

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110584.D
 Acq On : 8 Nov 2018 15:00
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 08:40:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 14:14:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	78183	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	336674	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	160186	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	300487	20.00	ng	0.00
76) Chrysene-d12	14.13	240	216241	20.00	ng	0.00
87) Perylene-d12	15.66	264	154433	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	394033	81.86	ng	0.00
7) Phenol-d6	6.57	99	498394	80.97	ng	0.00
23) Nitrobenzene-d5	7.52	82	473132	80.93	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	131432	81.43	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	882122	78.65	ng	0.00
79) Terphenyl-d14	13.07	244	914024	79.16	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.78	88	96835	40.38	ng	93
3) Pyridine	3.57	79	216624	41.85	ng	# 86
4) n-Nitrosodimethylamine	3.53	42	95372	42.94	ng	88
6) Aniline	6.61	93	317633	39.57	ng	# 54
8) 2-Chlorophenol	6.73	128	228367	40.47	ng	99
9) Benzaldehyde	6.50	77	132963	40.29	ng	99
10) Phenol	6.59	94	285505	40.00	ng	# 66
11) bis(2-Chloroethyl)ether	6.68	93	213673	39.95	ng	94
12) 1,3-Dichlorobenzene	6.89	146	244616	39.62	ng	98
13) 1,4-Dichlorobenzene	6.96	146	251018	40.04	ng	98
14) 1,2-Dichlorobenzene	7.12	146	234323	40.18	ng	98
15) Benzyl Alcohol	7.09	79	198803	41.27	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	343902	40.94	ng	68
17) 2-Methylphenol	7.19	107	181377	40.39	ng	# 83
18) Hexachloroethane	7.46	117	91610	39.58	ng	98
19) n-Nitroso-di-n-propylamine	7.36	70	160390	40.82	ng	95
20) 3+4-Methylphenols	7.35	107	235440	40.84	ng	# 88
22) Acetophenone	7.36	105	309582	39.46	ng	# 95
24) Nitrobenzene	7.53	77	237949	39.73	ng	96
25) Isophorone	7.77	82	386730	40.36	ng	96
26) 2-Nitrophenol	7.85	139	125280	41.93	ng	99
27) 2,4-Dimethylphenol	7.87	122	183998	40.43	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	263638	40.64	ng	99
29) 2,4-Dichlorophenol	8.09	162	192576	41.13	ng	99
30) 1,2,4-Trichlorobenzene	8.17	180	211857	40.13	ng	95
31) Naphthalene	8.25	128	626126	39.62	ng	99
32) Benzoic acid	8.01	122	141370	43.91	ng	96
33) 4-Chloroaniline	8.30	127	277381	38.75	ng	99
34) Hexachlorobutadiene	8.36	225	120590	39.99	ng	97
35) Caprolactam	8.69	113	65228	41.69	ng	98
36) 4-Chloro-3-methylphenol	8.78	107	207519	41.09	ng	95
37) 2-Methylnaphthalene	8.95	142	417751	40.32	ng	97
38) 1-Methylnaphthalene	9.04	142	397198	39.86	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	203650	40.16	ng	99

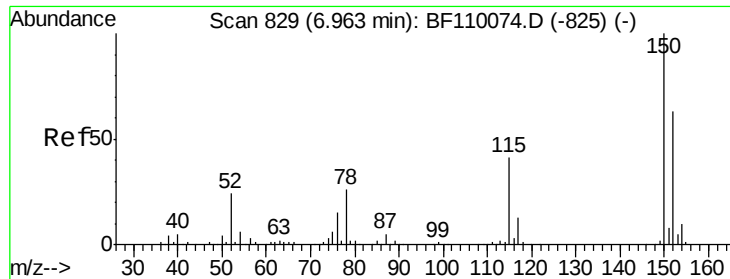
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110584.D
 Acq On : 8 Nov 2018 15:00
 Operator : JU/SJ
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 QLast Update : Thu Nov 08 14:14:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	68400	38.93	nq	99
43) 2,4,6-Trichlorophenol	9.22	196	131307	41.21	nq	95
44) 2,4,5-Trichlorophenol	9.26	196	138437	40.73	nq	93
46) 1,1'-Biphenyl	9.40	154	596325	39.91	nq	99
47) 2-Chloronaphthalene	9.43	162	434816	40.39	nq	99
48) 2-Nitroaniline	9.53	65	136537	41.16	nq	98
49) Acenaphthylene	9.85	152	626477	40.41	nq	98
50) Dimethylphthalate	9.70	163	482437	40.36	nq	99
51) 2,6-Dinitrotoluene	9.77	165	106575	40.53	nq	97
52) Acenaphthene	10.02	154	391327	39.94	nq	98
53) 3-Nitroaniline	9.95	138	126423	41.50	nq	87
54) 2,4-Dinitrophenol	10.06	184	36947	37.90	nq	87
55) Dibenzofuran	10.20	168	576271	40.20	nq	96
56) 4-Nitrophenol	10.10	139	87215	43.16	nq	96
57) 2,4-Dinitrotoluene	10.19	165	142124	41.57	nq	89
58) Fluorene	10.54	166	436401	39.63	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	109680	41.02	nq	97
60) Diethylphthalate	10.40	149	473078	40.01	nq	100
61) 4-Chlorophenyl-phenylether	10.53	204	229299	40.22	nq	97
62) 4-Nitroaniline	10.57	138	125709	40.98	nq	89
63) Azobenzene	10.69	77	465273	40.33	nq	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	64029	42.28	nq	98
66) n-Nitrosodiphenylamine	10.65	169	409521	40.43	nq	96
67) 4-Bromophenyl-phenylether	11.02	248	135243	40.72	nq	# 91
68) Hexachlorobenzene	11.09	284	141955	40.54	nq	97
69) Atrazine	11.17	200	121355	39.19	nq	98
70) Pentachlorophenol	11.29	266	79197	42.39	nq	97
71) Phenanthrene	11.51	178	634938	39.44	nq	100
72) Anthracene	11.56	178	650184	40.04	nq	99
73) Carbazole	11.72	167	628994	40.33	nq	99
74) Di-n-butylphthalate	12.03	149	741401	40.54	nq	98
75) Fluoranthene	12.70	202	647714	40.13	nq	98
77) Benzidine	12.82	184	299700	50.40	nq	98
78) Pyrene	12.93	202	664667	39.92	nq	99
80) Butylbenzylphthalate	13.53	149	291127	40.62	nq	96
81) Benzo(a)anthracene	14.12	228	519541	40.20	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	173657	40.11	nq	99
83) Chrysene	14.16	228	490075	39.80	nq	99
84) Bis(2-ethylhexyl)phthalate	14.08	149	368192	41.42	nq	97
85) Di-n-octyl phthalate	14.70	149	541904	41.45	nq	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	352804	39.93	nq	98
88) Benzo(b)fluoranthene	15.20	252	368520	39.89	nq	100
89) Benzo(k)fluoranthene	15.20	252	368520	40.37	nq	99
90) Benzo(a)pyrene	15.59	252	339442	40.44	nq	98
91) Dibenzo(a,h)anthracene	17.23	278	294380	41.44	nq	99
92) Benzo(g,h,i)perylene	17.70	276	295807	41.97	nq	98

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

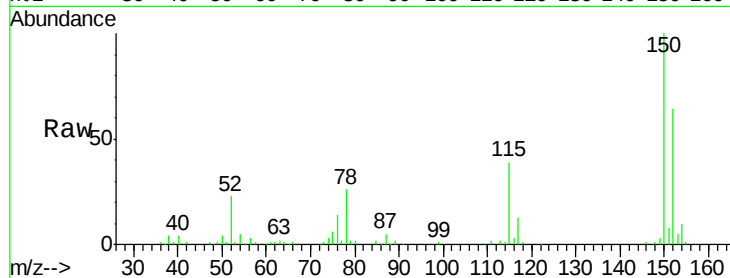


#1

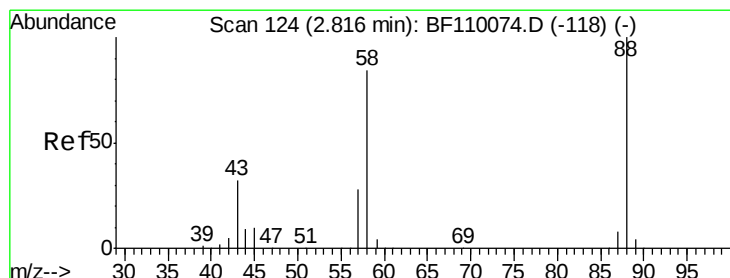
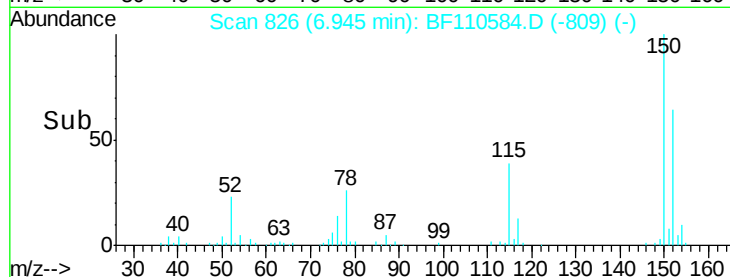
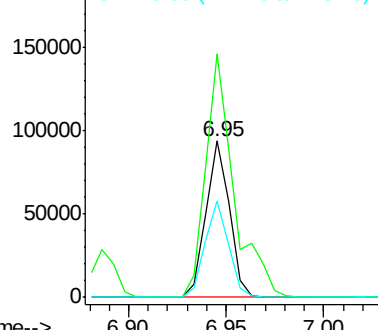
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78183
Ion Ratio Lower Upper
152 100
150 155.5 122.7 184.1
115 61.3 49.1 73.7



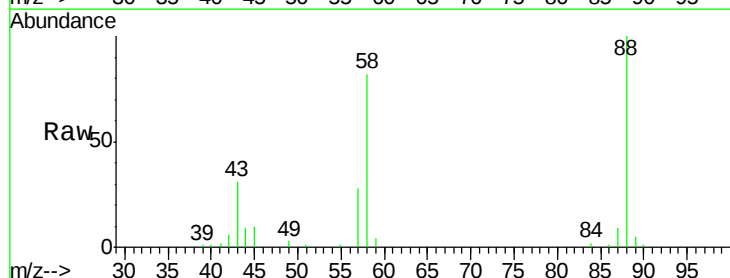
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



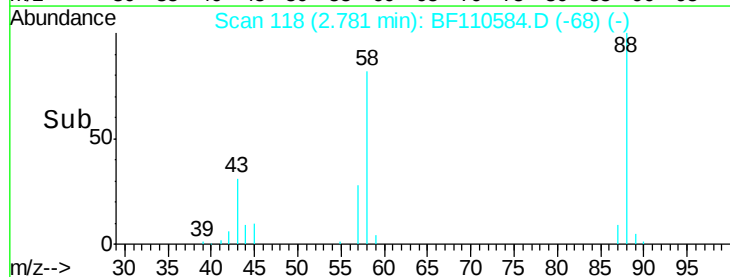
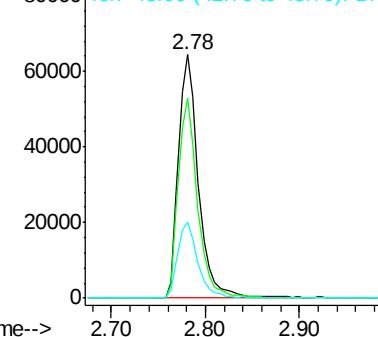
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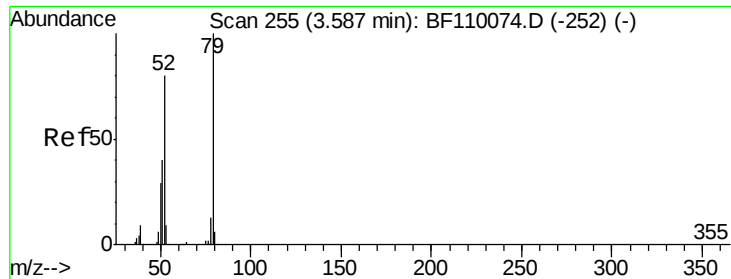
1,4-Dioxane
Concen: 40.38 ng
RT: 2.78 min Scan# 118
Delta R.T. -0.01 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Tgt Ion: 88 Resp: 96835
Ion Ratio Lower Upper
88 100
58 79.1 57.1 85.7
43 31.2 24.1 36.1



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: 41.85 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

Instrument :

BNA_F

ClientSampleId :

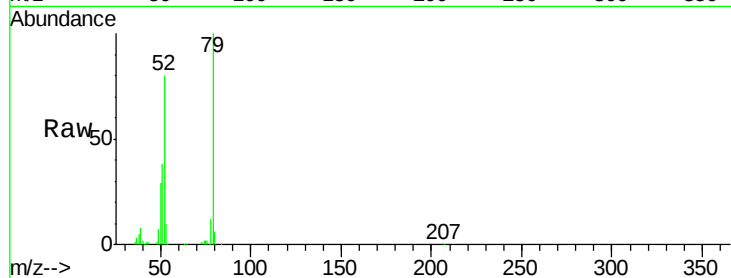
Tot Ion: 79 Resp: 216624

Ion Ratio Lower Upper

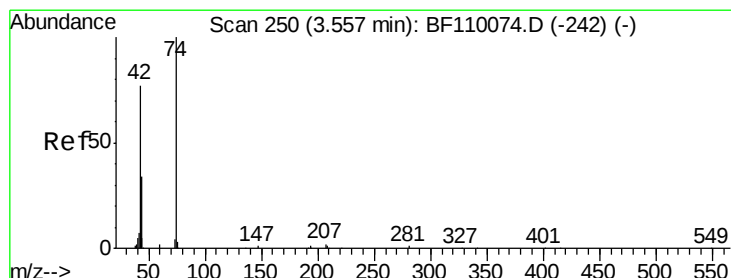
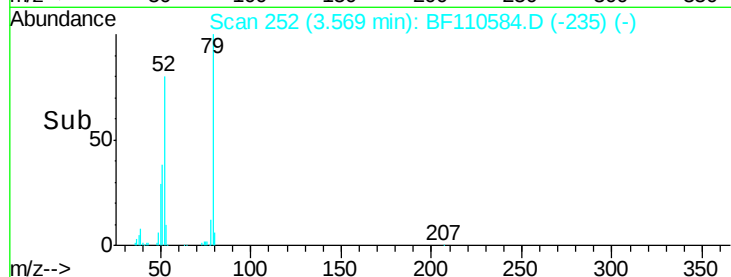
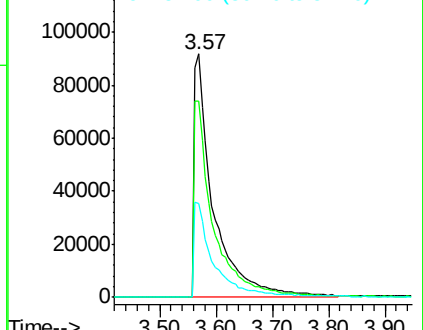
79 100

52 80.4 53.1 79.7#

51 38.4 27.4 41.2



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



#4

n-Nitrosodimethylamine

Concen: 42.94 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

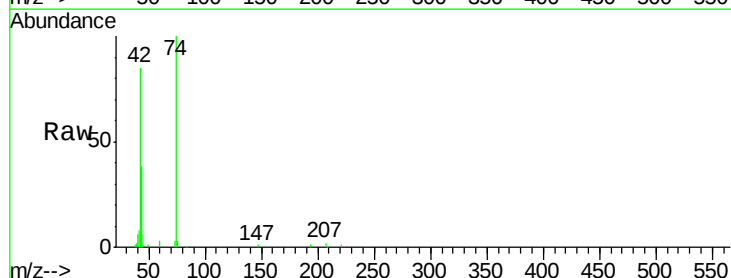
Tgt Ion: 42 Resp: 95372

Ion Ratio Lower Upper

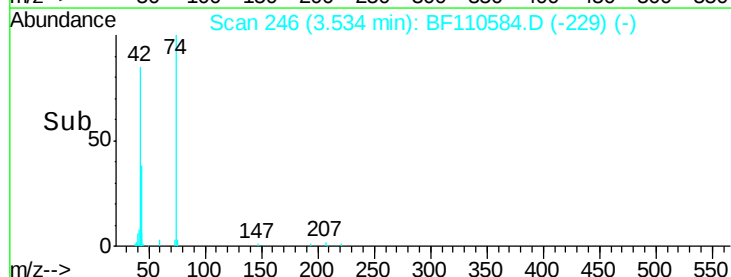
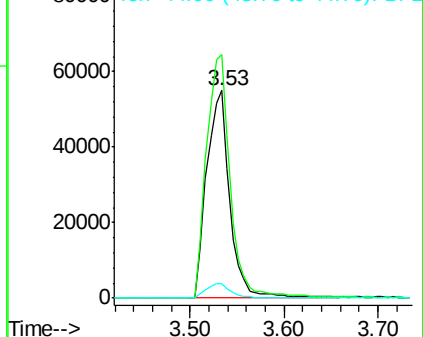
42 100

74 117.5 105.5 158.3

44 7.1 4.9 7.3



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





#5

2-Fluorophenol

Concen: 81.86 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF110584.D

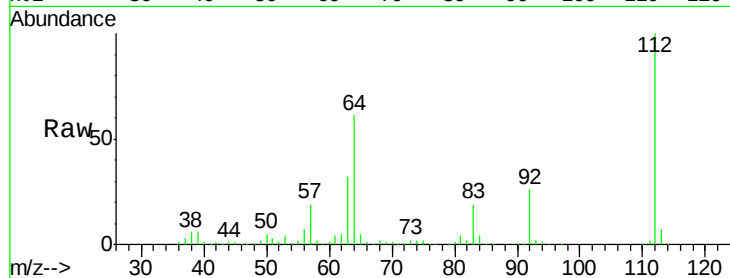
Acq: 8 Nov 2018 15:00

Instrument :

BNA_F

ClientSampleId :

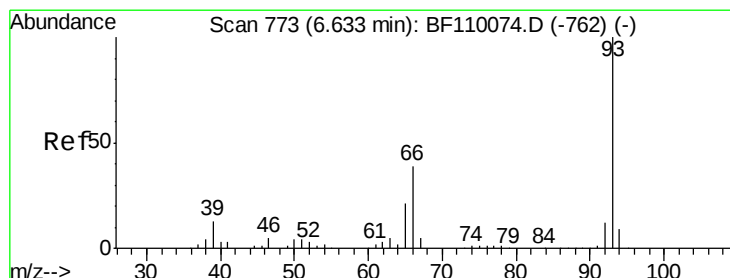
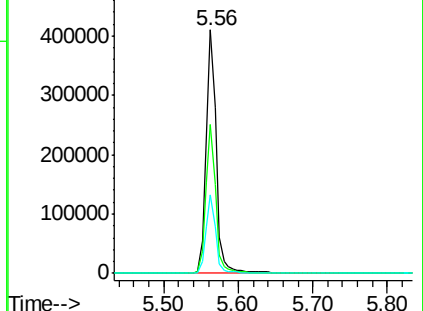
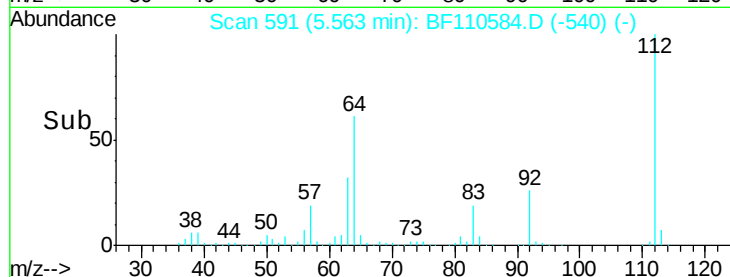
Tot Ion:	112	Resp:	394033
Ion	Ratio	Lower	Upper
112	100		
64	61.4	44.1	66.1
63	32.3	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.57 ng

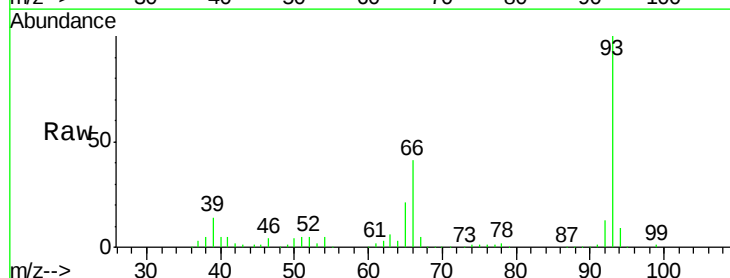
RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

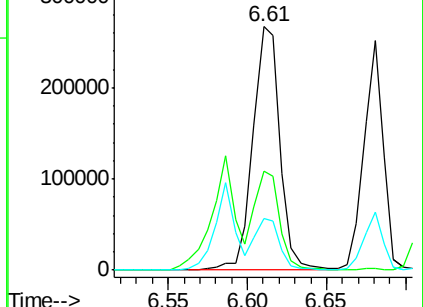
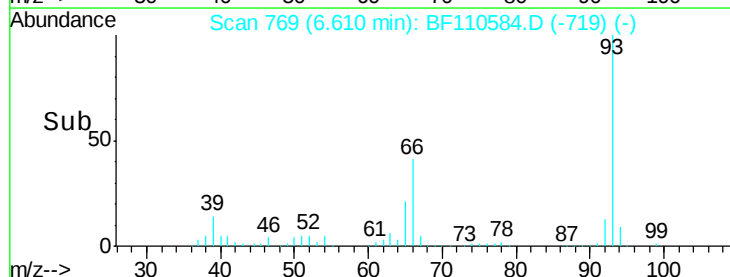
Tgt Ion:	93	Resp:	317633
Ion	Ratio	Lower	Upper
93	100		
66	40.7	67.4	101.0#
65	21.4	41.0	61.4#

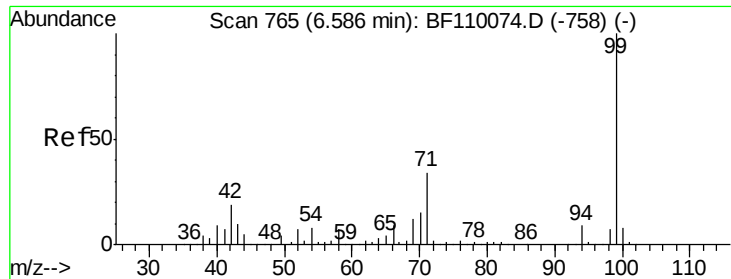


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.97 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

Instrument :

BNA_F

ClientSampleId :

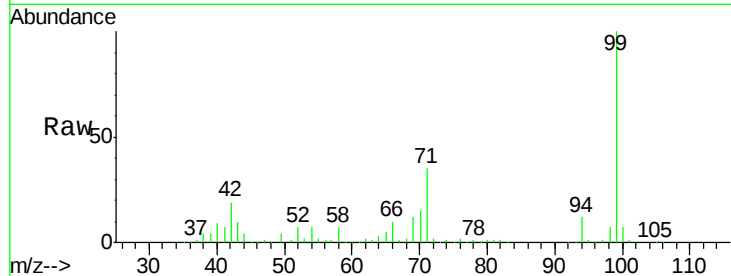
Tot Ion: 99 Resp: 498394

Ion Ratio Lower Upper

99 100

42 19.3 15.8 23.6

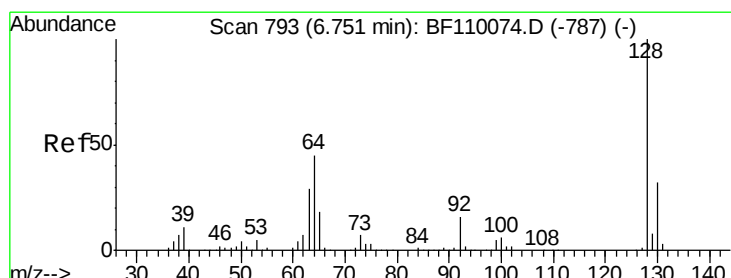
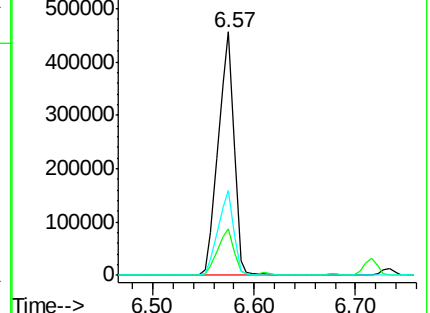
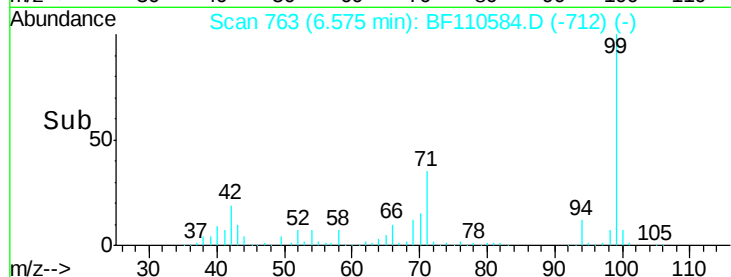
71 34.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.47 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

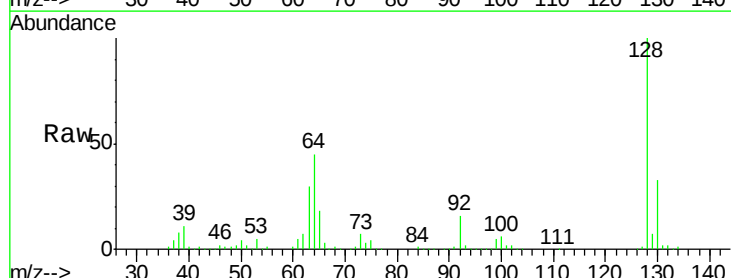
Tgt Ion: 128 Resp: 228367

Ion Ratio Lower Upper

128 100

130 32.6 13.1 53.1

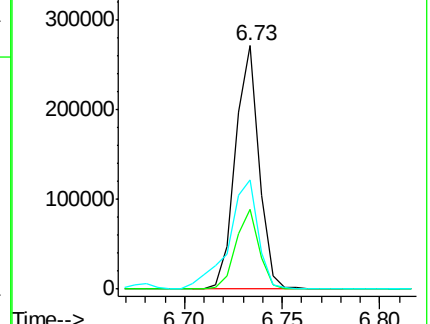
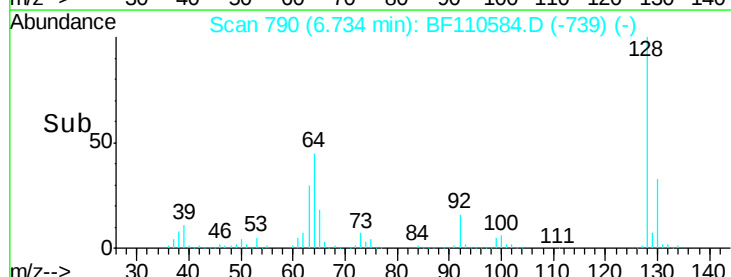
64 44.7 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.29 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

Instrument :

BNA_F

ClientSampleId :

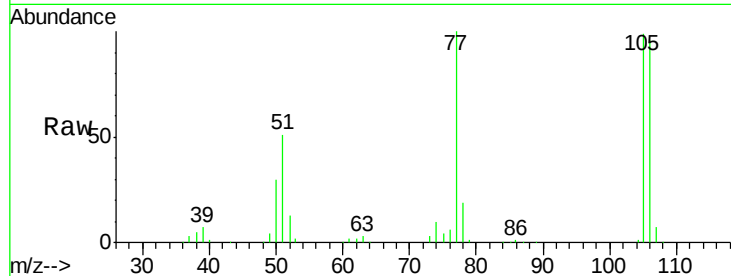
Tot Ion: 77 Resp: 132963

Ion Ratio Lower Upper

77 100

105 99.4 78.6 118.6

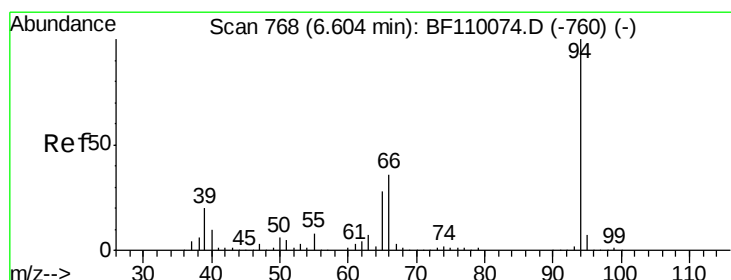
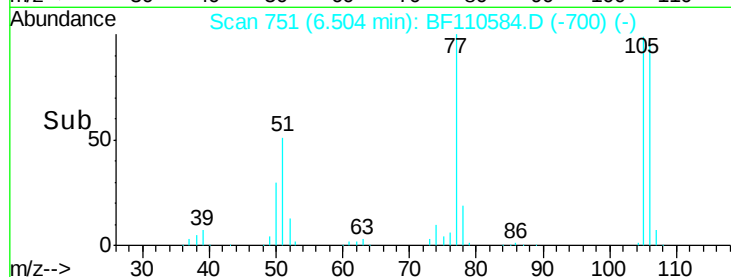
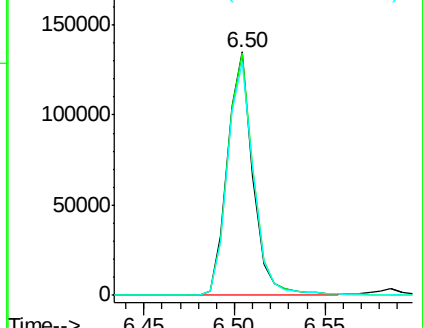
106 96.1 74.8 114.8



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: 40.00 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

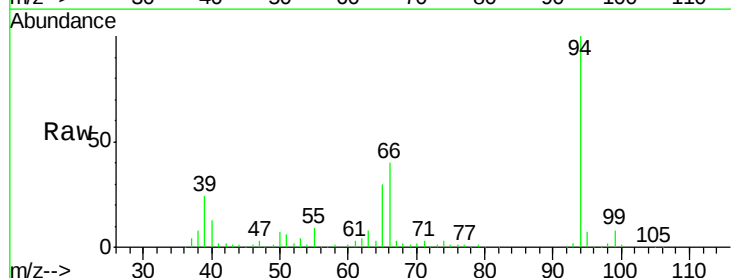
Tgt Ion: 94 Resp: 285505

Ion Ratio Lower Upper

94 100

65 30.1 25.3 65.3

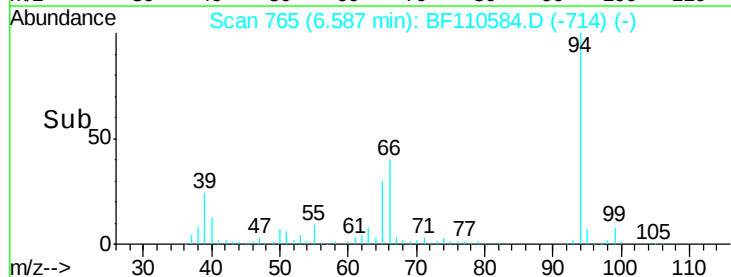
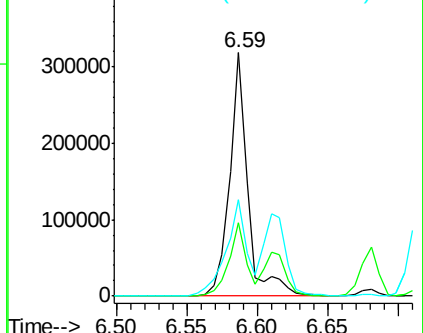
66 39.5 54.5 94.5#

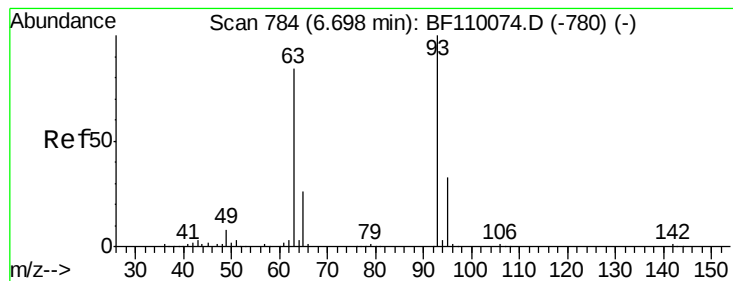


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

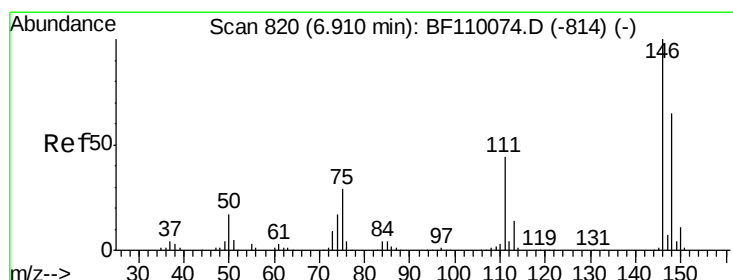
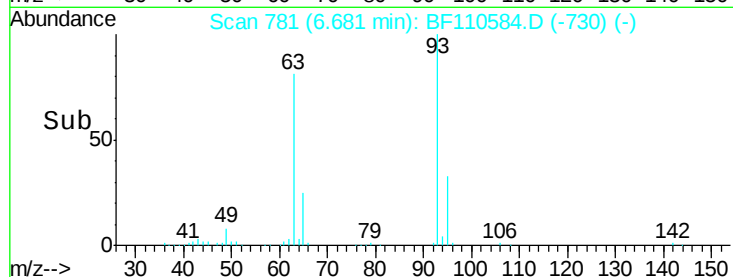
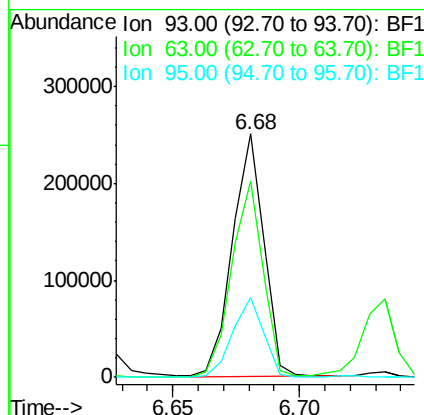
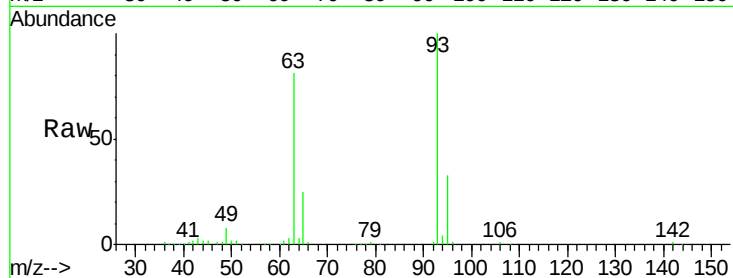




#11
bis(2-Chloroethyl)ether
Concen: 39.95 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

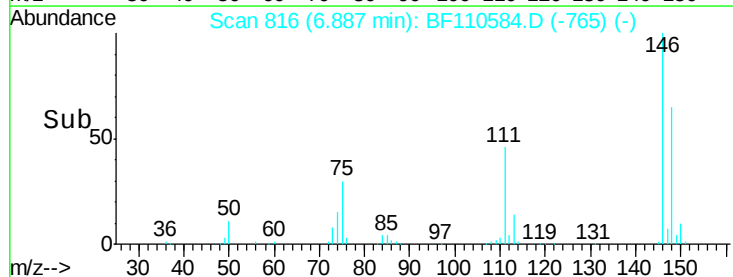
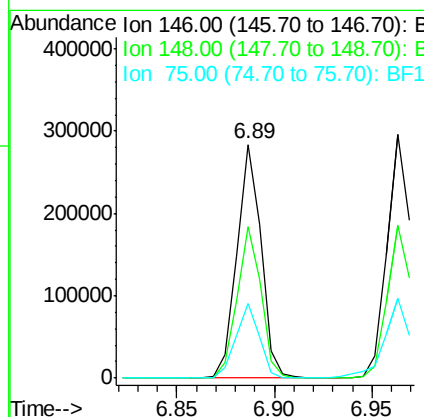
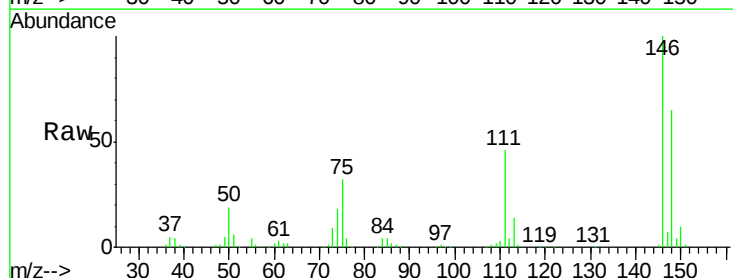
Instrument :
BNA_F
ClientSampleId :

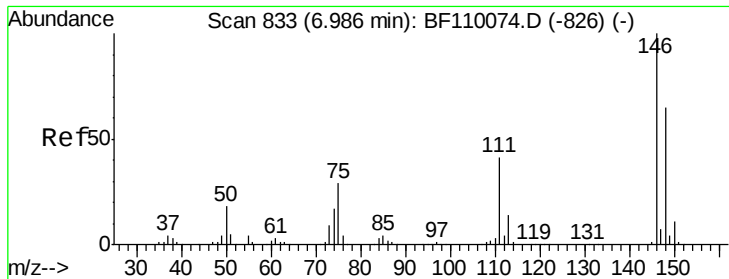
Tot Ion: 93 Resp: 213673
Ion Ratio Lower Upper
93 100
63 80.5 53.4 93.4
95 33.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 39.62 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Tgt Ion: 146 Resp: 244616
Ion Ratio Lower Upper
146 100
148 64.7 50.4 75.6
75 31.7 25.8 38.6

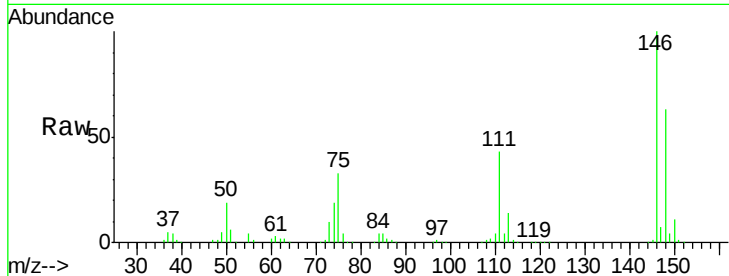




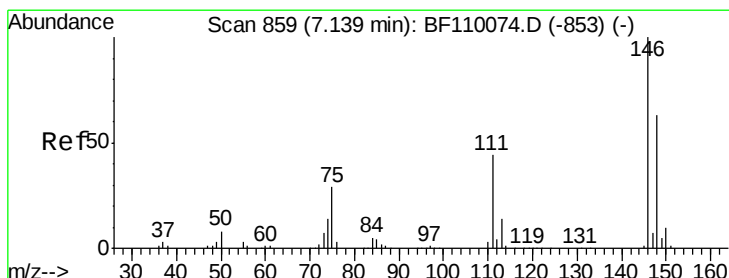
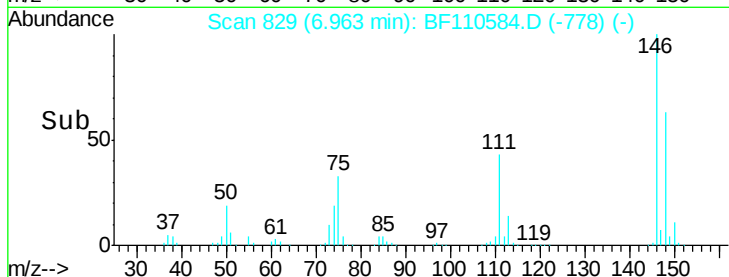
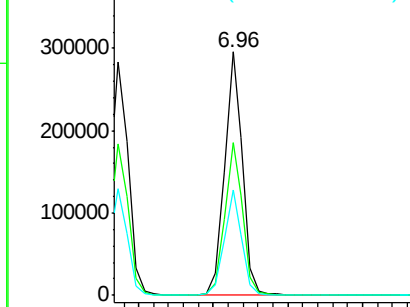
#13
 1,4-Dichlorobenzene
 Concen: 40.04 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF110584.D
 Acq: 8 Nov 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 251018
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.3 75.5
 111 43.4 32.7 49.1

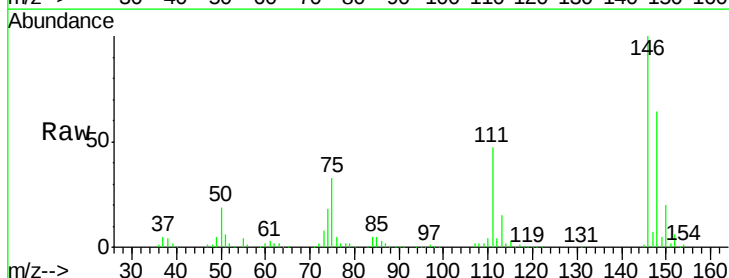


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

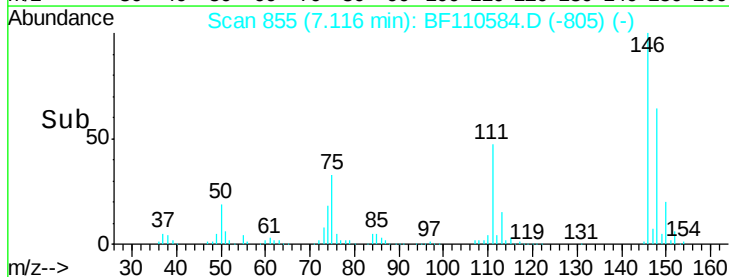
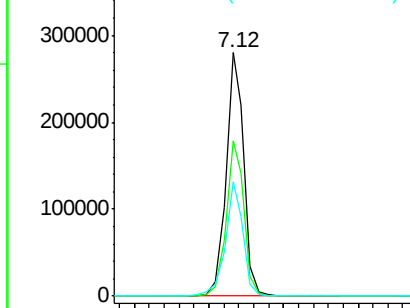


#14
 1,2-Dichlorobenzene
 Concen: 40.18 ng
 RT: 7.12 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF110584.D
 Acq: 8 Nov 2018 15:00

Tgt Ion:146 Resp: 234323
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.1 76.7
 111 47.0 35.8 53.6



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: 41.27 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

Instrument :

BNA_F

ClientSampleId :

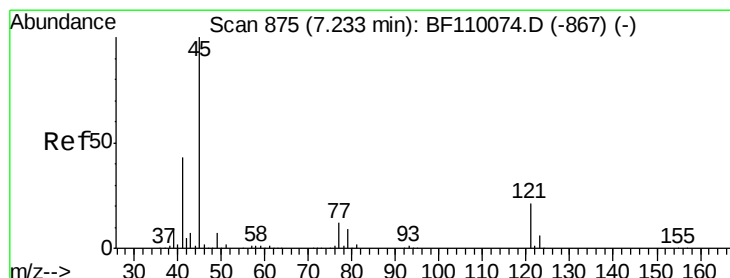
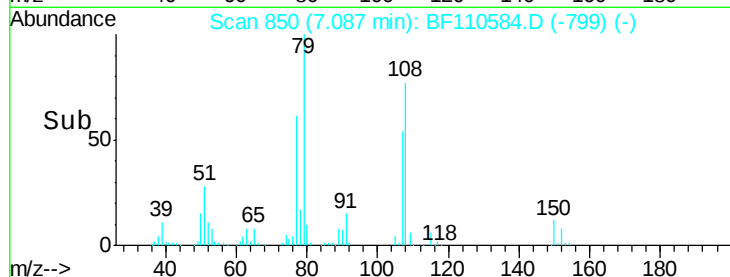
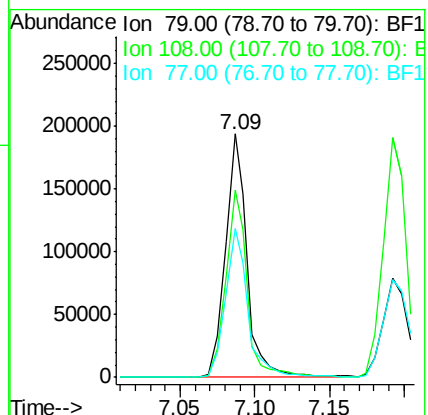
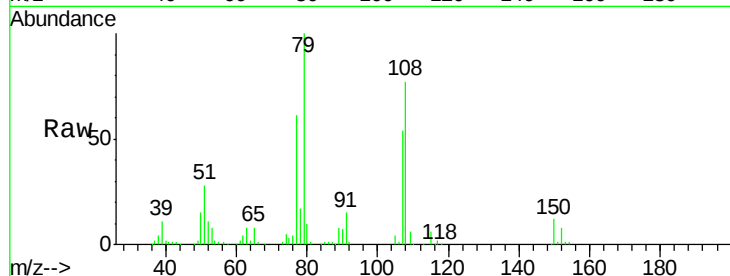
Tot Ion: 79 Resp: 198803

Ion Ratio Lower Upper

79 100

108 76.9 56.3 84.5

77 61.4 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.94 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

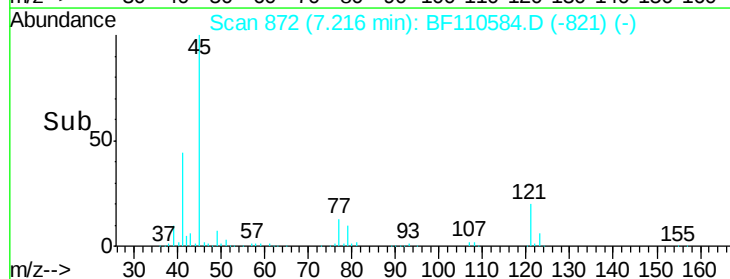
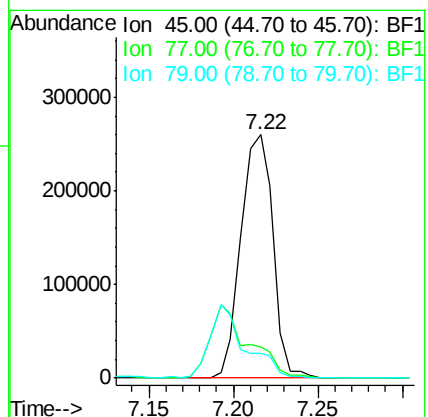
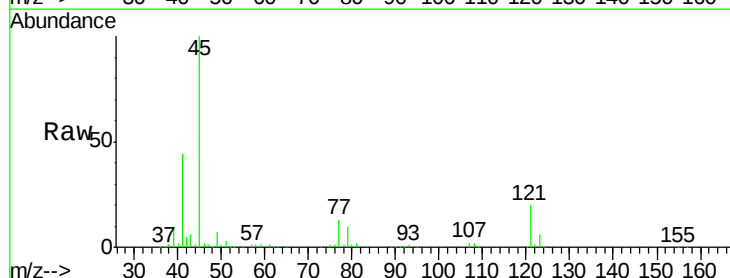
Tgt Ion: 45 Resp: 343902

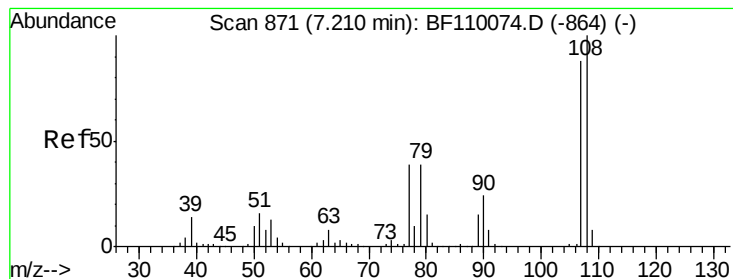
Ion Ratio Lower Upper

45 100

77 12.8 10.0 50.0

79 10.1 6.1 46.1

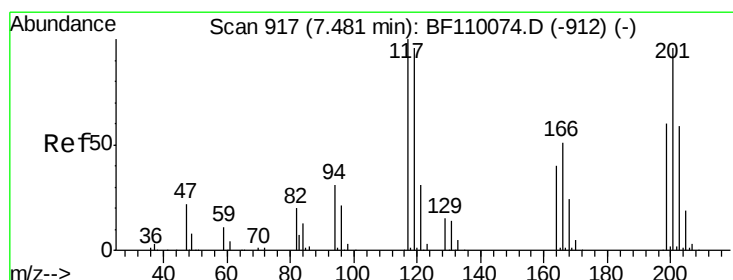
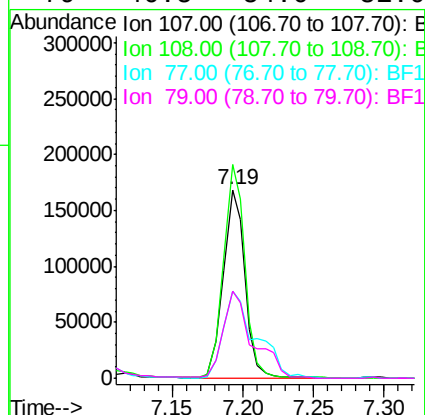
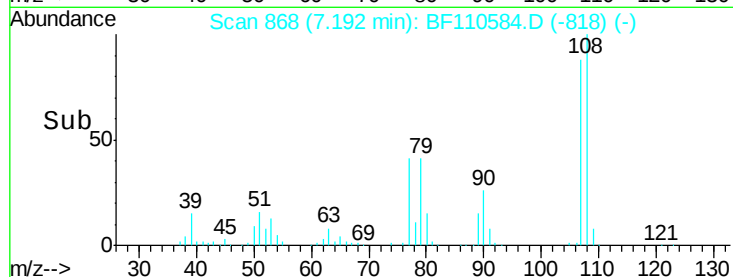
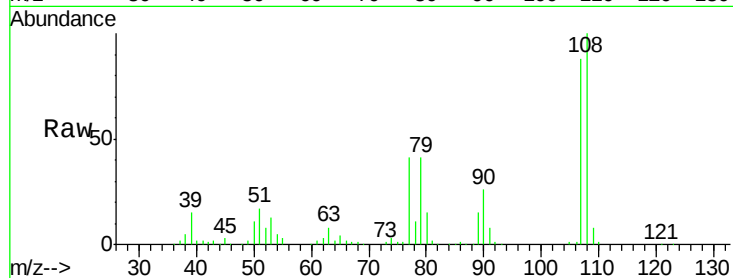




#17
2-Methylphenol
Concen: 40.39 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

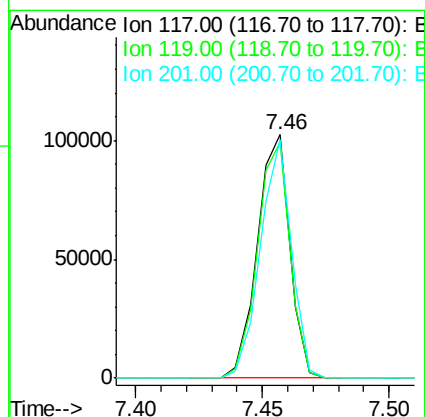
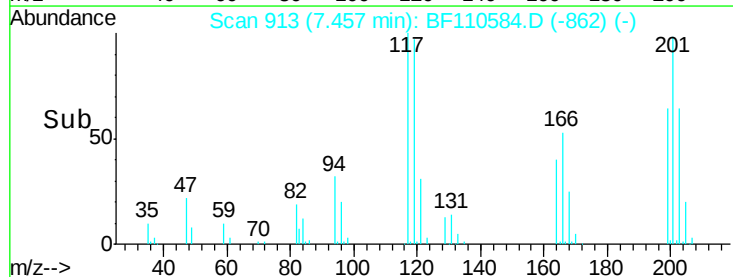
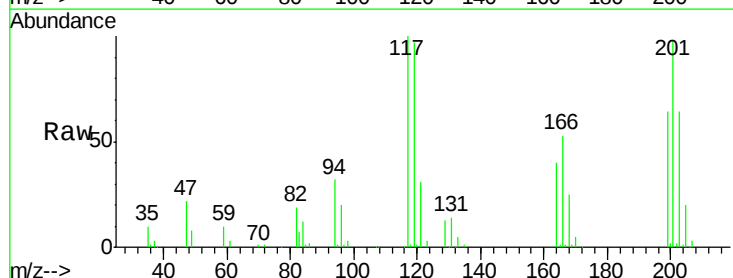
Instrument :
BNA_F
ClientSampled :

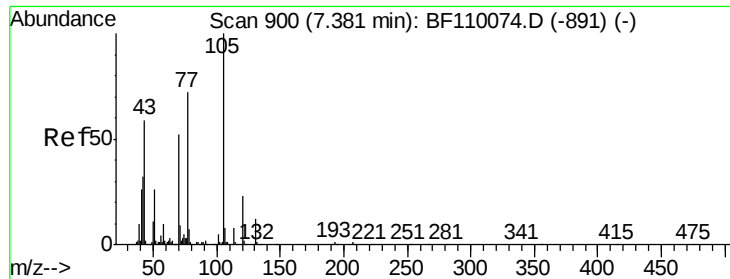
Tot Ion:107 Resp: 181377
Ion Ratio Lower Upper
107 100
108 113.2 92.6 138.8
77 46.4 59.4 89.2#
79 46.5 54.0 81.0#



#18
Hexachloroethane
Concen: 39.58 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Tgt Ion:117 Resp: 91610
Ion Ratio Lower Upper
117 100
119 96.9 75.0 112.6
201 98.0 79.2 118.8

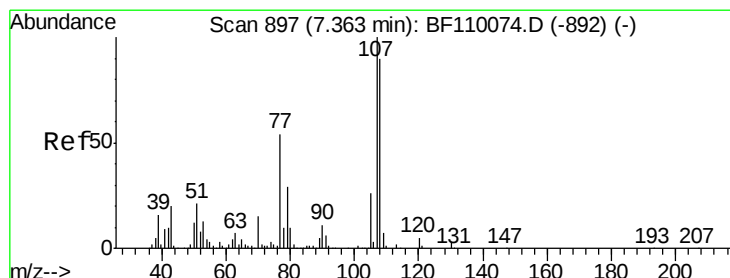
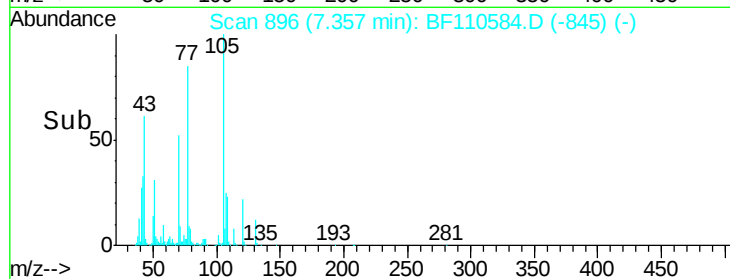
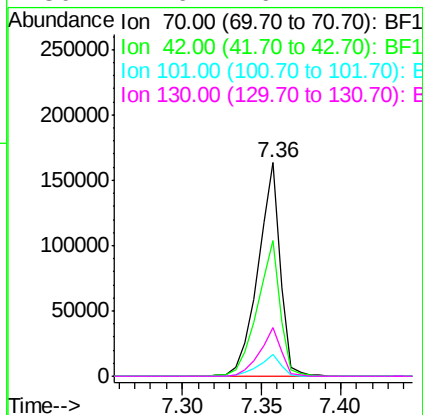
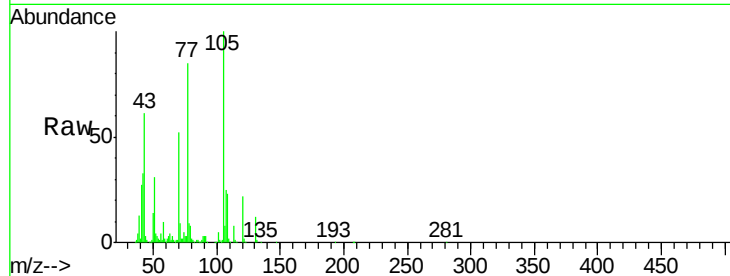




#19
n-Nitroso-di-n-propylamine
Concen: 40.82 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

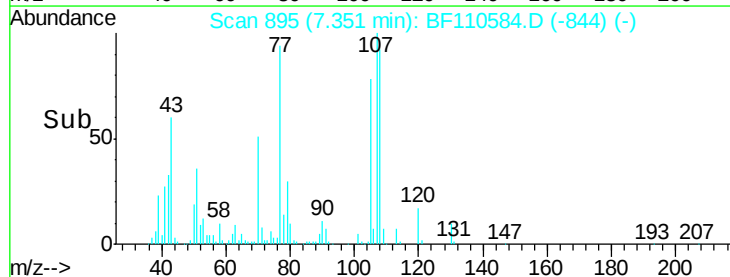
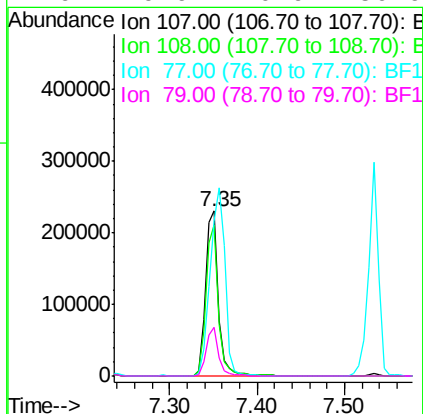
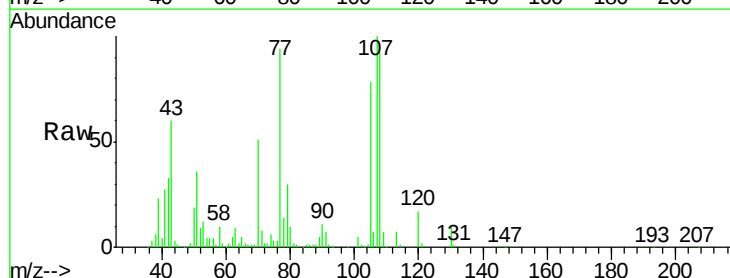
Instrument :
BNA_F
ClientSampleId :

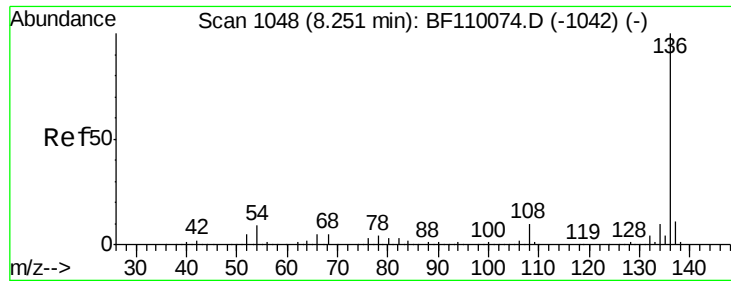
Tot Ion:	70	Resp:	160390
Ion	Ratio	Lower	Upper
70	100		
42	63.8	47.4	71.2
101	10.0	7.3	10.9
130	22.6	16.2	24.2



#20
3+4-Methylphenols
Concen: 40.84 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Tgt Ion:	107	Resp:	235440
Ion	Ratio	Lower	Upper
107	100		
108	91.7	71.4	111.4
77	93.8	47.3	87.3#
79	29.9	10.9	50.9

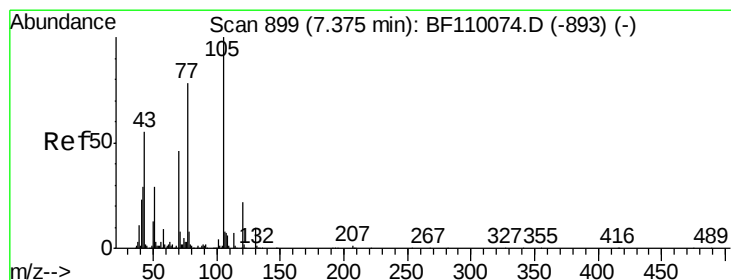
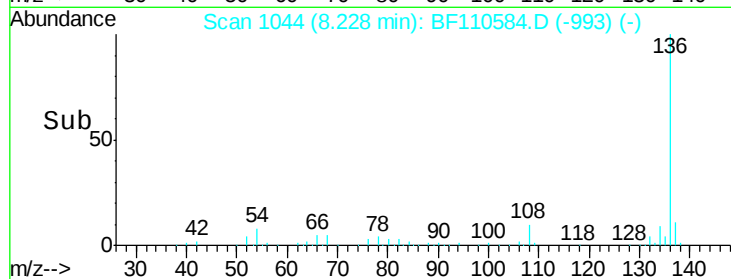
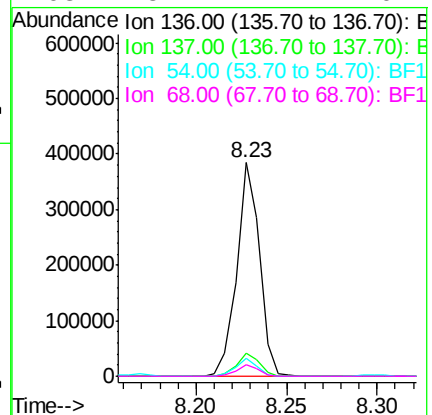
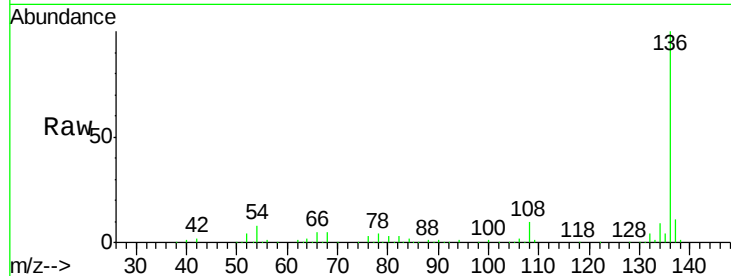




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

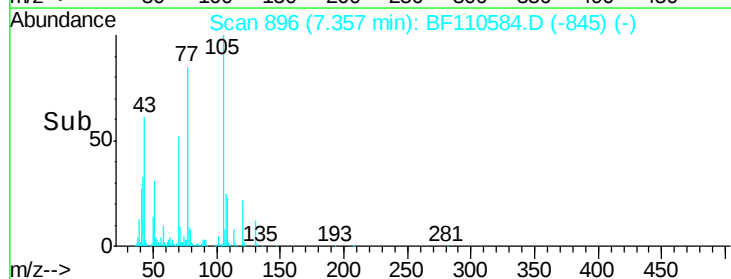
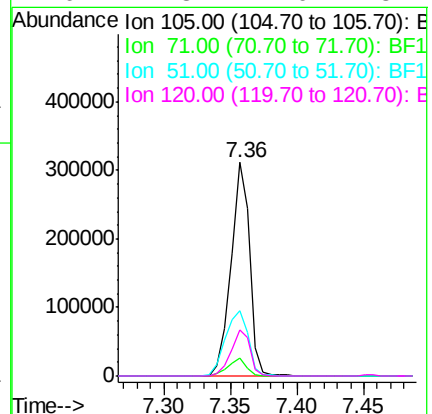
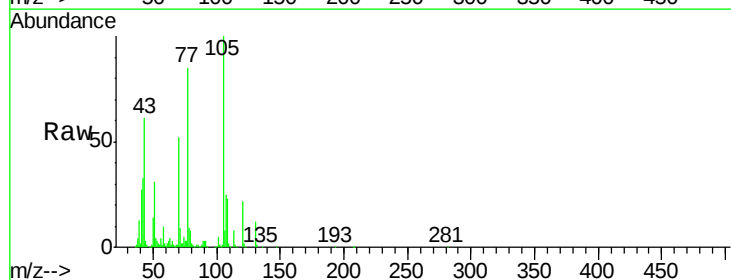
Instrument :
BNA_F
ClientSampled :

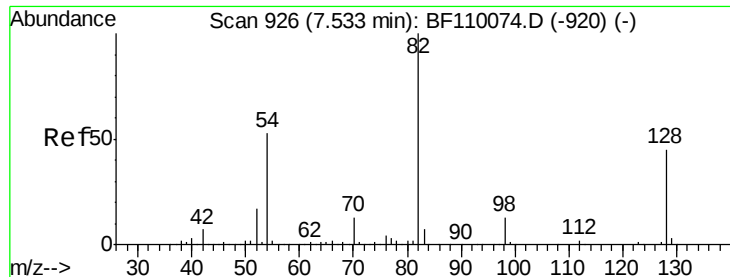
Tot Ion:136	Resp:	336674
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	8.2	5.4 8.2#
68	5.2	4.2 6.2



#22
Acetophenone
Concen: 39.46 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Tgt Ion:105	Resp:	309582
Ion Ratio	Lower	Upper
105	100	
71	8.6	5.2 7.8#
51	30.9	21.8 32.8
120	21.8	17.0 25.4

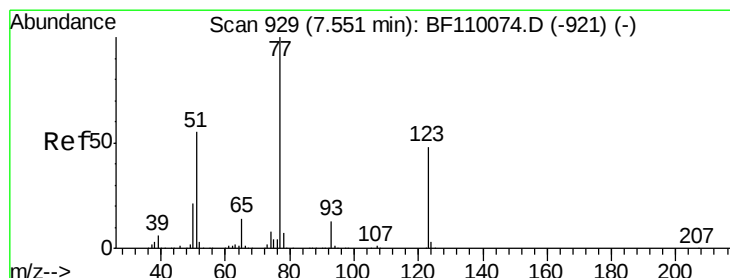
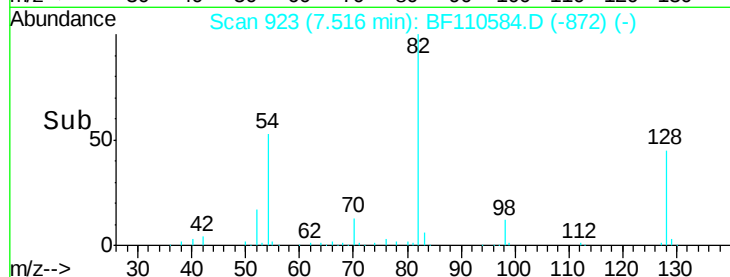
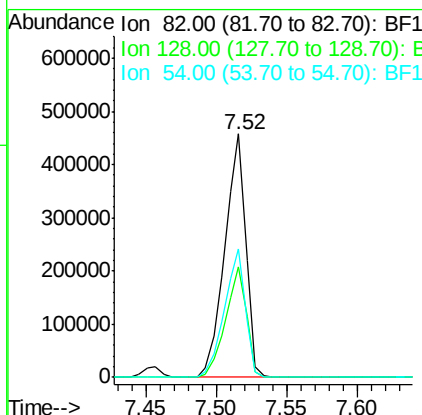
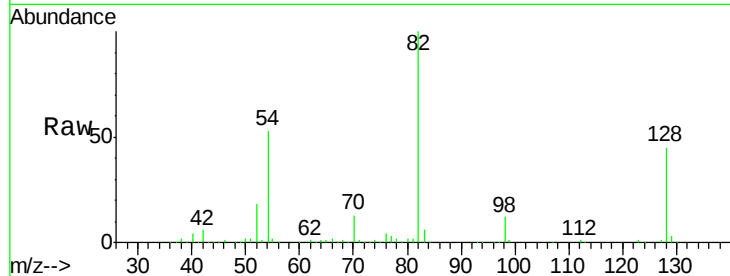




#23
Nitrobenzene-d5
Concen: 80.93 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

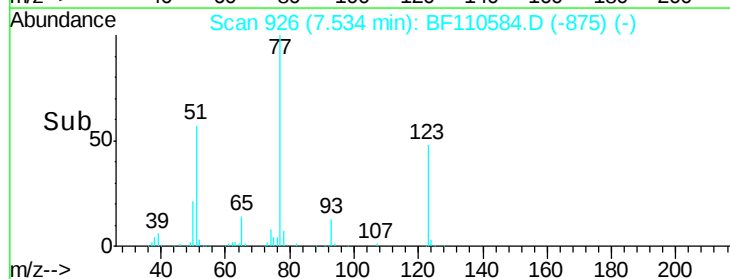
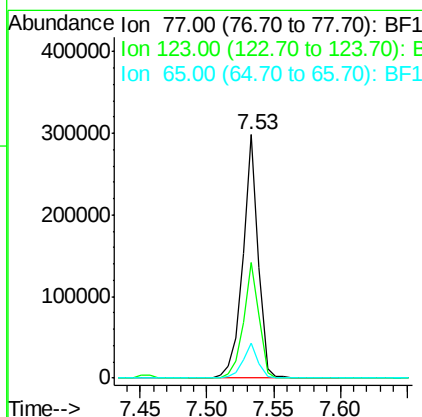
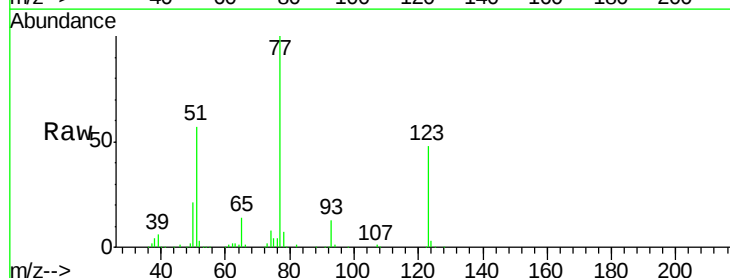
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 473132
Ion Ratio Lower Upper
82 100
128 45.4 34.2 51.2
54 53.0 38.6 58.0



#24
Nitrobenzene
Concen: 39.73 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Tgt Ion: 77 Resp: 237949
Ion Ratio Lower Upper
77 100
123 47.7 35.7 53.5
65 14.2 10.7 16.1

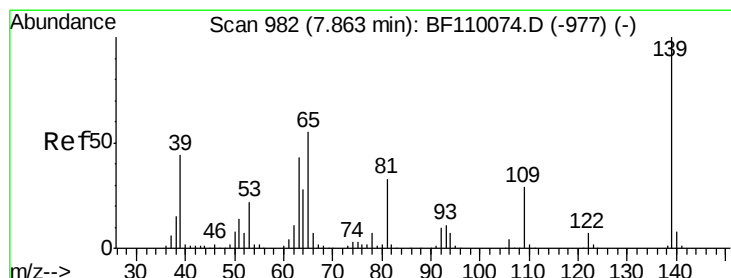
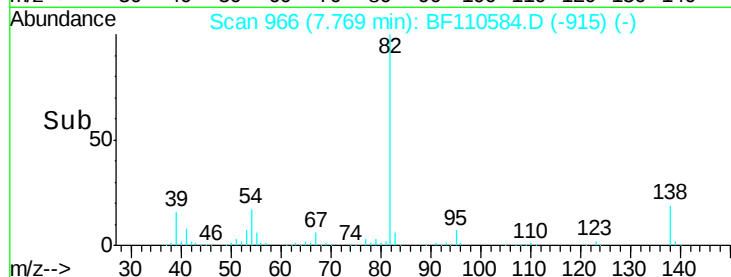
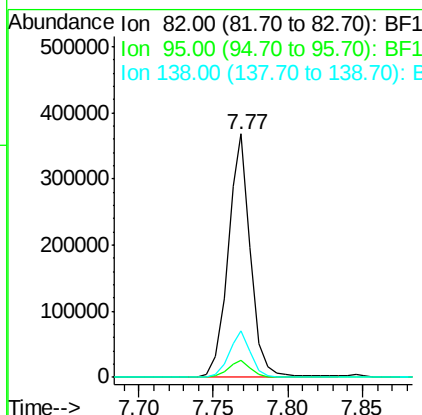
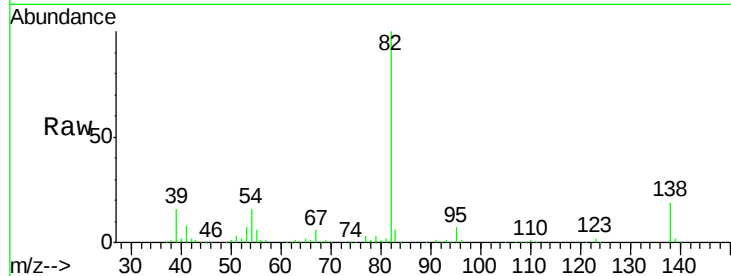




#25
Isophorone
Concen: 40.36 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

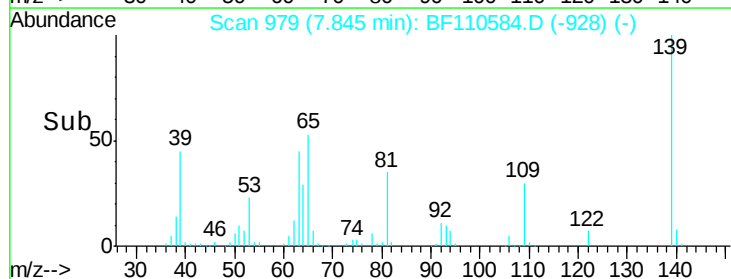
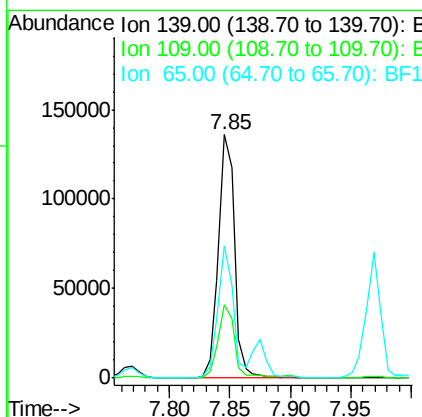
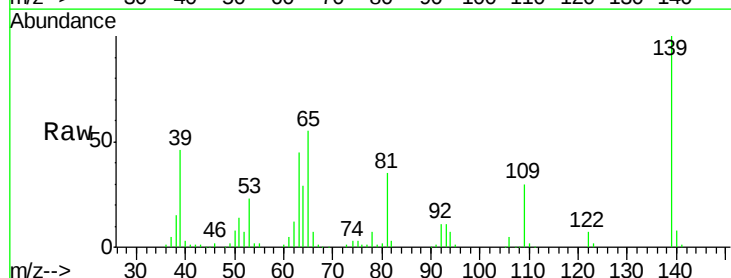
Instrument :
BNA_F
ClientSampleId :

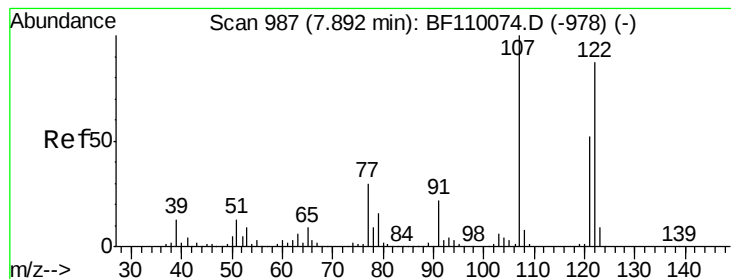
Tot Ion: 82 Resp: 386730
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.0 13.2 19.8



#26
2-Nitrophenol
Concen: 41.93 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Tgt Ion: 139 Resp: 125280
Ion Ratio Lower Upper
139 100
109 30.3 25.0 37.6
65 54.5 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 40.43 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

Instrument :

BNA_F

ClientSampleId :

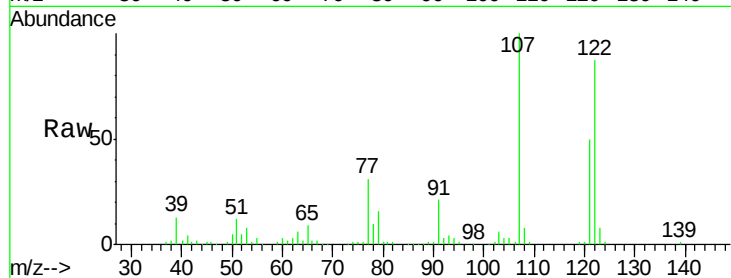
Tot Ion:122 Resp: 183998

Ion Ratio Lower Upper

122 100

107 115.0 92.5 138.7

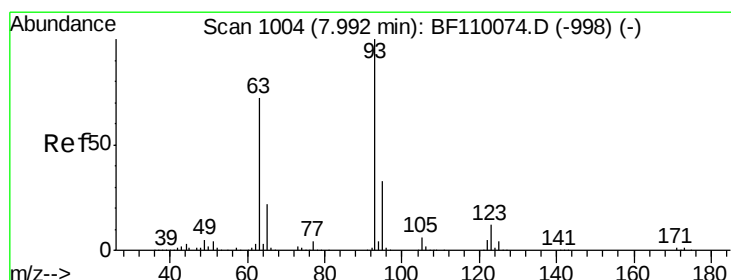
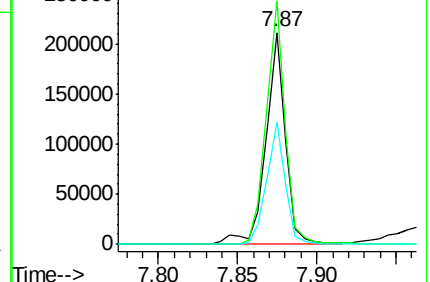
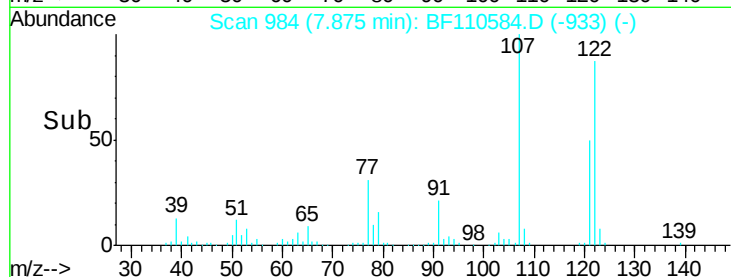
121 57.8 45.8 68.8



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: 40.64 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

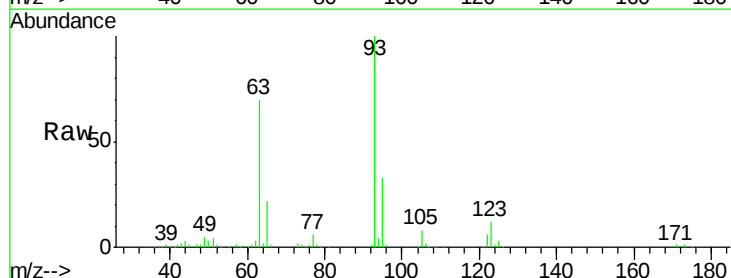
Tgt Ion: 93 Resp: 263638

Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

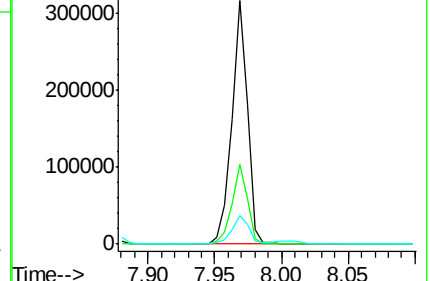
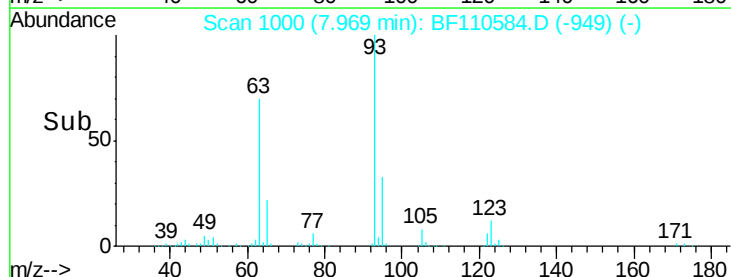
123 11.7 9.0 13.6

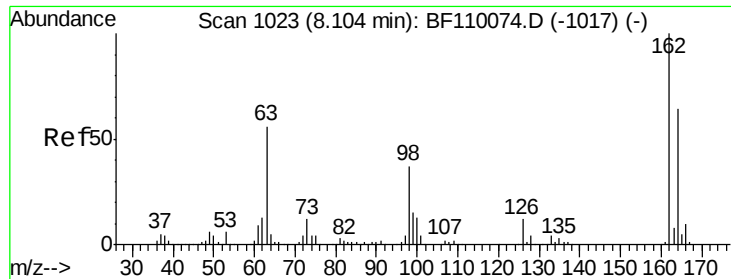


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

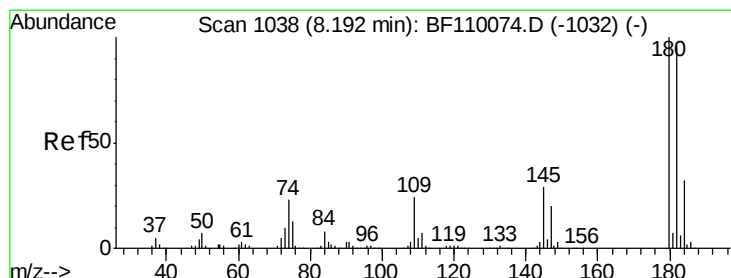
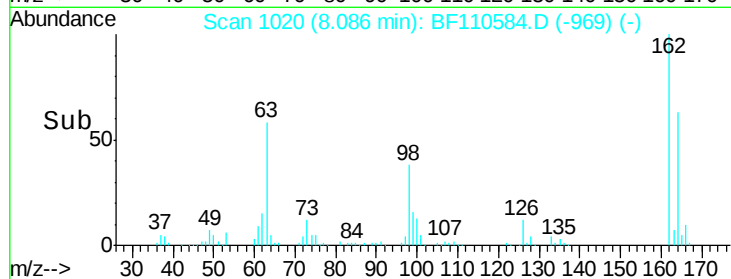
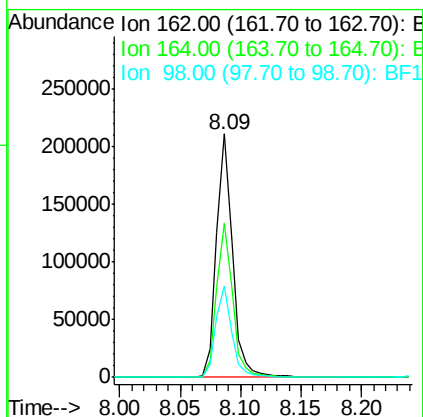
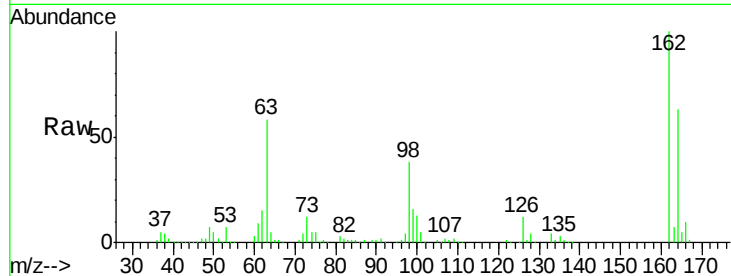




#29
 2,4-Dichlorophenol
 Concen: 41.13 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF110584.D
 Acq: 8 Nov 2018 15:00

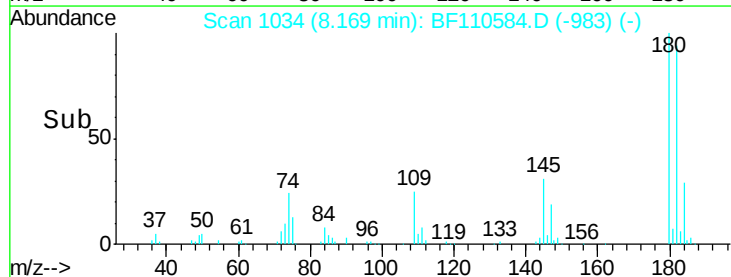
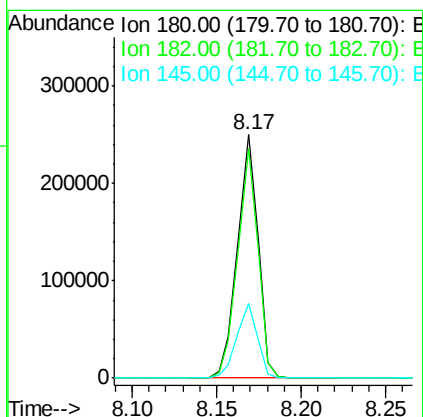
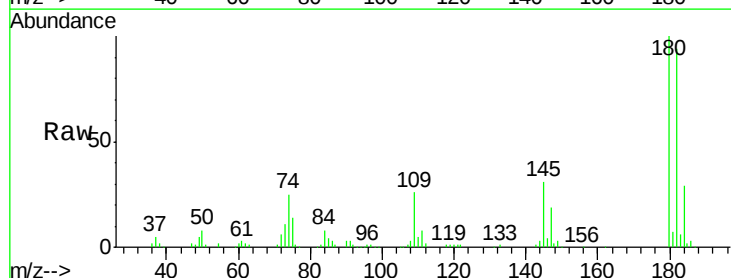
Instrument :
 BNA_F
 ClientSampleId :

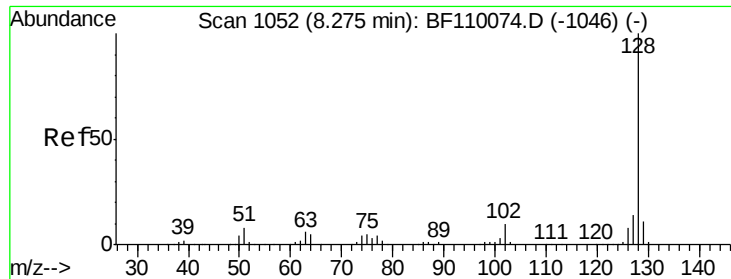
Tot Ion:162 Resp: 192576
 Ion Ratio Lower Upper
 162 100
 164 63.2 44.6 84.6
 98 37.7 17.4 57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 40.13 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF110584.D
 Acq: 8 Nov 2018 15:00

Tgt Ion:180 Resp: 211857
 Ion Ratio Lower Upper
 180 100
 182 94.0 80.3 120.5
 145 30.5 25.4 38.0

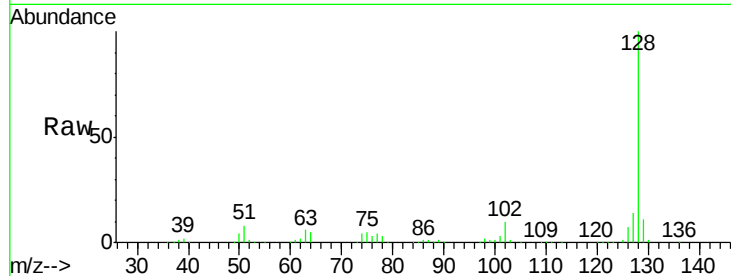




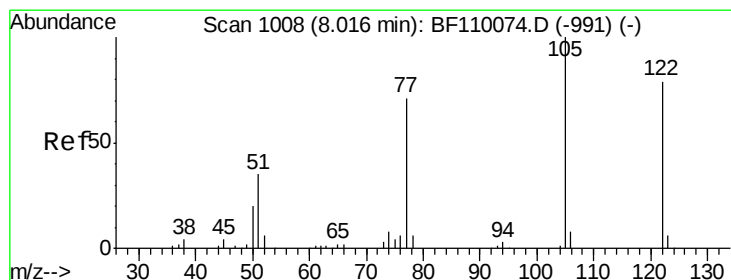
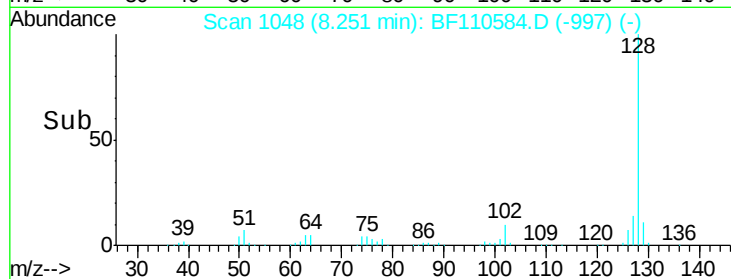
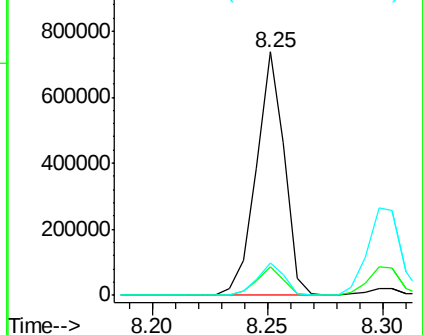
#31
Naphthalene
Concen: 39.62 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 626126
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.6 10.8 16.2

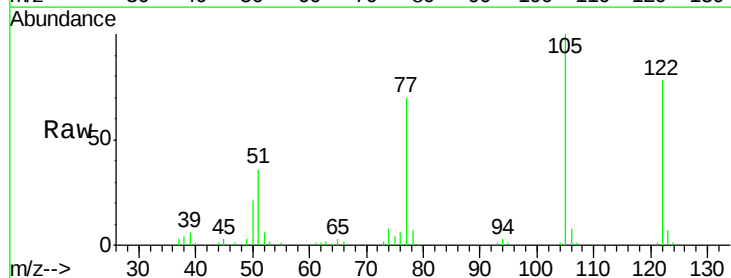


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

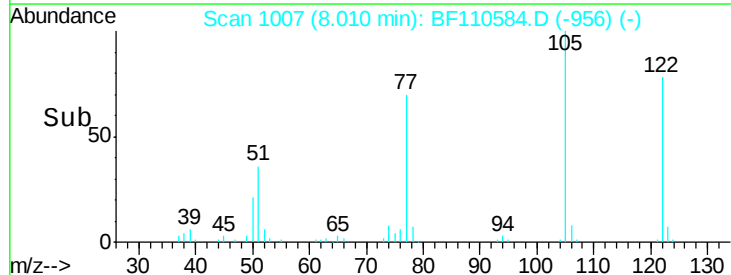
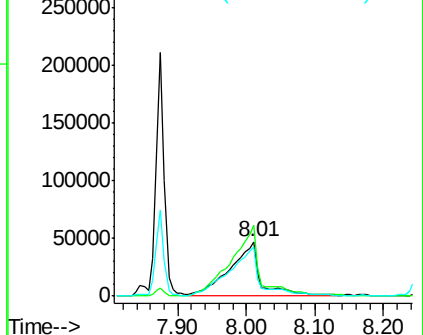


#32
Benzoic acid
Concen: 43.91 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Tgt Ion:122 Resp: 141370
Ion Ratio Lower Upper
122 100
105 128.5 109.0 149.0
77 90.3 79.0 119.0



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

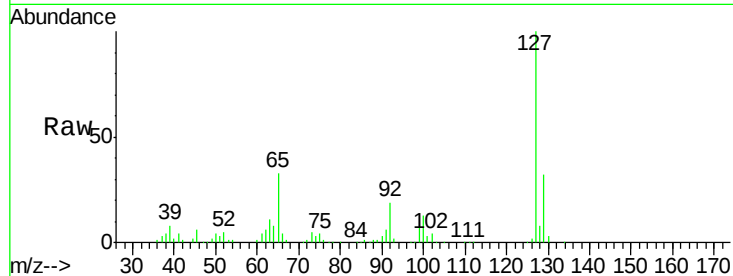




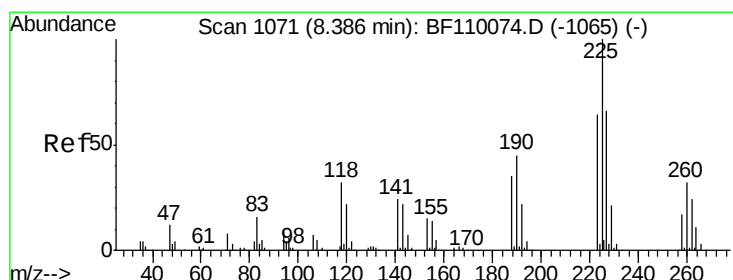
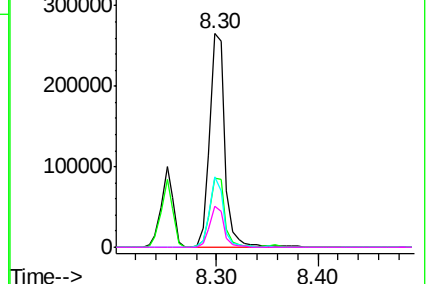
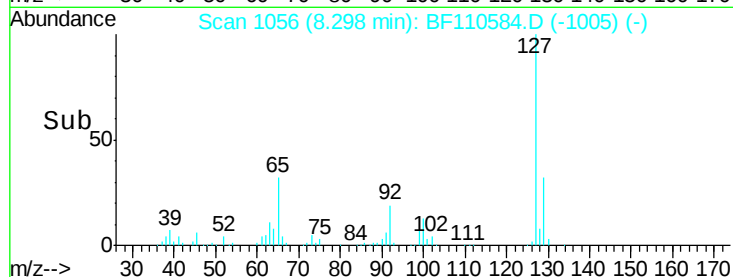
#33
4-Chloroaniline
Concen: 38.75 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	277381
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	32.7	25.1	37.7
92	19.0	15.0	22.6

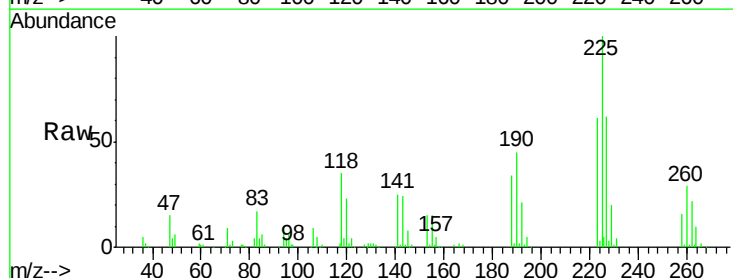


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

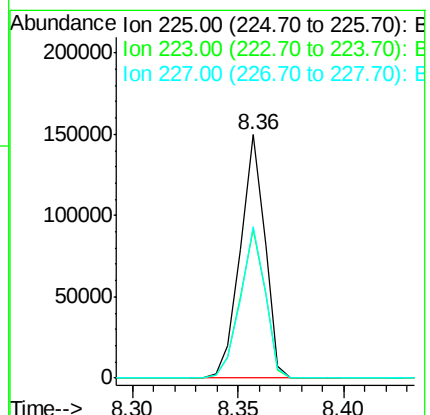
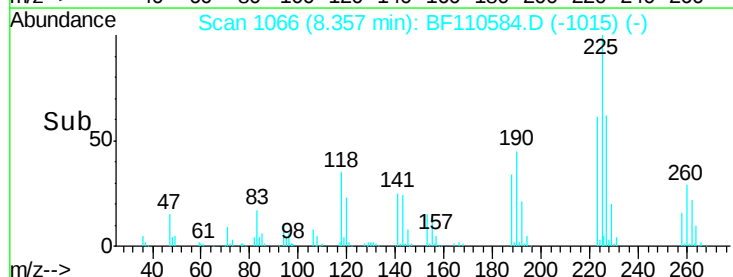


#34
Hexachlorobutadiene
Concen: 39.99 ng
RT: 8.36 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Tgt Ion:	225	Resp:	120590
Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.4	77.2
227	62.4	51.0	76.6



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

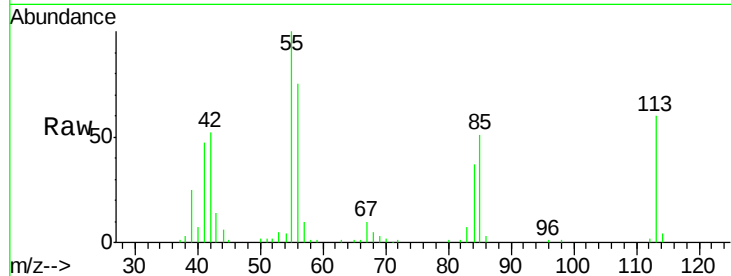




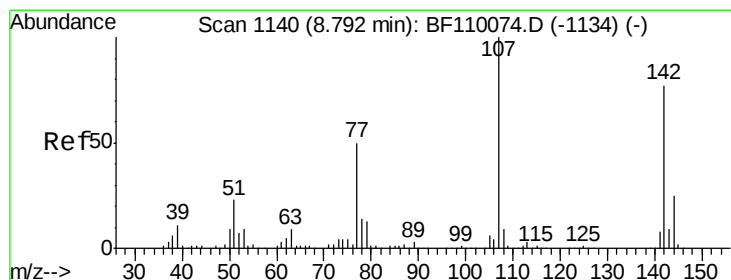
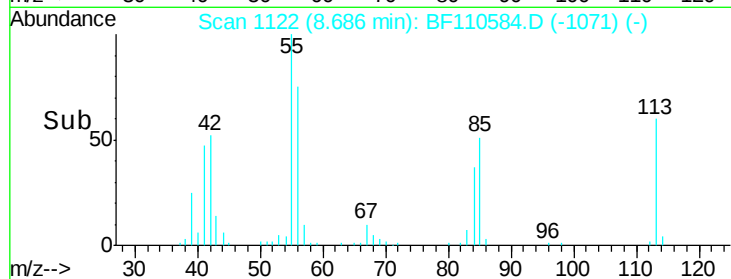
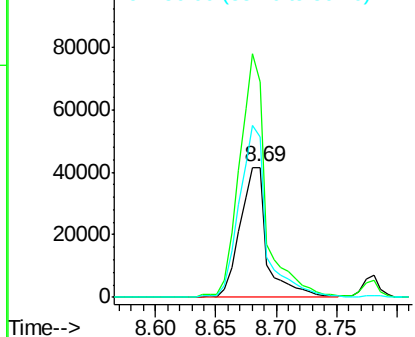
#35
 Caprolactam
 Concen: 41.69 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF110584.D
 Acq: 8 Nov 2018 15:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 65228
 Ion Ratio Lower Upper
 113 100
 55 165.6 142.8 182.8
 56 123.8 105.0 145.0

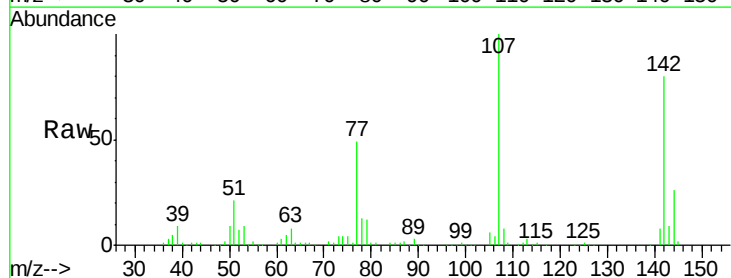


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

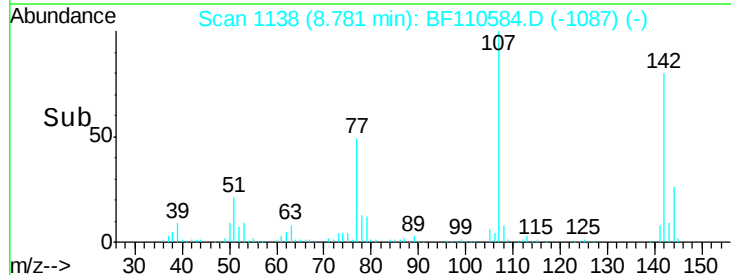
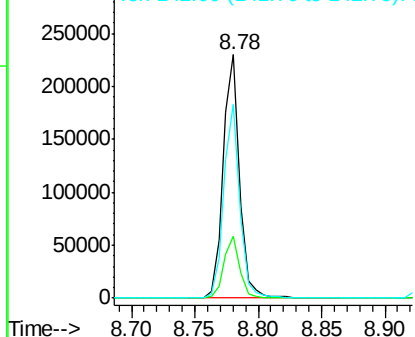


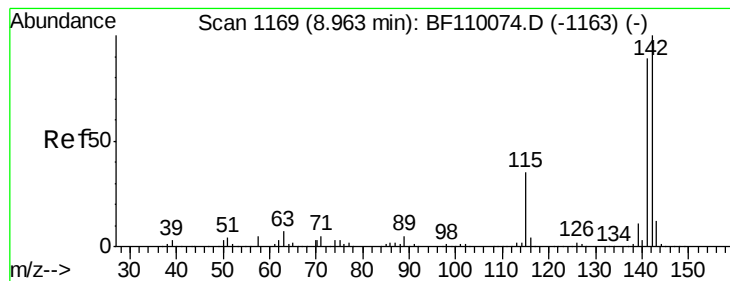
#36
 4-Chloro-3-methylphenol
 Concen: 41.09 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF110584.D
 Acq: 8 Nov 2018 15:00

Tgt Ion:107 Resp: 207519
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.0 30.0
 142 79.8 59.7 89.5



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

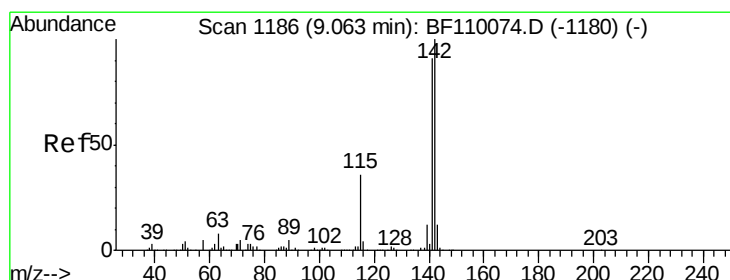
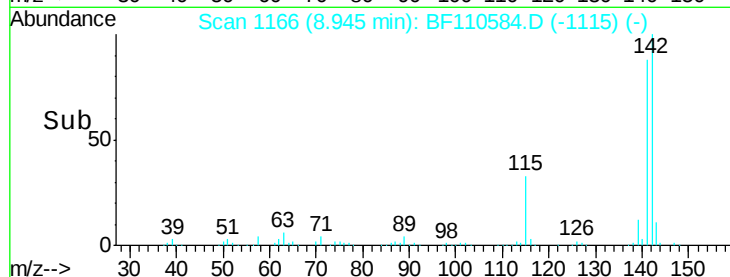
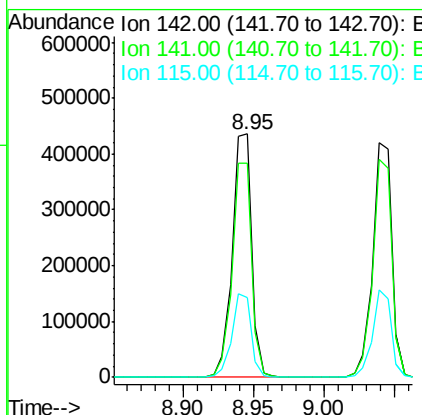
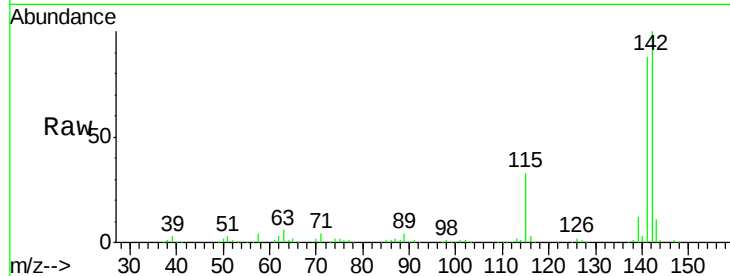




#37
2-Methylnaphthalene
Concen: 40.32 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

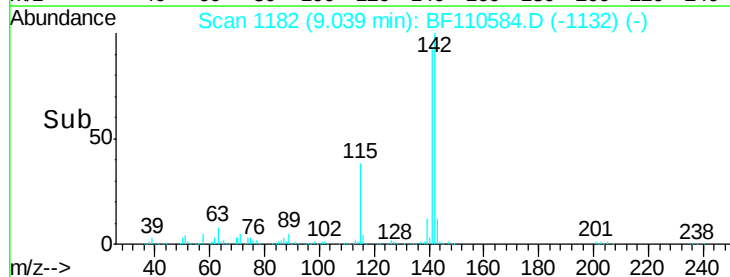
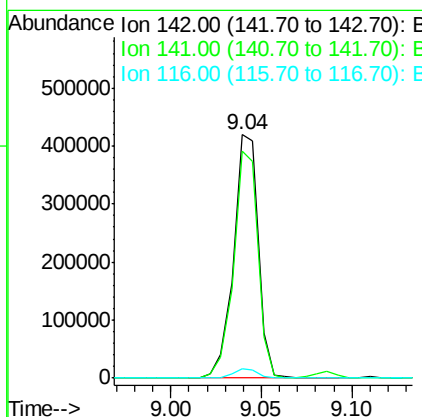
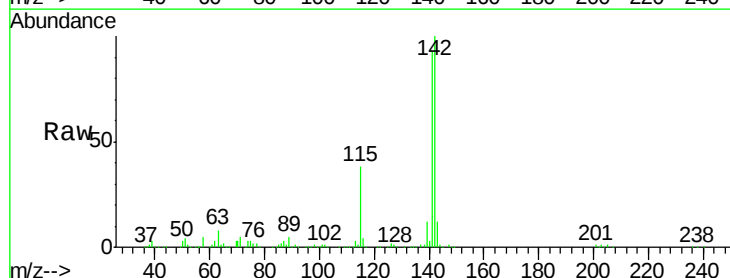
Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 417751
Ion Ratio Lower Upper
142 100
141 87.8 71.4 107.2
115 32.8 28.7 43.1



#38
1-Methylnaphthalene
Concen: 39.86 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Tgt Ion:142 Resp: 397198
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4
116 3.9 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

Instrument :

BNA_F

ClientSampleId :

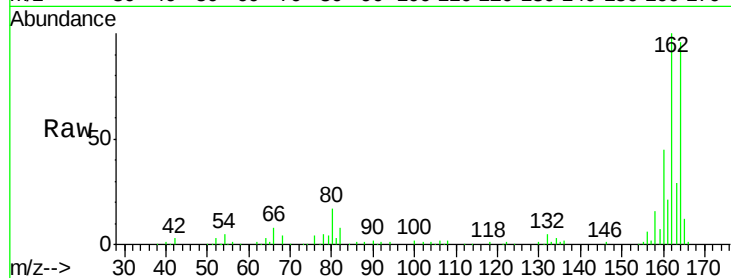
Tot Ion:164 Resp: 160186

Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.6

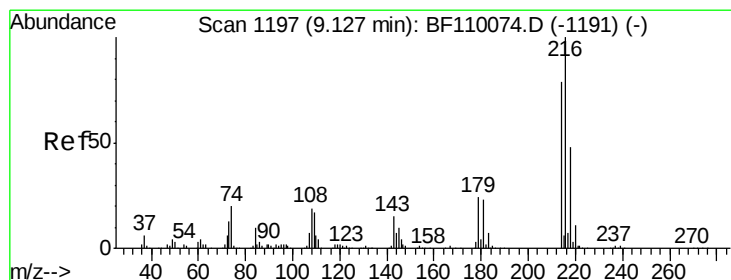
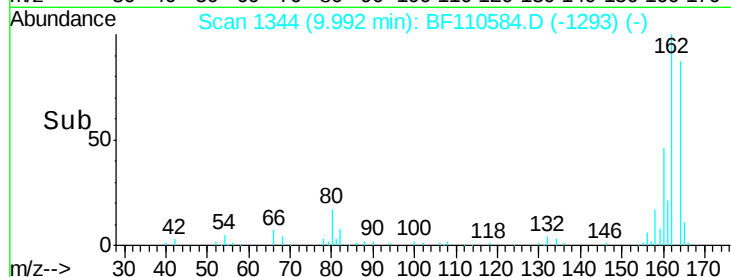
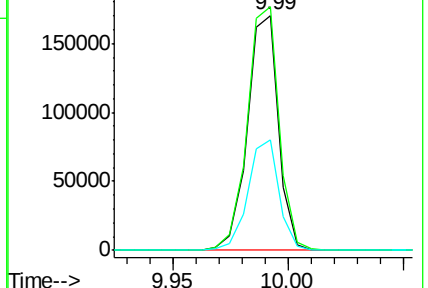
160 47.1 37.0 55.6



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: 40.16 ng

RT: 9.11 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

Tgt Ion:216 Resp: 203650

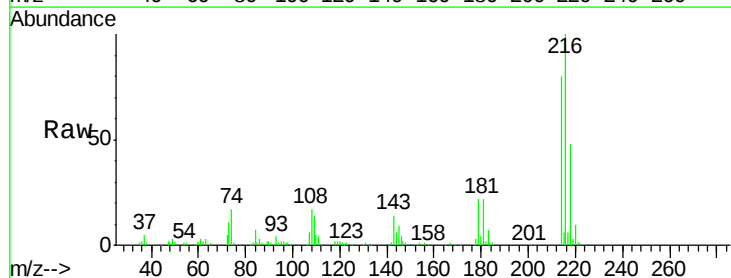
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.6

179 22.7 16.6 25.0

108 19.6 15.1 22.7

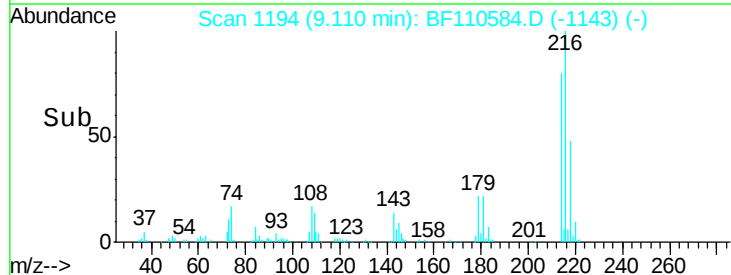
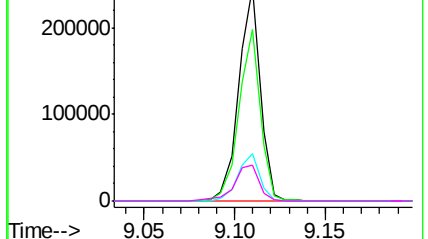


Abundance Ion 216.00 (215.70 to 216.70): E

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

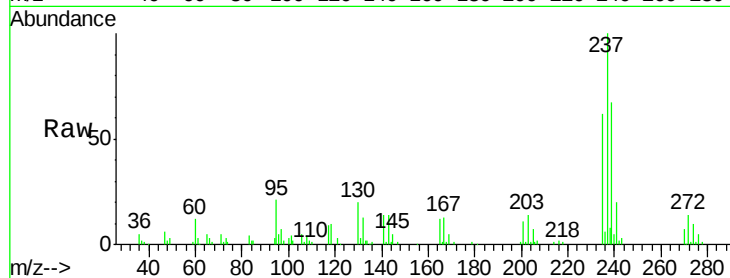




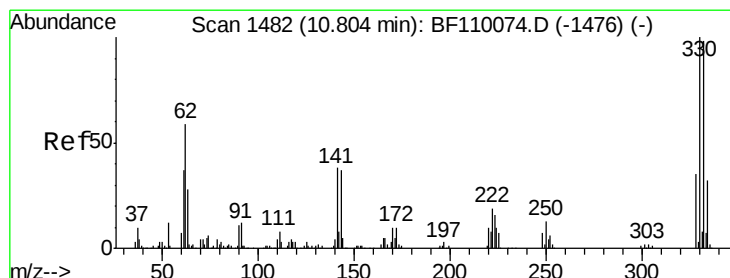
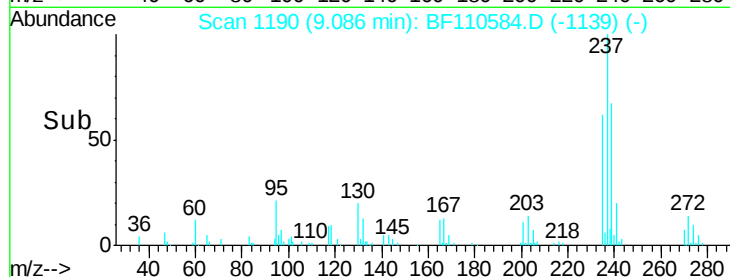
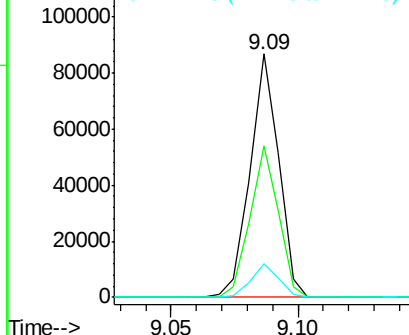
#41
Hexachlorocyclopentadiene
Concen: 38.93 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 68400
Ion Ratio Lower Upper
237 100
235 62.4 43.1 83.1
272 13.7 0.0 32.6

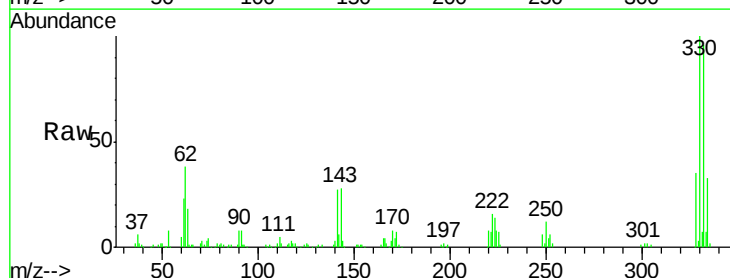


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

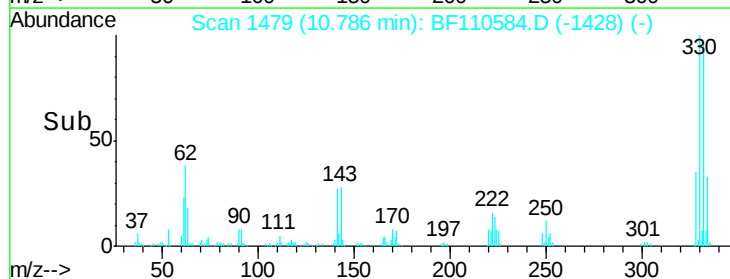
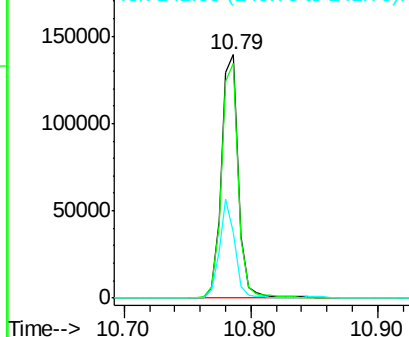


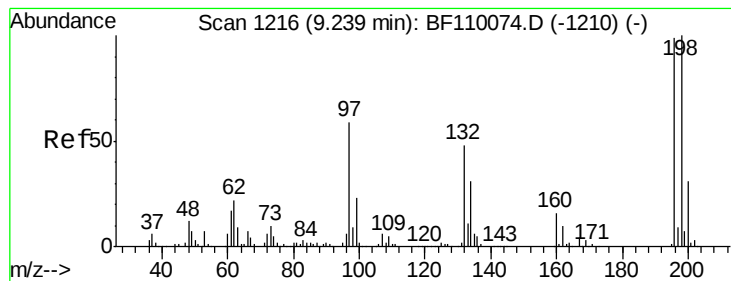
#42
2,4,6-Tribromophenol
Concen: 81.43 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Tgt Ion:330 Resp: 131432
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 37.0 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 41.21 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

Instrument :

BNA_F

ClientSampled :

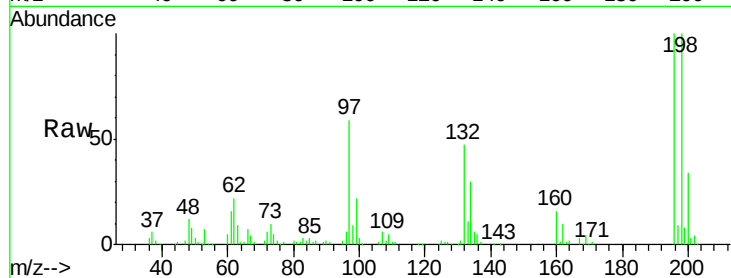
Tot Ion:196 Resp: 131307

Ion Ratio Lower Upper

196 100

198 100.1 76.2 114.4

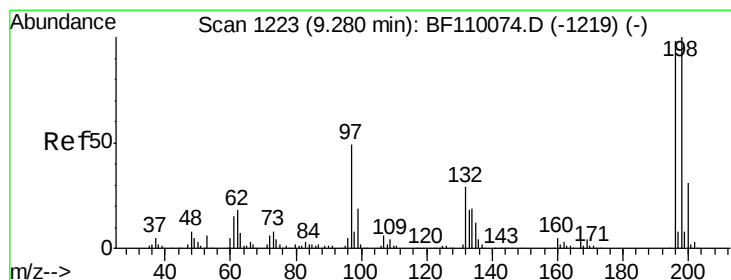
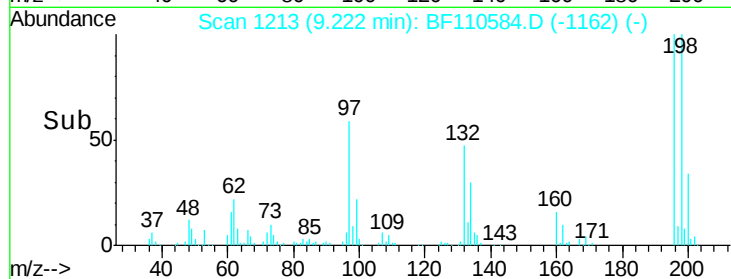
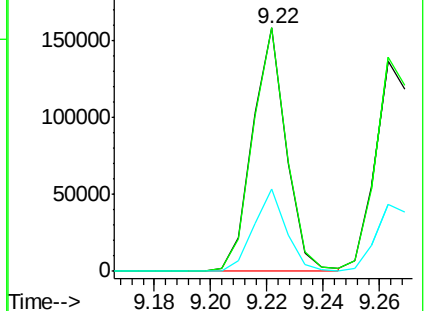
200 33.7 24.4 36.6



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 40.73 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

Tgt Ion:196 Resp: 138437

Ion Ratio Lower Upper

196 100

198 101.6 75.8 113.6

97 56.9 42.4 63.6

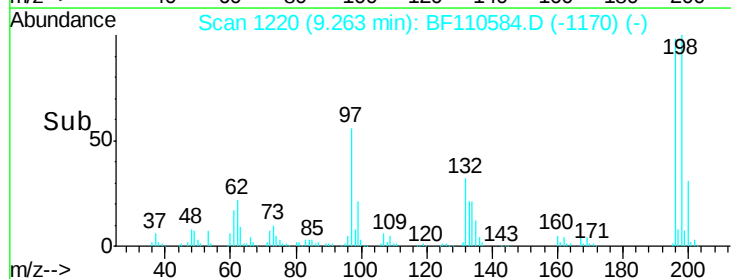
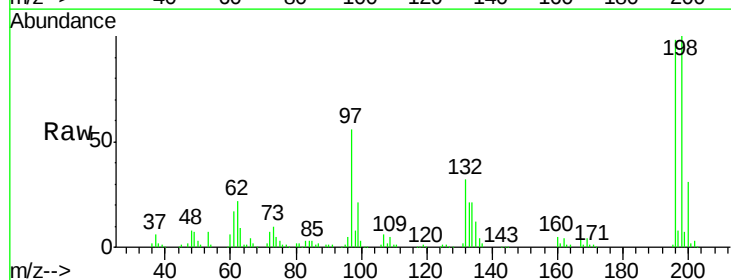
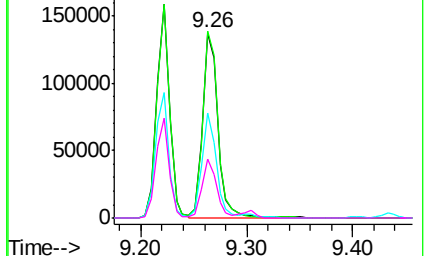
132 32.2 22.8 34.2

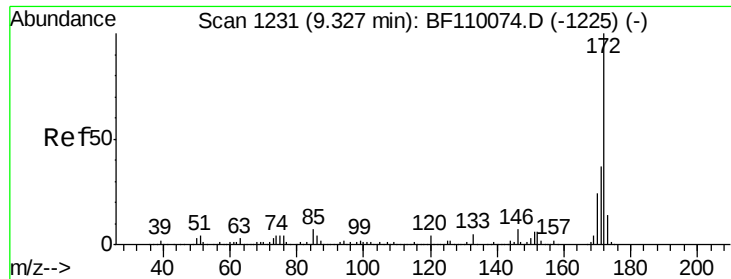
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

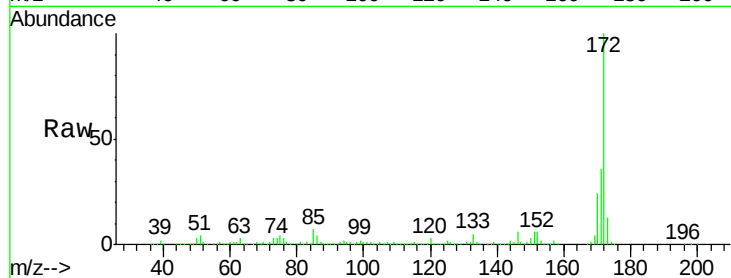




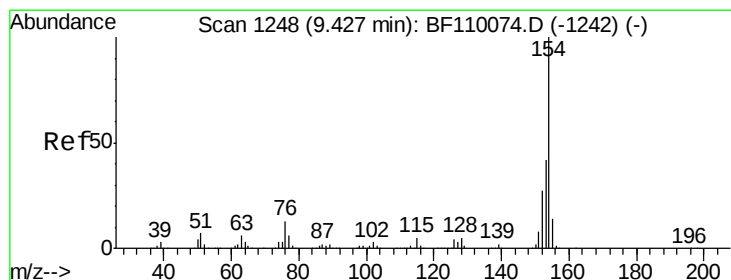
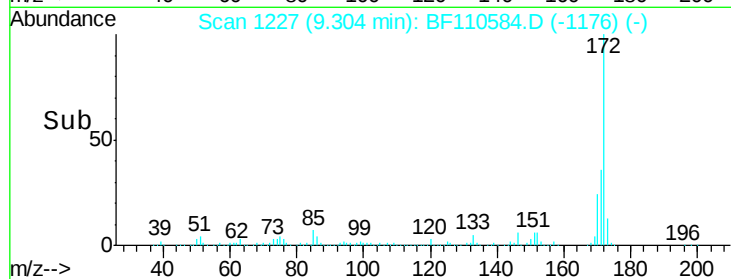
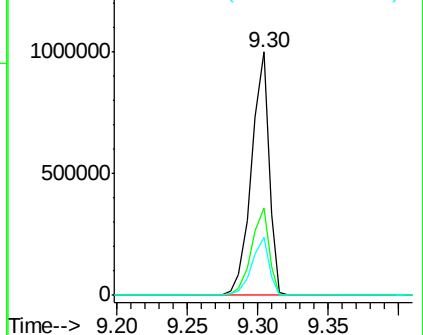
#45
2-Fluorobiphenyl
Concen: 78.65 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 882122
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.9 19.7 29.5

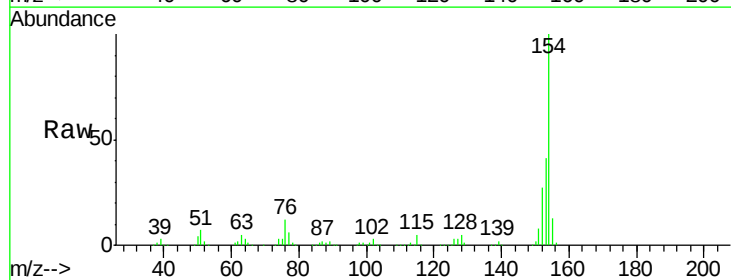


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

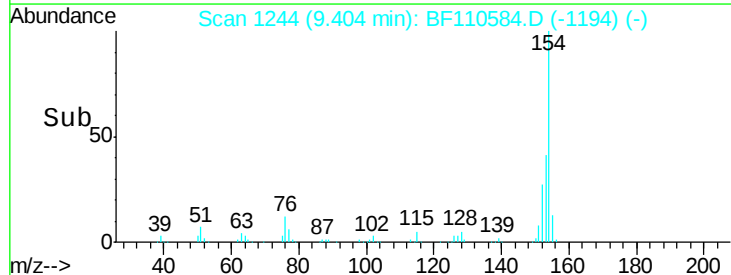
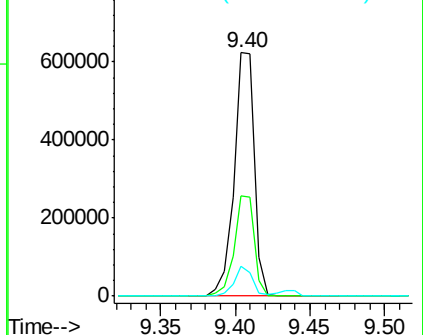


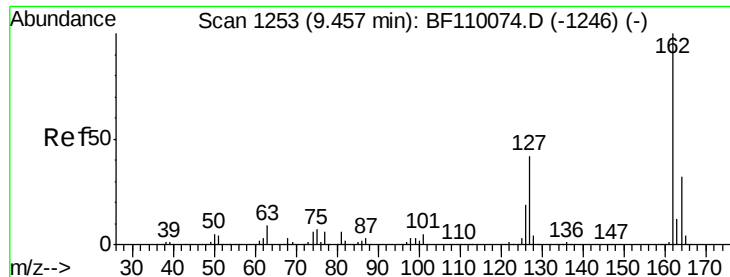
#46
1,1'-Biphenyl
Concen: 39.91 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Tgt Ion:154 Resp: 596325
Ion Ratio Lower Upper
154 100
153 41.0 20.4 60.4
76 12.4 0.0 31.9



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

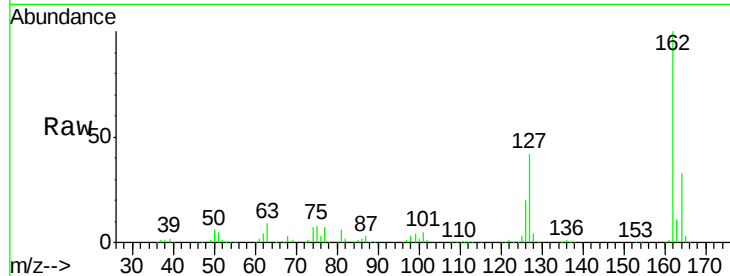




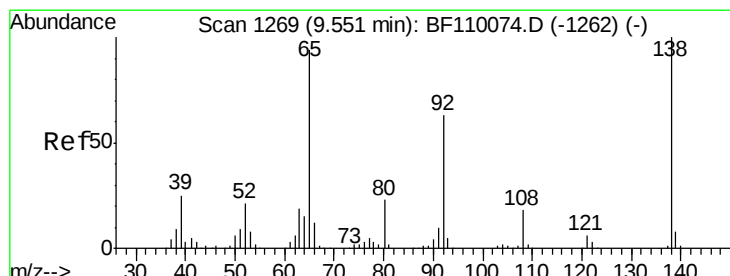
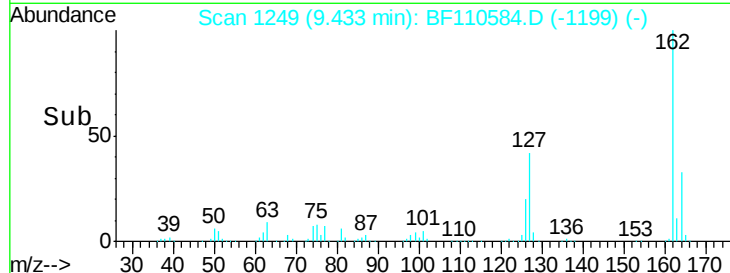
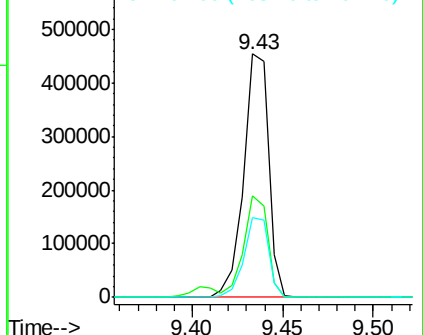
#47
 2-Chloronaphthalene
 Concen: 40.39 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110584.D
 Acq: 8 Nov 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 434816
 Ion Ratio Lower Upper
 162 100
 127 41.9 32.6 48.8
 164 32.8 25.9 38.9

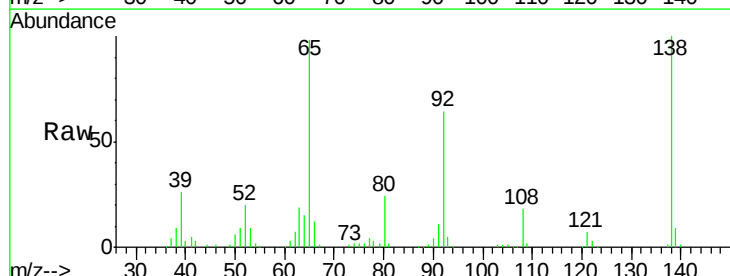


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

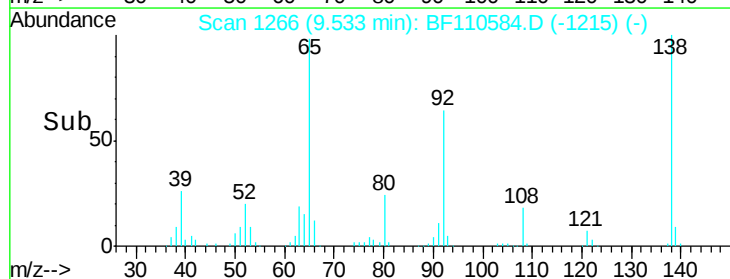
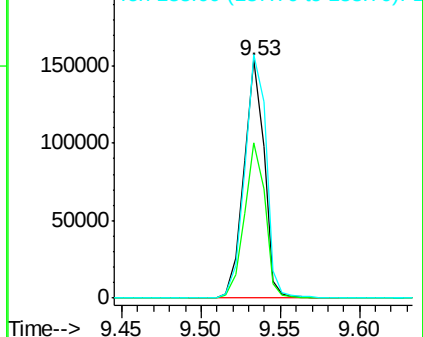


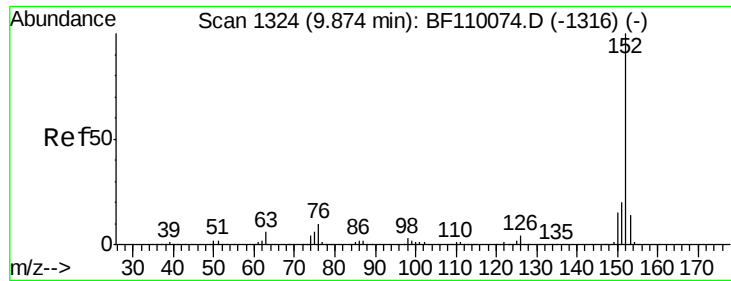
#48
 2-Nitroaniline
 Concen: 41.16 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110584.D
 Acq: 8 Nov 2018 15:00

Tgt Ion: 65 Resp: 136537
 Ion Ratio Lower Upper
 65 100
 92 65.4 54.6 81.8
 138 102.1 80.3 120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.41 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

Instrument :

BNA_F

ClientSampleId :

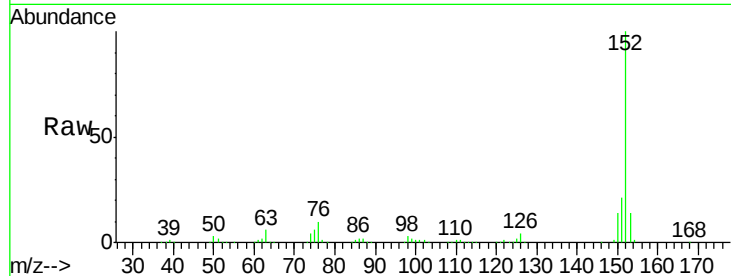
Tot Ion:152 Resp: 626477

Ion Ratio Lower Upper

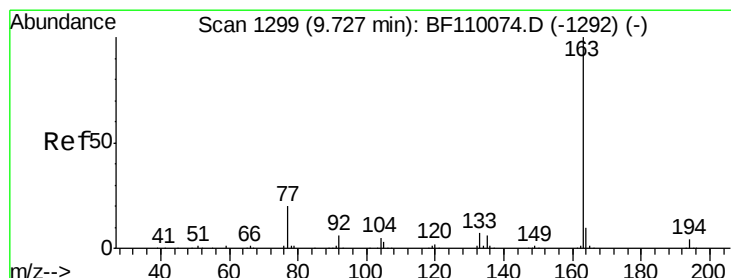
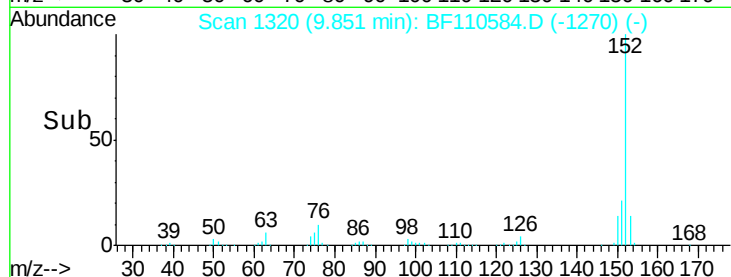
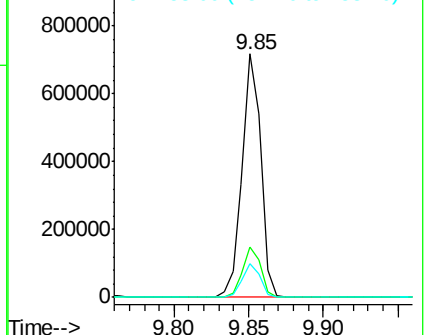
152 100

151 20.6 15.8 23.8

153 14.0 10.4 15.6



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: 40.36 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

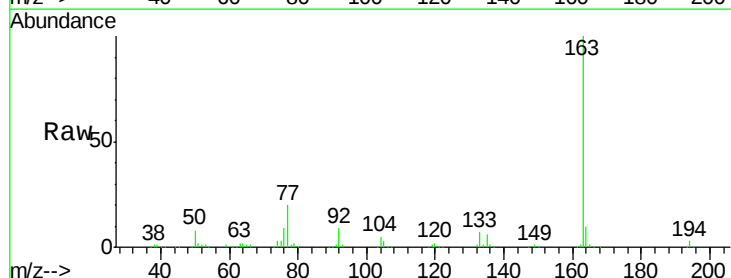
Tgt Ion:163 Resp: 482437

Ion Ratio Lower Upper

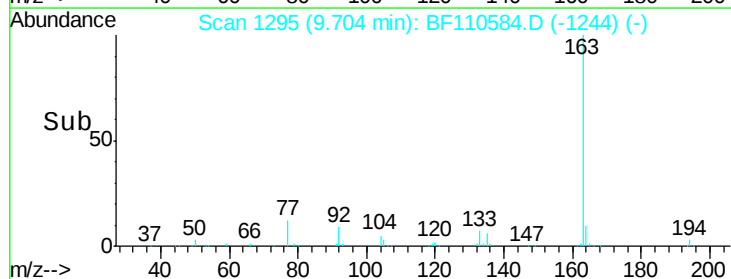
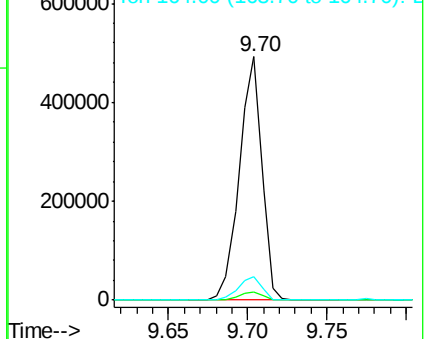
163 100

194 3.5 3.2 4.8

164 9.9 8.1 12.1



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: 40.53 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

Instrument :

BNA_F

ClientSampled :

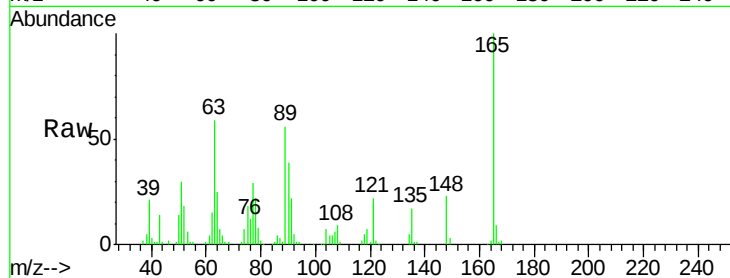
Tot Ion:165 Resp: 106575

Ion Ratio Lower Upper

165 100

63 59.2 48.9 73.3

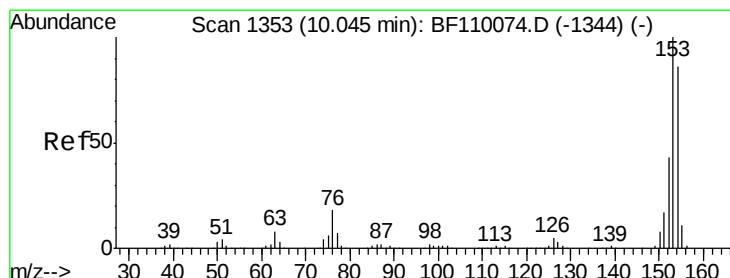
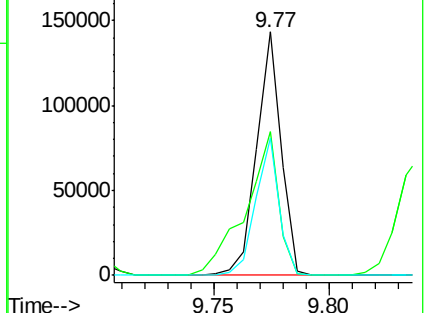
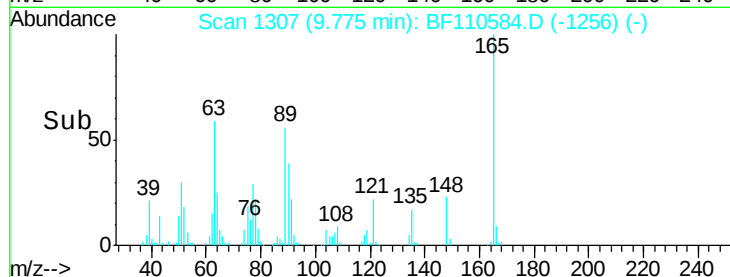
89 56.3 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.94 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

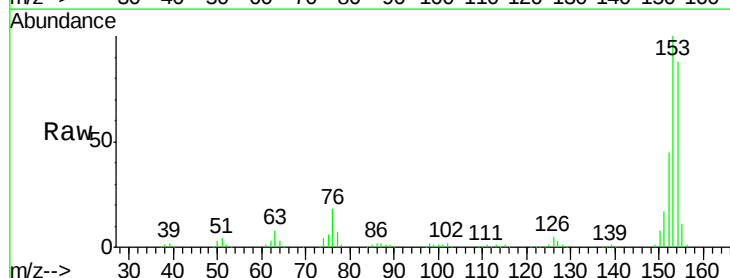
Tgt Ion:154 Resp: 391327

Ion Ratio Lower Upper

154 100

153 113.1 90.1 135.1

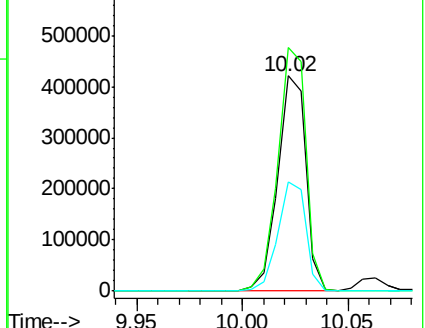
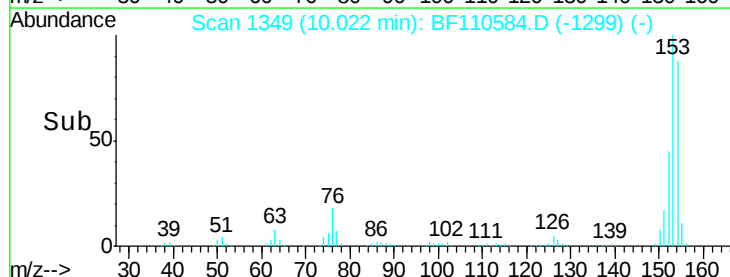
152 50.7 43.4 65.2

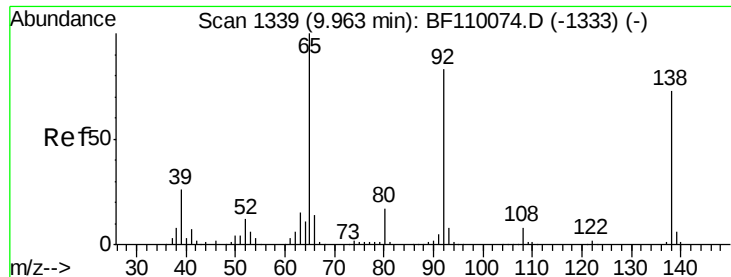


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

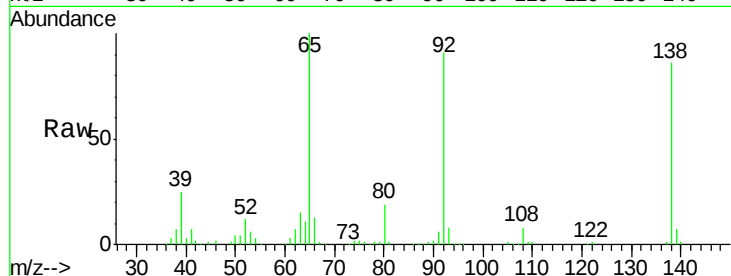




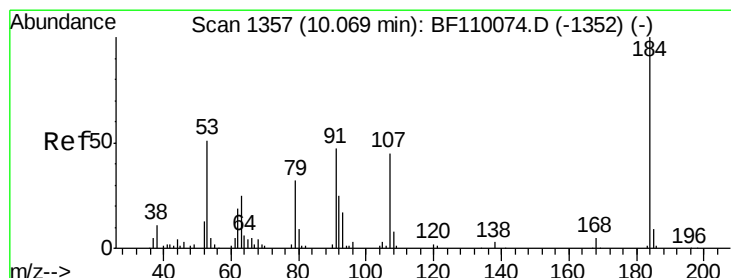
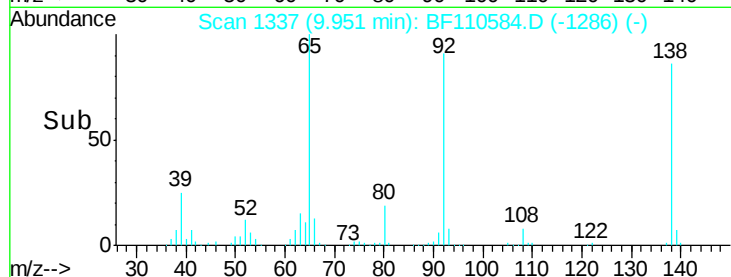
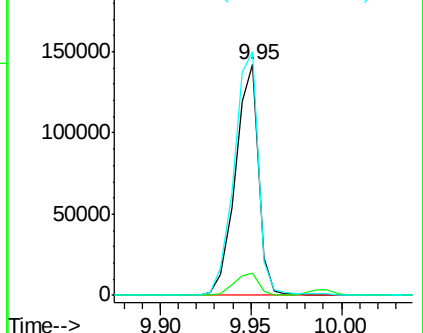
#53
3-Nitroaniline
Concen: 41.50 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 126423
Ion Ratio Lower Upper
138 100
108 9.8 8.7 13.1
92 105.7 97.0 145.4

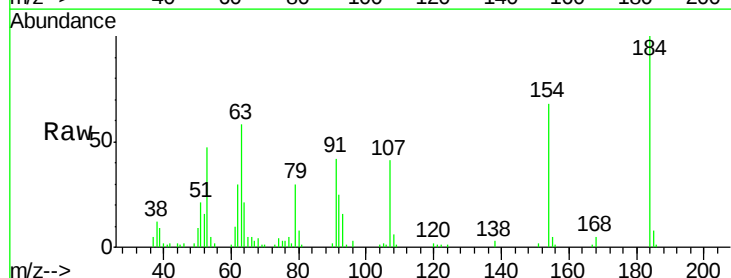


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

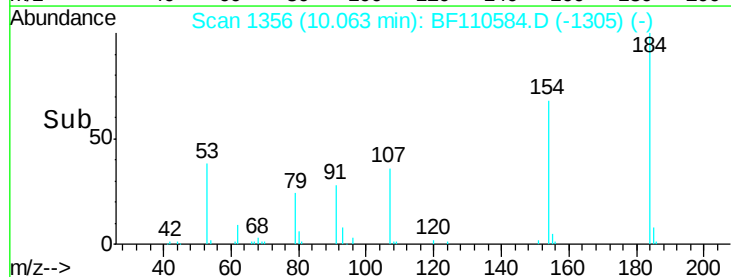
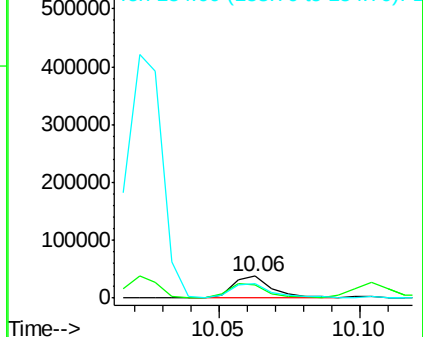


#54
2,4-Dinitrophenol
Concen: 37.90 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Tgt Ion:184 Resp: 36947
Ion Ratio Lower Upper
184 100
63 58.5 55.8 83.6
154 67.8 63.2 94.8



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

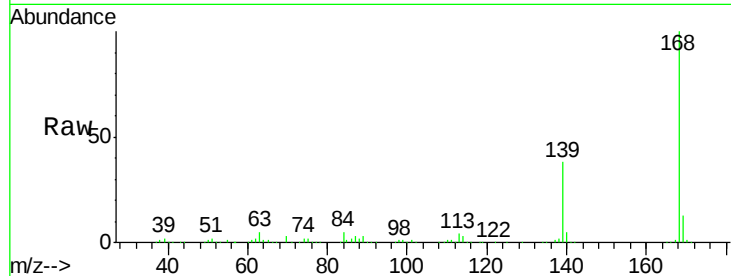




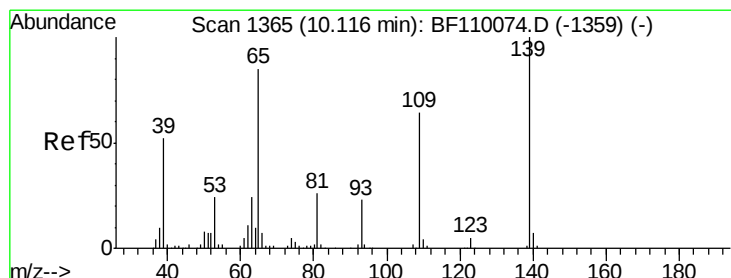
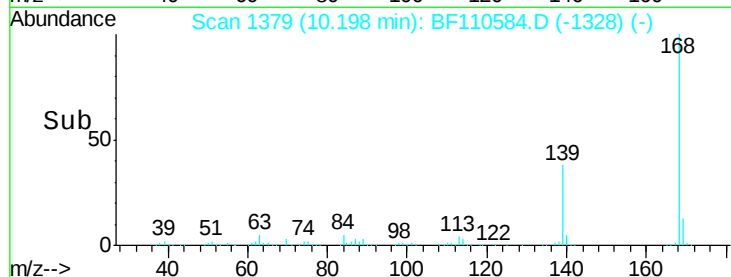
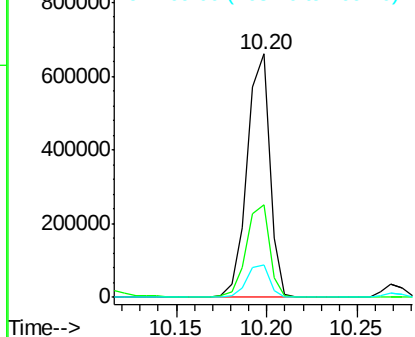
#55
Dibenzenofuran
Concen: 40.20 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 576271
Ion Ratio Lower Upper
168 100
139 38.0 33.0 49.6
169 13.4 11.3 16.9

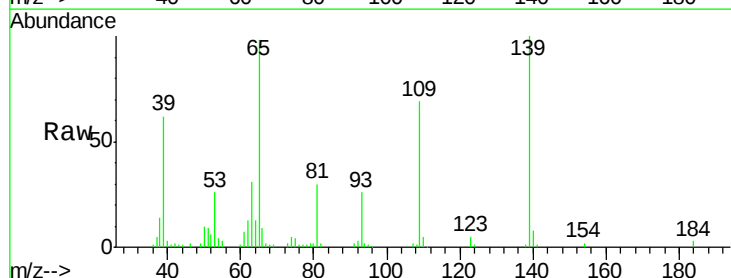


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

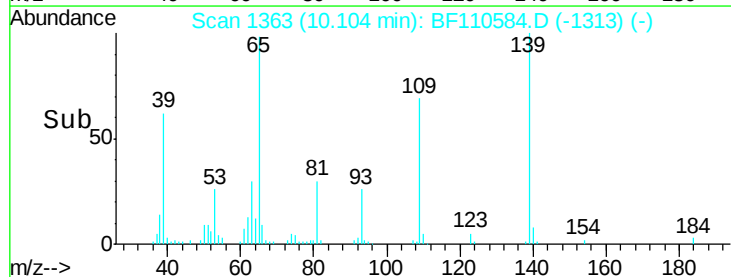
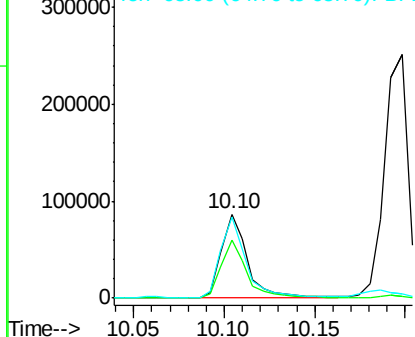


#56
4-Nitrophenol
Concen: 43.16 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Tgt Ion:139 Resp: 87215
Ion Ratio Lower Upper
139 100
109 69.1 55.8 95.8
65 97.5 77.9 117.9



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

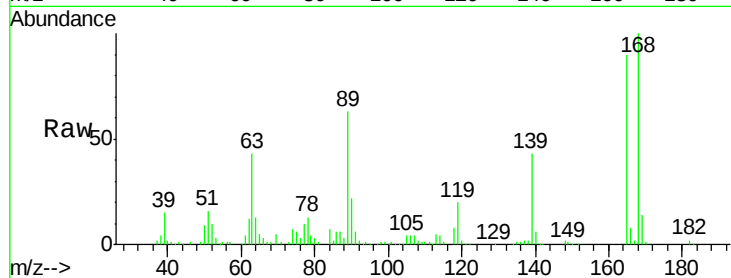




#57
2,4-Dinitrotoluene
Concen: 41.57 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.1	44.8	67.2
89	69.2	62.2	93.4
182	2.4	2.1	3.1



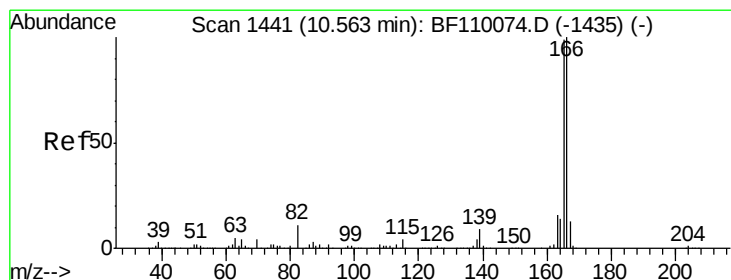
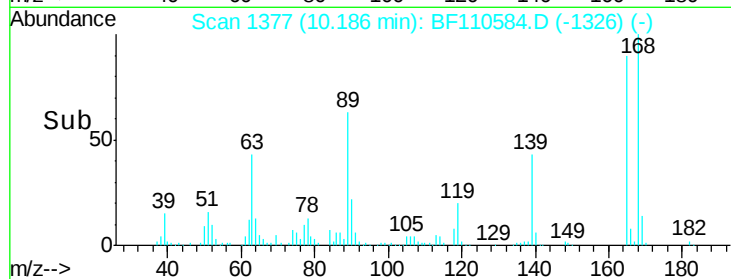
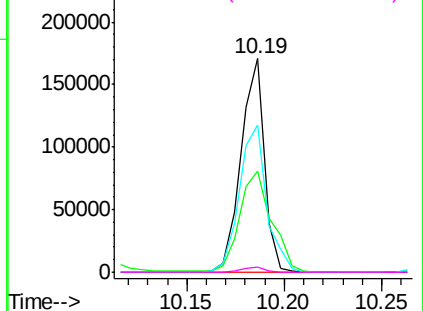
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

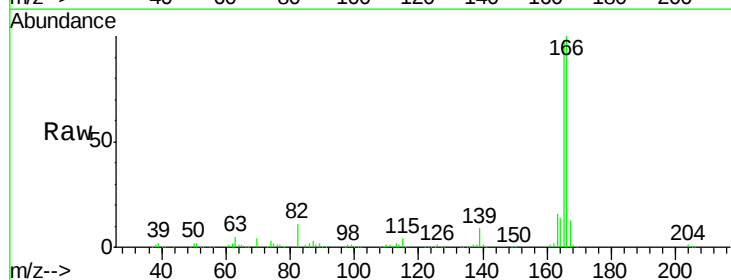
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.63 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	117.8
167	13.3	10.8	16.2

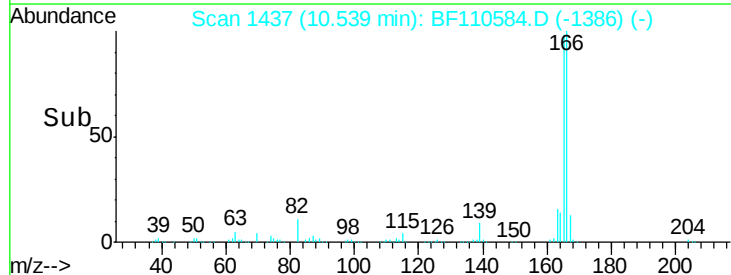
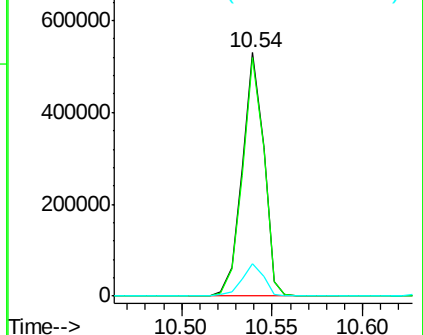


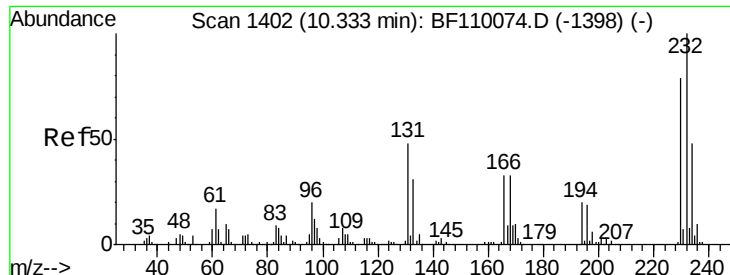
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

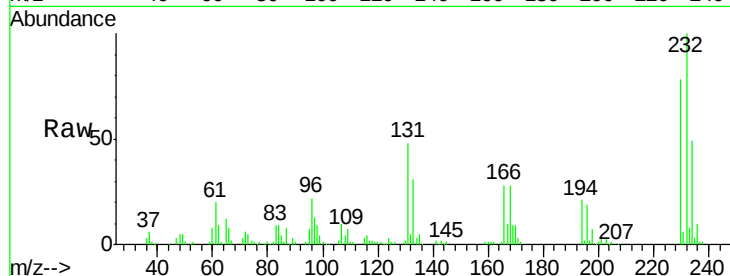




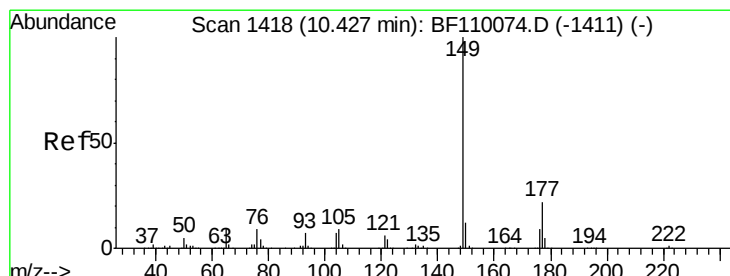
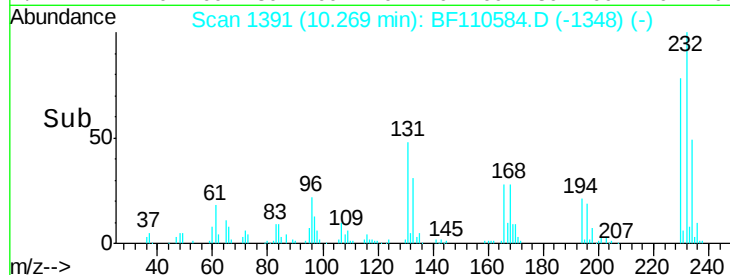
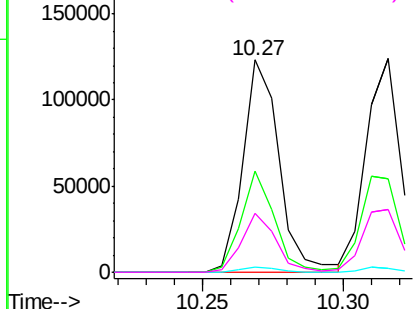
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.02 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.05 min
 Lab File: BF110584.D
 Acq: 8 Nov 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	109680
Ion	Ratio	Lower	Upper
232	100		
131	43.7	37.0	55.4
130	2.1	1.8	2.6
166	26.7	22.0	33.0

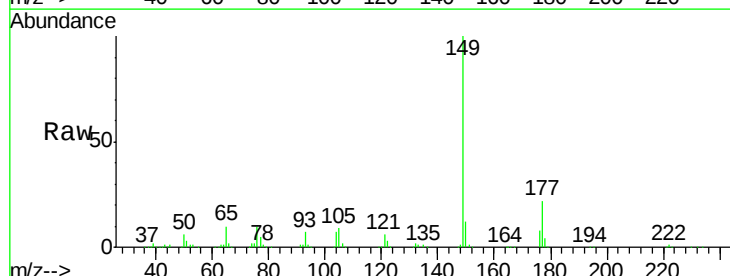


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

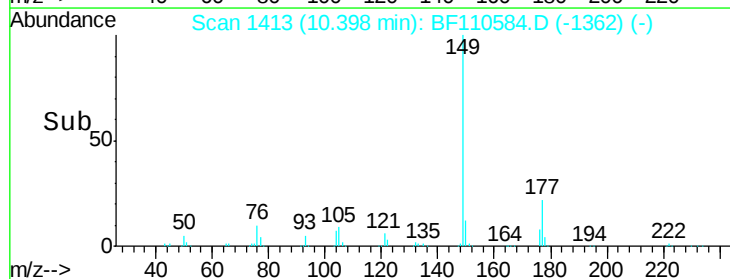
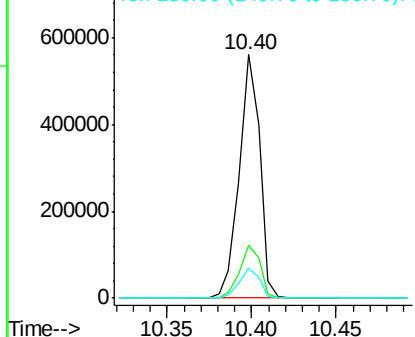


#60
 Diethylphthalate
 Concen: 40.01 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF110584.D
 Acq: 8 Nov 2018 15:00

Tgt Ion:	149	Resp:	473078
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.2
150	12.5	9.8	14.8



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

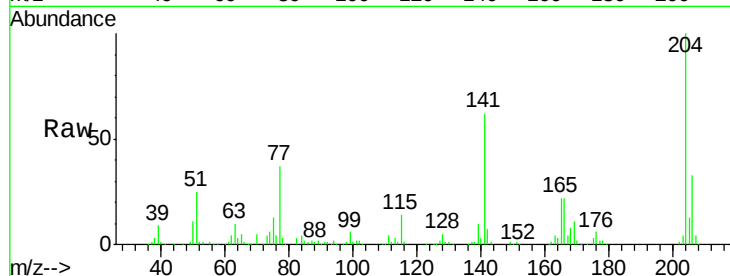




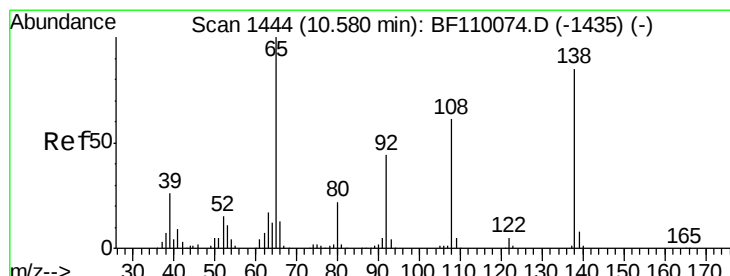
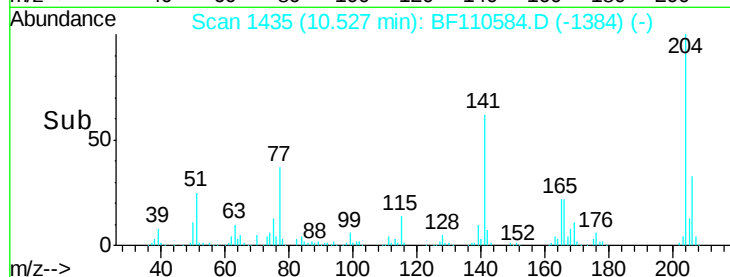
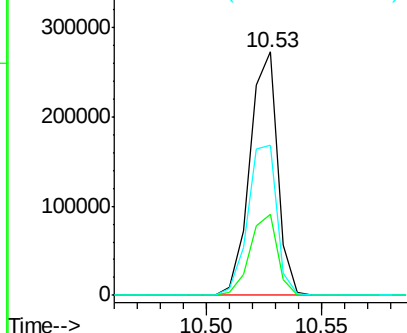
#61
4-Chlorophenyl-phenylether
Concen: 40.22 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 229299
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 61.6 51.8 77.8

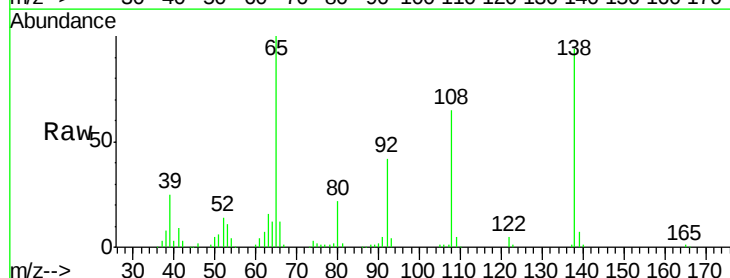


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

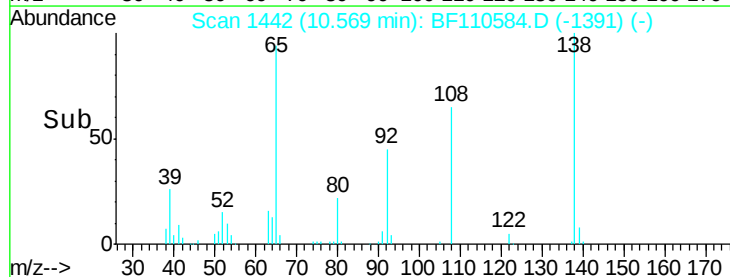
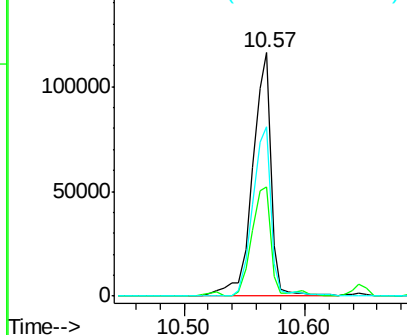


#62
4-Nitroaniline
Concen: 40.98 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Tgt Ion:138 Resp: 125709
Ion Ratio Lower Upper
138 100
92 44.7 31.7 71.7
108 69.4 59.3 99.3



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





#63

Azobenzene

Concen: 40.33 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 465273

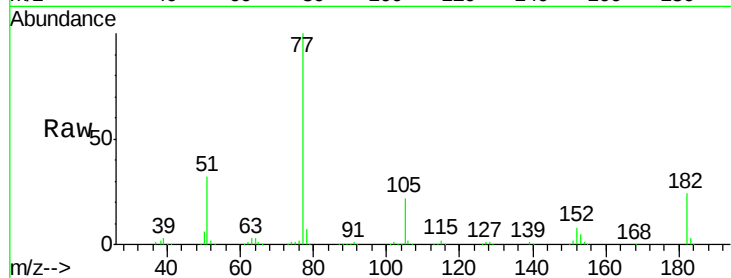
Ion Ratio Lower Upper

77 100

182 24.3 4.3 44.3

105 22.4 1.3 41.3

51 31.6 9.0 49.0

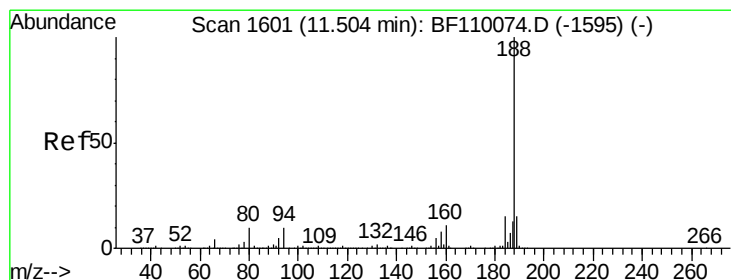
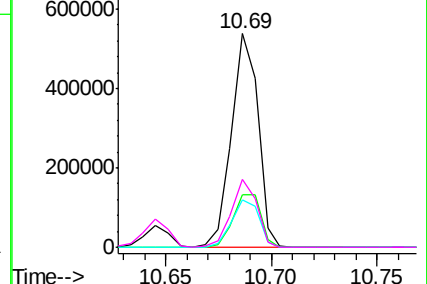
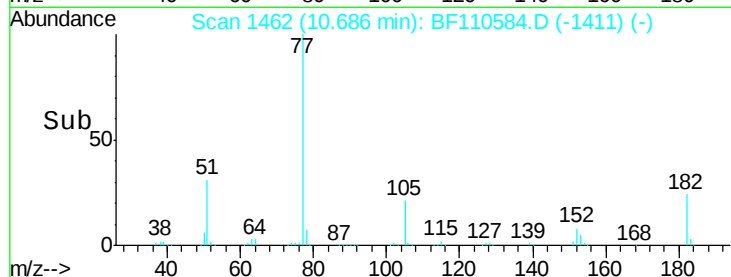


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

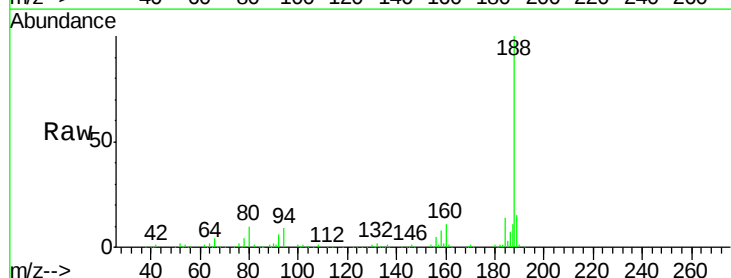
Tgt Ion: 188 Resp: 300487

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

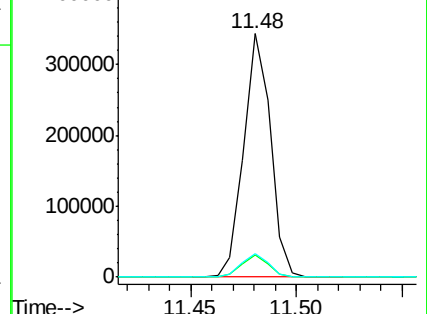
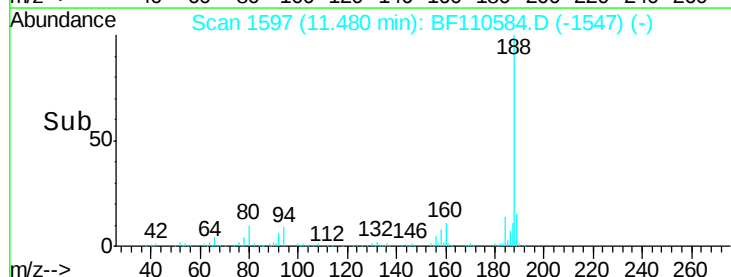
80 9.9 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 42.28 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

Instrument :

BNA_F

ClientSampleId :

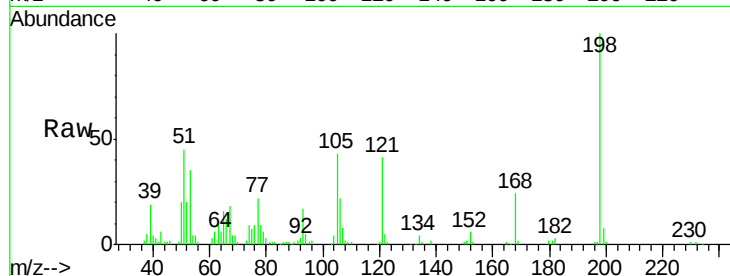
Tot Ion:198 Resp: 64029

Ion Ratio Lower Upper

198 100

51 45.3 22.8 62.8

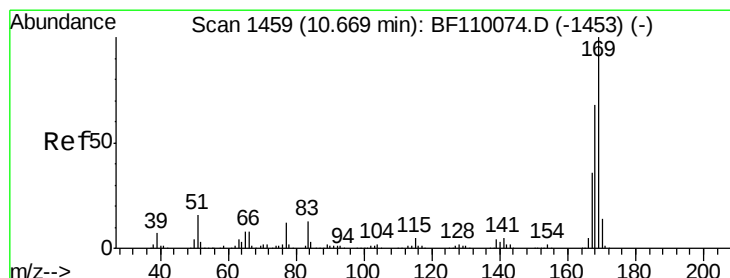
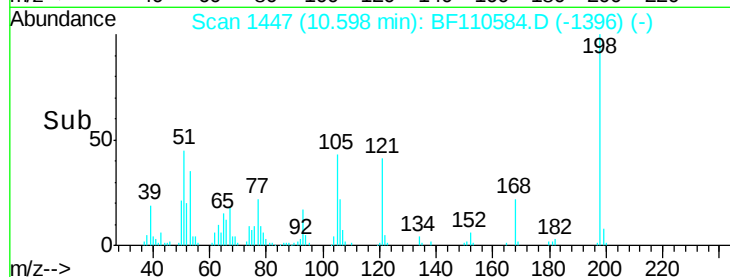
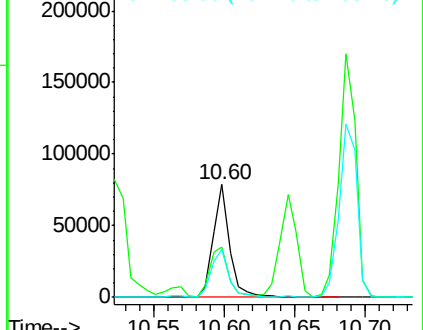
105 42.9 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.43 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

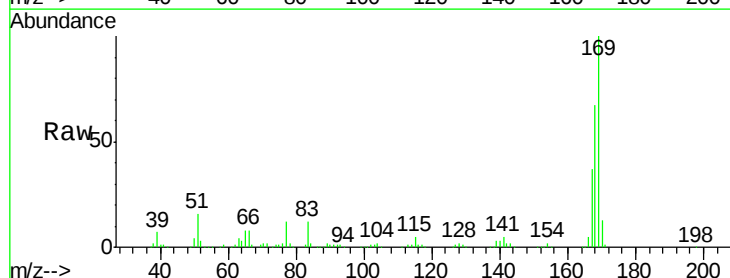
Tgt Ion:169 Resp: 409521

Ion Ratio Lower Upper

169 100

168 66.9 51.2 76.8

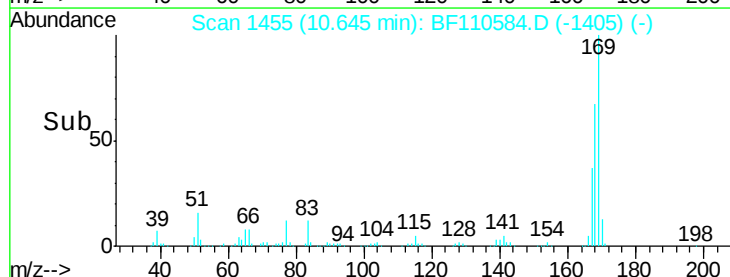
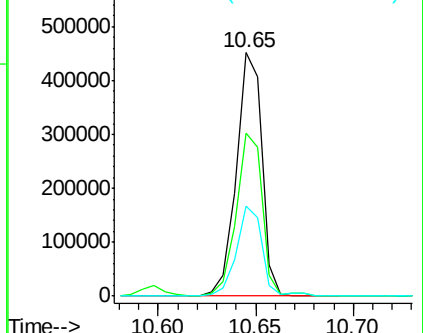
167 36.7 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

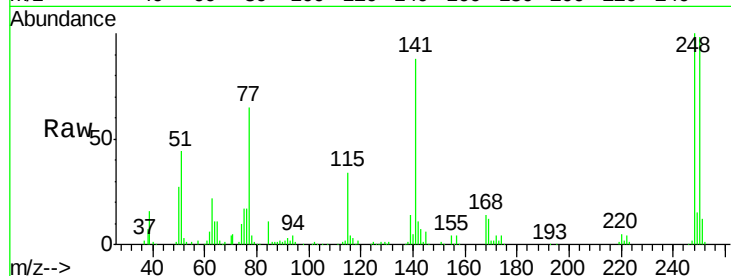




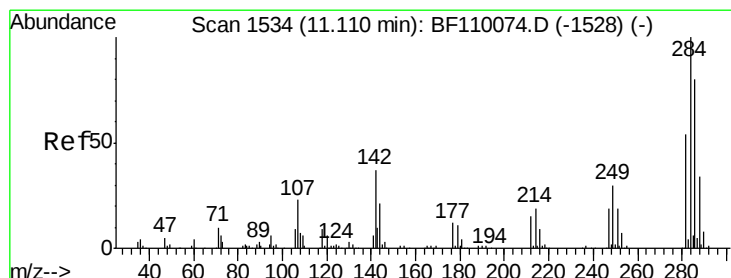
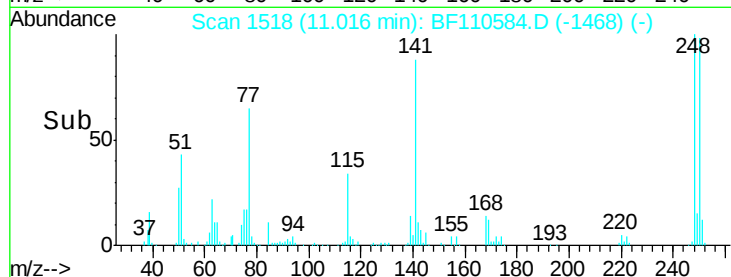
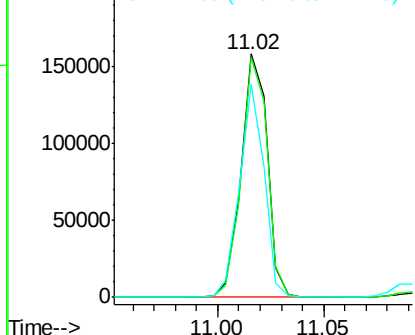
#67
 4-Bromophenyl-phenylether
 Concen: 40.72 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF110584.D
 Acq: 8 Nov 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 135243
 Ion Ratio Lower Upper
 248 100
 250 98.4 79.4 119.2
 141 87.6 55.9 83.9#

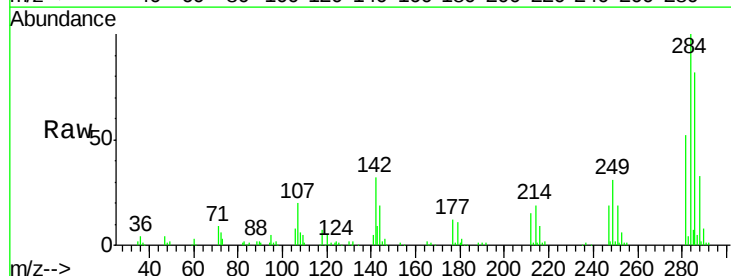


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

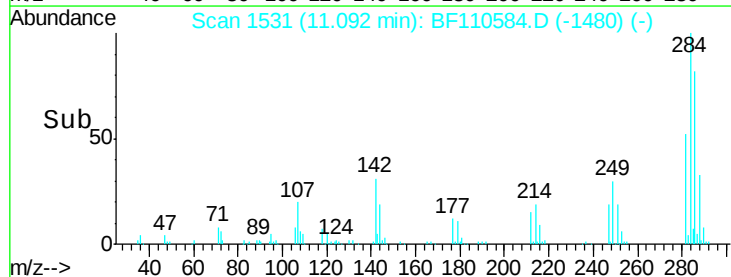
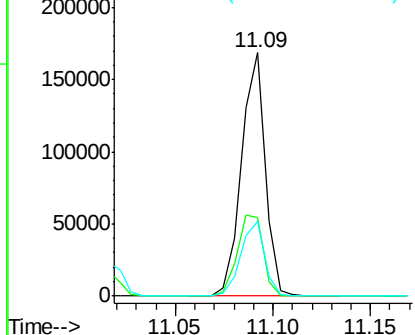


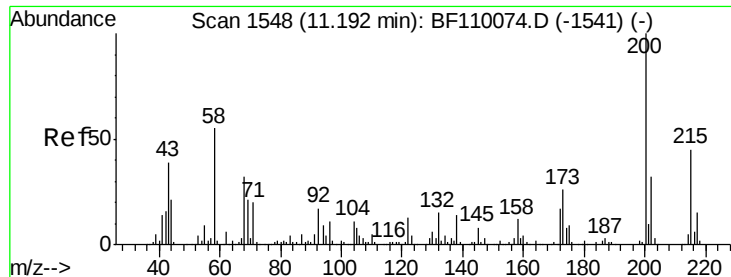
#68
 Hexachlorobenzene
 Concen: 40.54 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: BF110584.D
 Acq: 8 Nov 2018 15:00

Tgt Ion:284 Resp: 141955
 Ion Ratio Lower Upper
 284 100
 142 32.4 23.9 35.9
 249 30.5 24.2 36.2



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

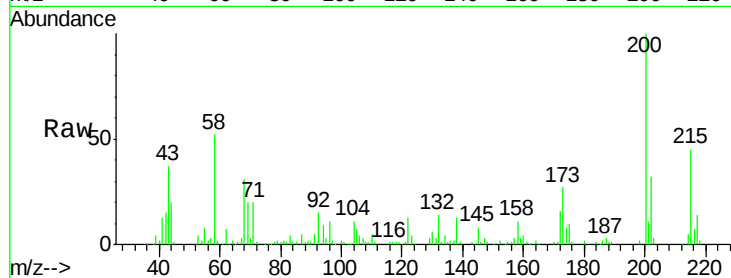




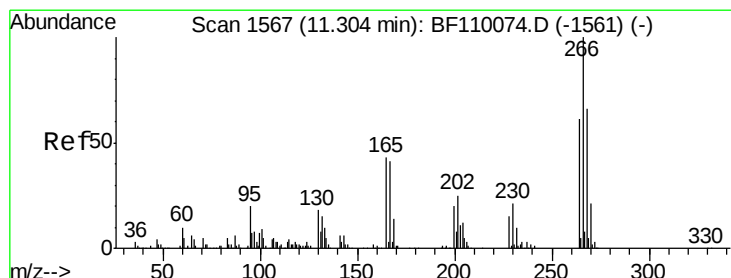
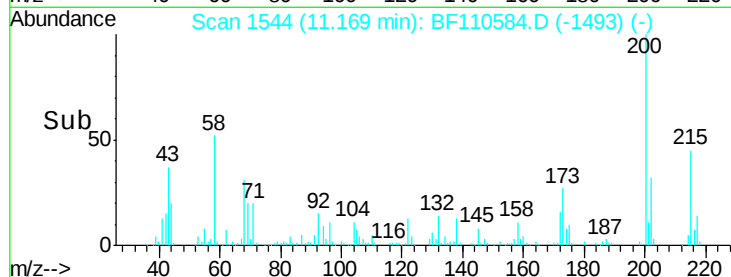
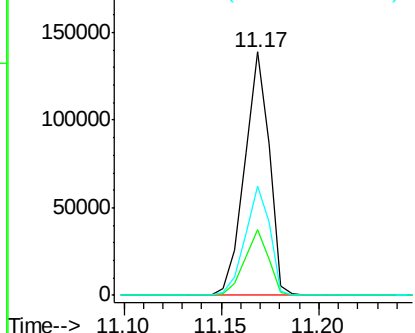
#69
 Atrazine
 Concen: 39.19 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. 0.00 min
 Lab File: BF110584.D
 Acq: 8 Nov 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 121355
 Ion Ratio Lower Upper
 200 100
 173 27.0 6.6 46.6
 215 44.7 26.3 66.3

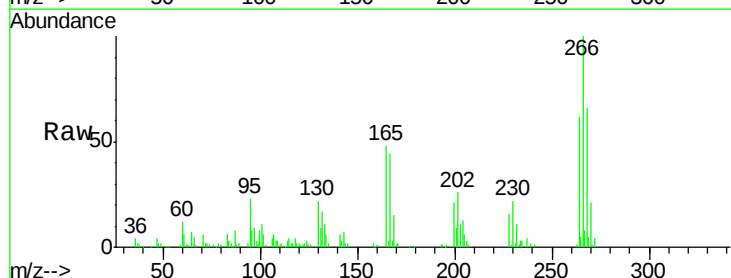


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

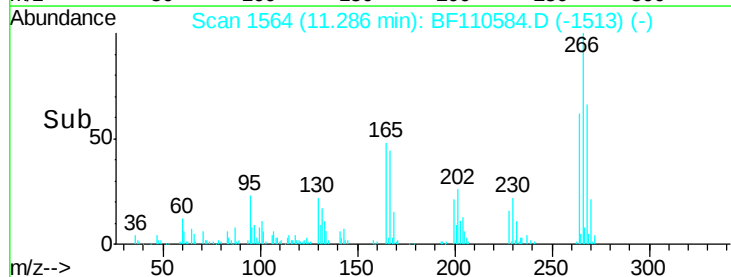
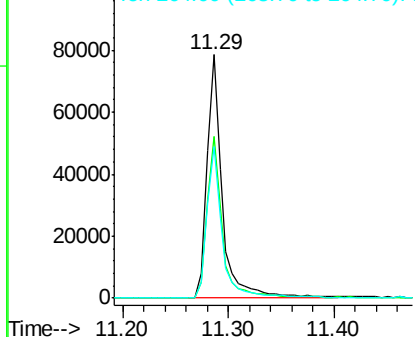


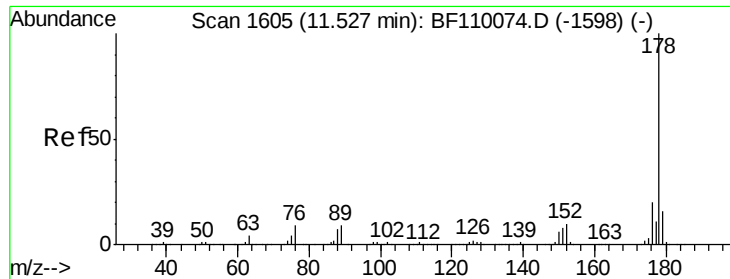
#70
 Pentachlorophenol
 Concen: 42.39 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF110584.D
 Acq: 8 Nov 2018 15:00

Tgt Ion:266 Resp: 79197
 Ion Ratio Lower Upper
 266 100
 268 66.2 50.6 75.8
 264 62.3 50.6 75.8



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

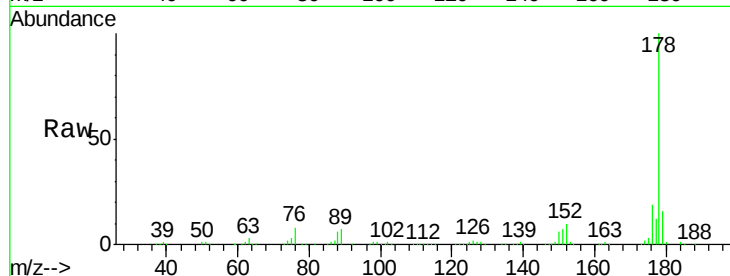




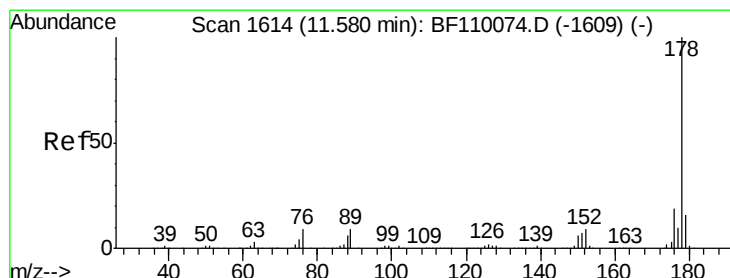
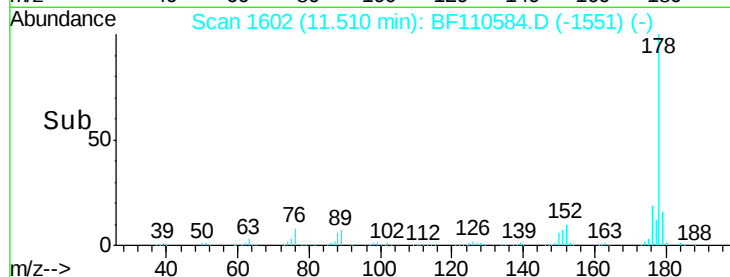
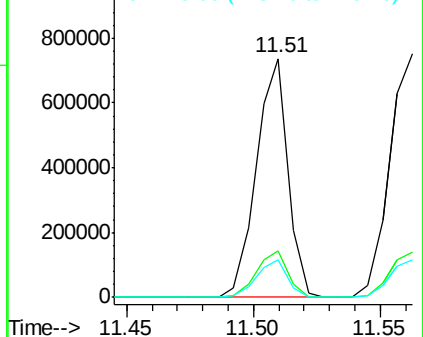
#71
Phenanthrene
Concen: 39.44 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 634938
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.6 12.5 18.7

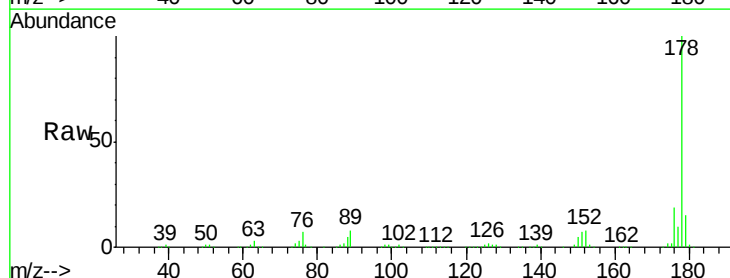


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

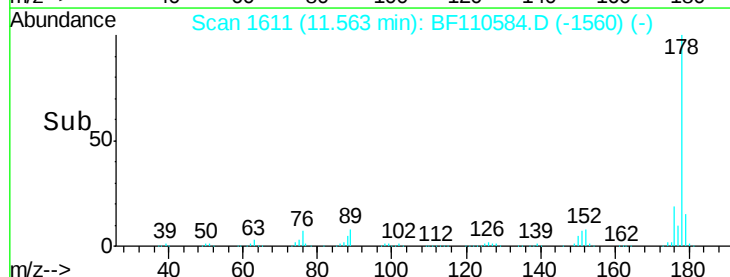
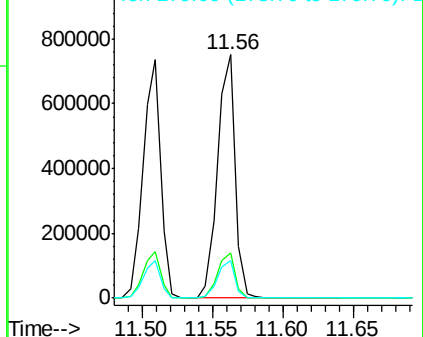


#72
Anthracene
Concen: 40.04 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Tgt Ion:178 Resp: 650184
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 15.3 12.6 18.8



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

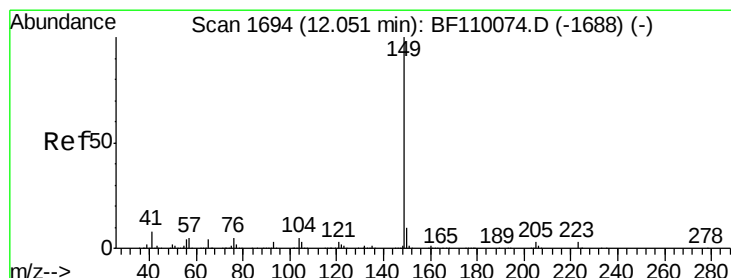
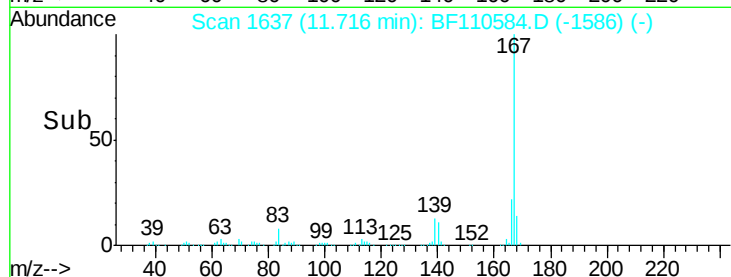
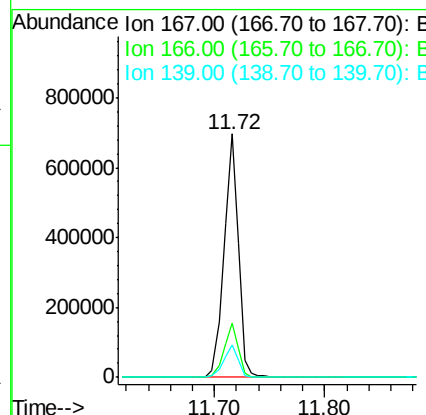
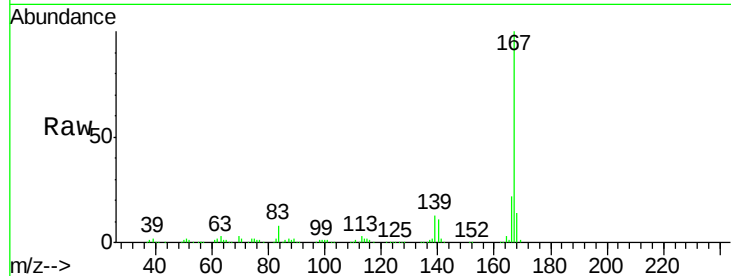




#73
 Carbazole
 Concen: 40.33 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110584.D
 Acq: 8 Nov 2018 15:00

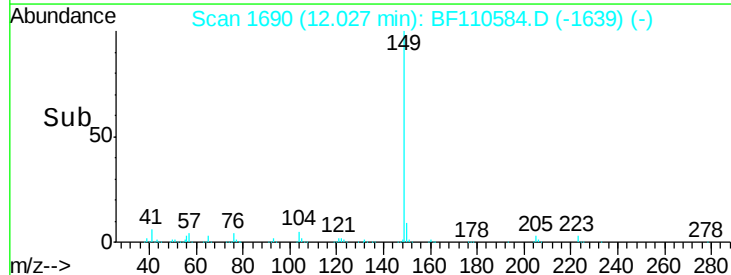
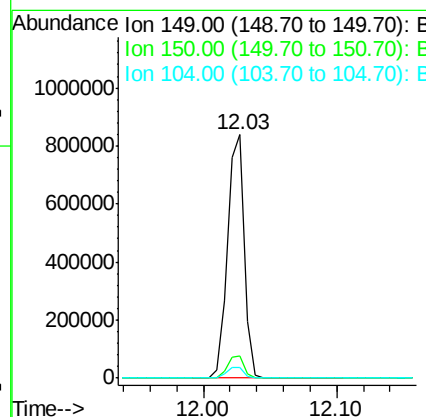
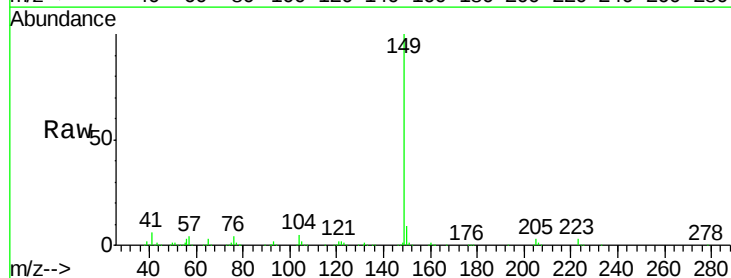
Instrument :
 BNA_F
 ClientSampleId :

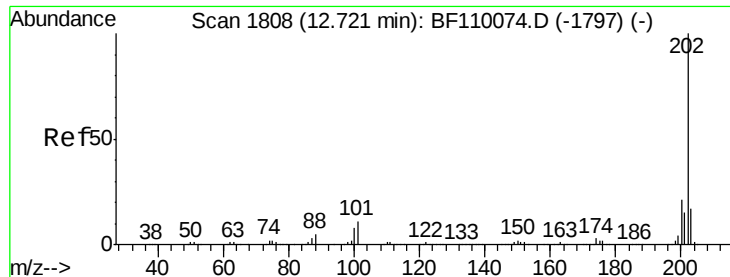
Tot Ion:167 Resp: 628994
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 40.54 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BF110584.D
 Acq: 8 Nov 2018 15:00

Tgt Ion:149 Resp: 741401
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.7 11.5
 104 4.5 4.2 6.4

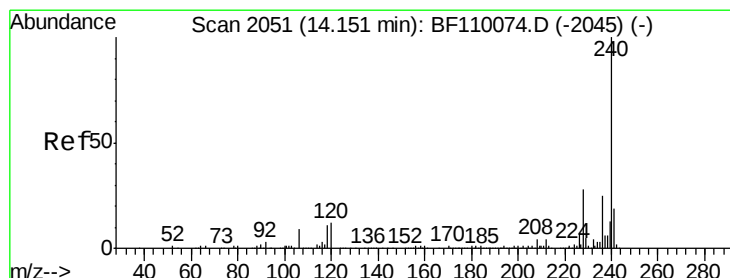
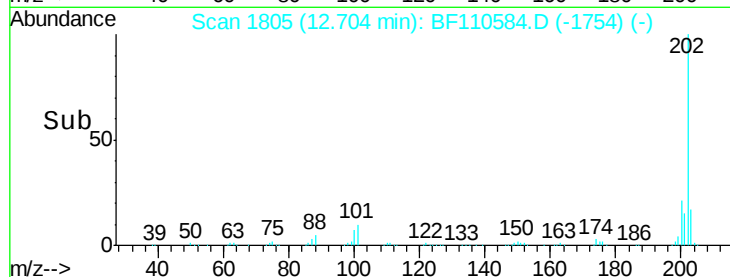
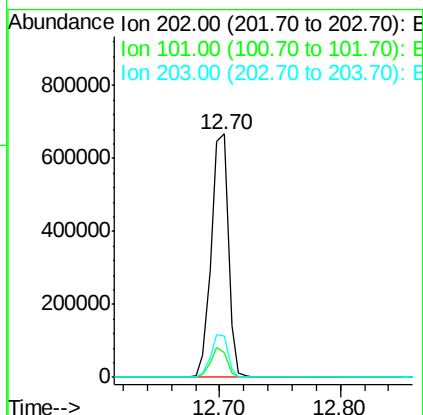
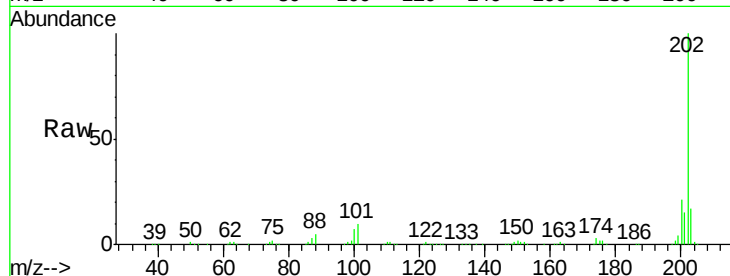




#75
 Fluoranthene
 Concen: 40.13 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: BF110584.D
 Acq: 8 Nov 2018 15:00

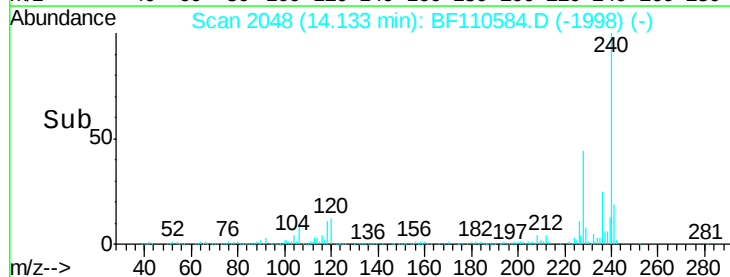
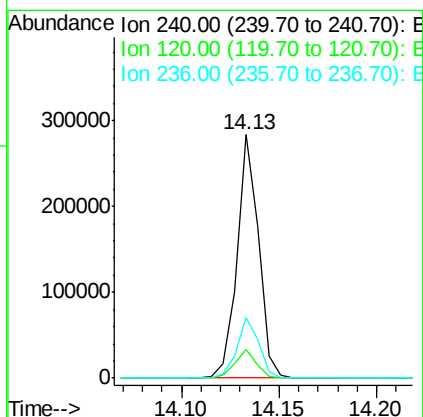
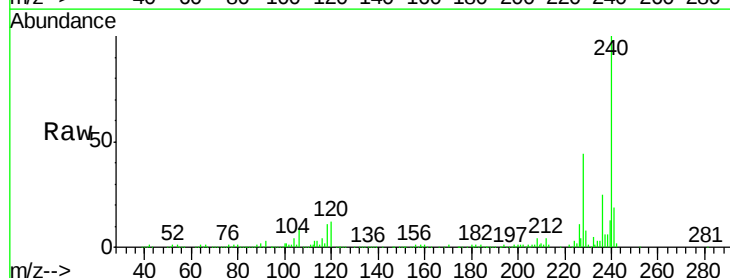
Instrument :
 BNA_F
 ClientSampleId :

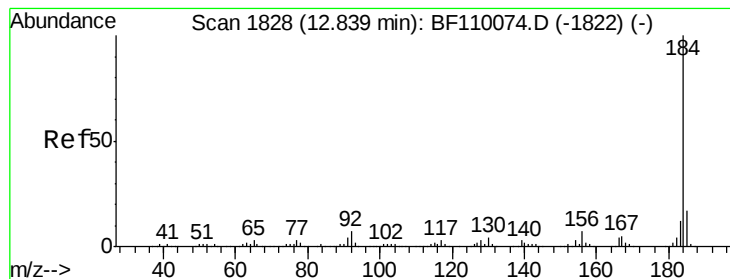
Tot Ion:202 Resp: 647714
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 31.4
 203 17.0 0.0 37.7



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110584.D
 Acq: 8 Nov 2018 15:00

Tgt Ion:240 Resp: 216241
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.3 12.5
 236 25.1 21.2 31.8





#77

Benzidine

Concen: 50.40 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

Instrument :

BNA_F

ClientSampleId :

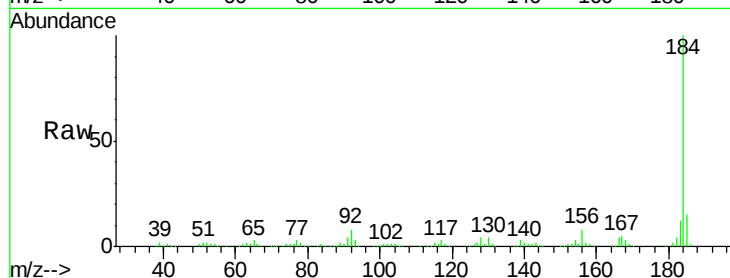
Tot Ion:184 Resp: 299700

Ion Ratio Lower Upper

184 100

185 15.5 13.4 20.2

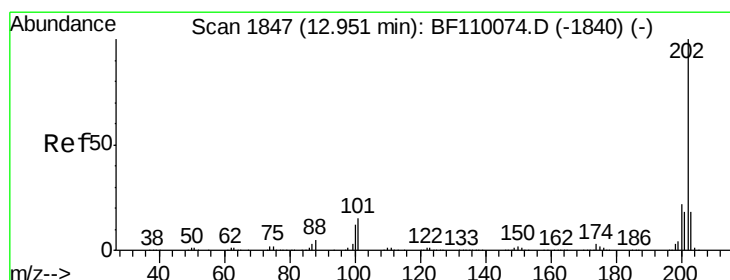
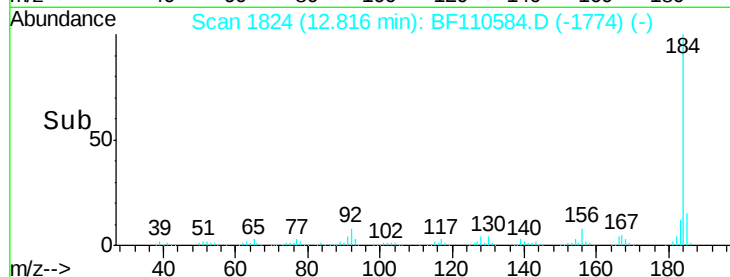
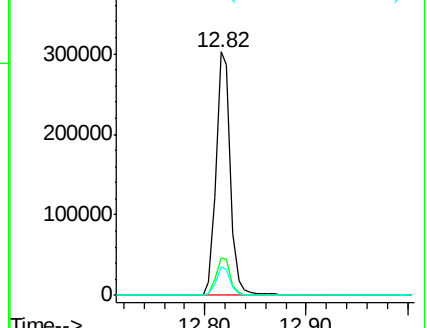
183 11.5 9.4 14.2



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: 39.92 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

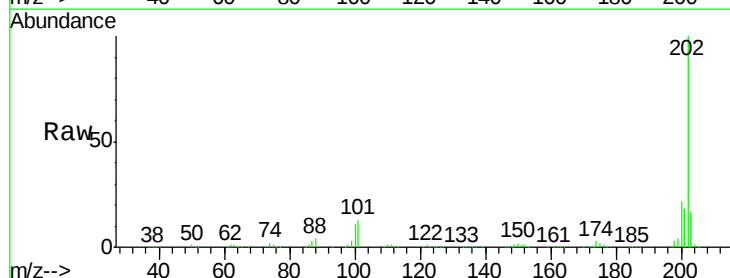
Tgt Ion:202 Resp: 664667

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

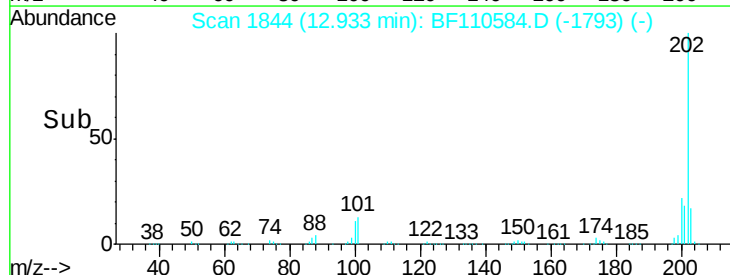
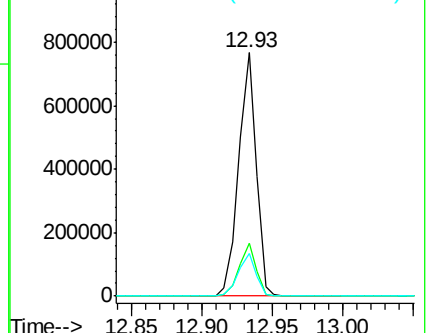
203 17.3 14.2 21.4



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: 79.16 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

Instrument :

BNA_F

ClientSampleId :

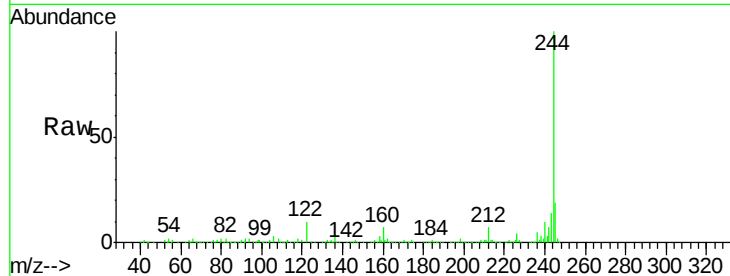
Tot Ion:244 Resp: 914024

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

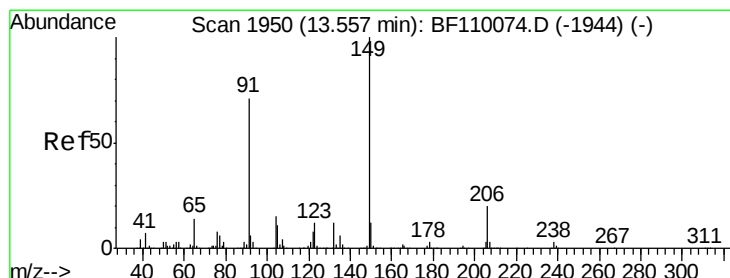
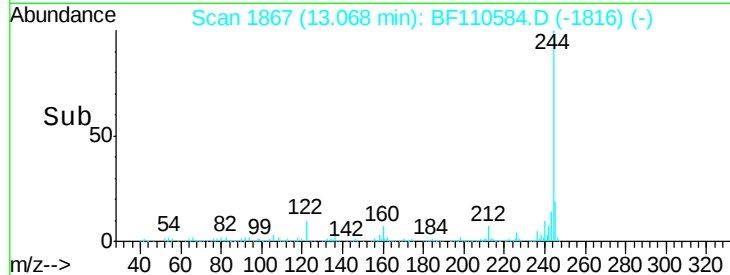
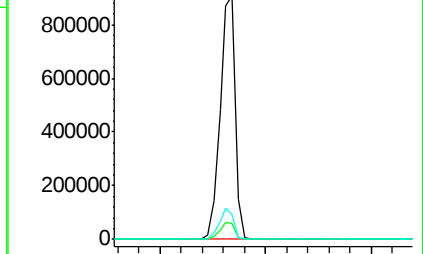
122 10.2 8.7 13.1



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: 40.62 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

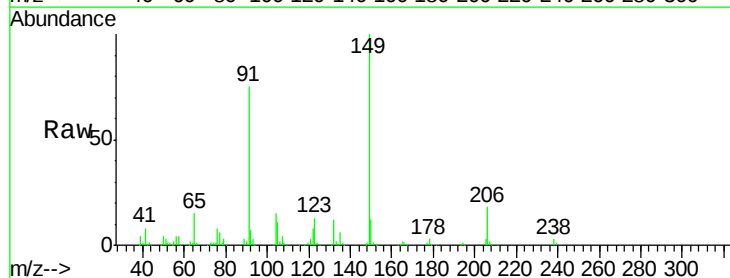
Tgt Ion:149 Resp: 291127

Ion Ratio Lower Upper

149 100

91 74.9 57.2 85.8

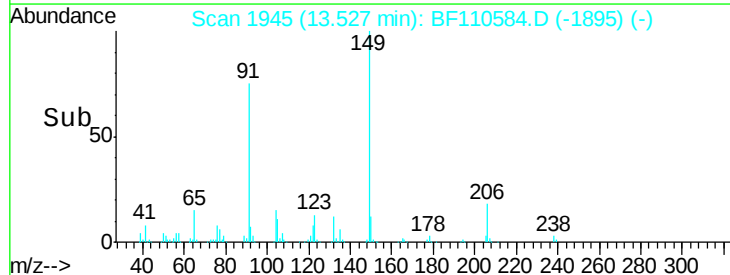
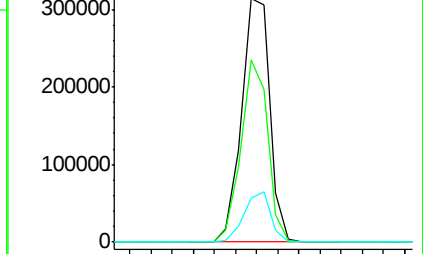
206 18.2 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.20 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

Instrument :

BNA_F

ClientSampleId :

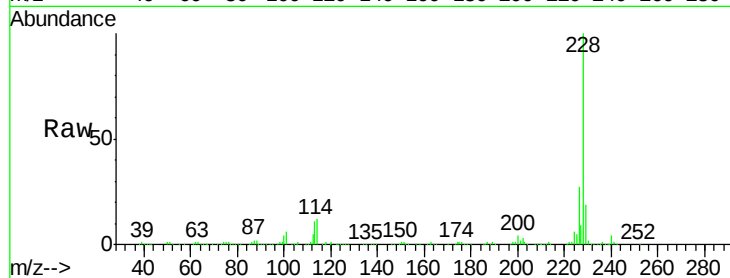
Tot Ion:228 Resp: 519541

Ion Ratio Lower Upper

228 100

226 26.7 22.1 33.1

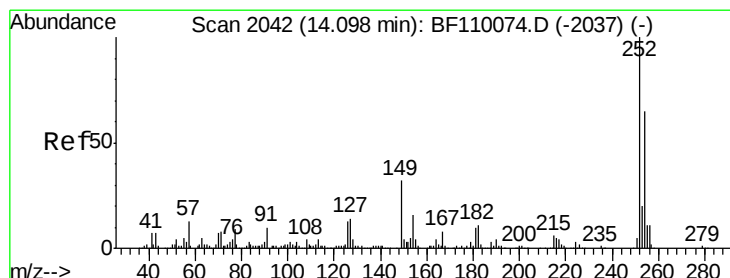
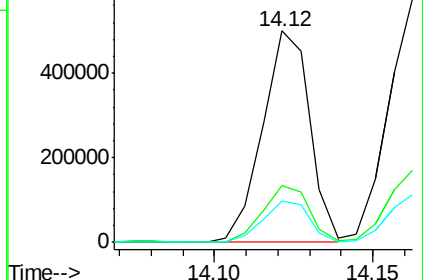
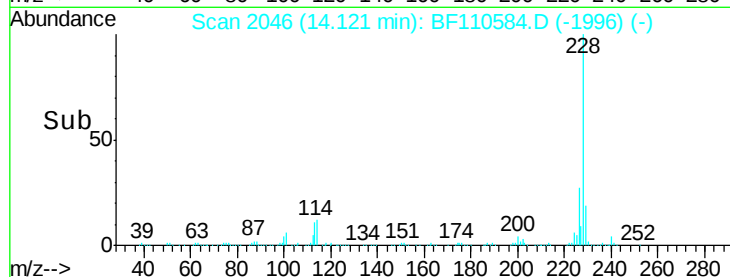
229 19.3 15.6 23.4



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: 40.11 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

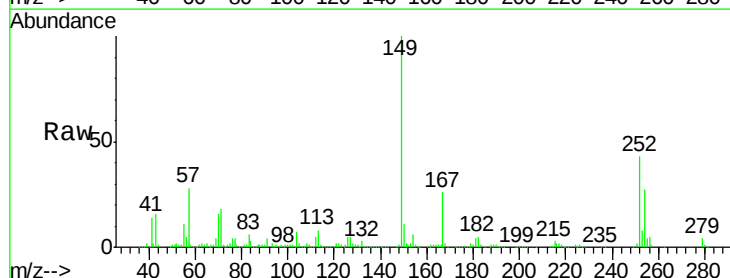
Tgt Ion:252 Resp: 173657

Ion Ratio Lower Upper

252 100

254 63.5 51.3 76.9

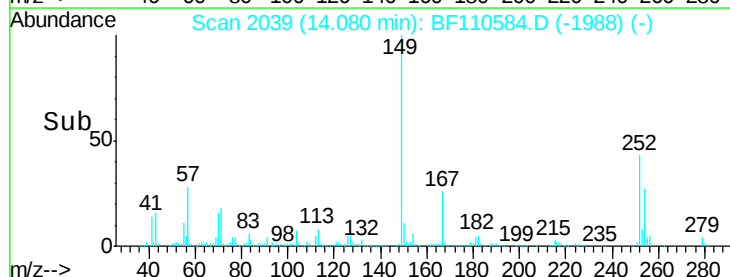
126 11.9 9.4 14.2



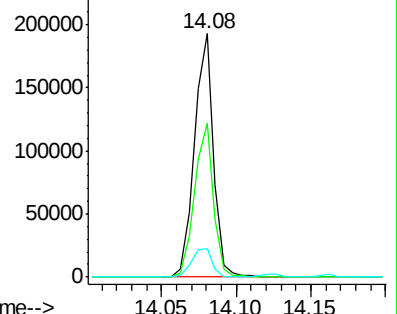
Abundance Ion 252.00 (251.70 to 252.70): E

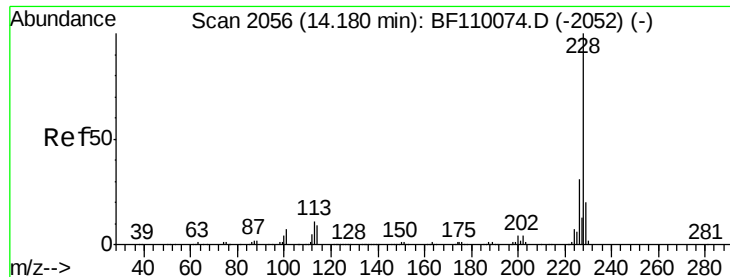
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->





#83

Chrvsene

Concen: 39.80 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

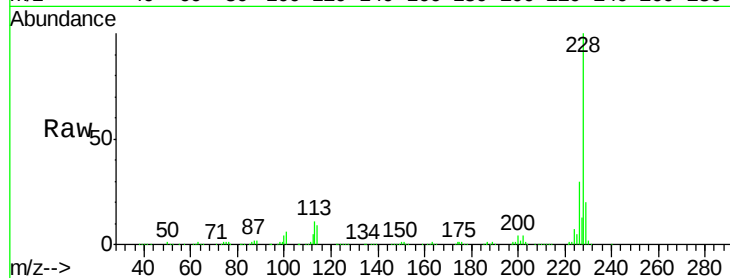
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 490075

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.7	37.1
229	19.7	15.9	23.9

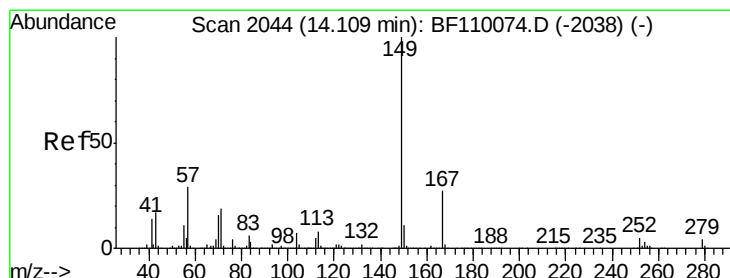
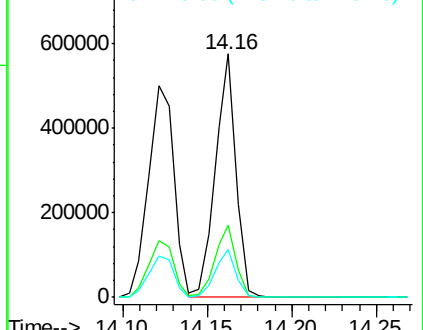
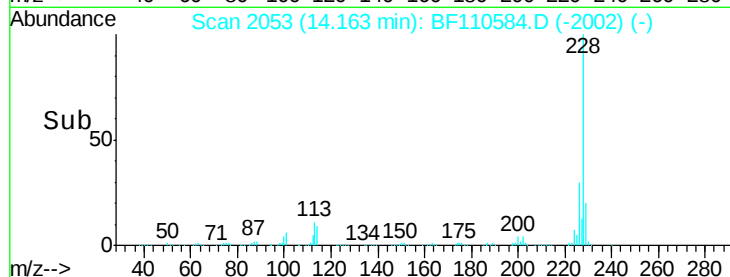


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.42 ng

RT: 14.08 min Scan# 2039

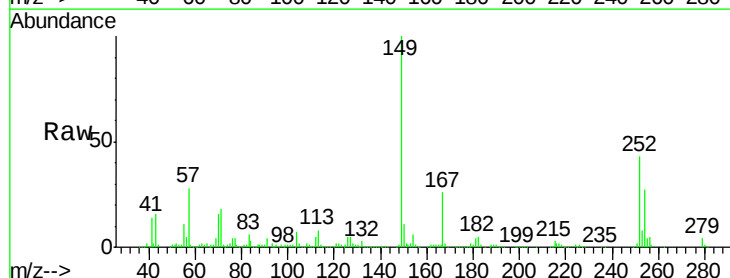
Delta R.T. 0.00 min

Lab File: BF110584.D

Acq: 8 Nov 2018 15:00

Tgt Ion:149 Resp: 368192

Ion	Ratio	Lower	Upper
149	100		
167	26.3	19.8	29.8
279	3.6	2.7	4.1

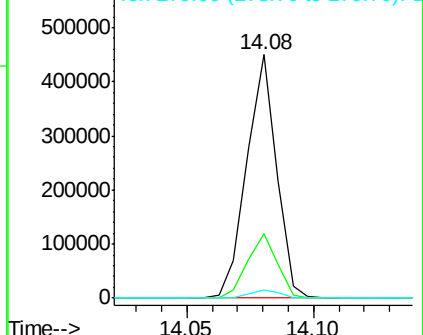
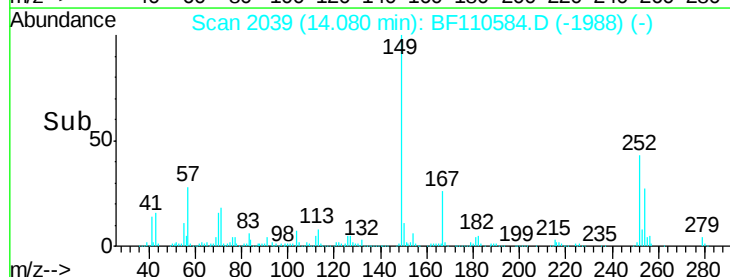


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

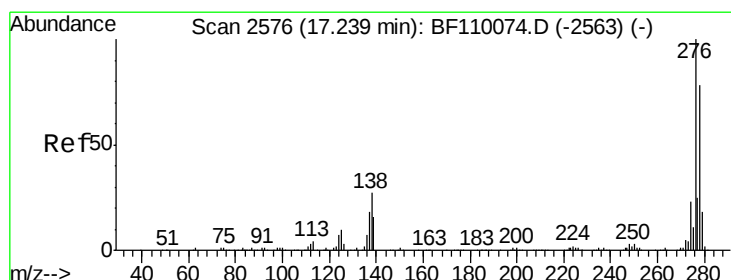
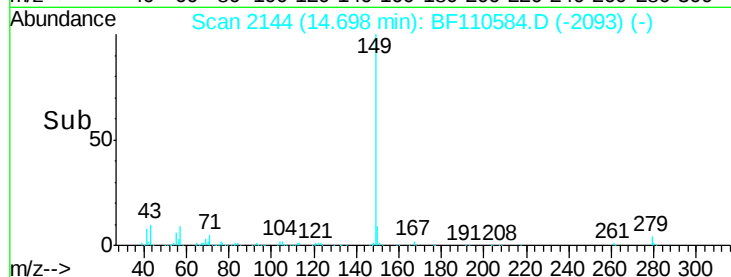
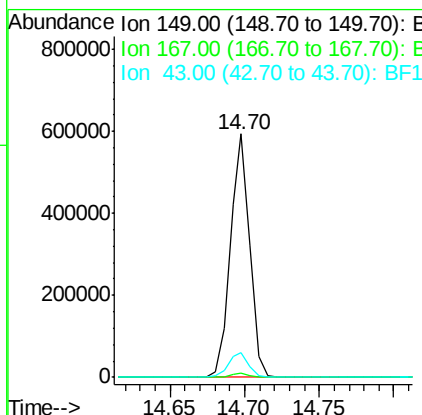
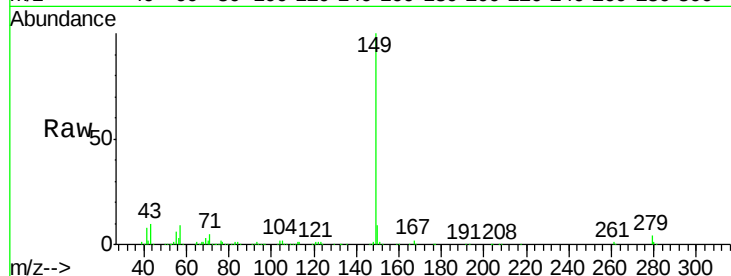




#85
Di-n-octyl phthalate
Concen: 41.45 ng
RT: 14.70 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

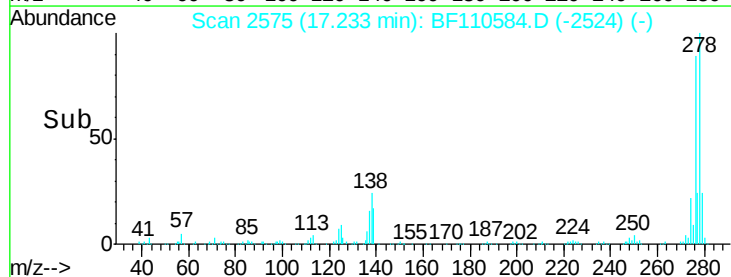
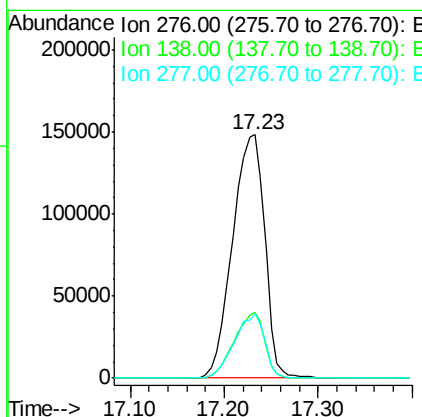
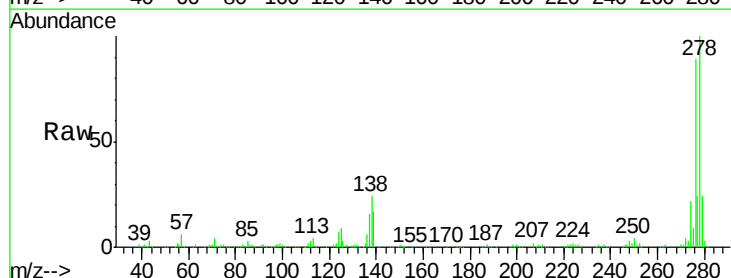
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 541904
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.3 7.8 11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.93 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Tgt Ion:276 Resp: 352804
Ion Ratio Lower Upper
276 100
138 25.5 18.5 27.7
277 24.9 20.0 30.0

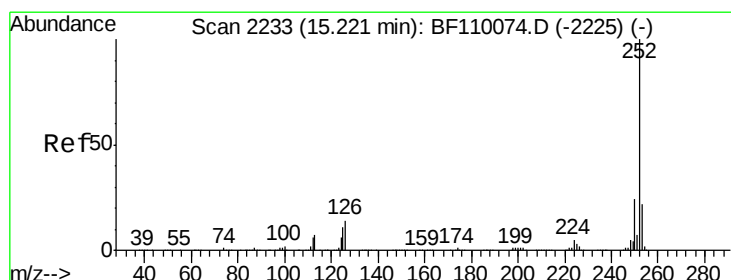
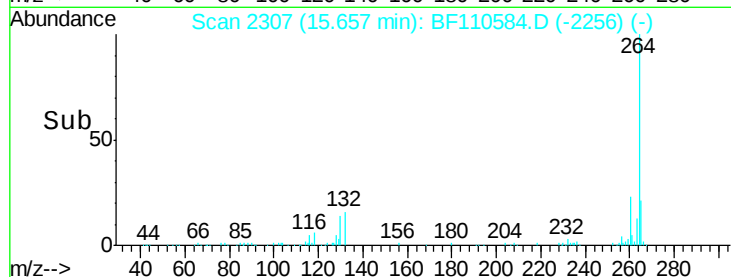
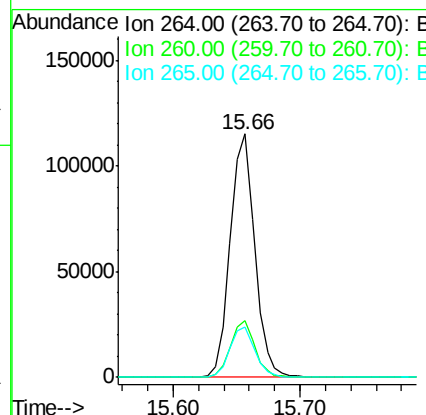
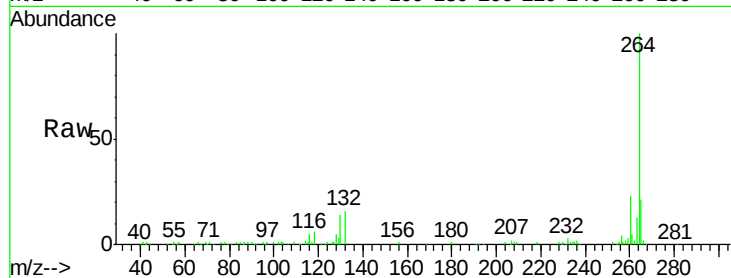




#87
Pervlene-d12
Concen: 20.00 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

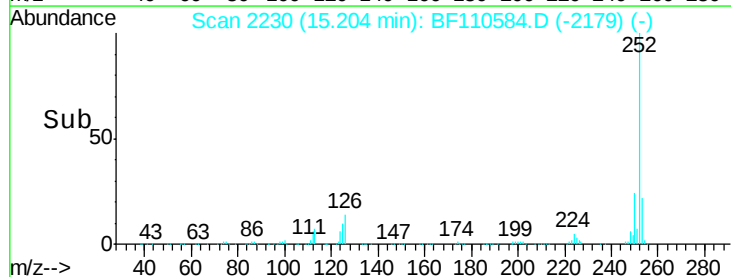
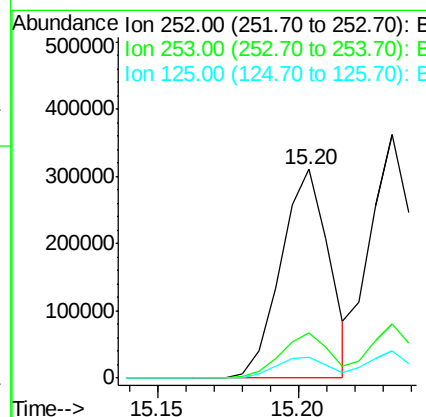
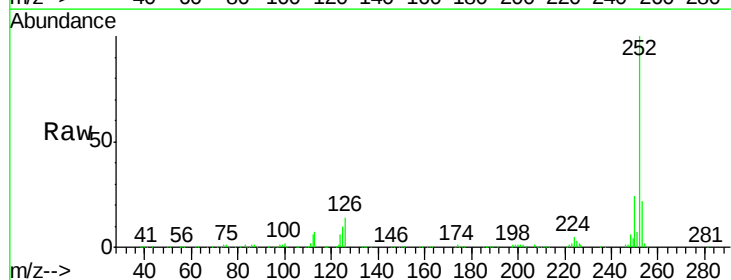
Instrument :
BNA_F
ClientSampleId :

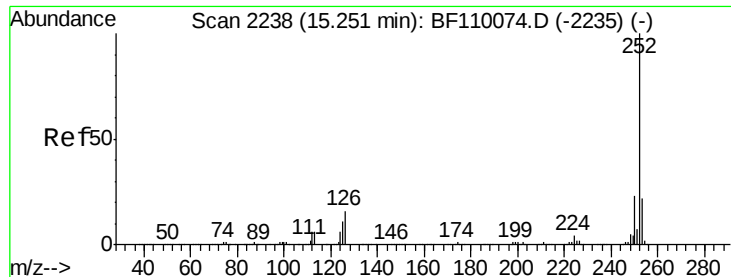
Tot Ion:264 Resp: 154433
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 20.8 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 39.89 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Tgt Ion:252 Resp: 368520
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 10.1 8.2 12.4

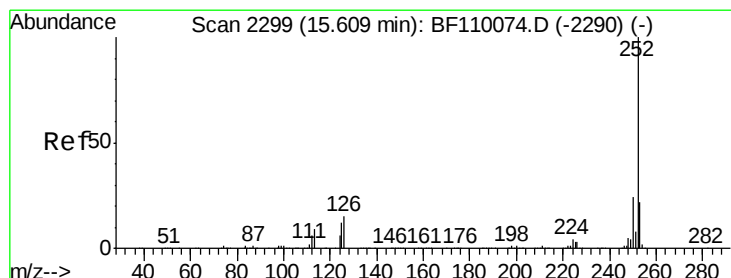
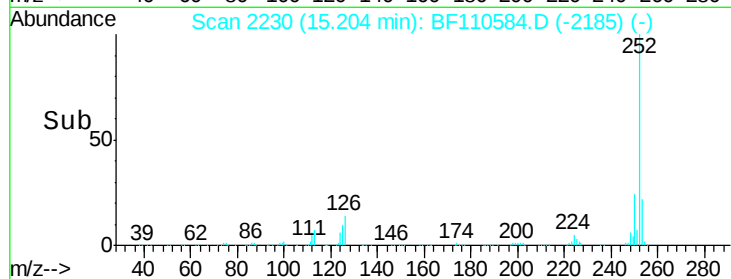
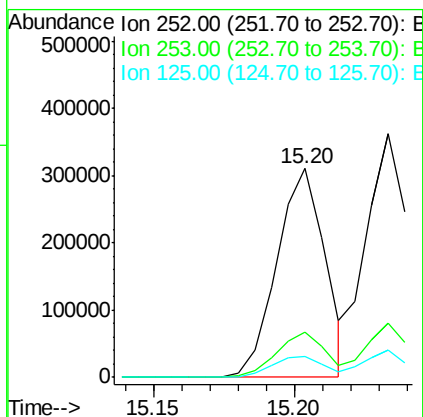
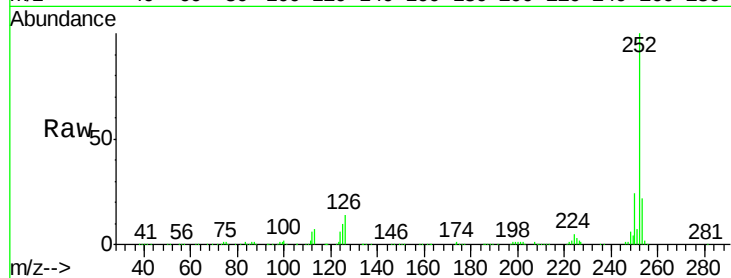




#89
Benzo(k)fluoranthene
Concen: 40.37 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

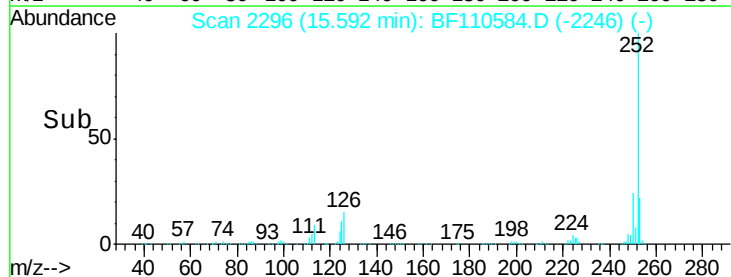
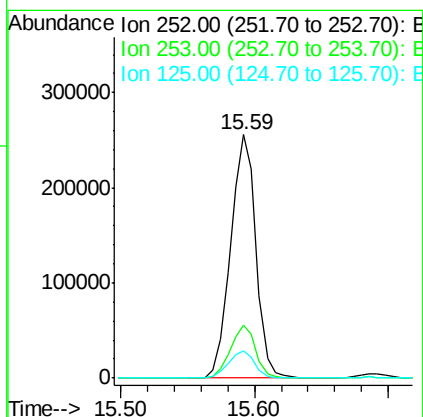
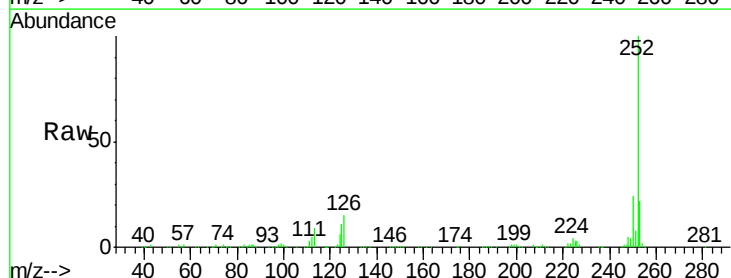
Instrument :
BNA_F
ClientSampleId :

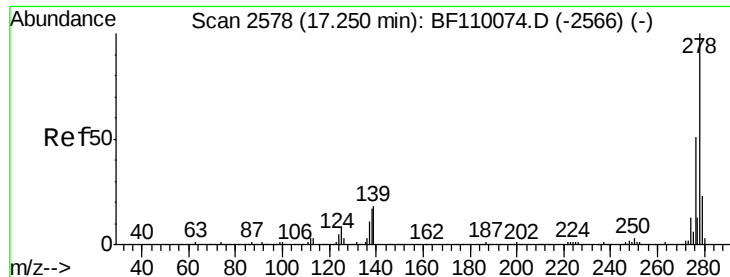
Tot Ion:252 Resp: 368520
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 10.1 7.4 11.0



#90
Benzo(a)pyrene
Concen: 40.44 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Tgt Ion:252 Resp: 339442
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 11.4 9.0 13.6

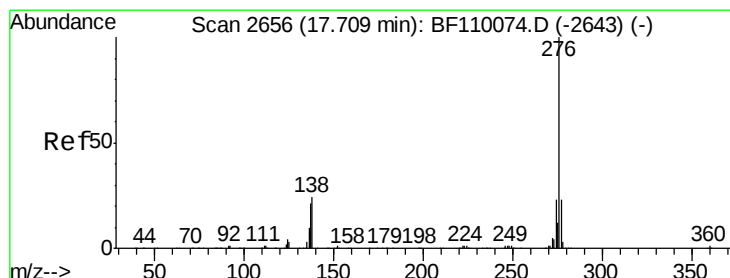
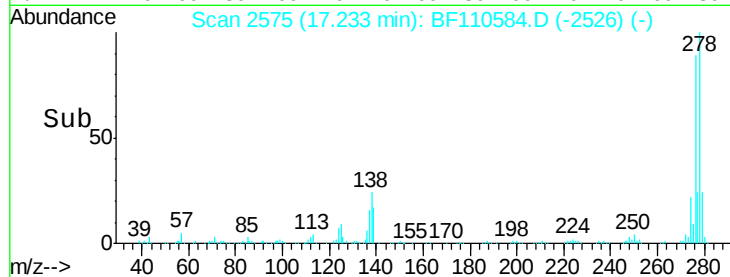
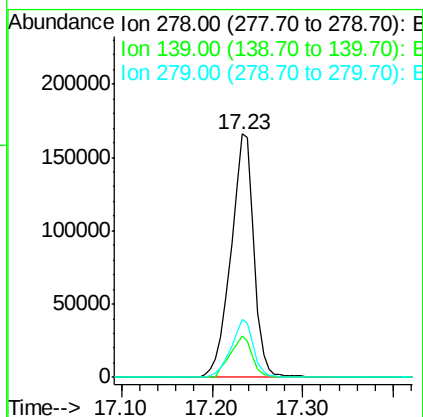
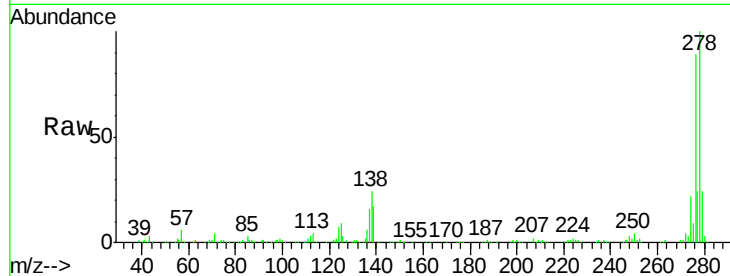




#91
Dibenzo(a,h)anthracene
Concen: 41.44 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 294380
Ion Ratio Lower Upper
278 100
139 17.2 12.7 19.1
279 23.7 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 41.97 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.01 min
Lab File: BF110584.D
Acq: 8 Nov 2018 15:00

Tgt Ion:276 Resp: 295807
Ion Ratio Lower Upper
276 100
277 22.7 18.8 28.2
138 21.4 16.0 24.0

