

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
 Data File : BF114085.D
 Acq On : 2 May 2019 15:29
 Operator : JU/SJ
 Sample : PB119394BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119394BS

Quant Time: May 03 00:53:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	116403	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	438383	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	247067	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	504897	20.00	ng	0.00
76) Chrysene-d12	14.06	240	414345	20.00	ng	-0.01
87) Perylene-d12	15.54	264	363849	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	838478	123.20	ng	0.00
7) Phenol-d6	6.53	99	1117943	130.93	ng	0.00
23) Nitrobenzene-d5	7.45	82	589142	82.98	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	396832	131.85	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1237850	78.36	ng	-0.01
79) Terphenyl-d14	13.00	244	1608680	79.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	109336	34.081	ng	97
3) Pyridine	3.49	79	263728	30.117	ng	99
4) n-Nitrosodimethylamine	3.43	42	105995	35.360	ng	91
6) Aniline	6.55	93	329974	28.143	ng	99
8) 2-Chlorophenol	6.68	128	296414	38.148	ng	98
9) Benzaldehyde	6.43	77	156213	29.729	ng	98
10) Phenol	6.54	94	377180	36.941	ng	91
11) bis(2-Chloroethyl)ether	6.62	93	290199	37.770	ng	97
12) 1,3-Dichlorobenzene	6.83	146	320761	36.449	ng	98
13) 1,4-Dichlorobenzene	6.90	146	337308	38.108	ng	98
14) 1,2-Dichlorobenzene	7.06	146	302903	37.236	ng	98
15) Benzyl Alcohol	7.03	79	267964	46.596	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	316727	35.313	ng	94
17) 2-Methylphenol	7.15	107	248111	36.428	ng	98
18) Hexachloroethane	7.40	117	111908	36.067	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	208144	37.642	ng	96
20) 3+4-Methylphenols	7.29	107	302920	39.365	ng	# 77
22) Acetophenone	7.30	105	412323	42.266	ng	# 93
24) Nitrobenzene	7.47	77	320949	40.910	ng	99
25) Isophorone	7.71	82	593535	40.855	ng	100
26) 2-Nitrophenol	7.79	139	166674	46.570	ng	99
27) 2,4-Dimethylphenol	7.82	122	267781	45.922	ng	96
28) bis(2-Chloroethoxy)methane	7.92	93	373130	40.306	ng	99
29) 2,4-Dichlorophenol	8.03	162	283880	42.572	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	300939	40.476	ng	98
31) Naphthalene	8.19	128	861416	41.363	ng	99
32) Benzoic acid	7.96	122	183739	46.659	ng	98
33) 4-Chloroaniline	8.24	127	260462	29.558	ng	97
34) Hexachlorobutadiene	8.31	225	183409	39.571	ng	99
35) Caprolactam	8.61	113	50174	23.654	ng	90
36) 4-Chloro-3-methylphenol	8.73	107	282907	42.824	ng	97
37) 2-Methylnaphthalene	8.89	142	605755	43.134	ng	98
38) 1-Methylnaphthalene	8.99	142	575571	42.464	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	310552	38.696	ng	99

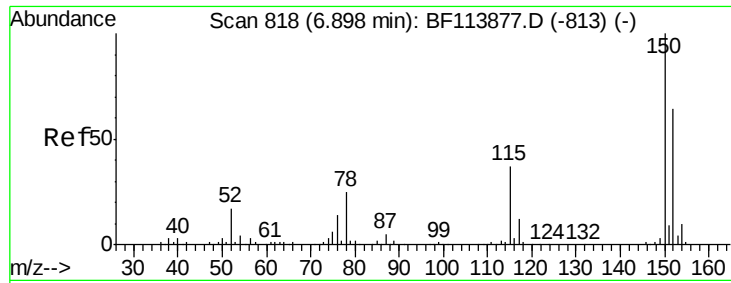
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	267489	59.769	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	219079	42.989	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	232604	40.693	ng	99
46) 1,1'-Biphenyl	9.35	154	760698	40.304	ng	98
47) 2-Chloronaphthalene	9.37	162	614991	40.068	ng	98
48) 2-Nitroaniline	9.47	65	173911	43.222	ng	90
49) Acenaphthylene	9.79	152	943389	39.261	ng	99
50) Dimethylphthalate	9.65	163	747009	41.806	ng	99
51) 2,6-Dinitrotoluene	9.71	165	168186	43.874	ng	99
52) Acenaphthene	9.96	154	567887	39.990	ng	97
53) 3-Nitroaniline	9.87	138	124564	30.923	ng	97
54) 2,4-Dinitrophenol	9.99	184	169835	100.071	ng	# 1
55) Dibenzofuran	10.13	168	877904	41.271	ng	97
56) 4-Nitrophenol	10.05	139	266812	83.654	ng	97
57) 2,4-Dinitrotoluene	10.12	165	224821	46.464	ng	98
58) Fluorene	10.48	166	671906	41.955	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	203389	40.489	ng	98
60) Diethylphthalate	10.35	149	726726	42.829	ng	98
61) 4-Chlorophenyl-phenylether	10.47	204	356927	42.084	ng	97
62) 4-Nitroaniline	10.49	138	167193	42.532	ng	99
63) Azobenzene	10.63	77	665480	40.466	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	112869	48.655	ng	99
66) n-Nitrosodiphenylamine	10.59	169	609546	40.235	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	233700	38.315	ng	97
68) Hexachlorobenzene	11.03	284	257348	38.395	ng	95
69) Atrazine	11.11	200	200535	40.691	ng	98
70) Pentachlorophenol	11.22	266	285171	75.146	ng	97
71) Phenanthrene	11.44	178	1019628	40.184	ng	99
72) Anthracene	11.49	178	1052206	41.064	ng	99
73) Carbazole	11.65	167	947016	41.427	ng	99
74) Di-n-butylphthalate	11.97	149	1156704	43.015	ng	100
75) Fluoranthene	12.63	202	1119615	40.443	ng	98
77) Benzidine	12.74	184	386523	31.308	ng	97
78) Pyrene	12.86	202	1124872	38.821	ng	99
80) Butylbenzylphthalate	13.47	149	506386	44.418	ng	93
81) Benzo(a)anthracene	14.04	228	1037189	42.486	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	369037	41.243	ng	# 98
83) Chrysene	14.09	228	1025880	43.149	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	712037	49.089	ng	100
85) Di-n-octyl phthalate	14.64	149	1192281	52.515	ng	98
86) Indeno(1,2,3-cd)pyrene	17.04	276	1024387	45.486	ng	98
88) Benzo(b)fluoranthene	15.11	252	1075352	46.713	ng	99
89) Benzo(k)fluoranthene	15.14	252	1010675	51.040	ng	99
90) Benzo(a)pyrene	15.48	252	992880	49.864	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	867378	46.405	ng	99
92) Benzo(g,h,i)perylene	17.50	276	825941	43.787	ng	98

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

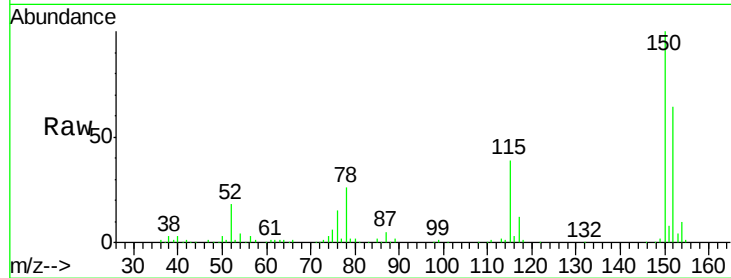


#1

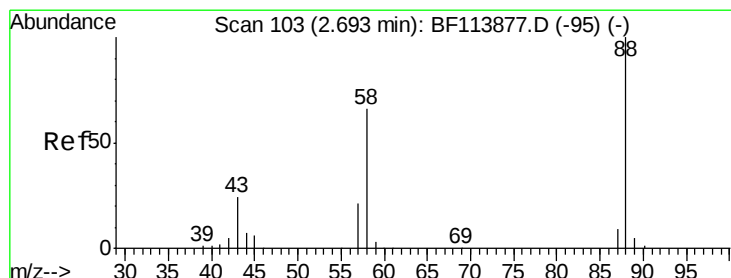
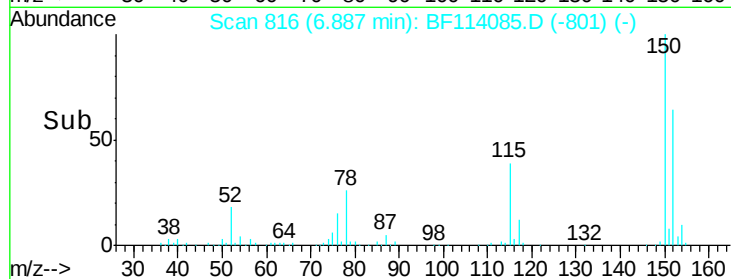
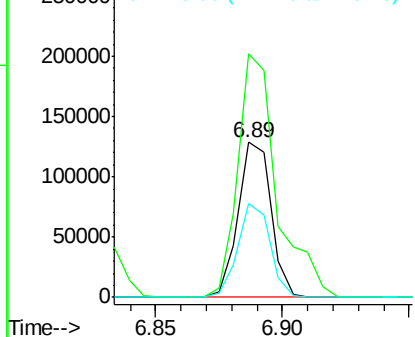
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Tot Ion:152 Resp: 116403
Ion Ratio Lower Upper
152 100
150 157.0 125.9 188.9
115 60.5 45.9 68.9



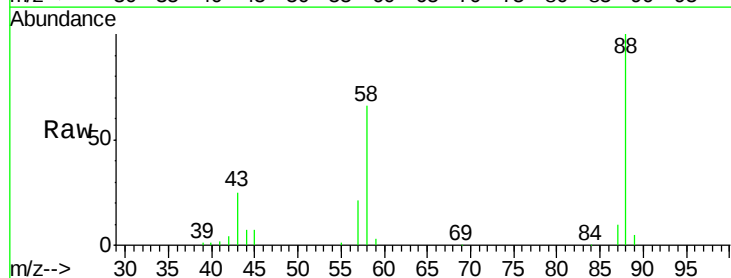
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



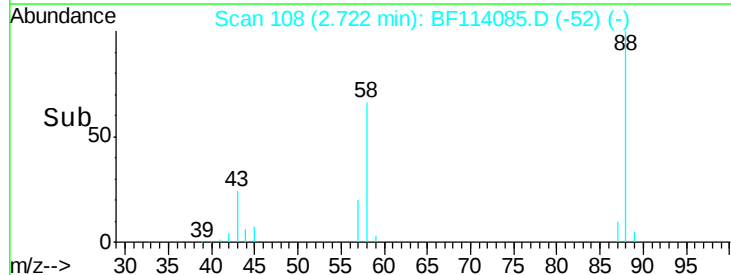
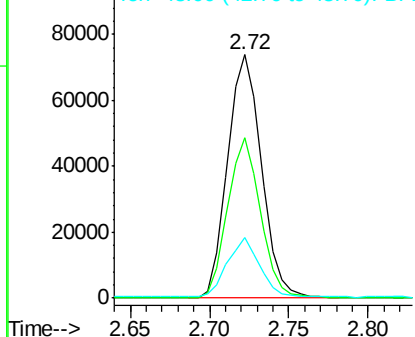
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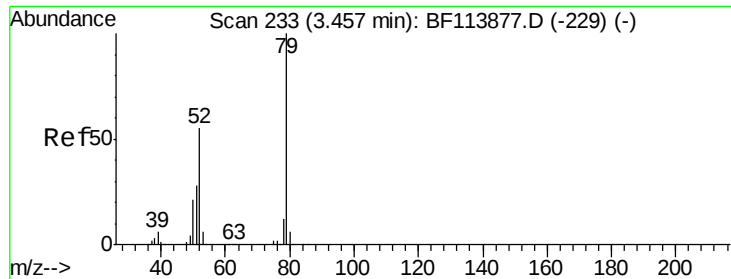
1,4-Dioxane
Concen: 34.081 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.03 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion: 88 Resp: 109336
Ion Ratio Lower Upper
88 100
58 64.0 53.3 79.9
43 23.4 19.0 28.4



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





#3

Pvridine

Concen: 30.117 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.04 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

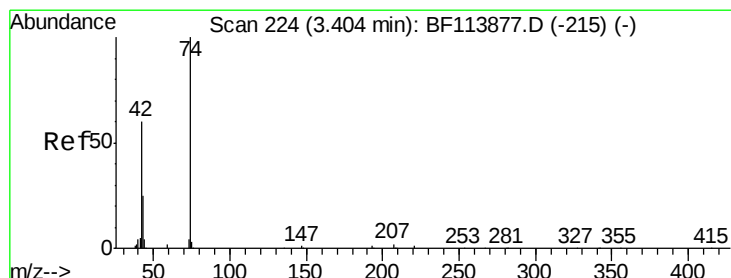
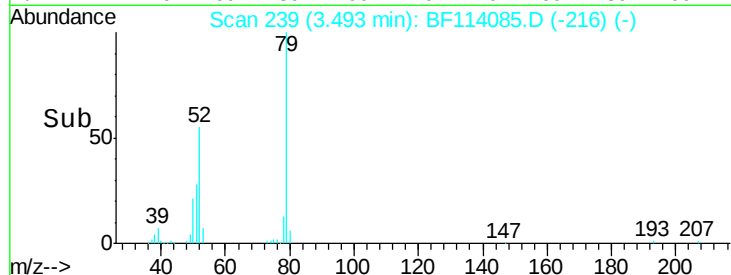
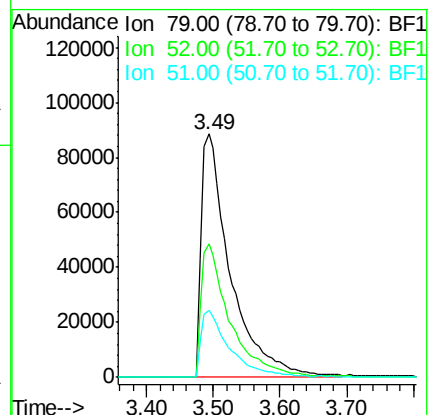
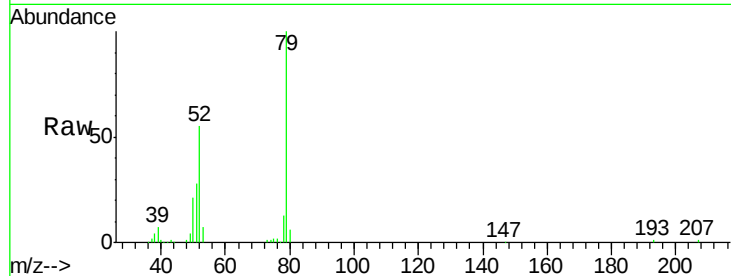
Tot Ion: 79 Resp: 263728

Ion Ratio Lower Upper

79 100

52 55.1 45.3 67.9

51 27.8 22.1 33.1



#4

n-Nitrosodimethylamine

Concen: 35.360 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.02 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

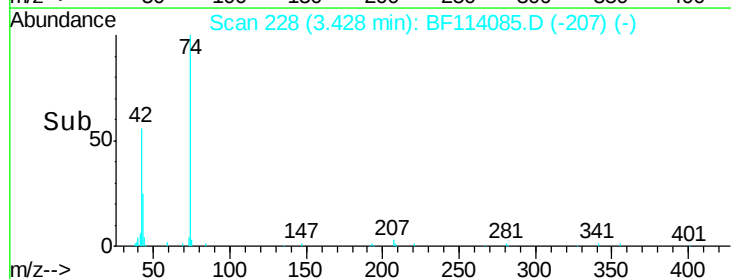
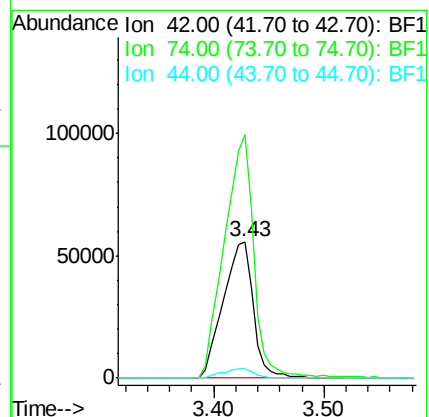
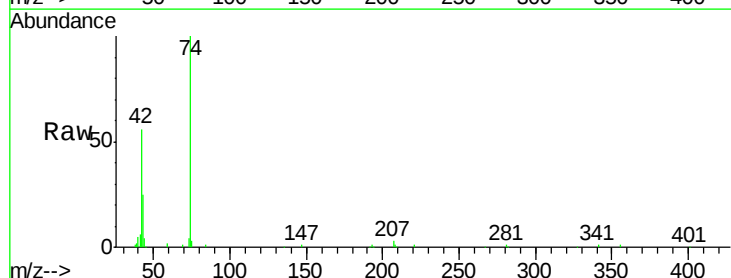
Tgt Ion: 42 Resp: 105995

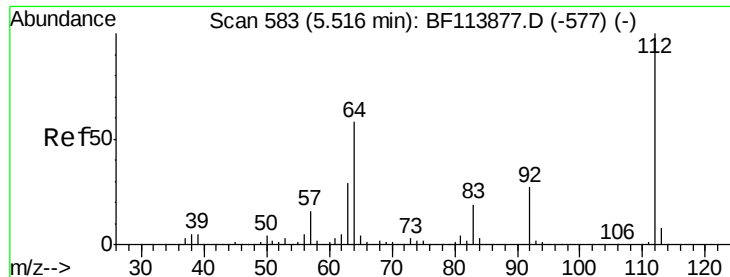
Ion Ratio Lower Upper

42 100

74 178.7 132.6 198.8

44 6.7 5.8 8.8





#5

2-Fluorophenol

Concen: 123.201 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

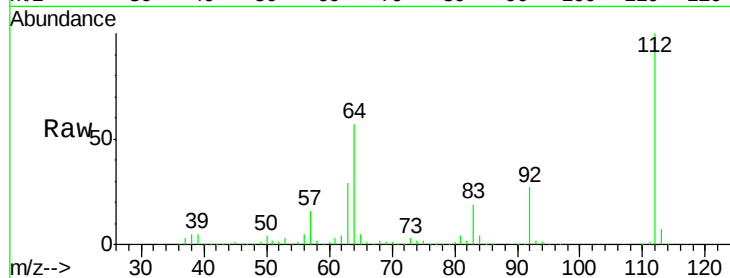
Tot Ion: 112 Resp: 838478

Ion Ratio Lower Upper

112 100

64 57.2 46.6 69.8

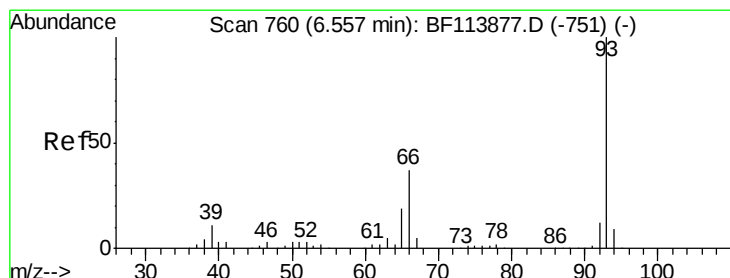
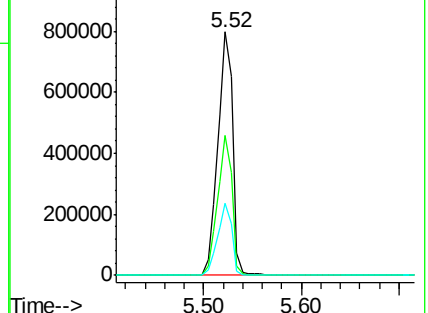
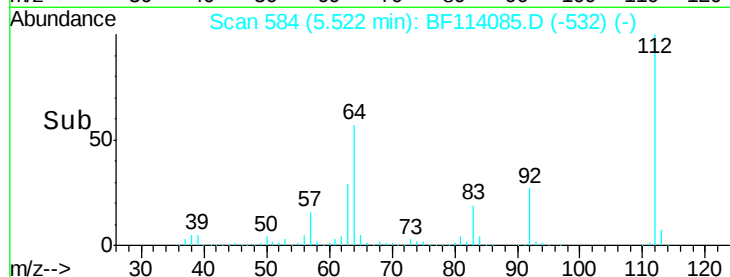
63 29.4 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.143 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

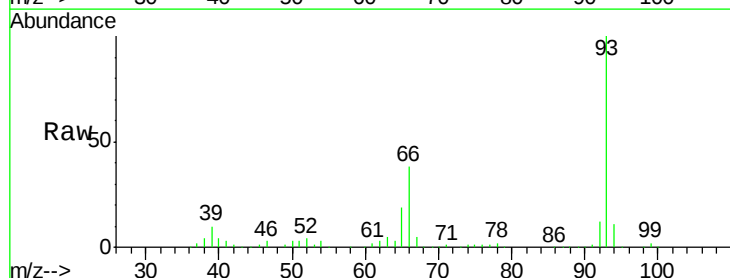
Tgt Ion: 93 Resp: 329974

Ion Ratio Lower Upper

93 100

66 37.9 29.8 44.6

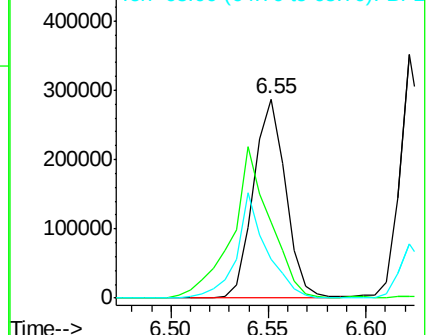
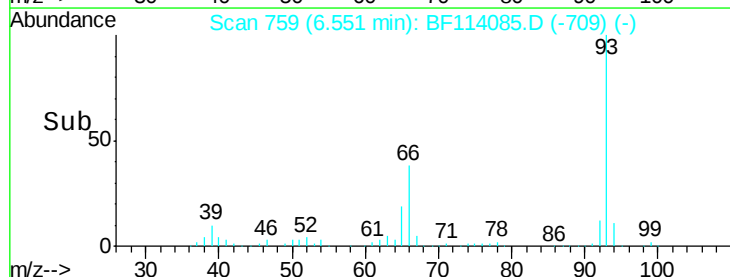
65 19.5 14.9 22.3

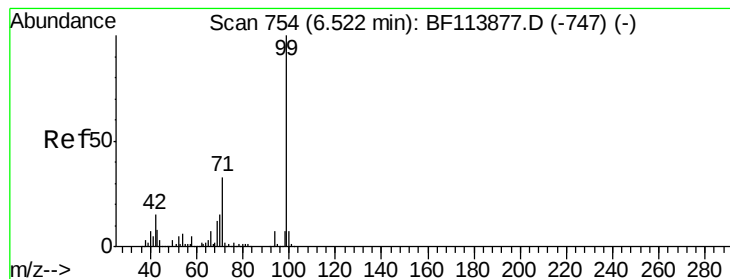


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.927 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

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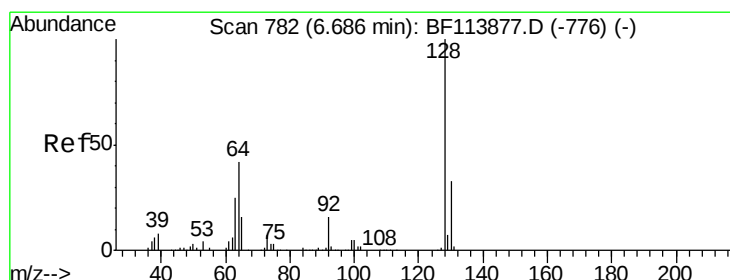
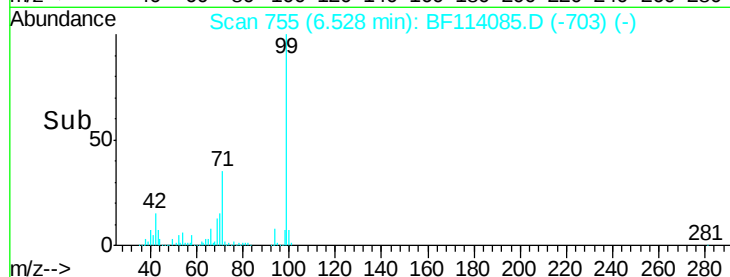
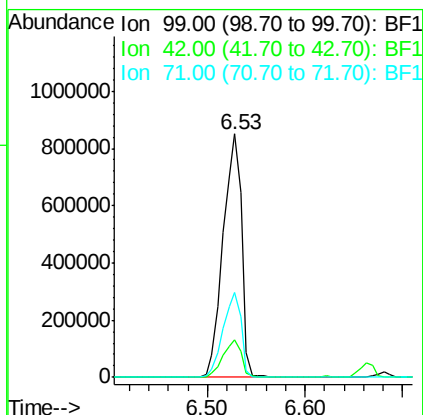
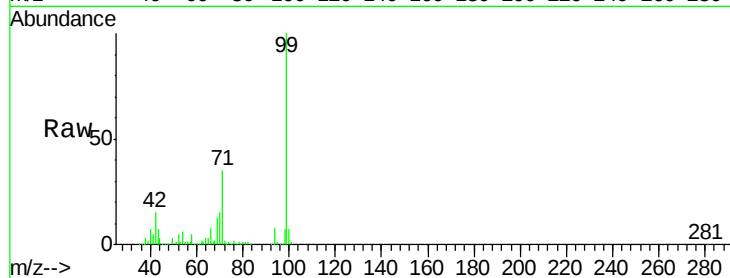
Tot Ion: 99 Resp: 1117943

Ion Ratio Lower Upper

99 100

42 15.4 12.5 18.7

71 35.0 26.9 40.3



#8

2-Chlorophenol

Concen: 38.148 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

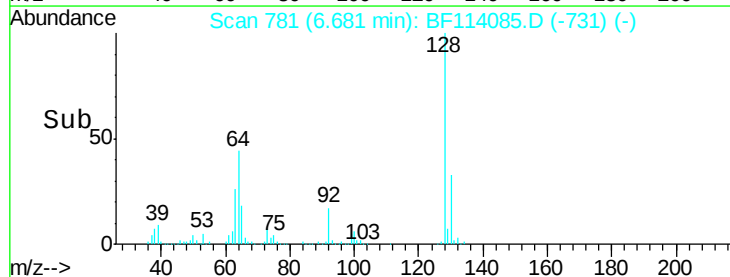
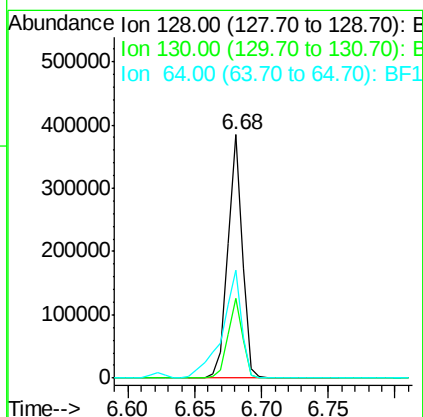
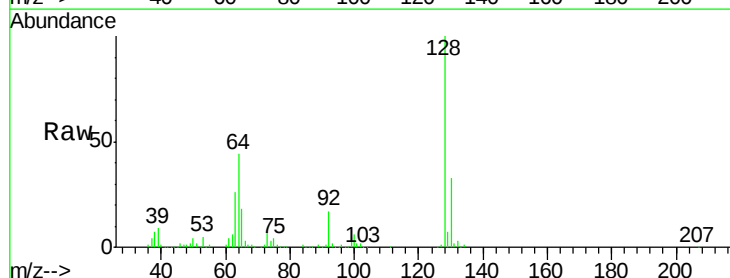
Tgt Ion: 128 Resp: 296414

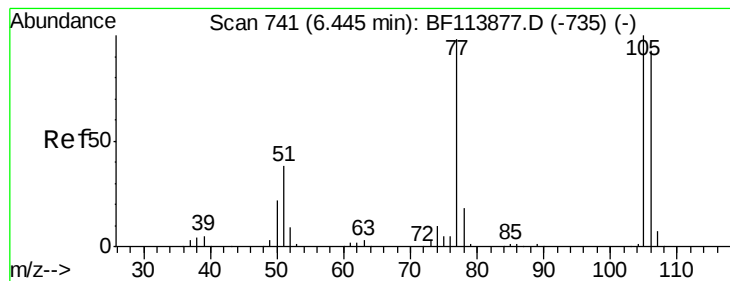
Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

64 44.2 26.1 66.1





#9

Benzaldehyde

Concen: 29.729 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

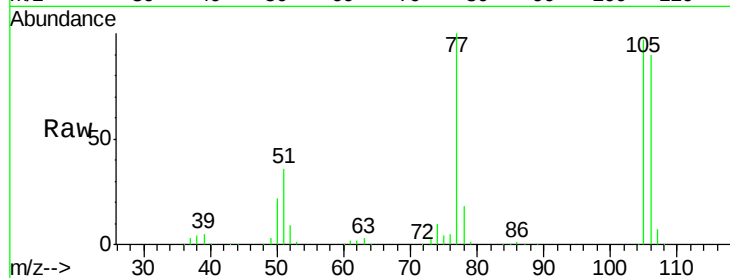
Tot Ion: 77 Resp: 156213

Ion Ratio Lower Upper

77 100

105 97.4 74.1 114.1

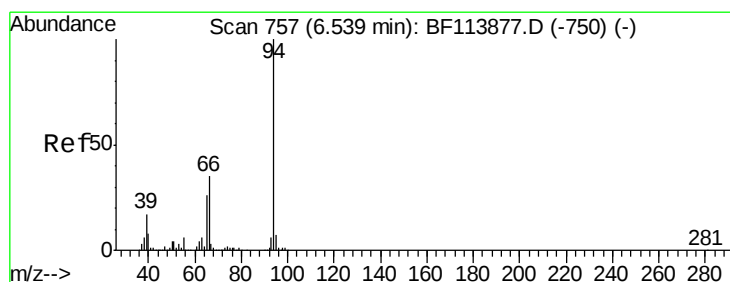
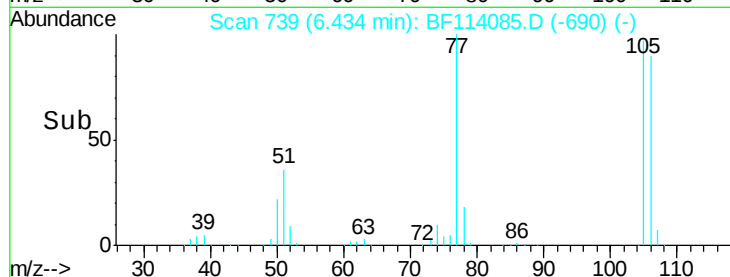
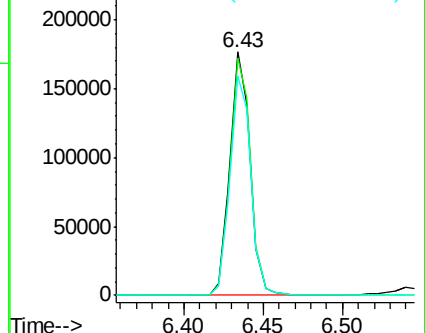
106 89.9 70.3 110.3



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: 36.941 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

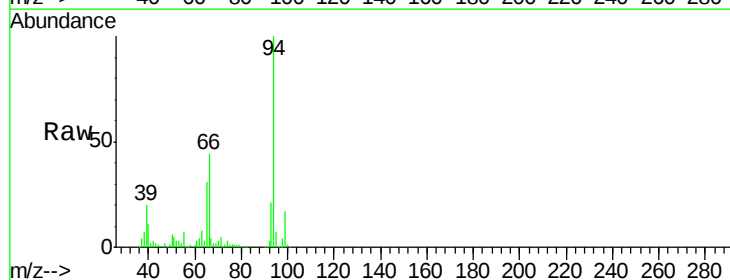
Tgt Ion: 94 Resp: 377180

Ion Ratio Lower Upper

94 100

65 30.6 8.1 48.1

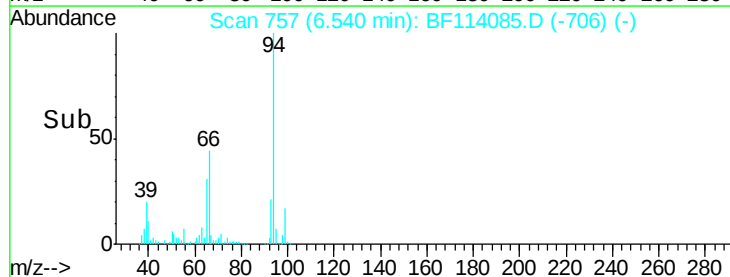
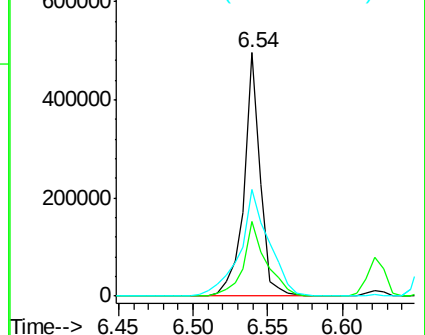
66 43.9 16.6 56.6

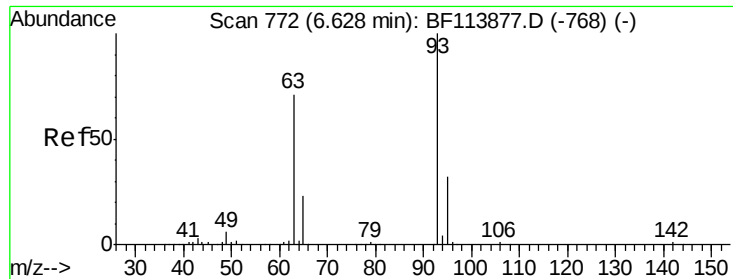


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

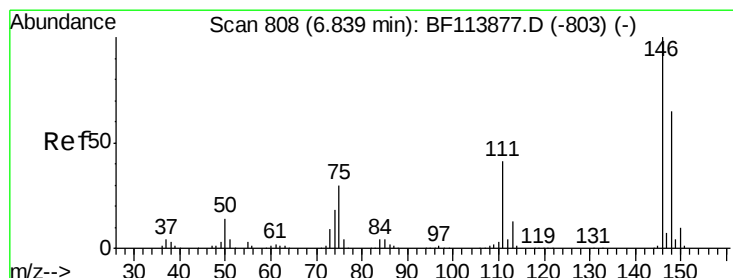
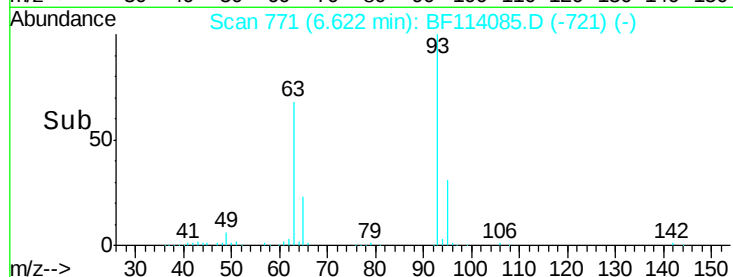
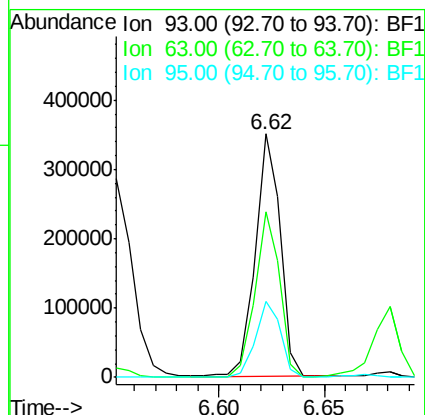
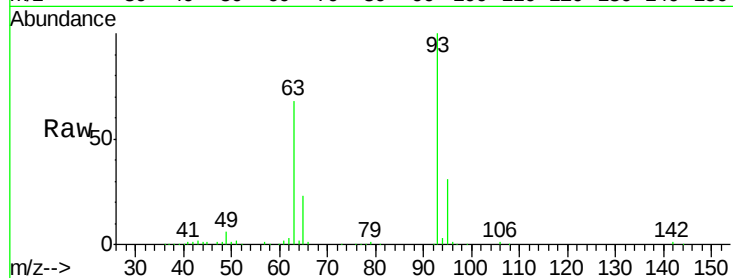




#11
bis(2-Chloroethyl)ether
Concen: 37.770 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

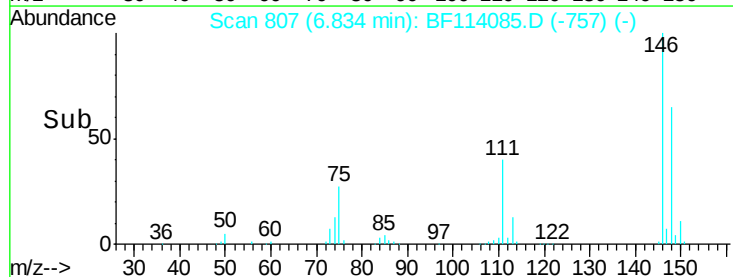
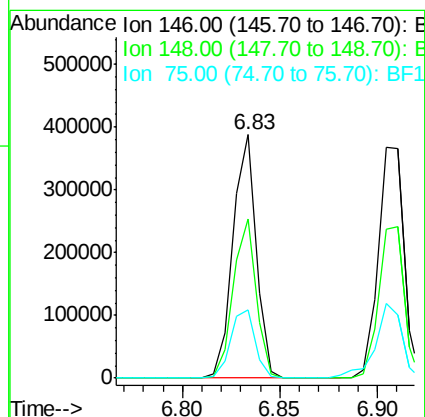
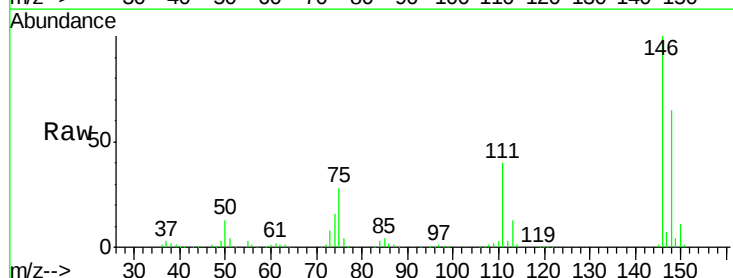
Instrument :
BNA_F
ClientSampleId :
PB119394BS

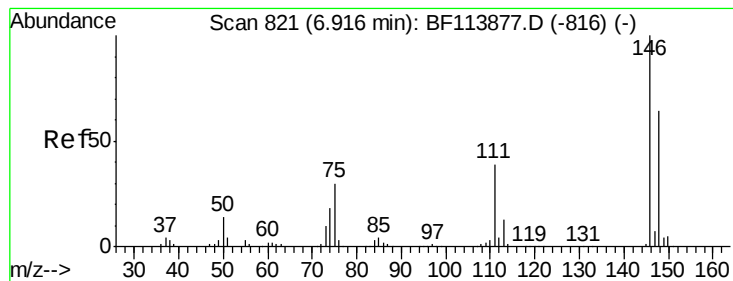
Tot Ion: 93 Resp: 290199
Ion Ratio Lower Upper
93 100
63 67.9 50.7 90.7
95 31.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 36.449 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion: 146 Resp: 320761
Ion Ratio Lower Upper
146 100
148 65.3 51.0 76.6
75 28.2 23.8 35.8





#13

1,4-Dichlorobenzene

Concen: 38.108 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

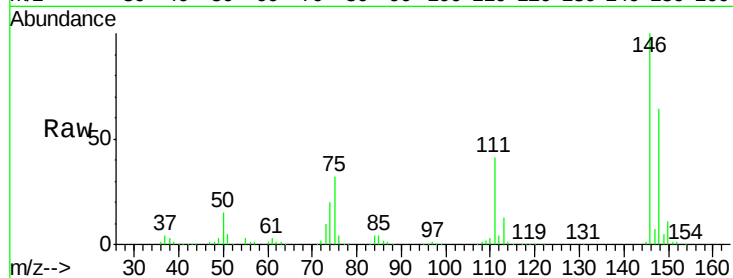
Tot Ion:146 Resp: 337308

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

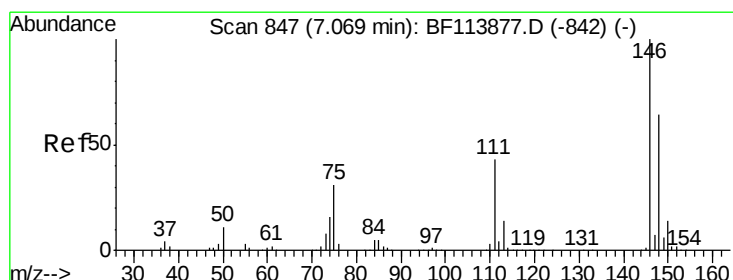
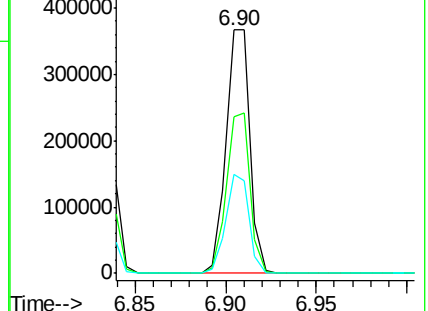
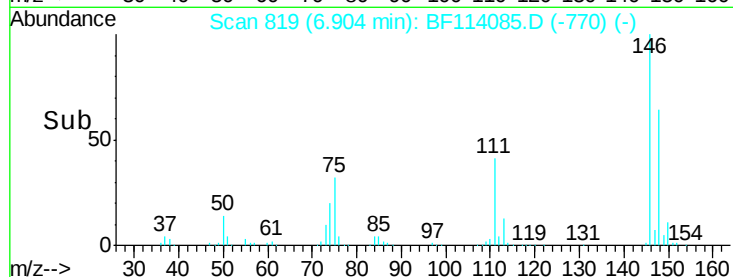
111 40.8 30.9 46.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.236 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

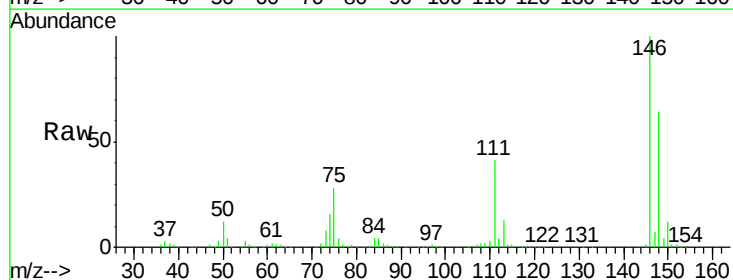
Tgt Ion:146 Resp: 302903

Ion Ratio Lower Upper

146 100

148 64.2 52.1 78.1

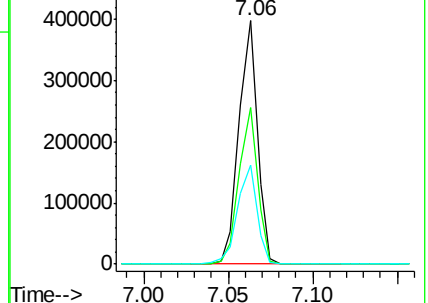
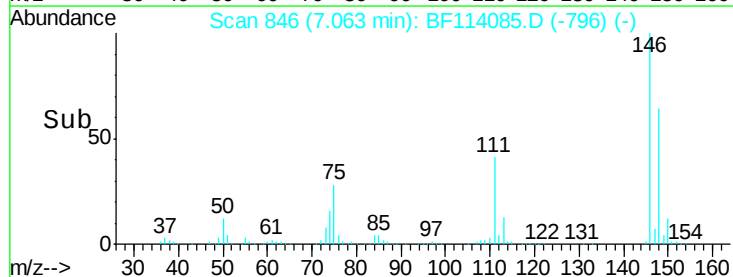
111 40.8 34.2 51.4

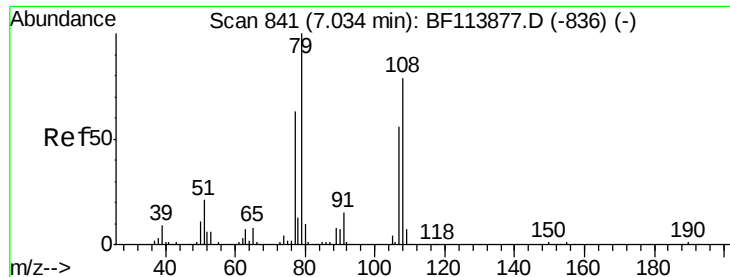


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.596 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

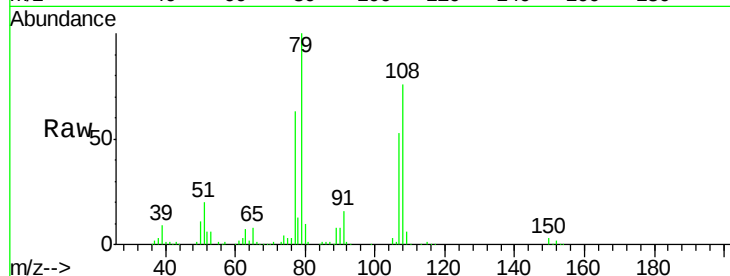
Tot Ion: 79 Resp: 267964

Ion Ratio Lower Upper

79 100

108 75.7 61.4 92.0

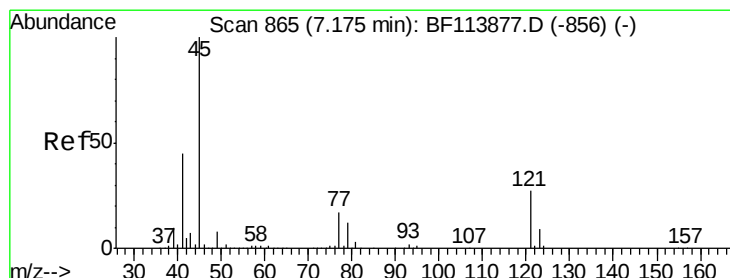
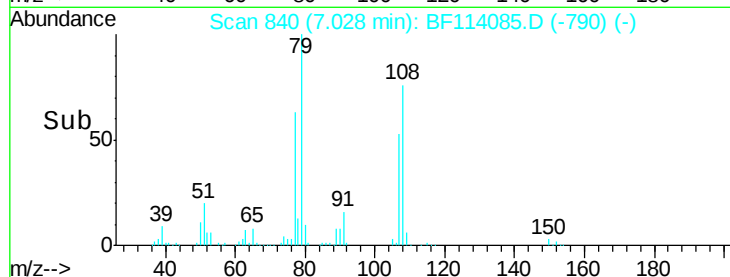
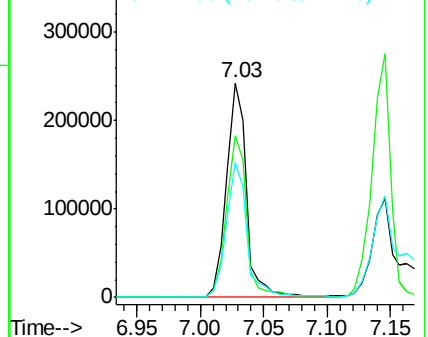
77 63.1 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.313 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

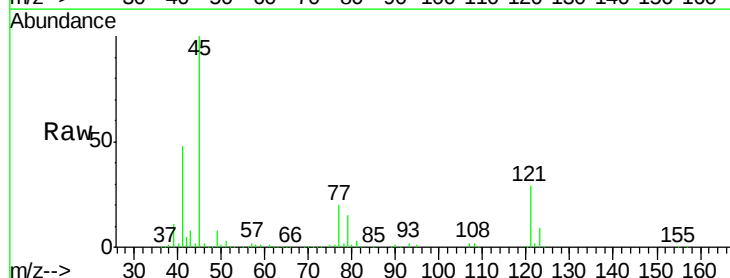
Tgt Ion: 45 Resp: 316727

Ion Ratio Lower Upper

45 100

77 19.5 0.0 37.0

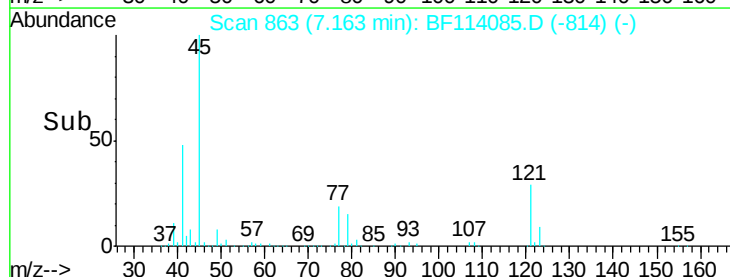
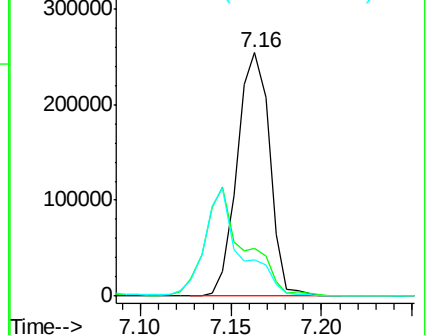
79 15.1 0.0 32.7

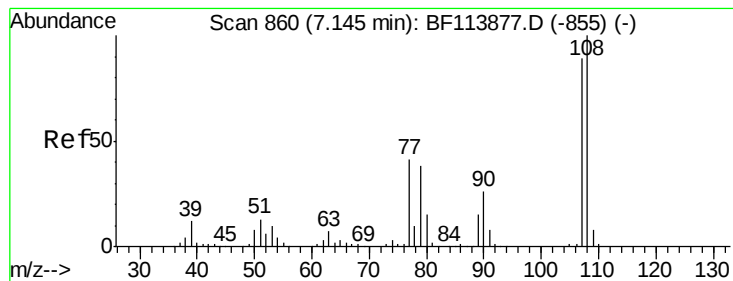


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

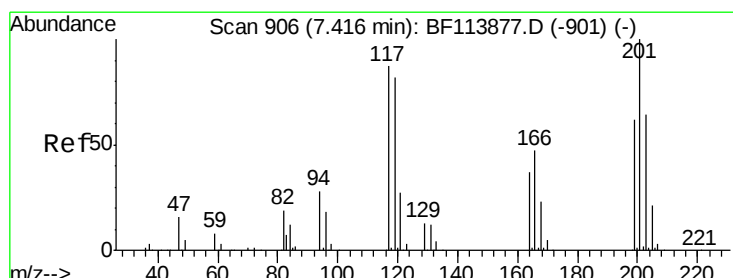
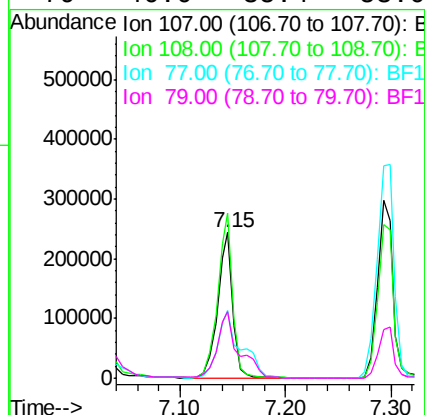
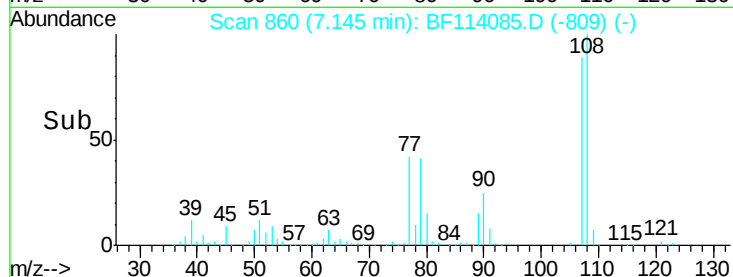
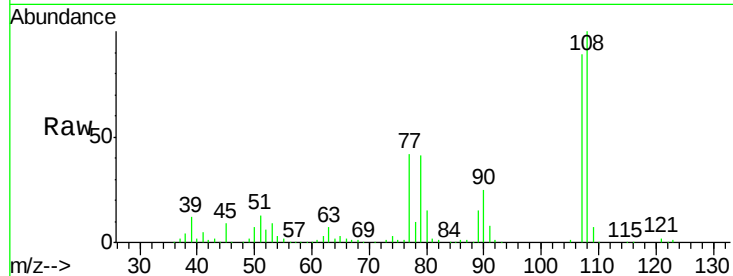




#17
2-Methylphenol
Concen: 36.428 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

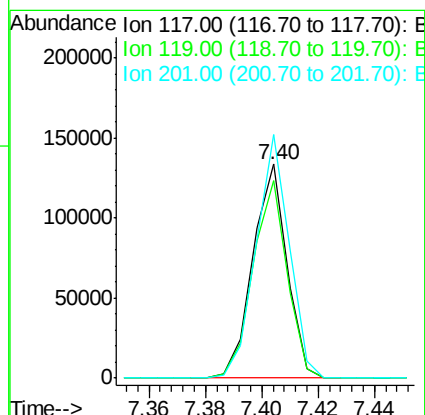
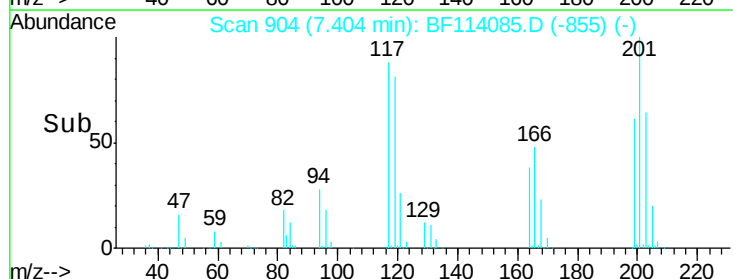
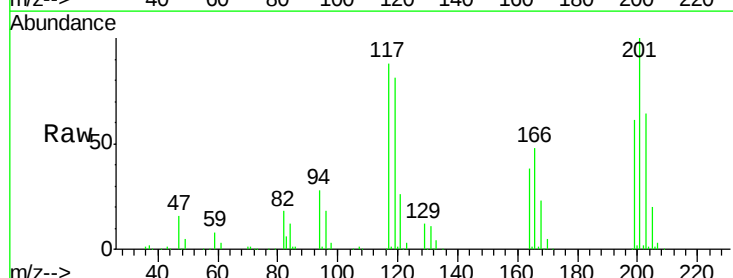
Instrument :
BNA_F
ClientSampleId :
PB119394BS

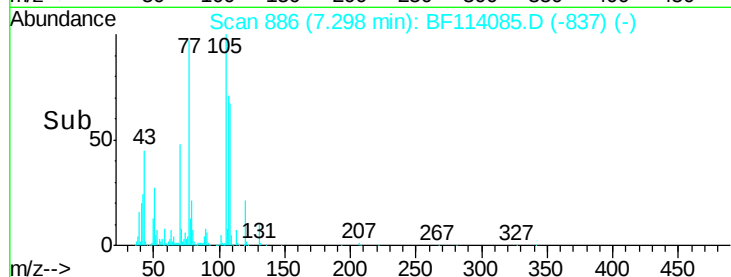
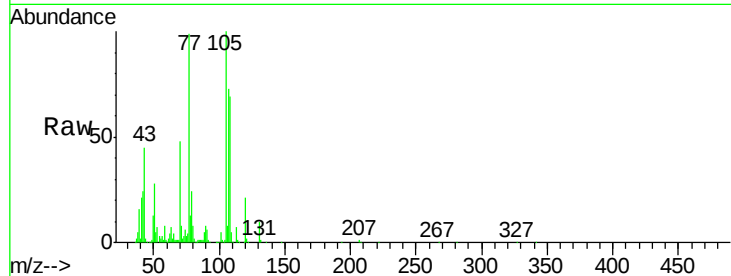
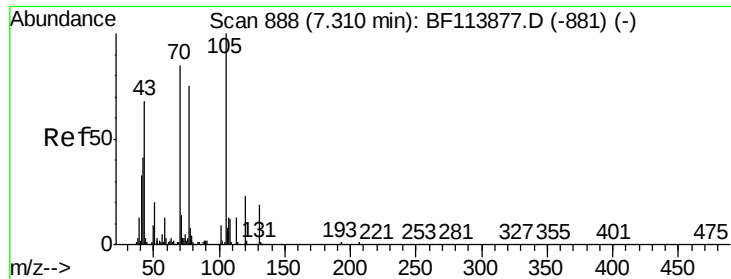
Tot Ion:	107	Resp:	248111
Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.5	137.3
77	46.9	36.2	54.4
79	46.0	35.4	53.0



#18
Hexachloroethane
Concen: 36.067 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion:	117	Resp:	111908
Ion	Ratio	Lower	Upper
117	100		
119	92.2	74.4	111.6
201	113.9	90.2	135.2

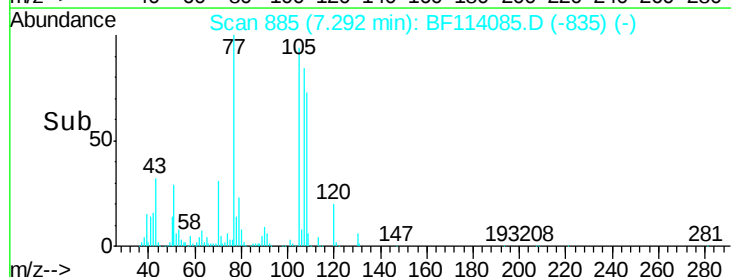
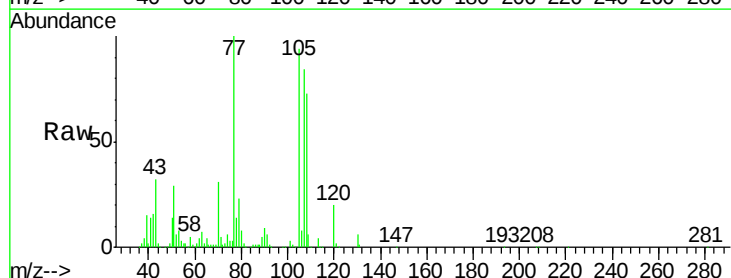
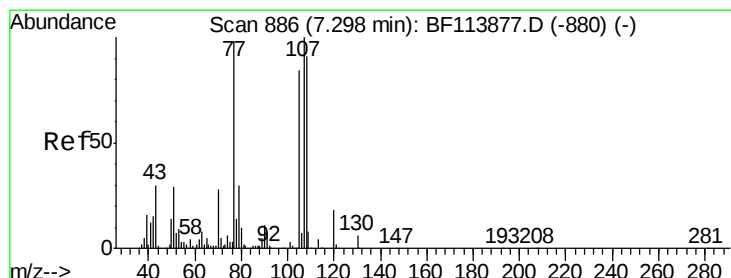
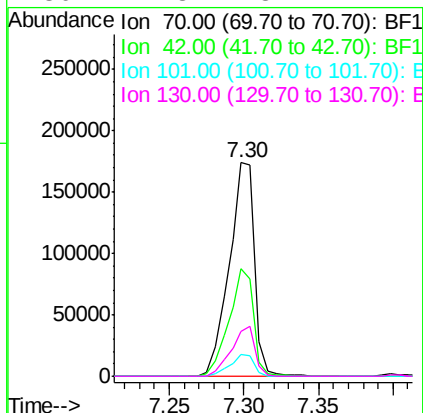




#19
n-Nitroso-di-n-propylamine
Concen: 37.642 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

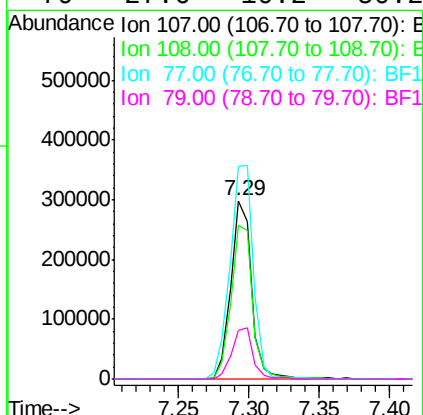
Instrument :
BNA_F
ClientSampleId :
PB119394BS

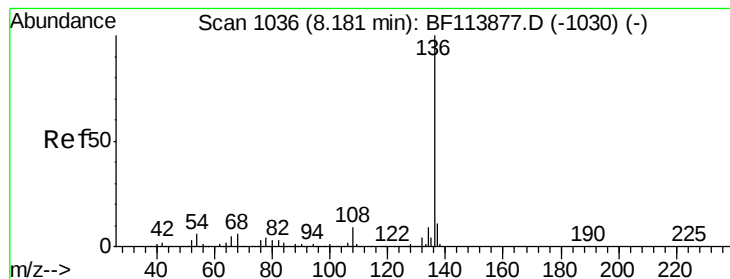
Tot Ion:	70	Resp:	208144
Ion	Ratio	Lower	Upper
70	100		
42	50.1	37.3	55.9
101	9.9	7.8	11.8
130	21.3	18.2	27.2



#20
3+4-Methylphenols
Concen: 39.365 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion:	107	Resp:	302920
Ion	Ratio	Lower	Upper
107	100		
108	86.5	70.1	110.1
77	119.1	52.9	92.9#
79	27.6	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

Tot Ion:136 Resp: 438383

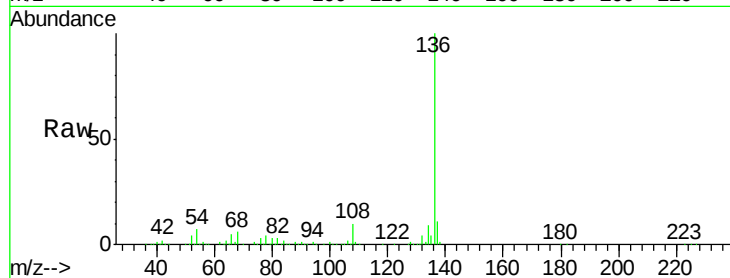
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 6.7 5.0 7.6

68 6.2 4.9 7.3

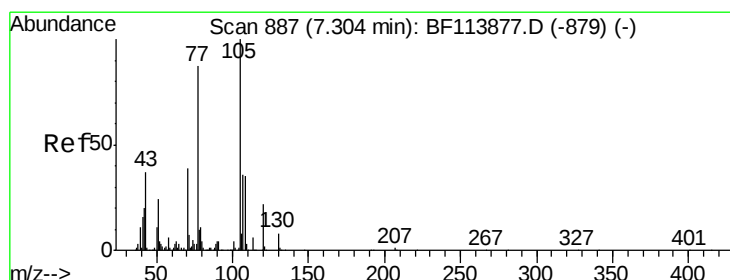
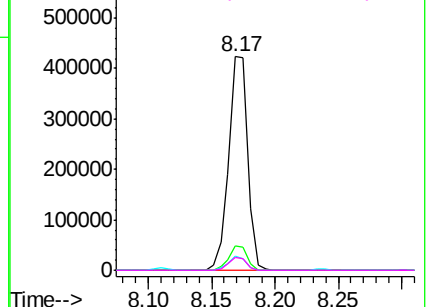
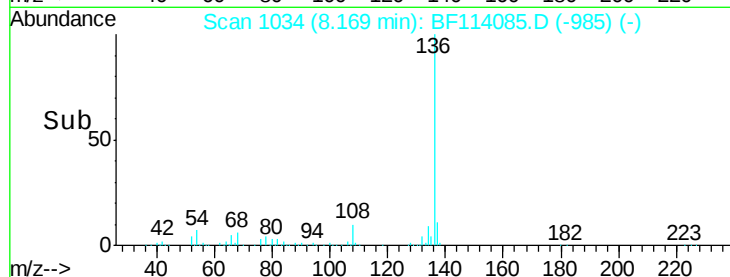


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.266 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Tgt Ion:105 Resp: 412323

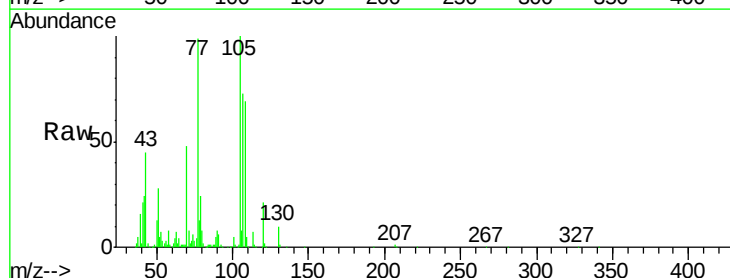
Ion Ratio Lower Upper

105 100

71 8.2 6.1 9.1

51 27.7 16.8 25.2#

120 21.4 17.6 26.4

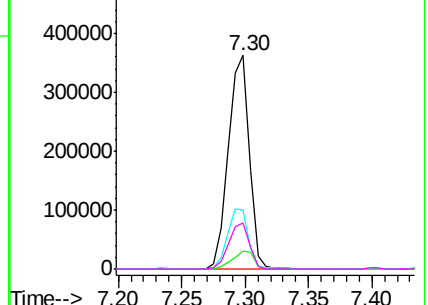
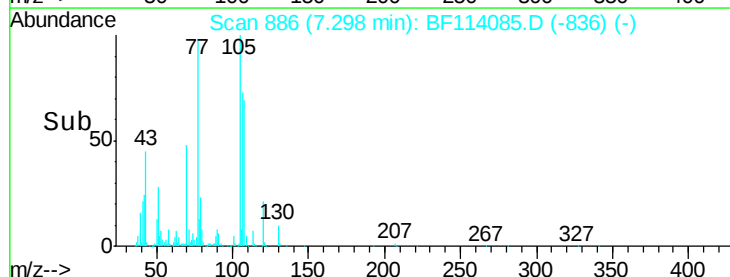


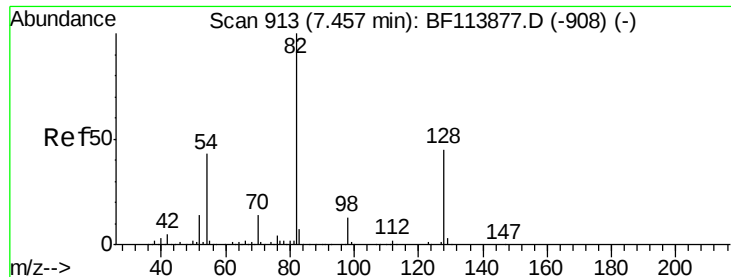
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

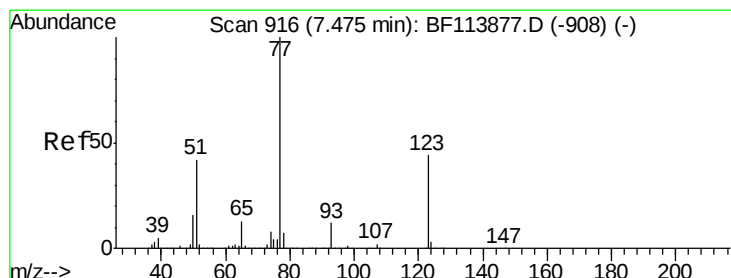
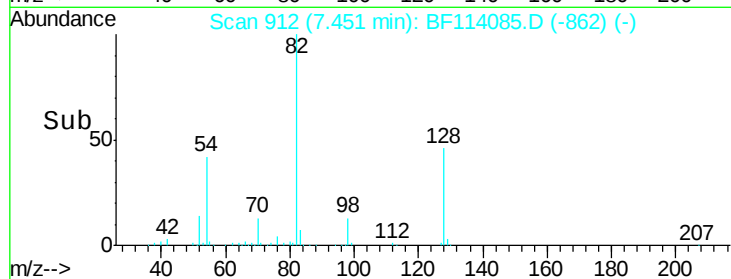
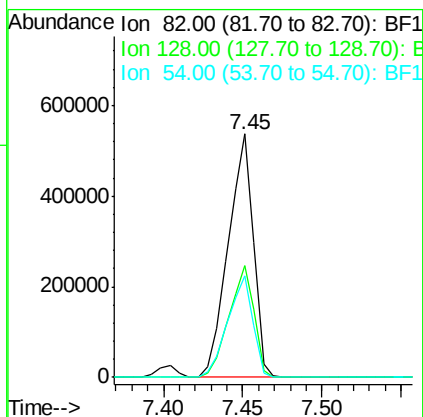
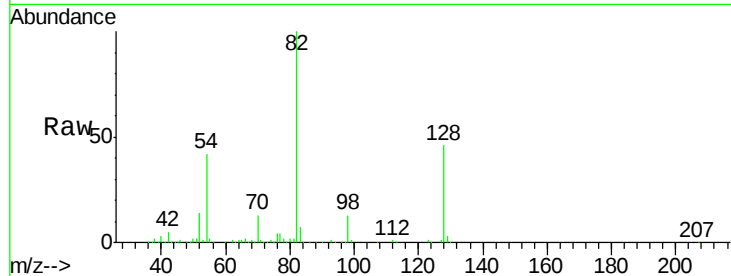




#23
 Nitrobenzene-d5
 Concen: 82.978 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

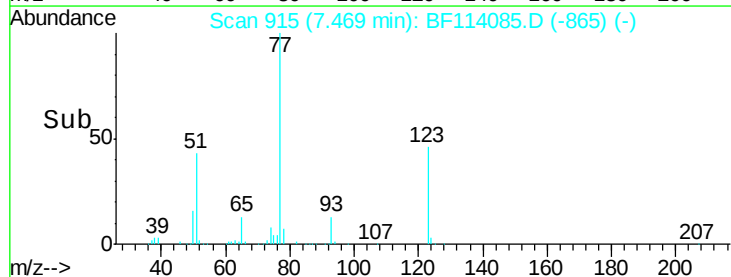
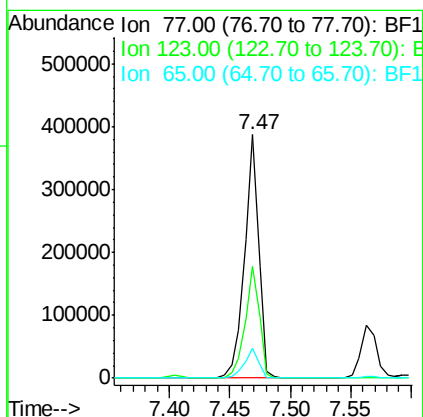
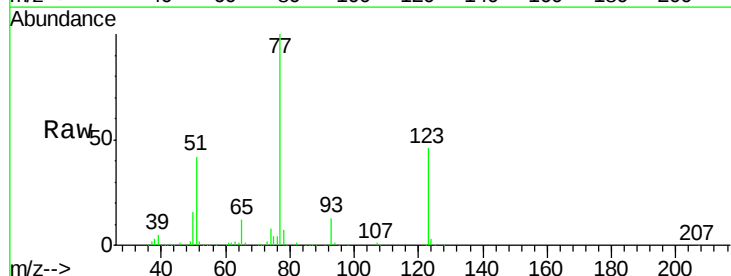
Instrument :
 BNA_F
 ClientSampleId :
 PB119394BS

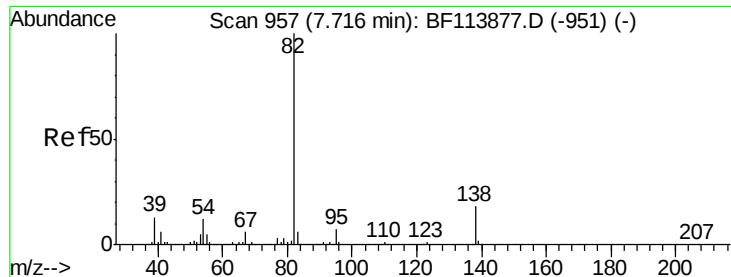
Tot Ion	82	Resp	589142
Ion Ratio	Lower	Upper	
82	100		
128	45.8	36.8	55.2
54	42.0	33.8	50.6



#24
 Nitrobenzene
 Concen: 40.910 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Tgt Ion	77	Resp	320949
Ion Ratio	Lower	Upper	
77	100		
123	46.1	36.3	54.5
65	12.3	10.3	15.5





#25

Isophorone

Concen: 40.855 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

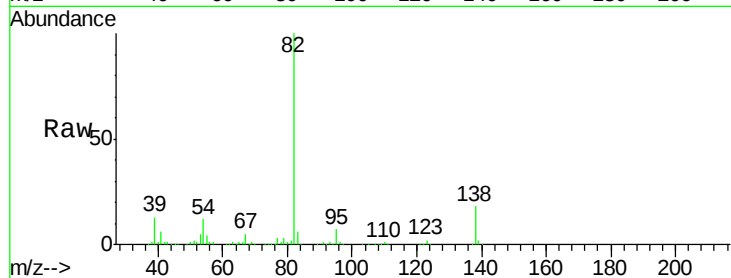
Tot Ion: 82 Resp: 593535

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

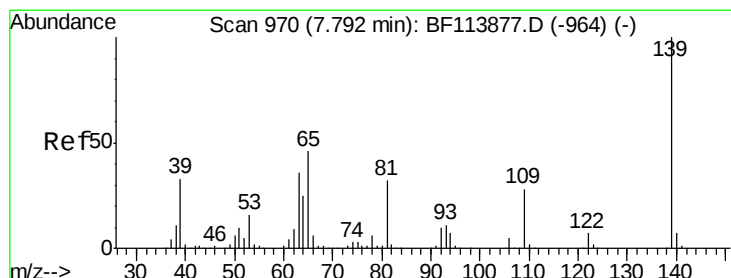
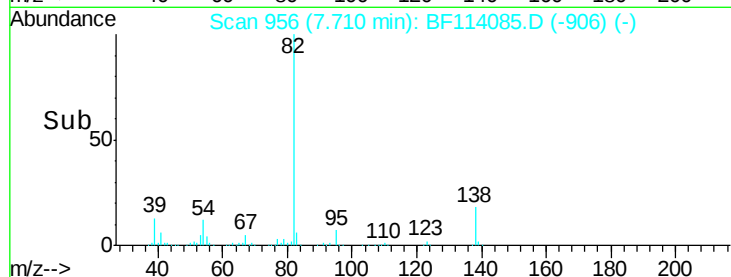
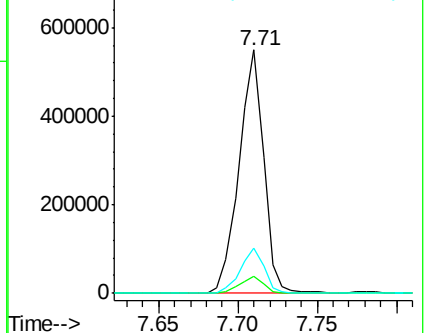
138 18.3 14.6 22.0



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: 46.570 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

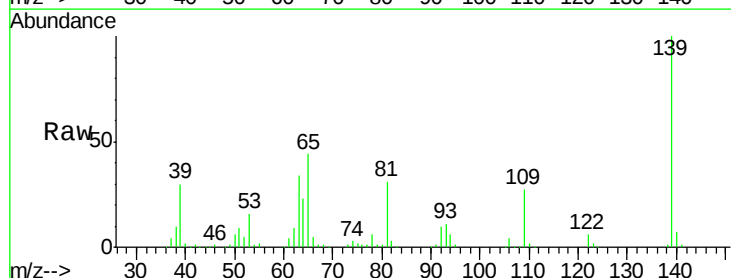
Tgt Ion: 139 Resp: 166674

Ion Ratio Lower Upper

139 100

109 26.7 20.6 31.0

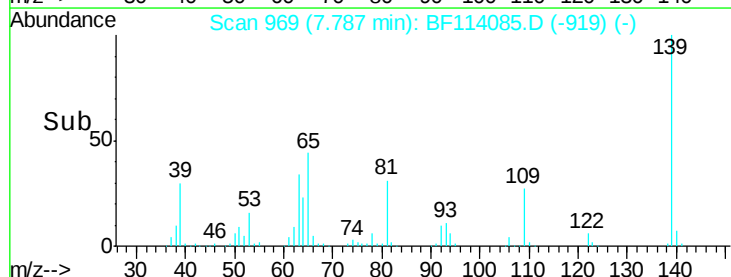
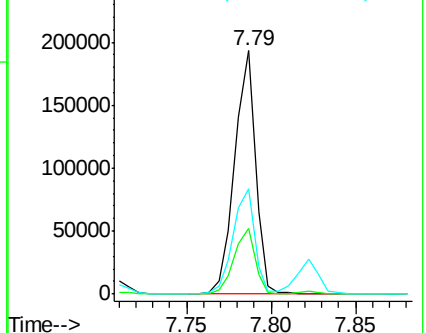
65 43.5 34.6 52.0

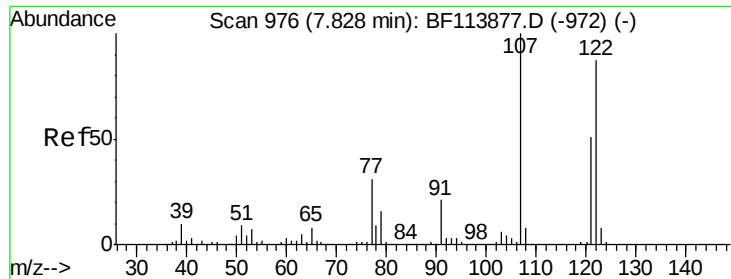


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 45.922 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

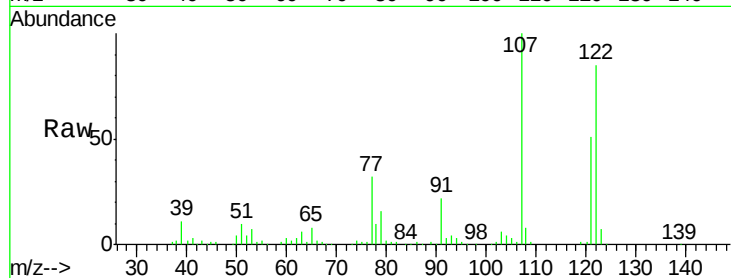
Tot Ion:122 Resp: 267781

Ion Ratio Lower Upper

122 100

107 118.0 91.2 136.8

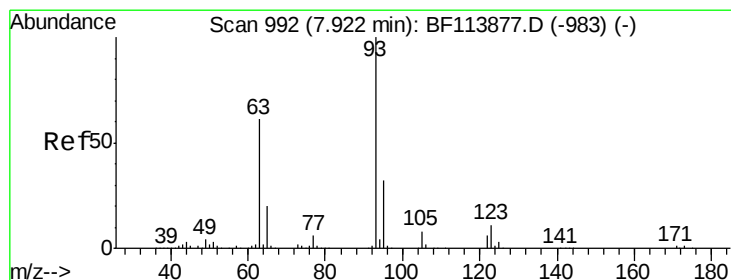
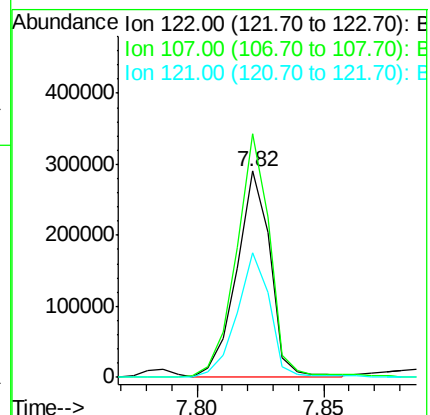
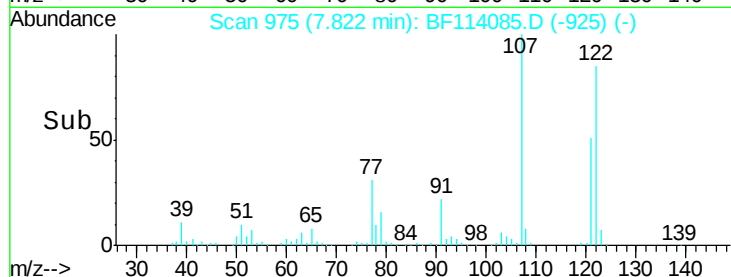
121 60.4 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.306 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

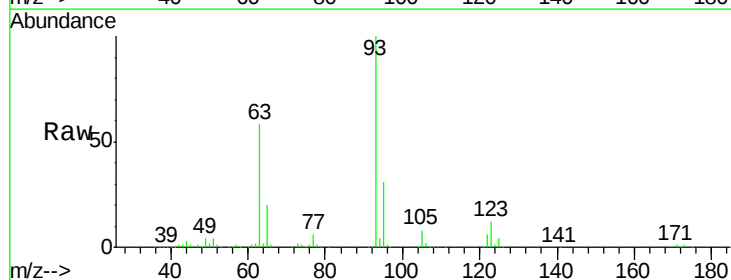
Tgt Ion: 93 Resp: 373130

Ion Ratio Lower Upper

93 100

95 31.3 25.8 38.6

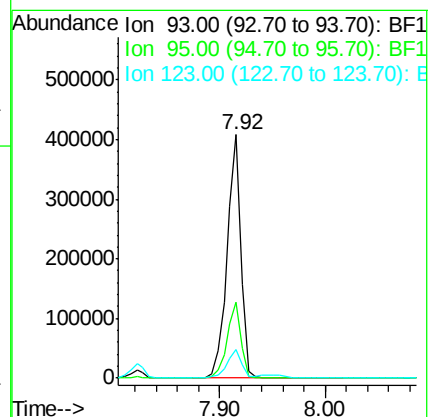
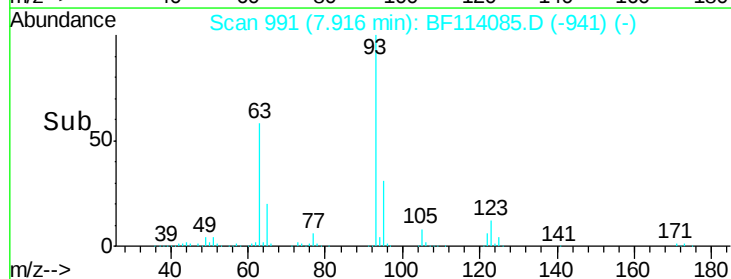
123 11.5 9.0 13.6

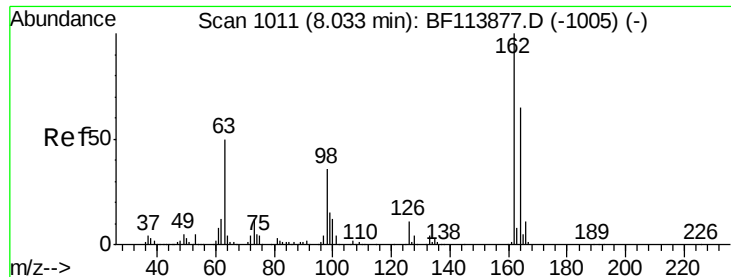


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

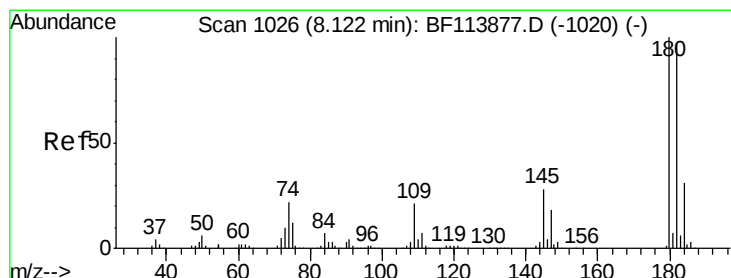
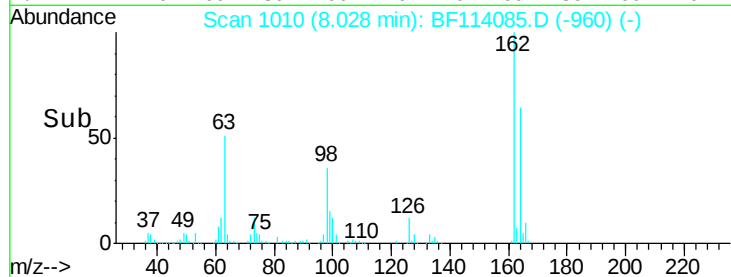
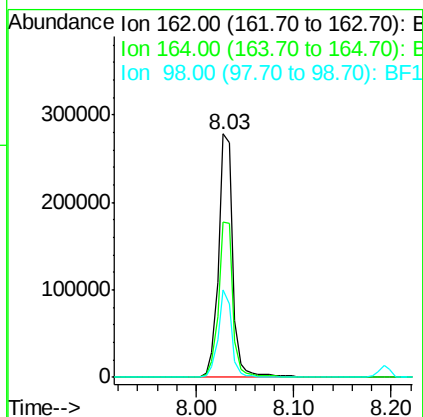
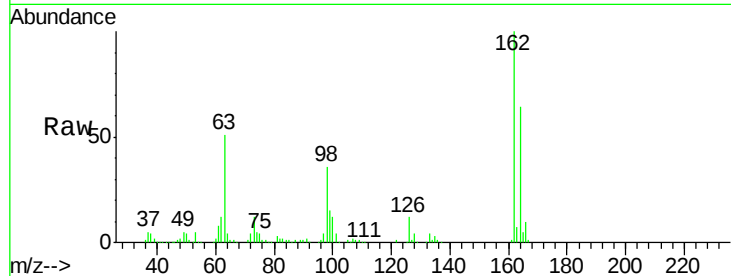




#29
2,4-Dichlorophenol
Concen: 42.572 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

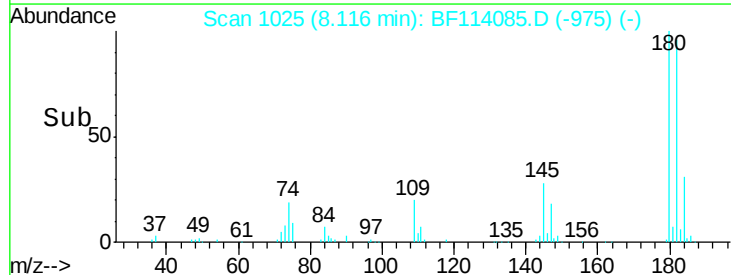
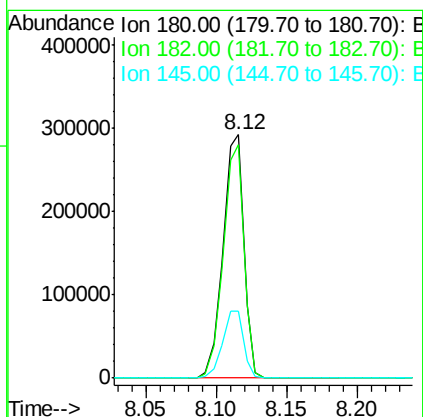
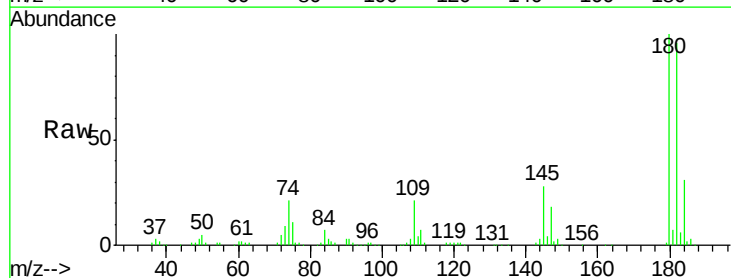
Instrument :
BNA_F
ClientSampleId :
PB119394BS

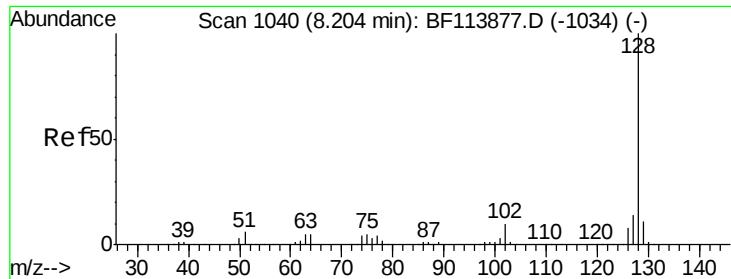
Tot Ion:162 Resp: 283880
Ion Ratio Lower Upper
162 100
164 63.8 43.7 83.7
98 35.7 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 40.476 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion:180 Resp: 300939
Ion Ratio Lower Upper
180 100
182 95.8 75.4 113.0
145 27.8 23.0 34.4

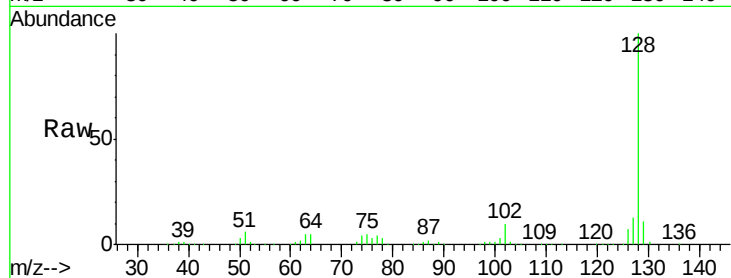




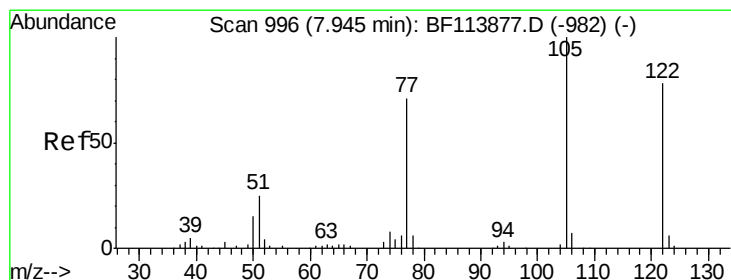
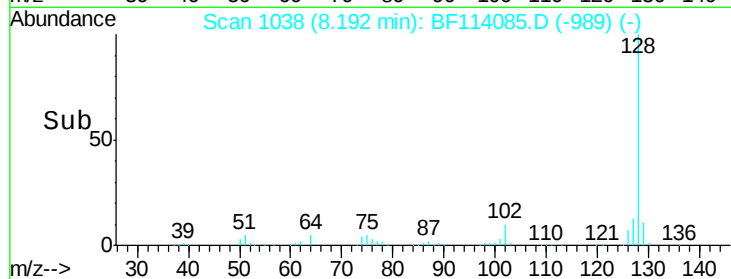
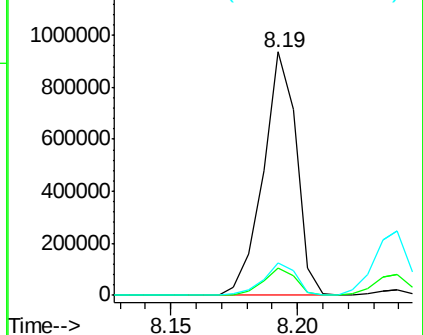
#31
Naphthalene
Concen: 41.363 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Tot Ion:128 Resp: 861416
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.2 10.8 16.2

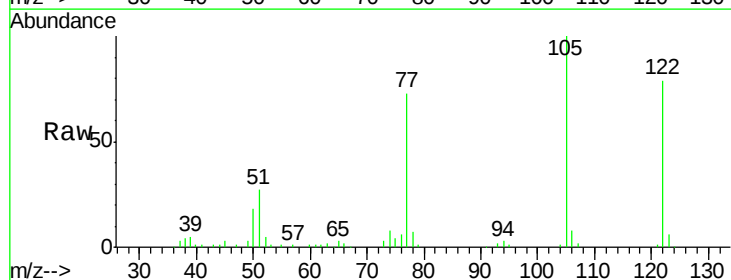


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

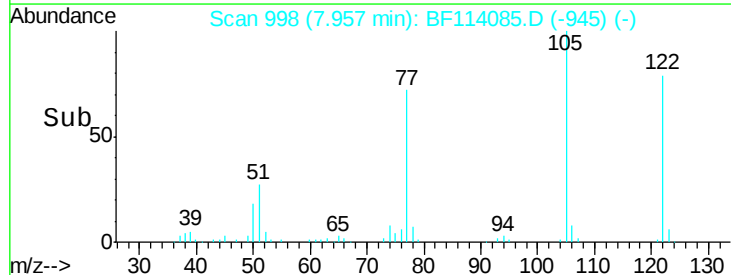
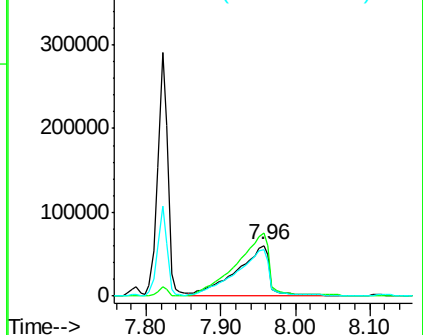


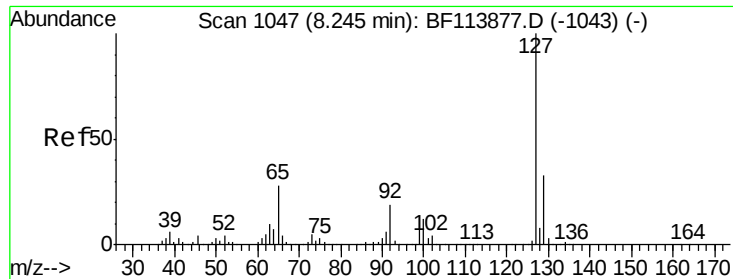
#32
Benzoic acid
Concen: 46.659 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion:122 Resp: 183739
Ion Ratio Lower Upper
122 100
105 126.6 104.3 144.3
77 92.9 70.4 110.4



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

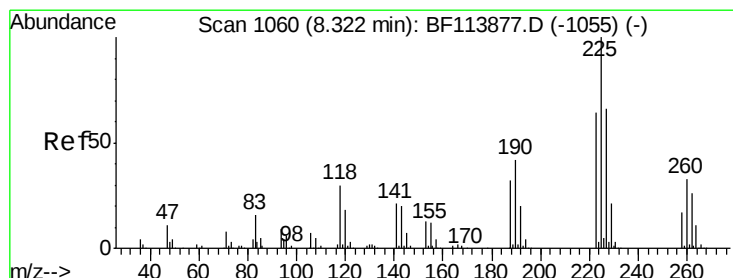
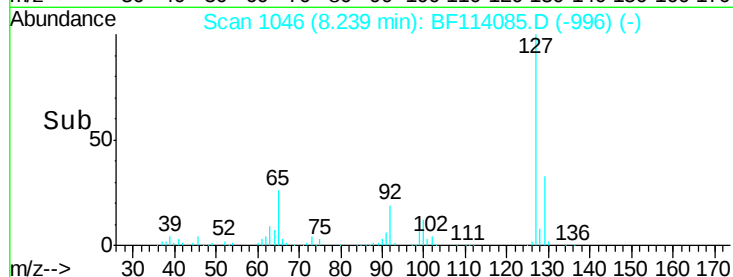
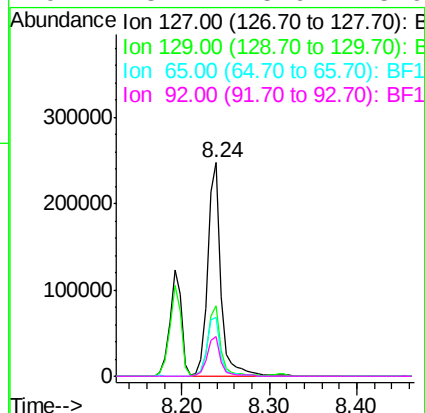
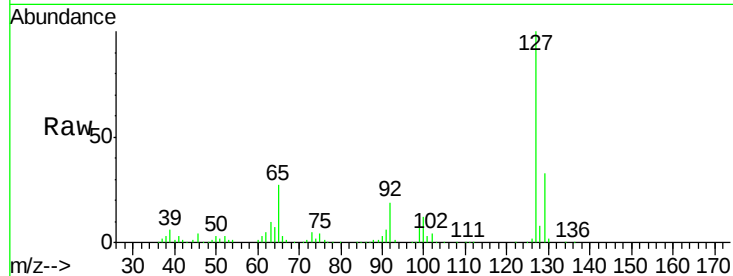




#33
 4-Chloroaniline
 Concen: 29.558 ng
 RT: 8.24 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

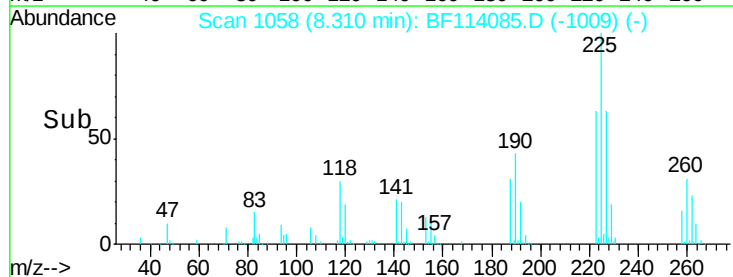
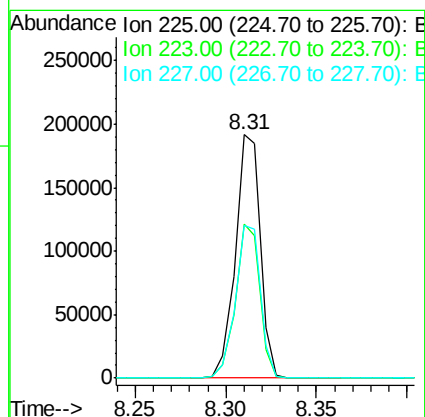
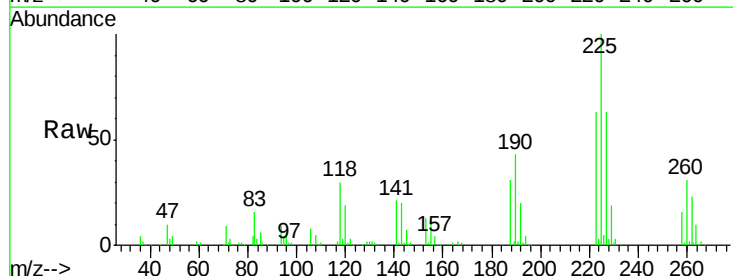
Instrument :
 BNA_F
 ClientSampleId :
 PB119394BS

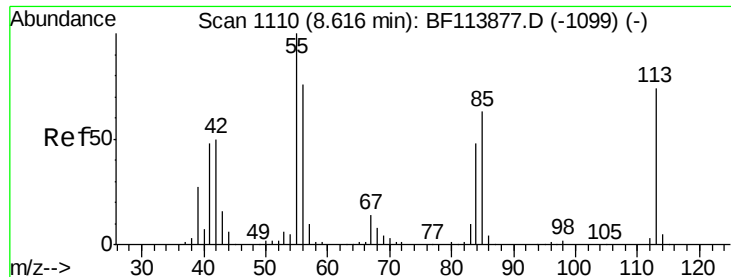
Tot Ion:	127	Resp:	260462
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.4	39.6
65	27.3	24.9	37.3
92	18.7	15.9	23.9



#34
 Hexachlorobutadiene
 Concen: 39.571 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Tgt Ion:	225	Resp:	183409
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.1	76.7
227	62.6	49.9	74.9





#35

Caprolactam

Concen: 23.654 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

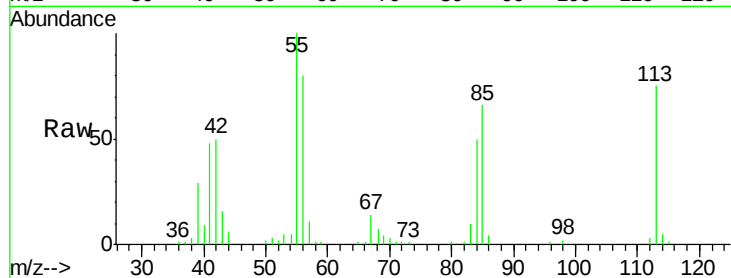
Tot Ion:113 Resp: 50174

Ion Ratio Lower Upper

113 100

55 132.6 128.6 168.6

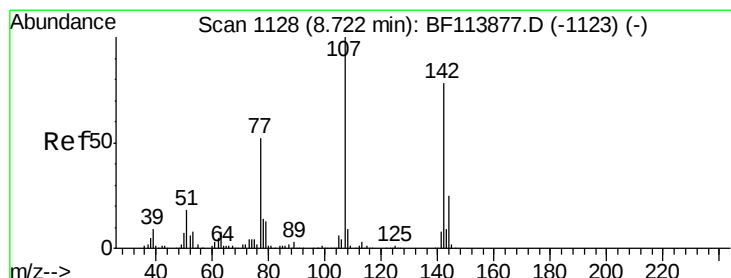
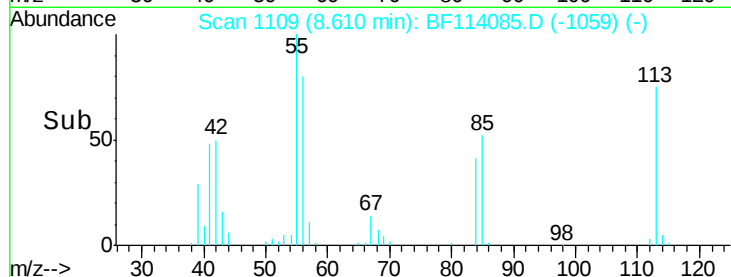
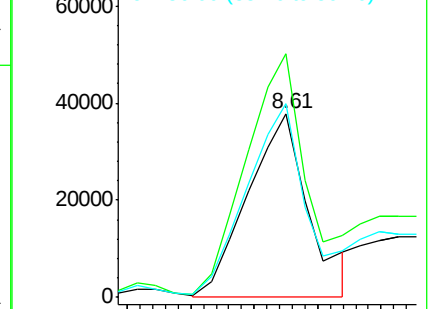
56 105.7 91.9 131.9



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: 42.824 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

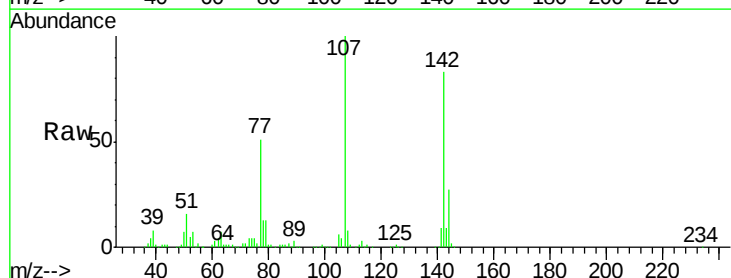
Tgt Ion:107 Resp: 282907

Ion Ratio Lower Upper

107 100

144 26.6 20.5 30.7

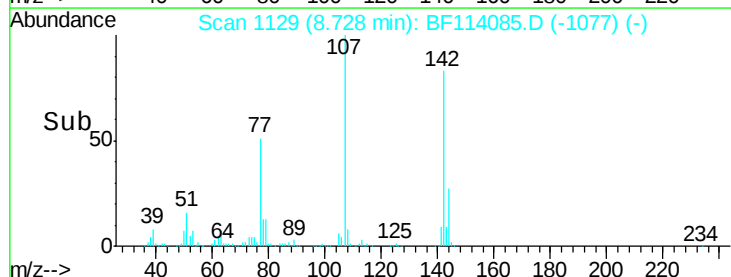
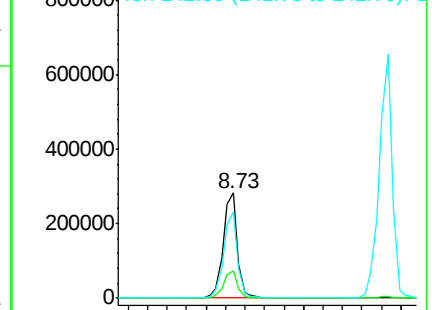
142 82.6 64.2 96.4

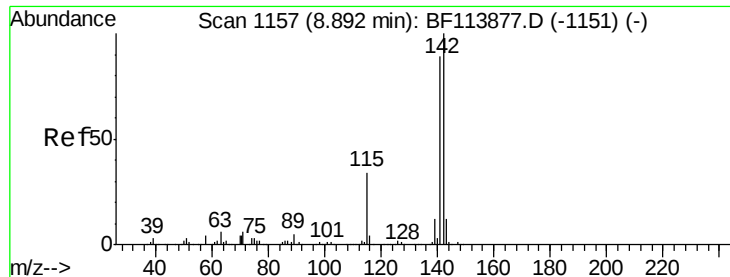


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

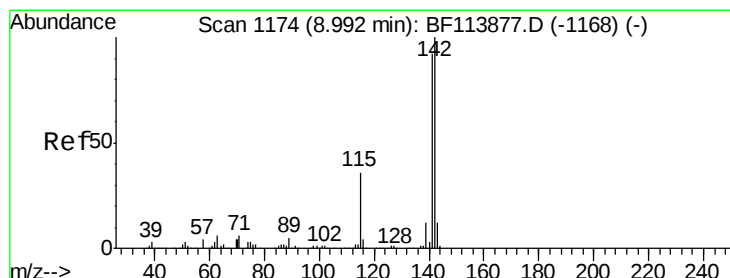
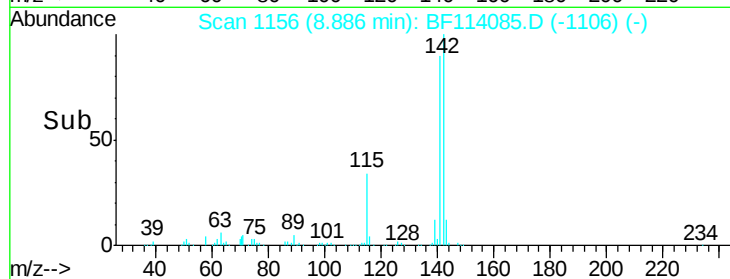
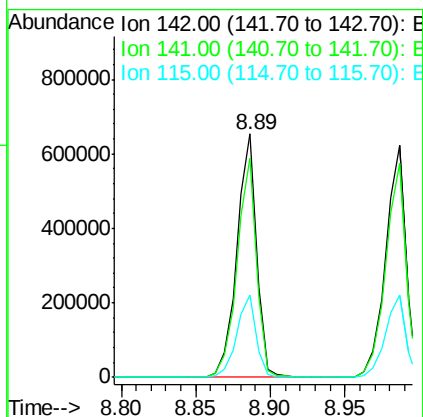
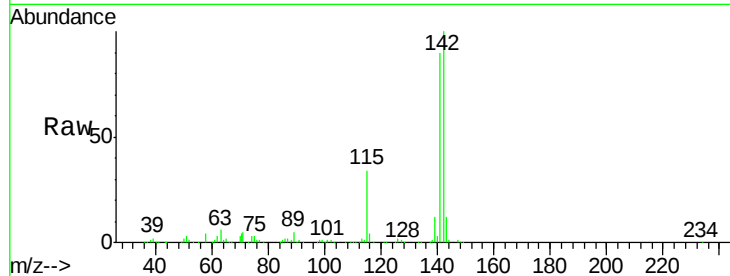




#37
2-Methylnaphthalene
Concen: 43.134 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

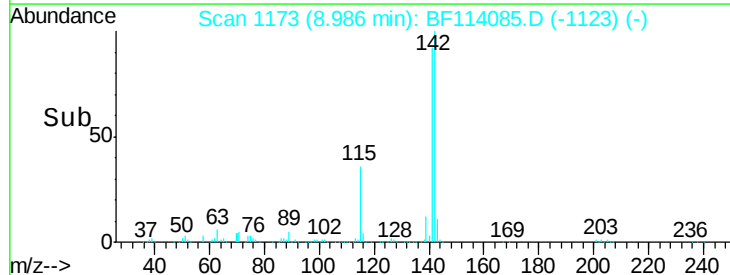
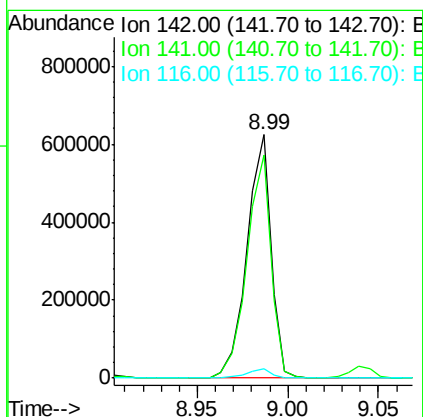
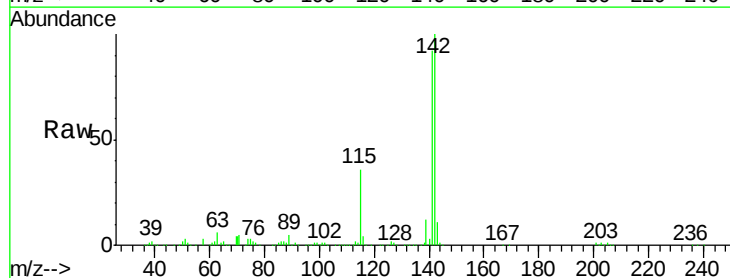
Instrument :
BNA_F
ClientSampleId :
PB119394BS

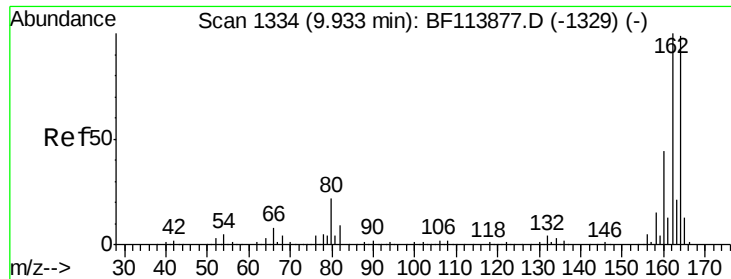
Tot Ion:142 Resp: 605755
Ion Ratio Lower Upper
142 100
141 90.1 70.4 105.6
115 34.1 26.3 39.5



#38
1-Methylnaphthalene
Concen: 42.464 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion:142 Resp: 575571
Ion Ratio Lower Upper
142 100
141 91.8 72.3 108.5
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

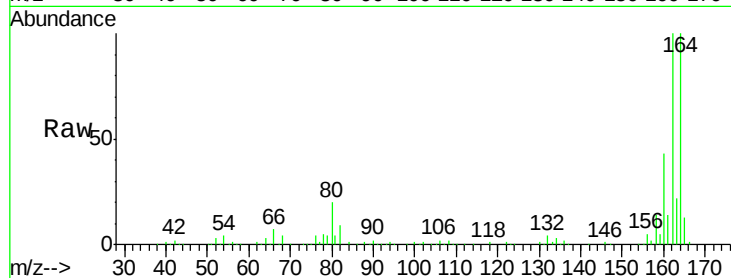
Tot Ion:164 Resp: 247067

Ion Ratio Lower Upper

164 100

162 99.8 81.1 121.7

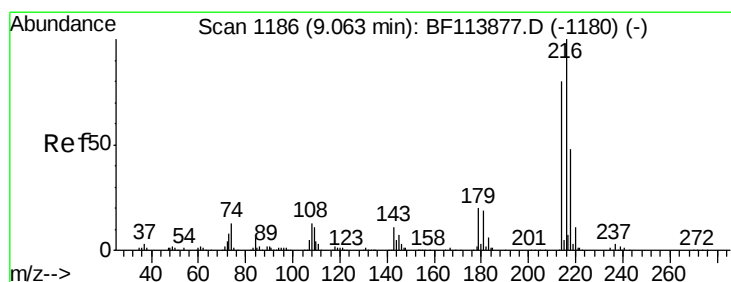
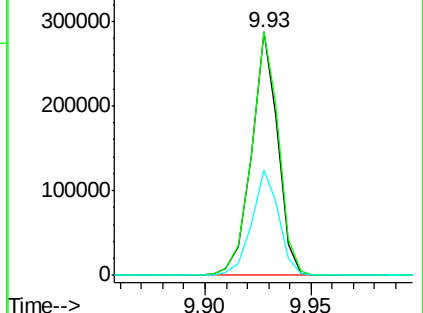
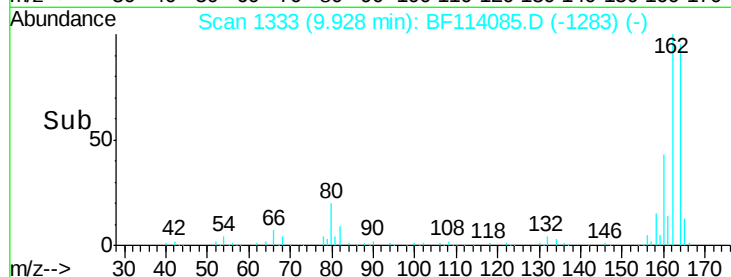
160 43.1 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.696 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Tgt Ion:216 Resp: 310552

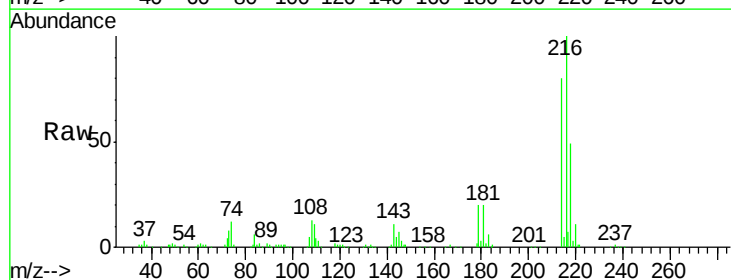
Ion Ratio Lower Upper

216 100

214 80.0 63.5 95.3

179 20.8 16.1 24.1

108 17.6 13.4 20.0

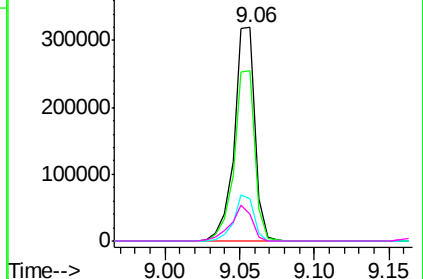
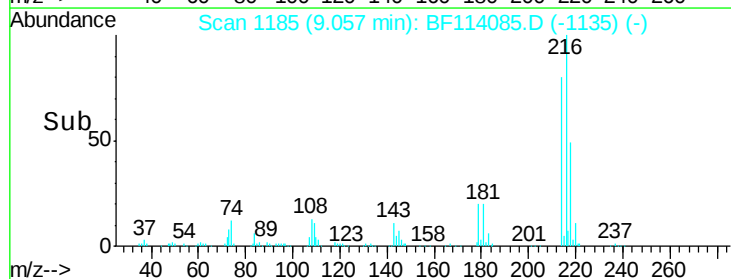


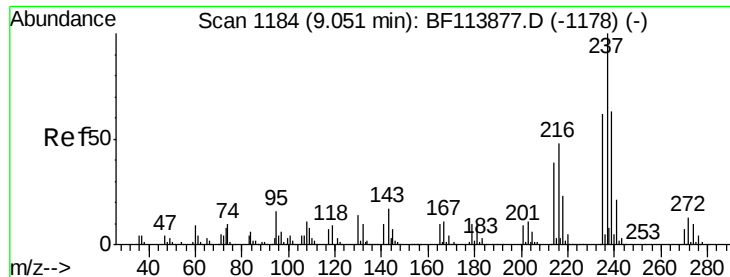
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 59.769 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

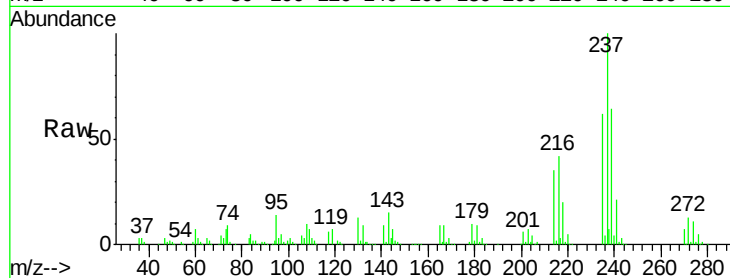
Tot Ion:237 Resp: 267489

Ion Ratio Lower Upper

237 100

235 61.8 42.6 82.6

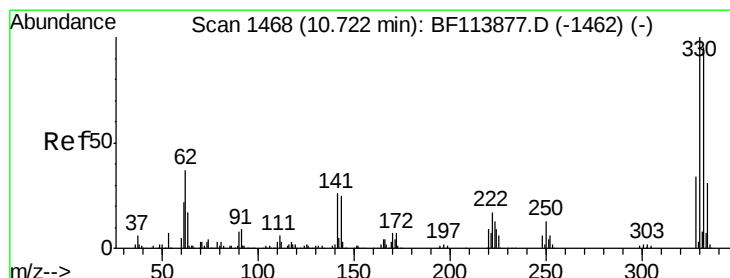
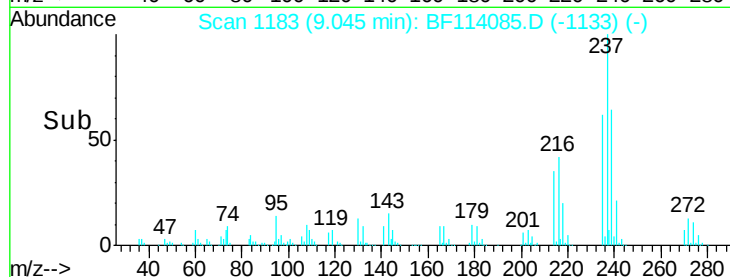
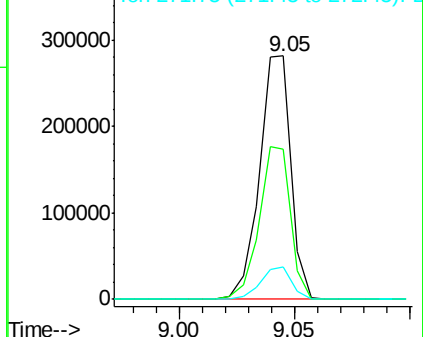
272 13.4 0.0 33.8



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: 131.847 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

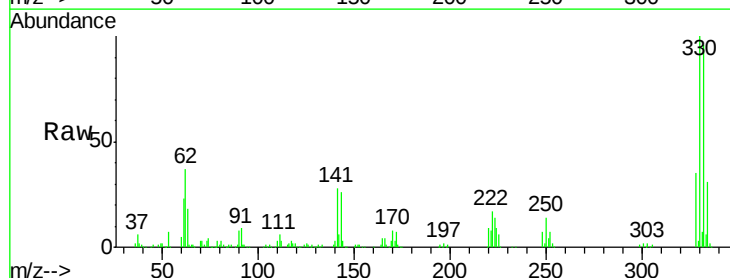
Tgt Ion:330 Resp: 396832

Ion Ratio Lower Upper

330 100

332 96.0 77.5 116.3

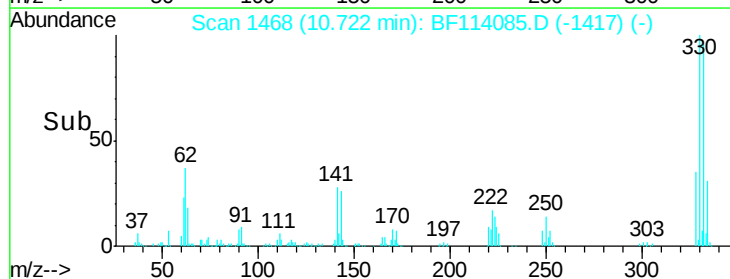
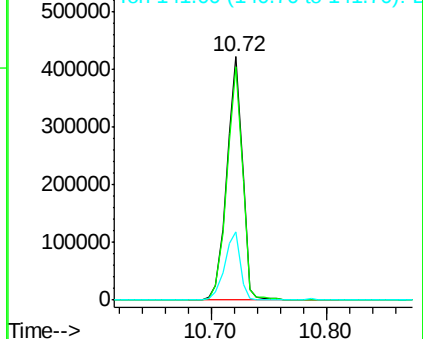
141 28.0 22.2 33.2

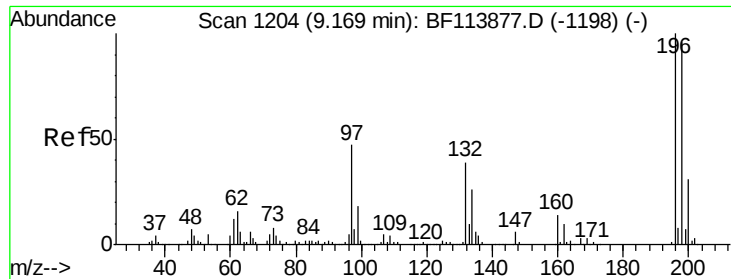


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

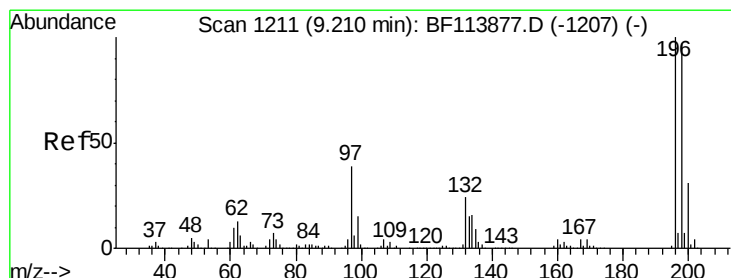
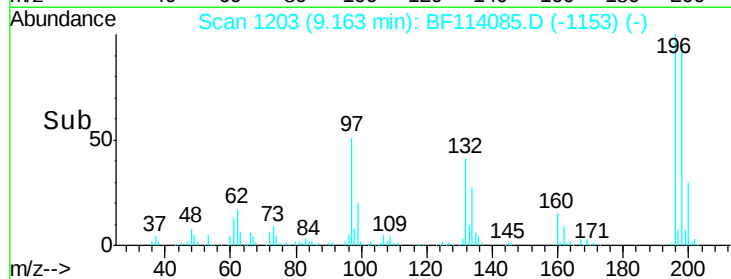
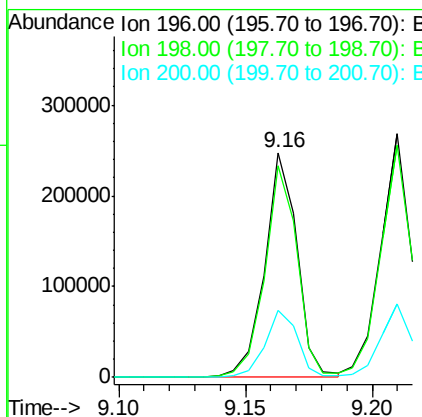
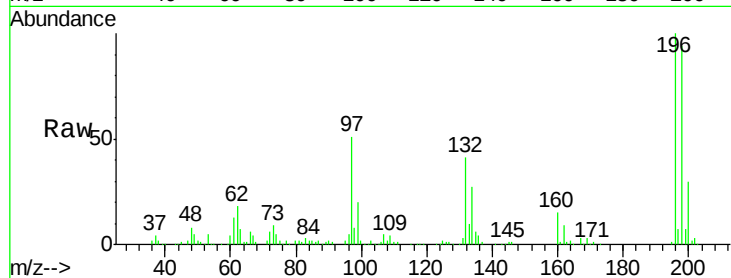




#43
 2,4,6-Trichlorophenol
 Concen: 42.989 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

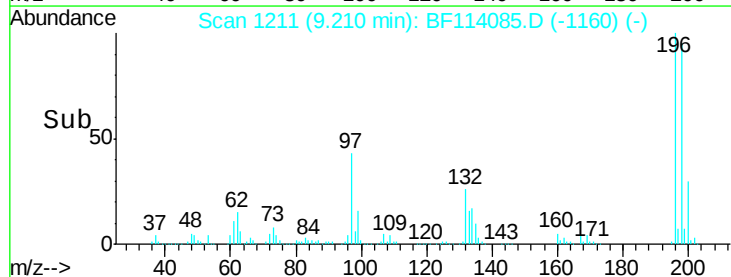
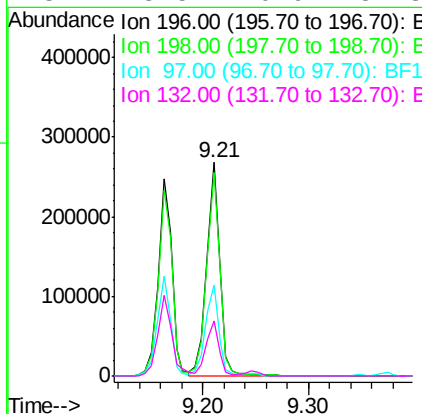
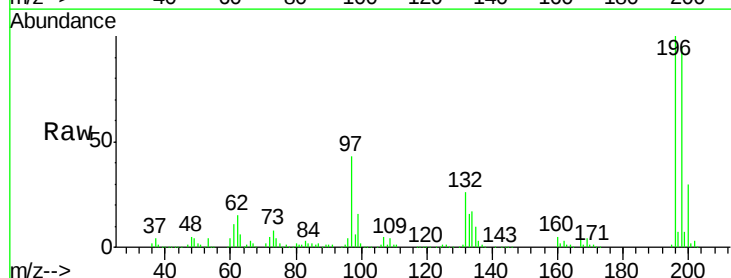
Instrument :
 BNA_F
 ClientSampled :
 PB119394BS

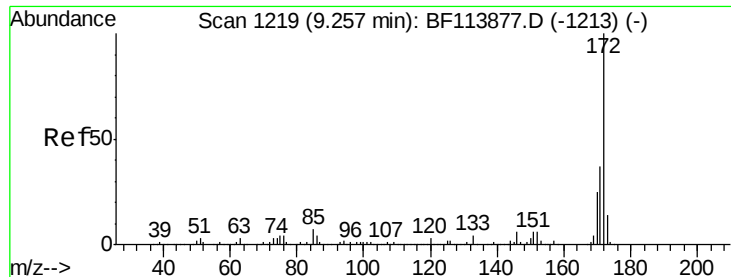
Tot Ion:196 Resp: 219079
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.6 113.4
 200 30.1 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 40.693 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Tgt Ion:196 Resp: 232604
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.2 114.4
 97 42.7 35.8 53.8
 132 25.5 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 78.360 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

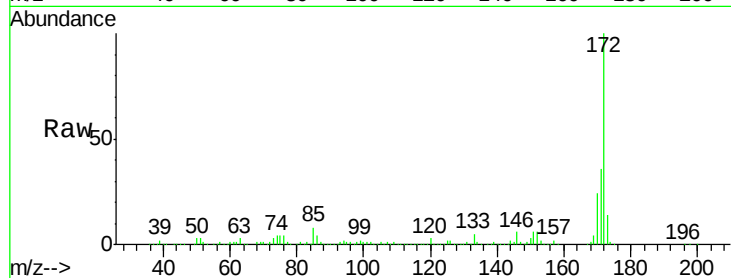
BNA_F

ClientSampleId :

PB119394BS

Tot Ion:172 Resp: 1237850

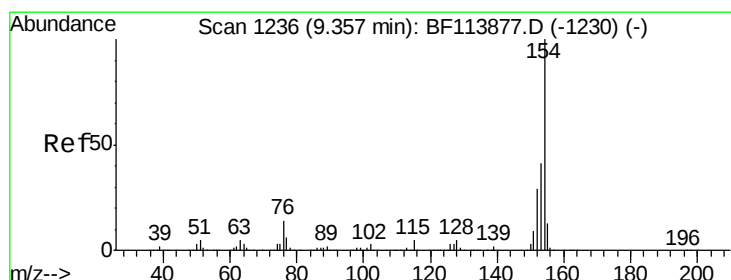
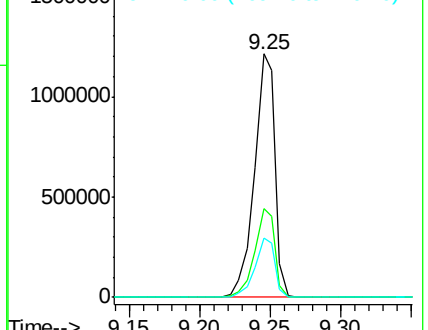
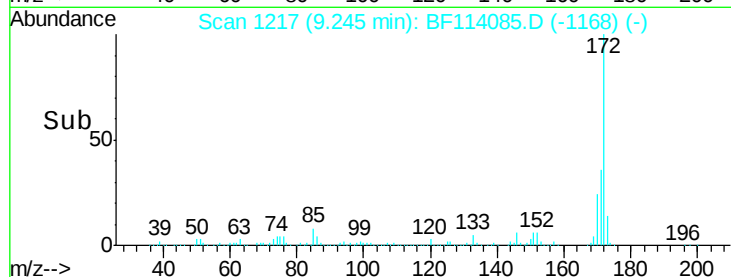
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.4	19.9	29.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.304 ng

RT: 9.35 min Scan# 1235

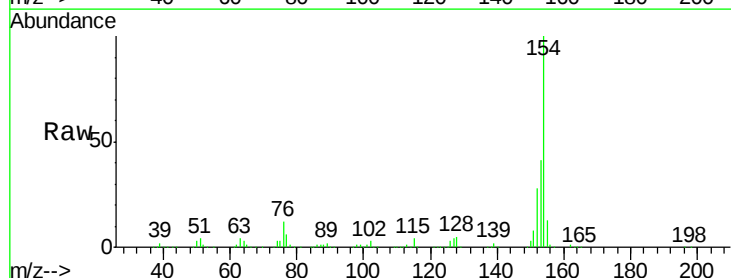
Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Tgt Ion:154 Resp: 760698

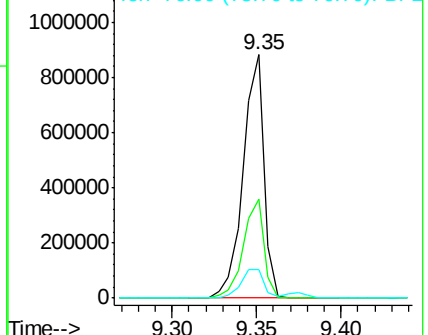
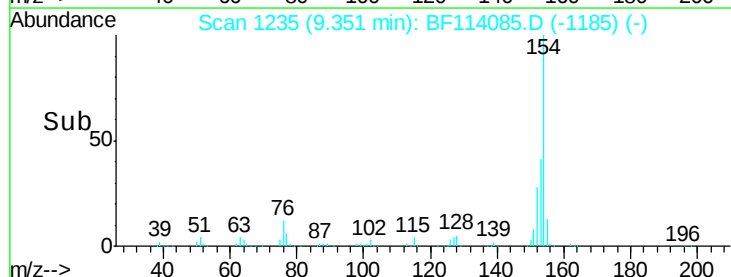
Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	12.0	0.0	35.2

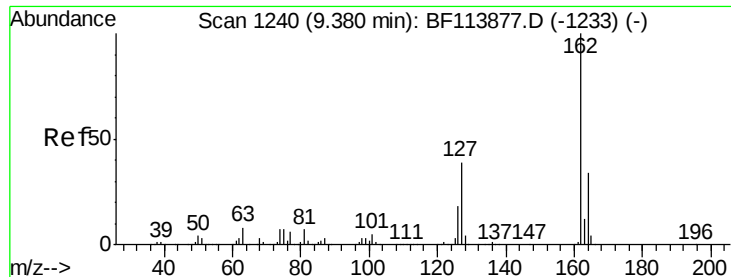


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

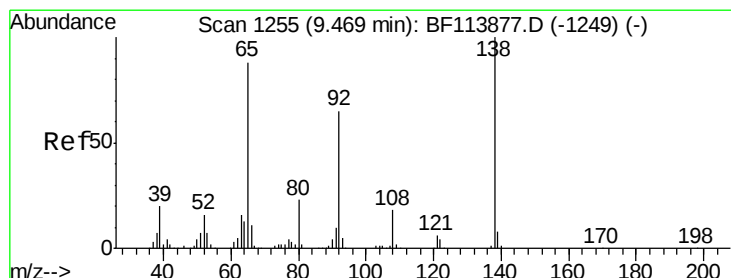
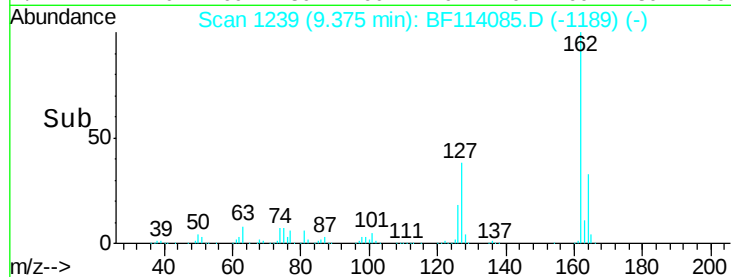
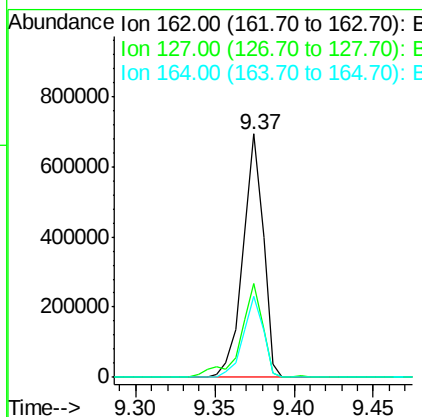
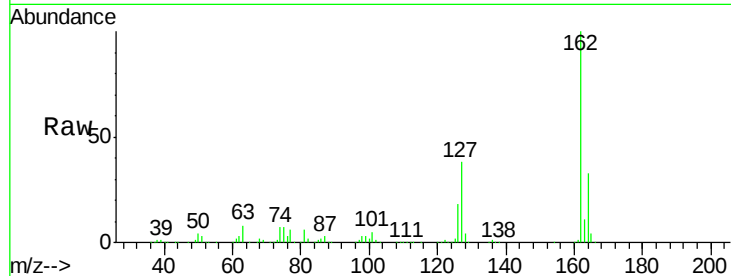




#47
2-Chloronaphthalene
Concen: 40.068 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

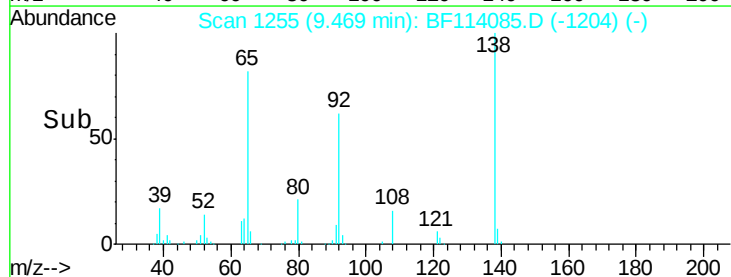
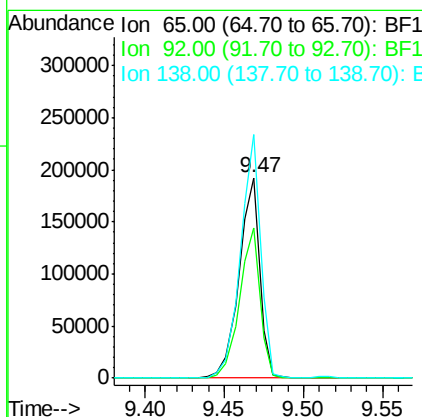
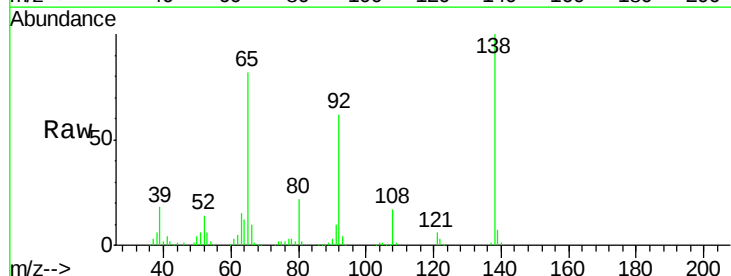
Instrument :
BNA_F
ClientSampleId :
PB119394BS

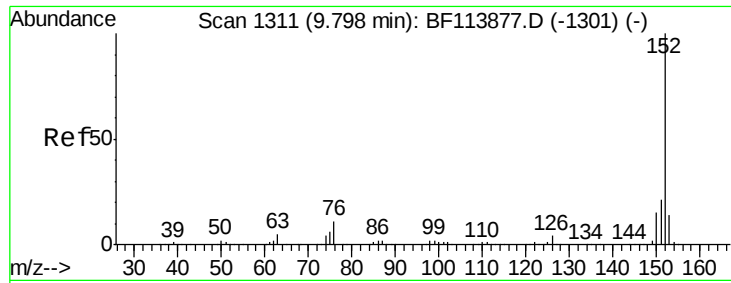
Tot Ion:162 Resp: 614991
Ion Ratio Lower Upper
162 100
127 38.5 29.3 43.9
164 33.0 27.1 40.7



#48
2-Nitroaniline
Concen: 43.222 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion: 65 Resp: 173911
Ion Ratio Lower Upper
65 100
92 74.6 57.4 86.0
138 121.3 85.4 128.0





#49

Acenaphthylene

Concen: 39.261 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

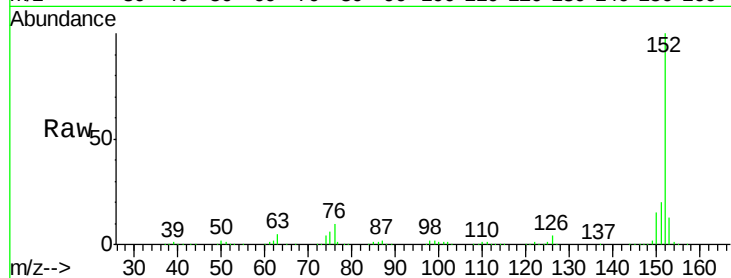
Tot Ion:152 Resp: 943389

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.4

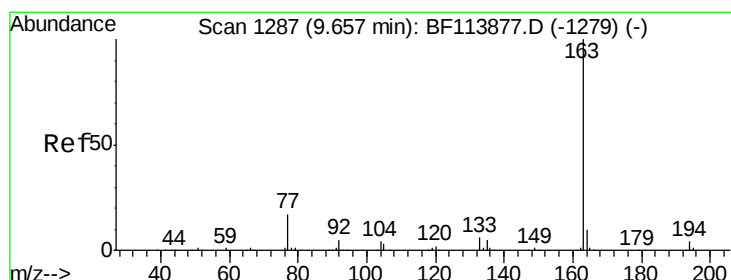
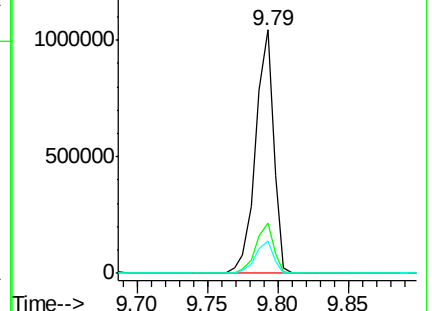
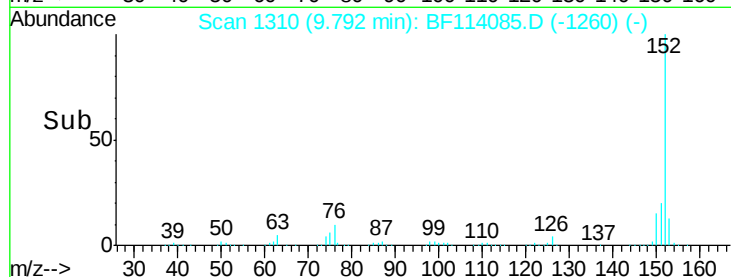
153 13.4 11.0 16.6



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: 41.806 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

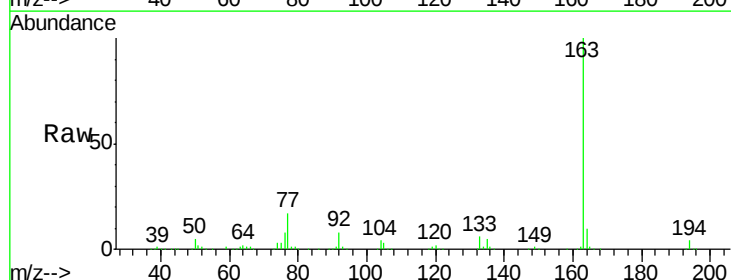
Tgt Ion:163 Resp: 747009

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

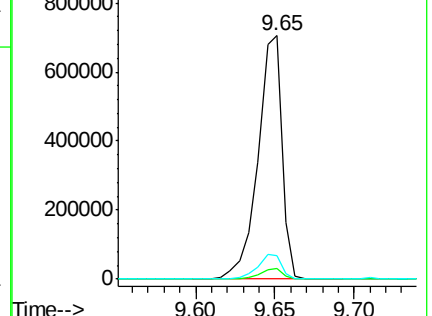
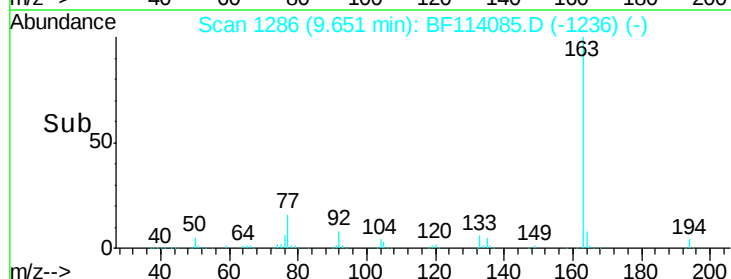
164 9.9 8.5 12.7

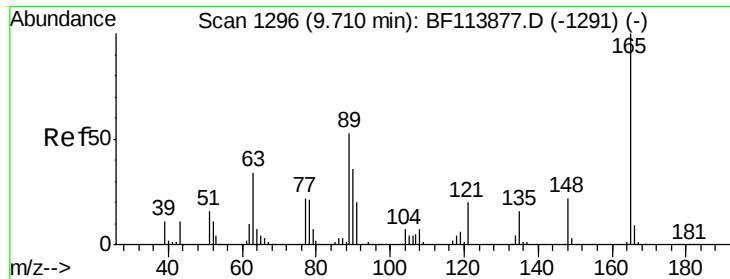


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

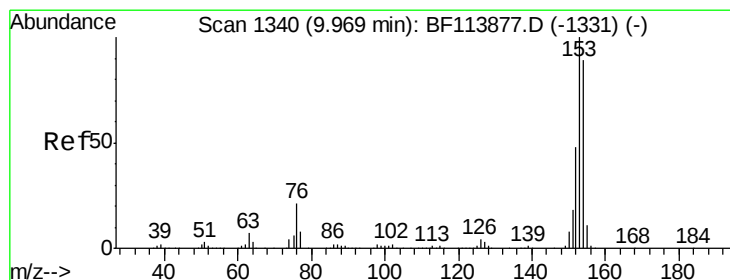
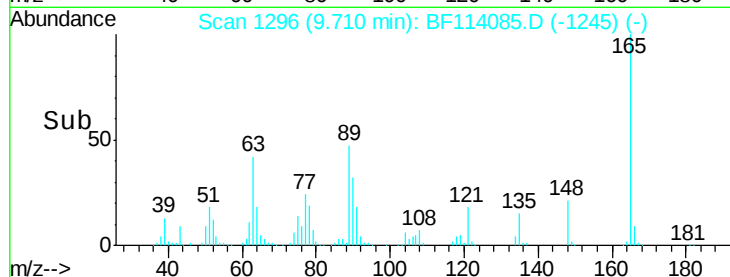
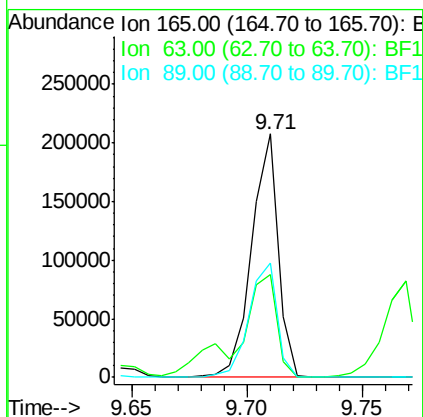
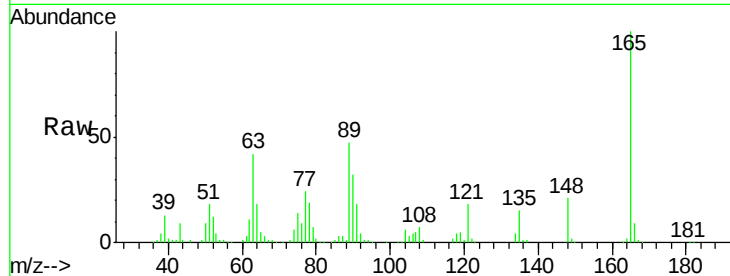




#51
2,6-Dinitrotoluene
Concen: 43.874 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

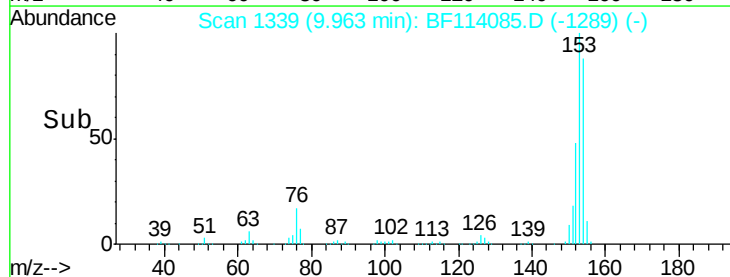
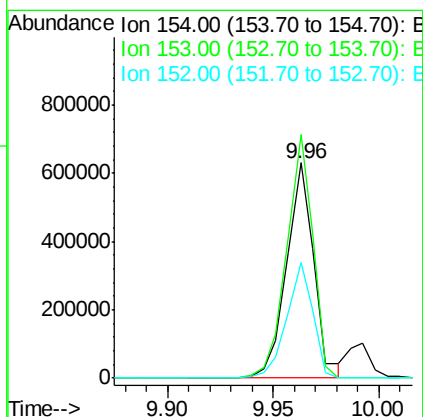
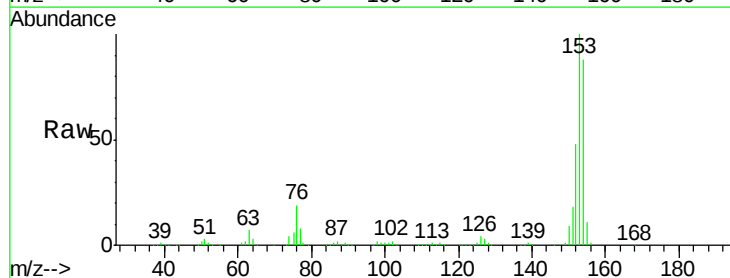
Instrument :
BNA_F
ClientSampleId :
PB119394BS

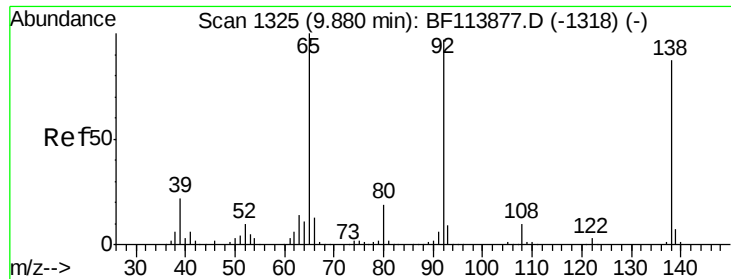
Tot Ion:165 Resp: 168186
Ion Ratio Lower Upper
165 100
63 42.0 33.8 50.8
89 46.9 38.2 57.2



#52
Acenaphthene
Concen: 39.990 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion:154 Resp: 567887
Ion Ratio Lower Upper
154 100
153 113.2 87.2 130.8
152 54.0 42.3 63.5

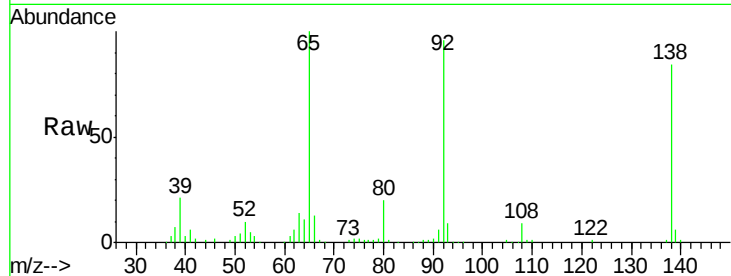




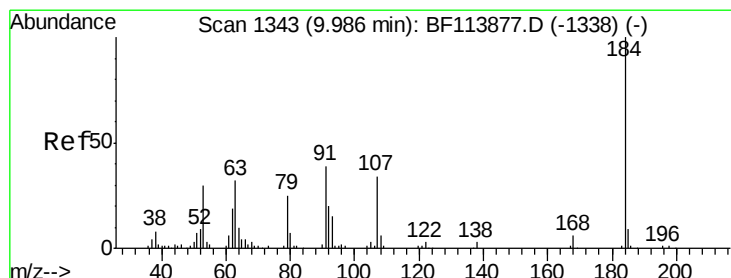
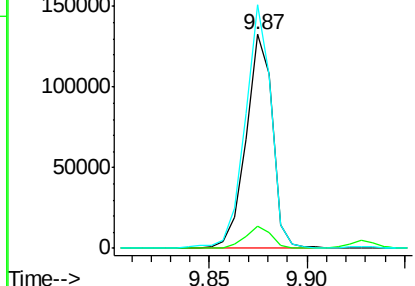
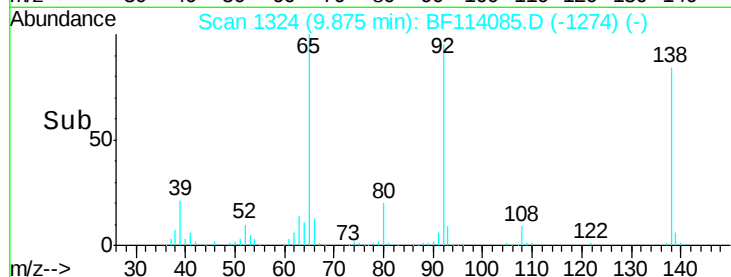
#53
 3-Nitroaniline
 Concen: 30.923 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Instrument :
 BNA_F
 ClientSampleId :
 PB119394BS

Tot Ion:138 Resp: 124564
 Ion Ratio Lower Upper
 138 100
 108 10.6 9.4 14.2
 92 113.7 94.1 141.1

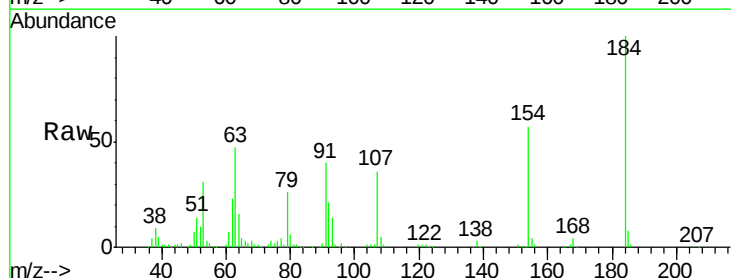


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

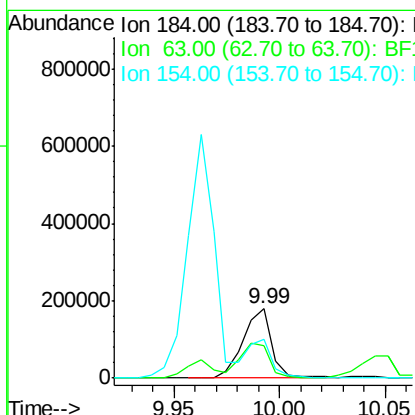
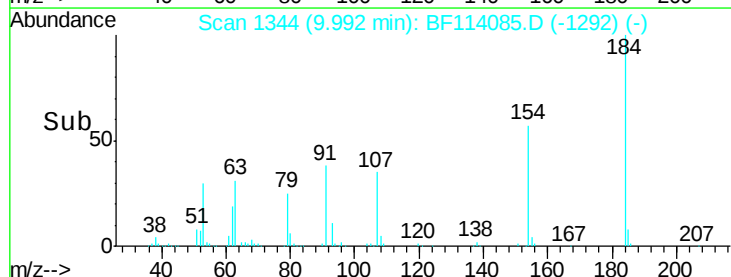


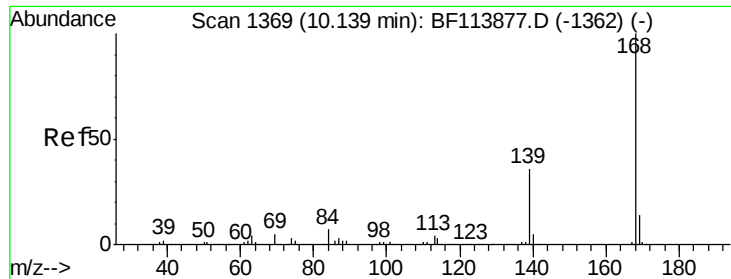
#54
 2,4-Dinitrophenol
 Concen: 100.071 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Tgt Ion:184 Resp: 169835
 Ion Ratio Lower Upper
 184 100
 63 47.1 54.6 81.8#
 154 56.7 218.6 328.0#



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: 41.271 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

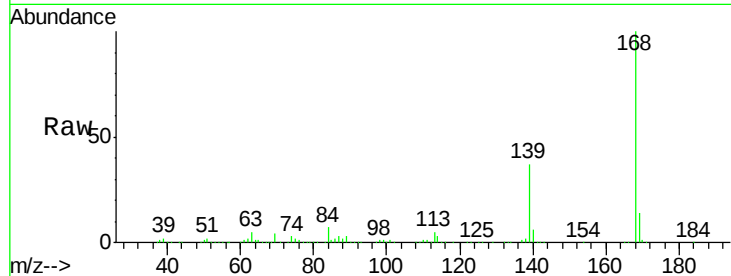
Tot Ion:168 Resp: 877904

Ion Ratio Lower Upper

168 100

139 36.8 27.8 41.6

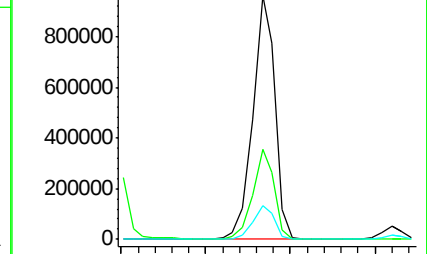
169 13.7 11.0 16.6



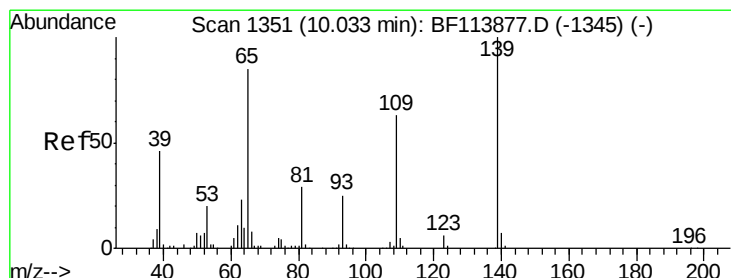
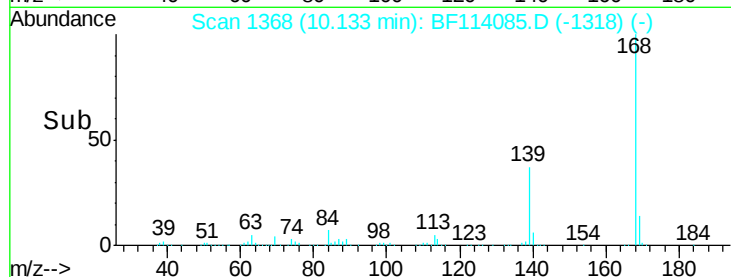
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time--> 10.05 10.10 10.15 10.20



#56

4-Nitrophenol

Concen: 83.654 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.02 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

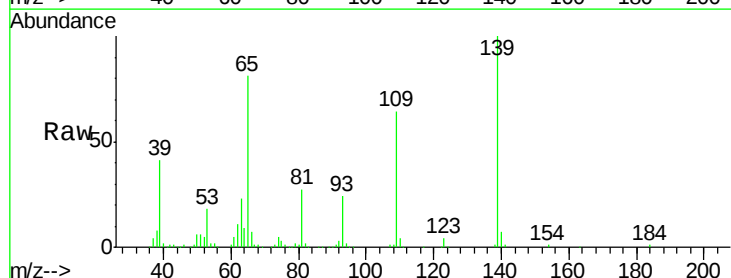
Tgt Ion:139 Resp: 266812

Ion Ratio Lower Upper

139 100

109 64.2 42.9 82.9

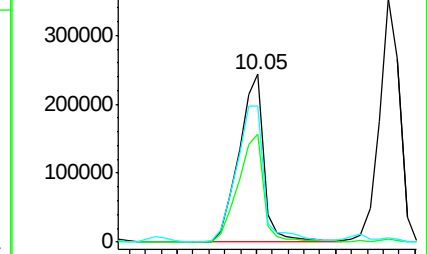
65 80.8 64.4 104.4



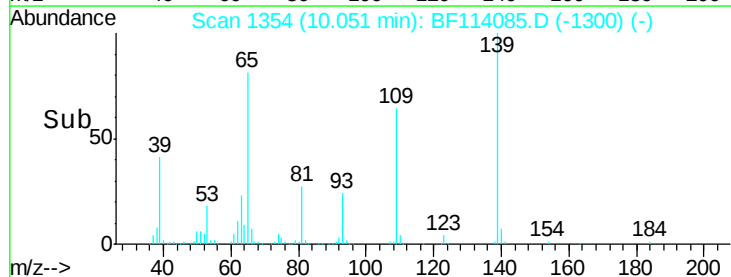
Abundance Ion 139.00 (138.70 to 139.70): E

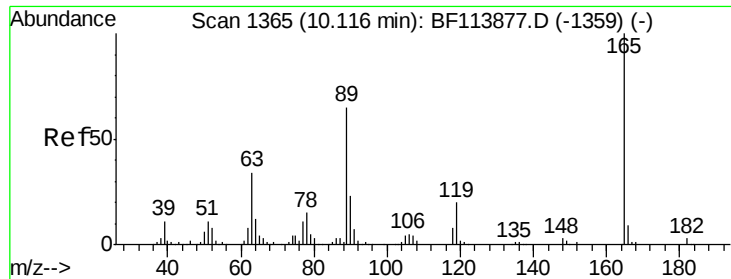
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



Time--> 10.00 10.05 10.10

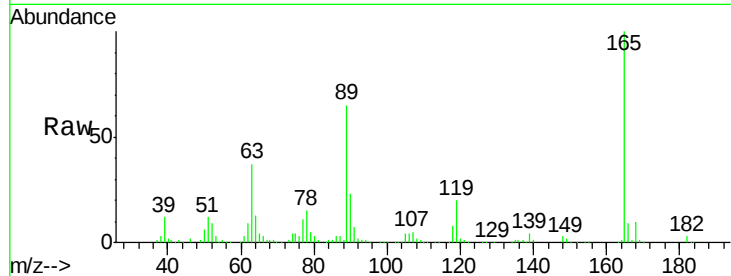




#57
2,4-Dinitrotoluene
Concen: 46.464 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.8	27.4	41.0
89	65.2	51.8	77.6
182	2.7	2.2	3.2



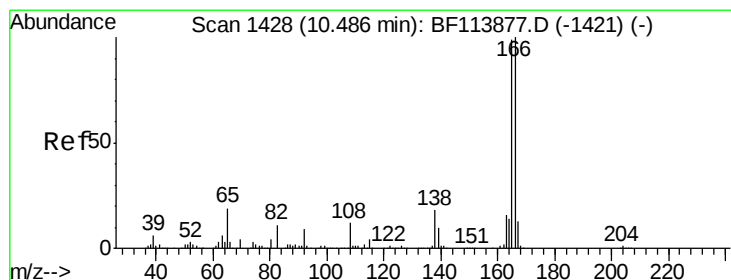
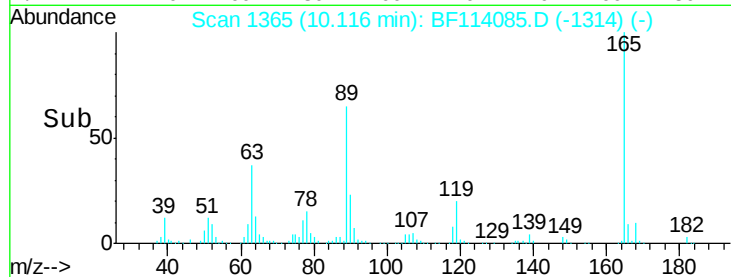
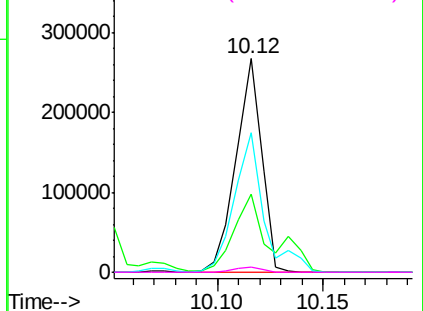
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

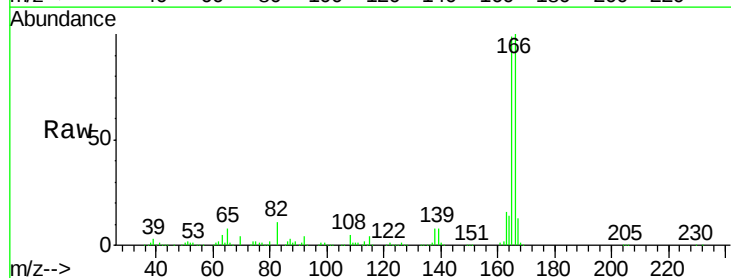
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.955 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.4	117.6
167	13.4	10.9	16.3

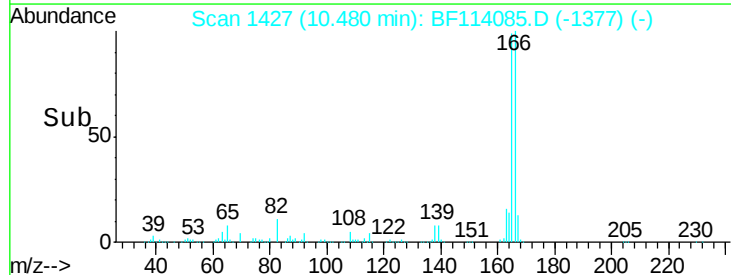
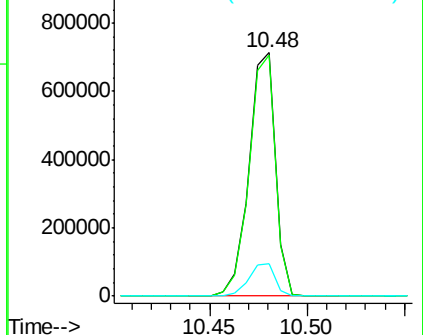


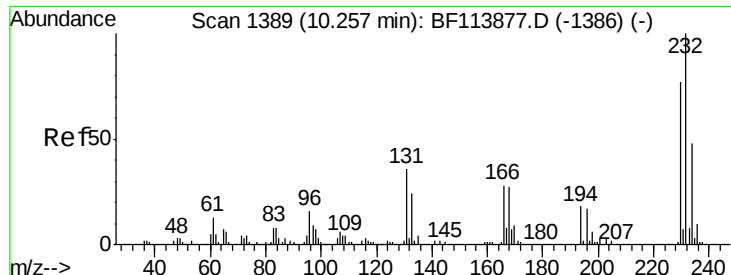
Abundance

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

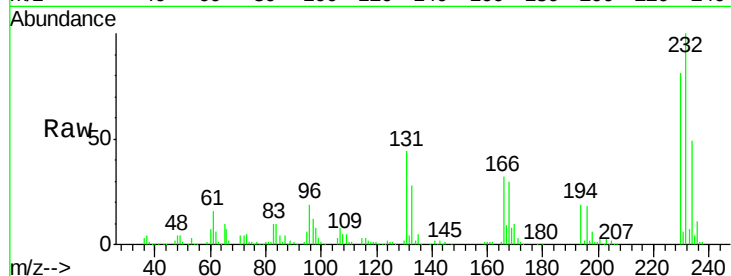




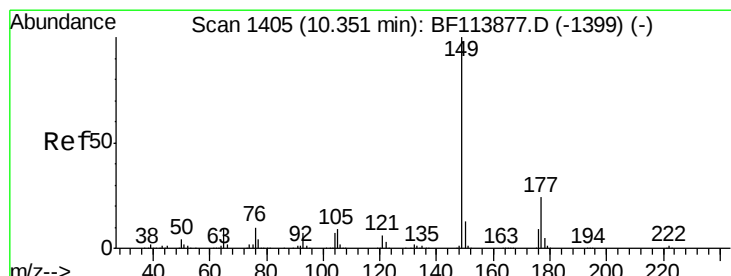
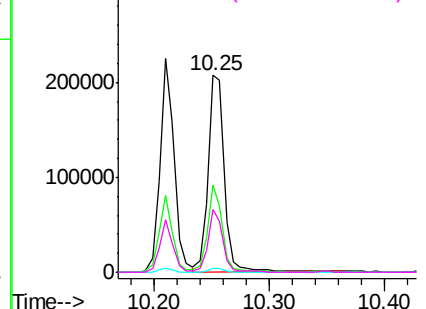
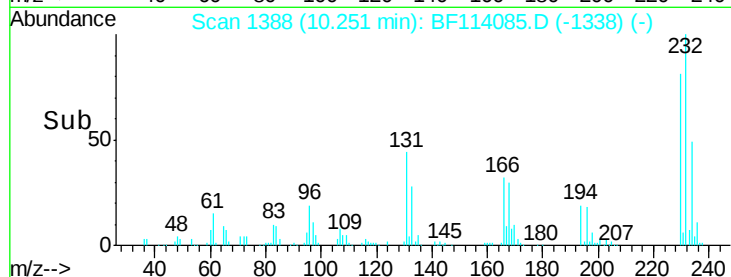
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.489 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Instrument :
 BNA_F
 ClientSampleId :
 PB119394BS

Tot Ion:	232	Resp:	203389
Ion	Ratio	Lower	Upper
232	100		
131	39.5	30.2	45.2
130	1.9	1.5	2.3
166	28.3	22.2	33.4

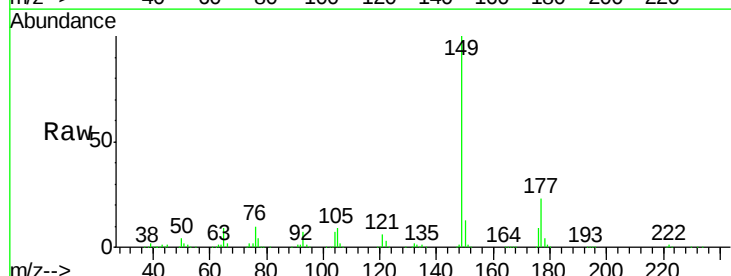


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

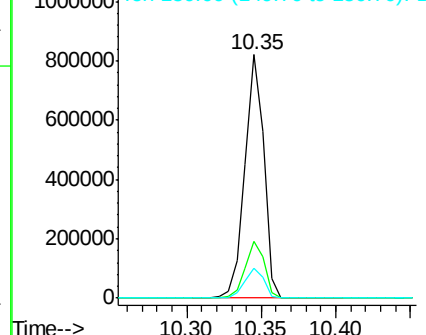
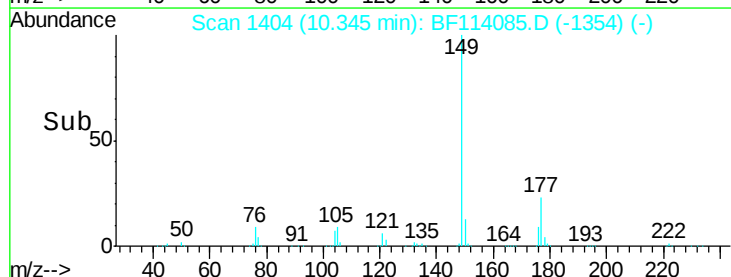


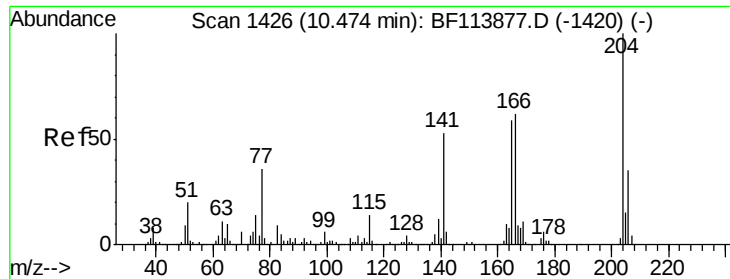
#60
 Diethylphthalate
 Concen: 42.829 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Tgt Ion:	149	Resp:	726726
Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.2	28.8
150	12.5	10.3	15.5



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

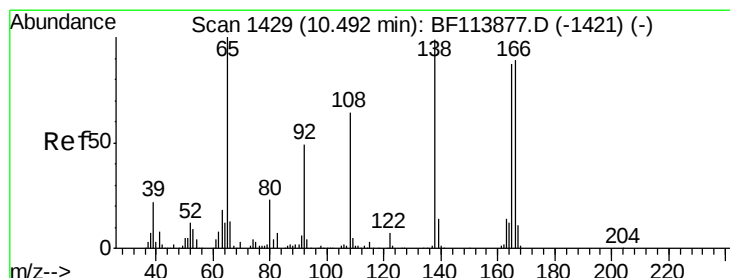
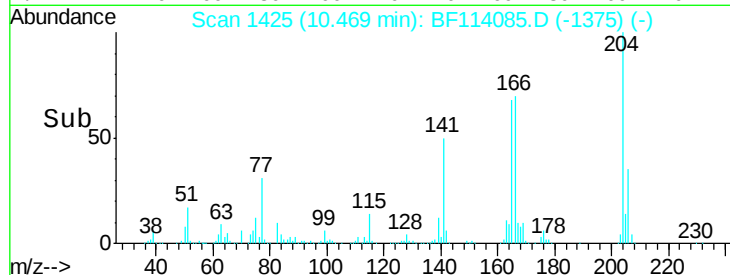
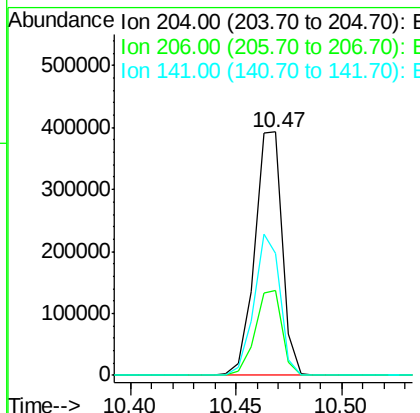
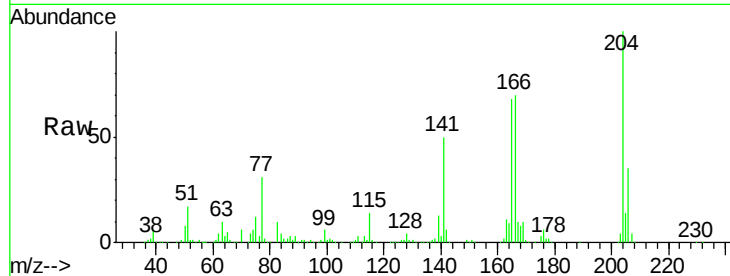




#61
4-Chlorophenyl-phenylether
Concen: 42.084 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

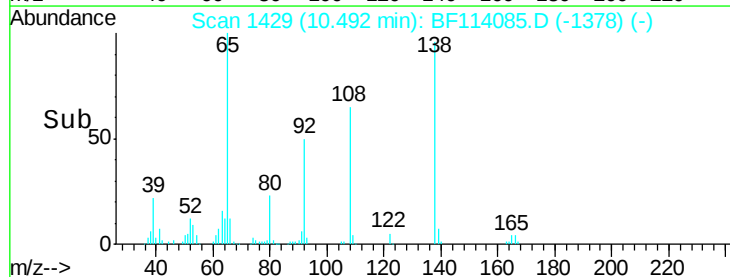
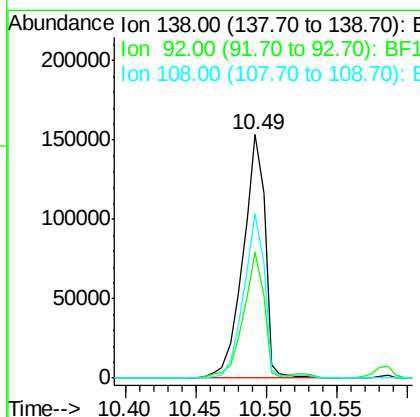
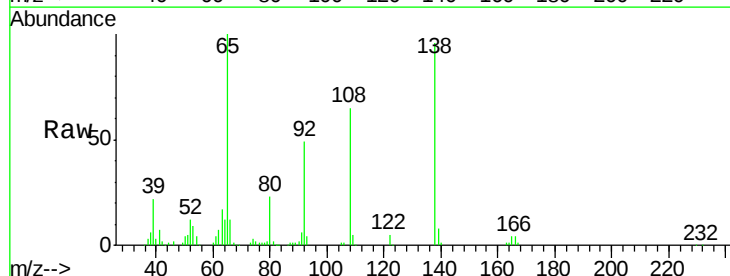
Instrument :
BNA_F
ClientSampleId :
PB119394BS

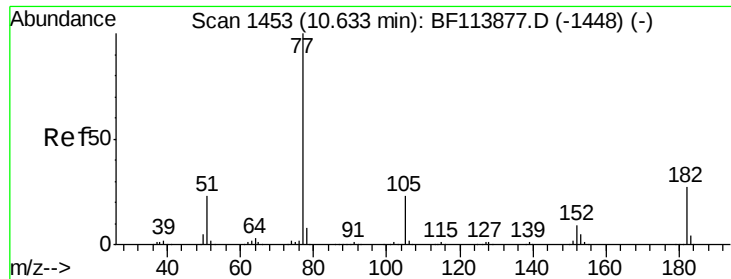
Tot Ion:204 Resp: 356927
Ion Ratio Lower Upper
204 100
206 34.7 27.4 41.2
141 50.2 42.6 63.8



#62
4-Nitroaniline
Concen: 42.532 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion:138 Resp: 167193
Ion Ratio Lower Upper
138 100
92 51.7 31.3 71.3
108 67.6 48.9 88.9





#63

Azobenzene

Concen: 40.466 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

Tot Ion: 77 Resp: 665480

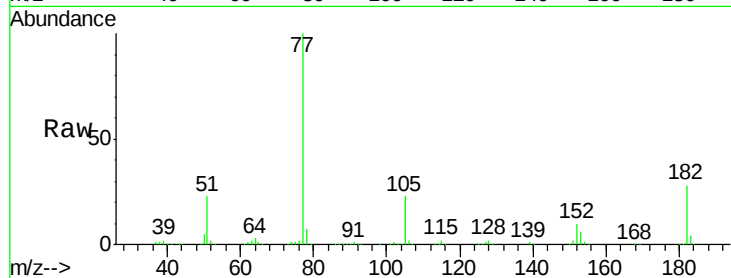
Ion Ratio Lower Upper

77 100

182 28.3 4.4 44.4

105 22.7 2.2 42.2

51 23.1 3.9 43.9

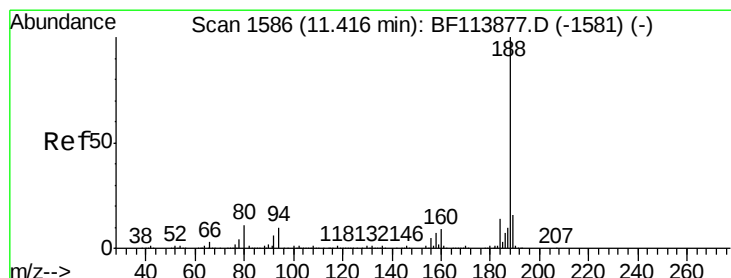
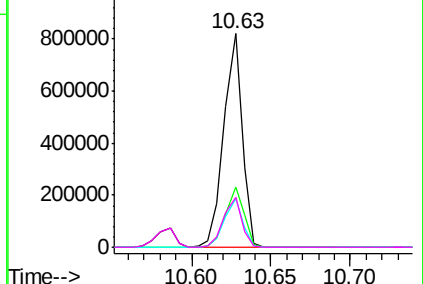
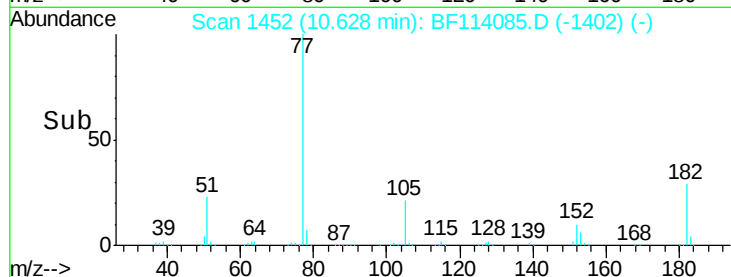


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

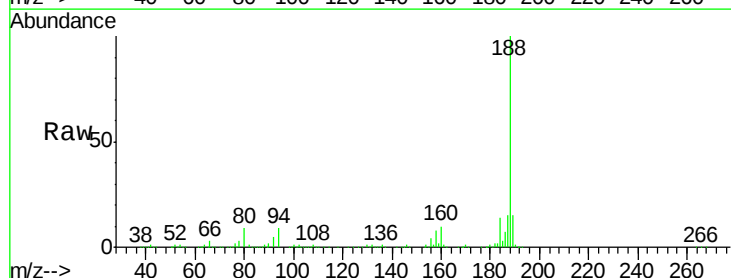
Tgt Ion: 188 Resp: 504897

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.4

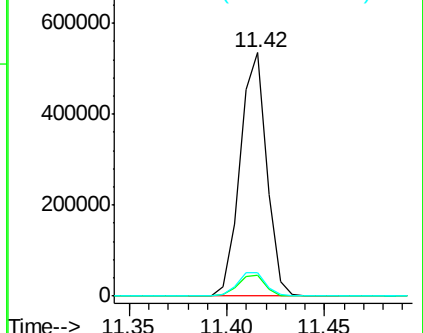
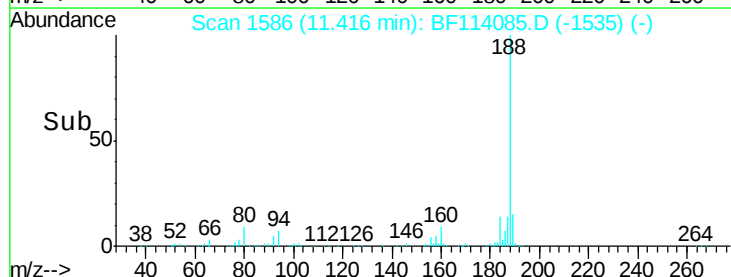
80 9.5 9.0 13.6

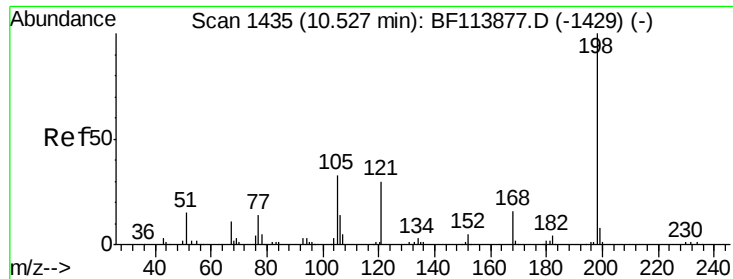


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

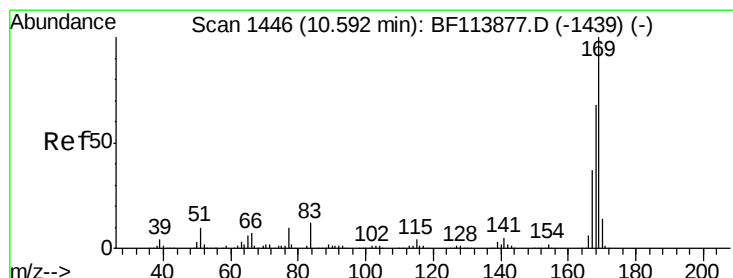
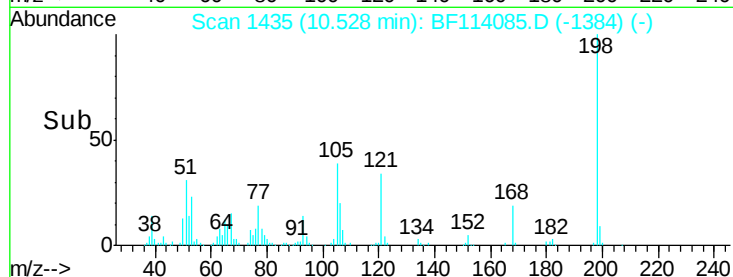
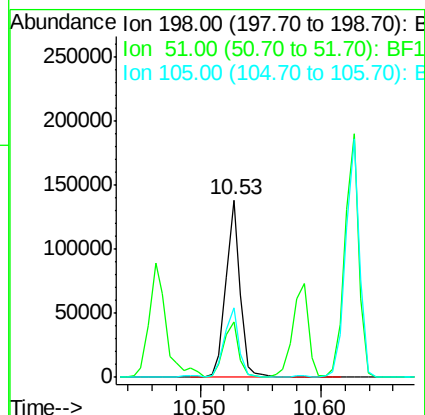
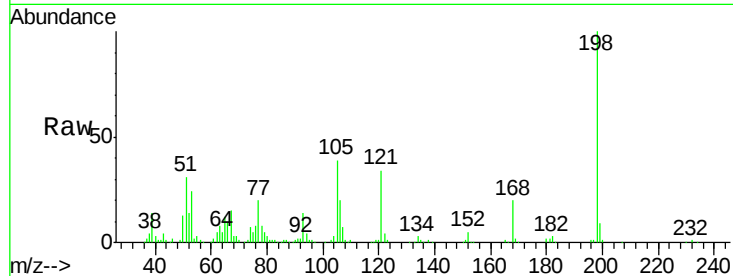




#65
4,6-Dinitro-2-methylphenol
Concen: 48.655 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

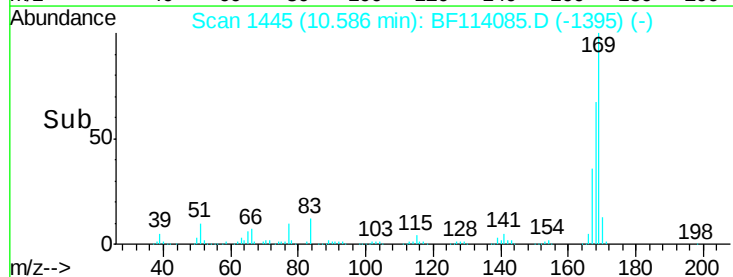
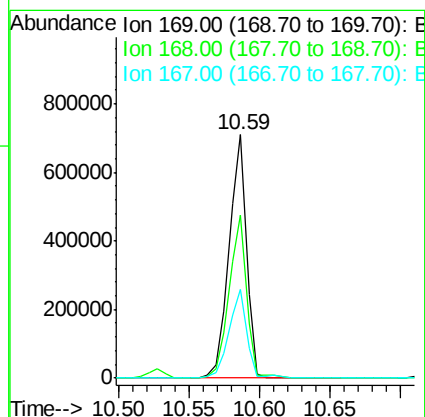
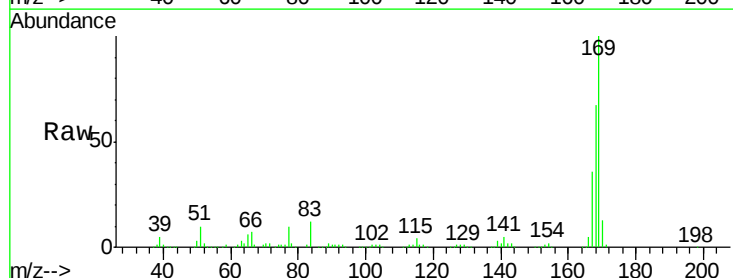
Instrument :
BNA_F
ClientSampleId :
PB119394BS

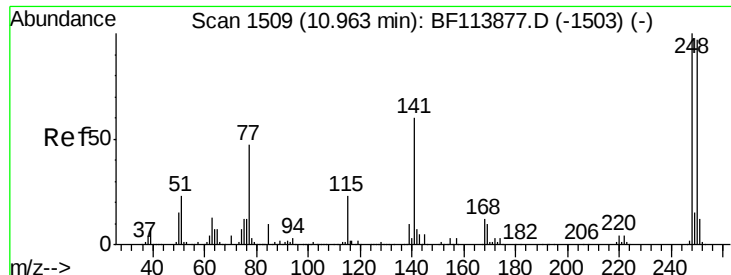
Tot Ion	Ratio	Lower	Upper
198	100		
51	31.5	11.1	51.1
105	39.4	20.7	60.7



#66
n-Nitrosodiphenylamine
Concen: 40.235 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.3	81.5
167	36.3	29.4	44.0

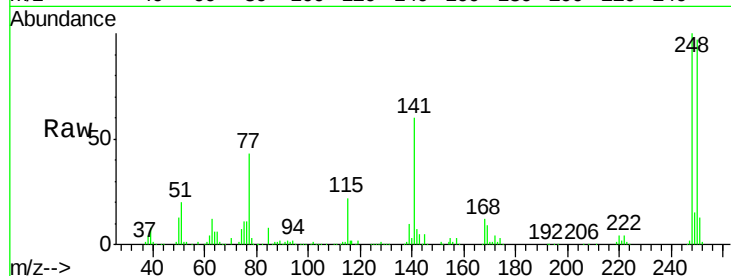




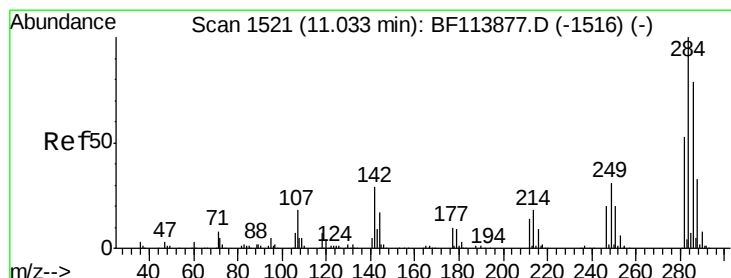
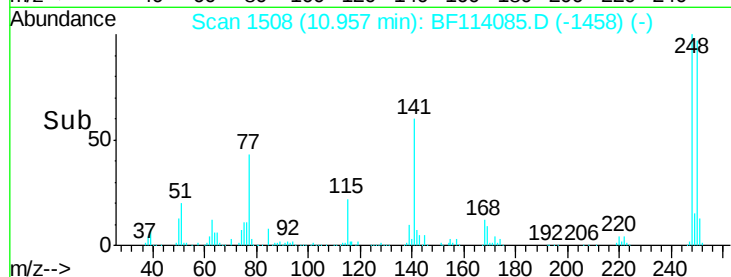
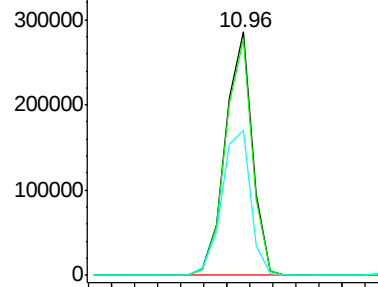
#67
4-Bromophenyl-phenylether
Concen: 38.315 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Tot Ion:248 Resp: 233700
Ion Ratio Lower Upper
248 100
250 96.7 75.8 113.6
141 59.7 50.2 75.4

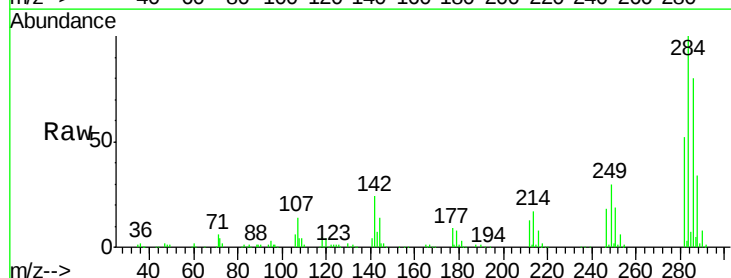


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

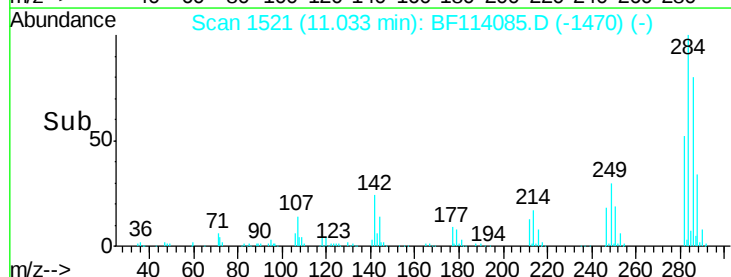
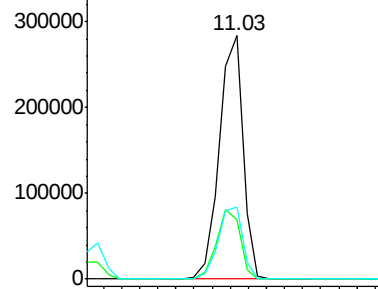


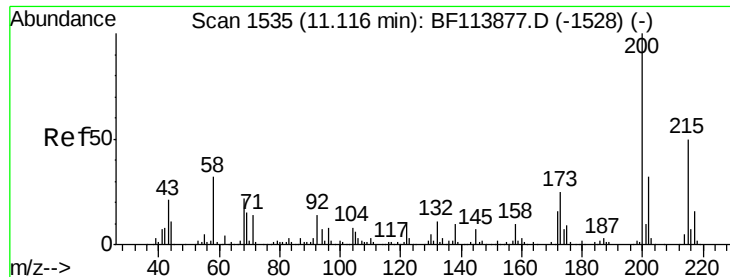
#68
Hexachlorobenzene
Concen: 38.395 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion:284 Resp: 257348
Ion Ratio Lower Upper
284 100
142 24.4 23.0 34.4
249 29.9 24.4 36.6



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

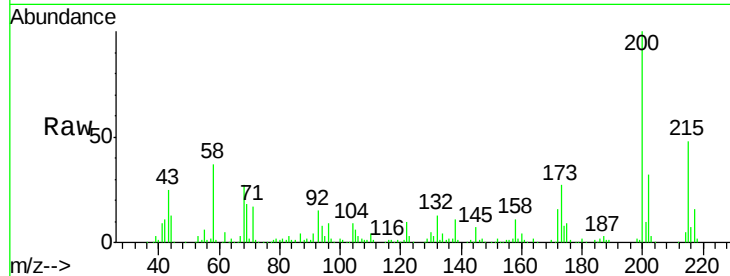




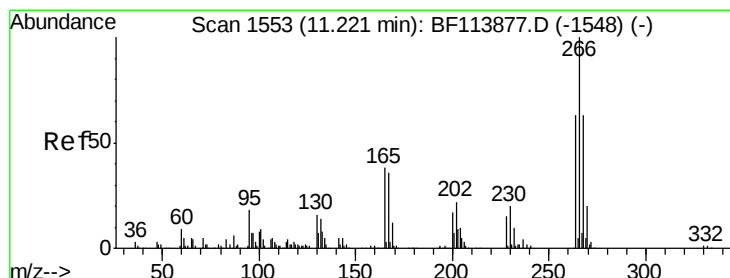
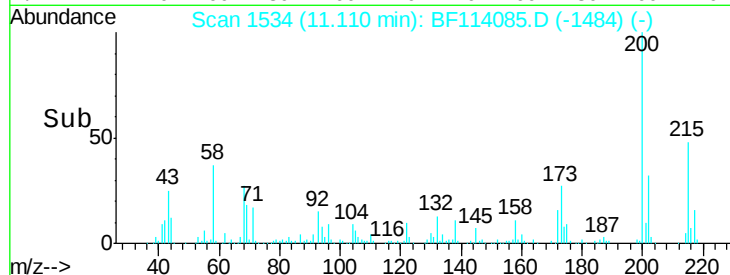
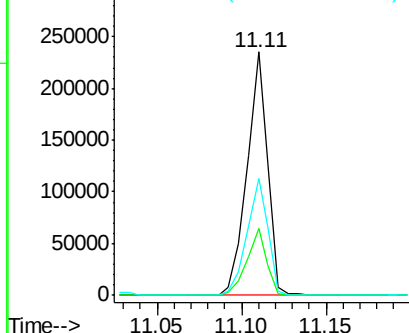
#69
 Atrazine
 Concen: 40.691 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Instrument :
 BNA_F
 ClientSampleId :
 PB119394BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	5.9	45.9
215	48.3	29.3	69.3

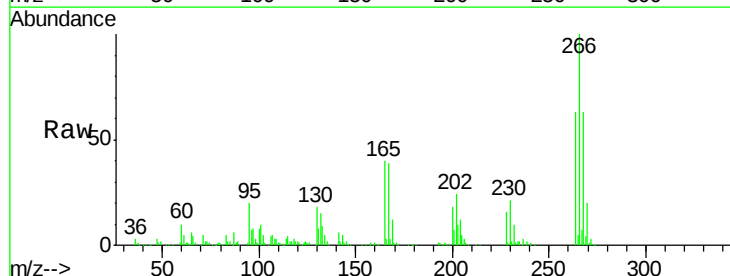


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

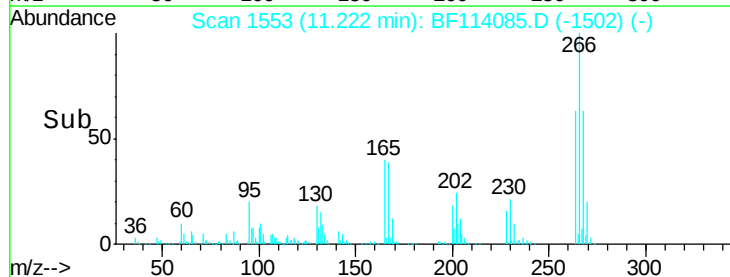
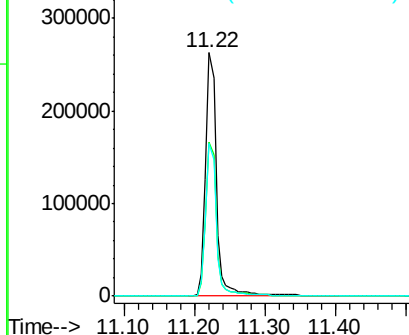


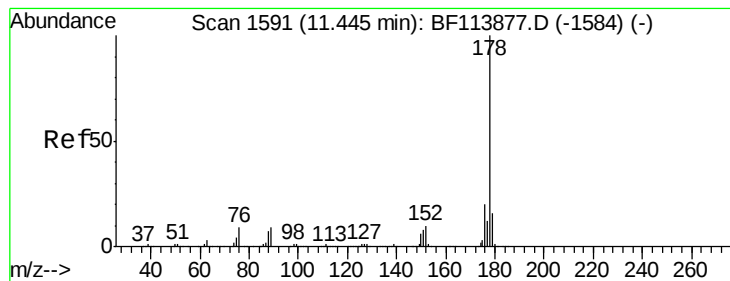
#70
 Pentachlorophenol
 Concen: 75.146 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	53.5	80.3
264	63.0	51.0	76.6



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.184 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

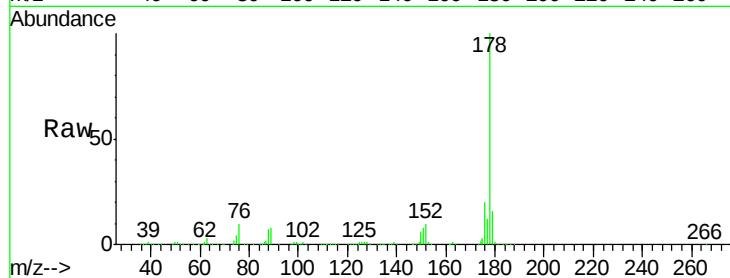
Tot Ion:178 Resp: 1019628

Ion Ratio Lower Upper

178 100

176 19.6 16.1 24.1

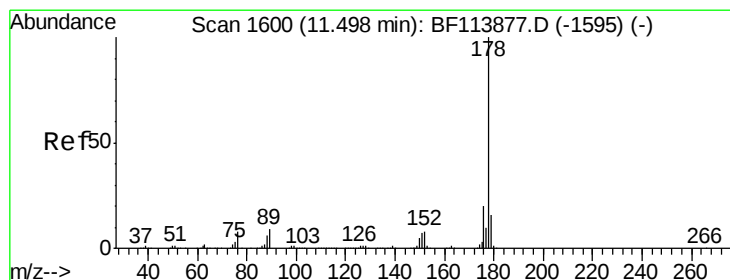
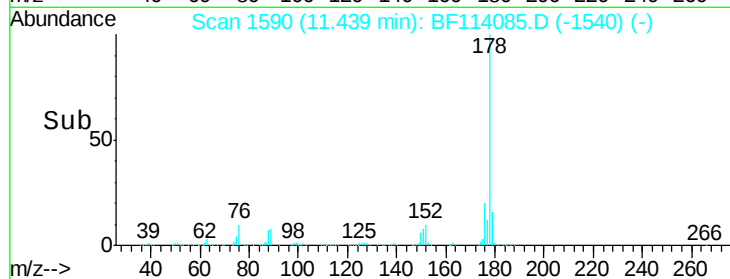
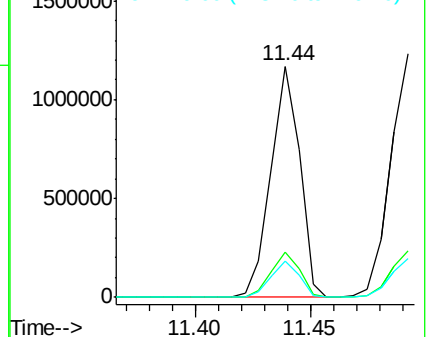
179 15.9 12.8 19.2



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: 41.064 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

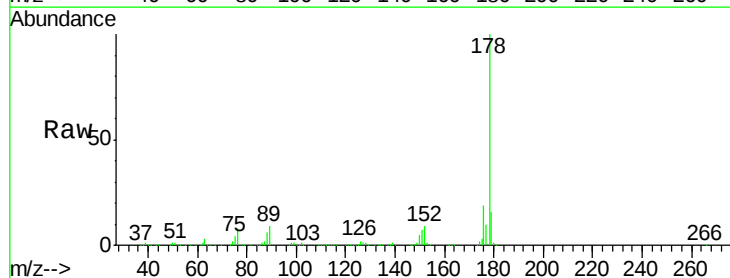
Tgt Ion:178 Resp: 1052206

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

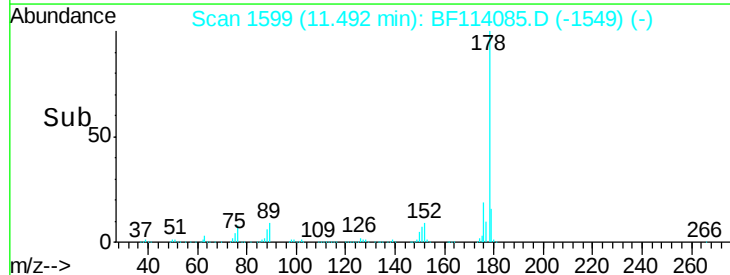
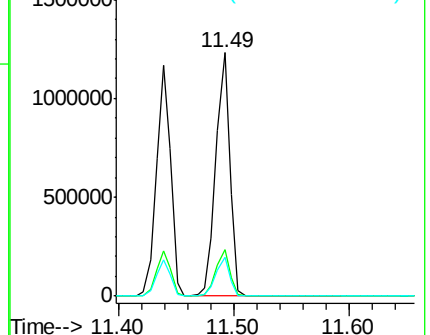
179 16.0 13.0 19.4

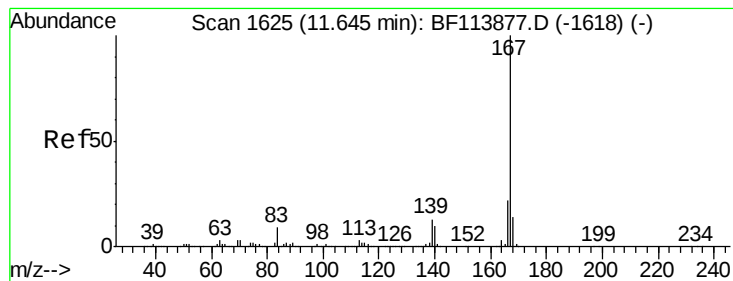


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.427 ng

RT: 11.65 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

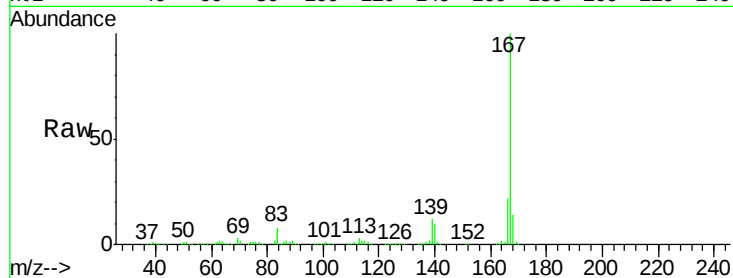
Tot Ion:167 Resp: 947016

Ion Ratio Lower Upper

167 100

166 22.3 17.7 26.5

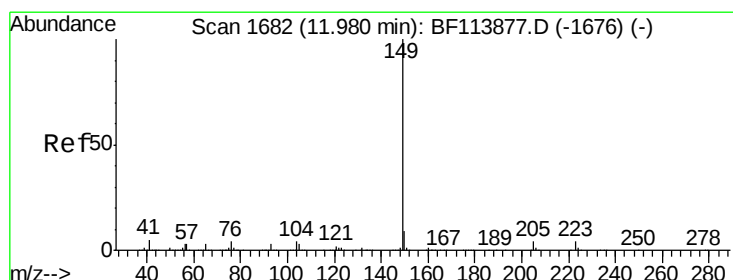
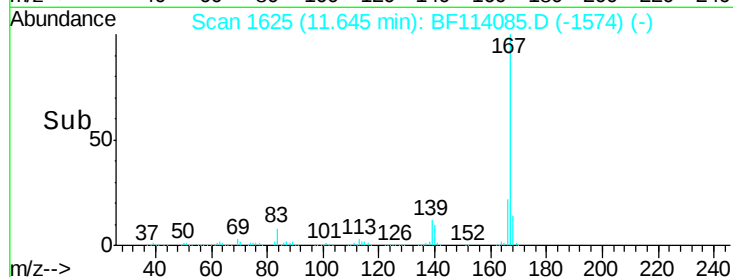
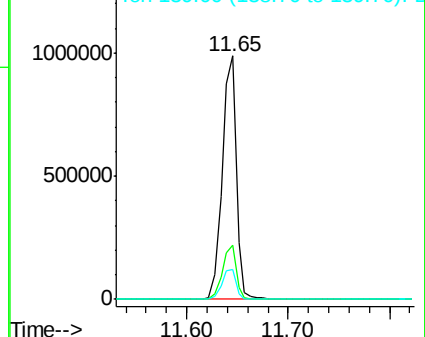
139 12.3 10.0 15.0



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: 43.015 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

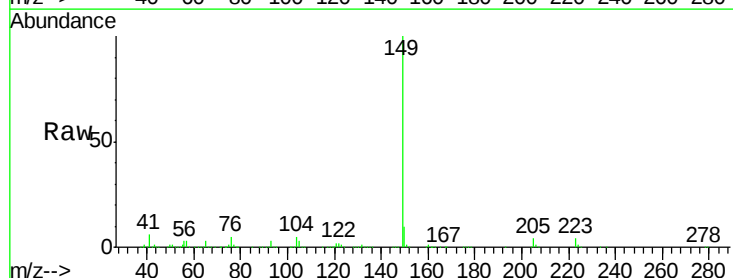
Tgt Ion:149 Resp: 1156704

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

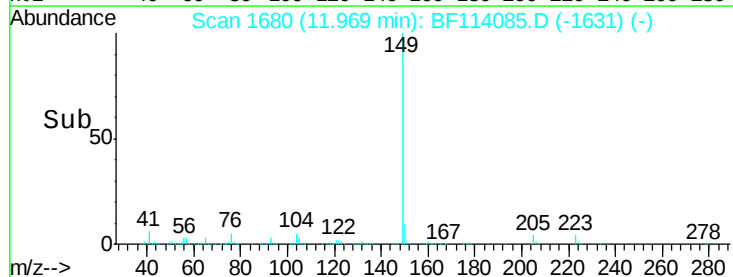
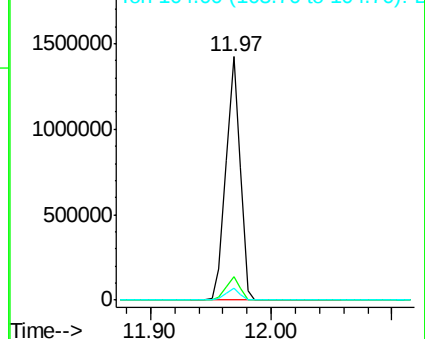
104 4.8 3.8 5.8

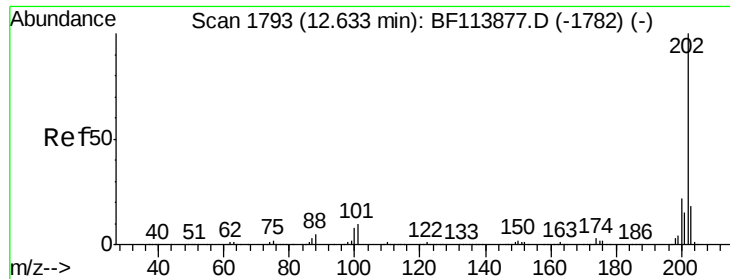


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.443 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

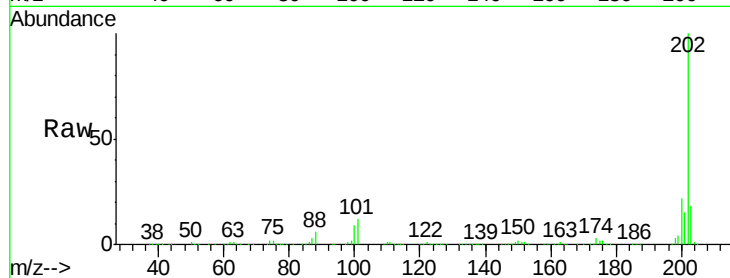
Tot Ion:202 Resp: 1119615

Ion Ratio Lower Upper

202 100

101 11.6 0.0 32.9

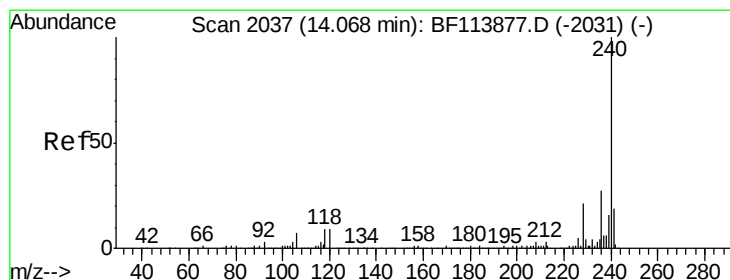
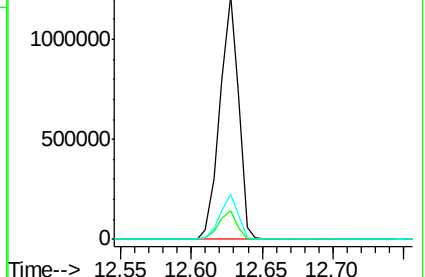
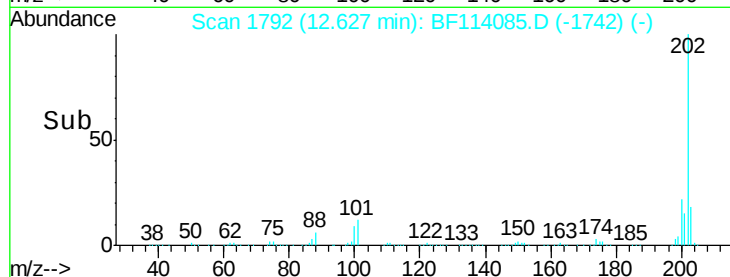
203 18.4 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

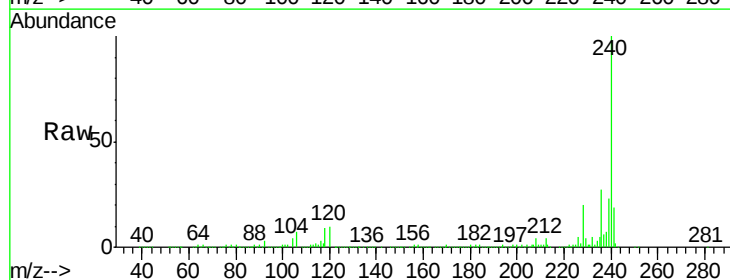
Tgt Ion:240 Resp: 414345

Ion Ratio Lower Upper

240 100

120 9.7 9.3 13.9

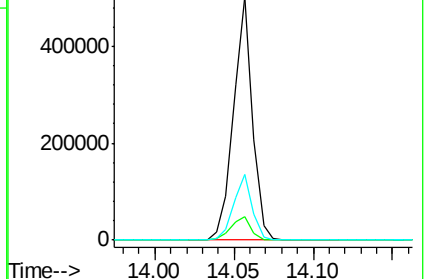
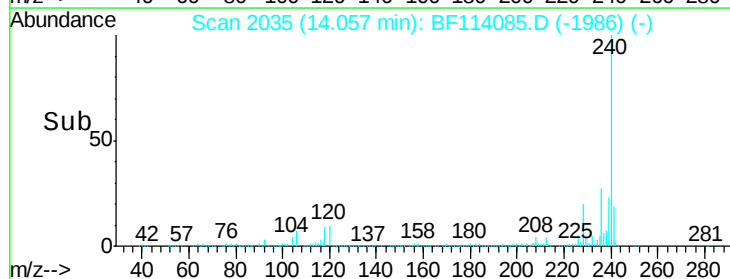
236 27.1 21.2 31.8

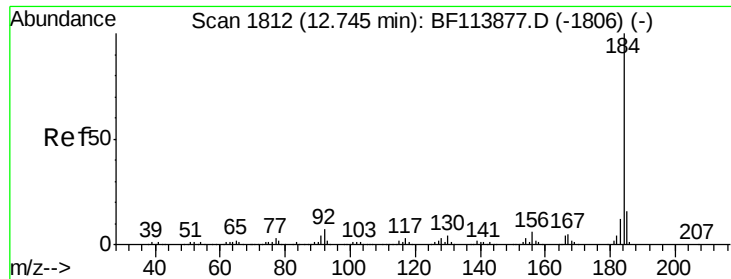


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.308 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

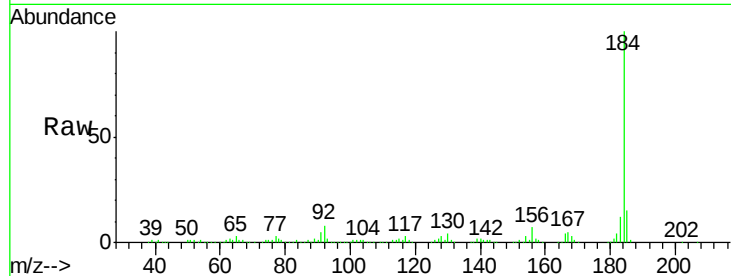
Tot Ion:184 Resp: 386523

Ion Ratio Lower Upper

184 100

185 14.7 13.0 19.6

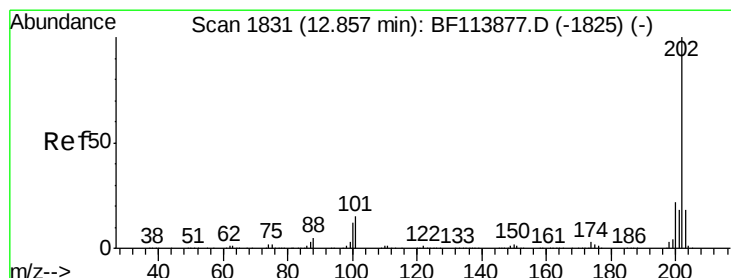
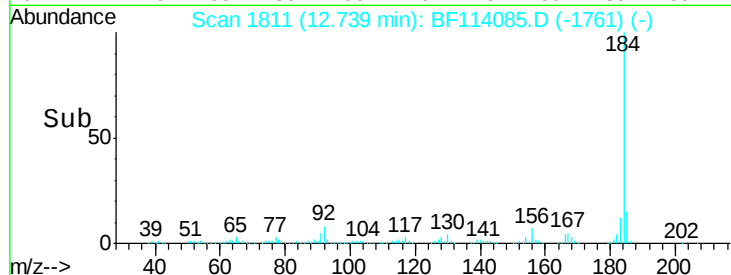
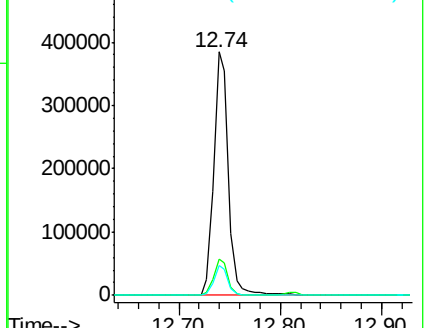
183 12.1 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.821 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

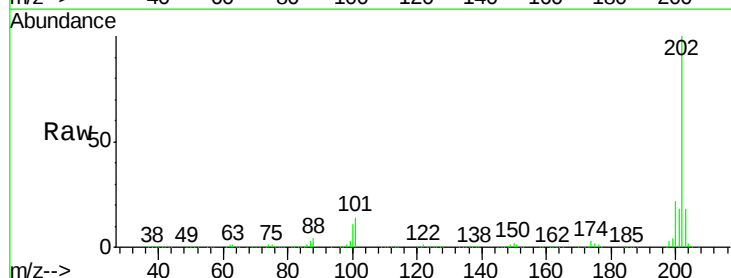
Tgt Ion:202 Resp: 1124872

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

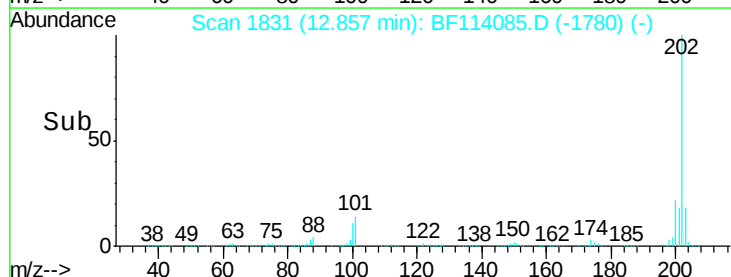
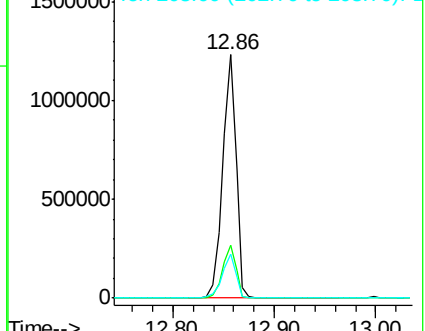
203 18.2 15.0 22.6

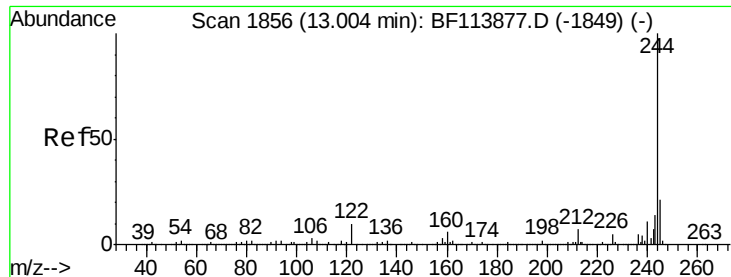


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.596 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

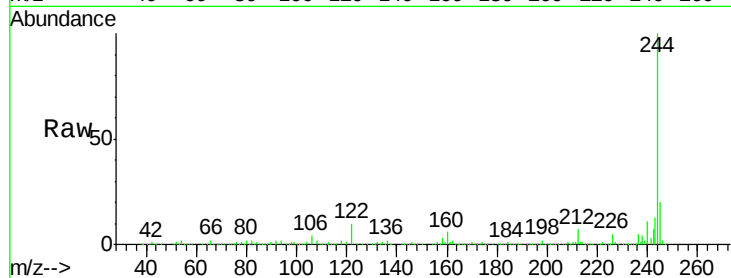
Tot Ion:244 Resp: 1608680

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

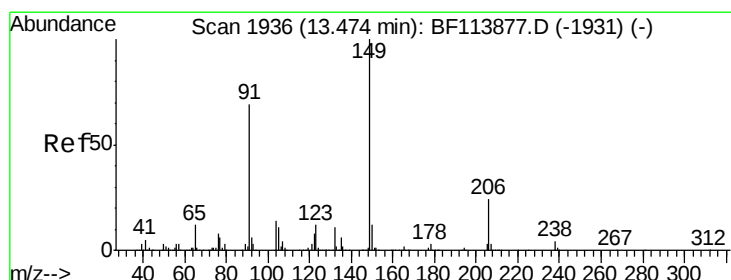
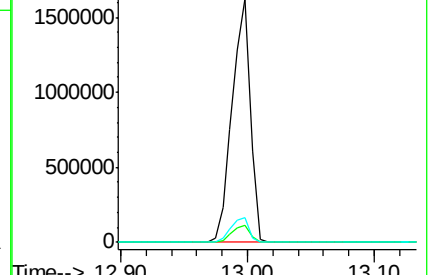
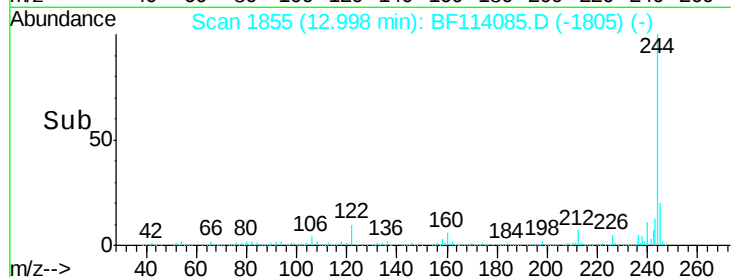
122 10.2 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.418 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

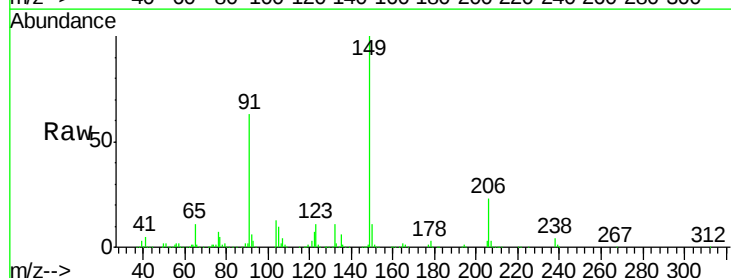
Tgt Ion:149 Resp: 506386

Ion Ratio Lower Upper

149 100

91 62.8 56.3 84.5

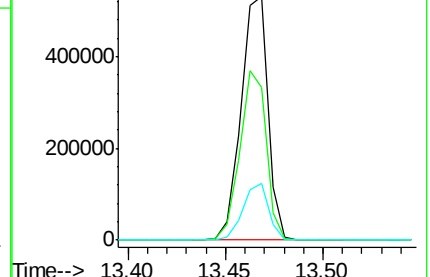
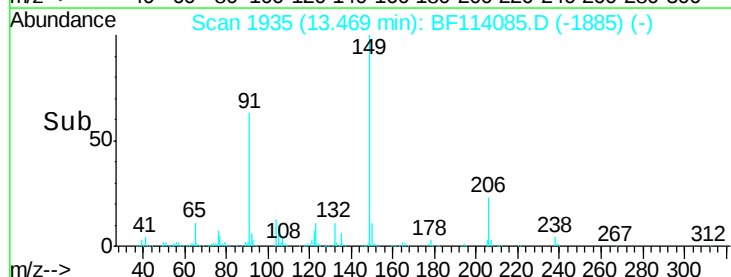
206 23.5 19.0 28.6

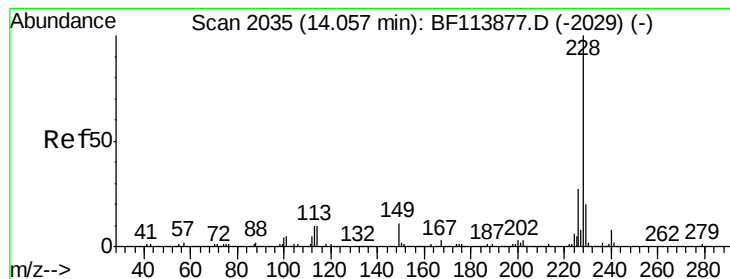


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.486 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

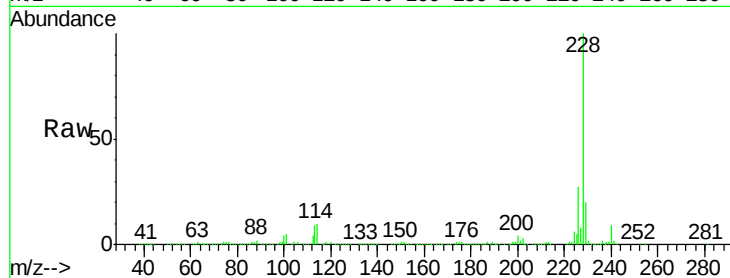
Tot Ion:228 Resp: 1037189

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.2	33.2
229	20.2	16.0	24.0

228 100

226 27.3 22.2 33.2

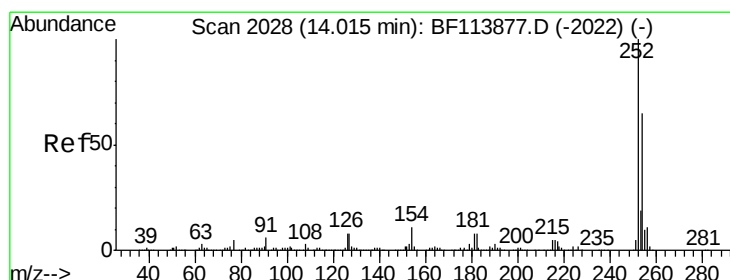
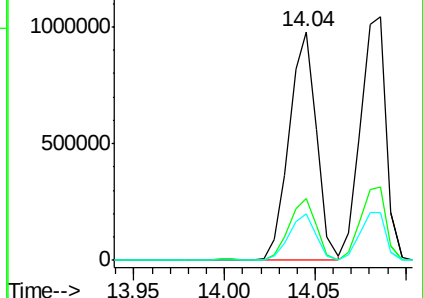
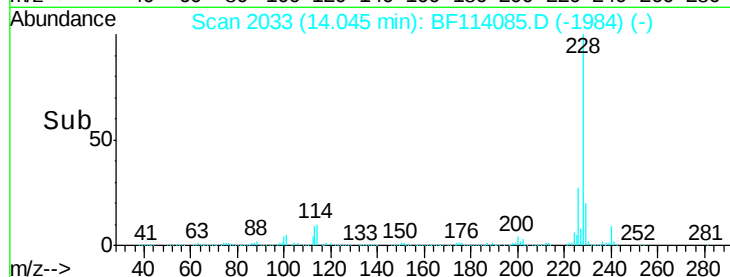
229 20.2 16.0 24.0



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: 41.243 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

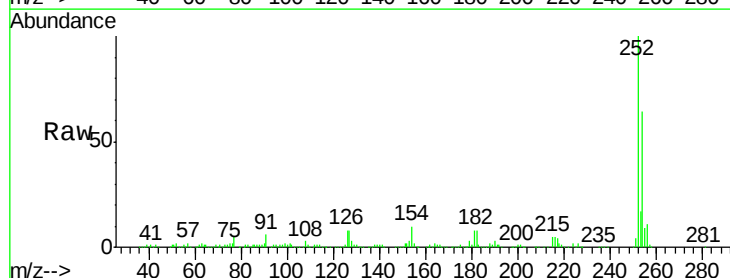
Tgt Ion:252 Resp: 369037

Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.1	78.1
126	8.2	9.3	13.9#

252 100

254 64.3 52.1 78.1

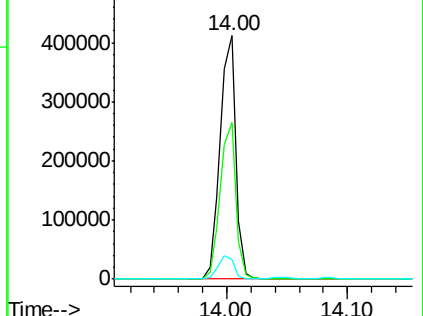
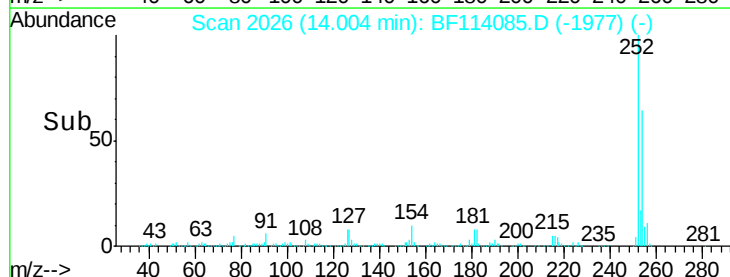
126 8.2 9.3 13.9#

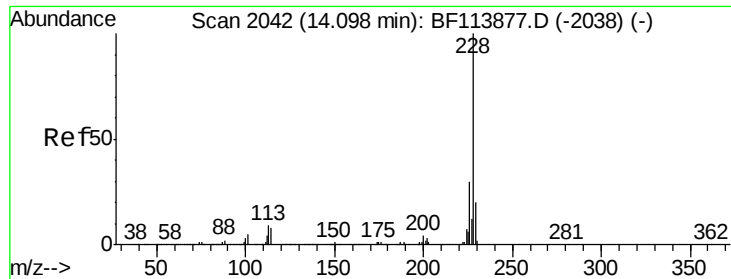


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



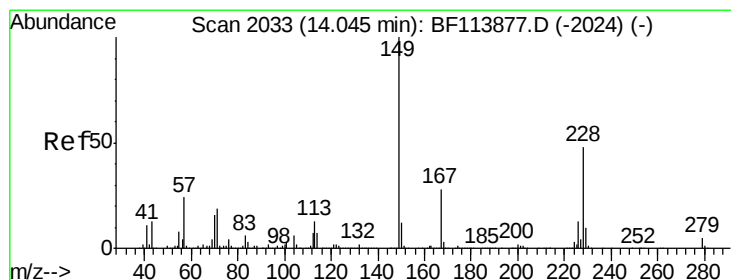
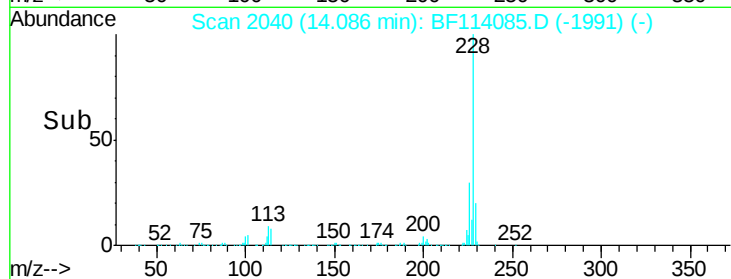
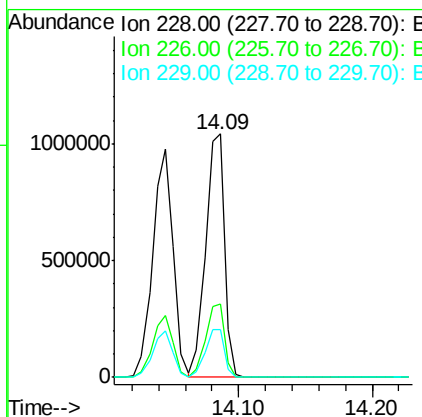
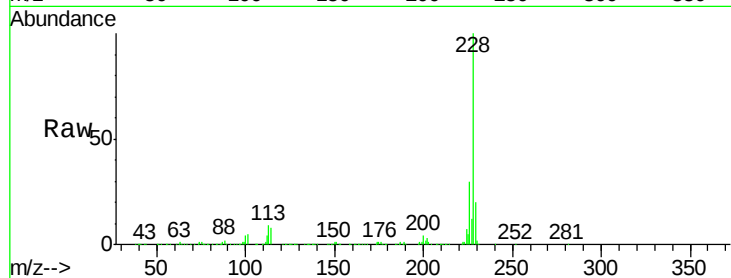


#83
 Chrysene
 Concen: 43.149 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Instrument :
 BNA_F
 ClientSampleId :
 PB119394BS

Tot Ion:228 Resp: 1025880

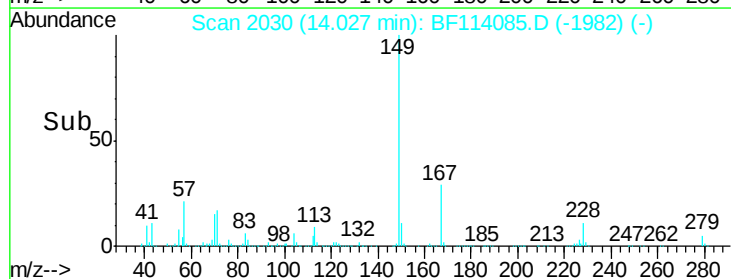
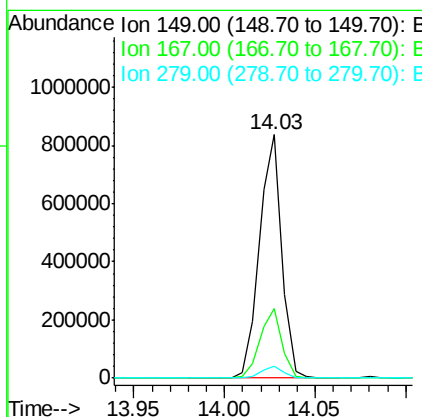
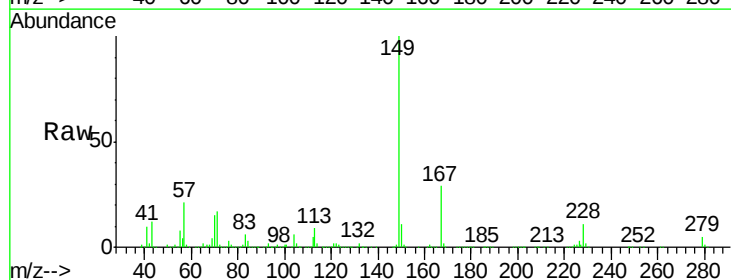
Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.2	37.8
229	19.9	16.7	25.1

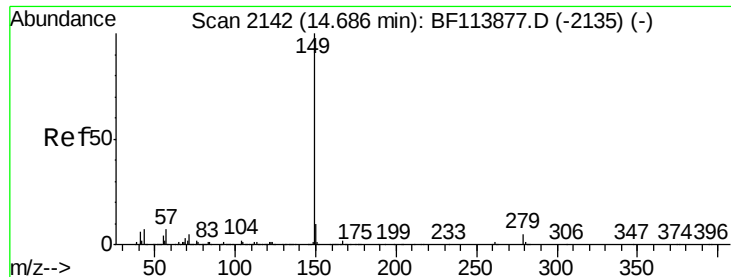


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.089 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Tgt Ion:149 Resp: 712037

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.9	34.3
279	4.9	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 52.515 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.04 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

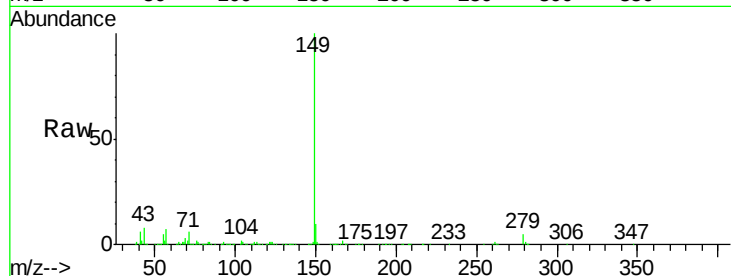
Tot Ion:149 Resp: 1192281

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

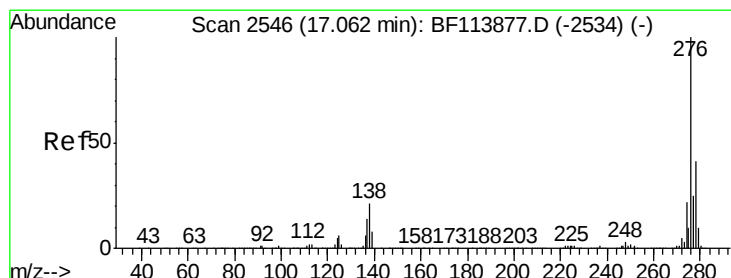
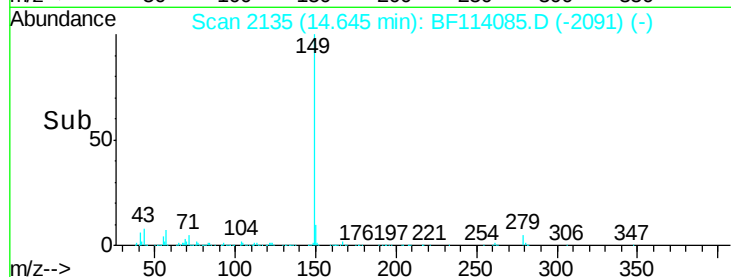
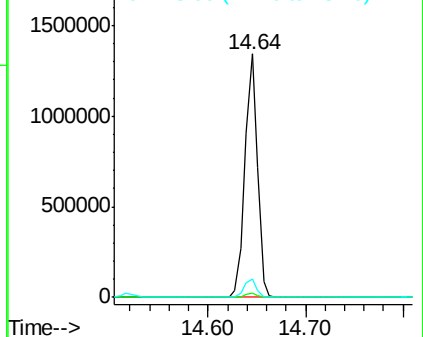
43 7.4 6.6 10.0



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: 45.486 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.02 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

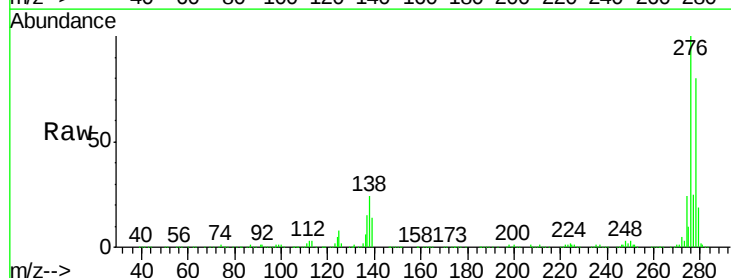
Tgt Ion:276 Resp: 1024387

Ion Ratio Lower Upper

276 100

138 23.0 19.6 29.4

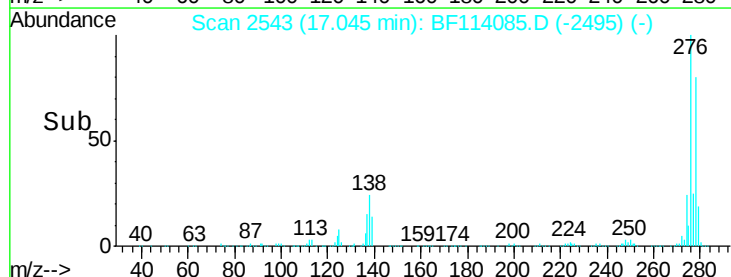
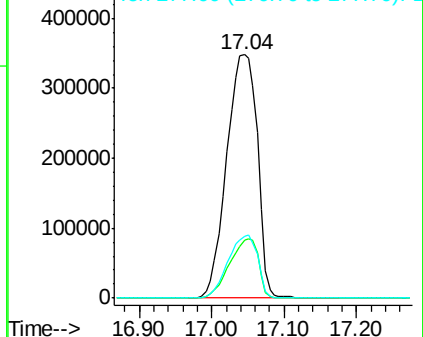
277 25.0 20.2 30.4

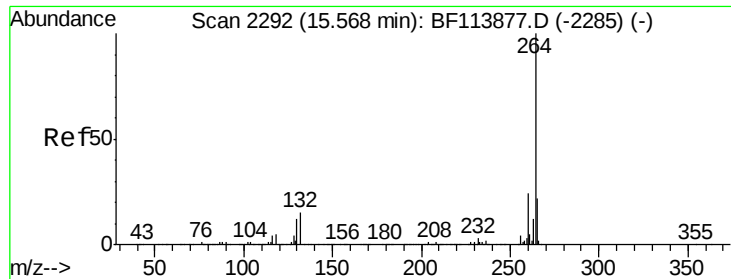


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

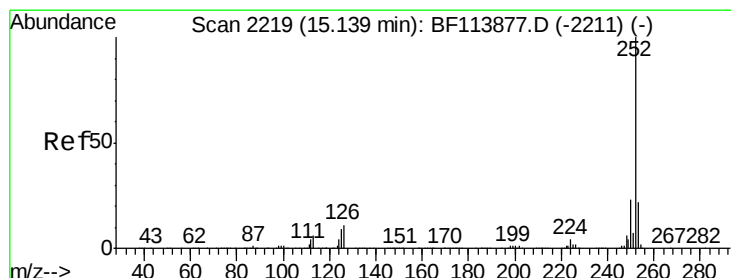
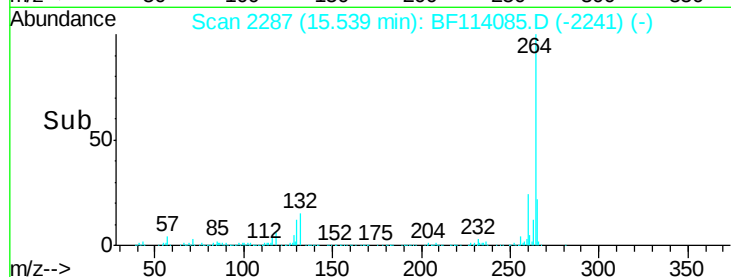
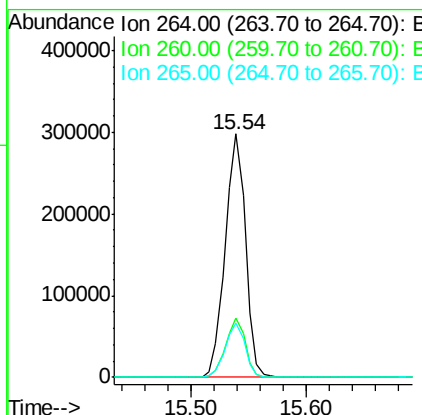
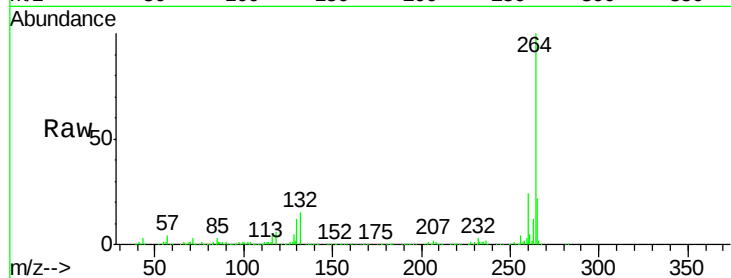




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.03 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

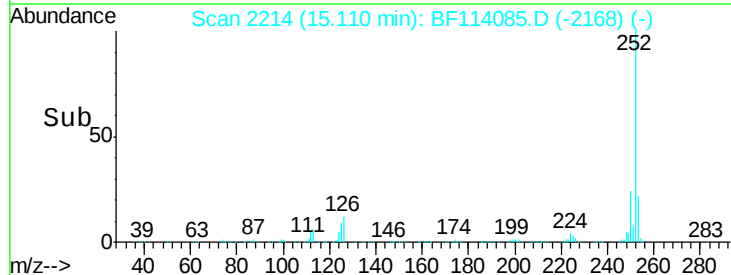
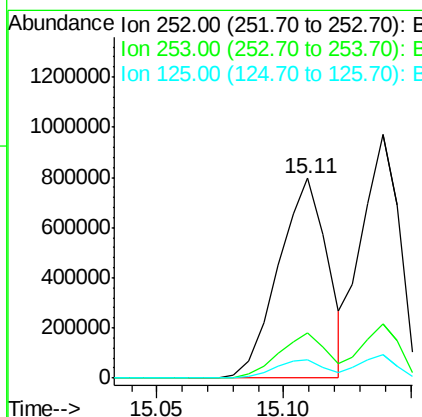
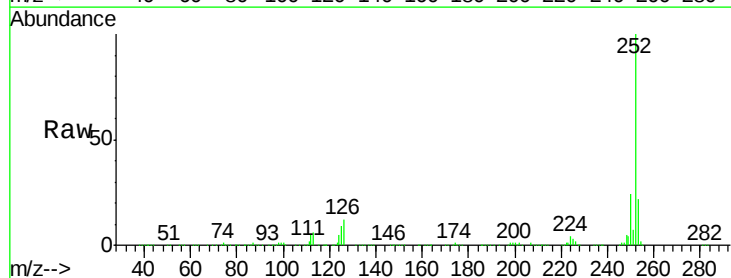
Instrument :
BNA_F
ClientSampleId :
PB119394BS

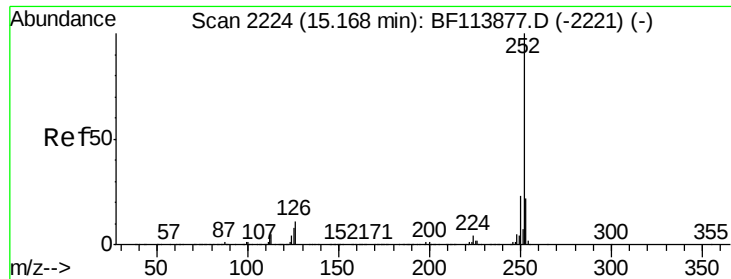
Tot Ion:264 Resp: 363849
Ion Ratio Lower Upper
264 100
260 24.3 18.9 28.3
265 22.4 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 46.713 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion:252 Resp: 1075352
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.2 7.0 10.6

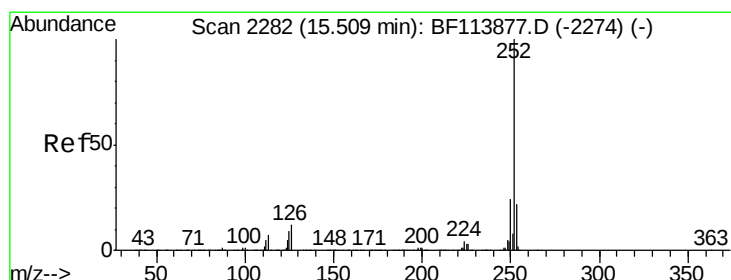
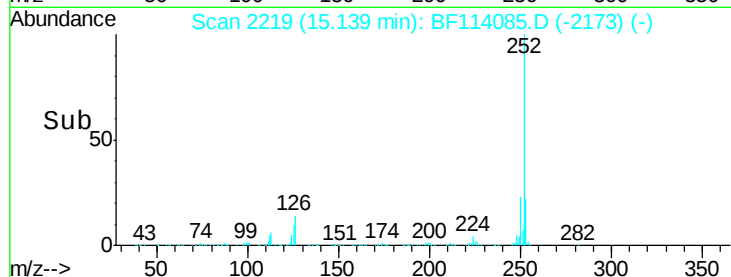
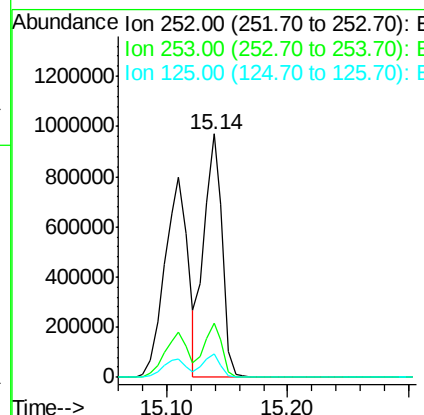
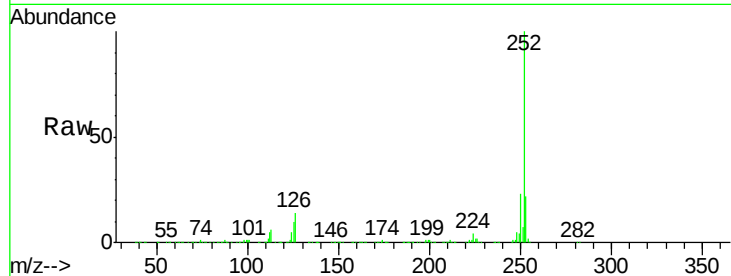




#89
Benzo(k)fluoranthene
Concen: 51.040 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

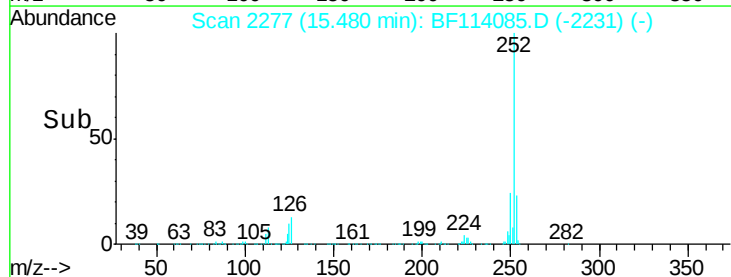
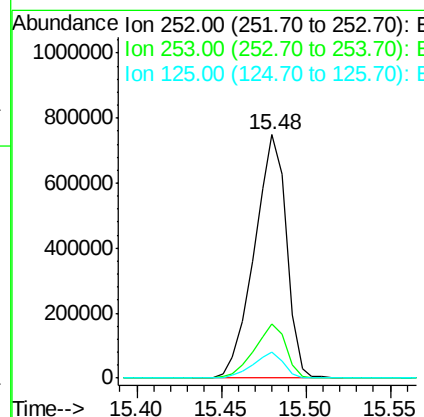
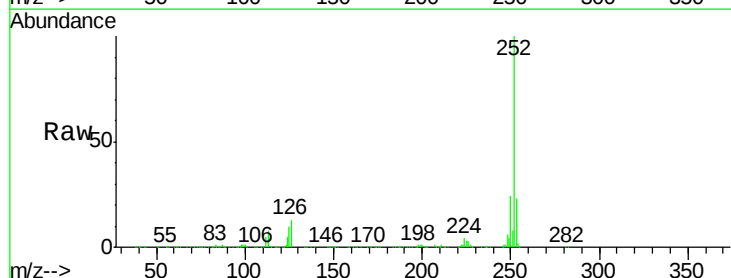
Instrument :
BNA_F
ClientSampleId :
PB119394BS

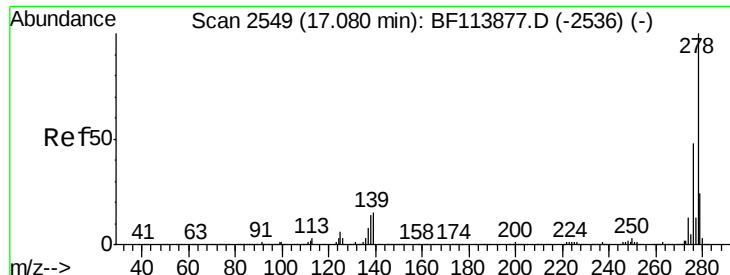
Tot Ion:252 Resp: 1010675
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 9.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 49.864 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion:252 Resp: 992880
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.5 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 46.405 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.02 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

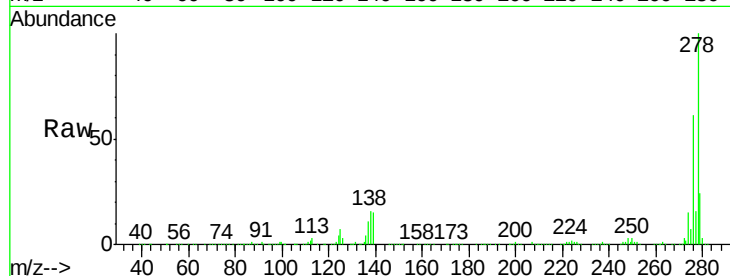
Tot Ion:278 Resp: 867378

Ion Ratio Lower Upper

278 100

139 14.9 11.6 17.4

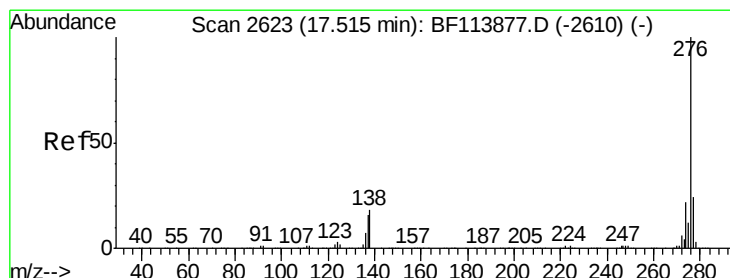
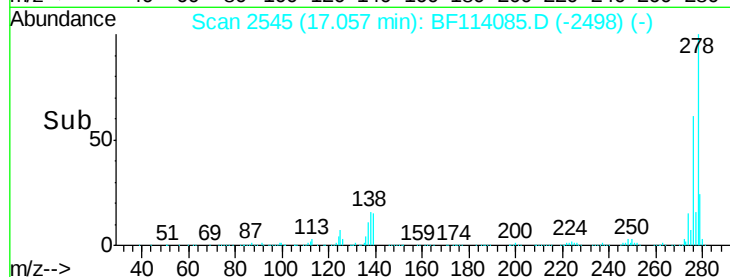
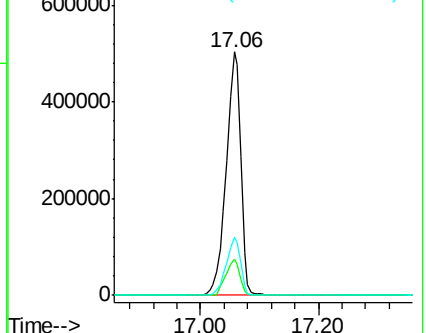
279 24.0 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.787 ng

RT: 17.50 min Scan# 2620

Delta R.T. -0.02 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

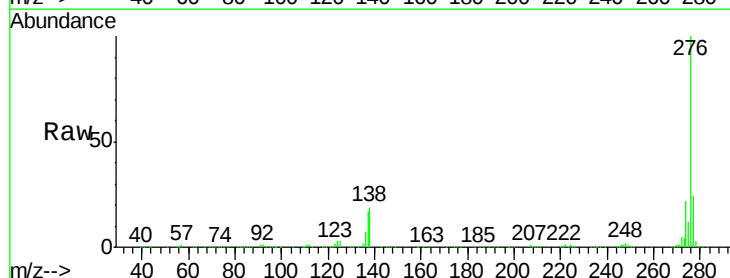
Tgt Ion:276 Resp: 825941

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 19.0 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

