

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119266.D
 Acq On : 6 Mar 2020 23:07
 Operator : CG/JU
 Sample : L1761-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 23:51:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	105998	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	404387	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	226523	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	431498	20.00	ng	0.00
76) Chrysene-d12	13.89	240	340246	20.00	ng	0.00
87) Perylene-d12	15.31	264	337776	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	760041	119.83	ng	0.01
7) Phenol-d6	6.38	99	833123	108.00	ng	0.00
23) Nitrobenzene-d5	7.29	82	648568	84.68	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	365170	123.23	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1292746	84.07	ng	0.00
79) Terphenyl-d14	12.83	244	1770619	89.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	104096	36.861	ng	97
3) Pyridine	3.23	79	162279	21.041	ng	97
4) n-Nitrosodimethylamine	3.13	42	102697	43.957	ng	95
6) Aniline	6.40	93	70762	7.434	ng	# 1
8) 2-Chlorophenol	6.52	128	316896	46.296	ng	100
9) Benzaldehyde	6.28	77	245352	47.606	ng	97
10) Phenol	6.40	94	318227	38.156	ng	79
11) bis(2-Chloroethyl)ether	6.46	93	290587	45.537	ng	98
12) 1,3-Dichlorobenzene	6.66	146	342021	41.689	ng	96
13) 1,4-Dichlorobenzene	6.74	146	350141	42.649	ng	99
14) 1,2-Dichlorobenzene	6.89	146	322611	43.087	ng	99
15) Benzyl Alcohol	6.88	79	264391	47.423	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	230123	41.630	ng	# 32
17) 2-Methylphenol	7.00	107	248473	44.773	ng	94
18) Hexachloroethane	7.23	117	123222	41.952	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	221138	49.198	ng	96
20) 3+4-Methylphenols	7.16	107	328472	48.312	ng	# 86
22) Acetophenone	7.14	105	441899	47.229	ng	# 94
24) Nitrobenzene	7.31	77	335317	44.273	ng	96
25) Isophorone	7.55	82	598340	44.984	ng	99
26) 2-Nitrophenol	7.63	139	175302	43.684	ng	95
27) 2,4-Dimethylphenol	7.67	122	261249	47.968	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	362470	41.867	ng	99
29) 2,4-Dichlorophenol	7.88	162	280067	43.681	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	306855	40.366	ng	98
31) Naphthalene	8.03	128	1021552	48.710	ng	98
32) Benzoic acid	7.83	122	111476	30.827	ng	99
33) 4-Chloroaniline	8.09	127	49200	5.454	ng	96
34) Hexachlorobutadiene	8.15	225	185856	39.250	ng	99
35) Caprolactam	8.46	113	39852	20.186	ng	97
36) 4-Chloro-3-methylphenol	8.59	107	298107	45.941	ng	99
37) 2-Methylnaphthalene	8.72	142	665466	47.151	ng	97
38) 1-Methylnaphthalene	8.82	142	629405	47.419	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	317293	41.545	ng	99

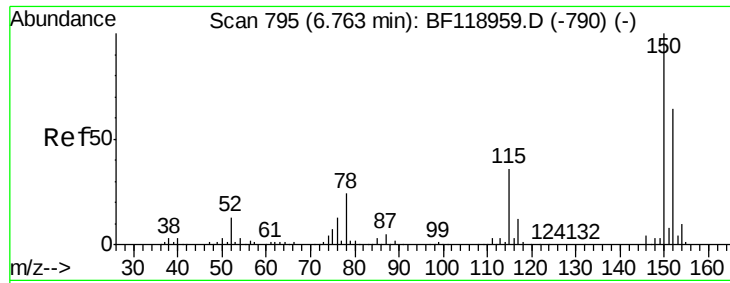
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
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 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	109374	44.117	ng	98
43) 2,4,6-Trichlorophenol	9.01	196	197854	41.023	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	206602	40.822	ng	98
46) 1,1'-Biphenyl	9.18	154	782229	42.727	ng	98
47) 2-Chloronaphthalene	9.21	162	619663	42.002	ng	97
48) 2-Nitroaniline	9.31	65	179956	43.732	ng	93
49) Acenaphthylene	9.62	152	946182	44.405	ng	99
50) Dimethylphthalate	9.49	163	790739	45.650	ng	99
51) 2,6-Dinitrotoluene	9.55	165	170175	44.220	ng #	81
52) Acenaphthene	9.79	154	575189	44.767	ng	100
53) 3-Nitroaniline	9.73	138	33372	7.822	ng	94
54) 2,4-Dinitrophenol	9.85	184	85113	48.728	ng	93
55) Dibenzofuran	9.97	168	846296	44.130	ng	98
56) 4-Nitrophenol	9.92	139	118247	46.130	ng #	83
57) 2,4-Dinitrotoluene	9.97	165	219561	44.016	ng	98
58) Fluorene	10.31	166	702072	47.113	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	186286	43.622	ng	97
60) Diethylphthalate	10.19	149	735866	45.080	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	358325	45.427	ng	95
62) 4-Nitroaniline	10.35	138	135601	31.065	ng	98
63) Azobenzene	10.46	77	660738	46.568	ng	96
65) 4,6-Dinitro-2-methylphenol	10.38	198	100482	38.483	ng	98
66) n-Nitrosodiphenylamine	10.42	169	624259	44.183	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	236064	41.854	ng	96
68) Hexachlorobenzene	10.86	284	275764	42.406	ng	98
69) Atrazine	10.95	200	216411	43.839	ng	97
70) Pentachlorophenol	11.06	266	180459	68.890	ng	97
71) Phenanthrene	11.27	178	1085760	46.140	ng	98
72) Anthracene	11.32	178	1096595	46.639	ng	99
73) Carbazole	11.48	167	977549	46.669	ng	99
74) Di-n-butylphthalate	11.80	149	1178047	46.441	ng	98
75) Fluoranthene	12.46	202	1165643	46.666	ng	99
77) Benzidine	12.58	184	146184	10.564	ng	99
78) Pyrene	12.69	202	1171637	42.884	ng	99
80) Butylbenzylphthalate	13.30	149	512398	44.561	ng	99
81) Benzo(a)anthracene	13.87	228	1047142	45.168	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	119274	13.250	ng	99
83) Chrysene	13.91	228	1019633	44.140	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	708850	48.795	ng	99
85) Di-n-octyl phthalate	14.46	149	1159830	50.109	ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1013940	45.331	ng	100
88) Benzo(b)fluoranthene	14.90	252	944753	42.433	ng	100
89) Benzo(k)fluoranthene	14.93	252	980163	47.505	ng	99
90) Benzo(a)pyrene	15.26	252	860969	42.847	ng	97
91) Dibenzo(a,h)anthracene	16.72	278	855044	48.361	ng	99
92) Benzo(g,h,i)perylene	17.14	276	855779	48.988	ng	99

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

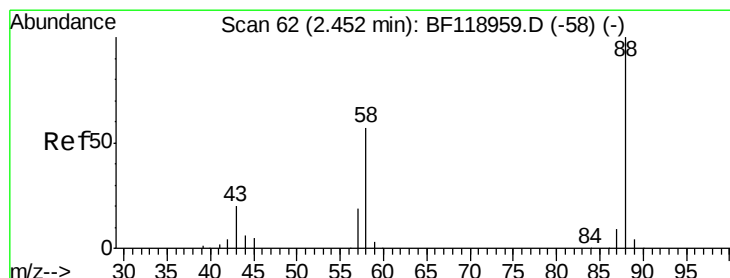
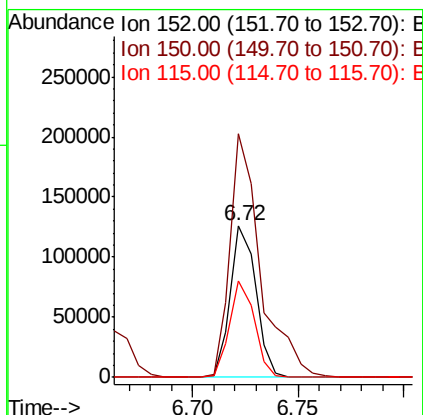
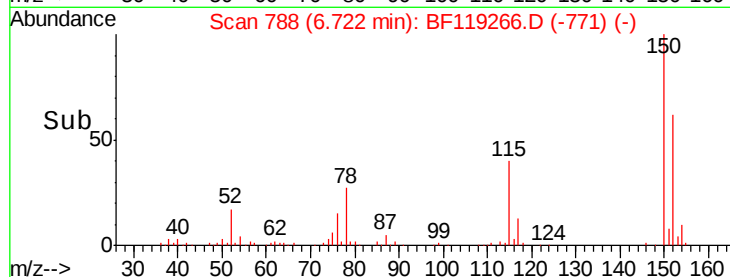
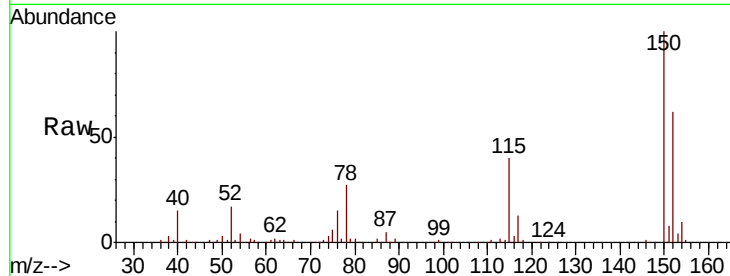


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :

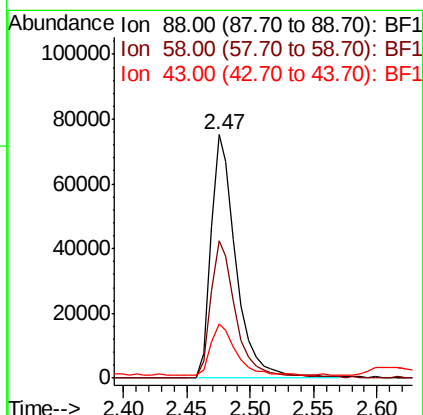
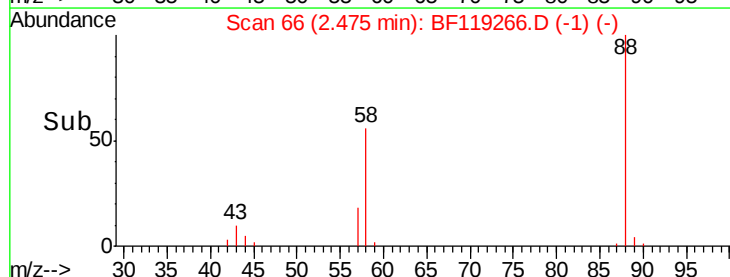
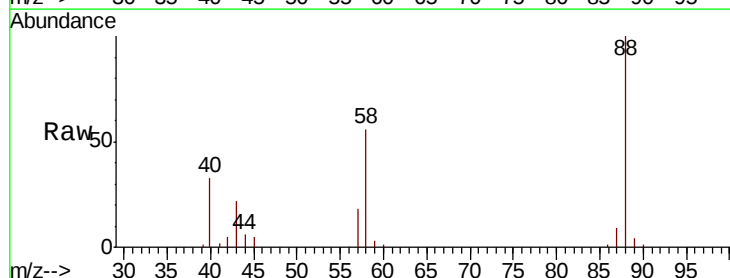
Tot Ion:152 Resp: 105998
Ion Ratio Lower Upper
152 100
150 160.2 123.0 184.6
115 63.7 49.5 74.3

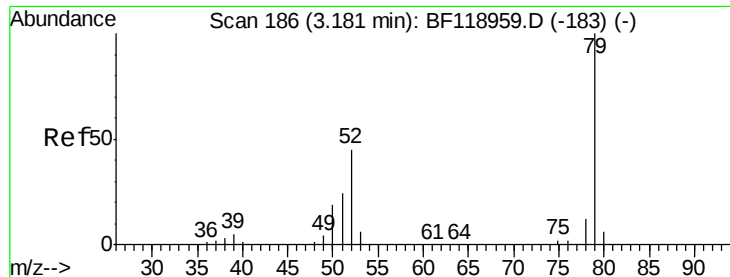


#2

1,4-Dioxane
Concen: 36.861 ng
RT: 2.47 min Scan# 66
Delta R.T. 0.09 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion: 88 Resp: 104096
Ion Ratio Lower Upper
88 100
58 57.3 43.8 65.6
43 21.5 16.2 24.4

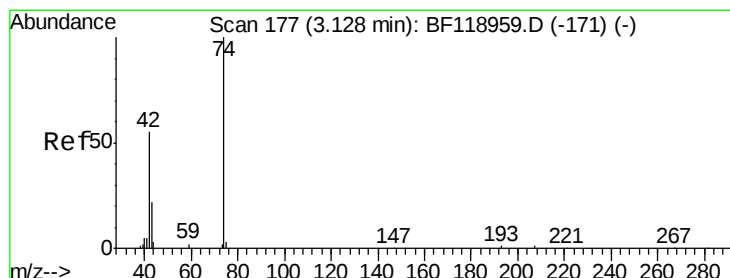
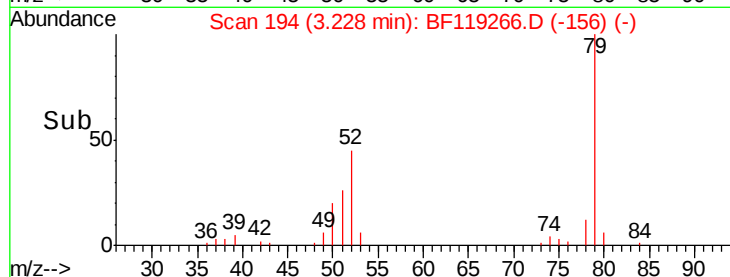
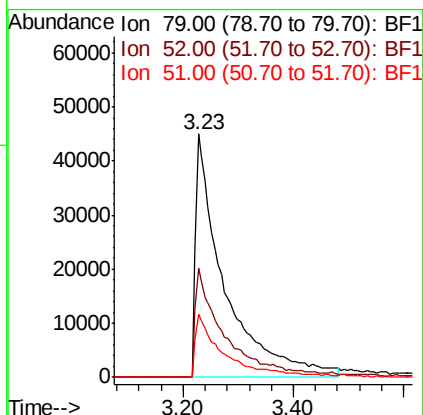
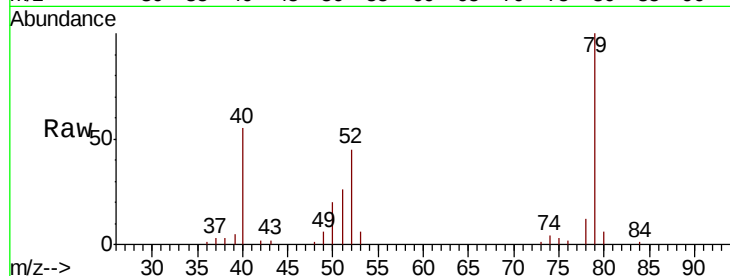




#3
 Pvridine
 Concen: 21.041 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.12 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

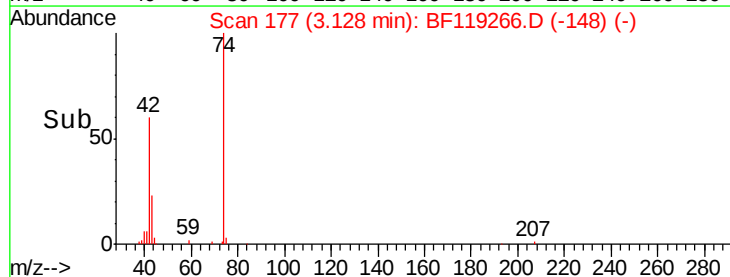
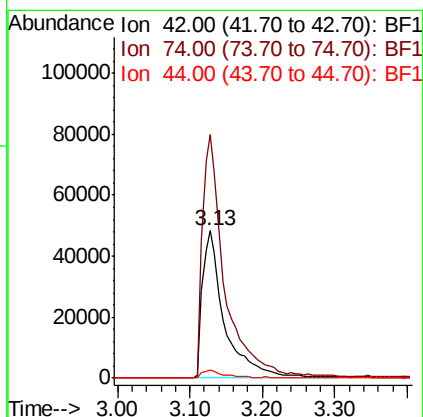
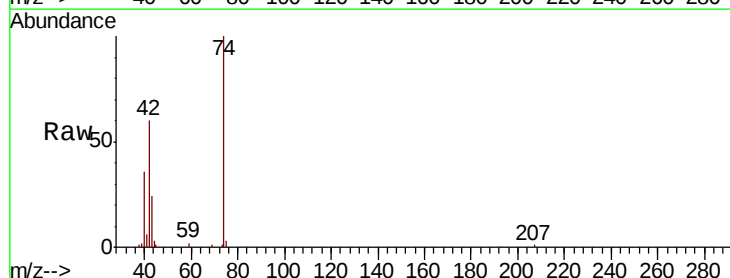
Instrument :
 BNA_F
 ClientSampled :

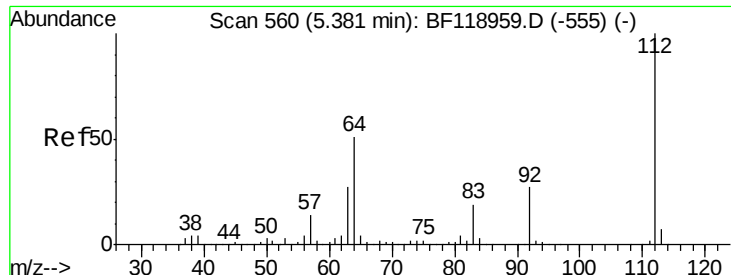
Tot Ion: 79 Resp: 162279
 Ion Ratio Lower Upper
 79 100
 52 45.0 37.4 56.0
 51 26.1 19.8 29.6



#4
 n-Nitrosodimethylamine
 Concen: 43.957 ng
 RT: 3.13 min Scan# 177
 Delta R.T. 0.07 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion: 42 Resp: 102697
 Ion Ratio Lower Upper
 42 100
 74 165.5 137.7 206.5
 44 5.5 4.5 6.7





#5

2-Fluorophenol

Concen: 119.829 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

ClientSampled :

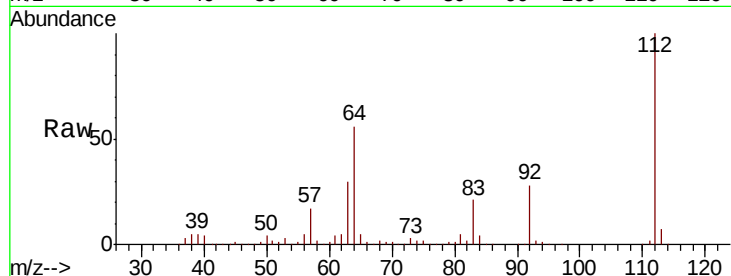
Tot Ion:112 Resp: 760041

Ion Ratio Lower Upper

112 100

64 56.0 45.0 67.4

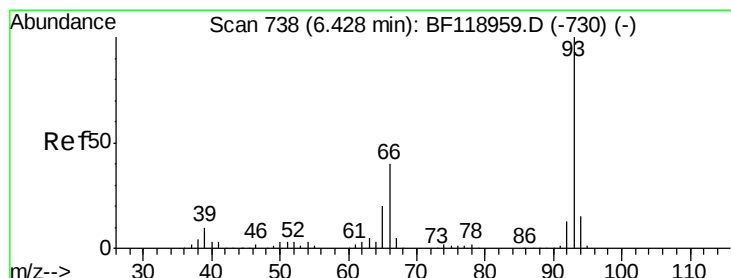
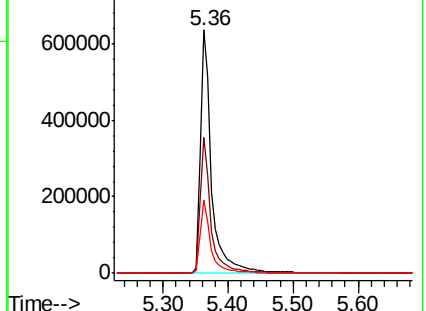
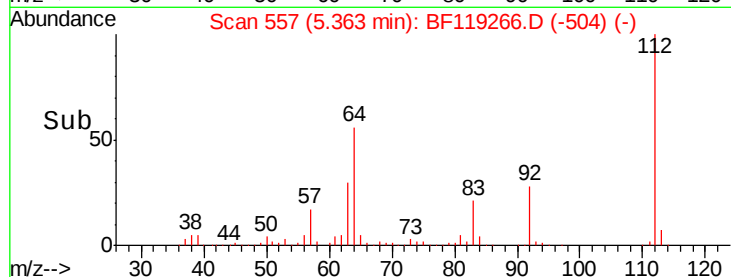
63 30.1 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 7.434 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

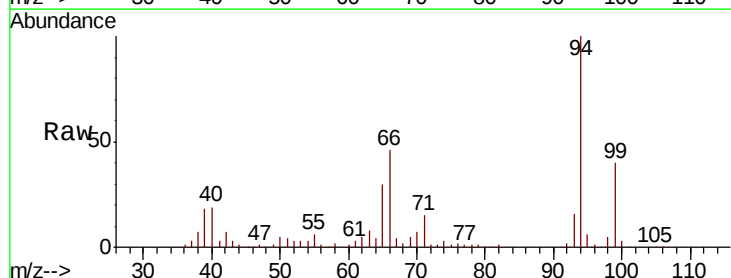
Tgt Ion: 93 Resp: 70762

Ion Ratio Lower Upper

93 100

66 284.1 74.5 111.7#

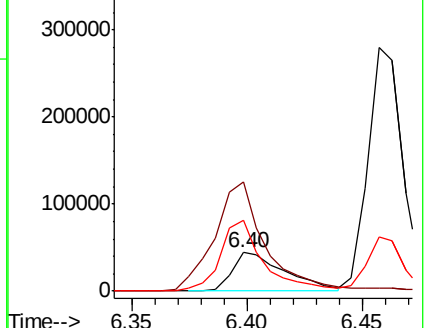
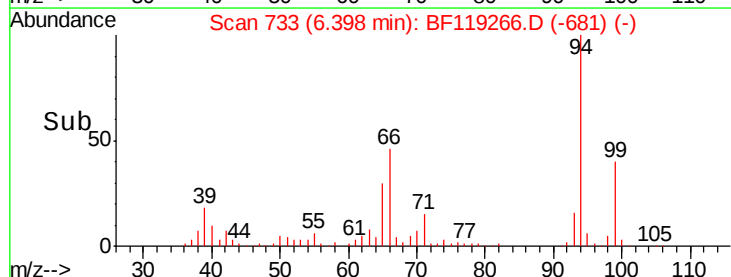
65 184.2 45.3 67.9#

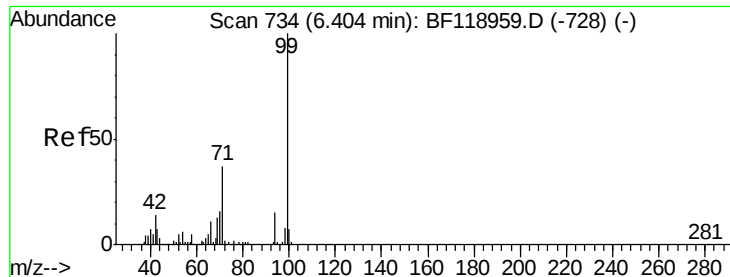


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.003 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

ClientSampled :

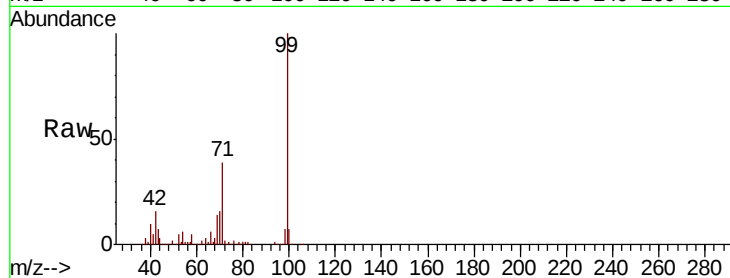
Tot Ion: 99 Resp: 833123

Ion Ratio Lower Upper

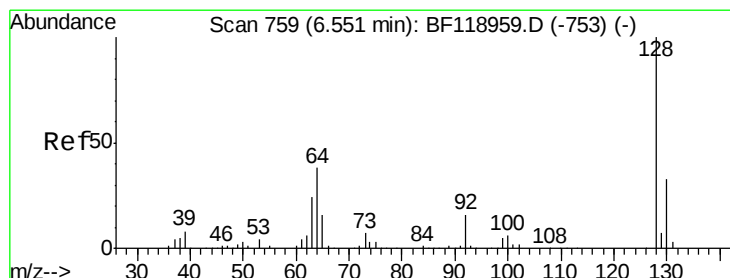
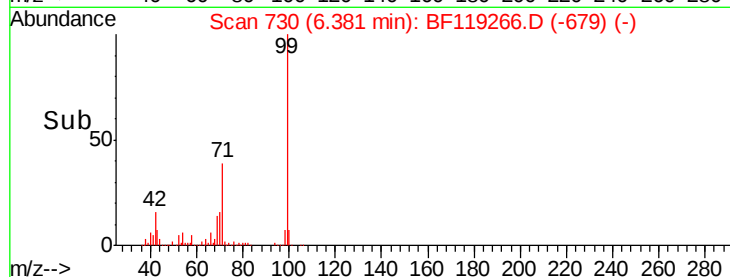
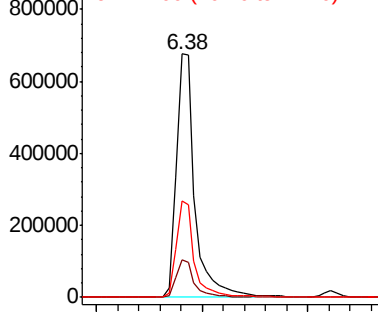
99 100

42 15.6 12.6 18.8

71 39.4 31.0 46.4



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



#8

2-Chlorophenol

Concen: 46.296 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

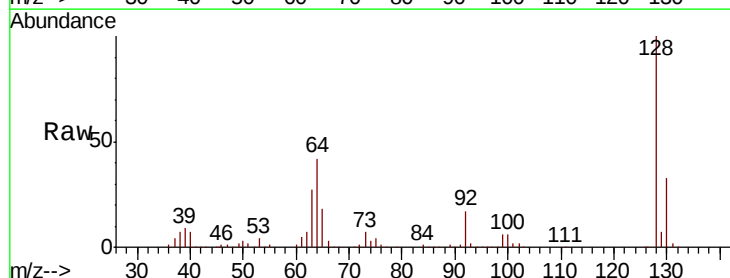
Tgt Ion:128 Resp: 316896

Ion Ratio Lower Upper

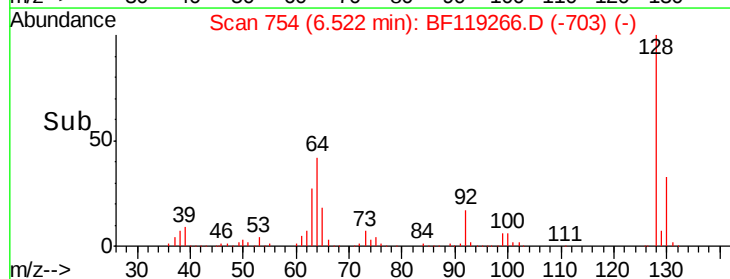
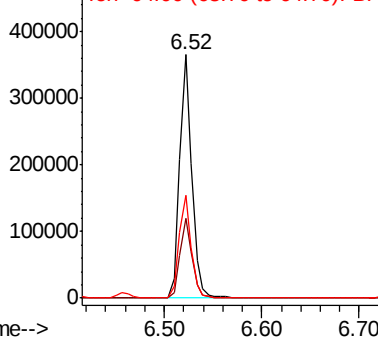
128 100

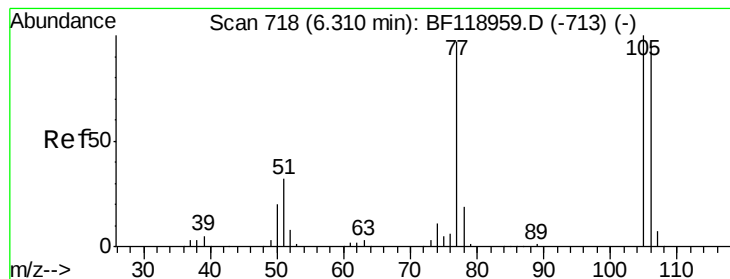
130 32.8 12.7 52.7

64 42.1 22.3 62.3



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





#9

Benzaldehyde

Concen: 47.606 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

ClientSampleId :

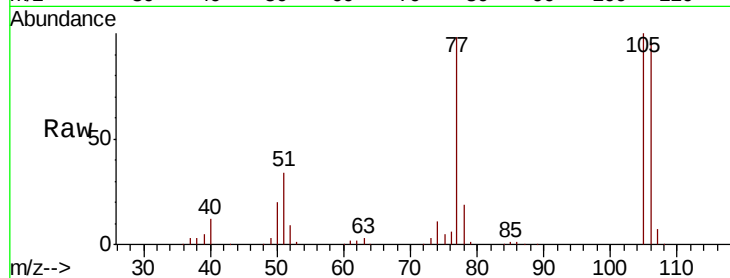
Tot Ion: 77 Resp: 245352

Ion Ratio Lower Upper

77 100

105 102.5 80.1 120.1

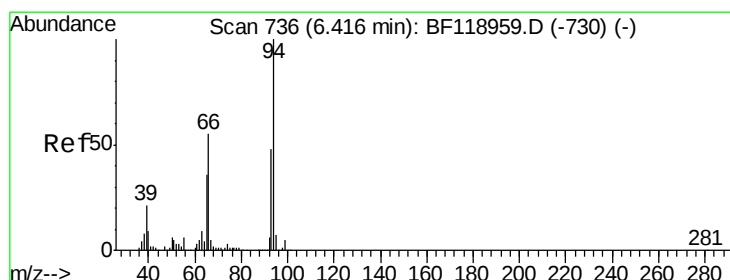
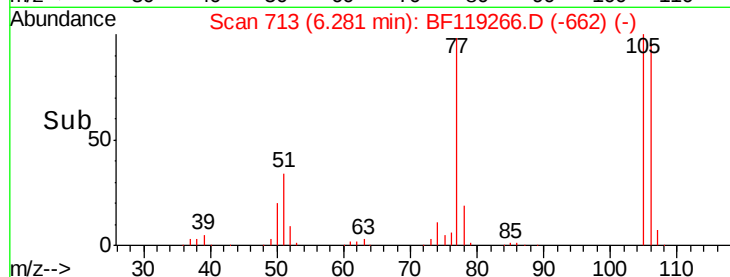
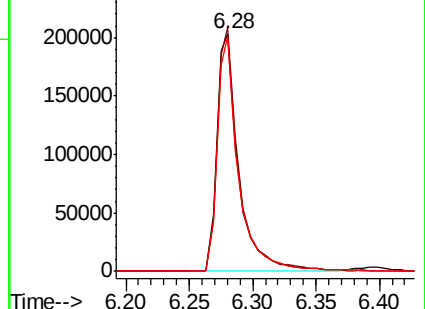
106 98.7 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.156 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

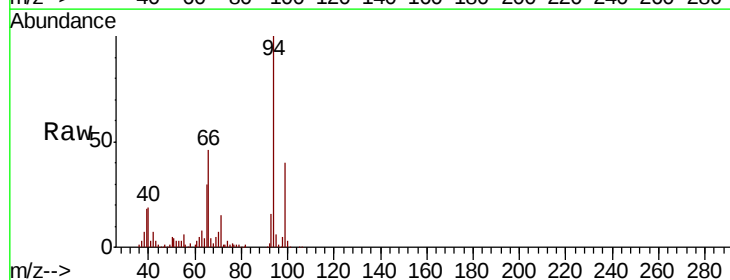
Tgt Ion: 94 Resp: 318227

Ion Ratio Lower Upper

94 100

65 29.6 19.2 59.2

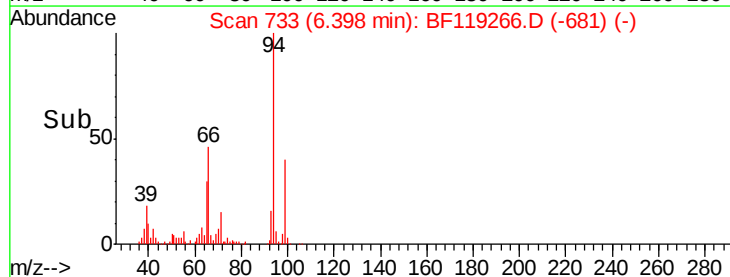
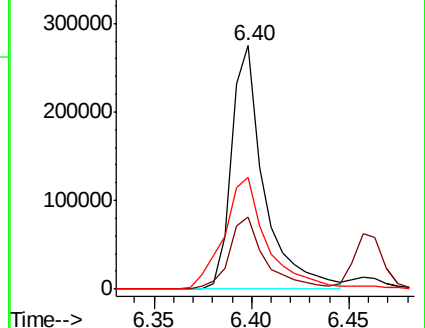
66 45.7 44.4 84.4

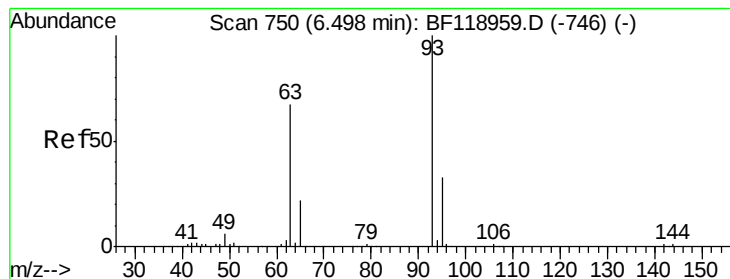


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 45.537 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

ClientSampleId :

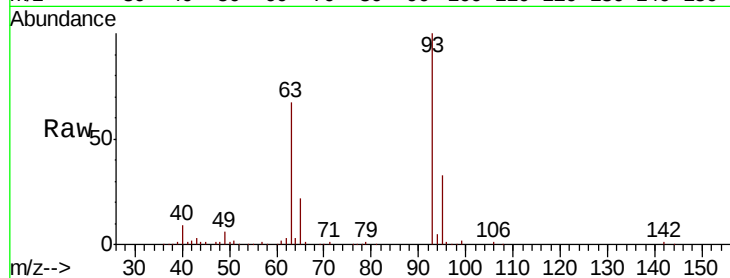
Tot Ion: 93 Resp: 290587

Ion Ratio Lower Upper

93 100

63 67.0 45.4 85.4

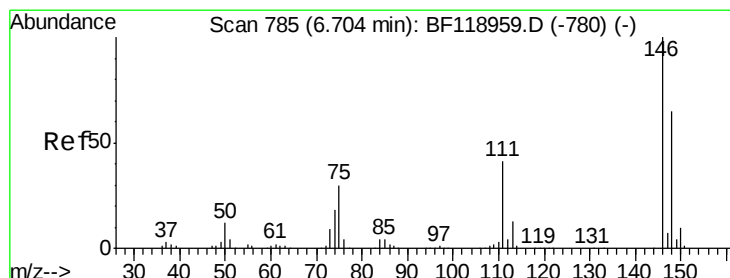
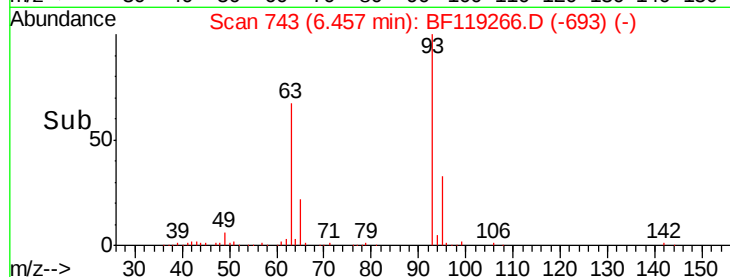
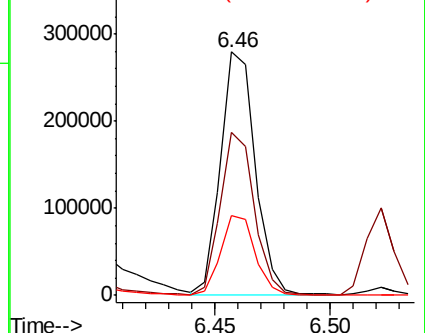
95 32.7 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.689 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

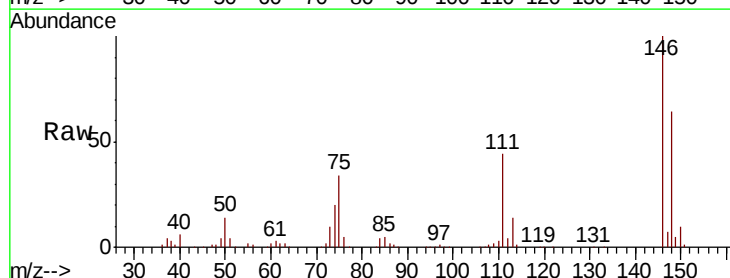
Tgt Ion: 146 Resp: 342021

Ion Ratio Lower Upper

146 100

148 63.8 52.5 78.7

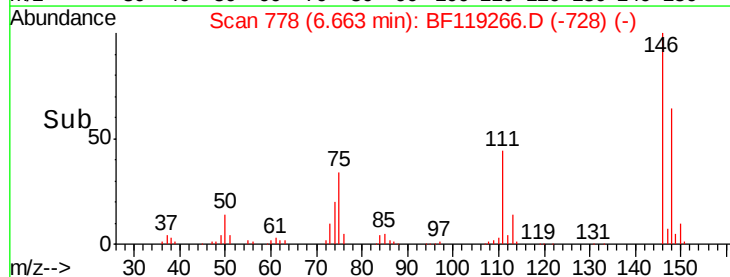
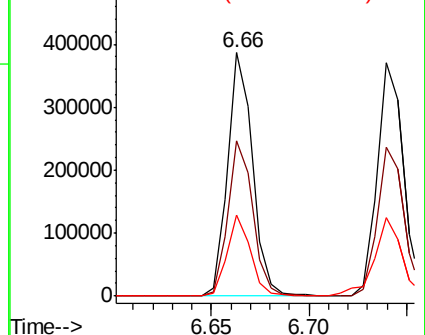
75 33.5 23.6 35.4

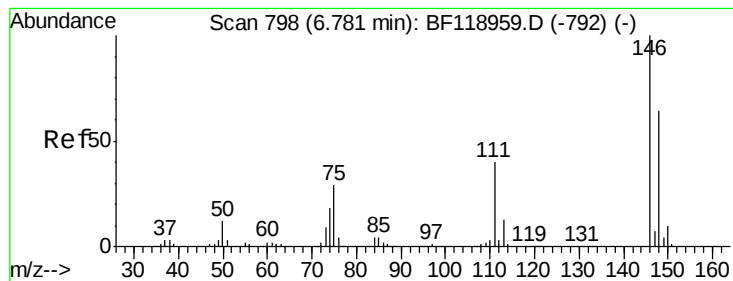


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.649 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

ClientSampleId :

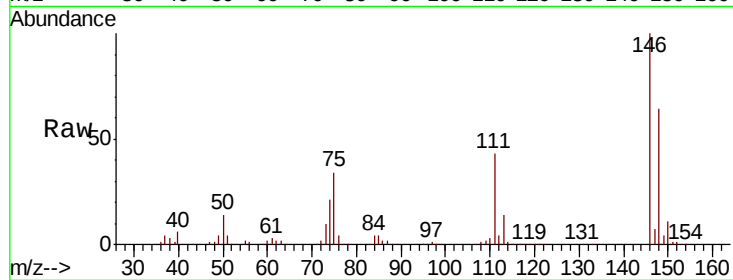
Tot Ion:146 Resp: 350141

Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

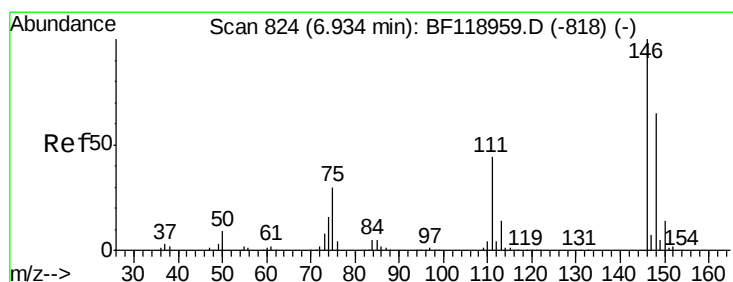
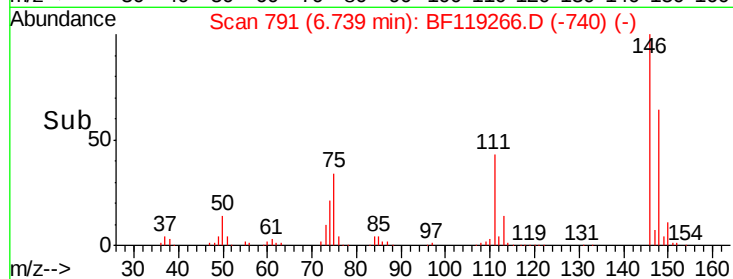
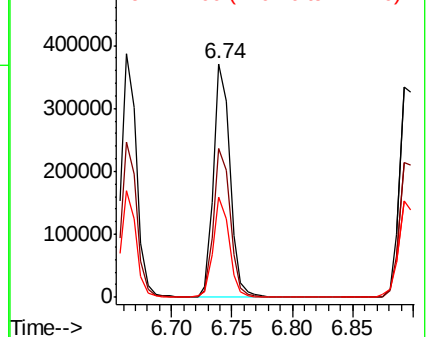
111 42.7 34.8 52.2



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



#14

1,2-Dichlorobenzene

Concen: 43.087 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

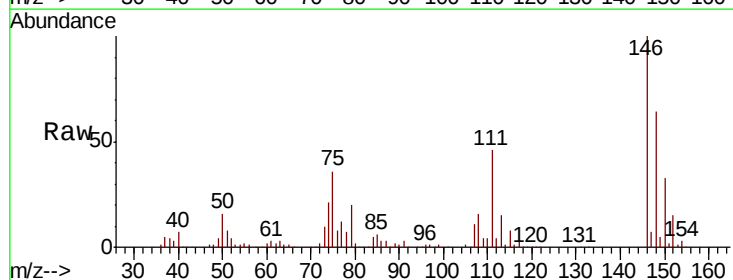
Tgt Ion:146 Resp: 322611

Ion Ratio Lower Upper

146 100

148 63.9 51.9 77.9

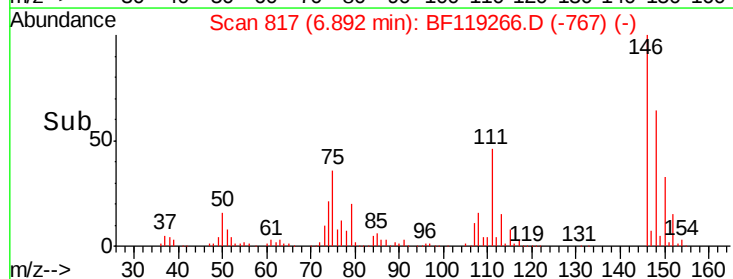
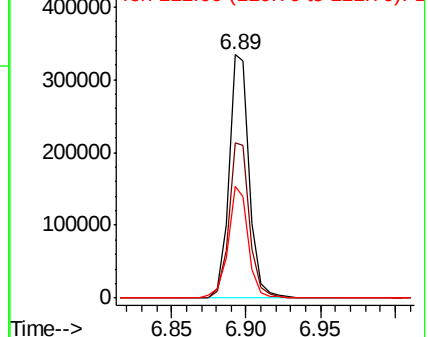
111 45.7 36.2 54.2

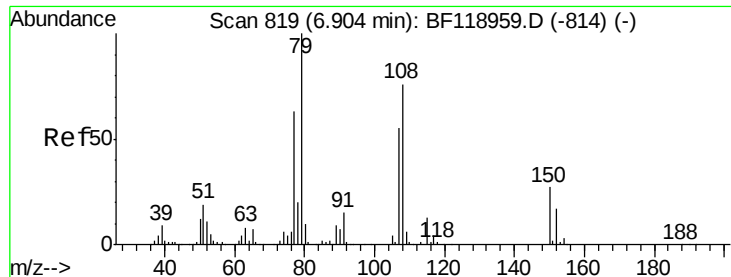


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.423 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

ClientSampled :

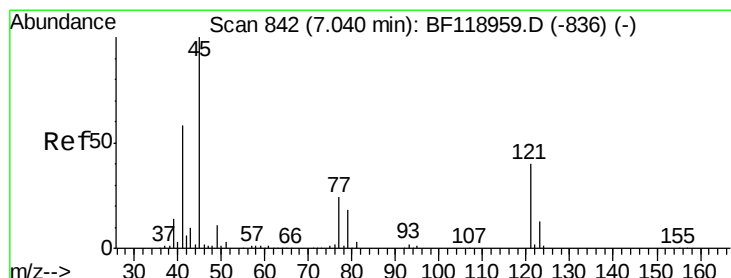
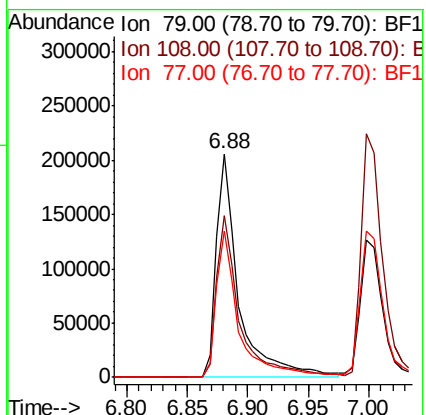
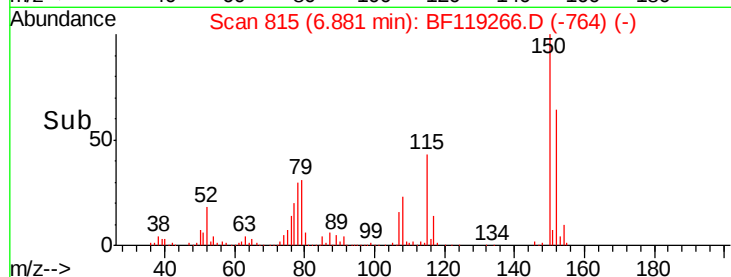
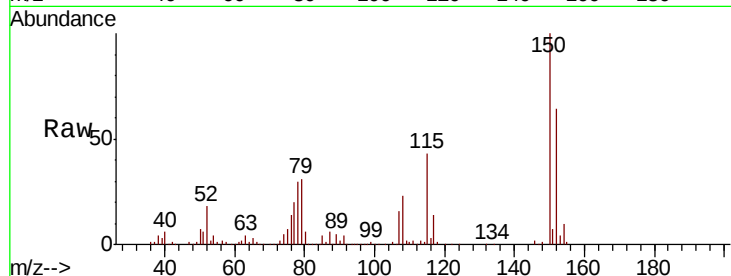
Tot Ion: 79 Resp: 264391

Ion Ratio Lower Upper

79 100

108 72.5 58.2 87.2

77 65.3 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.630 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

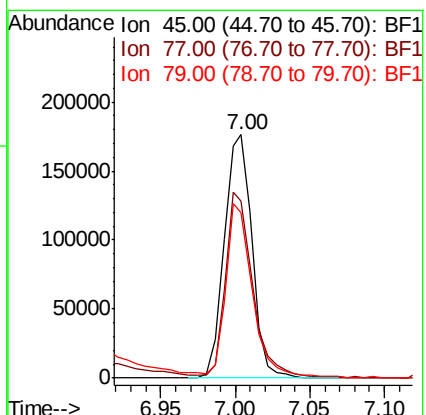
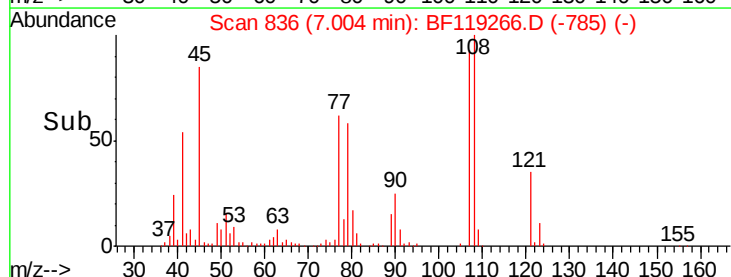
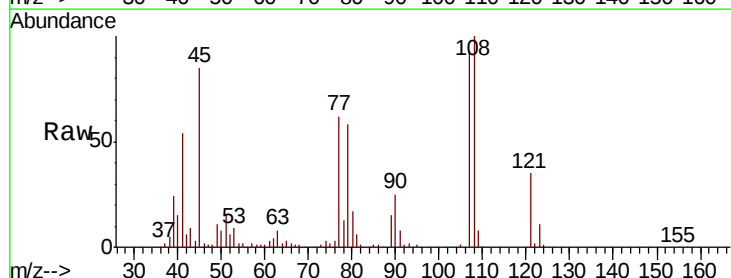
Tgt Ion: 45 Resp: 230123

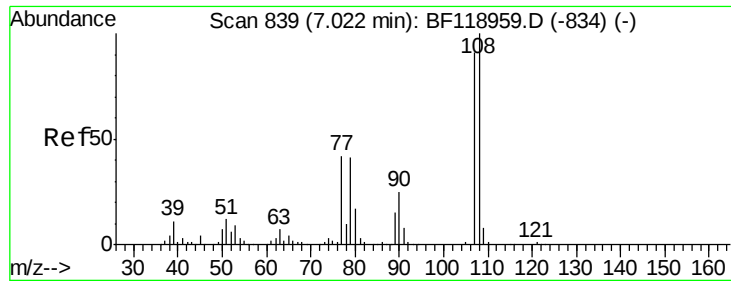
Ion Ratio Lower Upper

45 100

77 72.7 15.0 55.0#

79 67.8 9.4 49.4#





#17

2-Methylphenol

Concen: 44.773 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 248473

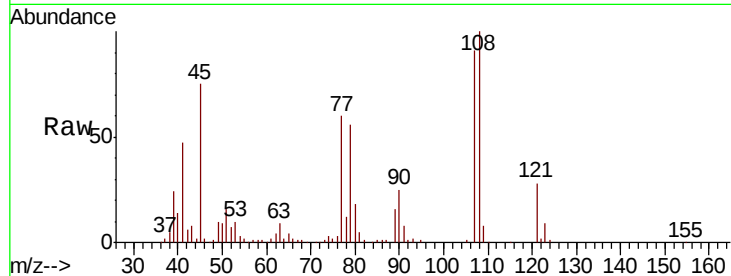
Ion Ratio Lower Upper

107 100

108 110.1 87.9 131.9

77 66.0 45.3 67.9

79 61.9 43.0 64.4



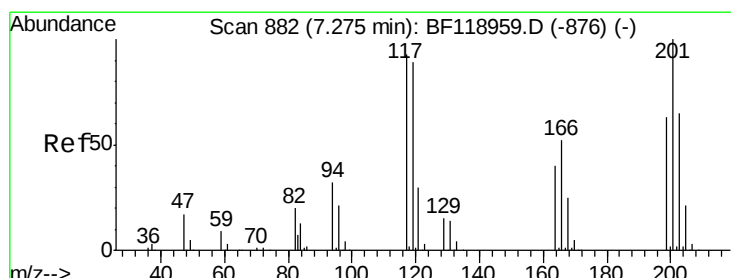
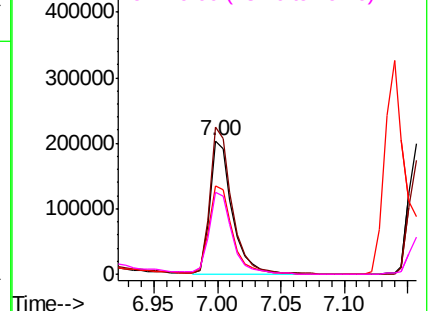
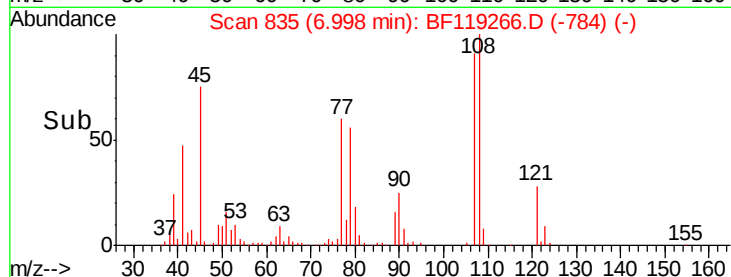
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.952 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

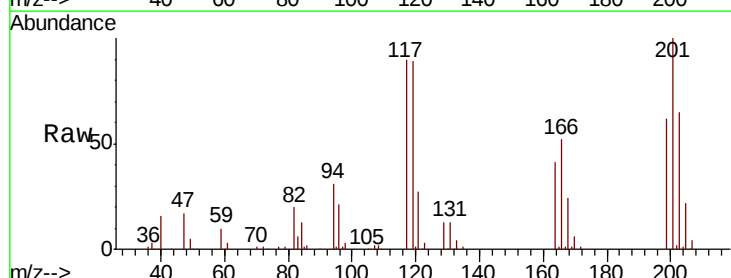
Tgt Ion:117 Resp: 123222

Ion Ratio Lower Upper

117 100

119 98.2 77.5 116.3

201 110.9 82.6 123.8

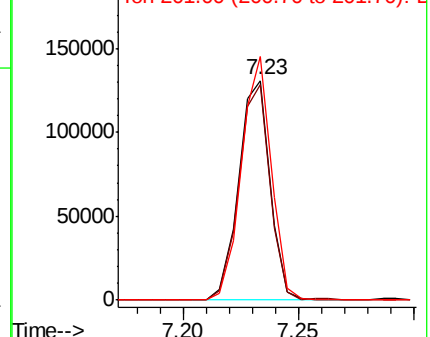
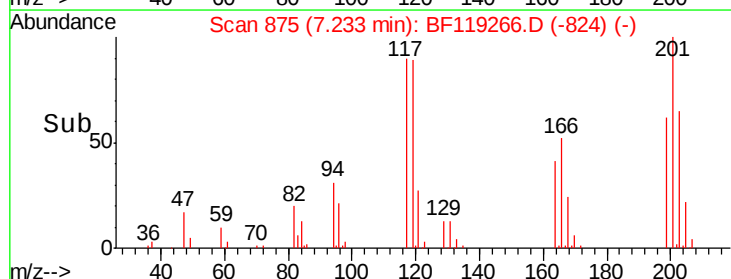


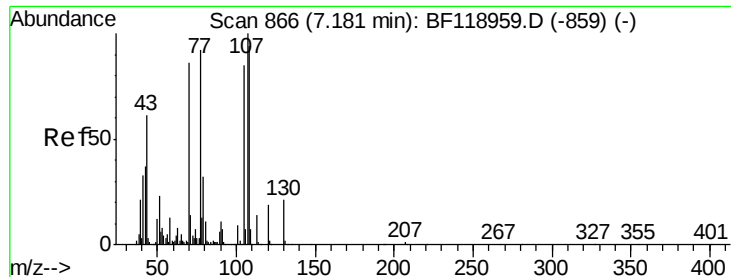
Abundance

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

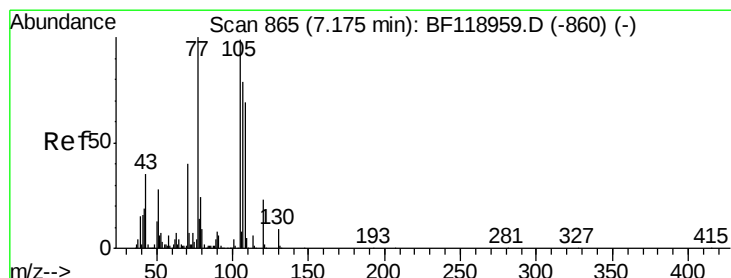
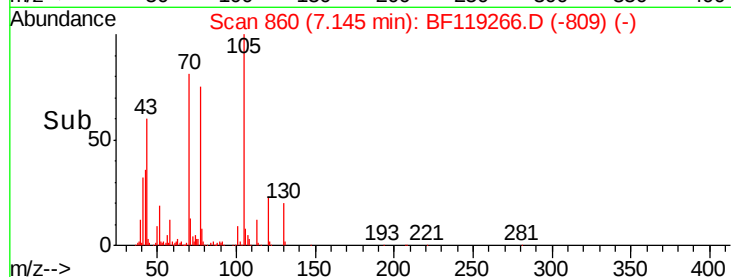
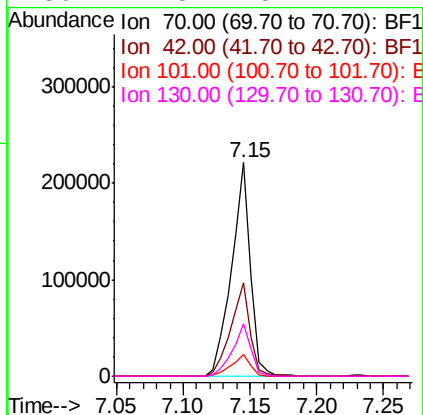
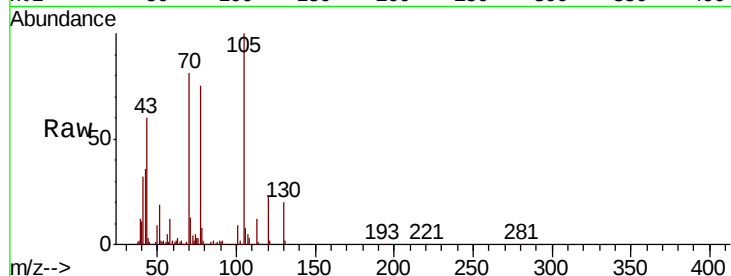




#19
n-Nitroso-di-n-propylamine
Concen: 49.198 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

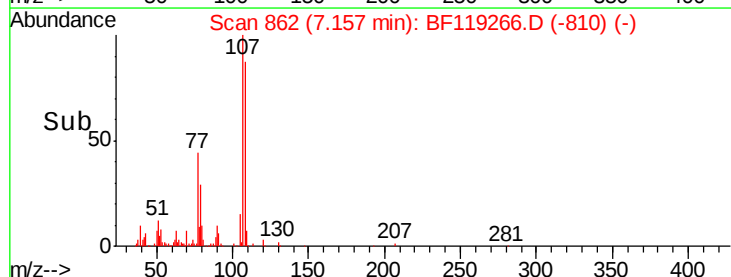
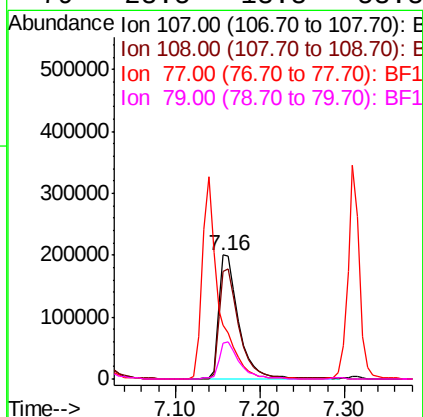
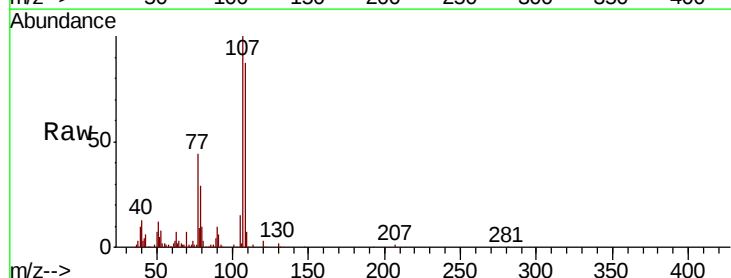
Instrument :
BNA_F
ClientSampleId :

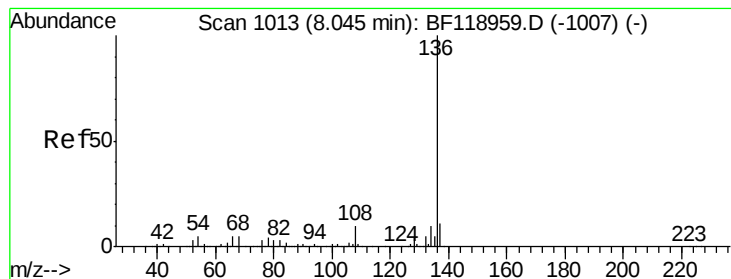
Tot Ion:	70	Resp:	221138
Ion	Ratio	Lower	Upper
70	100		
42	43.8	38.0	57.0
101	10.5	8.2	12.4
130	24.3	18.2	27.4



#20
3+4-Methylphenols
Concen: 48.312 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion:	107	Resp:	328472
Ion	Ratio	Lower	Upper
107	100		
108	86.7	71.5	111.5
77	43.8	45.9	85.9#
79	28.5	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 404387

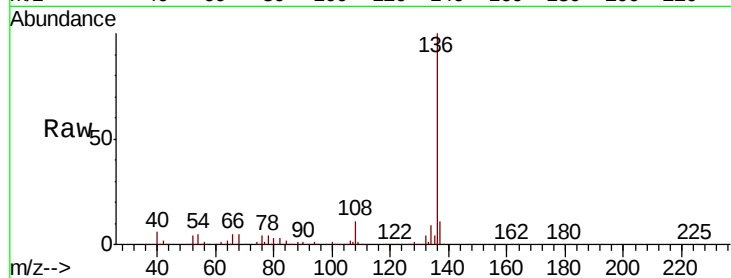
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 5.3 3.8 5.6

68 5.1 3.9 5.9

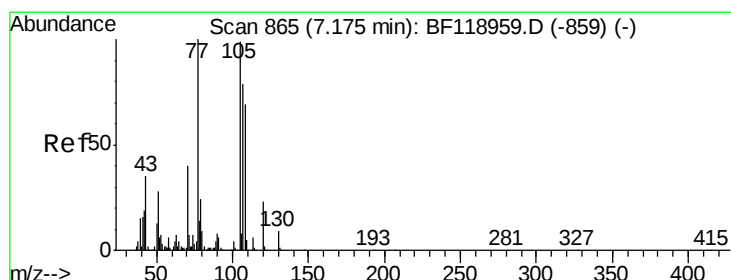
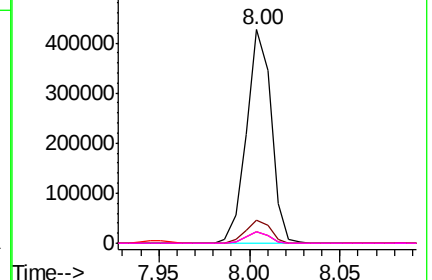
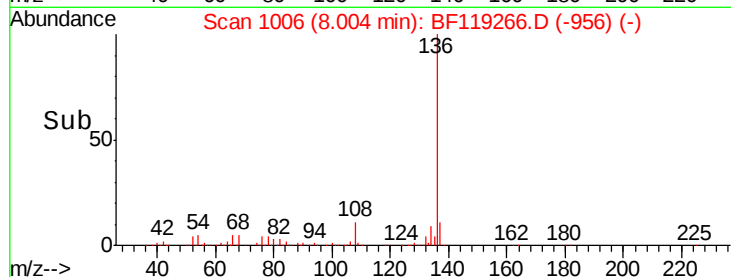


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 47.229 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Tgt Ion:105 Resp: 441899

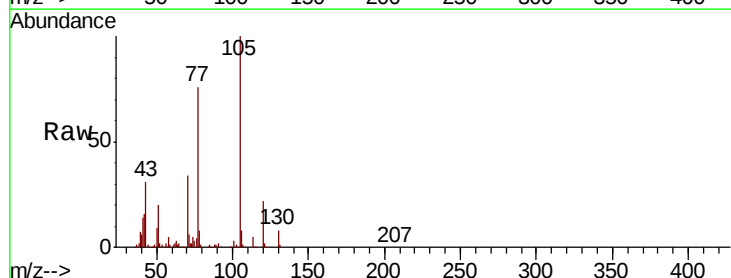
Ion Ratio Lower Upper

105 100

71 5.8 3.0 4.4#

51 20.0 20.1 30.1#

120 21.8 18.0 27.0

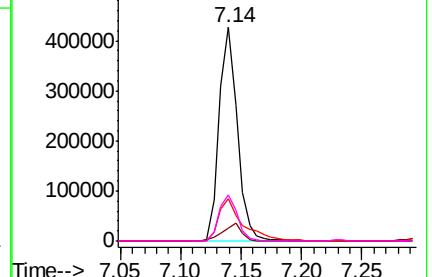
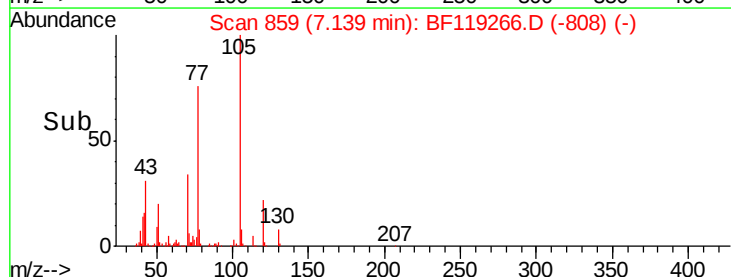


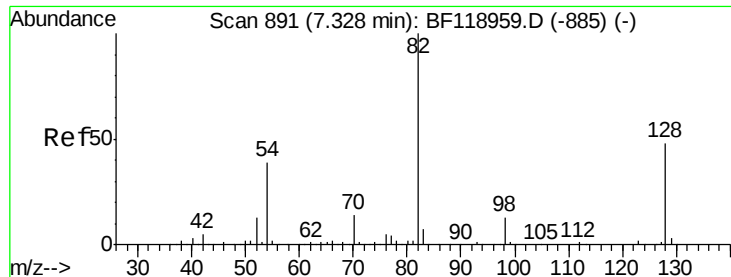
Abundance Ion 105.00 (104.70 to 105.70): E

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

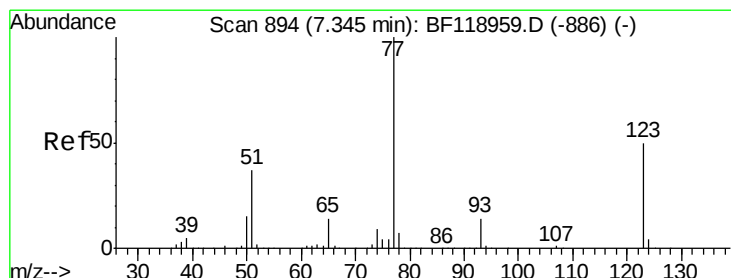
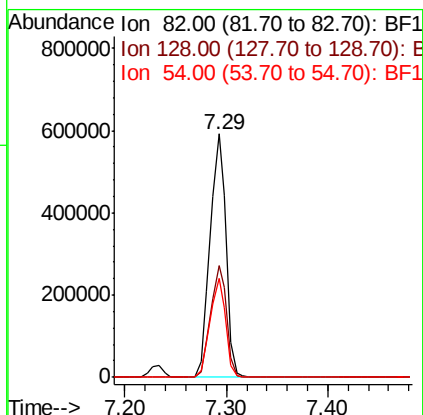
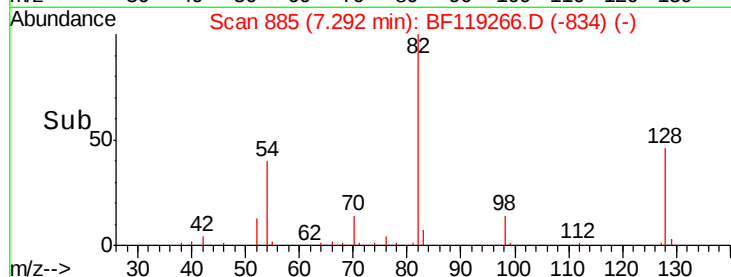
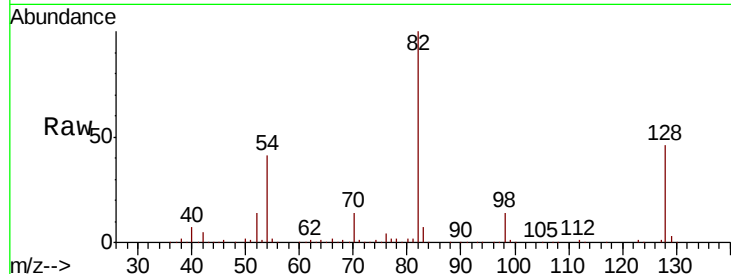




#23
Nitrobenzene-d5
Concen: 84.682 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

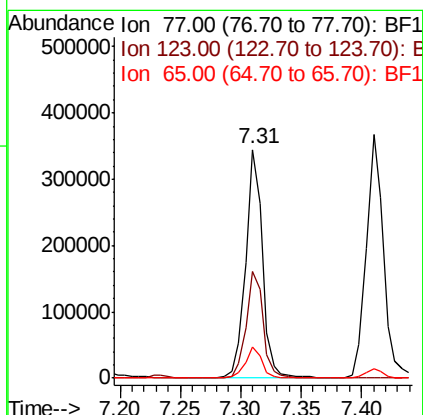
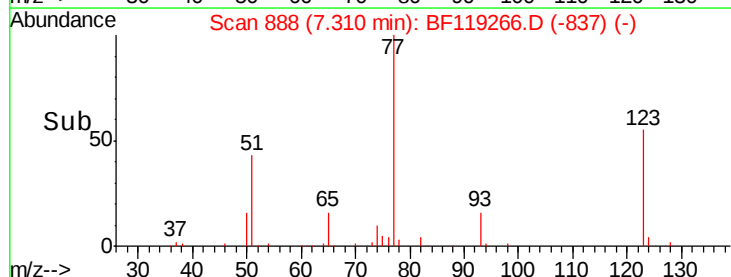
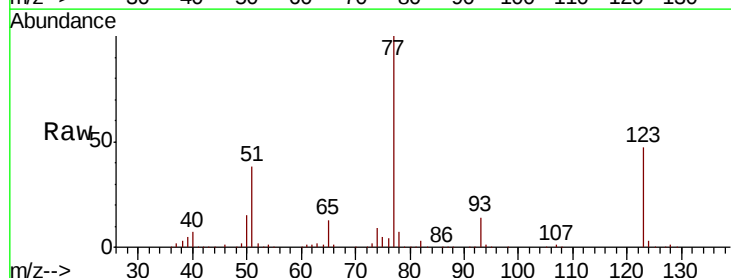
Instrument :
BNA_F
ClientSampleId :

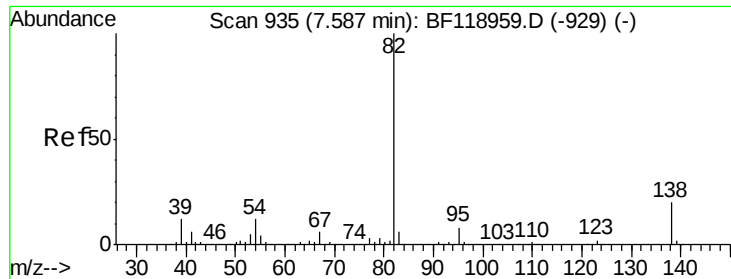
Tot Ion: 82 Resp: 648568
Ion Ratio Lower Upper
82 100
128 45.7 37.9 56.9
54 40.6 33.4 50.2



#24
Nitrobenzene
Concen: 44.273 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion: 77 Resp: 335317
Ion Ratio Lower Upper
77 100
123 46.9 40.2 60.2
65 13.3 10.8 16.2





#25

Isophorone

Concen: 44.984 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

ClientSampleId :

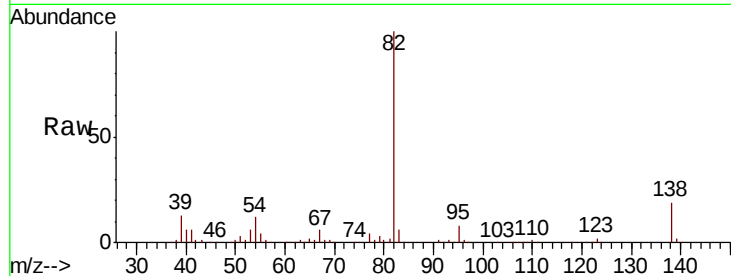
Tot Ion: 82 Resp: 598340

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

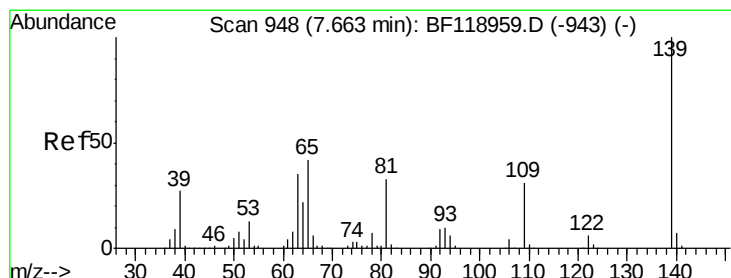
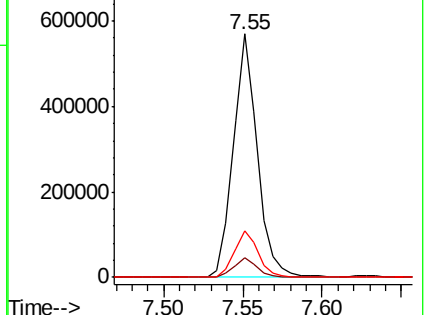
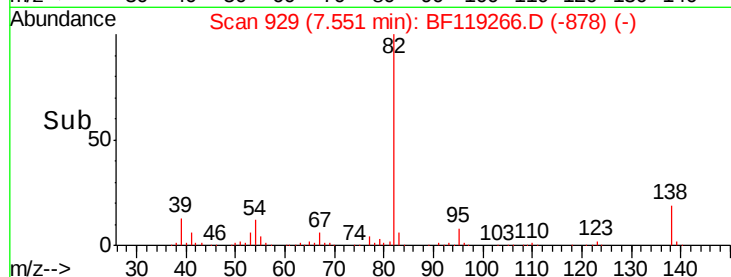
138 19.0 15.7 23.5



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: 43.684 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

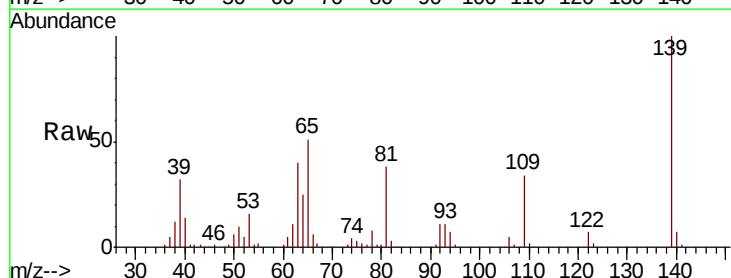
Tgt Ion: 139 Resp: 175302

Ion Ratio Lower Upper

139 100

109 33.8 25.7 38.5

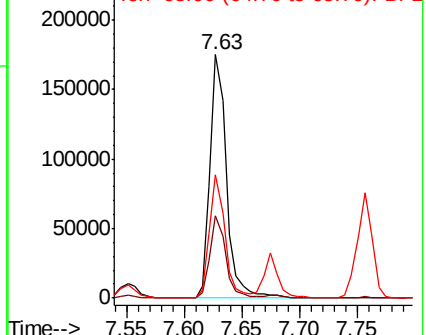
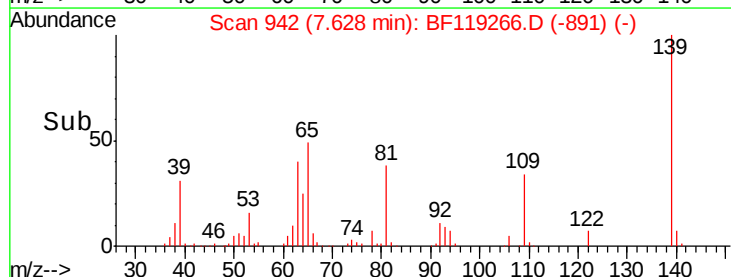
65 50.7 37.1 55.7

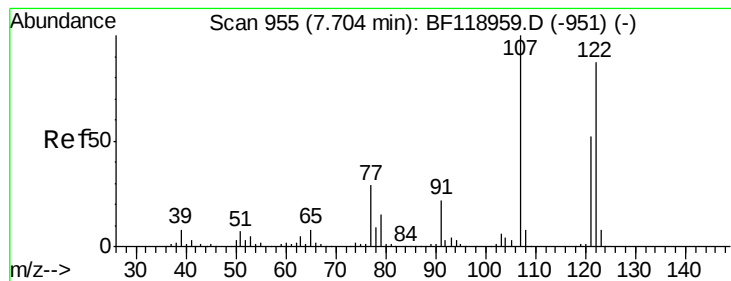


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

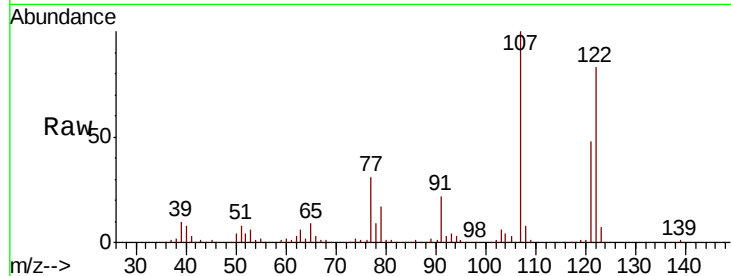




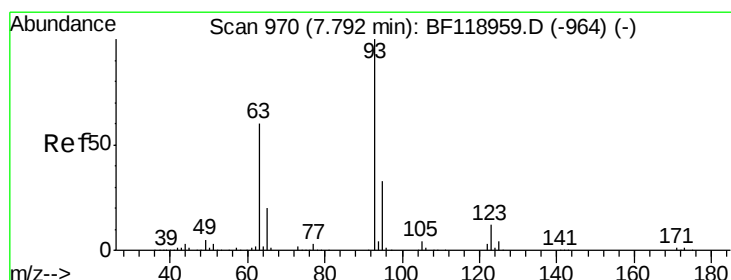
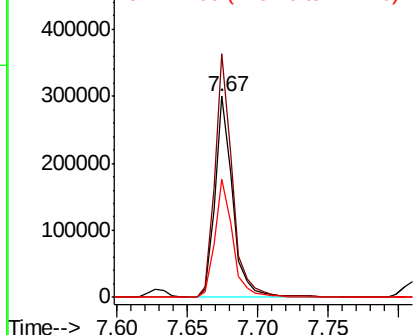
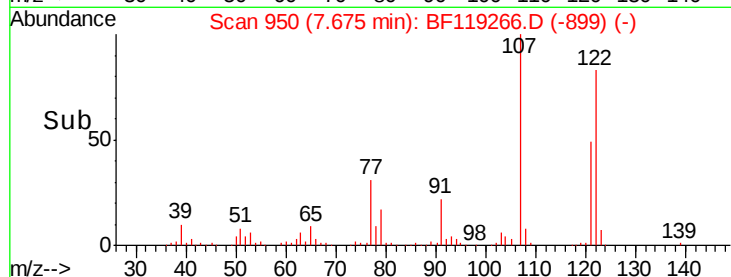
#27
 2,4-Dimethylphenol
 Concen: 47.968 ng
 RT: 7.67 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 261249
 Ion Ratio Lower Upper
 122 100
 107 121.2 93.8 140.6
 121 58.8 48.2 72.2

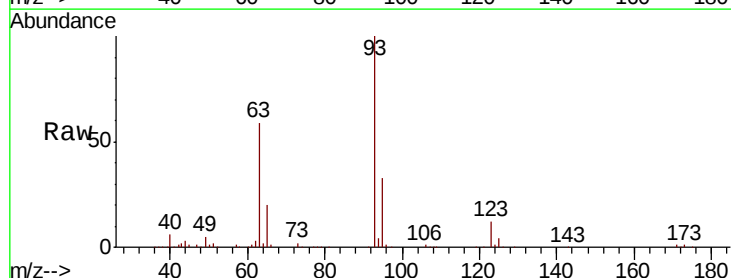


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

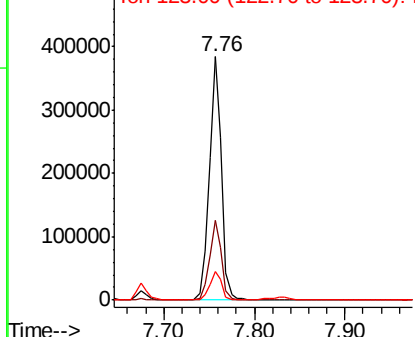
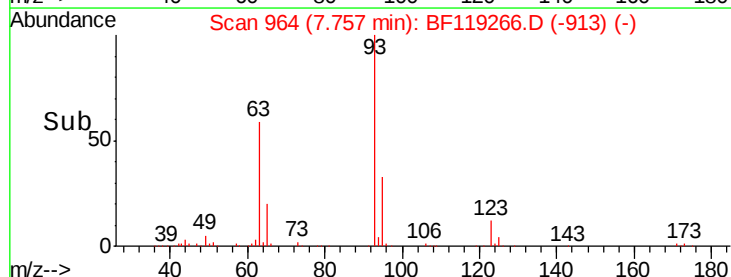


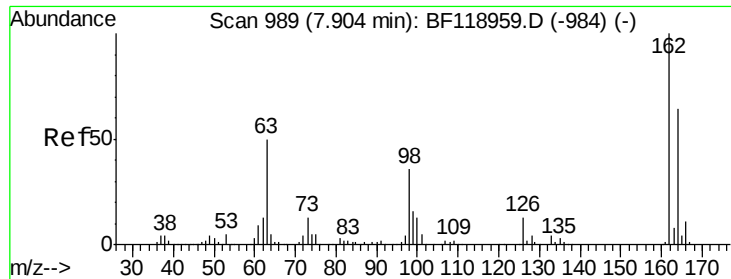
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.867 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion: 93 Resp: 362470
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 11.6 10.2 15.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

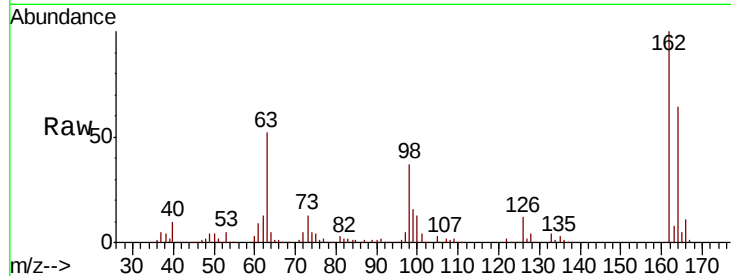




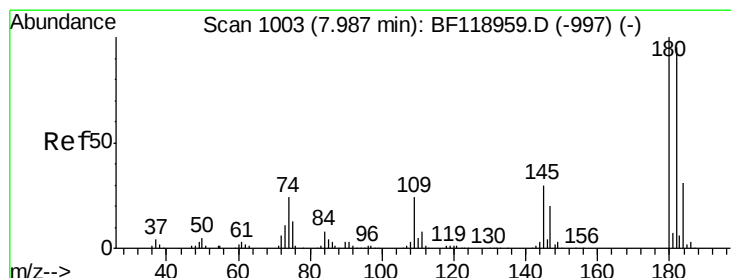
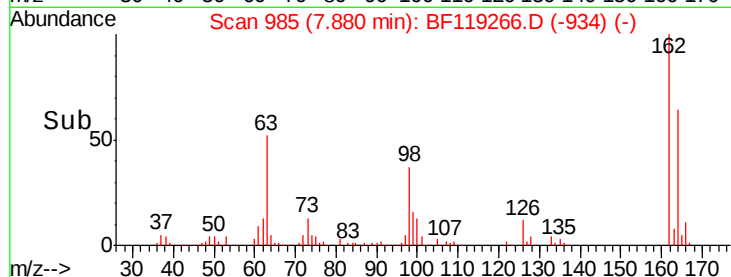
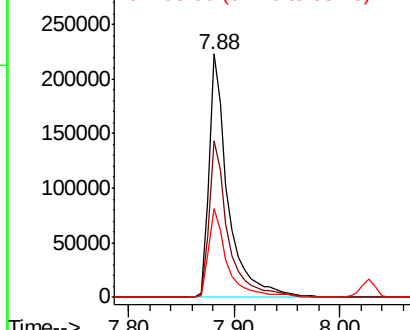
#29
2,4-Dichlorophenol
Concen: 43.681 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 280067
Ion Ratio Lower Upper
162 100
164 64.2 45.2 85.2
98 36.7 17.4 57.4

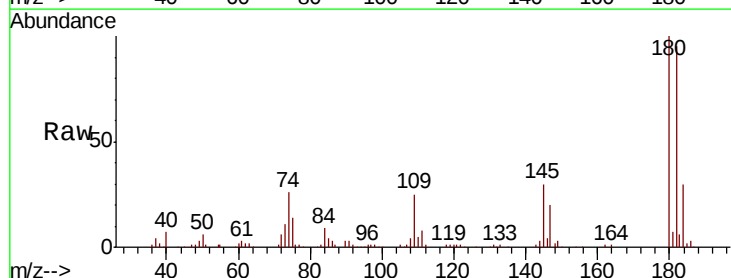


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

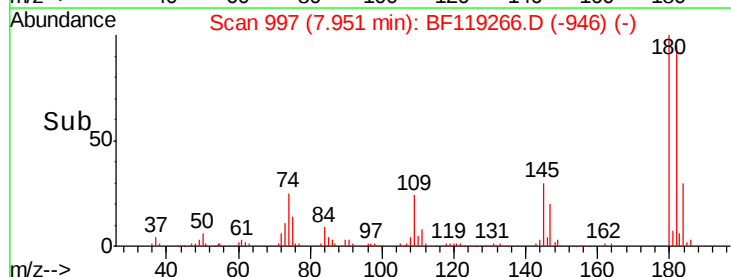
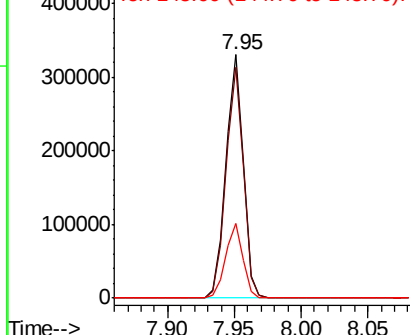


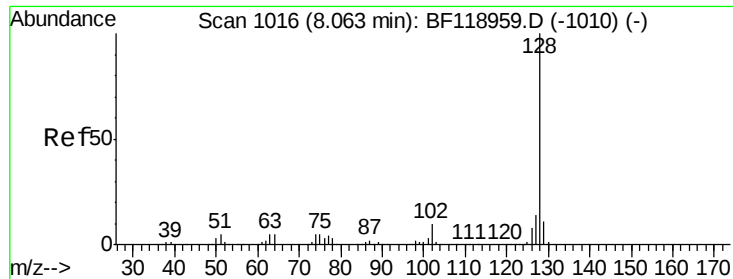
#30
1,2,4-Trichlorobenzene
Concen: 40.366 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion:180 Resp: 306855
Ion Ratio Lower Upper
180 100
182 94.7 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

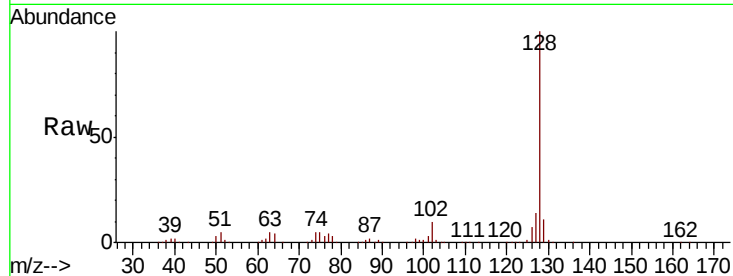




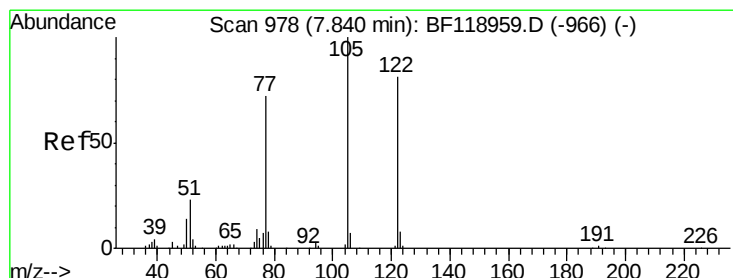
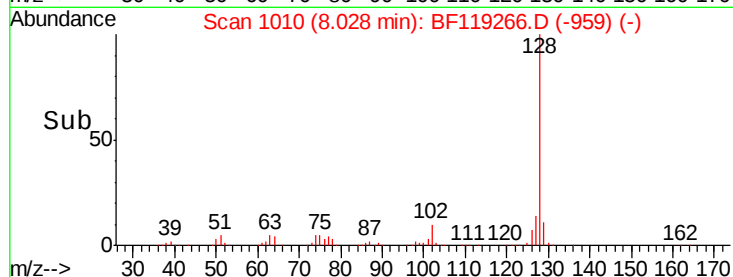
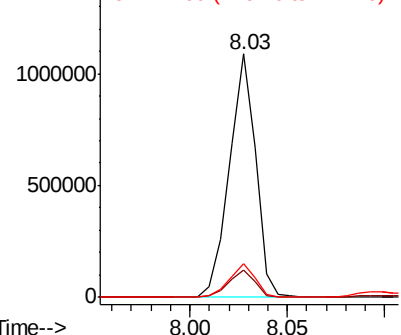
#31
Naphthalene
Concen: 48.710 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1021552
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.6 11.4 17.2

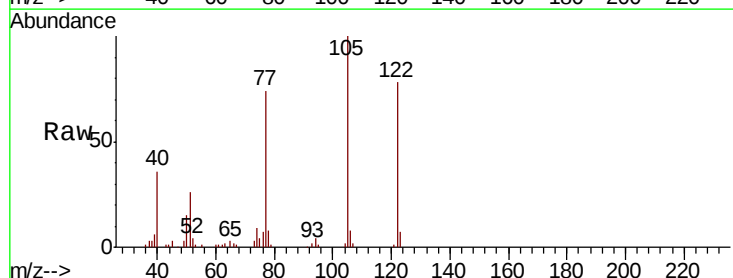


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

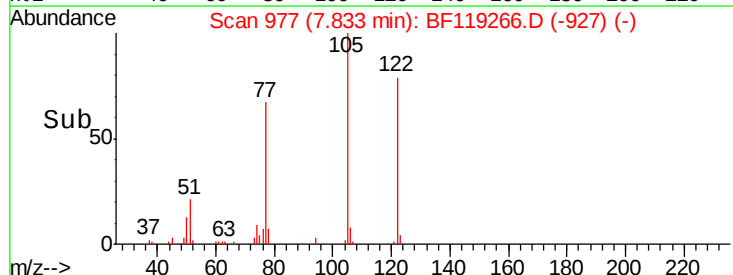
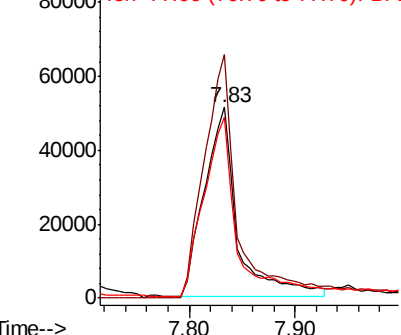


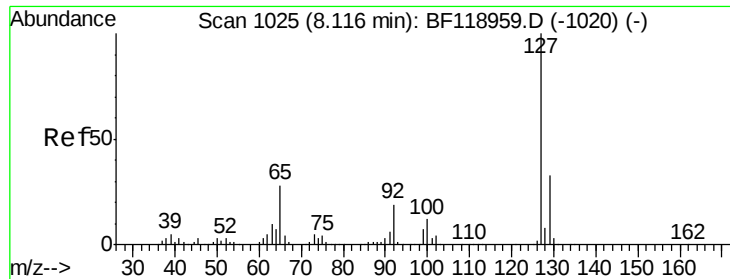
#32
Benzoic acid
Concen: 30.827 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion:122 Resp: 111476
Ion Ratio Lower Upper
122 100
105 127.6 106.3 146.3
77 94.6 73.1 113.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

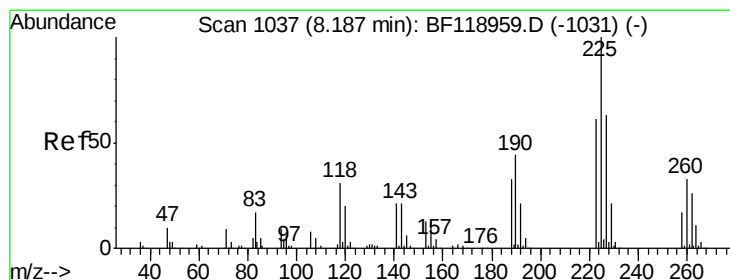
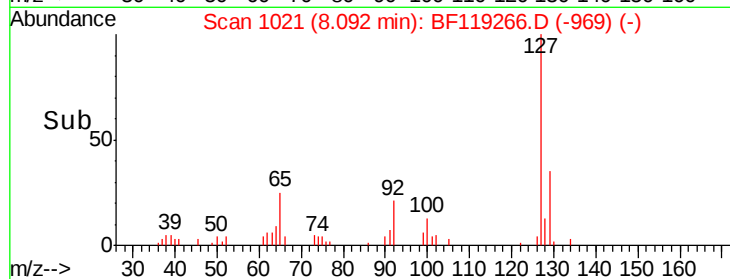
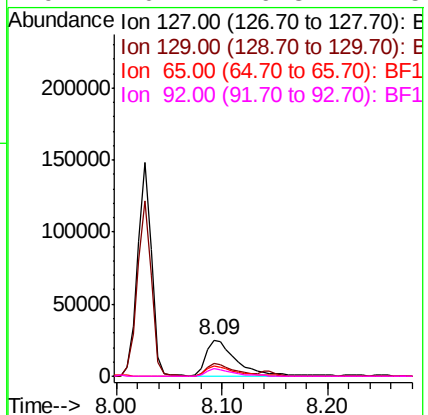
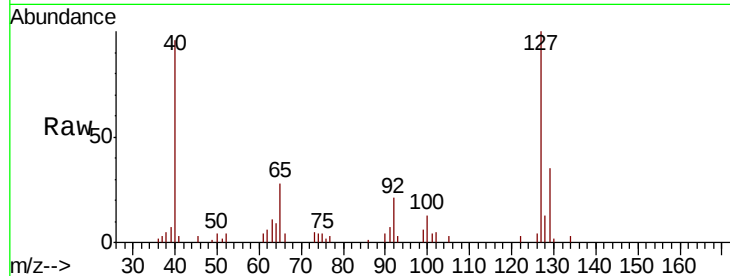




#33
4-Chloroaniline
Concen: 5.454 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

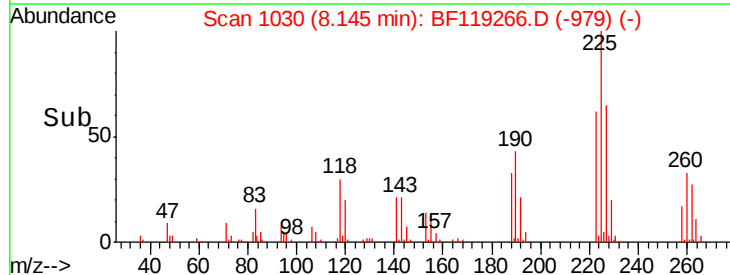
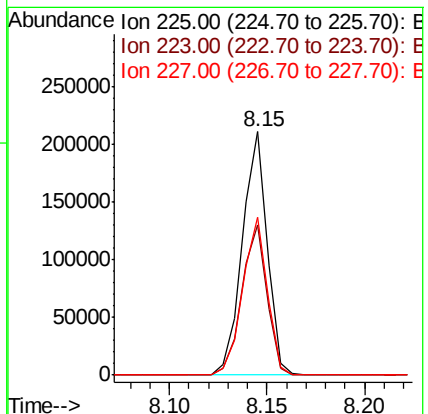
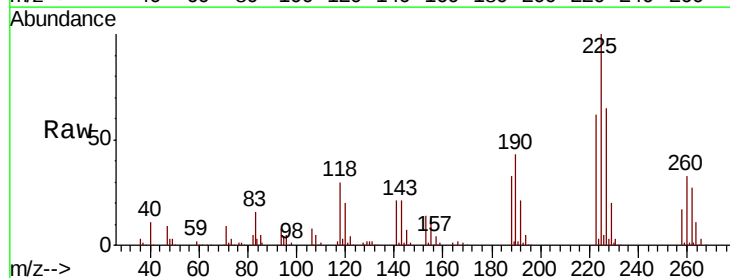
Instrument :
BNA_F
ClientSampleId :

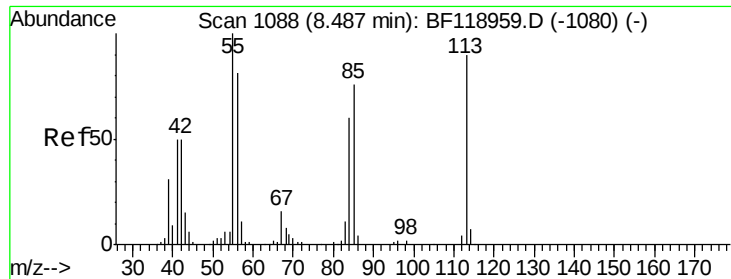
Tot Ion:	127	Resp:	49200
Ion	Ratio	Lower	Upper
127	100		
129	35.1	25.9	38.9
65	27.7	23.9	35.9
92	20.7	16.3	24.5



#34
Hexachlorobutadiene
Concen: 39.250 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion:	225	Resp:	185856
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.4	74.2
227	64.7	52.9	79.3

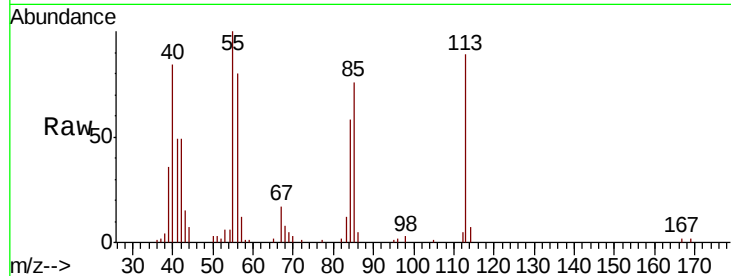




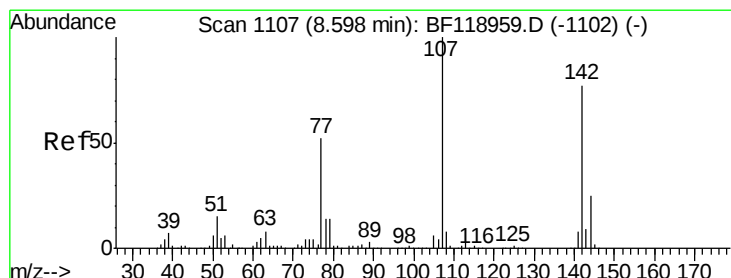
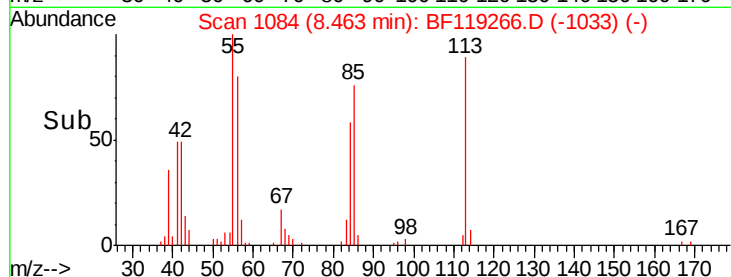
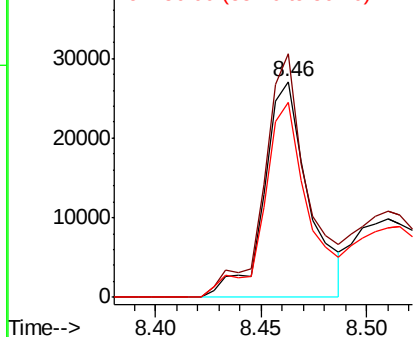
#35
 Caprolactam
 Concen: 20.186 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 39852
 Ion Ratio Lower Upper
 113 100
 55 112.8 95.7 135.7
 56 90.3 73.1 113.1

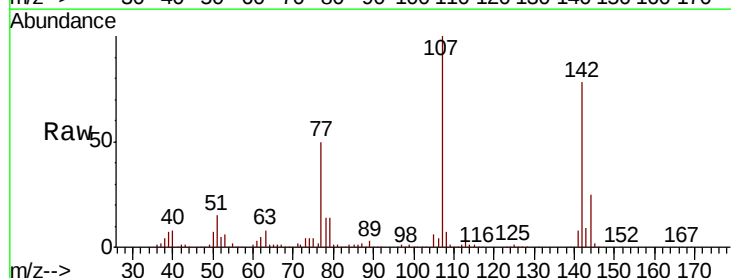


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

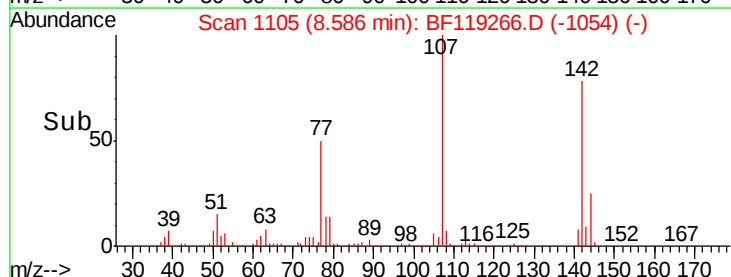
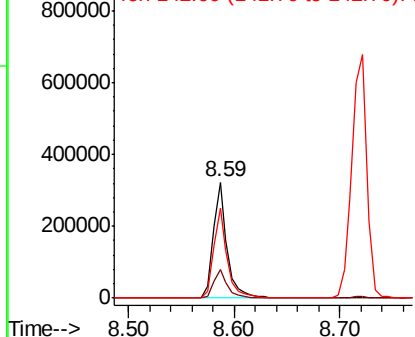


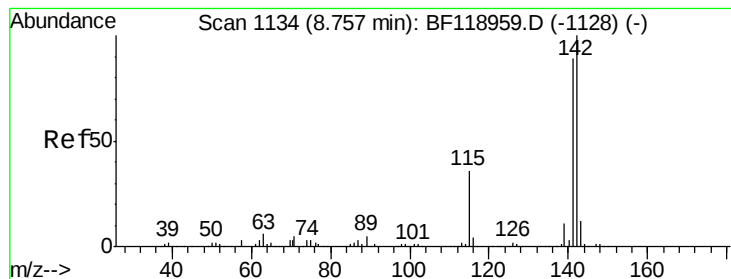
#36
 4-Chloro-3-methylphenol
 Concen: 45.941 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion:107 Resp: 298107
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.1 30.1
 142 78.2 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

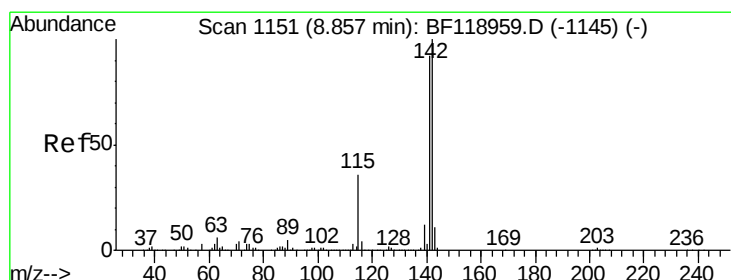
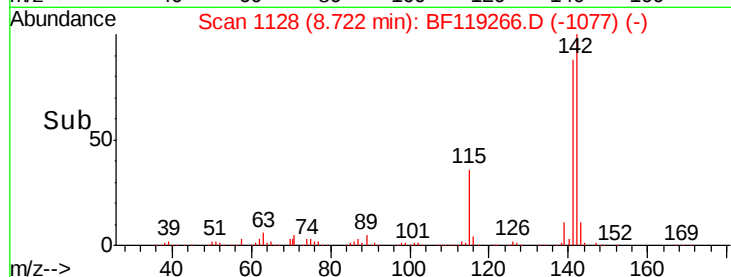
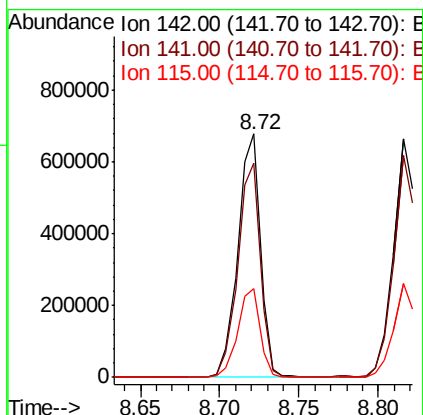
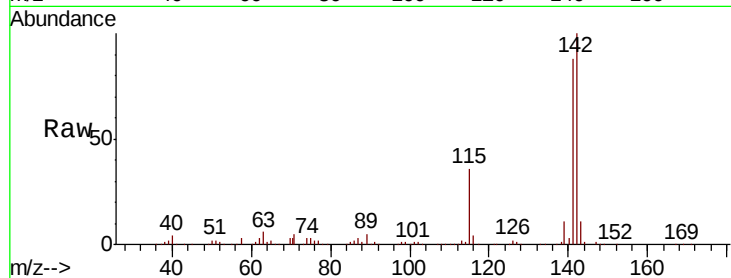




#37
 2-Methylnaphthalene
 Concen: 47.151 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

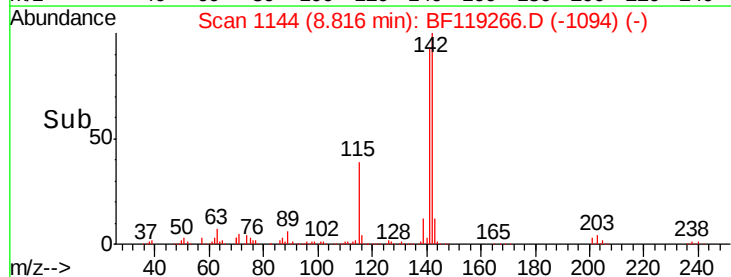
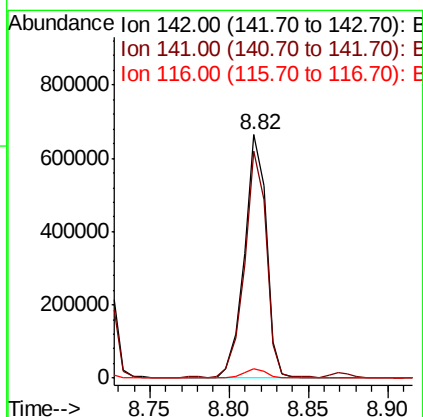
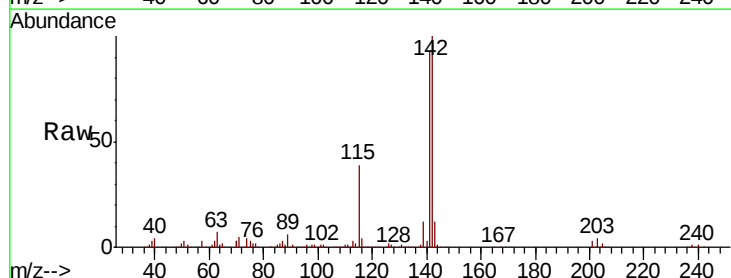
Instrument :
 BNA_F
 ClientSampleId :

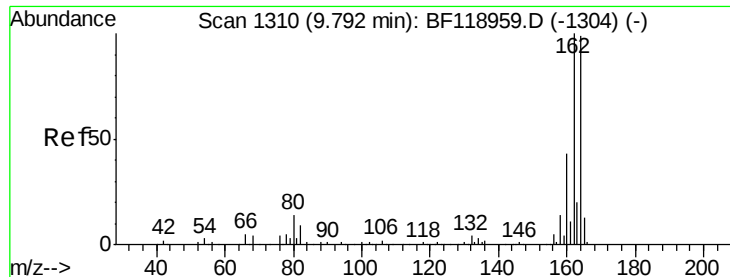
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.3	108.5
115	36.2	30.6	45.8



#38
 1-Methylnaphthalene
 Concen: 47.419 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	75.8	113.6
116	4.1	3.1	4.7

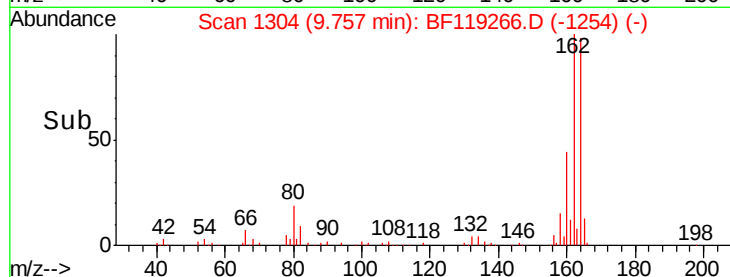
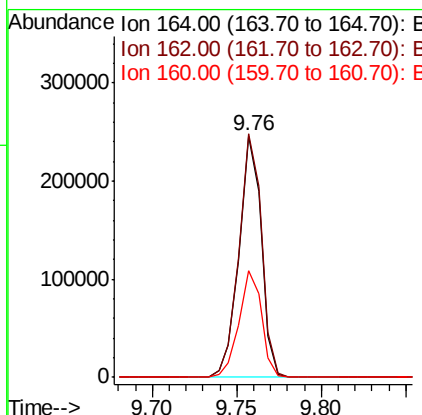
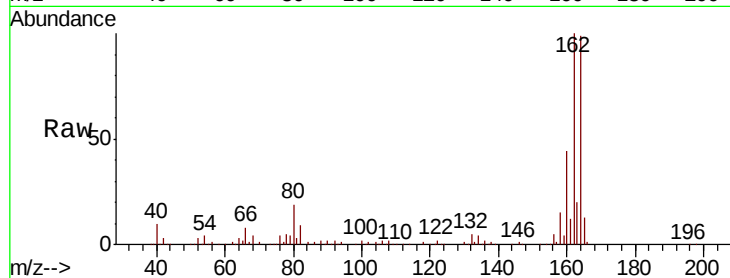




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

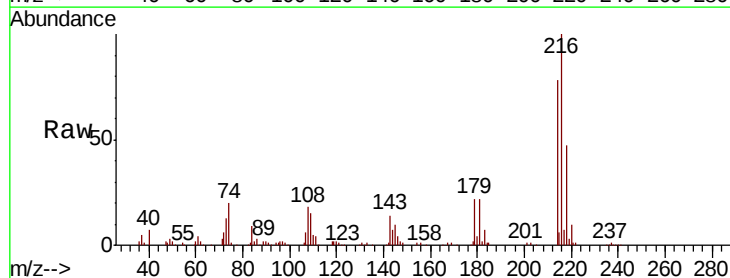
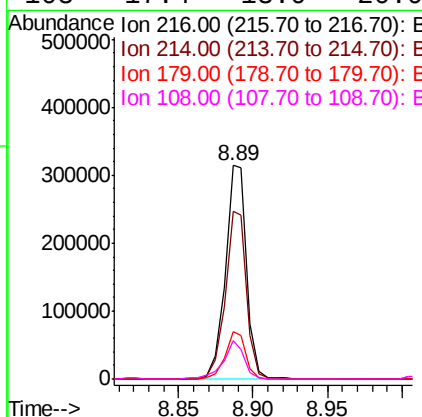
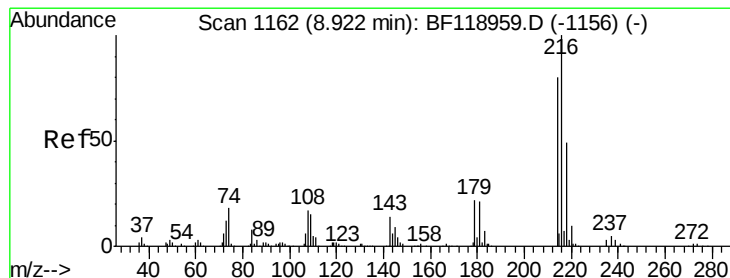
Instrument :
 BNA_F
 ClientSampleId :

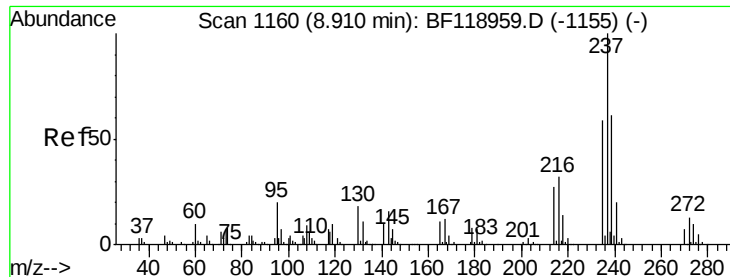
Tot Ion:164 Resp: 226523
 Ion Ratio Lower Upper
 164 100
 162 100.8 81.8 122.8
 160 44.1 36.0 54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.545 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion:216 Resp: 317293
 Ion Ratio Lower Upper
 216 100
 214 78.3 63.3 94.9
 179 21.5 17.7 26.5
 108 17.4 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 44.117 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

ClientSampleId :

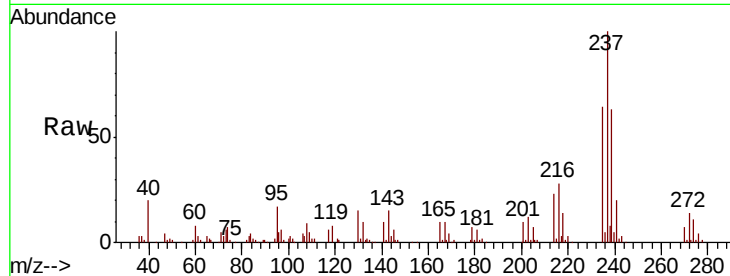
Tot Ion:237 Resp: 109374

Ion Ratio Lower Upper

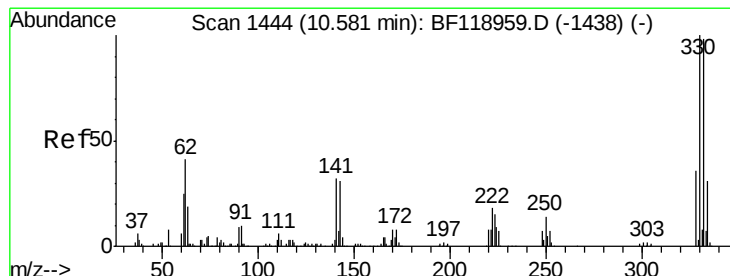
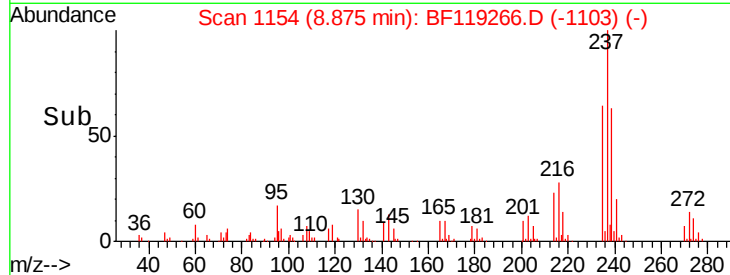
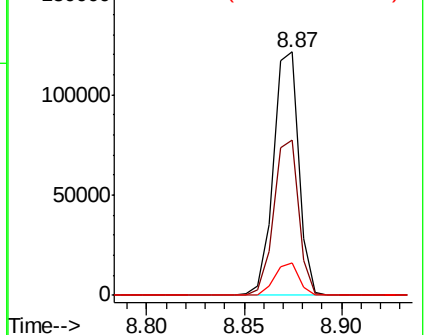
237 100

235 64.0 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: 123.231 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

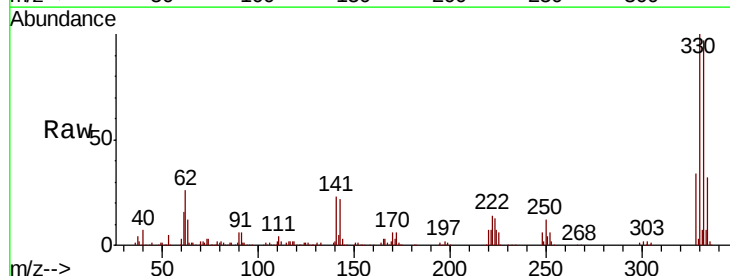
Tgt Ion:330 Resp: 365170

Ion Ratio Lower Upper

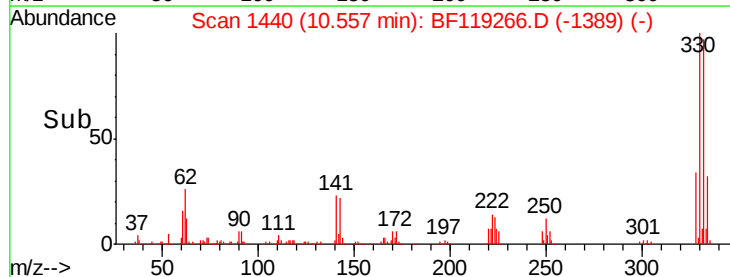
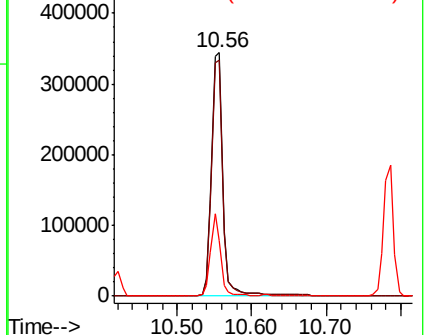
330 100

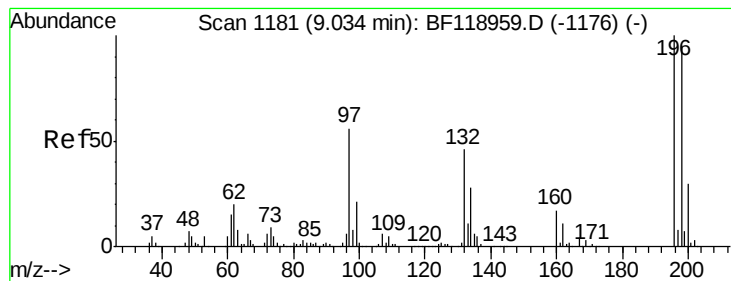
332 96.6 76.0 114.0

141 29.6 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: 41.023 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

ClientSampled :

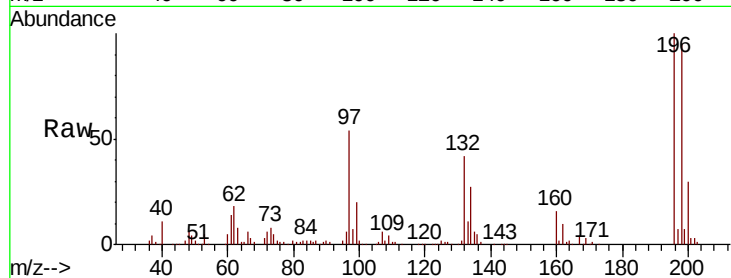
Tot Ion:196 Resp: 197854

Ion Ratio Lower Upper

196 100

198 95.0 77.1 115.7

200 30.5 25.0 37.6

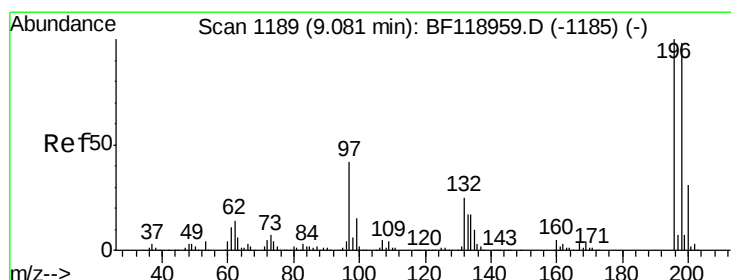
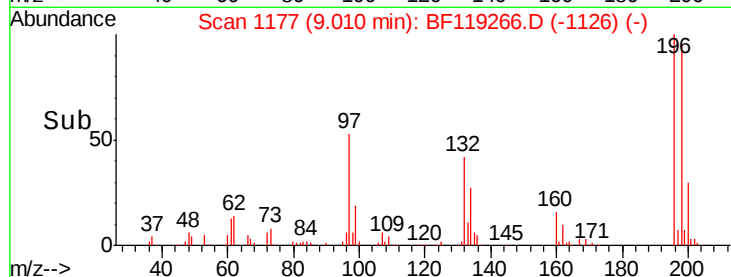
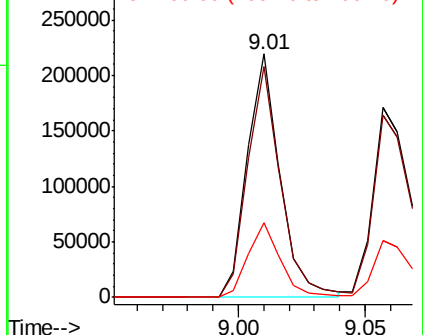


Abundance

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: 40.822 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Tgt Ion:196 Resp: 206602

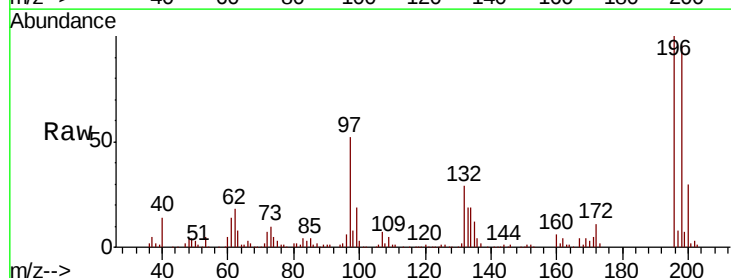
Ion Ratio Lower Upper

196 100

198 95.9 76.8 115.2

97 51.8 38.5 57.7

132 28.9 22.2 33.4



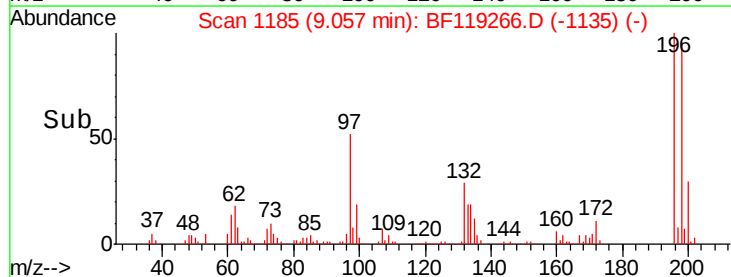
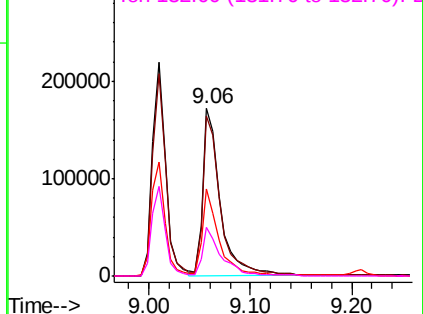
Abundance

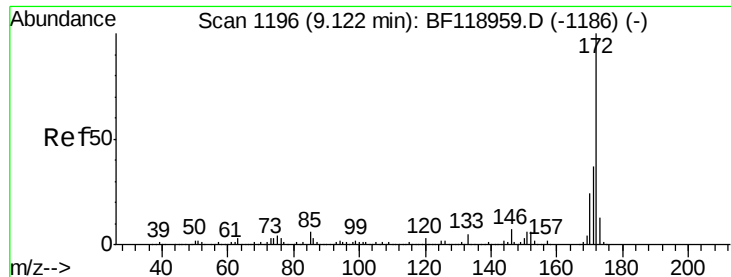
Ion 196.00 (195.70 to 196.70): E

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



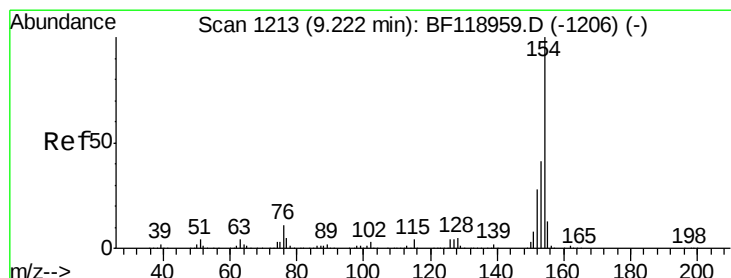
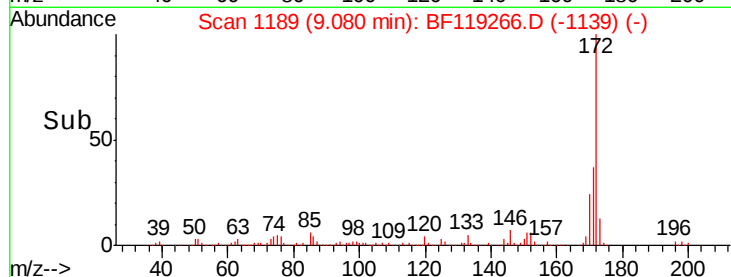
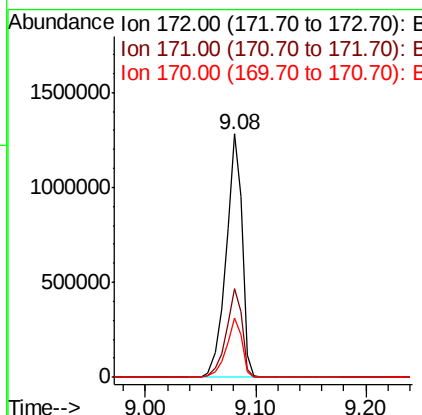
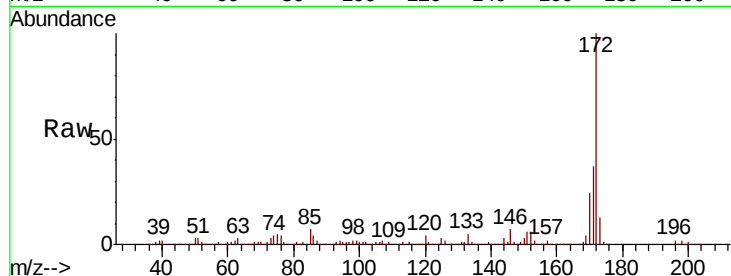


#45
 2-Fluorobiphenyl
 Concen: 84.073 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1292746

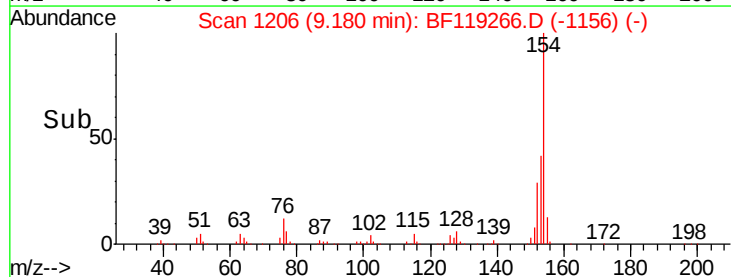
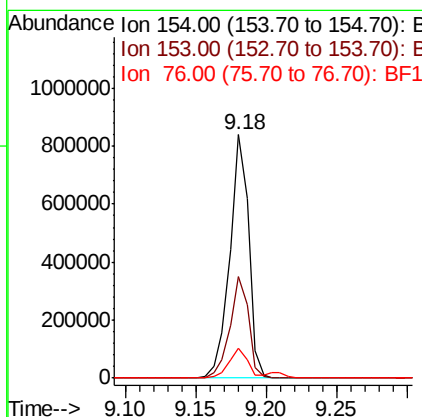
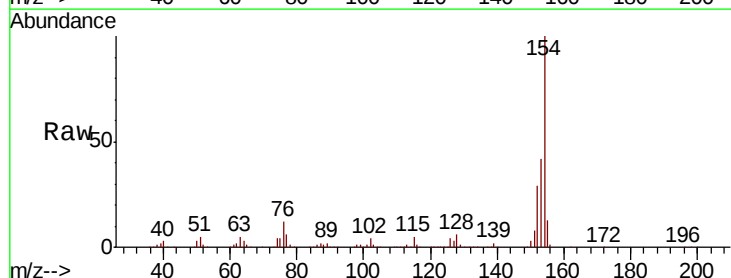
Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	45.8
170	24.1	20.2	30.2

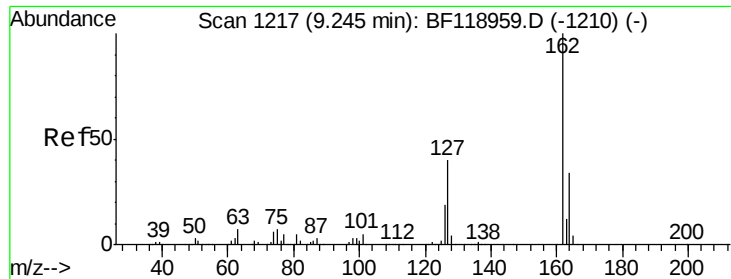


#46
 1,1'-Biphenyl
 Concen: 42.727 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion:154 Resp: 782229

Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.8	62.8
76	12.0	0.0	32.2

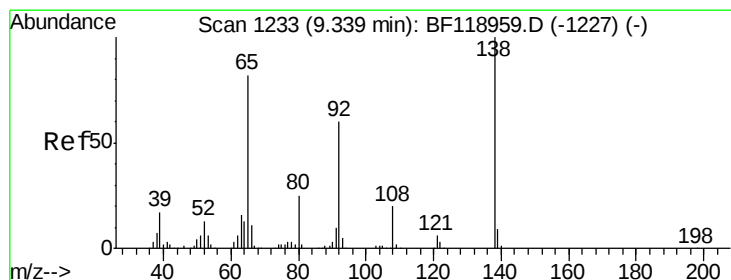
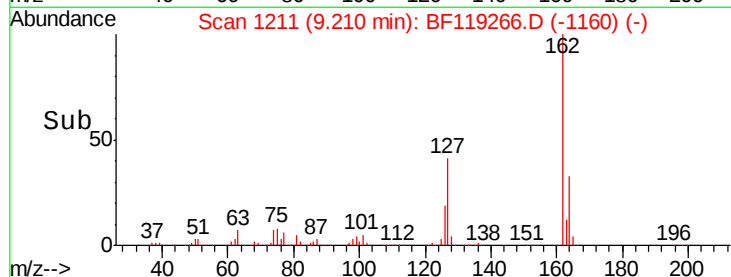
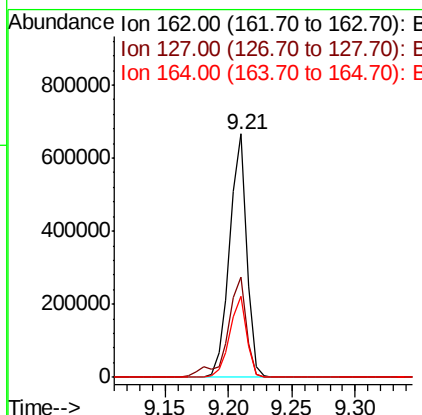
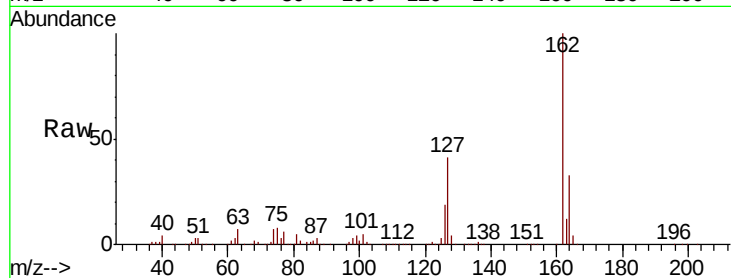




#47
 2-Chloronaphthalene
 Concen: 42.002 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

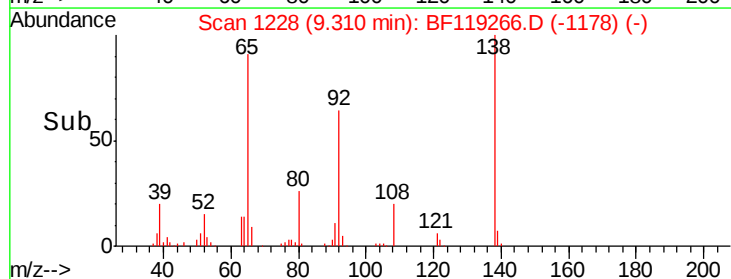
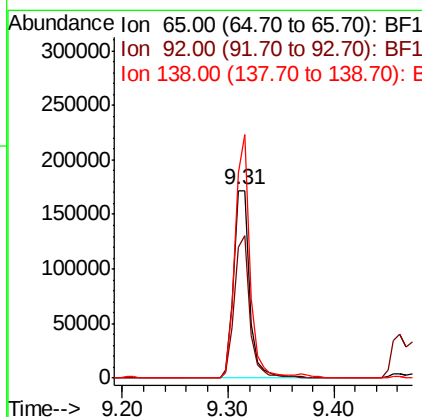
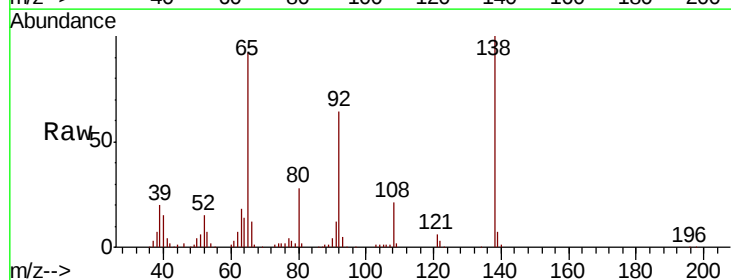
Instrument :
 BNA_F
 ClientSampled :

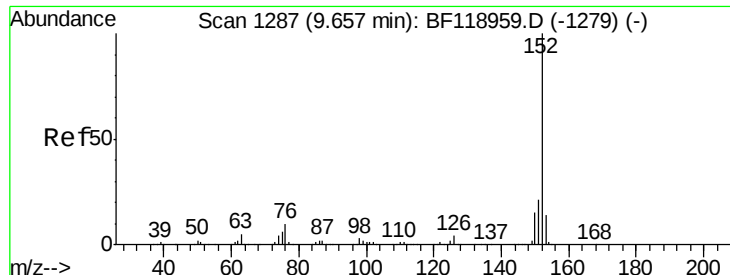
Tot Ion:162 Resp: 619663
 Ion Ratio Lower Upper
 162 100
 127 40.9 35.0 52.4
 164 33.1 27.2 40.8



#48
 2-Nitroaniline
 Concen: 43.732 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion: 65 Resp: 179956
 Ion Ratio Lower Upper
 65 100
 92 70.1 58.2 87.2
 138 109.3 95.6 143.4





#49

Acenaphthylene

Concen: 44.405 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

ClientSampleId :

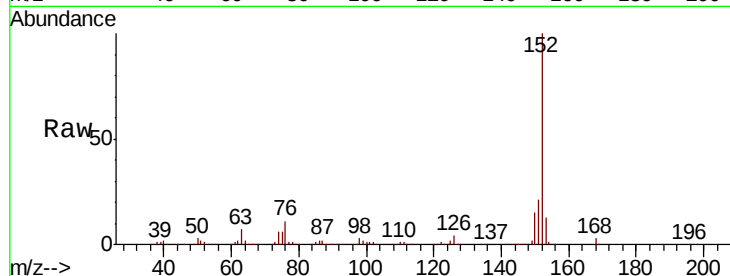
Tot Ion:152 Resp: 946182

Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

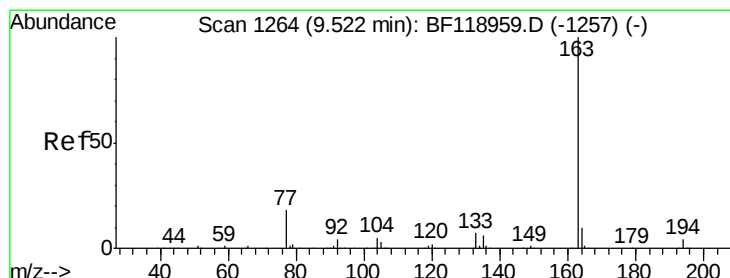
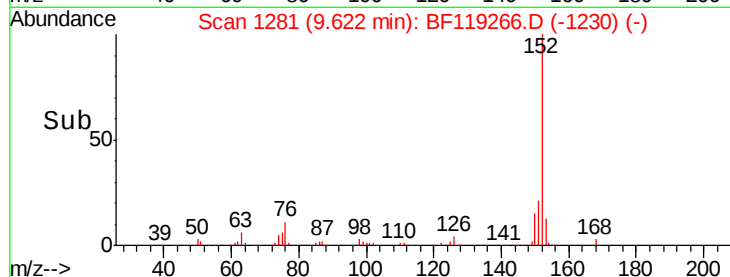
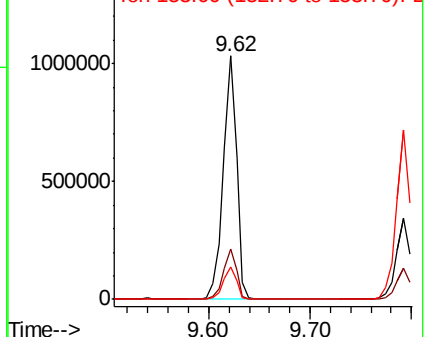
153 13.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.650 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

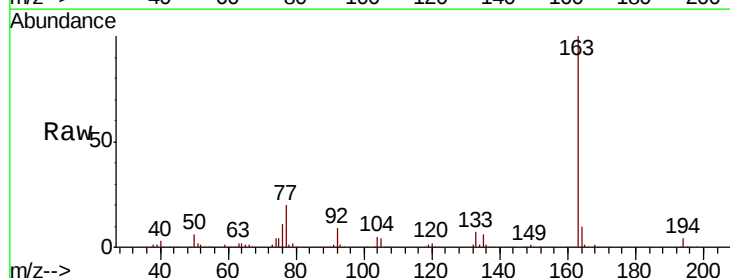
Tgt Ion:163 Resp: 790739

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

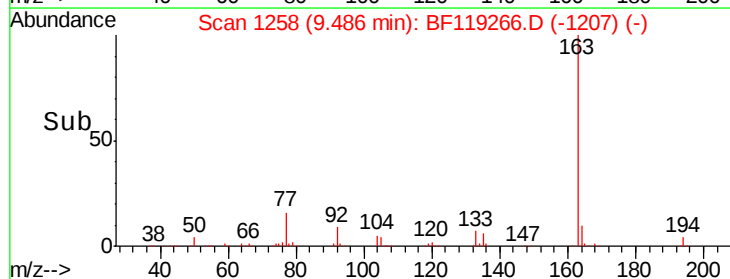
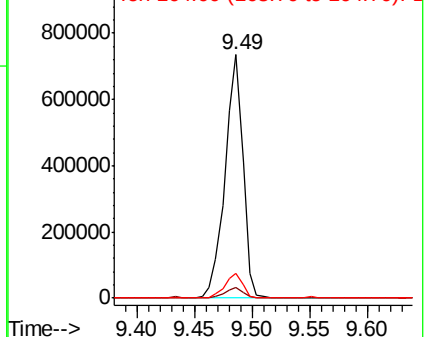
164 10.2 8.4 12.6

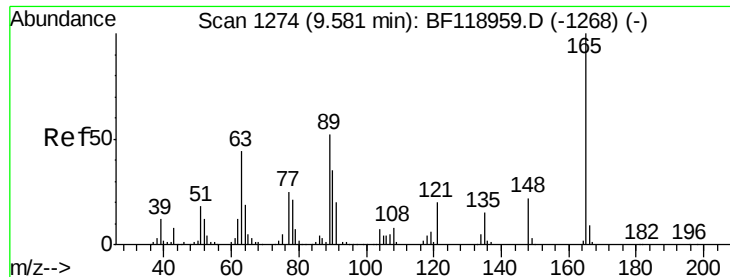


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

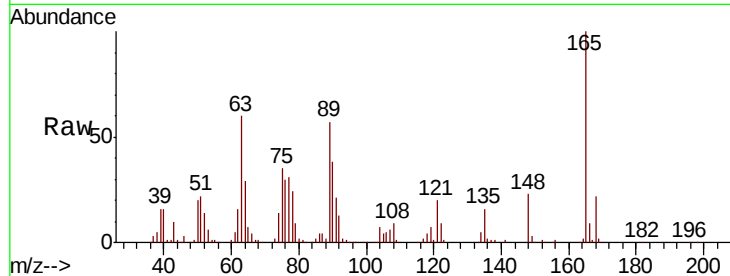




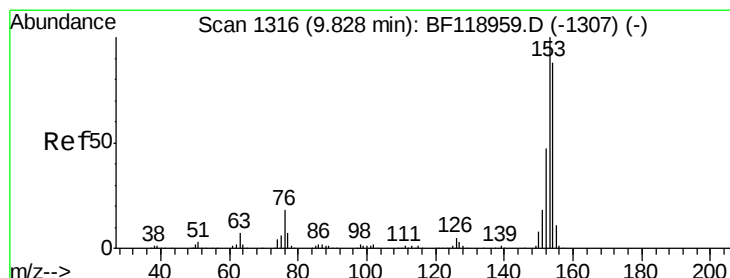
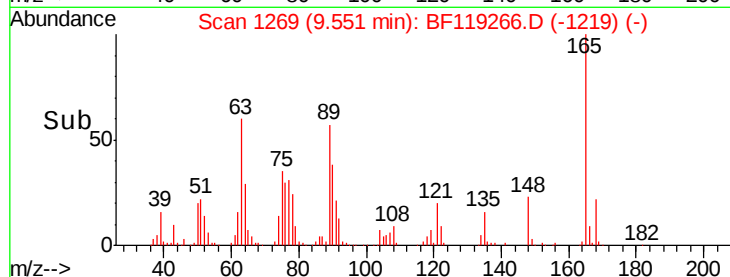
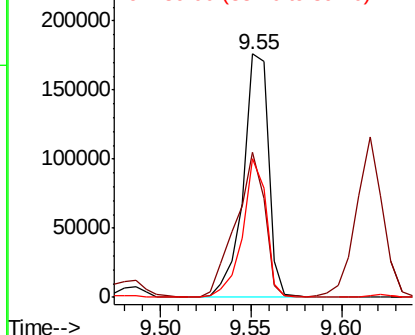
#51
 2,6-Dinitrotoluene
 Concen: 44.220 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 170175
 Ion Ratio Lower Upper
 165 100
 63 59.6 34.3 51.5#
 89 56.7 38.3 57.5

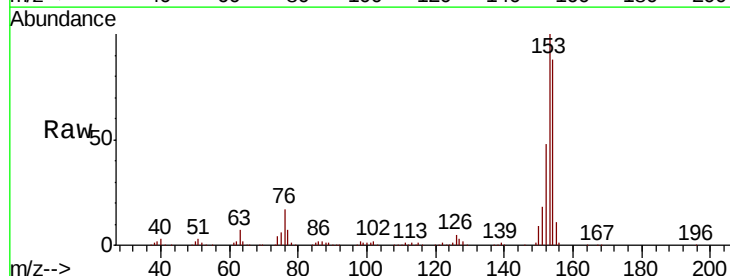


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

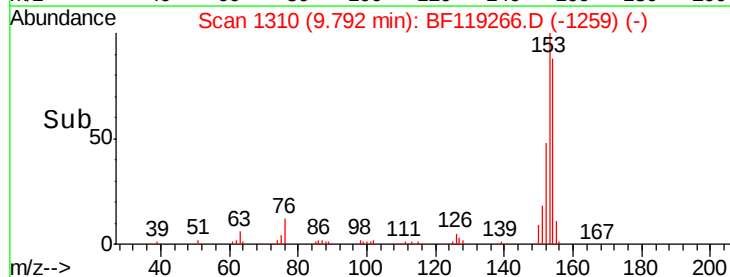
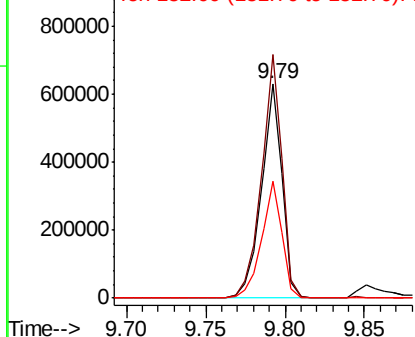


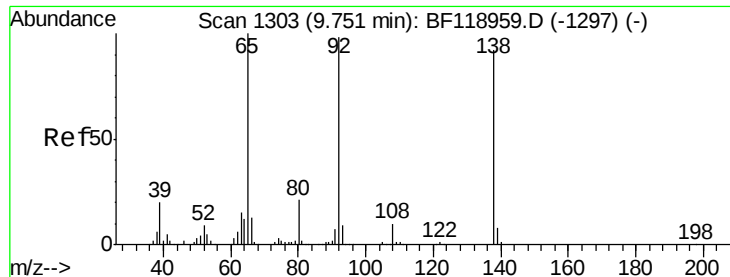
#52
 Acenaphthene
 Concen: 44.767 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion:154 Resp: 575189
 Ion Ratio Lower Upper
 154 100
 153 113.4 90.3 135.5
 152 54.5 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

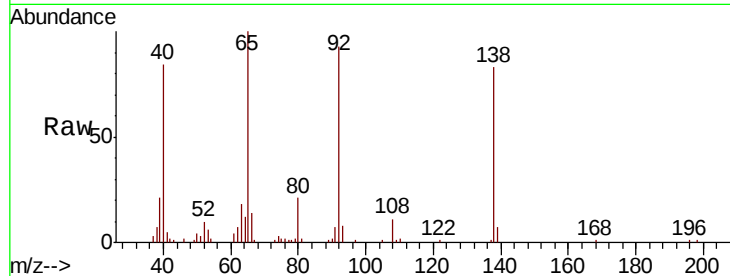




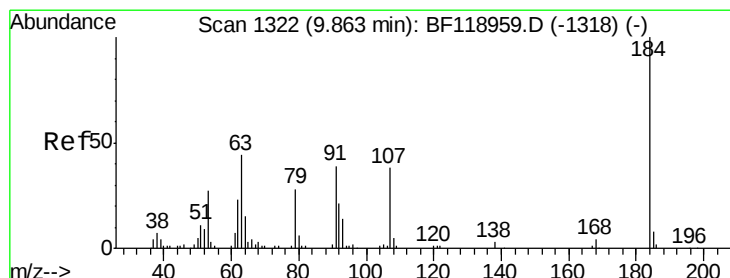
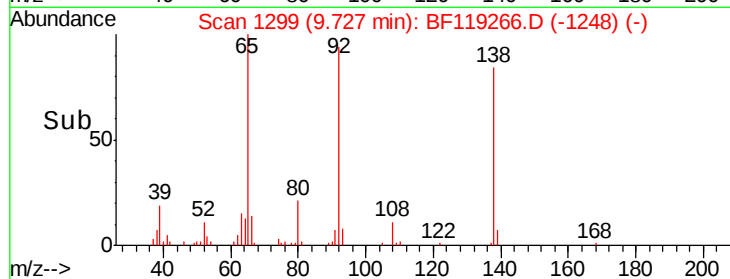
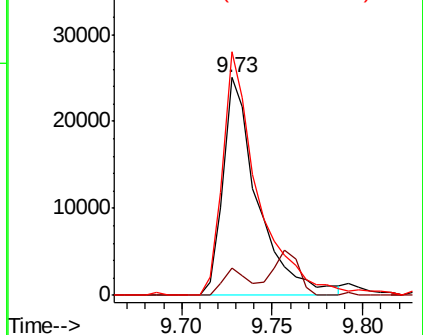
#53
3-Nitroaniline
Concen: 7.822 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 33372
Ion Ratio Lower Upper
138 100
108 12.8 8.8 13.2
92 111.9 84.8 127.2

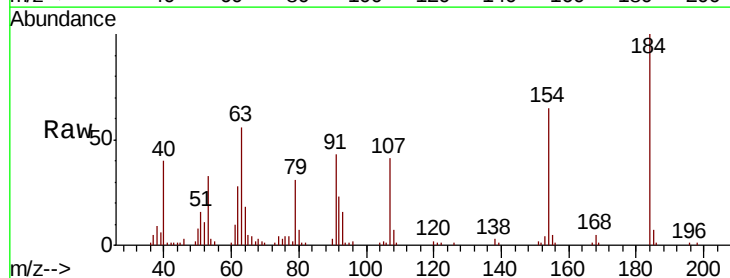


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

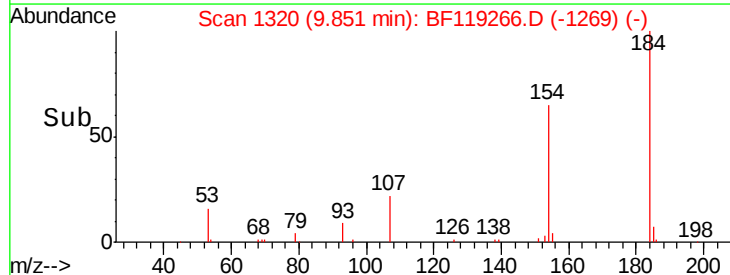
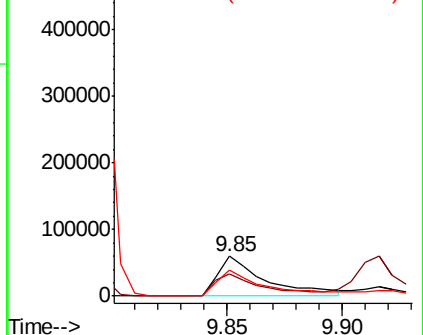


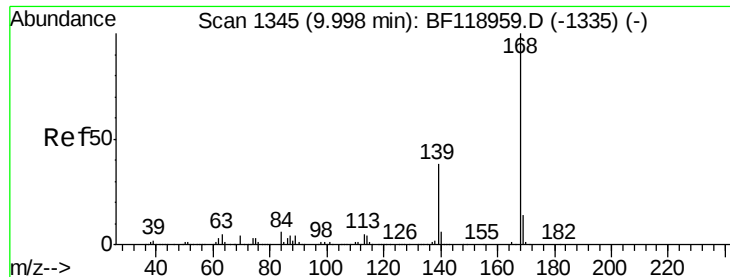
#54
2,4-Dinitrophenol
Concen: 48.728 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion:184 Resp: 85113
Ion Ratio Lower Upper
184 100
63 55.9 38.7 58.1
154 64.7 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

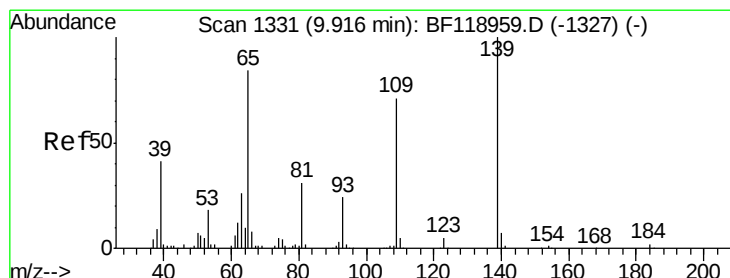
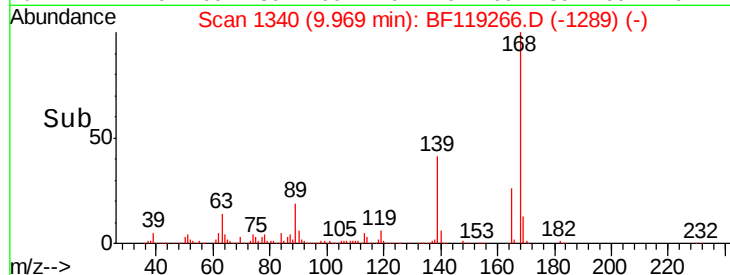
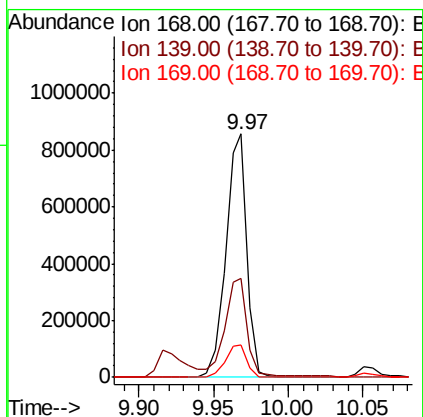
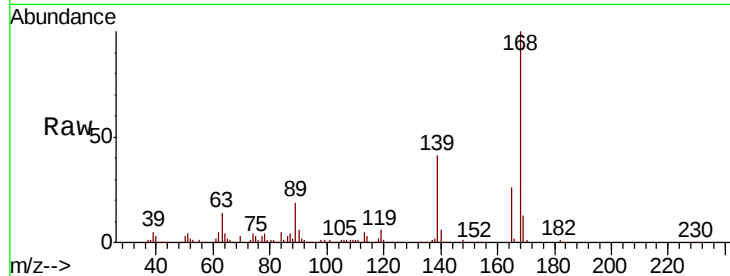




#55
Dibenzofuran
Concen: 44.130 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

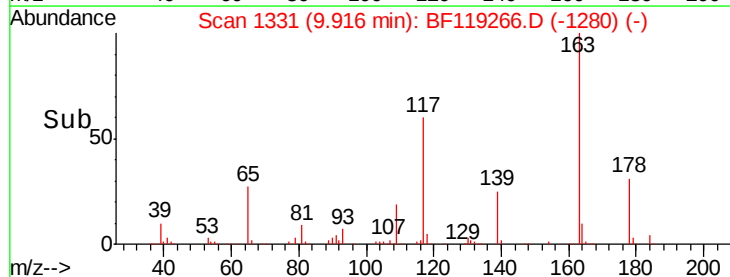
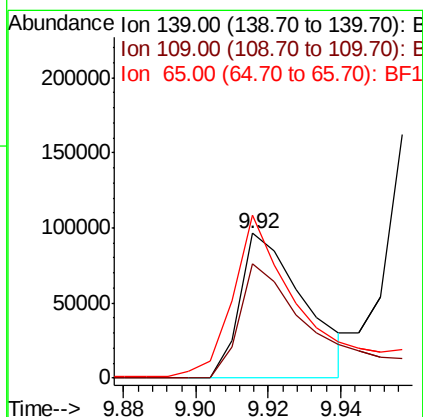
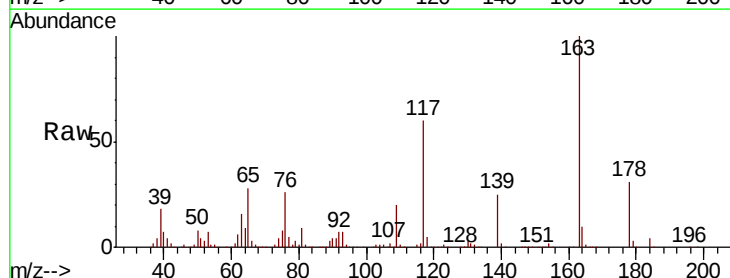
Instrument :
BNA_F
ClientSampled :

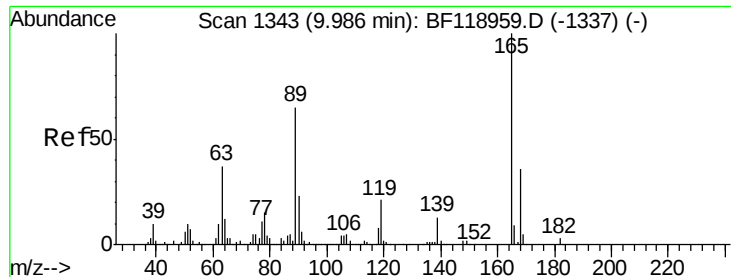
Tot Ion:168 Resp: 846296
Ion Ratio Lower Upper
168 100
139 40.9 34.0 51.0
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 46.130 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion:139 Resp: 118247
Ion Ratio Lower Upper
139 100
109 78.8 56.7 96.7
65 112.2 65.0 105.0#

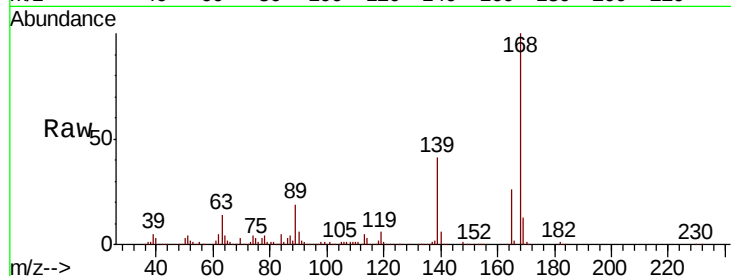




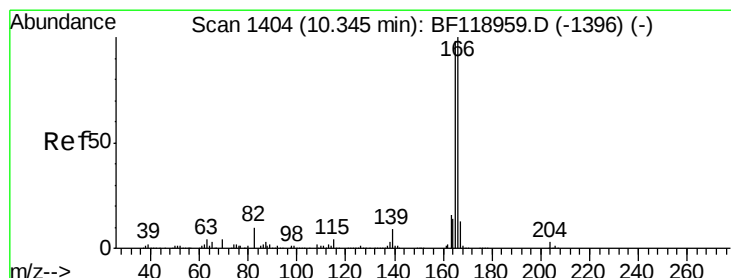
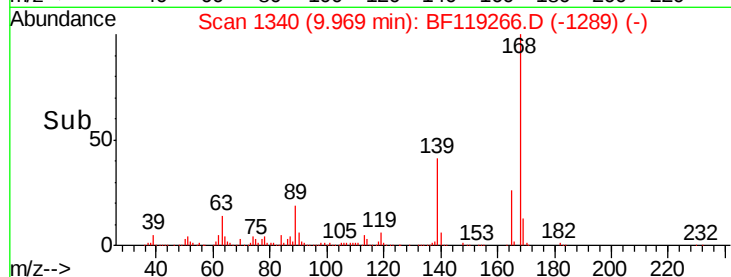
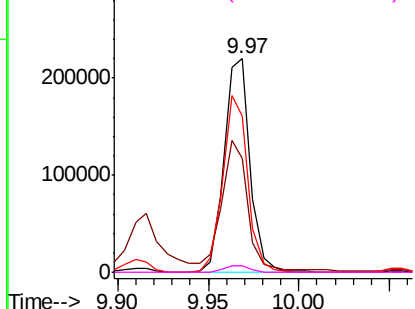
#57
 2,4-Dinitrotoluene
 Concen: 44.016 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.2	42.3	63.5
89	73.2	60.2	90.4
182	3.1	2.3	3.5

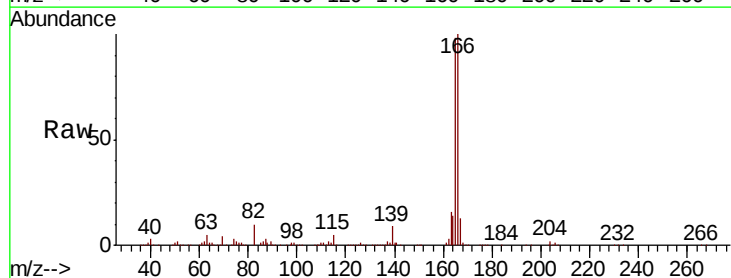


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

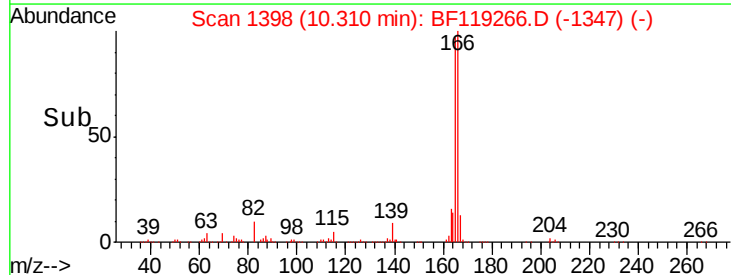
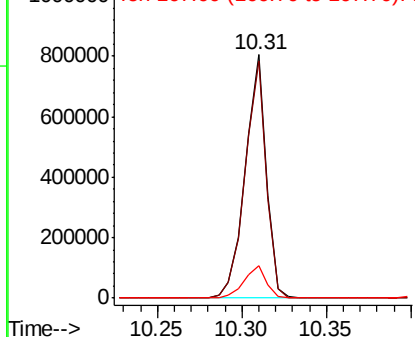


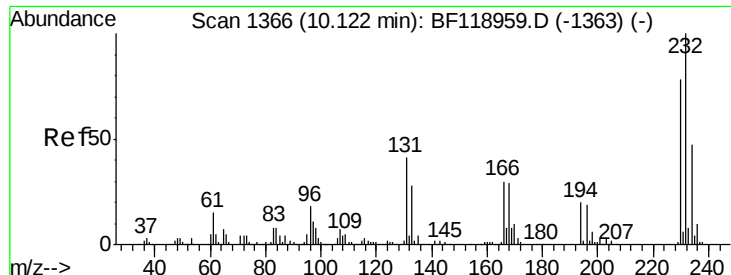
#58
 Fluorene
 Concen: 47.113 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	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

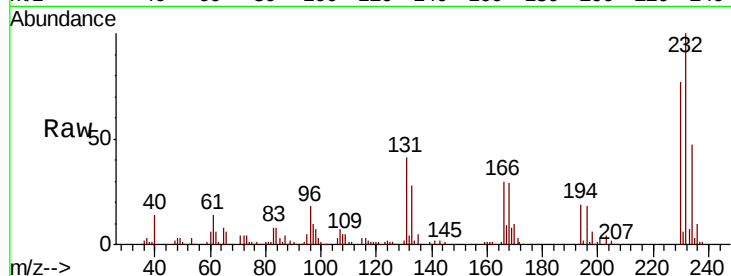




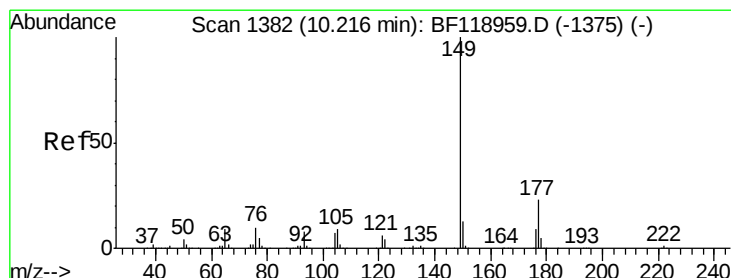
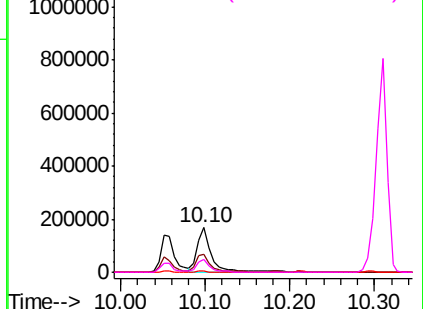
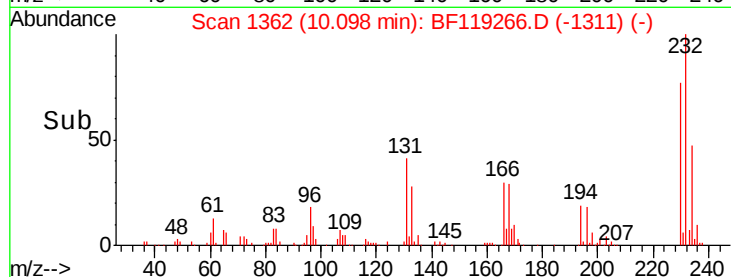
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.622 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	186286
Ion	Ratio	Lower	Upper
232	100		
131	39.7	33.8	50.8
130	2.4	1.8	2.6
166	28.2	23.0	34.4

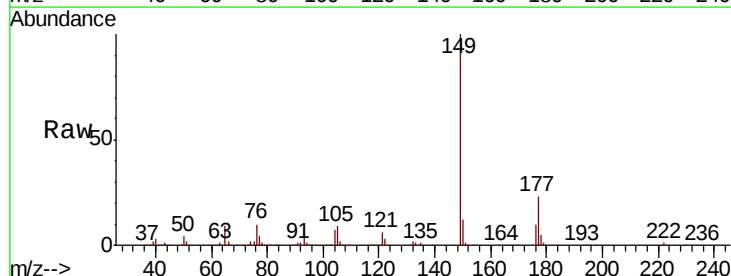


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

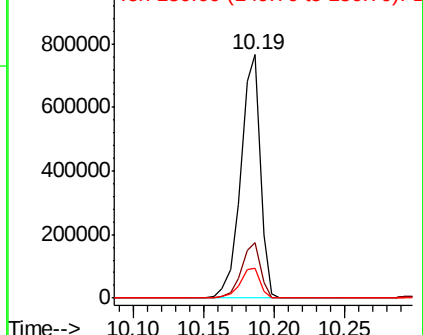
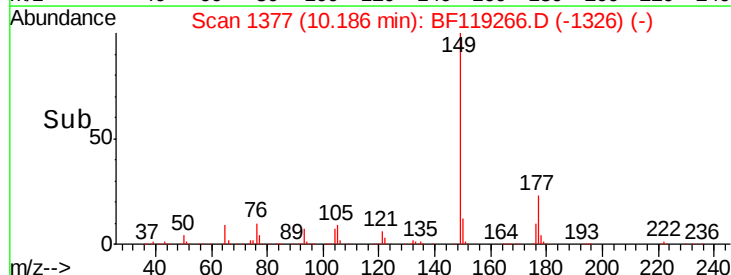


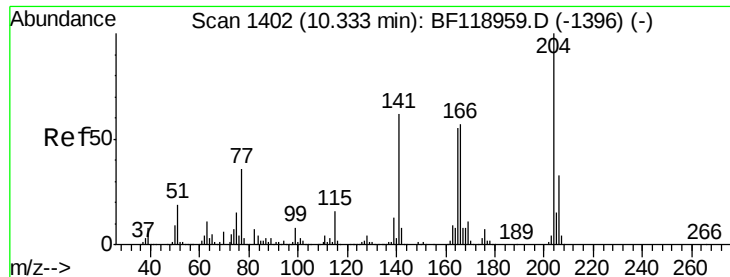
#60
 Diethylphthalate
 Concen: 45.080 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion:	149	Resp:	735866
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.2	27.2
150	12.5	10.5	15.7



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

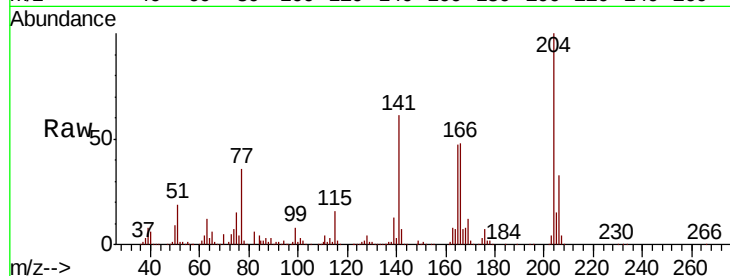




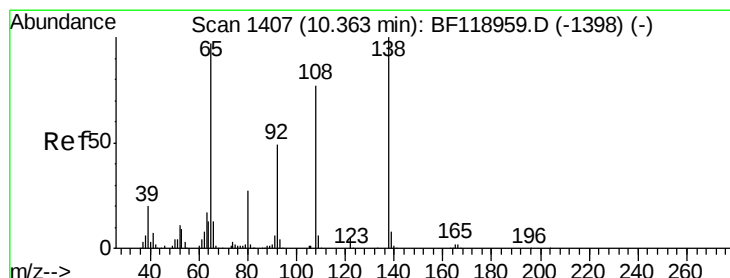
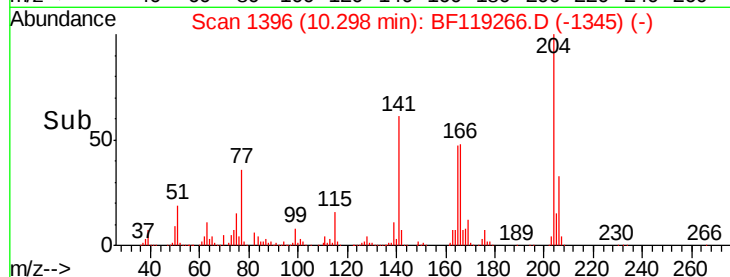
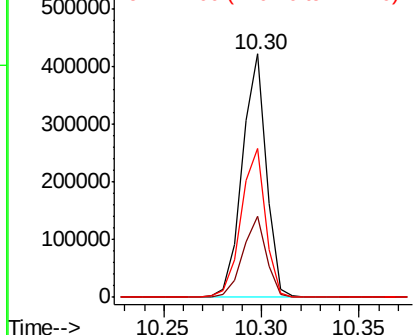
#61
4-Chlorophenyl-phenylether
Concen: 45.427 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 358325
Ion Ratio Lower Upper
204 100
206 33.2 27.1 40.7
141 61.1 52.9 79.3

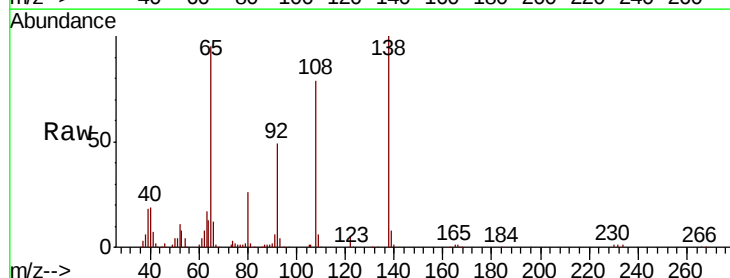


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

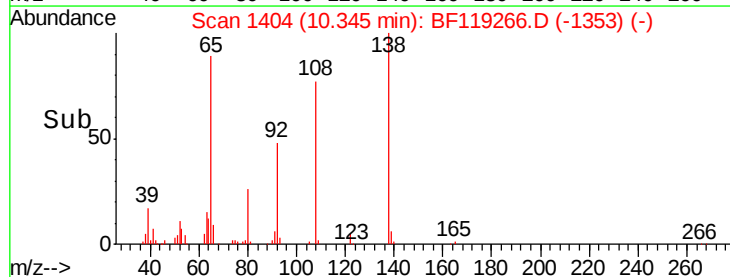
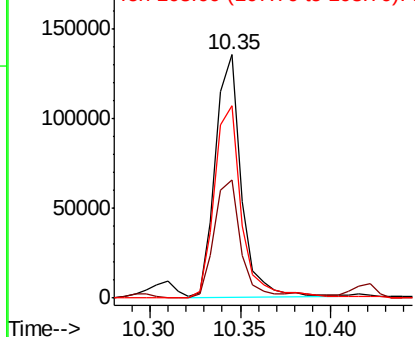


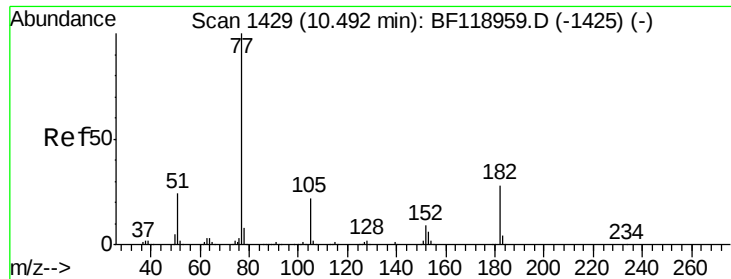
#62
4-Nitroaniline
Concen: 31.065 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion:138 Resp: 135601
Ion Ratio Lower Upper
138 100
92 48.7 27.3 67.3
108 79.0 57.0 97.0



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

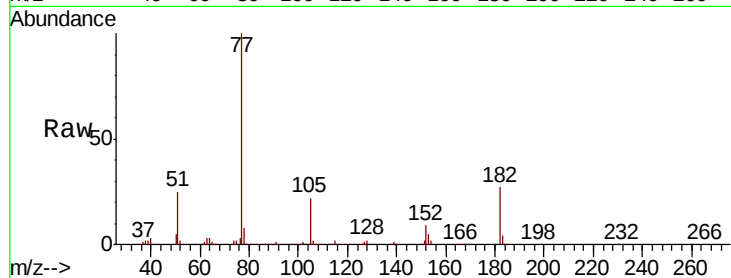




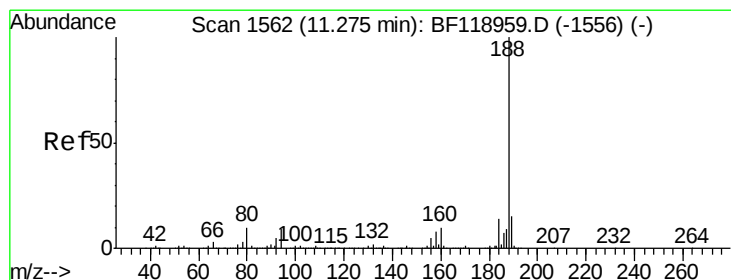
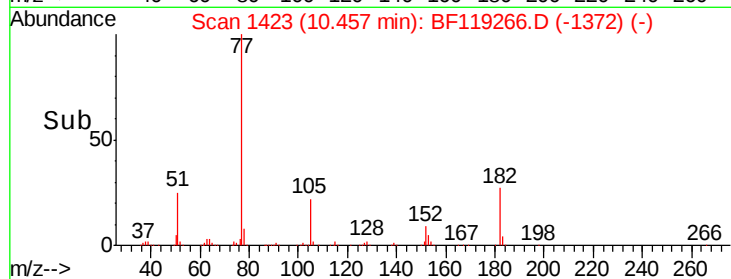
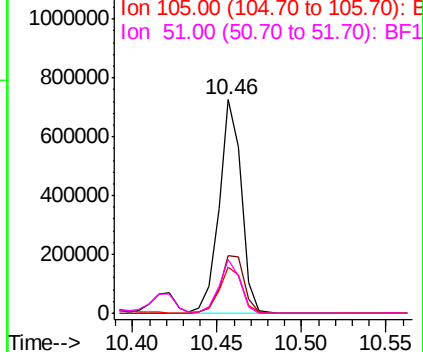
#63
Azobenzene
Concen: 46.568 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	660738
Ion	Ratio	Lower	Upper
77	100		
182	26.8	11.4	51.4
105	21.8	3.4	43.4
51	24.9	5.1	45.1

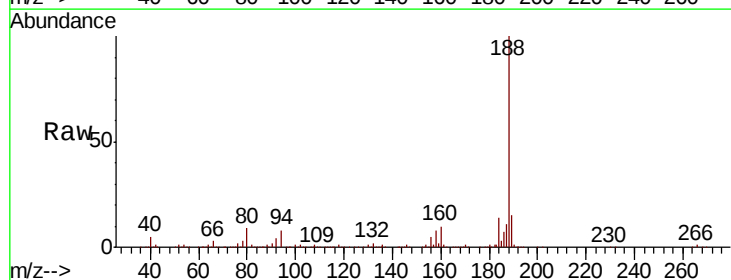


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

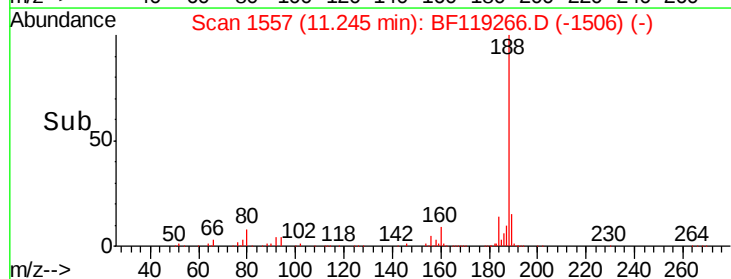
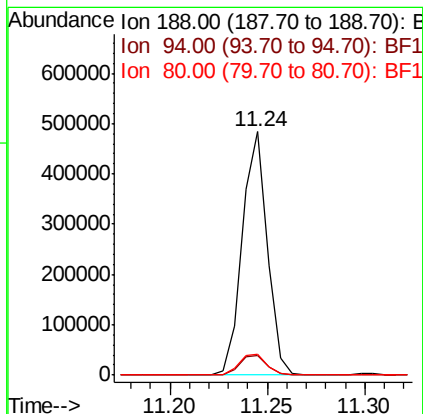


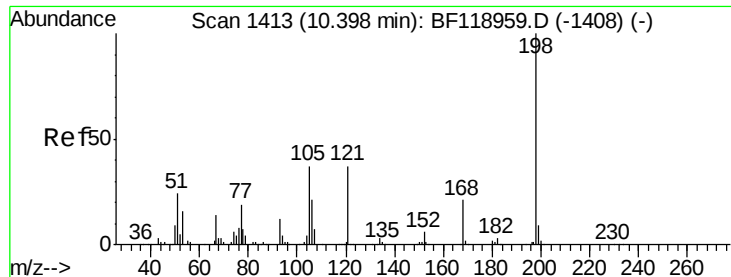
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion:	188	Resp:	431498
Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.1	10.7
80	8.8	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

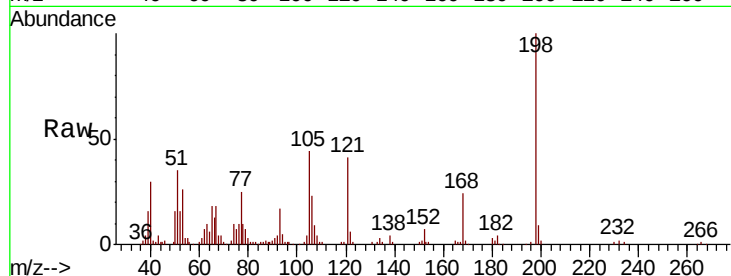




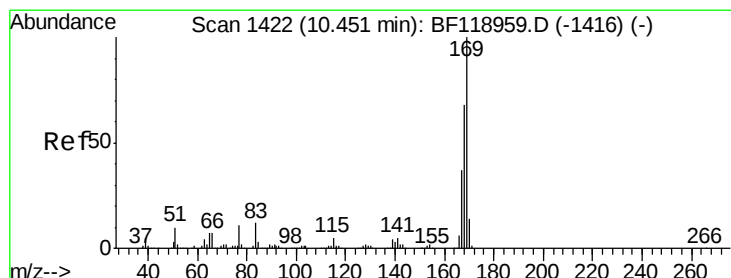
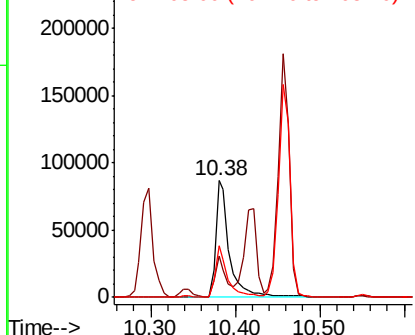
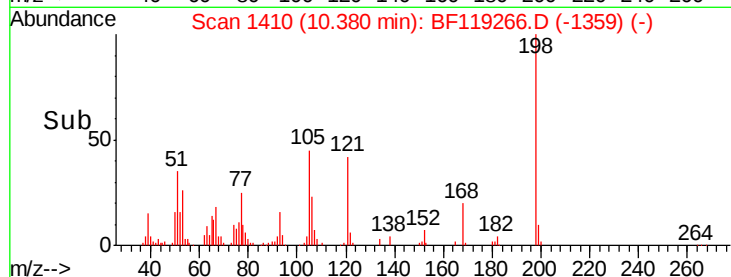
#65
4,6-Dinitro-2-methylphenol
Concen: 38.483 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 100482
Ion Ratio Lower Upper
198 100
51 35.2 14.2 54.2
105 44.4 22.7 62.7

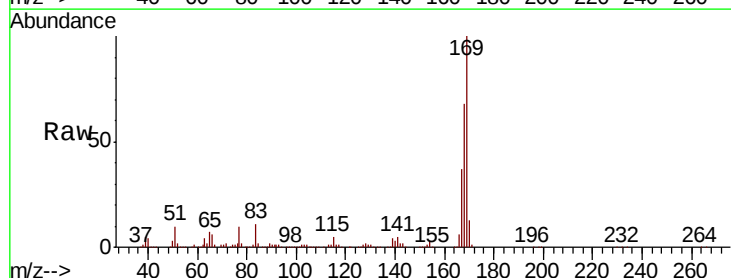


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

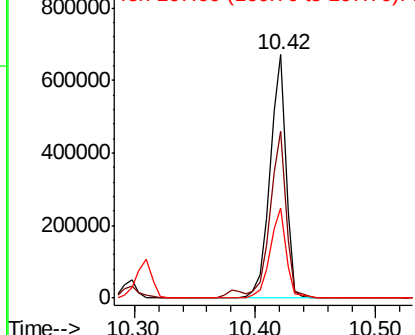
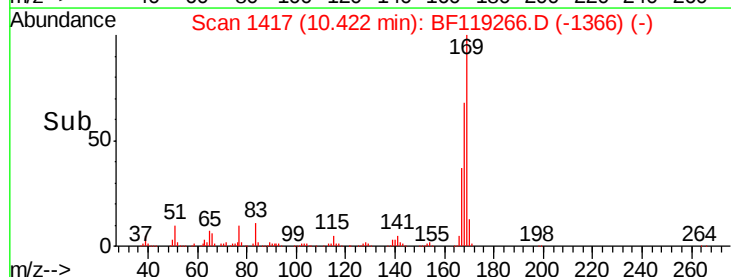


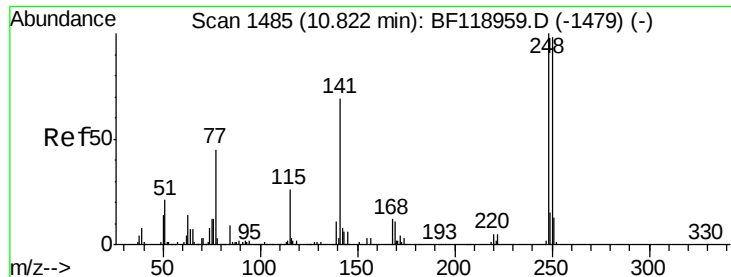
#66
n-Nitrosodiphenylamine
Concen: 44.183 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion:169 Resp: 624259
Ion Ratio Lower Upper
169 100
168 68.4 54.1 81.1
167 36.8 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

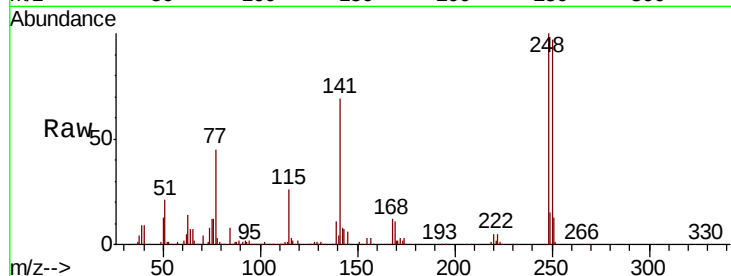




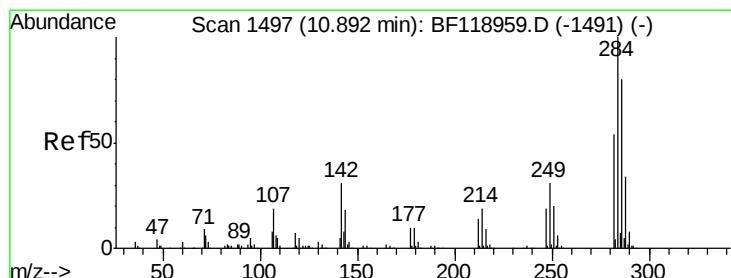
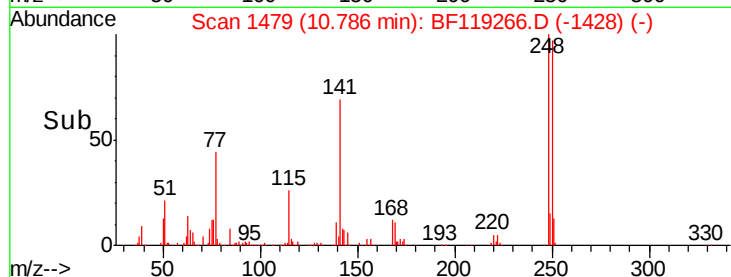
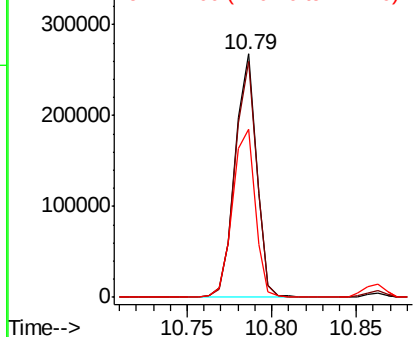
#67
4-Bromophenyl-phenylether
Concen: 41.854 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 236064
Ion Ratio Lower Upper
248 100
250 97.1 76.7 115.1
141 69.2 60.7 91.1

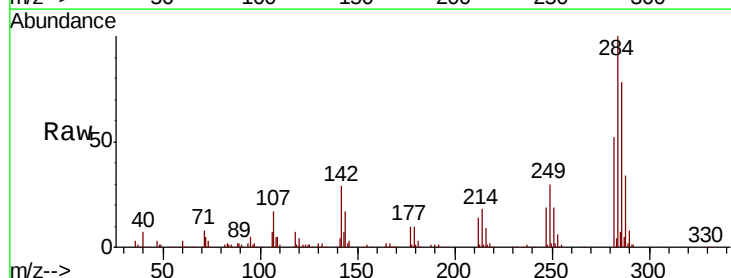


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

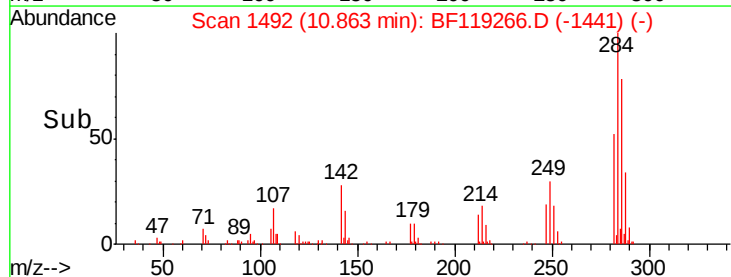
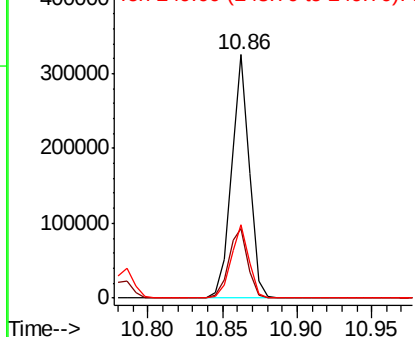


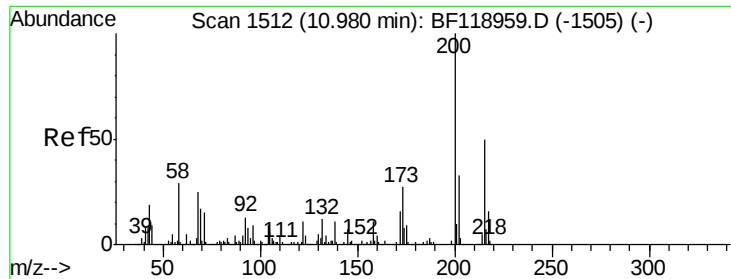
#68
Hexachlorobenzene
Concen: 42.406 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion:284 Resp: 275764
Ion Ratio Lower Upper
284 100
142 28.5 23.7 35.5
249 30.3 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

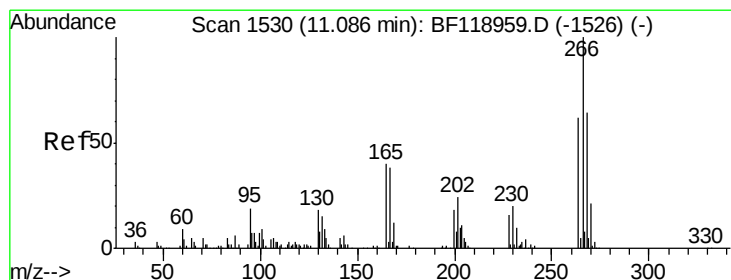
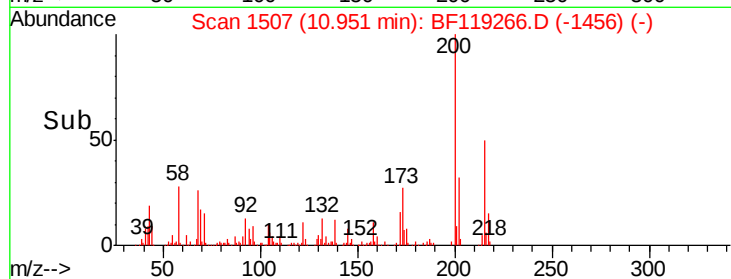
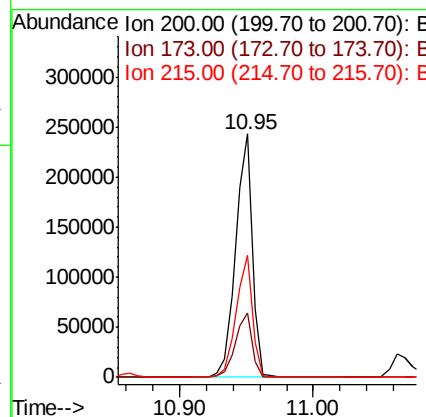
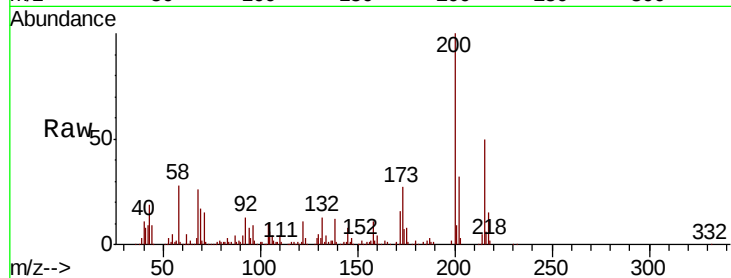




#69
Atrazine
Concen: 43.839 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

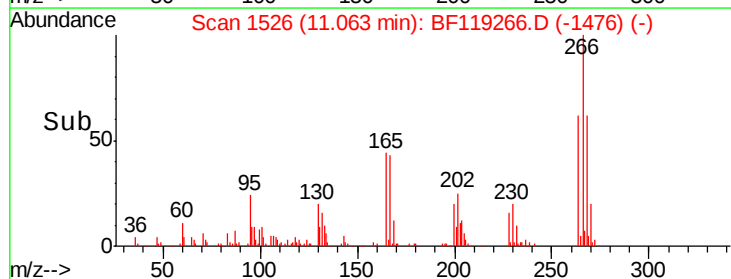
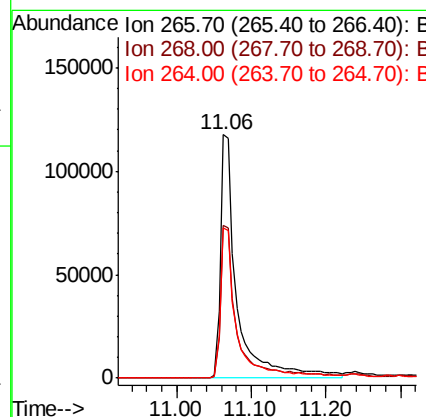
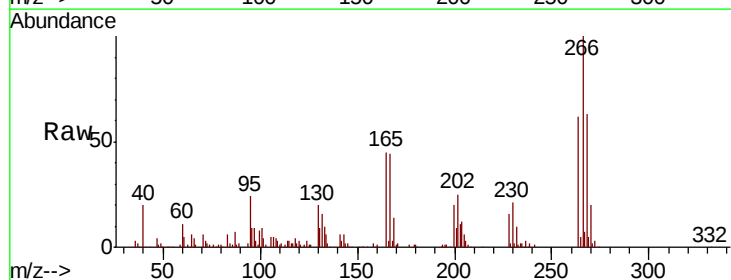
Instrument :
BNA_F
ClientSampleId :

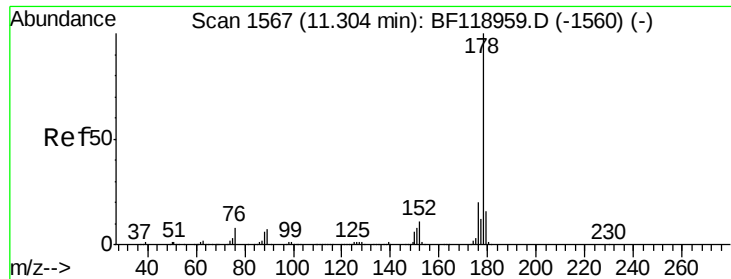
Tot Ion:200 Resp: 216411
Ion Ratio Lower Upper
200 100
173 26.7 6.4 46.4
215 49.9 27.4 67.4



#70
Pentachlorophenol
Concen: 68.890 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion:266 Resp: 180459
Ion Ratio Lower Upper
266 100
268 62.5 51.9 77.9
264 61.9 51.0 76.4





#71

Phenanthrene

Concen: 46.140 ng

RT: 11.27 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

ClientSampleId :

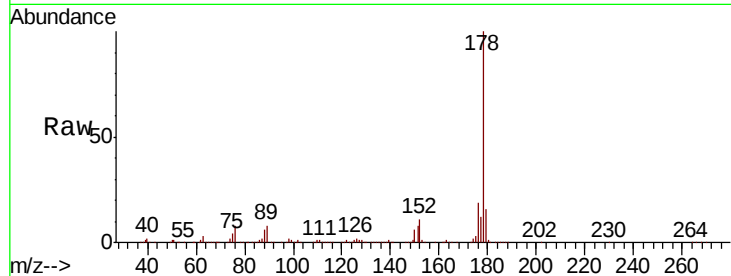
Tot Ion:178 Resp: 1085760

Ion Ratio Lower Upper

178 100

176 19.5 16.5 24.7

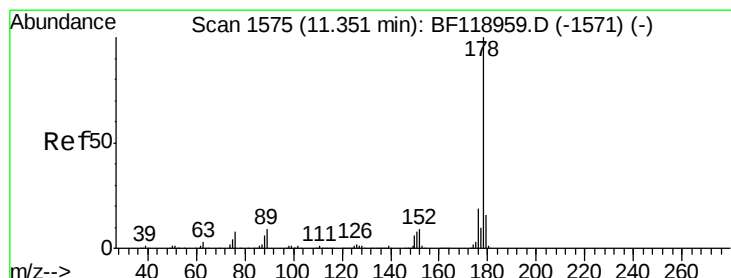
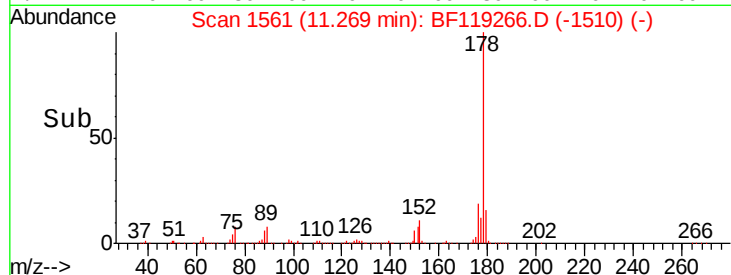
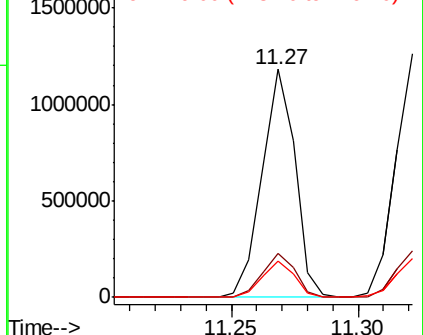
179 15.6 13.0 19.6



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



#72

Anthracene

Concen: 46.639 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

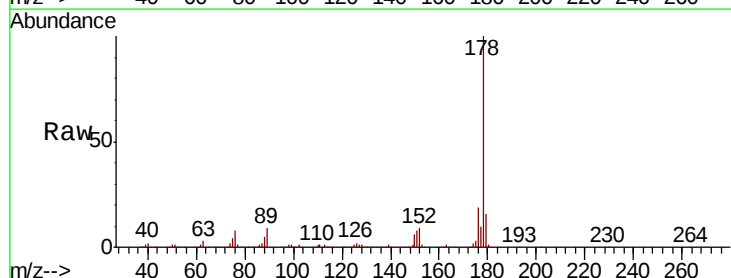
Tgt Ion:178 Resp: 1096595

Ion Ratio Lower Upper

178 100

176 19.2 16.0 24.0

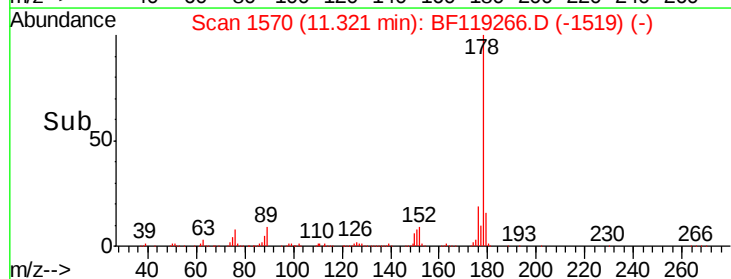
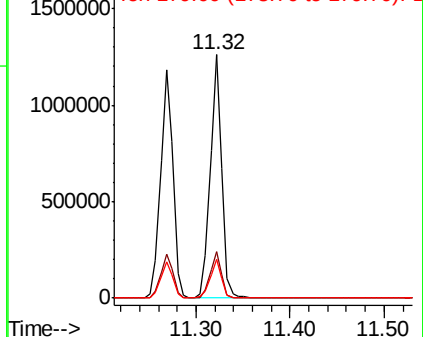
179 16.1 13.1 19.7

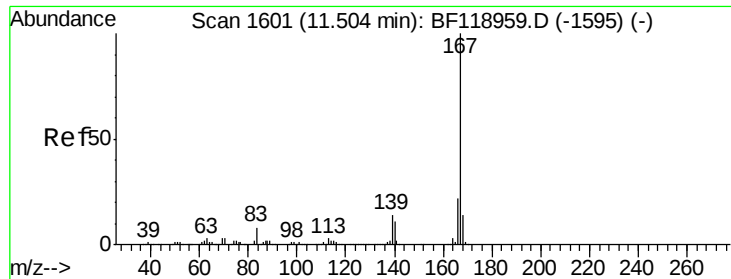


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

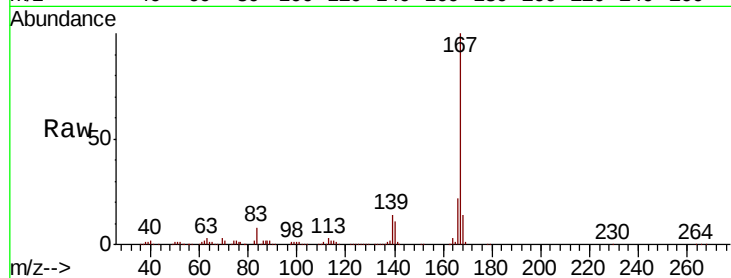




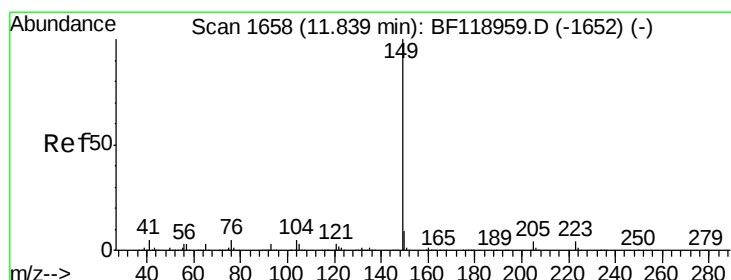
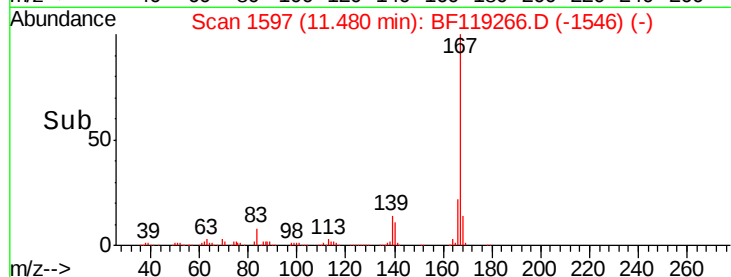
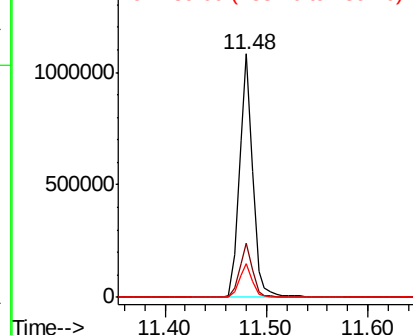
#73
 Carbazole
 Concen: 46.669 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:167 Resp: 977549
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.4
 139 13.8 11.7 17.5

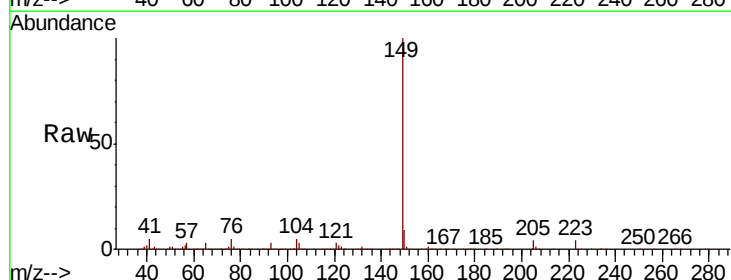


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

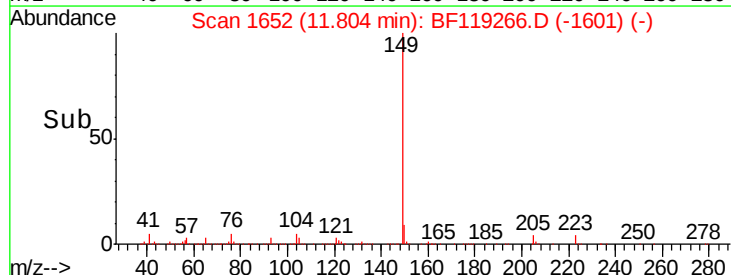
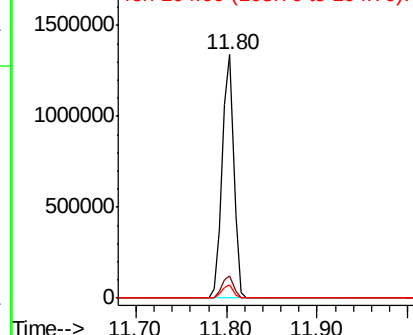


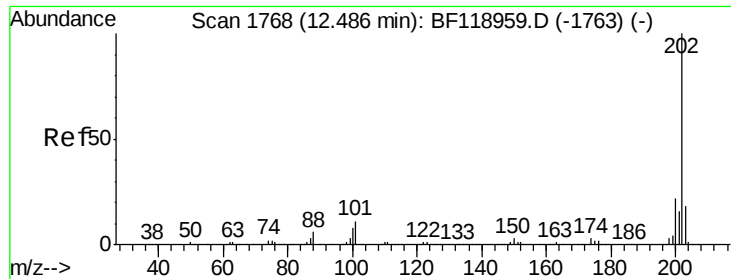
#74
 Di-n-butylphthalate
 Concen: 46.441 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion:149 Resp: 1178047
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.9 11.9
 104 5.2 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

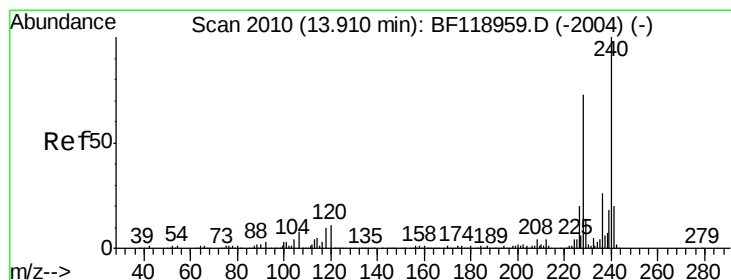
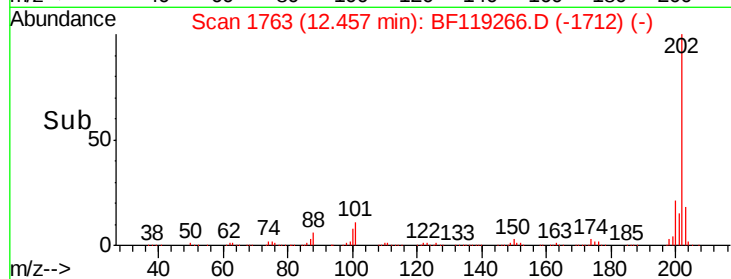
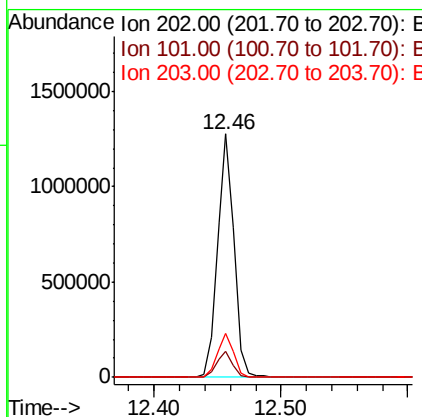
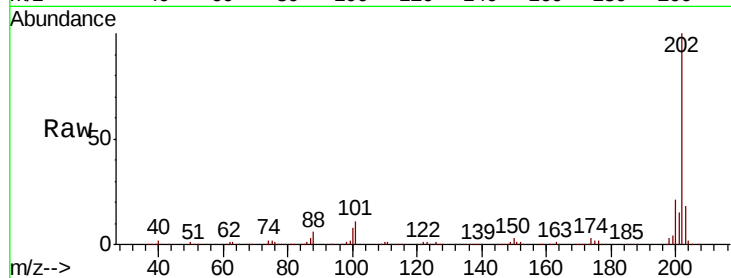




#75
 Fluoranthene
 Concen: 46.666 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

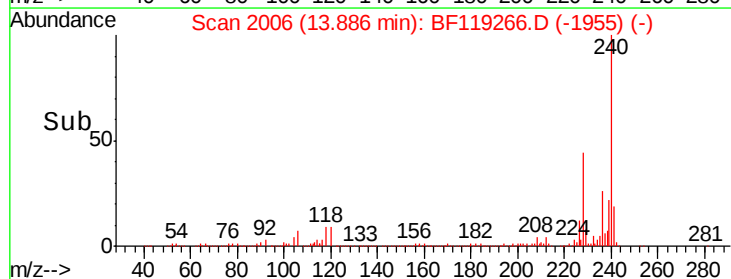
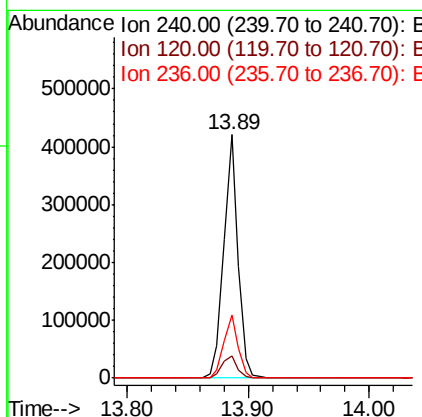
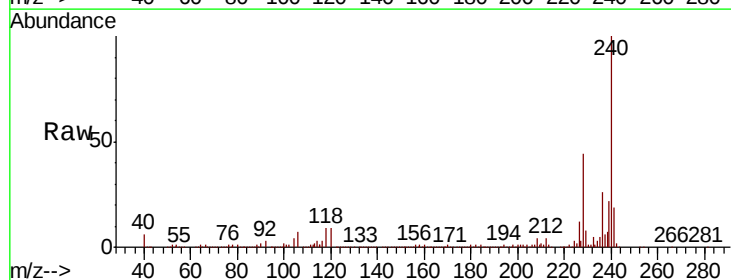
Instrument :
 BNA_F
 ClientSampleId :

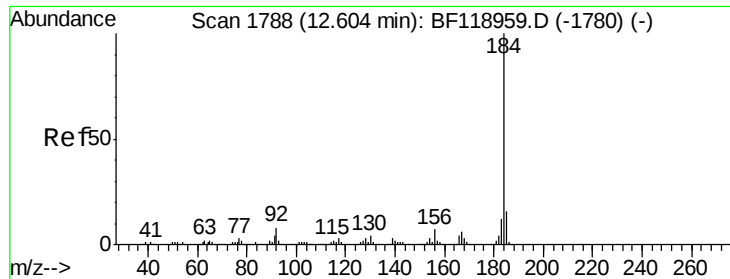
Tot Ion:202 Resp: 1165643
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 30.3
 203 17.8 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion:240 Resp: 340246
 Ion Ratio Lower Upper
 240 100
 120 9.4 8.4 12.6
 236 26.0 21.0 31.4





#77

Benzidine

Concen: 10.564 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

ClientSampleId :

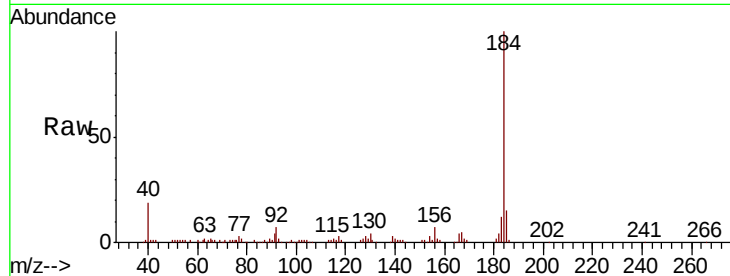
Tot Ion:184 Resp: 146184

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.4

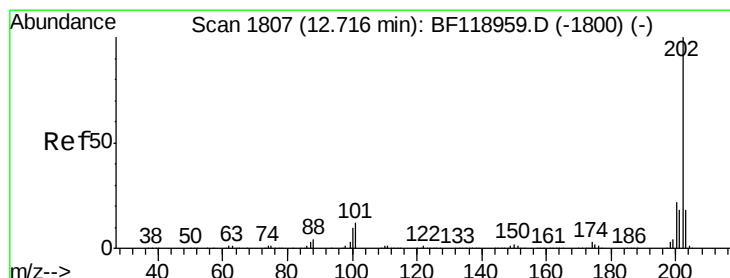
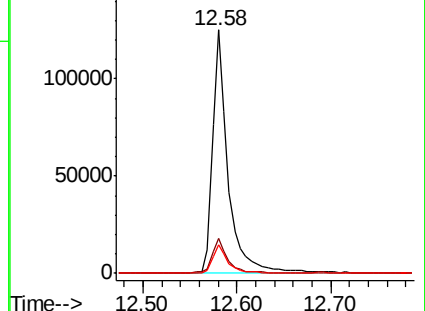
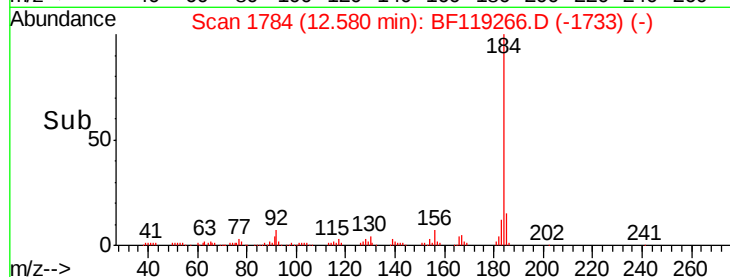
183 11.9 9.9 14.9



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

Pyrene

Concen: 42.884 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

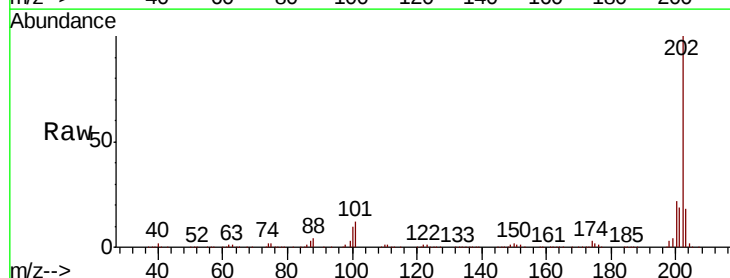
Tgt Ion:202 Resp: 1171637

Ion Ratio Lower Upper

202 100

200 22.1 18.0 27.0

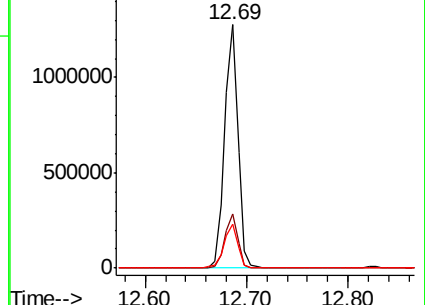
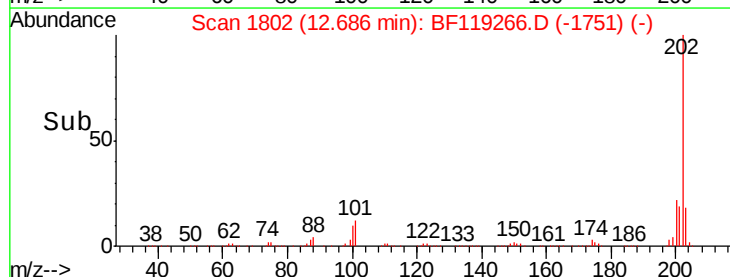
203 18.2 14.6 22.0

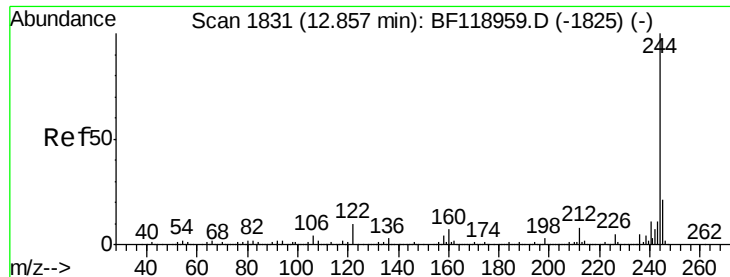


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

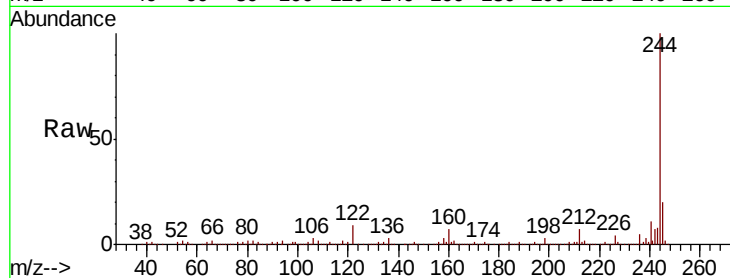




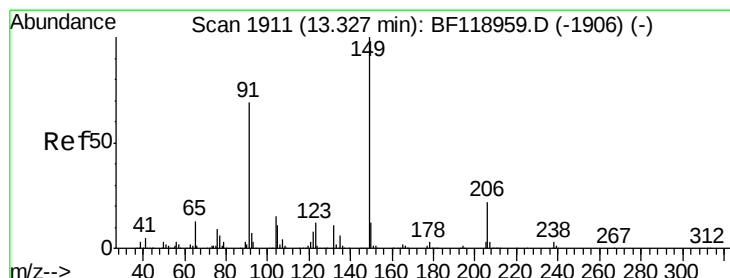
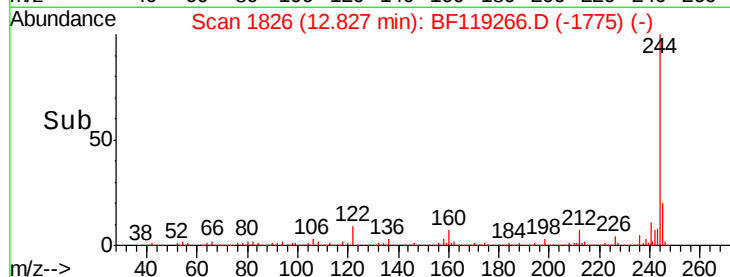
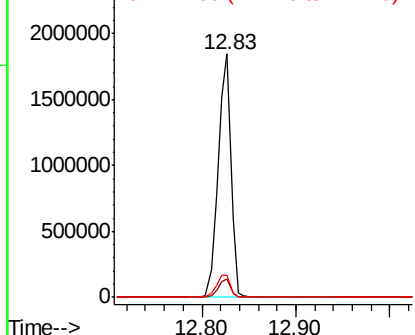
#79
 Terphenyl-d14
 Concen: 89.595 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1770619
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 10.0
 122 9.3 8.2 12.2

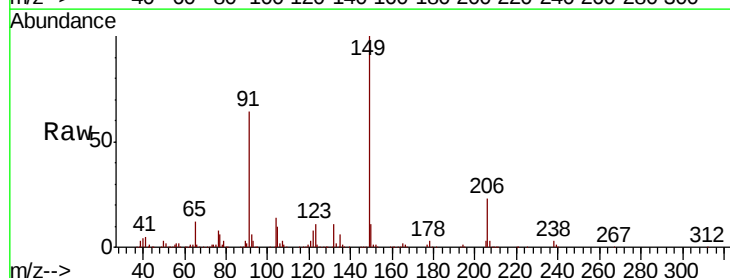


Abundance Ion 244.00 (243.70 to 244.70): E
 2500000 Ion 212.00 (211.70 to 212.70): E
 2000000 Ion 122.00 (121.70 to 122.70): E

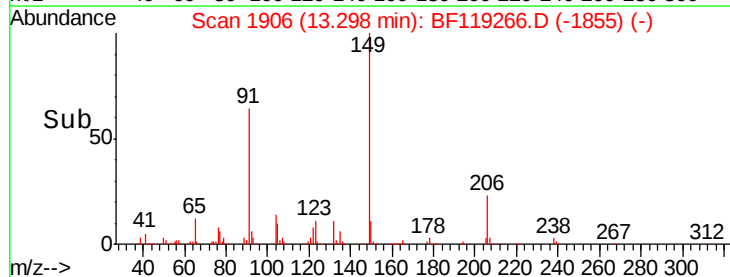
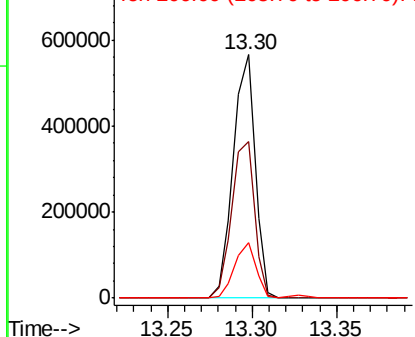


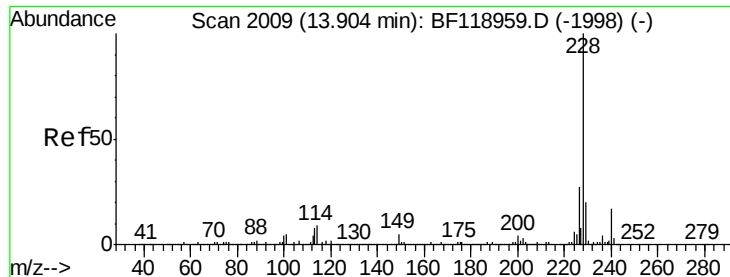
#80
 Butylbenzylphthalate
 Concen: 44.561 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion:149 Resp: 512398
 Ion Ratio Lower Upper
 149 100
 91 64.5 52.3 78.5
 206 22.7 18.5 27.7



Abundance Ion 149.00 (148.70 to 149.70): E
 600000 Ion 91.00 (90.70 to 91.70): BF1
 400000 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.168 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

ClientSampled :

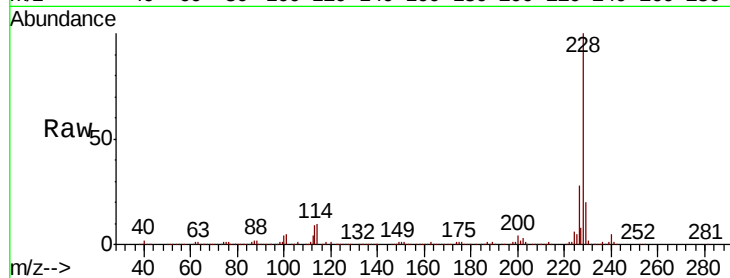
Tot Ion:228 Resp: 1047142

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

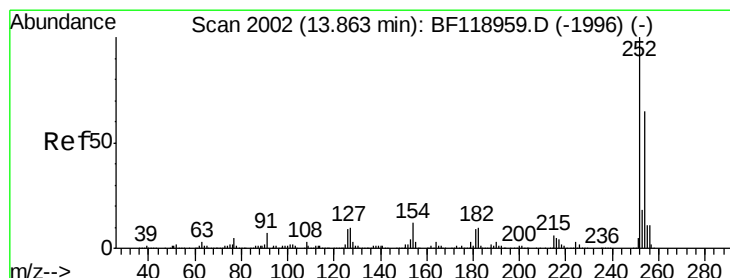
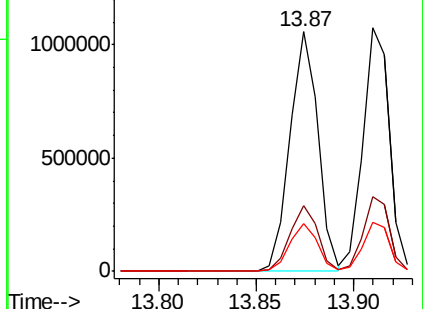
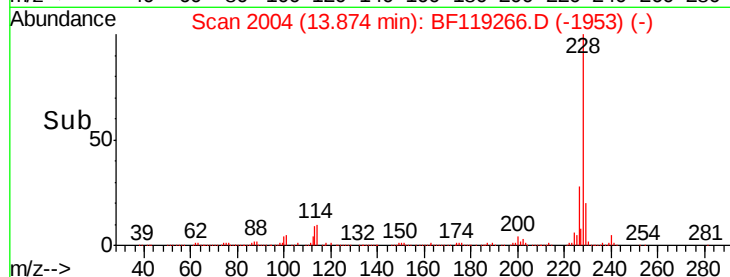
229 19.9 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 13.250 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

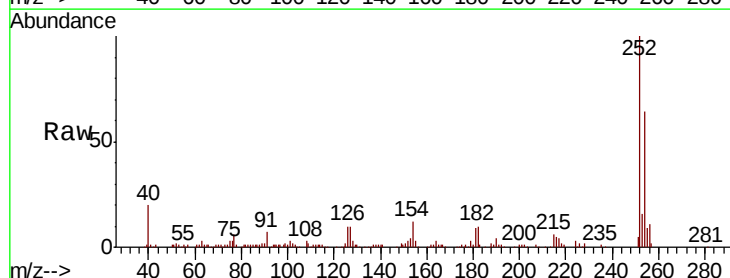
Tgt Ion:252 Resp: 119274

Ion Ratio Lower Upper

252 100

254 64.0 51.6 77.4

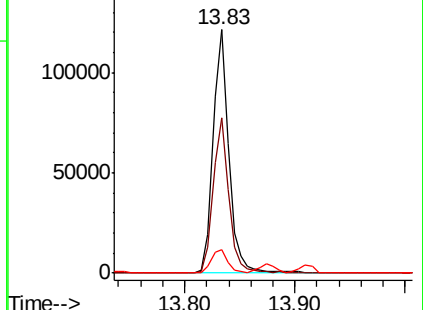
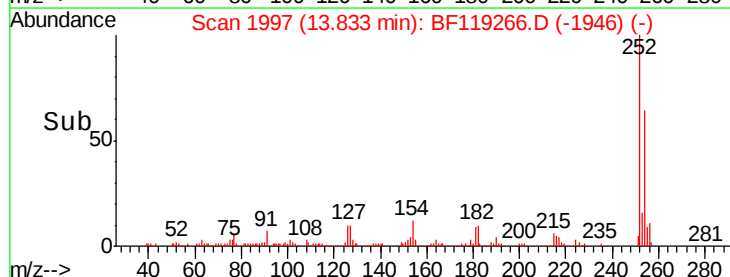
126 9.5 7.4 11.0

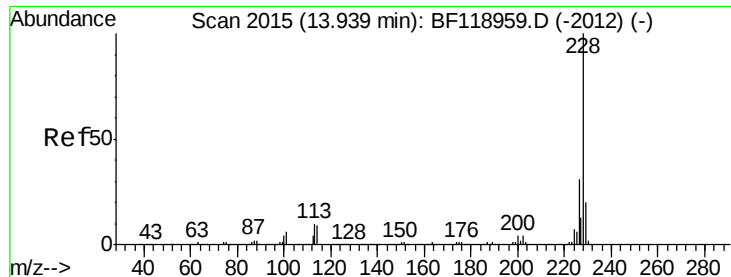


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



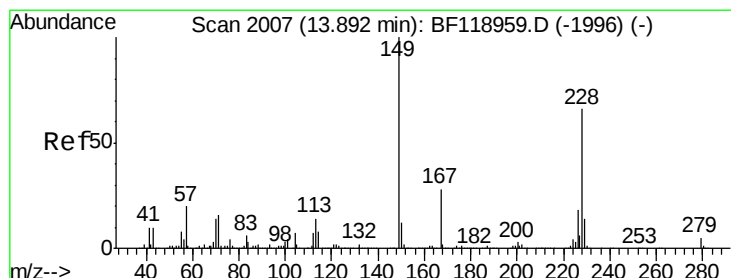
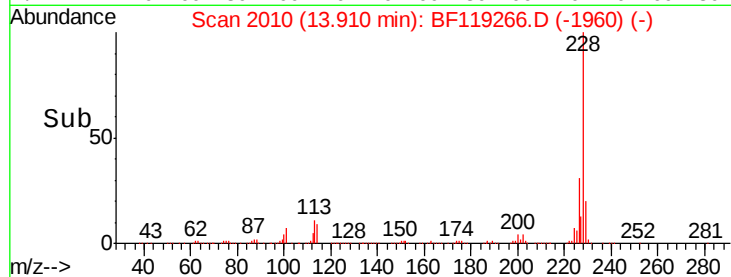
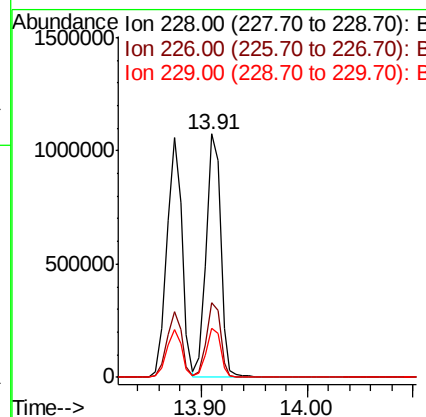
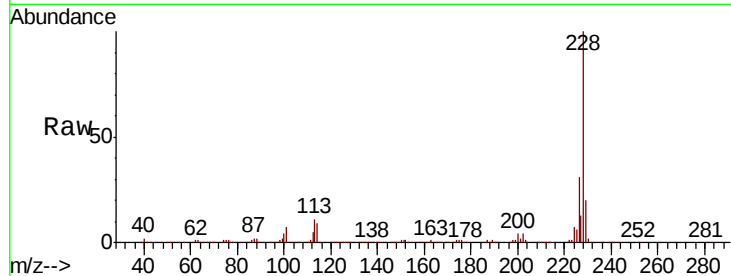


#83
 Chrvsene
 Concen: 44.140 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:228 Resp: 1019633

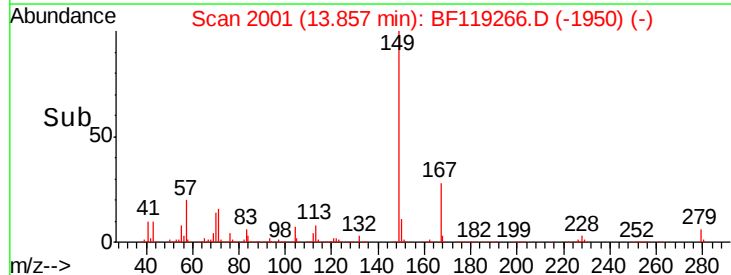
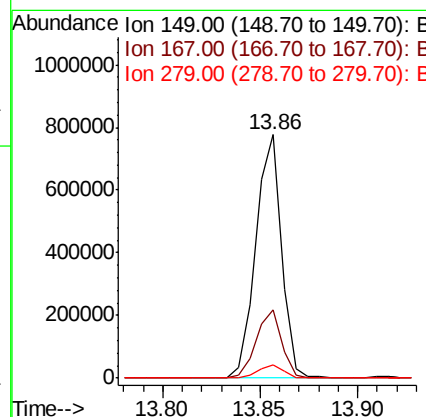
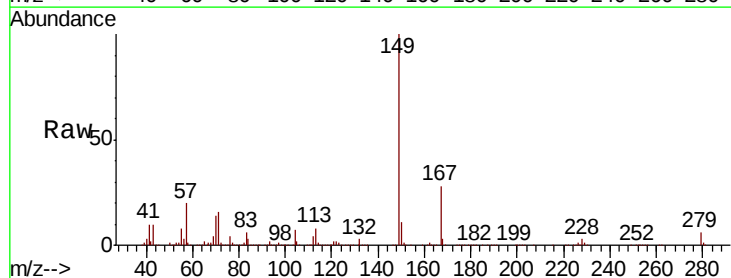
Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.1	37.7
229	20.0	16.3	24.5

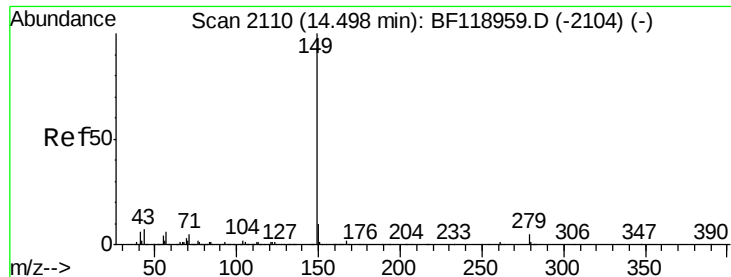


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.795 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119266.D
 Acq: 6 Mar 2020 23:07

Tgt Ion:149 Resp: 708850

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.8	34.2
279	5.5	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 50.109 ng

RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

ClientSampleId :

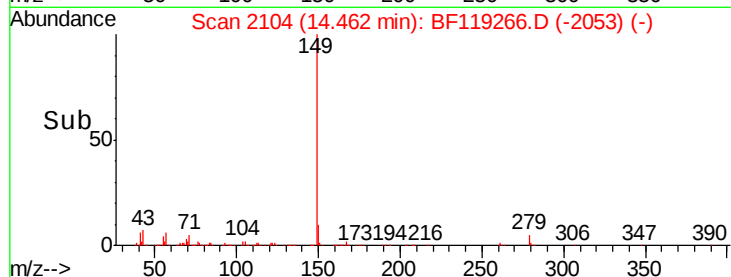
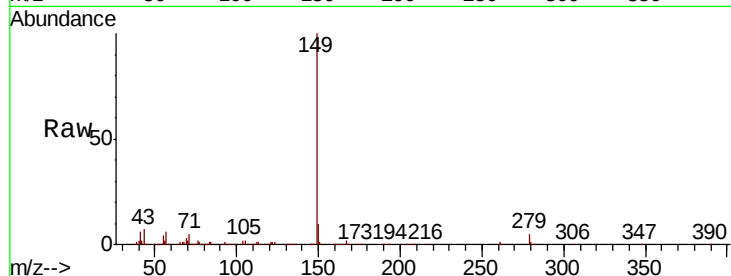
Tot Ion:149 Resp: 1159830

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

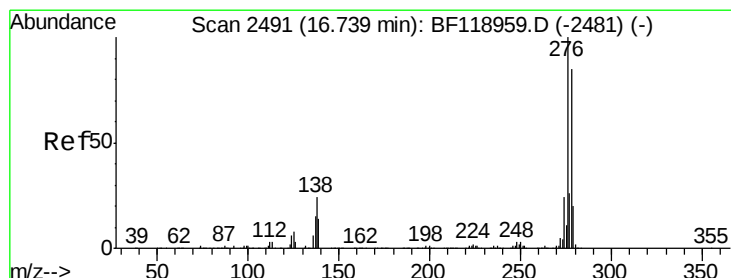
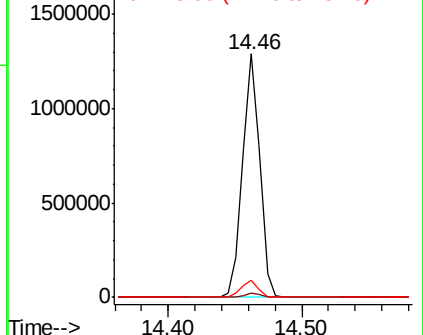
43 6.7 5.7 8.5



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: 45.331 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

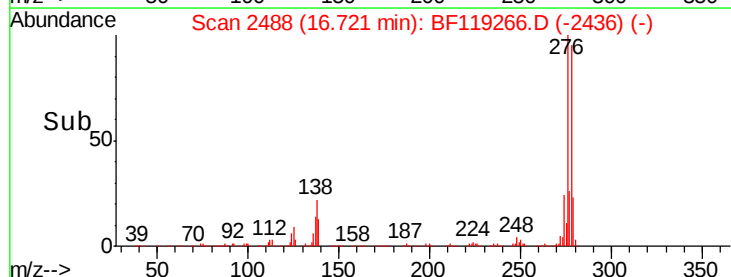
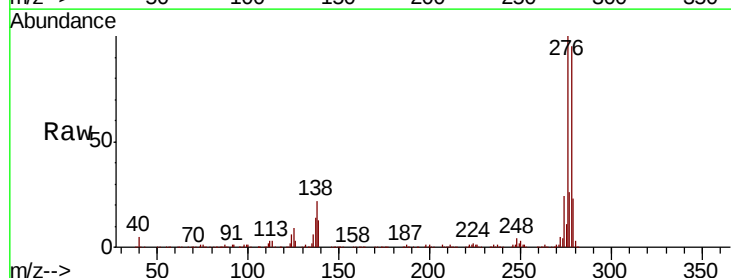
Tgt Ion:276 Resp: 1013940

Ion Ratio Lower Upper

276 100

138 21.5 17.4 26.0

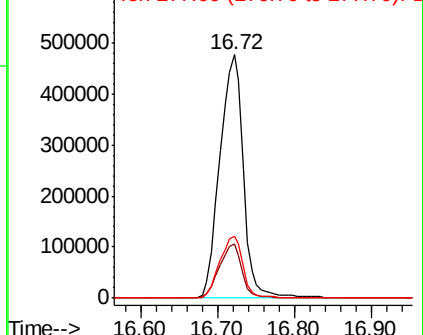
277 25.4 20.3 30.5

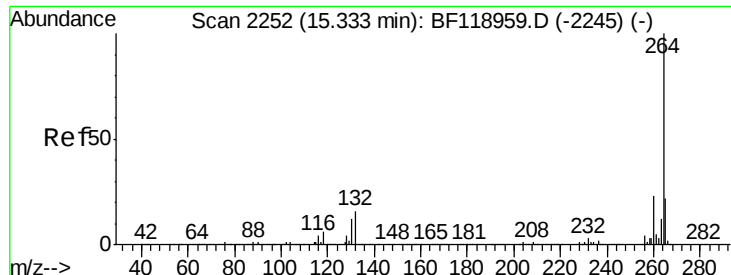


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



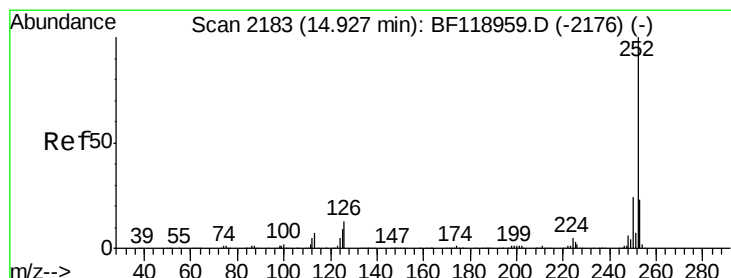
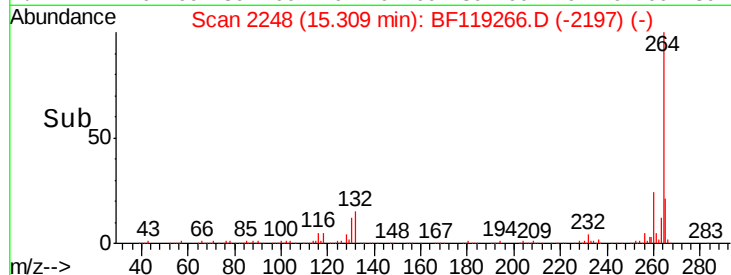
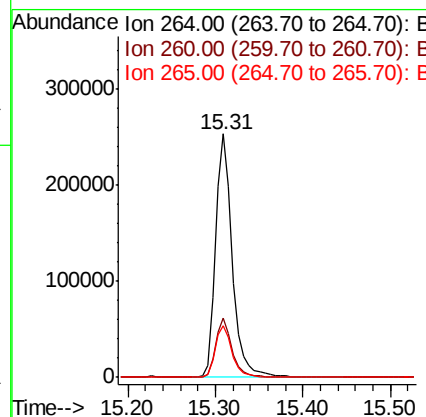
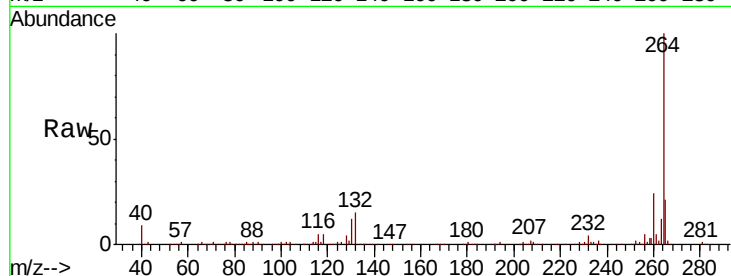


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 337776

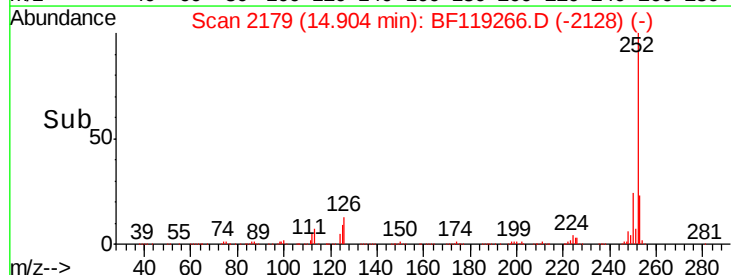
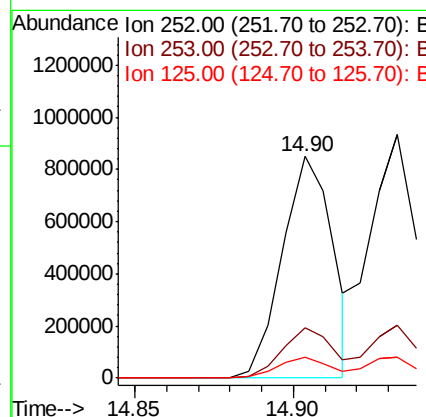
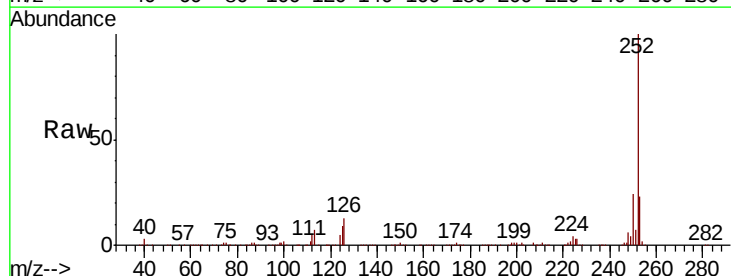
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.4	17.7	26.5

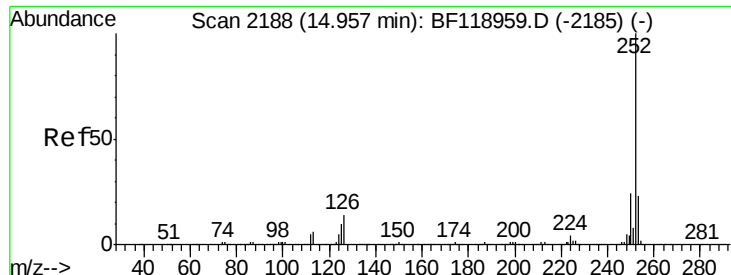


#88
Benzo(b)fluoranthene
Concen: 42.433 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion:252 Resp: 944753

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	9.5	7.4	11.0

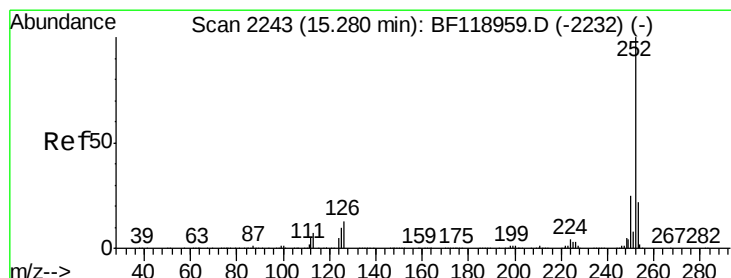
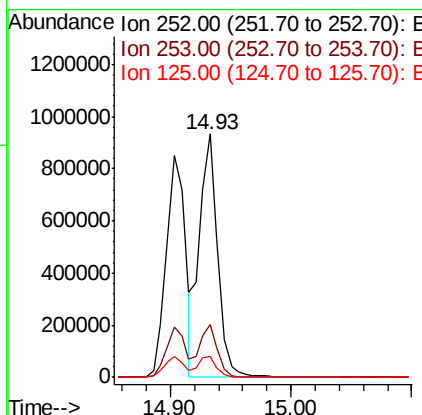
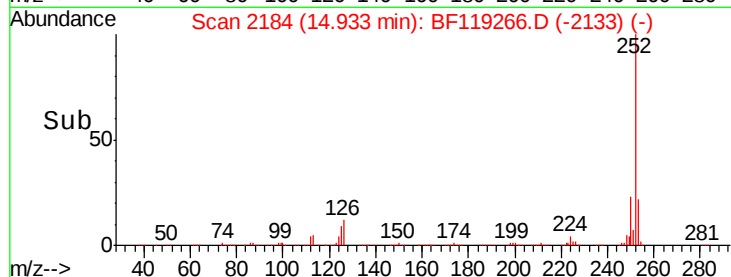
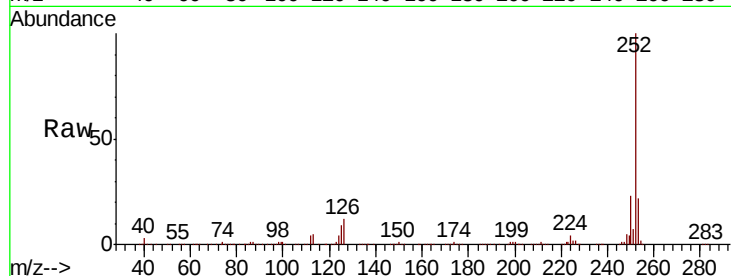




#89
Benzo(k)fluoranthene
Concen: 47.505 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

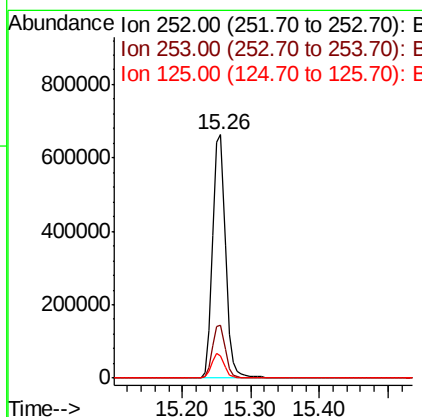
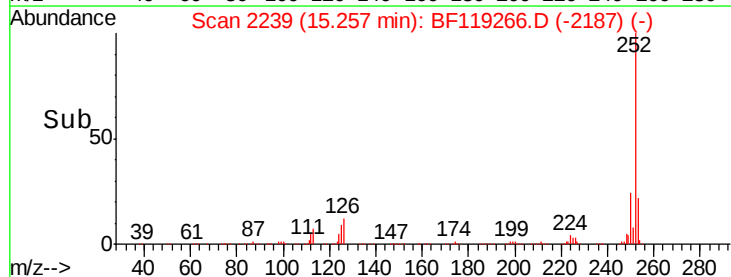
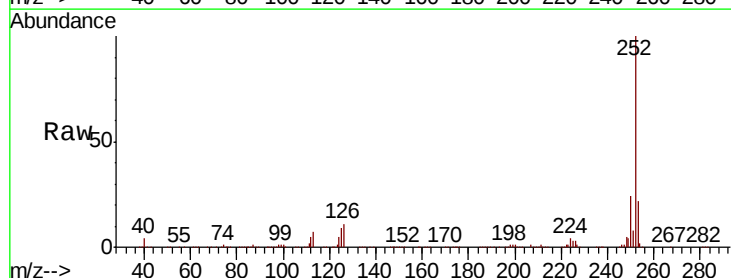
Instrument :
BNA_F
ClientSampleId :

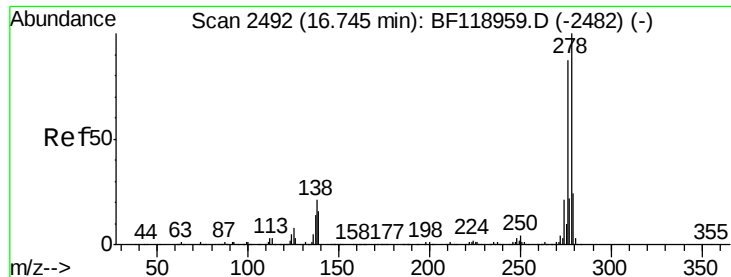
Tot Ion:252 Resp: 980163
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 8.7 7.5 11.3



#90
Benzo(a)pyrene
Concen: 42.847 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119266.D
Acq: 6 Mar 2020 23:07

Tgt Ion:252 Resp: 860969
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 9.2 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 48.361 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

Instrument :

BNA_F

ClientSampleId :

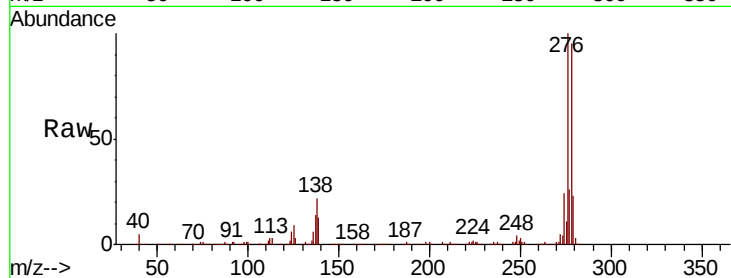
Tot Ion:278 Resp: 855044

Ion Ratio Lower Upper

278 100

139 14.0 11.0 16.4

279 23.8 18.6 28.0

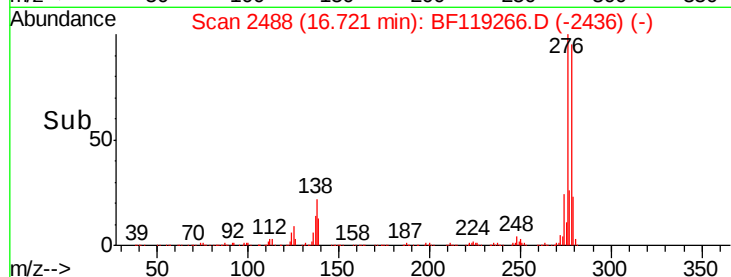


Abundance Ion 278.00 (277.70 to 278.70): E

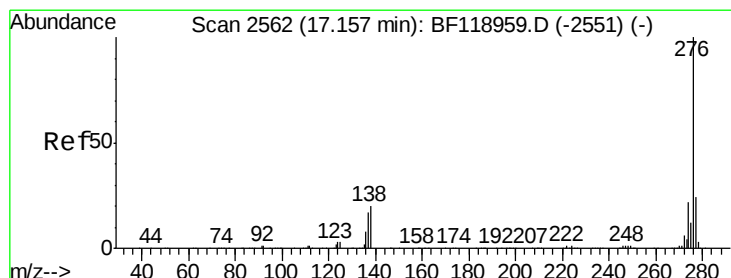
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

16.72



Time-->



#92

Benzo(g,h,i)perylene

Concen: 48.988 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.00 min

Lab File: BF119266.D

Acq: 6 Mar 2020 23:07

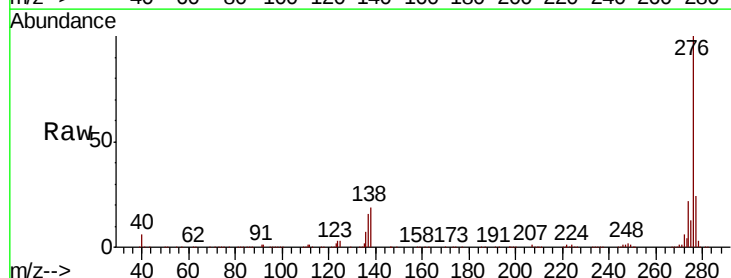
Tgt Ion:276 Resp: 855779

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 18.6 14.3 21.5

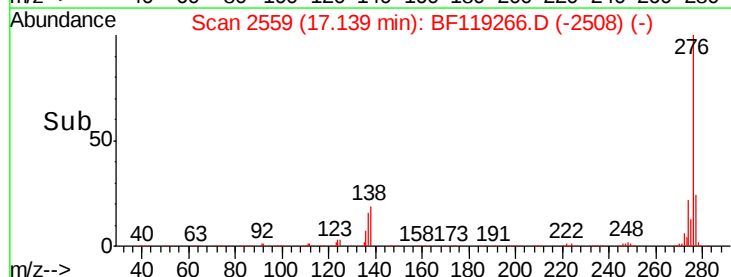


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

17.14



Time-->