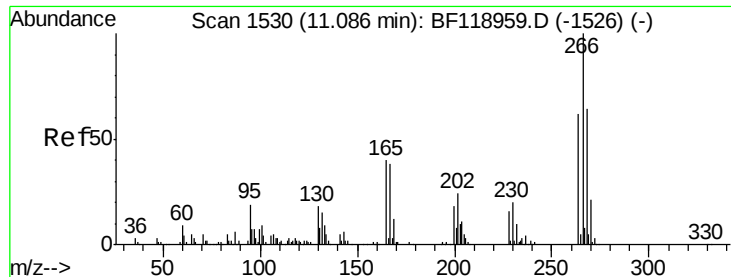
#69
Atrazine
Concen: 13.564 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.6	6.4	46.4
215	48.6	27.4	67.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

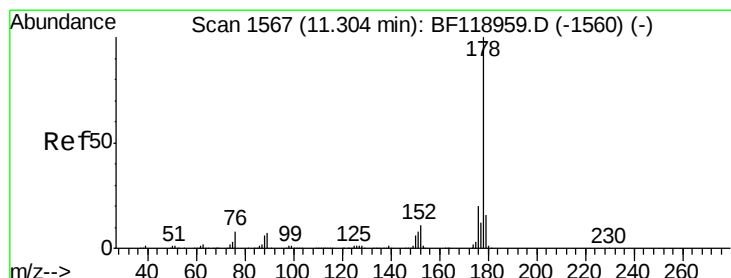
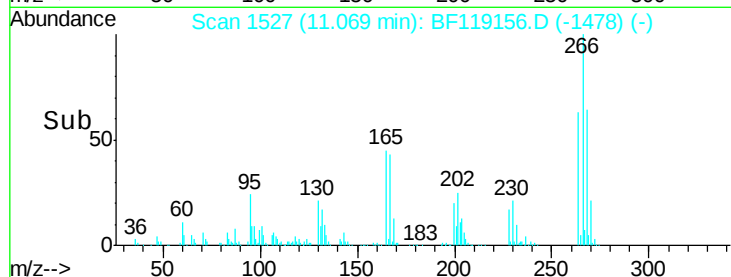
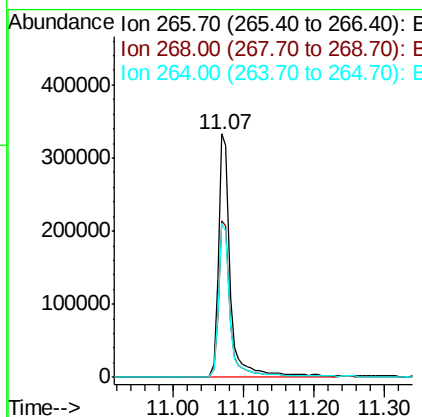
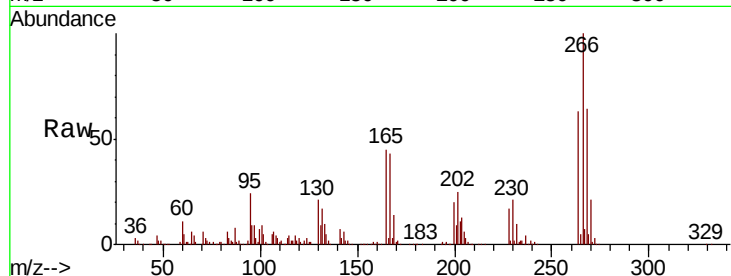




#70
 Pentachlorophenol
 Concen: 103.421 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF119156.D
 Acq: 29 Feb 2020 13:48

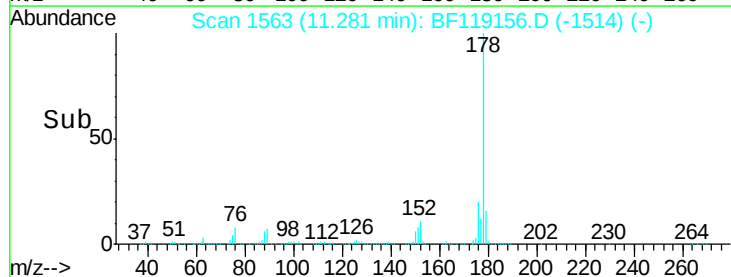
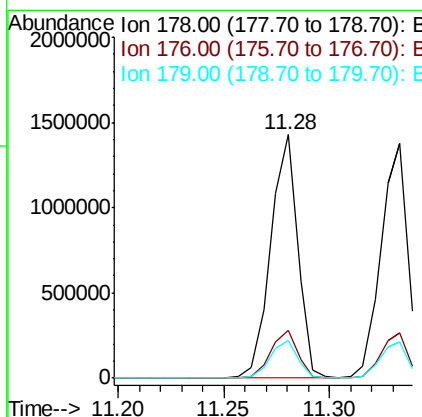
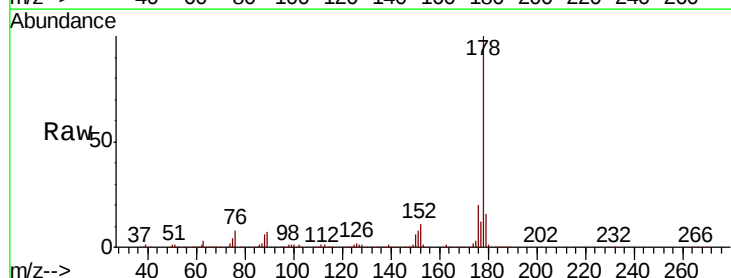
Instrument :
 BNA_F
 ClientSampleId :
 PB127150BS

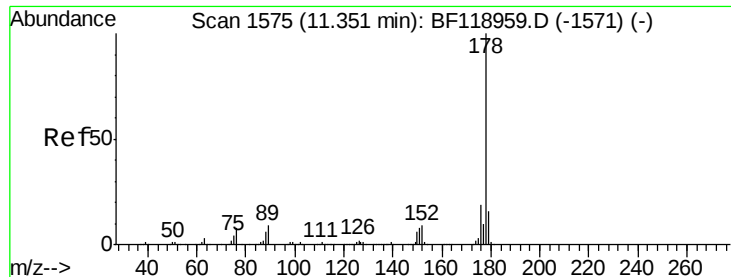
Tot Ion:266 Resp: 396557
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.9 77.9
 264 63.3 51.0 76.4



#71
 Phenanthrene
 Concen: 36.996 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF119156.D
 Acq: 29 Feb 2020 13:48

Tgt Ion:178 Resp: 1274336
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.5 24.7
 179 15.6 13.0 19.6





#72

Anthracene

Concen: 36.164 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

Instrument :

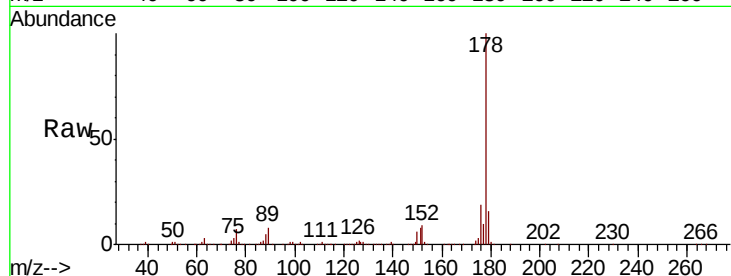
BNA_F

ClientSampleId :

PB127150BS

Tot Ion:178 Resp: 1244659

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	15.7	13.1	19.7

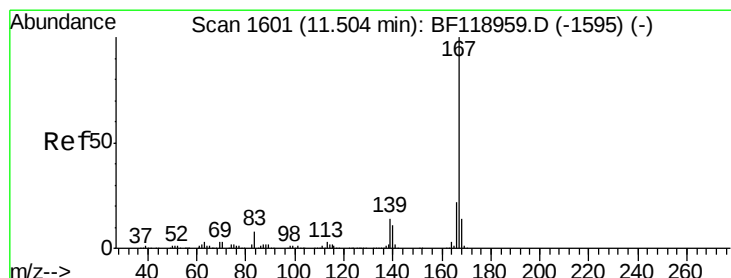
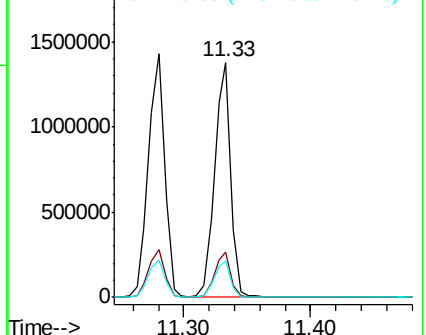
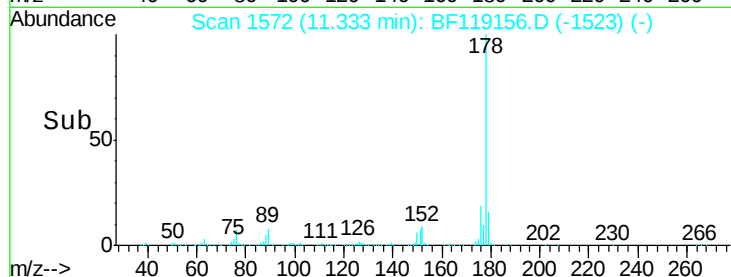


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 36.261 ng

RT: 11.49 min Scan# 1598

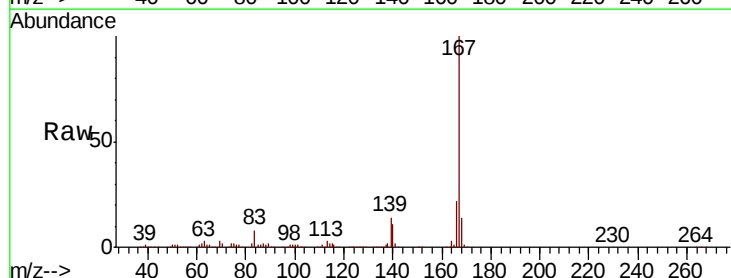
Delta R.T. -0.01 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

Tgt Ion:167 Resp: 1111804

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	13.9	11.7	17.5

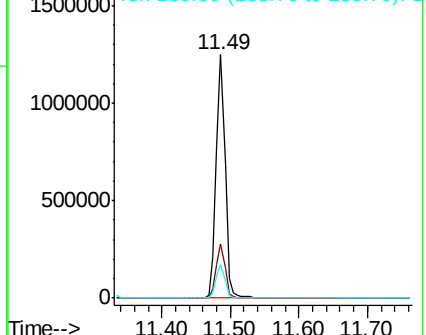
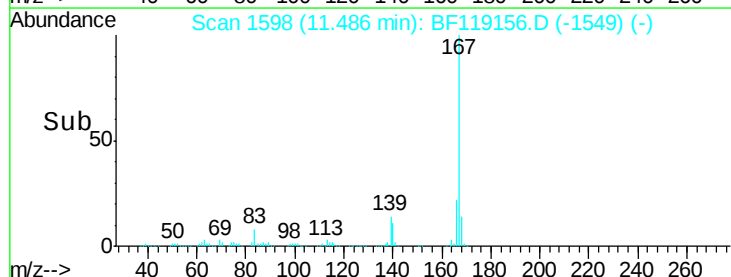


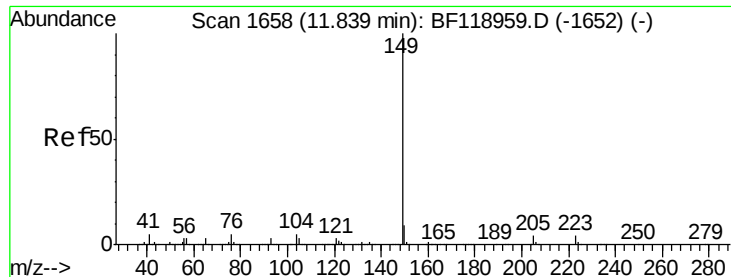
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 37.558 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

Instrument :

BNA_F

ClientSampleId :

PB127150BS

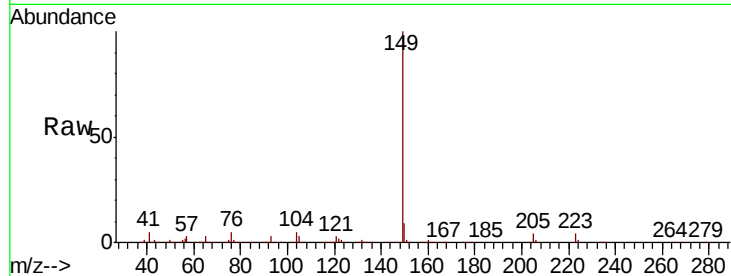
Tot Ion:149 Resp: 1394568

Ion Ratio Lower Upper

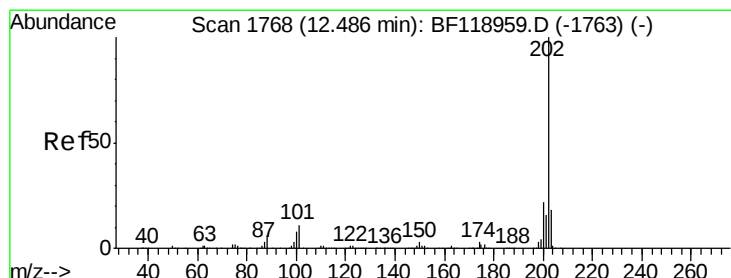
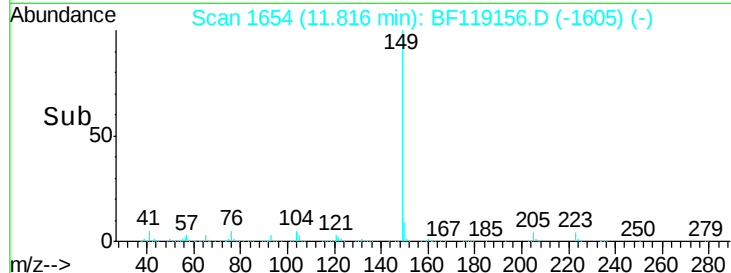
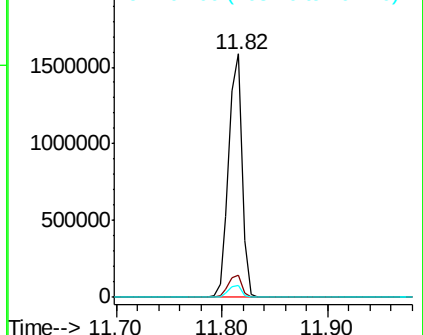
149 100

150 9.2 7.9 11.9

104 5.0 4.6 6.8



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



#75

Fluoranthene

Concen: 36.376 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

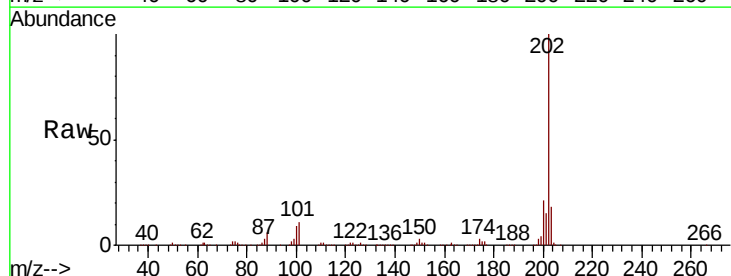
Tgt Ion:202 Resp: 1330020

Ion Ratio Lower Upper

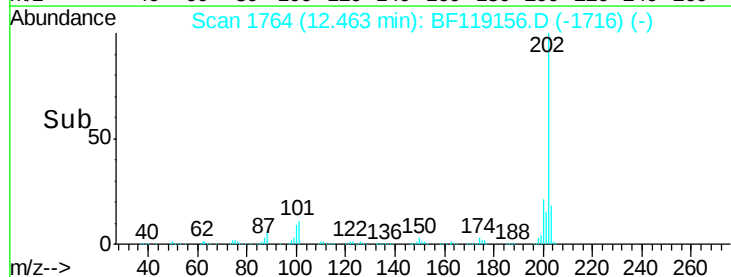
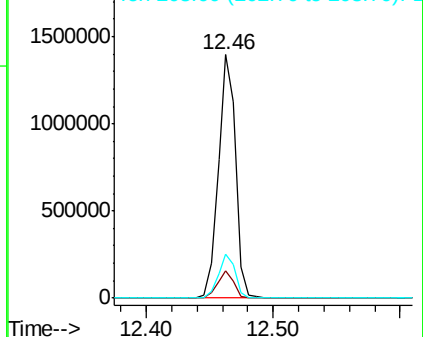
202 100

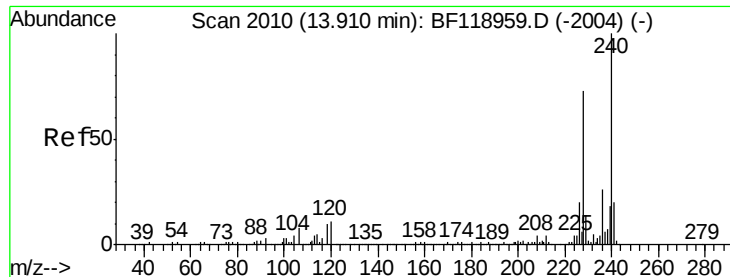
101 11.1 0.0 30.3

203 17.9 0.0 38.4



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

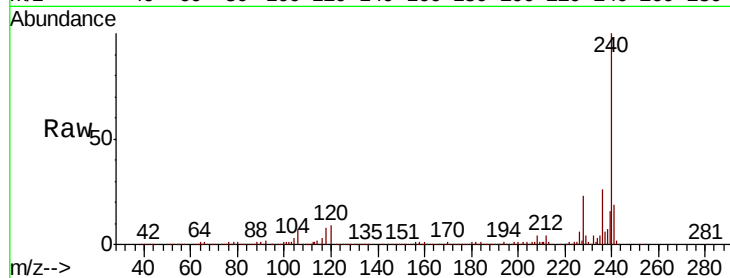




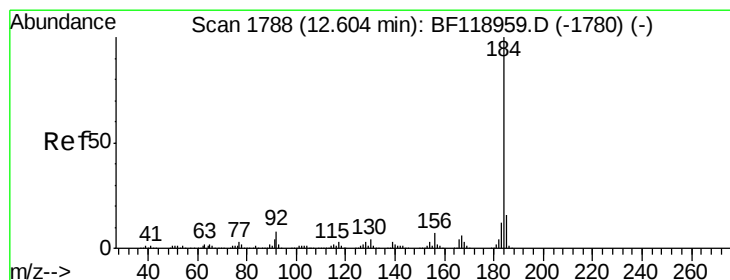
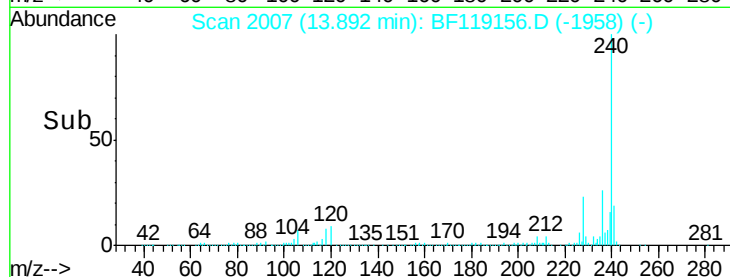
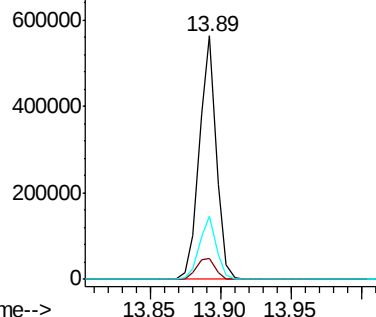
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF119156.D
 Acq: 29 Feb 2020 13:48

Instrument :
 BNA_F
 ClientSampleId :
 PB127150BS

Tot Ion:240 Resp: 470440
 Ion Ratio Lower Upper
 240 100
 120 8.6 8.4 12.6
 236 25.7 21.0 31.4

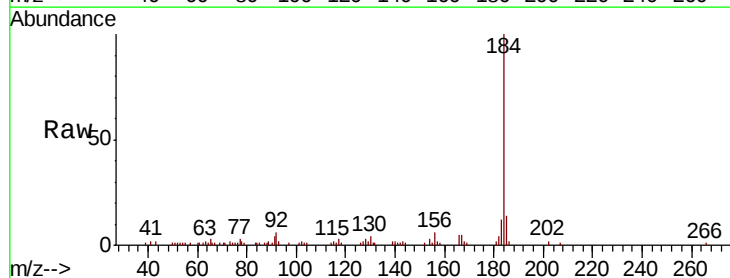


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

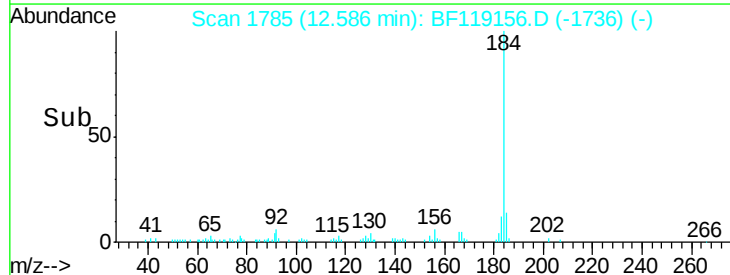
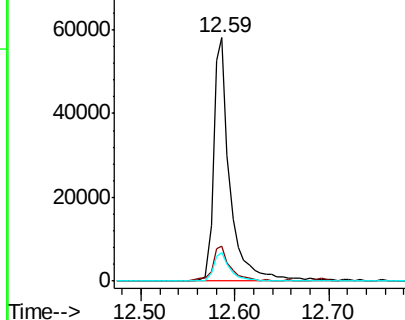


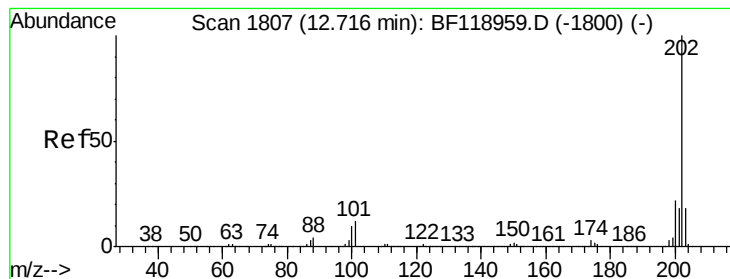
#77
 Benzidine
 Concen: 3.720 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BF119156.D
 Acq: 29 Feb 2020 13:48

Tgt Ion:184 Resp: 71167
 Ion Ratio Lower Upper
 184 100
 185 14.2 12.2 18.4
 183 12.0 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 34.626 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

Instrument :

BNA_F

ClientSampleId :

PB127150BS

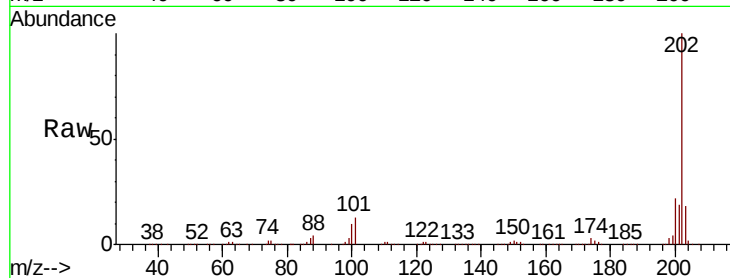
Tot Ion:202 Resp: 1308038

Ion Ratio Lower Upper

202 100

200 22.0 18.0 27.0

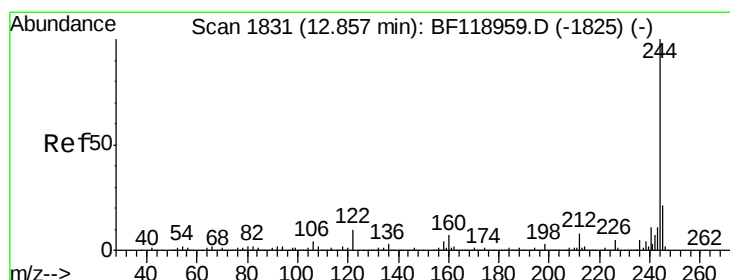
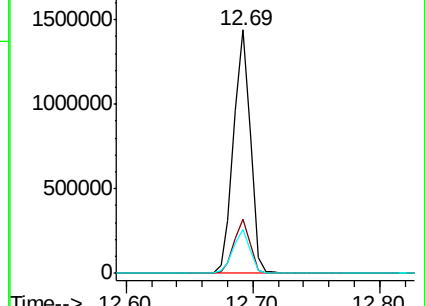
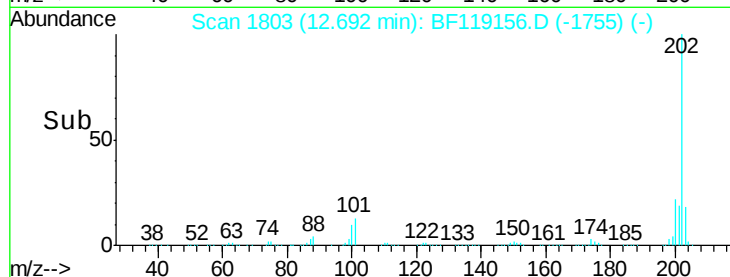
203 18.3 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 71.696 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

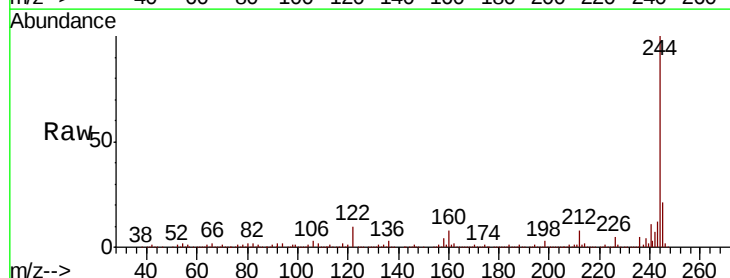
Tgt Ion:244 Resp: 1959064

Ion Ratio Lower Upper

244 100

212 7.6 6.6 10.0

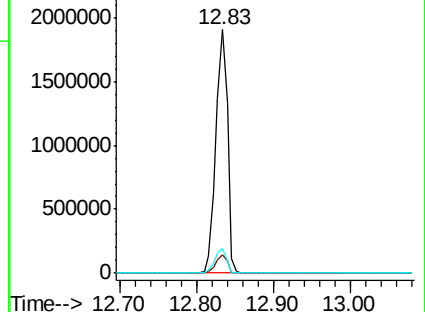
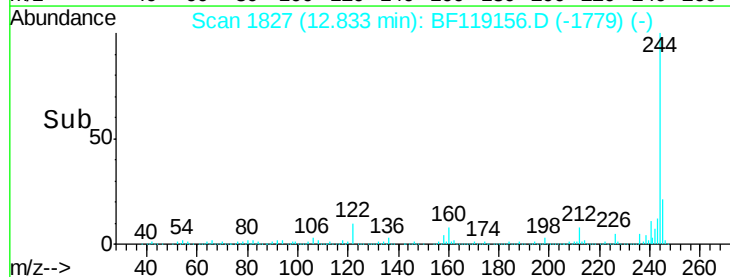
122 10.2 8.2 12.2

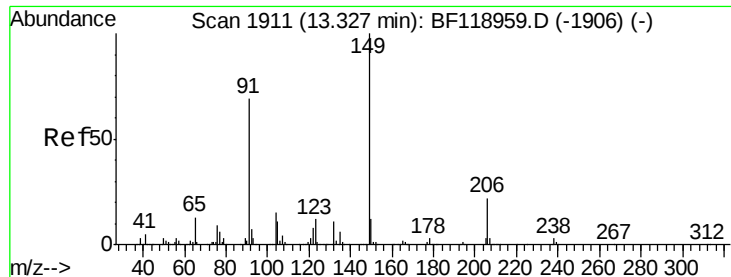


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

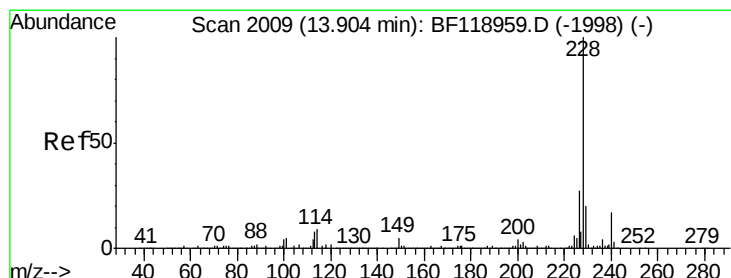
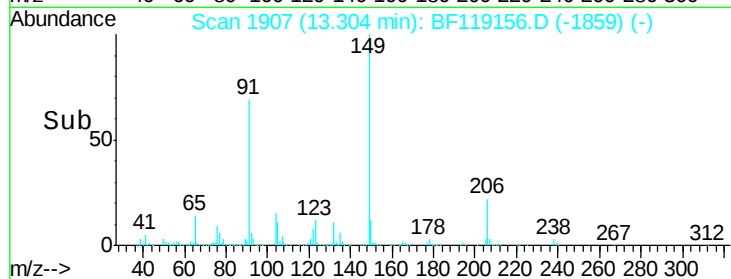
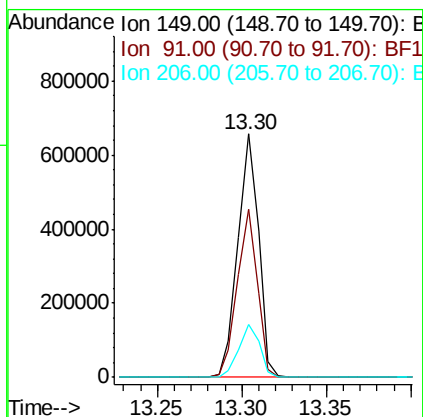
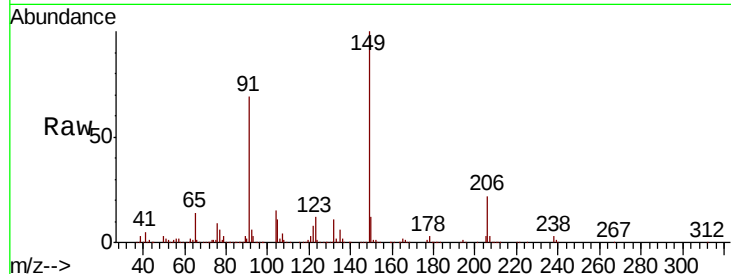




#80
Butylbenzylphthalate
Concen: 35.303 ng
RT: 13.30 min Scan# 1907
Delta R.T. -0.02 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

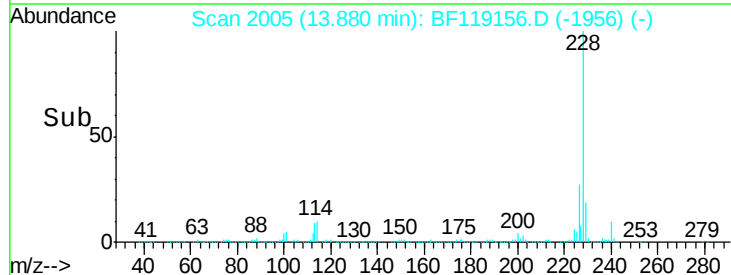
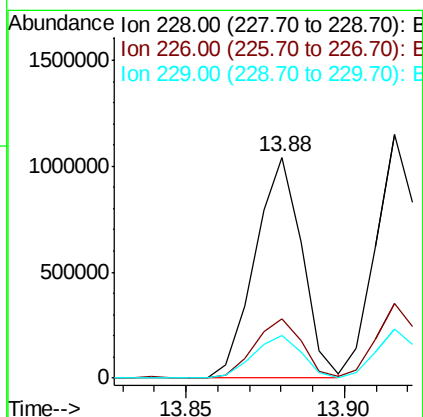
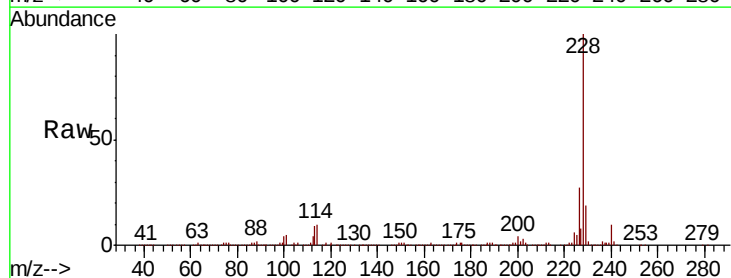
Instrument :
BNA_F
ClientSampleId :
PB127150BS

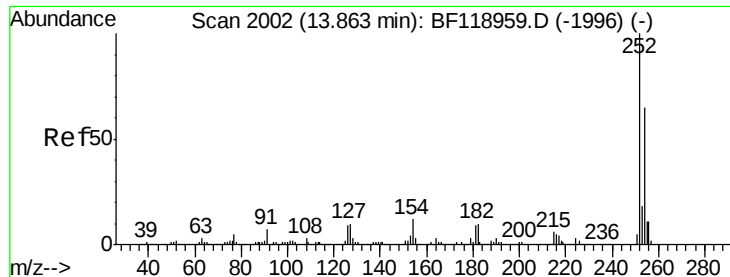
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.8	52.3	78.5
206	21.8	18.5	27.7



#81
Benzo(a)anthracene
Concen: 33.380 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.4	16.6	24.8





#82

3,3'-Dichlorobenzidine

Concen: 22.581 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

Instrument :

BNA_F

ClientSampleId :

PB127150BS

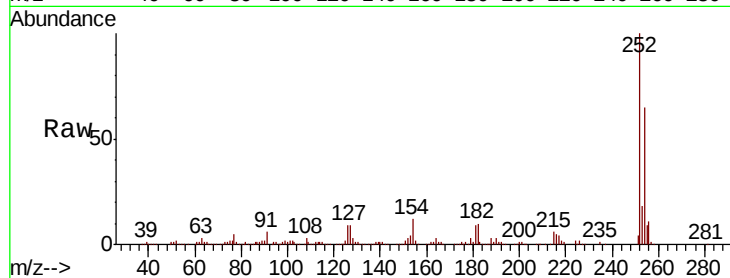
Tot Ion:252 Resp: 281062

Ion Ratio Lower Upper

252 100

254 64.7 51.6 77.4

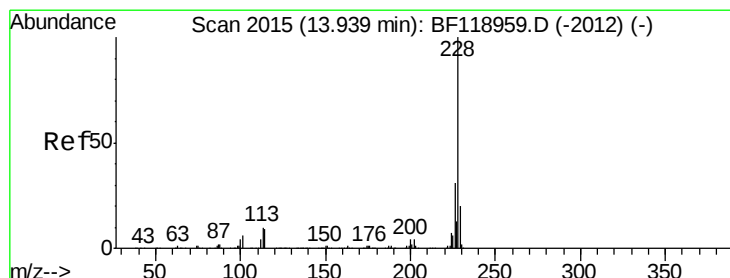
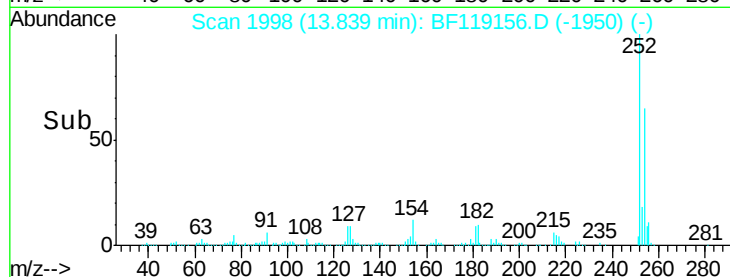
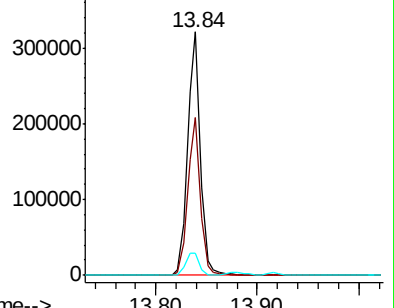
126 9.0 7.4 11.0



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: 32.183 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.02 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

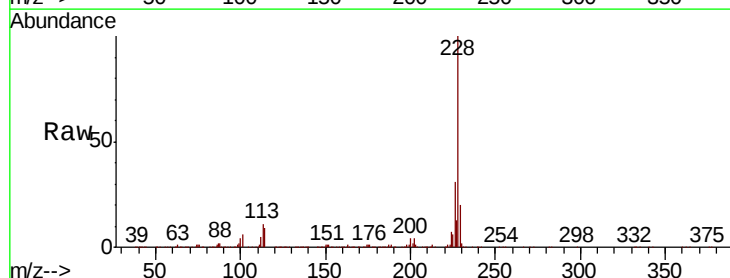
Tgt Ion:228 Resp: 1027905

Ion Ratio Lower Upper

228 100

226 30.8 25.1 37.7

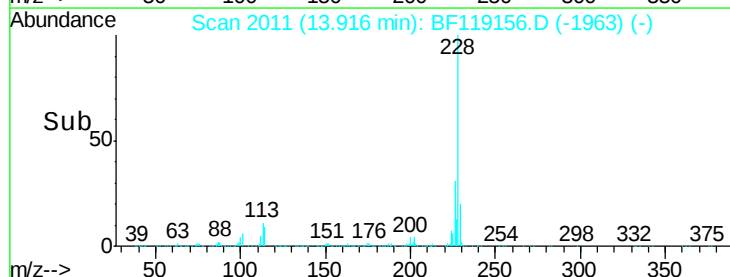
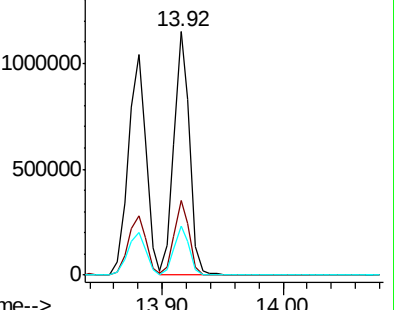
229 20.2 16.3 24.5

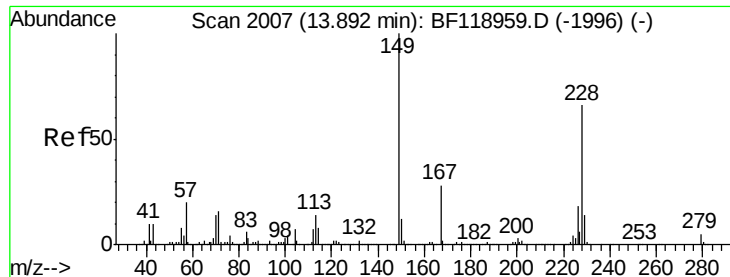


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 36.320 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

Instrument :

BNA_F

ClientSampleId :

PB127150BS

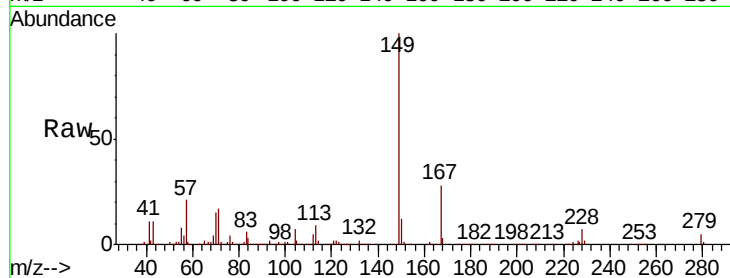
Tot Ion:149 Resp: 729513

Ion Ratio Lower Upper

149 100

167 27.6 22.8 34.2

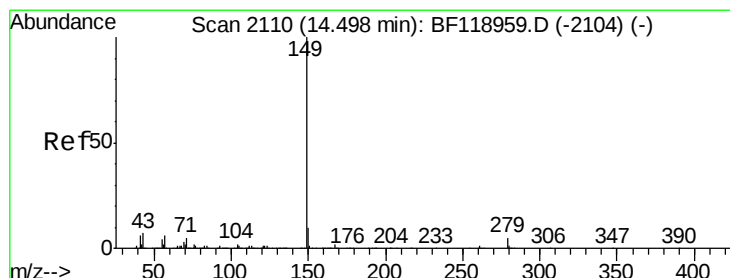
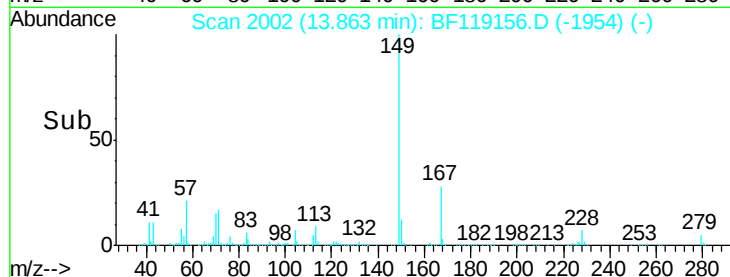
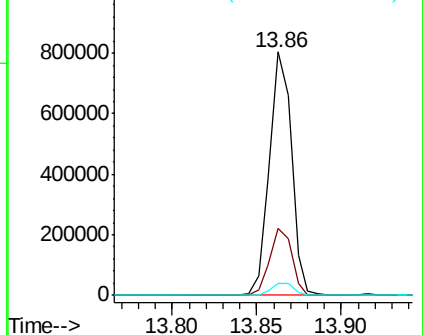
279 4.8 4.6 6.8



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: 34.220 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

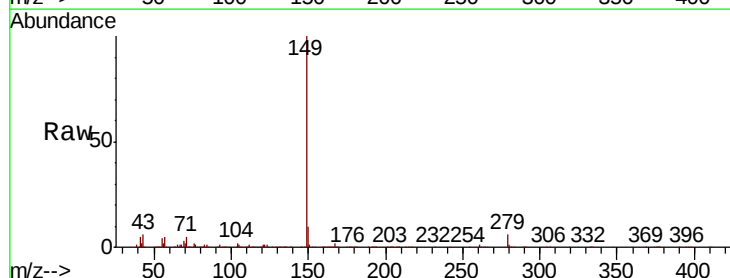
Tgt Ion:149 Resp: 1095140

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

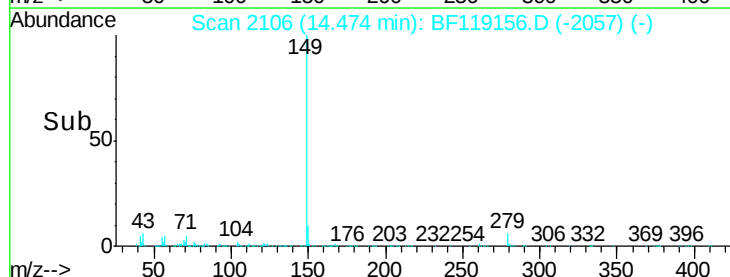
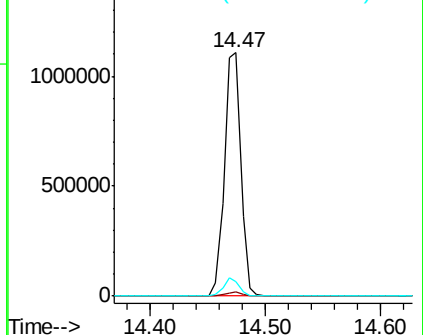
43 6.9 5.7 8.5

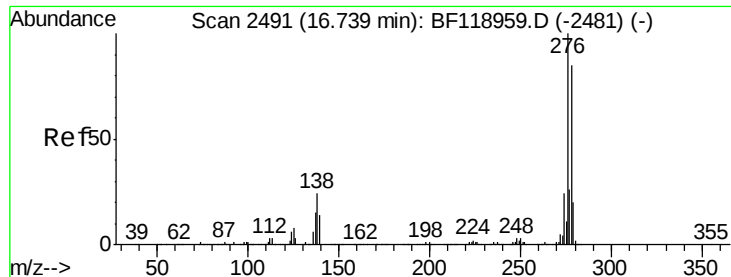


Abundance Ion 149.00 (148.70 to 149.70): E

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: 28.730 ng

RT: 16.72 min Scan# 2487

Delta R.T. -0.02 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

Instrument :

BNA_F

ClientSampleId :

PB127150BS

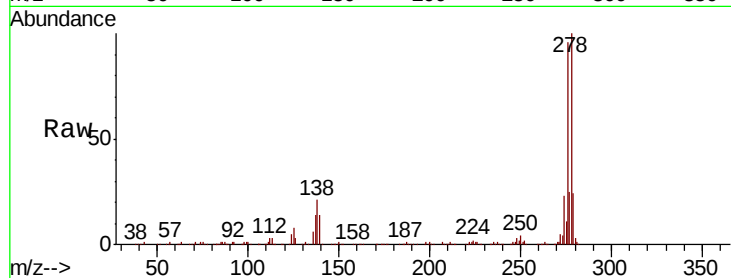
Tot Ion:276 Resp: 888506

Ion Ratio Lower Upper

276 100

138 21.7 17.4 26.0

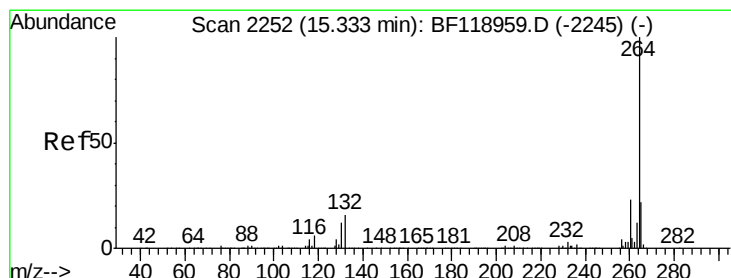
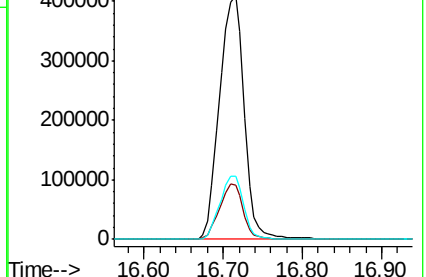
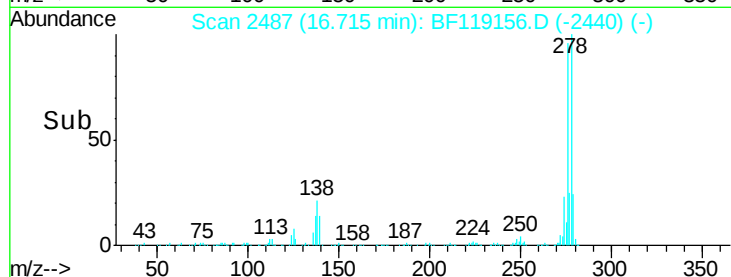
277 25.4 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

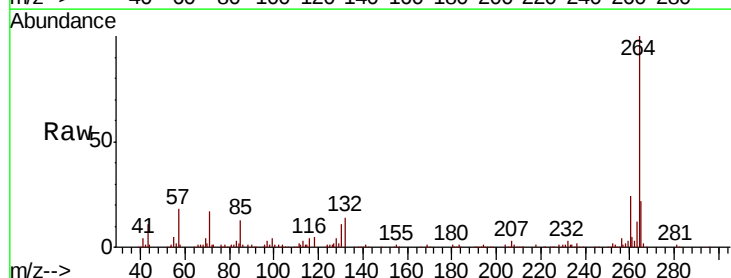
Tgt Ion:264 Resp: 233160

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

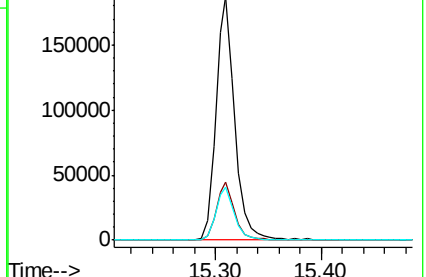
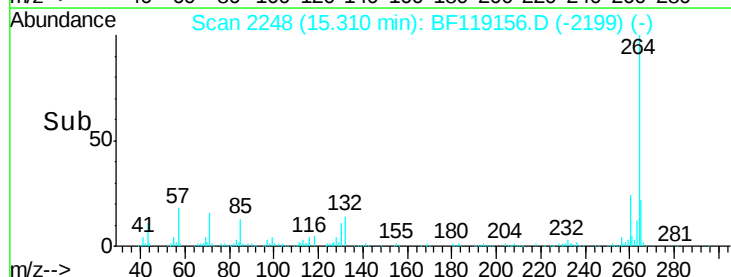
265 22.0 17.7 26.5

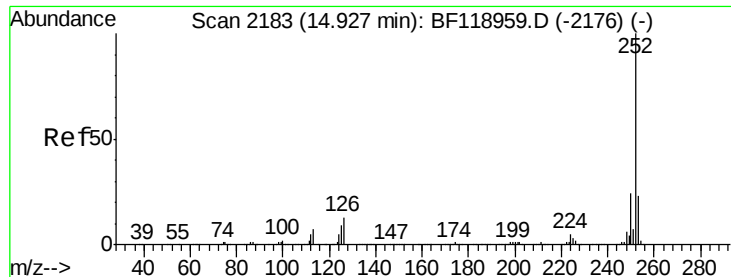


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

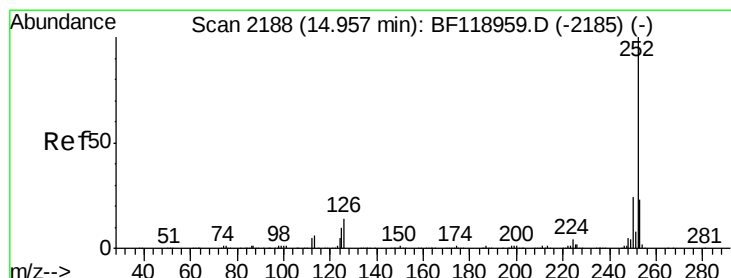
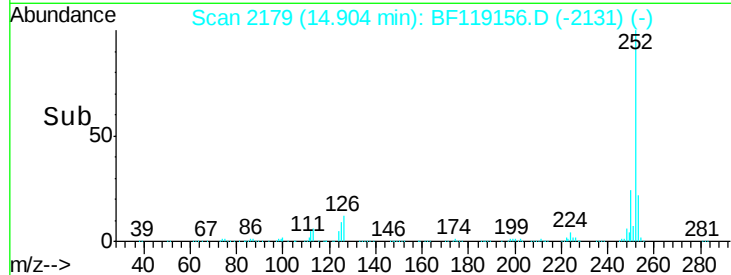
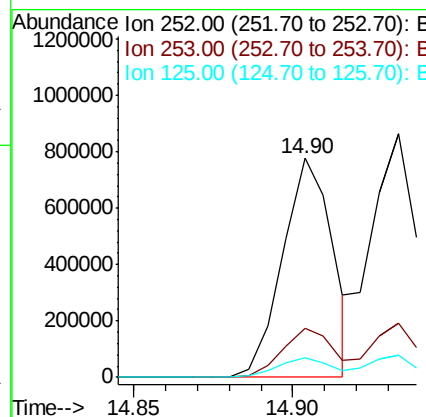
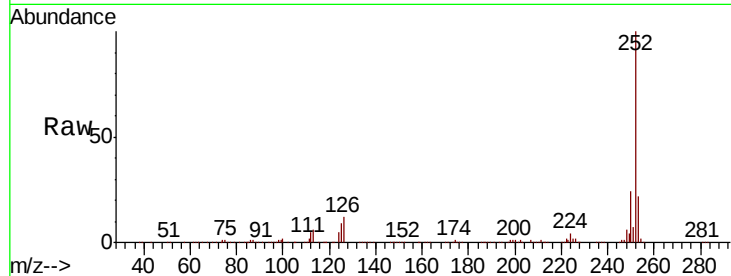




#88
Benzo(b)fluoranthene
Concen: 55.706 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

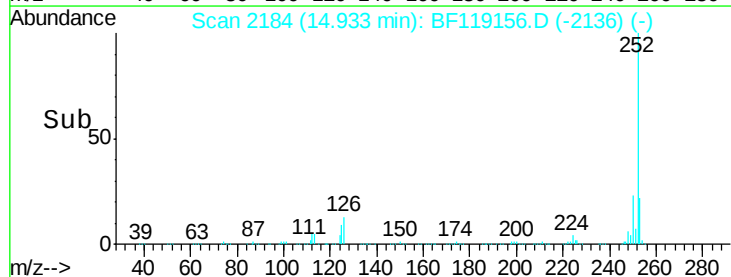
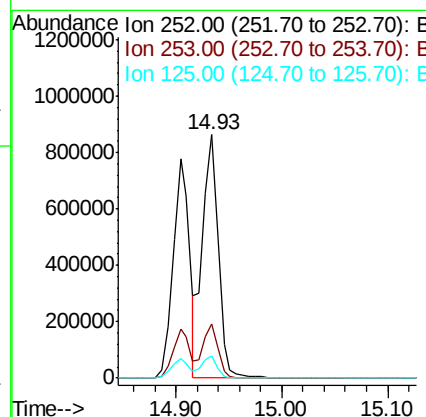
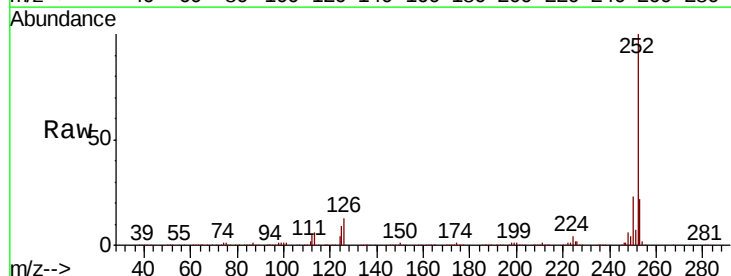
Instrument :
BNA_F
ClientSampleId :
PB127150BS

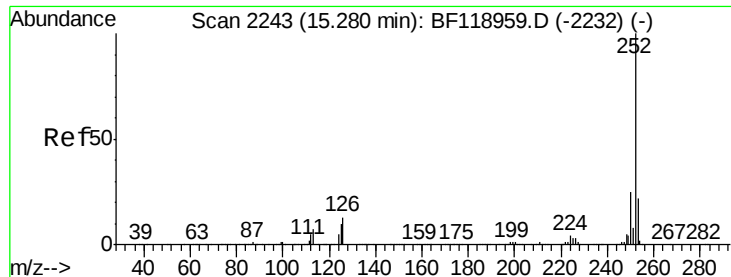
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	9.2	7.4	11.0



#89
Benzo(k)fluoranthene
Concen: 62.261 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	8.9	7.5	11.3

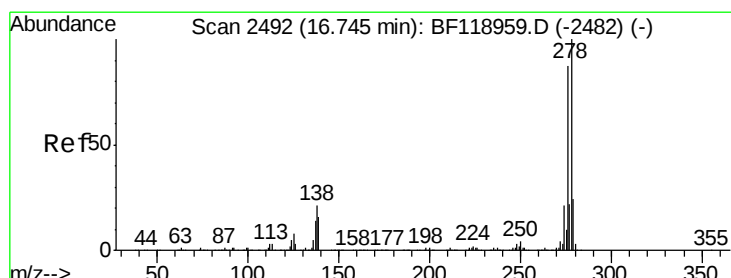
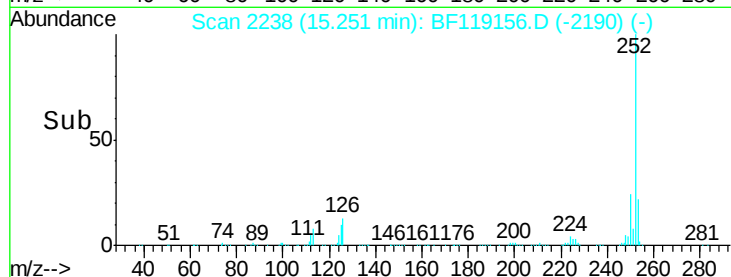
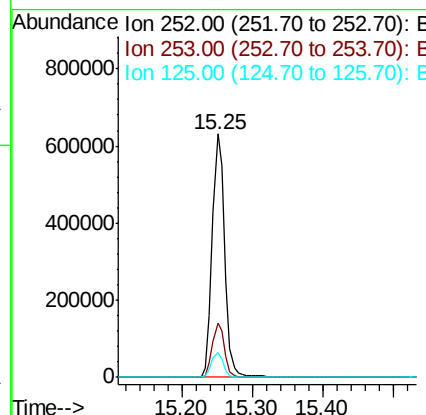
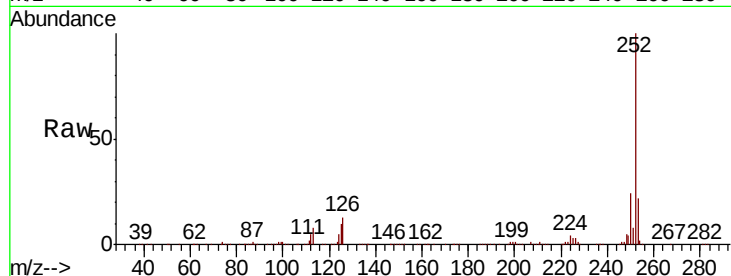




#90
Benzo(a)pyrene
Concen: 56.014 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

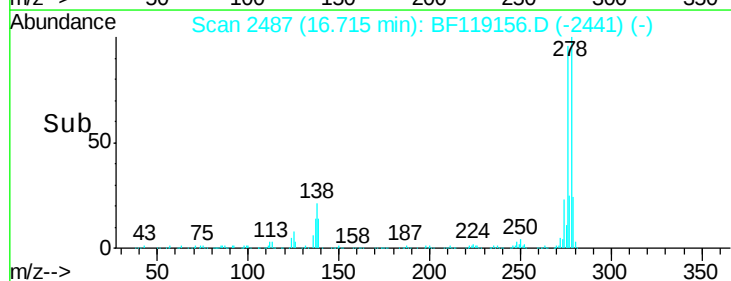
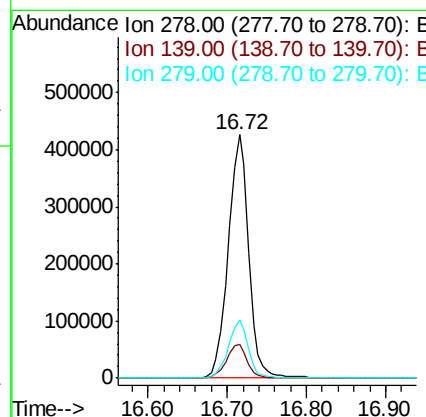
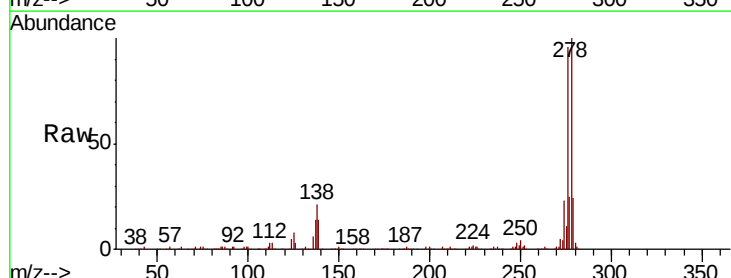
Instrument :
BNA_F
ClientSampleId :
PB127150BS

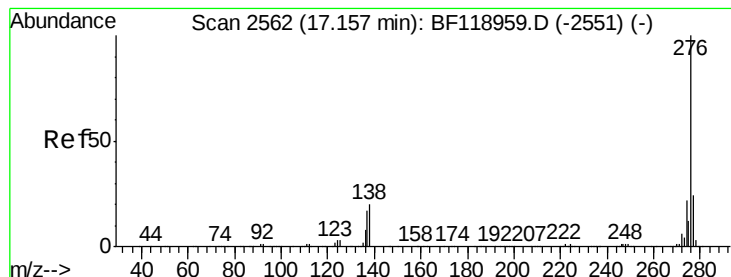
Tot Ion:252 Resp: 776948
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 10.2 8.6 12.8



#91
Dibenzo(a,h)anthracene
Concen: 62.276 ng
RT: 16.72 min Scan# 2487
Delta R.T. -0.03 min
Lab File: BF119156.D
Acq: 29 Feb 2020 13:48

Tgt Ion:278 Resp: 760043
Ion Ratio Lower Upper
278 100
139 13.9 11.0 16.4
279 23.6 18.6 28.0





#92

Benzo(a,h,i)perylene

Concen: 62.643 ng

RT: 17.13 min Scan# 2557

Delta R.T. -0.03 min

Lab File: BF119156.D

Acq: 29 Feb 2020 13:48

Instrument :

BNA_F

ClientSampleId :

PB127150BS

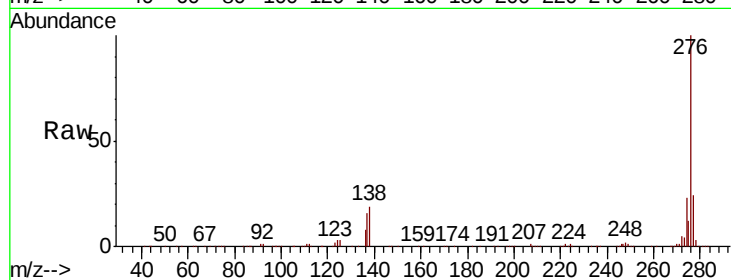
Tot Ion:276 Resp: 755387

Ion Ratio Lower Upper

276 100

277 24.5 18.7 28.1

138 19.0 14.3 21.5



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

