

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110611.D
 Acq On : 9 Nov 2018 4:05
 Operator : JU/SJ
 Sample : PB114627BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 08:45:28 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	75045	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	303342	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	131650	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	201730	20.00	ng	0.00
76) Chrysene-d12	14.13	240	151196	20.00	ng	0.00
87) Perylene-d12	15.65	264	118319	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	460333	99.64	ng	0.01
7) Phenol-d6	6.57	99	574938	97.32	ng	0.00
23) Nitrobenzene-d5	7.52	82	522788	99.25	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	116087	87.51	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	964365	104.62	ng	0.00
79) Terphenyl-d14	13.06	244	612162	75.82	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.85	88	70368	30.57	ng	89
3) Pyridine	3.62	79	209065	42.08	ng	# 86
4) n-Nitrosodimethylamine	3.59	42	111985	52.53	ng	89
6) Aniline	6.61	93	152596	19.81	ng	# 54
8) 2-Chlorophenol	6.73	128	247852	45.76	ng	99
9) Benzaldehyde	6.50	77	136773	44.34	ng	99
10) Phenol	6.59	94	298536	43.58	ng	# 65
11) bis(2-Chloroethyl)ether	6.68	93	224389	43.71	ng	96
12) 1,3-Dichlorobenzene	6.89	146	258258	43.58	ng	98
13) 1,4-Dichlorobenzene	6.96	146	261405	43.44	ng	100
14) 1,2-Dichlorobenzene	7.12	146	243072	43.42	ng	100
15) Benzyl Alcohol	7.09	79	211890	45.83	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.21	45	361108	44.79	ng	72
17) 2-Methylphenol	7.19	107	202970	47.09	ng	# 83
18) Hexachloroethane	7.45	117	91862	41.35	ng	93
19) n-Nitroso-di-n-propylamine	7.36	70	166636	44.19	ng	95
20) 3+4-Methylphenols	7.35	107	254957	46.08	ng	91
22) Acetophenone	7.36	105	338535	47.89	ng	# 94
24) Nitrobenzene	7.53	77	255330	47.31	ng	94
25) Isophorone	7.76	82	457828	53.03	ng	98
26) 2-Nitrophenol	7.85	139	122601	45.54	ng	97
27) 2,4-Dimethylphenol	7.87	122	229090	55.87	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	290635	49.72	ng	100
29) 2,4-Dichlorophenol	8.09	162	201716	47.81	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	215900	45.39	ng	95
31) Naphthalene	8.25	128	699036	49.09	ng	100
32) Benzoic acid	7.98	122	51242	17.66	ng	97
33) 4-Chloroaniline	8.30	127	63488	9.84	ng	98
34) Hexachlorobutadiene	8.36	225	121720	44.80	ng	98
35) Caprolactam	8.71	113	26615	18.88	ng	94
36) 4-Chloro-3-methylphenol	8.78	107	214227	47.08	ng	96
37) 2-Methylnaphthalene	8.94	142	476509	51.04	ng	99
38) 1-Methylnaphthalene	9.04	142	442717	49.31	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	201126	48.26	ng	99

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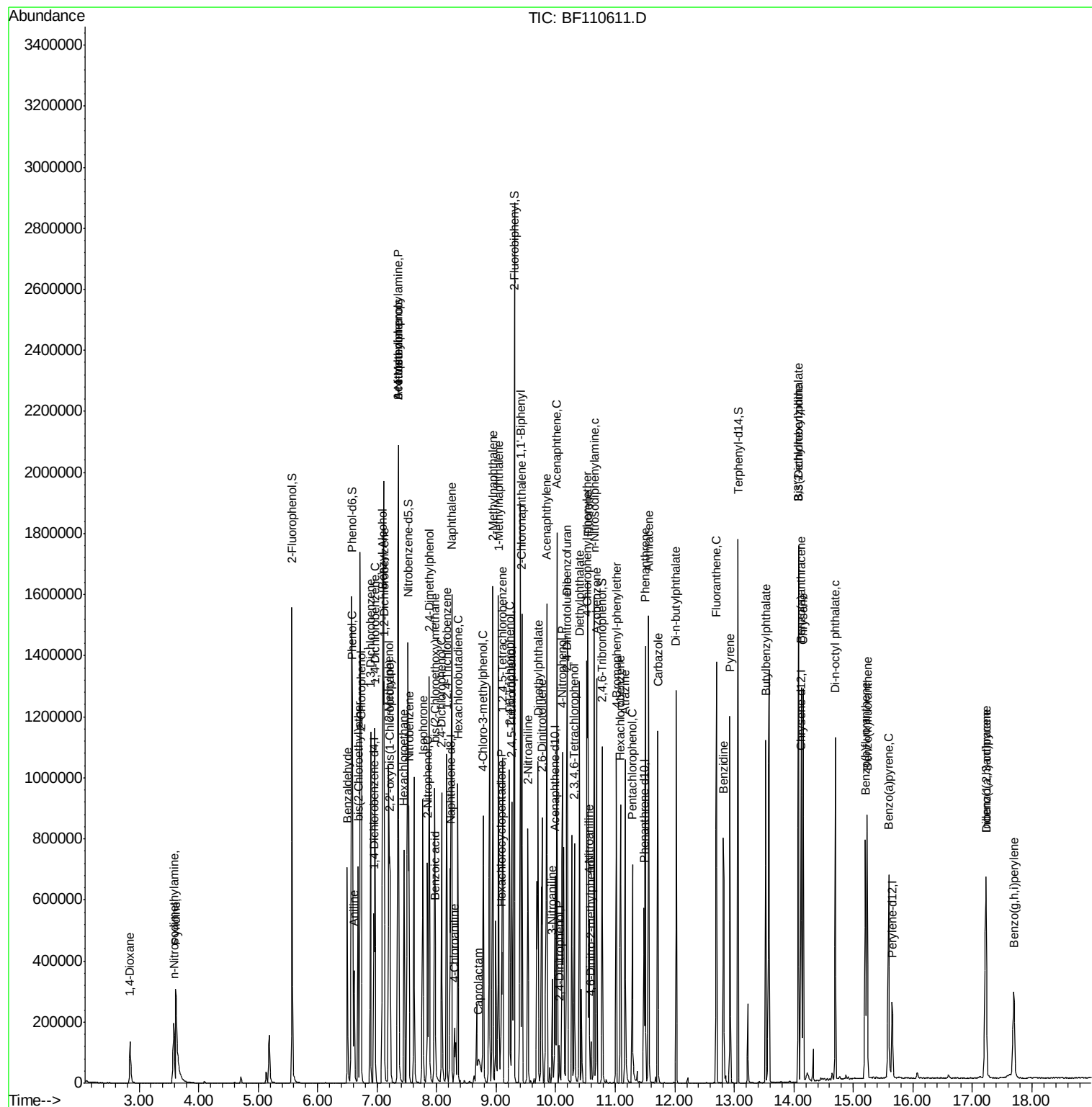
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	61261	41.74	nq	98
43) 2,4,6-Trichlorophenol	9.22	196	128013	48.88	nq	98
44) 2,4,5-Trichlorophenol	9.26	196	135565	48.53	nq	95
46) 1,1'-Biphenyl	9.40	154	573078	46.66	nq	100
47) 2-Chloronaphthalene	9.43	162	418289	47.28	nq	99
48) 2-Nitroaniline	9.53	65	133092	48.81	nq	95
49) Acenaphthylene	9.85	152	642489	50.42	nq	99
50) Dimethylphthalate	9.70	163	503451	51.25	nq	99
51) 2,6-Dinitrotoluene	9.77	165	105493	48.82	nq	90
52) Acenaphthene	10.02	154	383051	47.57	nq	98
53) 3-Nitroaniline	9.95	138	56831	22.70	nq	85
54) 2,4-Dinitrophenol	10.06	184	18561	25.00	nq	91
55) Dibenzofuran	10.19	168	551758	46.83	nq	98
56) 4-Nitrophenol	10.11	139	198512	119.52	nq	95
57) 2,4-Dinitrotoluene	10.18	165	130058	46.29	nq	97
58) Fluorene	10.54	166	425614	47.03	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.32	232	99417	45.24	nq	# 92
60) Diethylphthalate	10.40	149	475547	48.93	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	209545	44.72	nq	98
62) 4-Nitroaniline	10.56	138	88468	35.09	nq	92
63) Azobenzene	10.69	77	433274	45.70	nq	97
65) 4,6-Dinitro-2-methylphenol	10.59	198	16071	15.81	nq	79
66) n-Nitrosodiphenylamine	10.65	169	372844	54.83	nq	96
67) 4-Bromophenyl-phenylether	11.02	248	117931	52.90	nq	93
68) Hexachlorobenzene	11.09	284	116165	49.42	nq	# 89
69) Atrazine	11.17	200	118226	56.86	nq	99
70) Pentachlorophenol	11.29	266	93066	74.20	nq	97
71) Phenanthrene	11.50	178	554077	51.27	nq	99
72) Anthracene	11.56	178	570106	52.29	nq	99
73) Carbazole	11.72	167	485717	46.39	nq	98
74) Di-n-butylphthalate	12.02	149	656150	53.44	nq	99
75) Fluoranthene	12.70	202	514948	47.52	nq	100
77) Benzidine	12.82	184	320940	77.19	nq	98
78) Pyrene	12.93	202	513343	44.10	nq	97
80) Butylbenzylphthalate	13.53	149	240769	48.05	nq	97
81) Benzo(a)anthracene	14.12	228	467098	51.69	nq	100
82) 3,3'-Dichlorobenzidine	14.07	252	130606	43.14	nq	99
83) Chrysene	14.16	228	435101	50.54	nq	99
84) Bis(2-ethylhexyl)phthalate	14.08	149	324106	52.14	nq	# 95
85) Di-n-octyl phthalate	14.70	149	563595	61.66	nq	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	310757	50.30	nq	97
88) Benzo(b)fluoranthene	15.20	252	391019	55.24	nq	97
89) Benzo(k)fluoranthene	15.23	252	363163	51.92	nq	99
90) Benzo(a)pyrene	15.59	252	343016	53.34	nq	98
91) Dibenzo(a,h)anthracene	17.23	278	262313	48.20	nq	98
92) Benzo(g,h,i)perylene	17.70	276	252909	46.84	nq	97

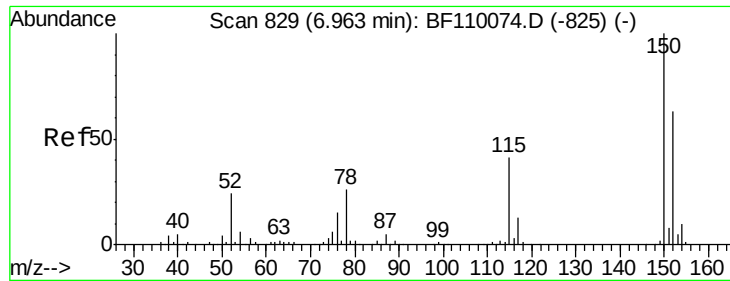
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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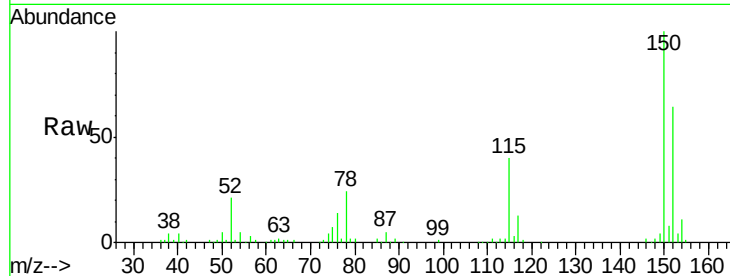


#1

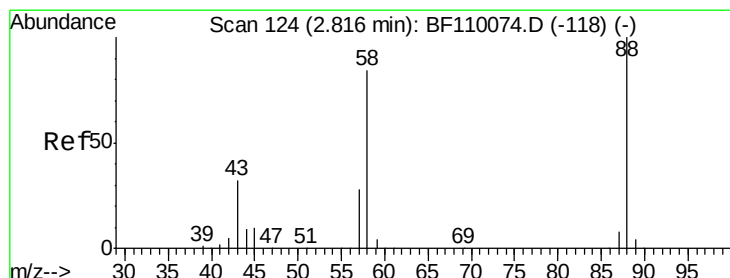
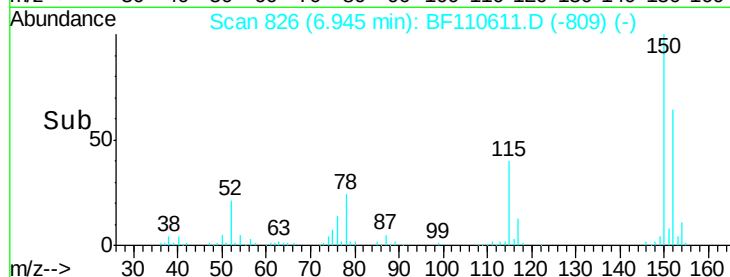
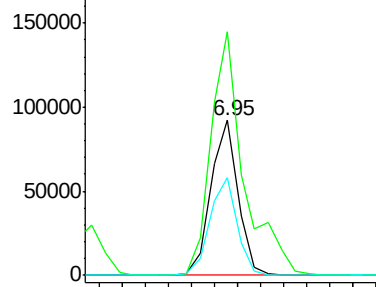
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75045
Ion Ratio Lower Upper
152 100
150 156.9 122.7 184.1
115 62.7 49.1 73.7



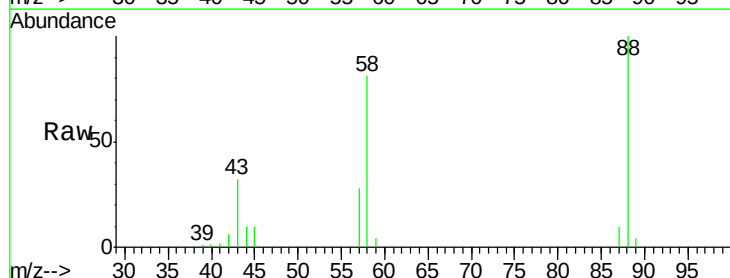
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



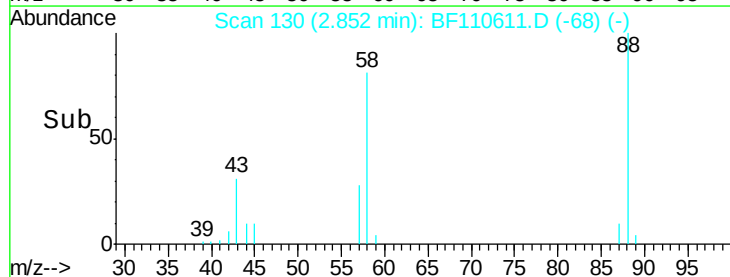
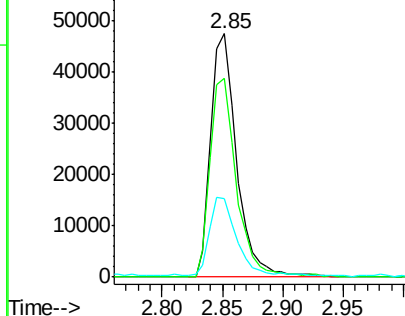
#2

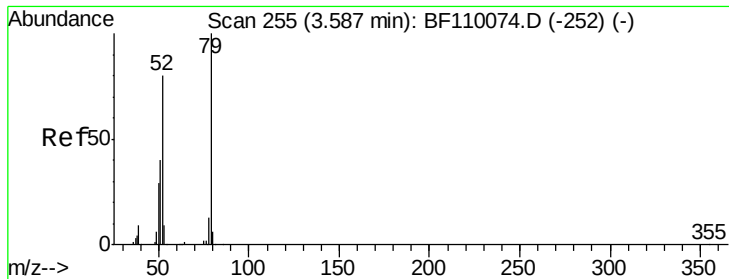
1,4-Dioxane
Concen: 30.57 ng
RT: 2.85 min Scan# 130
Delta R.T. 0.06 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion: 88 Resp: 70368
Ion Ratio Lower Upper
88 100
58 83.1 57.1 85.7
43 32.8 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: 42.08 ng

RT: 3.62 min Scan# 260

Delta R.T. 0.05 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

ClientSampleId :

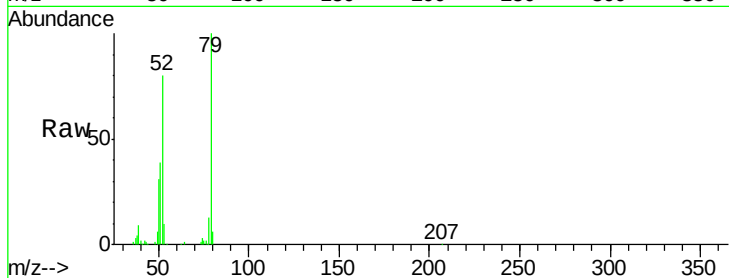
Tot Ion: 79 Resp: 209065

Ion Ratio Lower Upper

79 100

52 80.1 53.1 79.7#

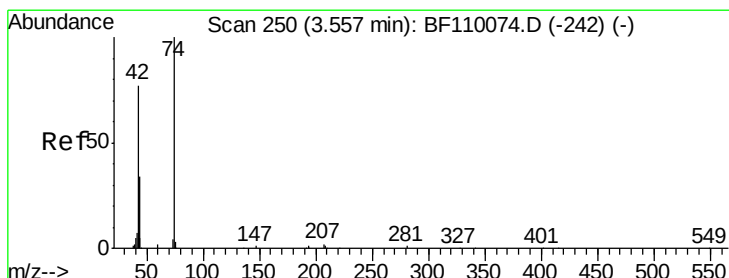
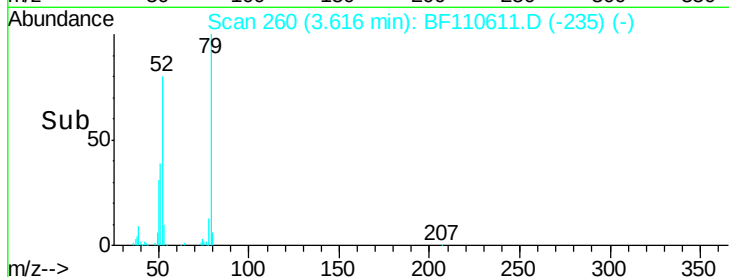
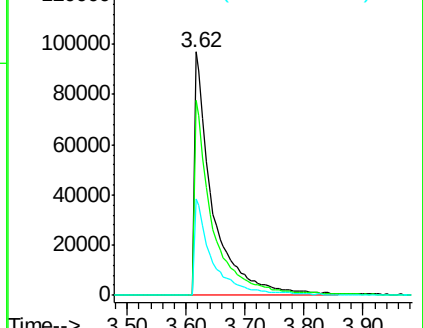
51 39.4 27.4 41.2



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: 52.53 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.05 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

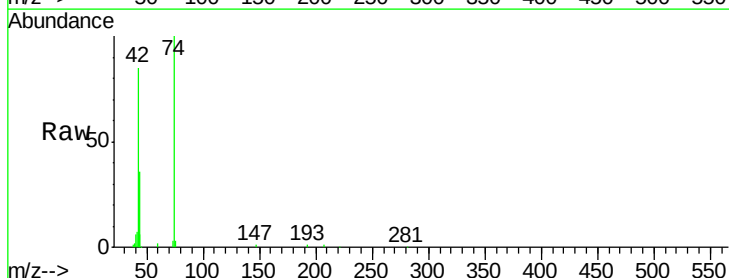
Tgt Ion: 42 Resp: 111985

Ion Ratio Lower Upper

42 100

74 118.3 105.5 158.3

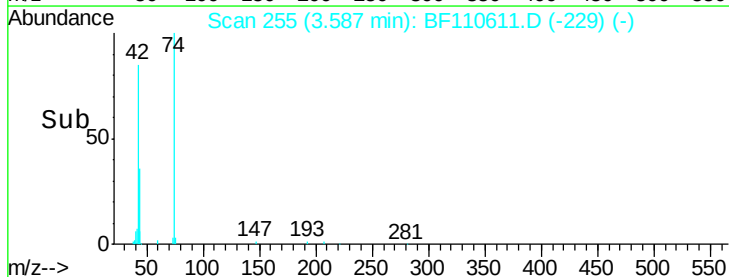
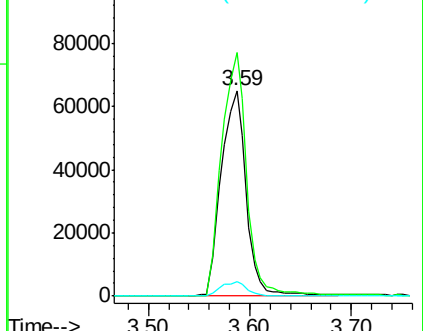
44 6.9 4.9 7.3

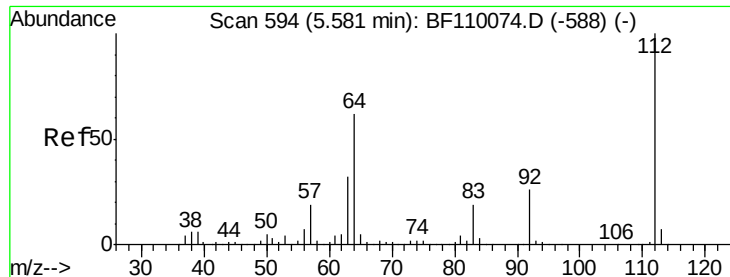


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 99.64 ng

RT: 5.57 min Scan# 593

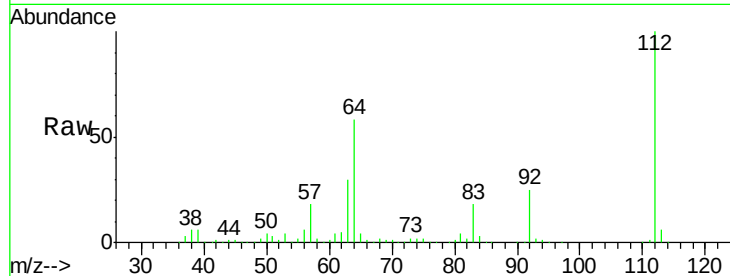
Delta R.T. 0.01 min

Lab File: BF110611.D

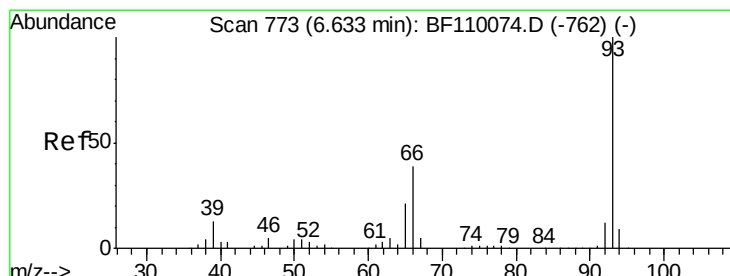
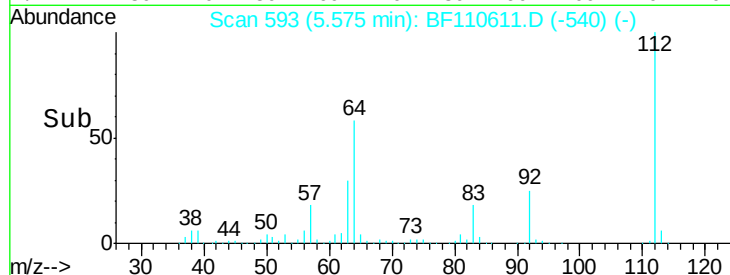
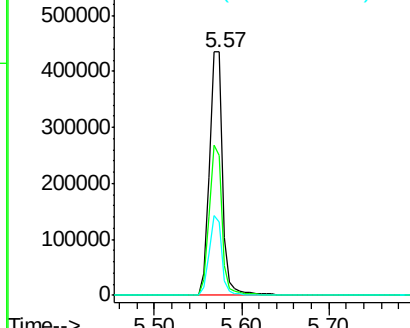
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	460333
Ion	Ratio	Lower	Upper
112	100		
64	57.7	44.1	66.1
63	30.0	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: 19.81 ng

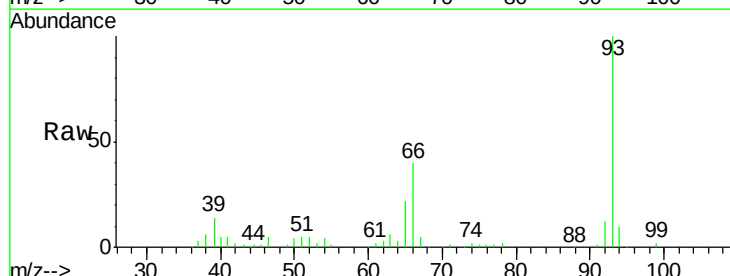
RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

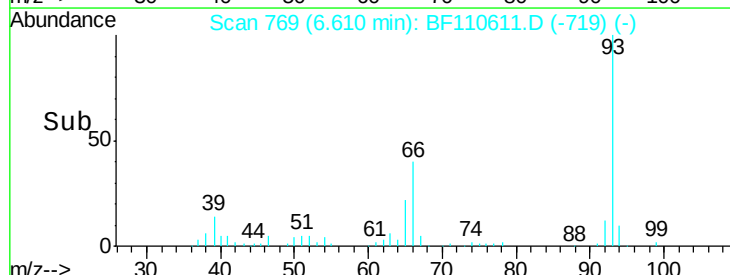
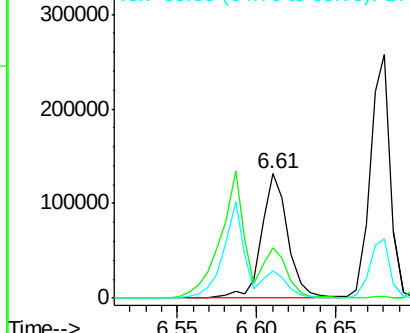
Lab File: BF110611.D

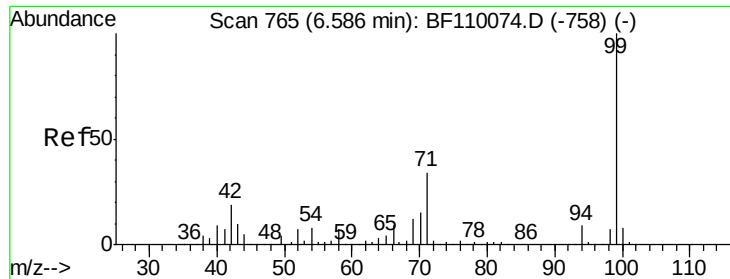
Acq: 9 Nov 2018 4:05

Tgt Ion:	93	Resp:	152596
Ion	Ratio	Lower	Upper
93	100		
66	40.5	67.4	101.0#
65	21.8	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: 97.32 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110611.D

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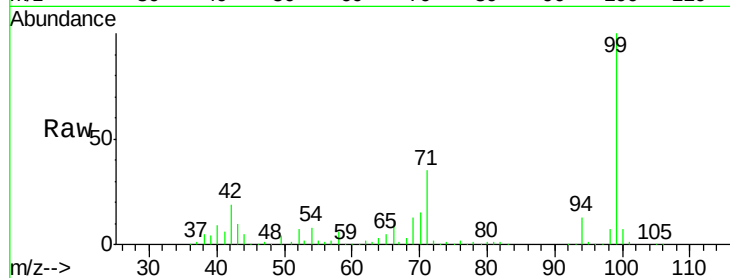
Tot Ion: 99 Resp: 574938

Ion Ratio Lower Upper

99 100

42 19.3 15.8 23.6

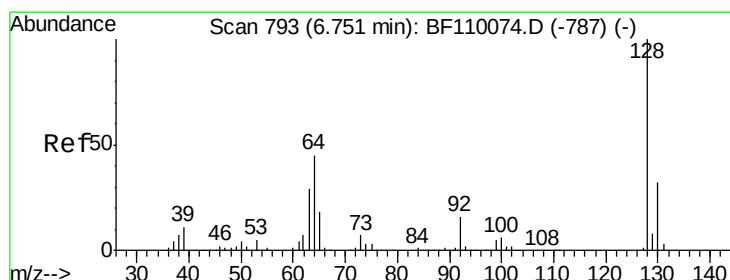
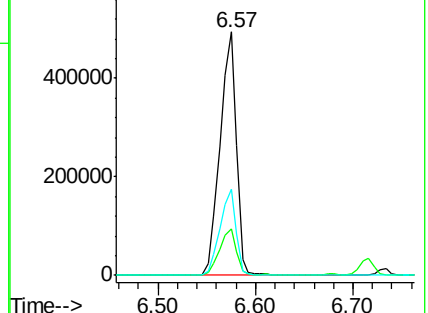
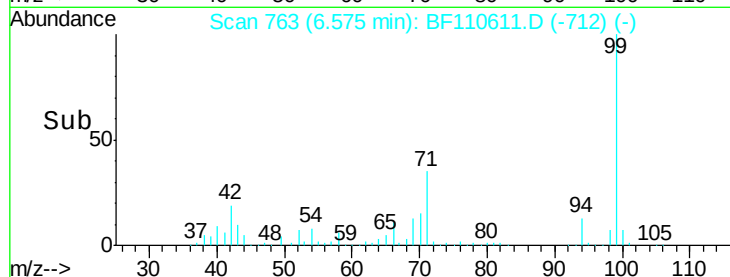
71 35.2 28.0 42.0



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: 45.76 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

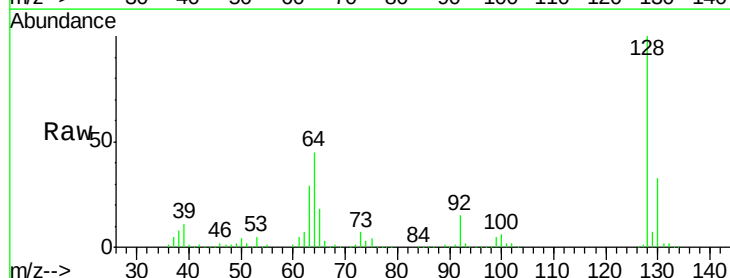
Tgt Ion: 128 Resp: 247852

Ion Ratio Lower Upper

128 100

130 33.5 13.1 53.1

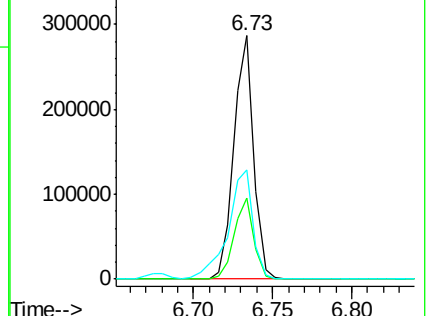
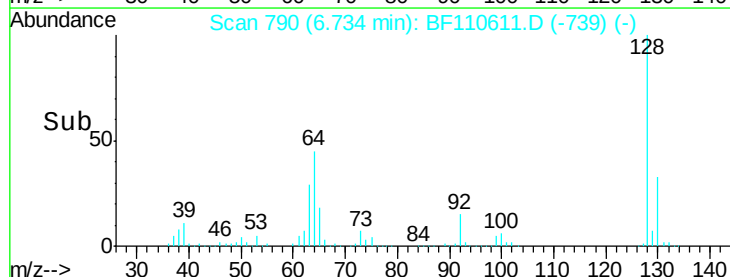
64 45.1 26.0 66.0

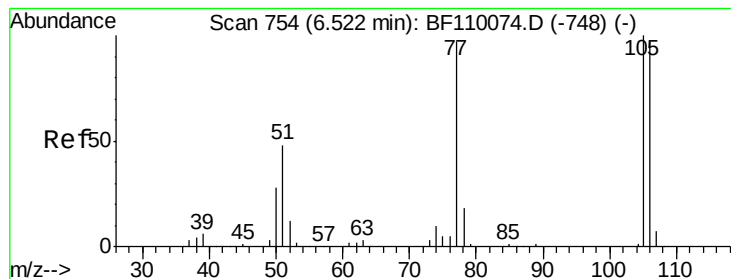


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 44.34 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

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ClientSampleId :

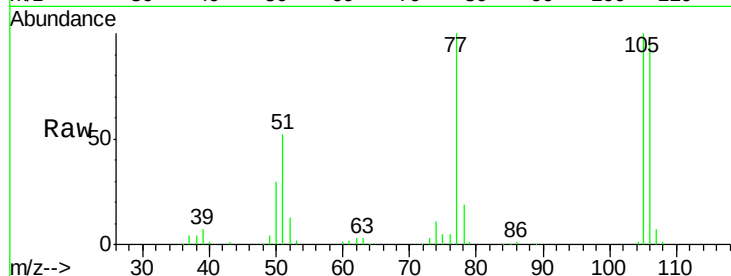
Tot Ion: 77 Resp: 136773

Ion Ratio Lower Upper

77 100

105 100.1 78.6 118.6

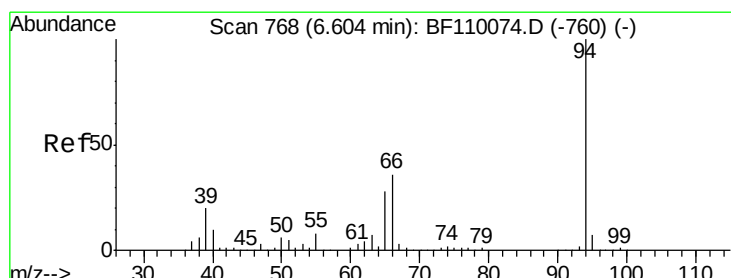
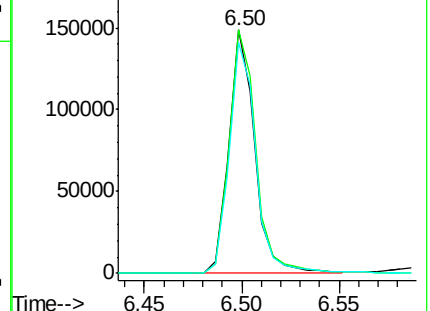
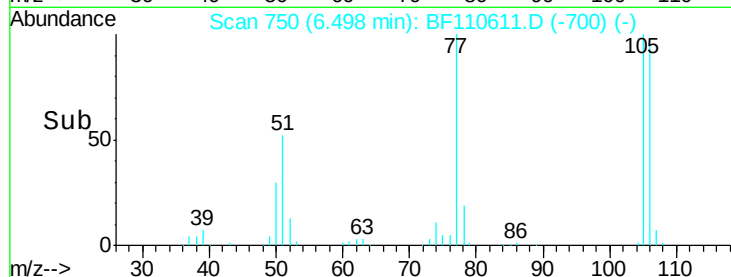
106 95.0 74.8 114.8



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: 43.58 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

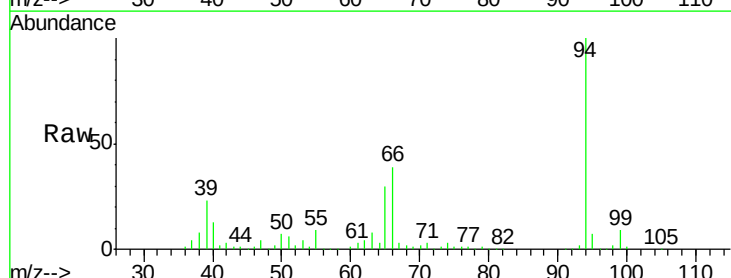
Tgt Ion: 94 Resp: 298536

Ion Ratio Lower Upper

94 100

65 29.8 25.3 65.3

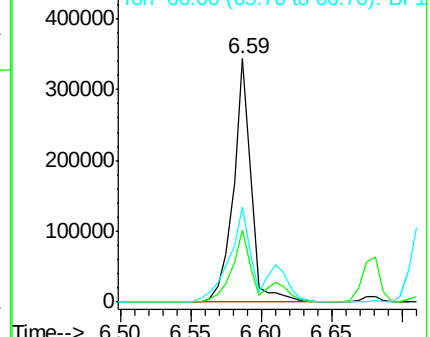
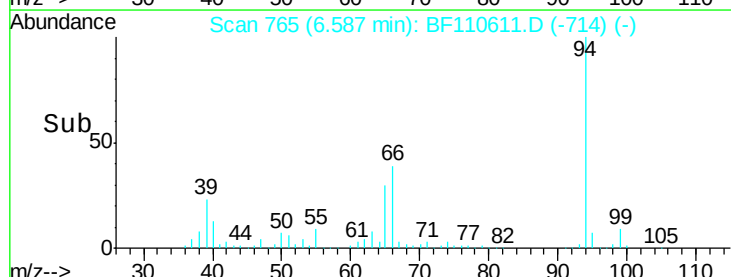
66 39.0 54.5 94.5#

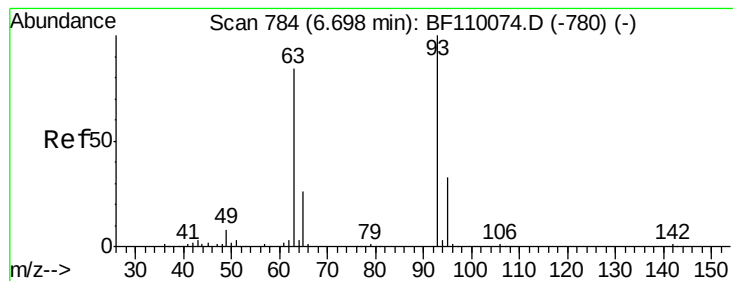


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

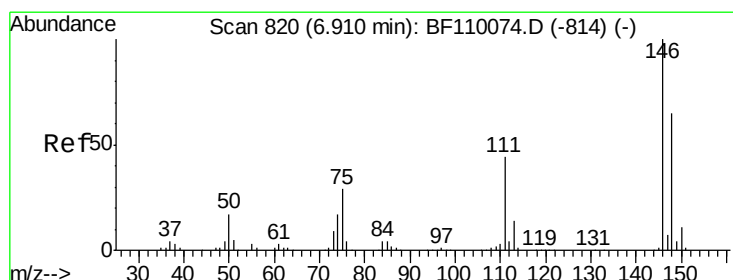
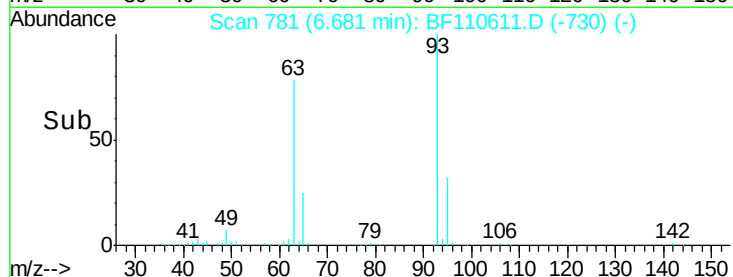
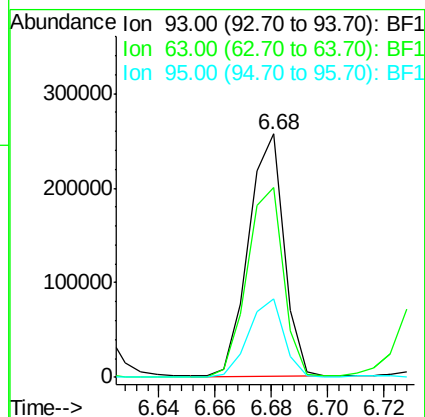
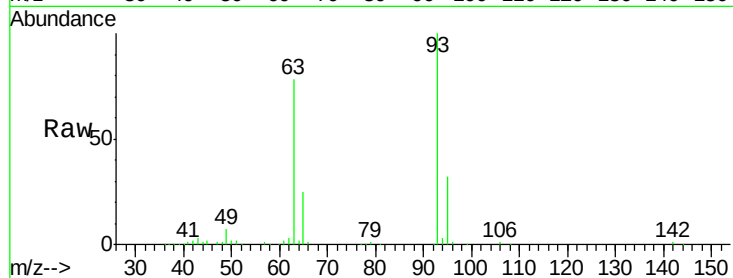




#11
bis(2-Chloroethyl)ether
Concen: 43.71 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

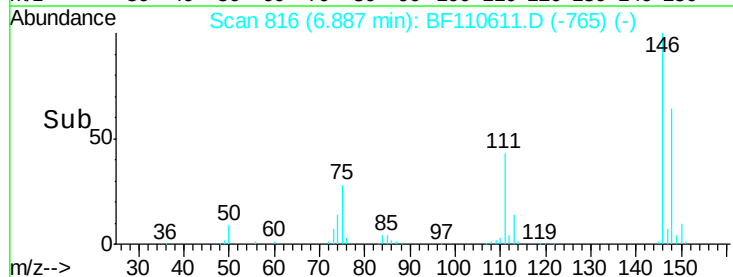
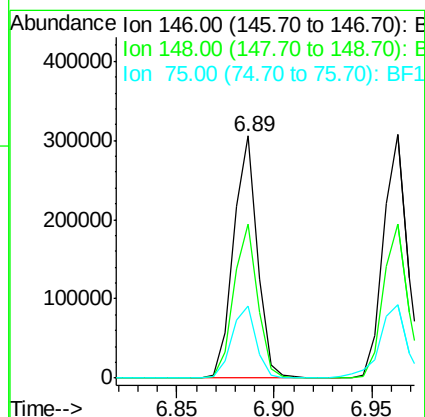
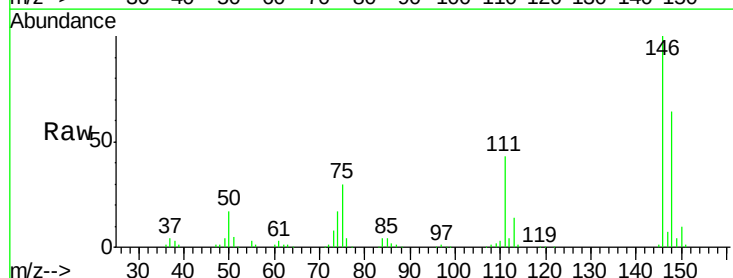
Instrument :
BNA_F
ClientSampleId :

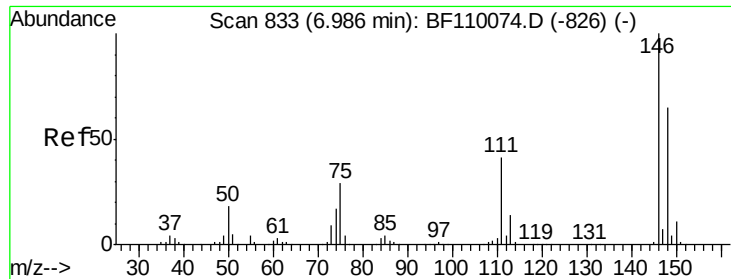
Tot Ion	93	Resp	224389
Ion	Ratio	Lower	Upper
93	100		
63	77.7	53.4	93.4
95	32.5	12.1	52.1



#12
1,3-Dichlorobenzene
Concen: 43.58 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	146	Resp	258258
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
75	29.7	25.8	38.6

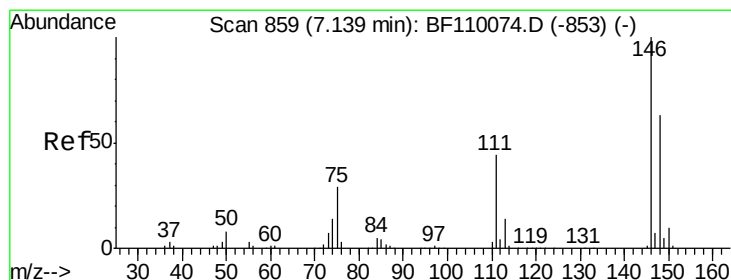
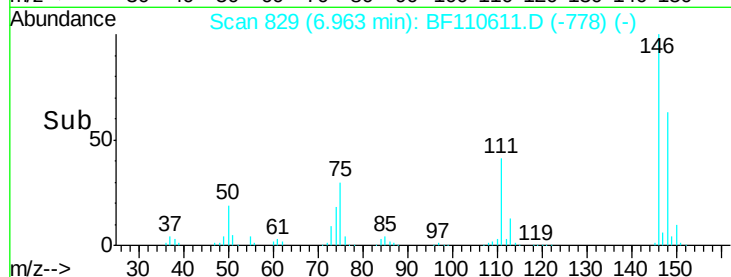
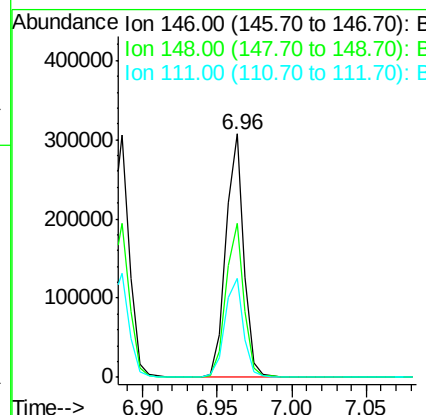
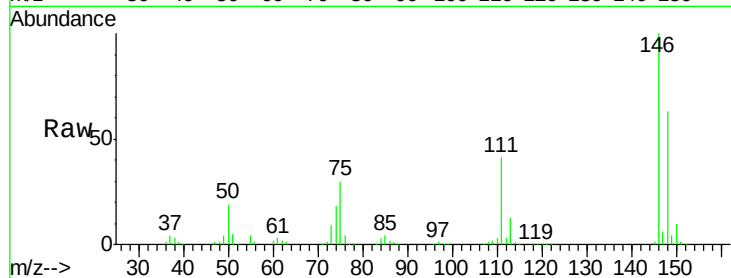




#13
 1,4-Dichlorobenzene
 Concen: 43.44 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

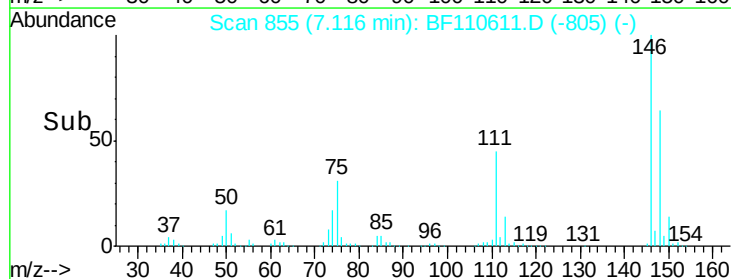
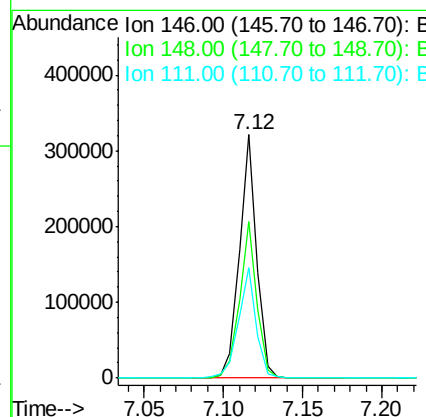
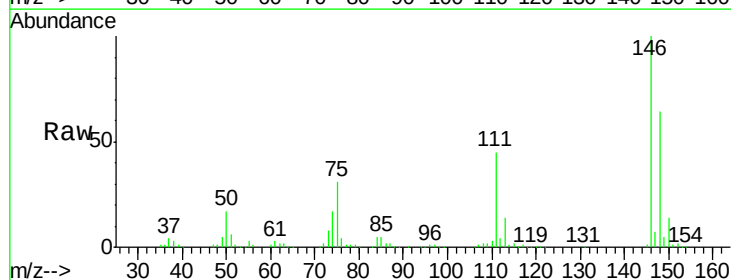
Instrument :
 BNA_F
 ClientSampleId :

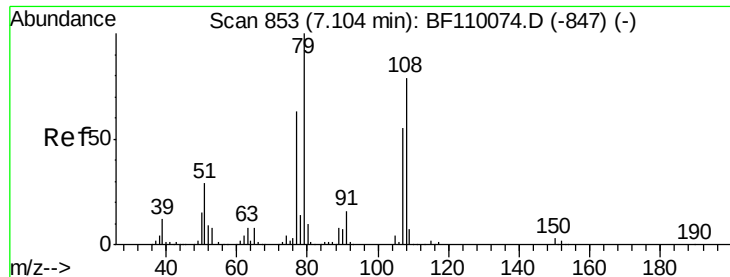
Tot Ion:146 Resp: 261405
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.3 75.5
 111 40.9 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 43.42 ng
 RT: 7.12 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Tgt Ion:146 Resp: 243072
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 45.3 35.8 53.6





#15

Benzyl Alcohol

Concen: 45.83 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

ClientSampleId :

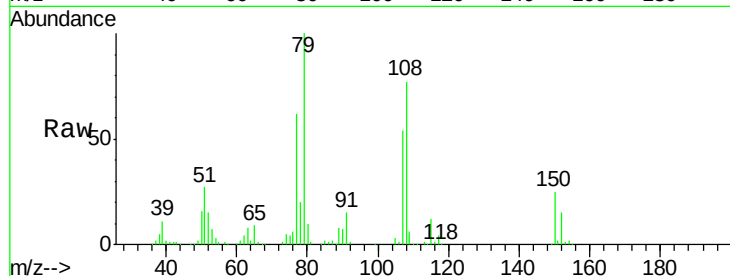
Tot Ion: 79 Resp: 211890

Ion Ratio Lower Upper

79 100

108 77.1 56.3 84.5

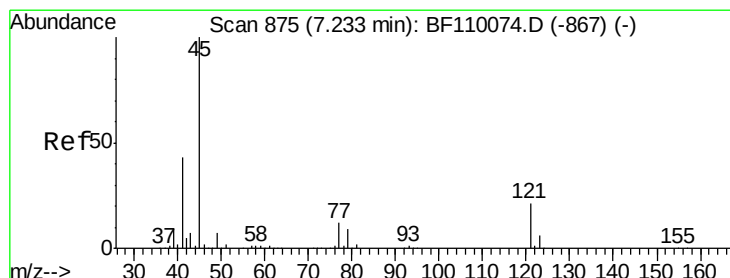
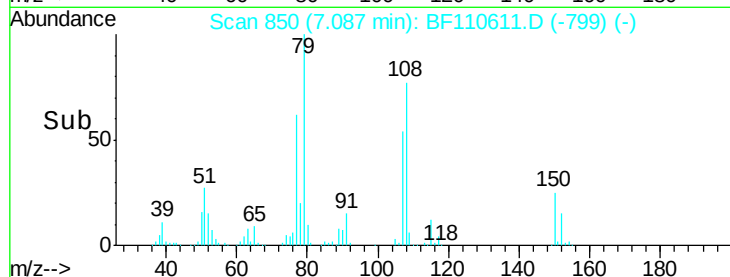
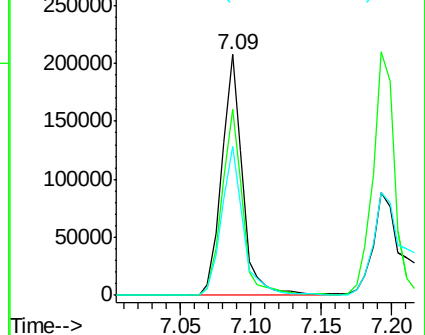
77 61.7 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.79 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

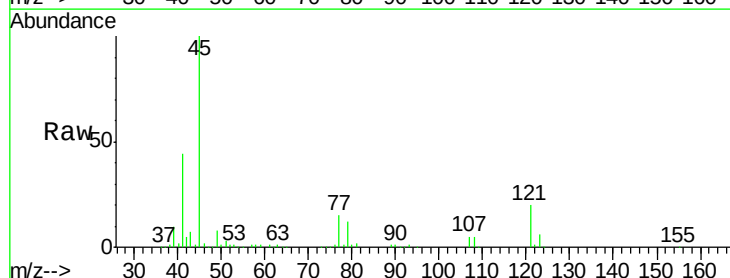
Tgt Ion: 45 Resp: 361108

Ion Ratio Lower Upper

45 100

77 14.7 10.0 50.0

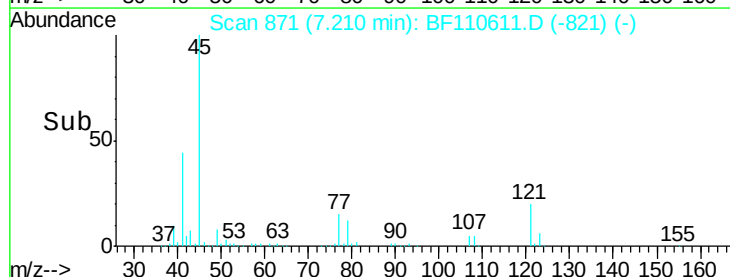
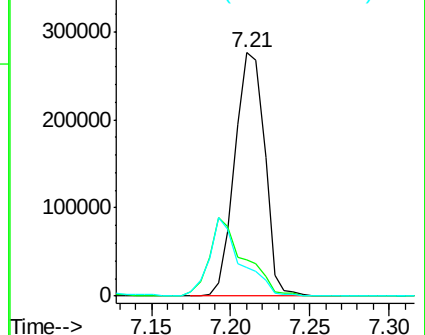
79 11.7 6.1 46.1

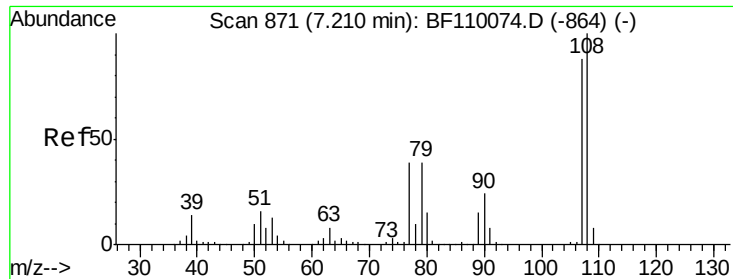


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

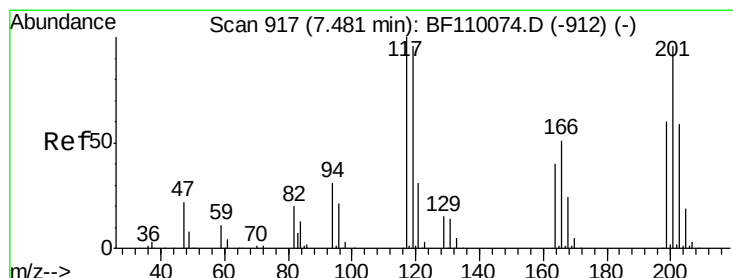
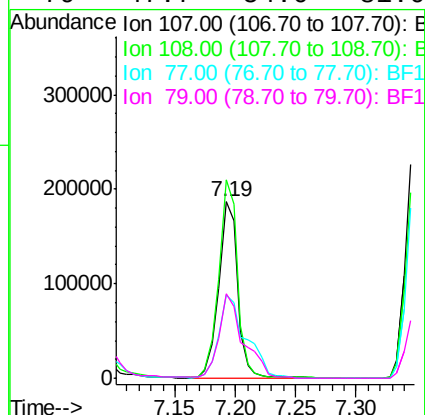
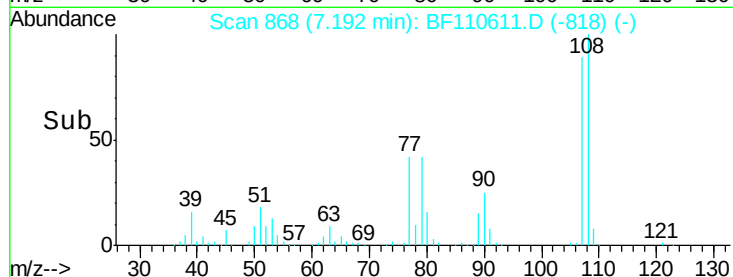
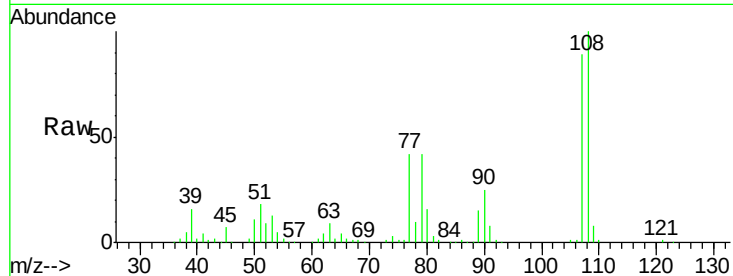




#17
2-Methylphenol
Concen: 47.09 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

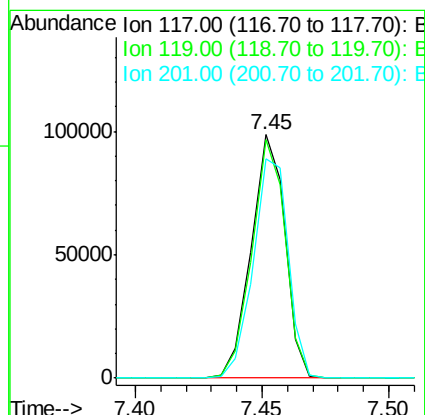
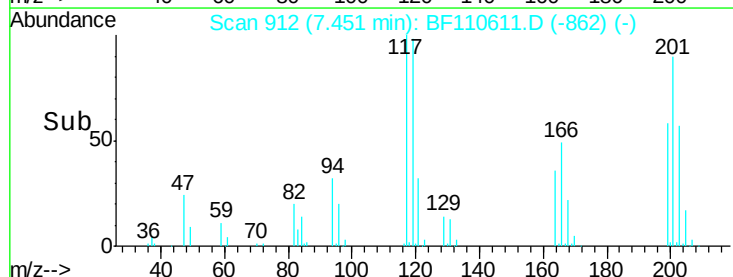
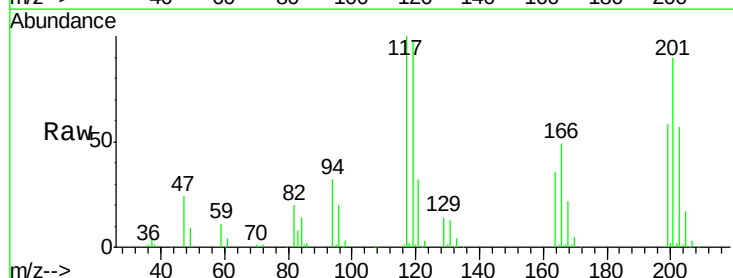
Instrument :
BNA_F
ClientSampleId :

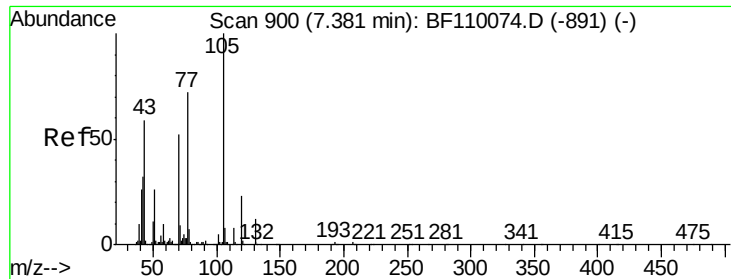
Tot Ion:107 Resp: 202970
Ion Ratio Lower Upper
107 100
108 112.3 92.6 138.8
77 47.4 59.4 89.2#
79 47.7 54.0 81.0#



#18
Hexachloroethane
Concen: 41.35 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion:117 Resp: 91862
Ion Ratio Lower Upper
117 100
119 98.1 75.0 112.6
201 89.9 79.2 118.8

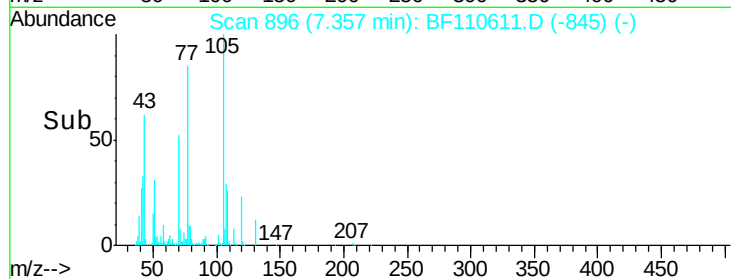
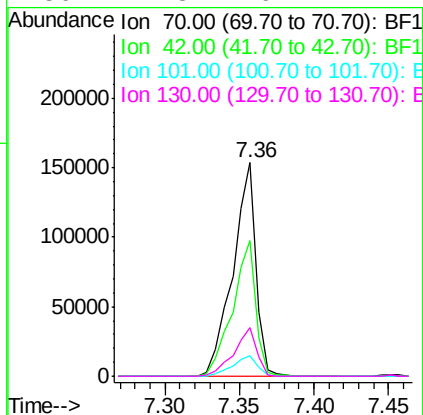
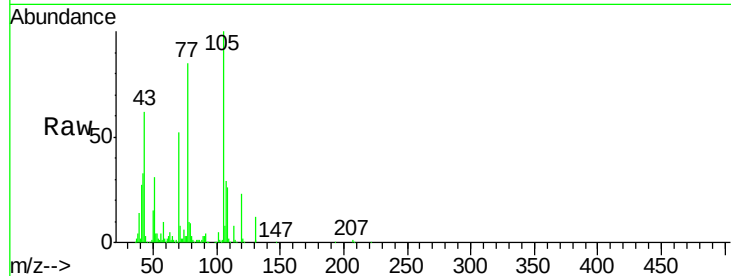




#19
n-Nitroso-di-n-propylamine
Concen: 44.19 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

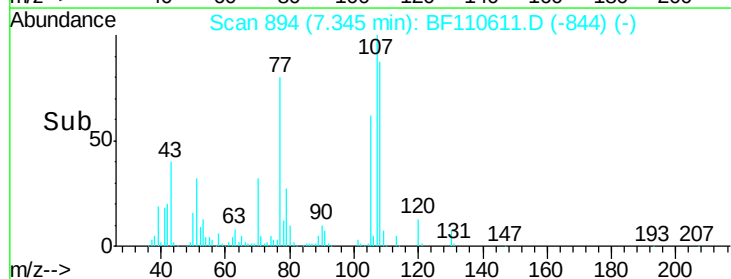
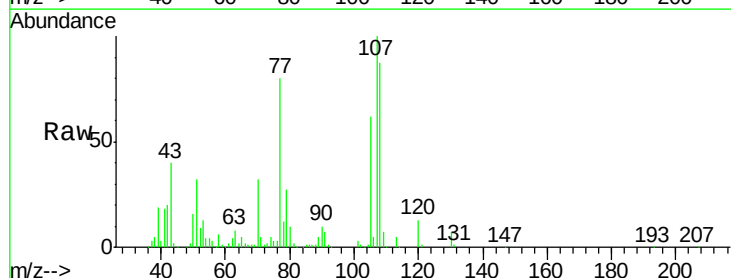
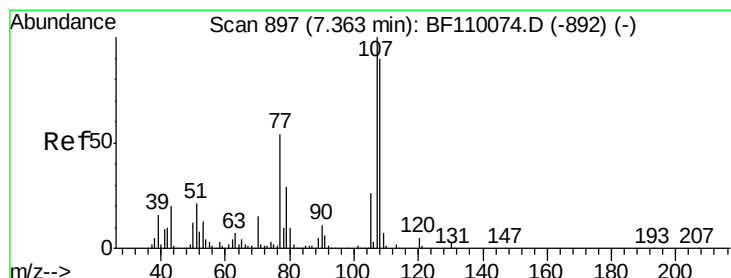
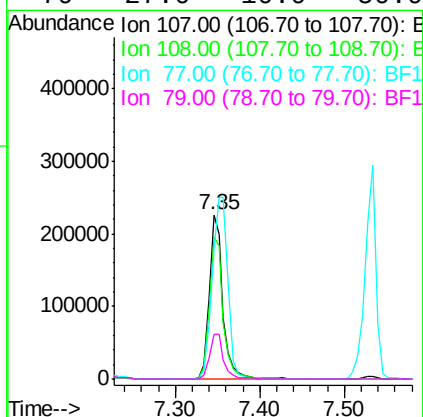
Instrument :
BNA_F
ClientSampleId :

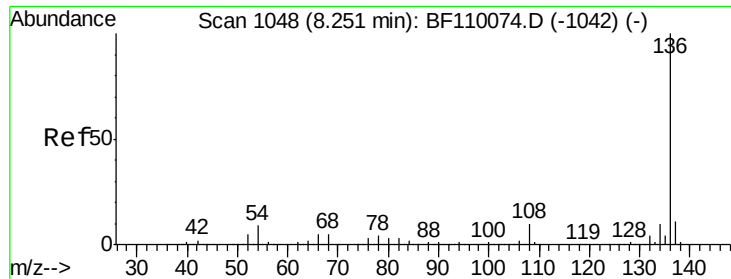
Tot Ion:	70	Resp:	166636
Ion	Ratio	Lower	Upper
70	100		
42	63.6	47.4	71.2
101	9.8	7.3	10.9
130	22.8	16.2	24.2



#20
3+4-Methylphenols
Concen: 46.08 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion:	107	Resp:	254957
Ion	Ratio	Lower	Upper
107	100		
108	86.7	71.4	111.4
77	79.6	47.3	87.3
79	27.0	10.9	50.9

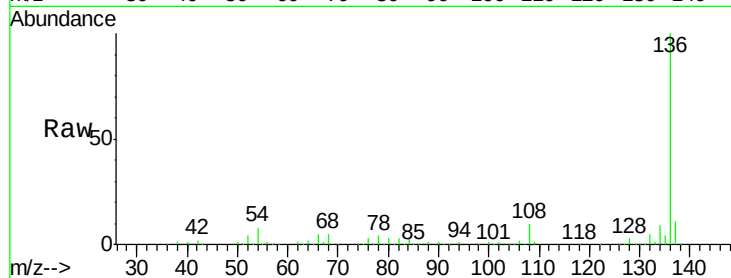




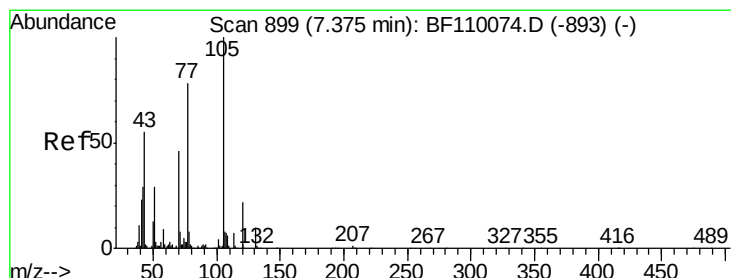
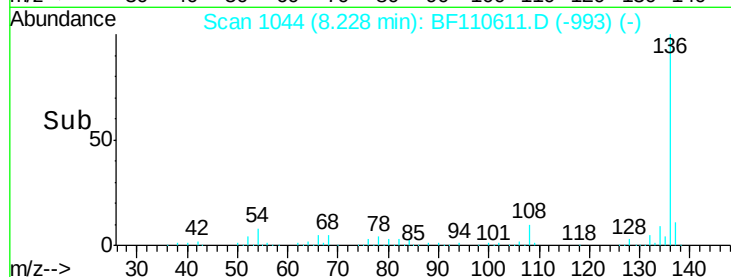
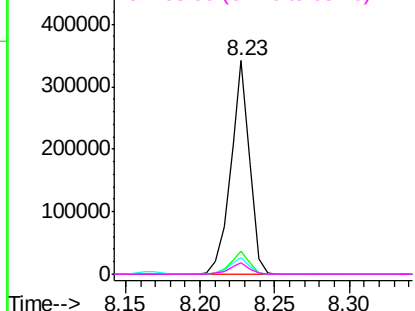
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	303342
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	7.9	5.4 8.2
68	5.2	4.2 6.2

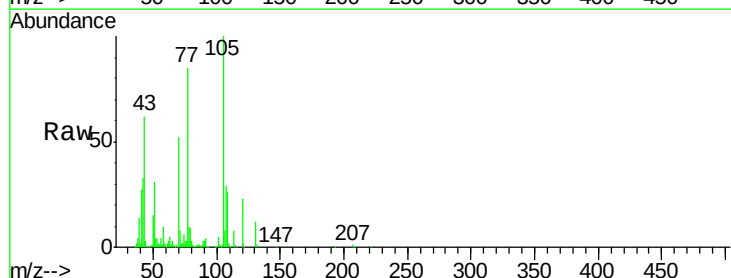


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

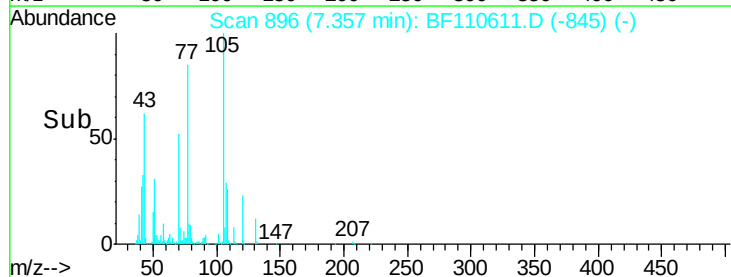
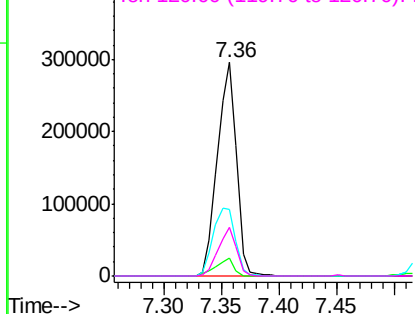


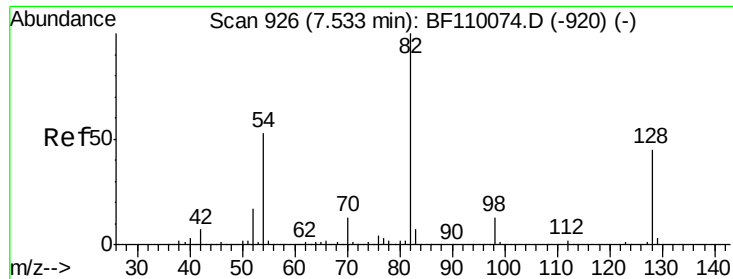
#22
Acetophenone
Concen: 47.89 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion:105	Resp:	338535
Ion Ratio	Lower	Upper
105	100	
71	8.5	5.2 7.8#
51	31.2	21.8 32.8
120	22.7	17.0 25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

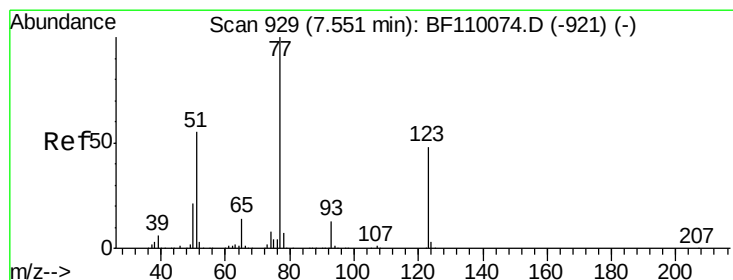
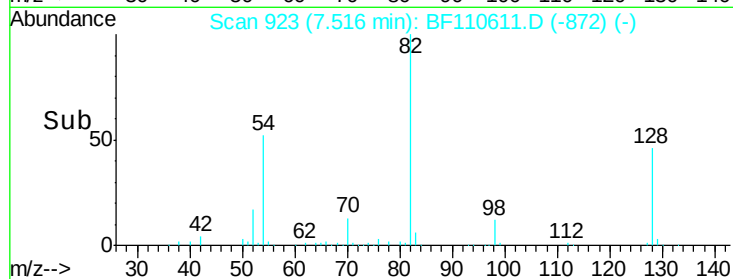
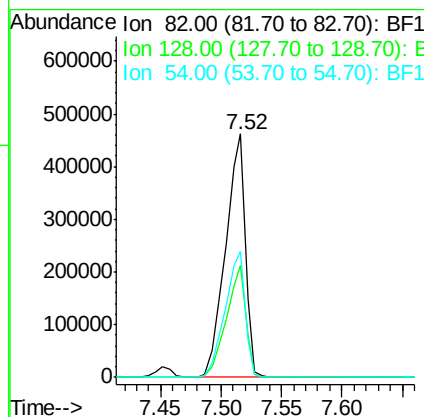
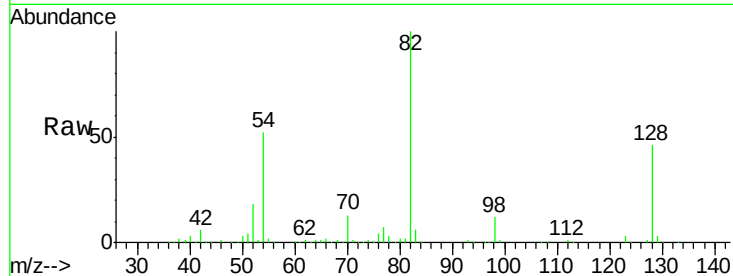




#23
 Nitrobenzene-d5
 Concen: 99.25 ng
 RT: 7.52 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

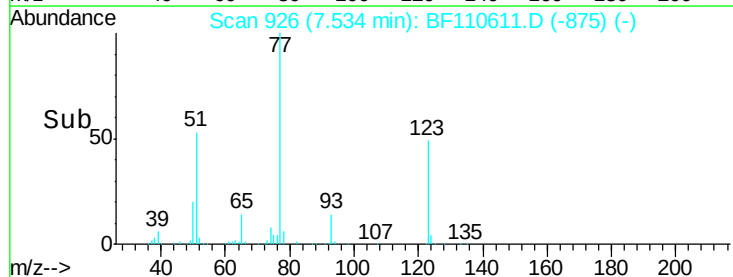
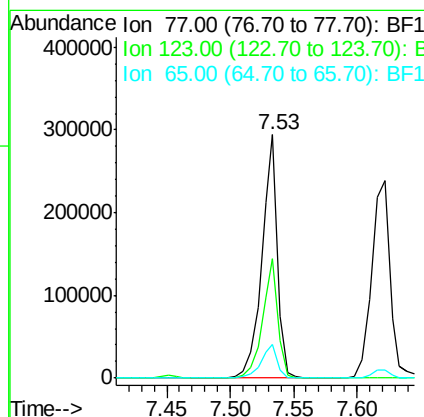
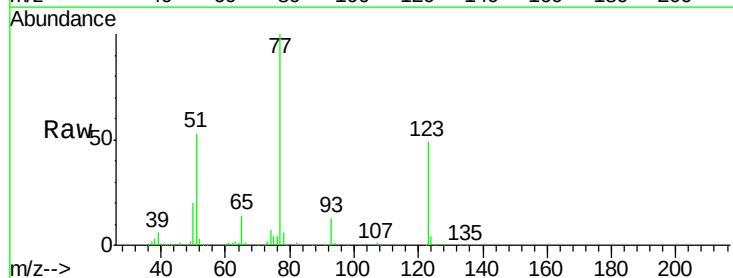
Instrument :
 BNA_F
 ClientSampleId :

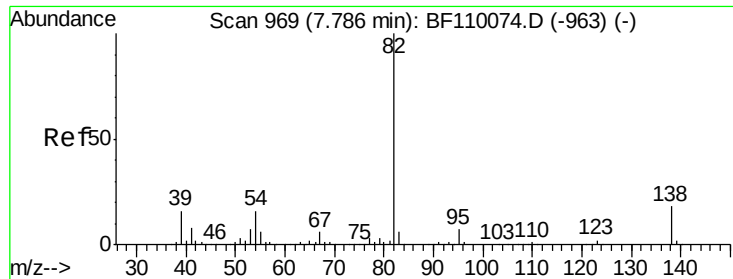
Tot Ion	82	Resp	522788
Ion Ratio	Lower	Upper	
82	100		
128	45.8	34.2	51.2
54	51.7	38.6	58.0



#24
 Nitrobenzene
 Concen: 47.31 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Tgt Ion	77	Resp	255330
Ion Ratio	Lower	Upper	
77	100		
123	49.1	35.7	53.5
65	13.8	10.7	16.1





#25

Isophorone

Concen: 53.03 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

ClientSampleId :

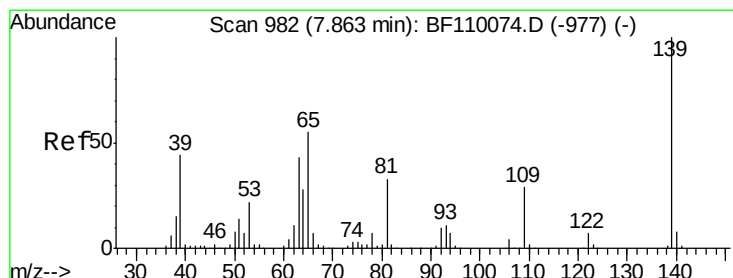
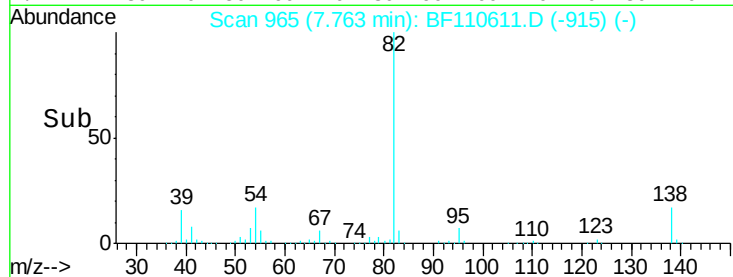
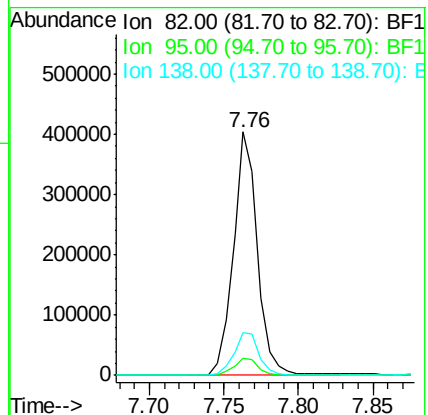
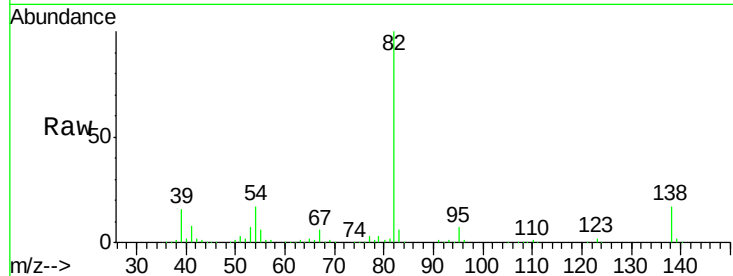
Tot Ion: 82 Resp: 457828

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

138 17.4 13.2 19.8



#26

2-Nitrophenol

Concen: 45.54 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

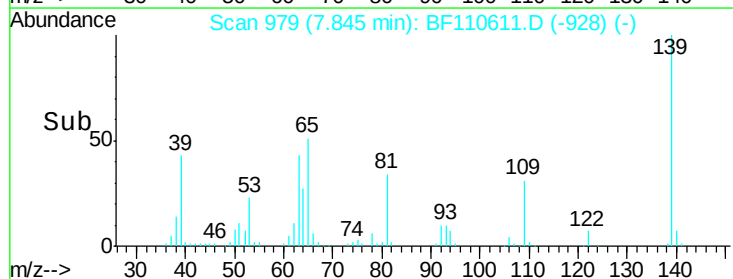
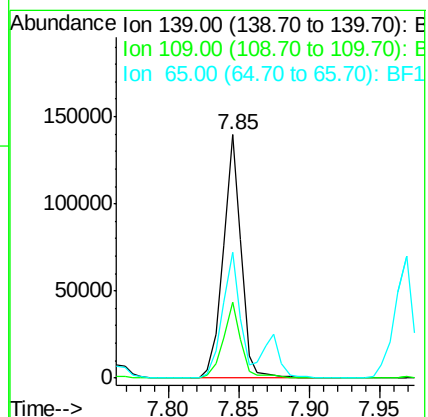
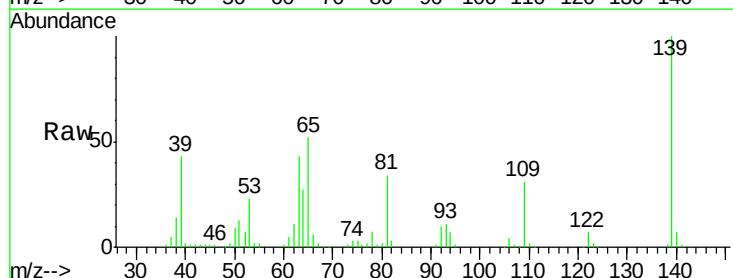
Tgt Ion: 139 Resp: 122601

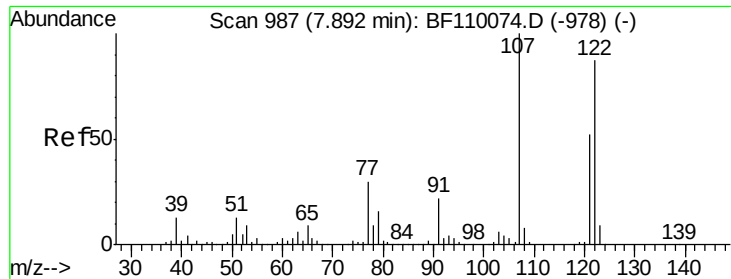
Ion Ratio Lower Upper

139 100

109 31.4 25.0 37.6

65 51.5 44.0 66.0

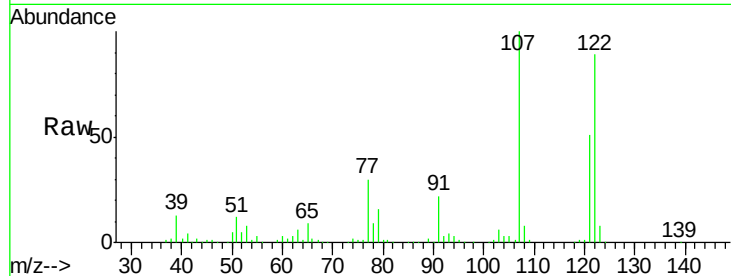




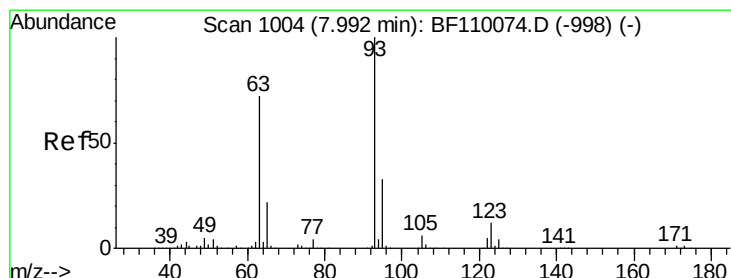
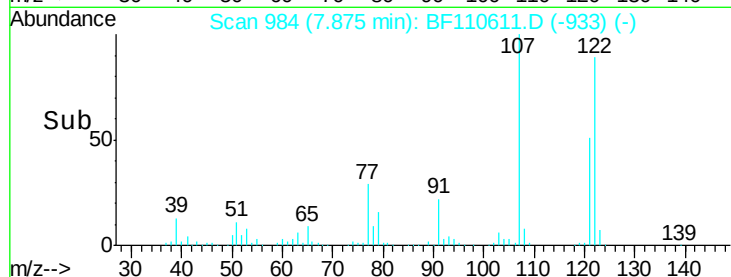
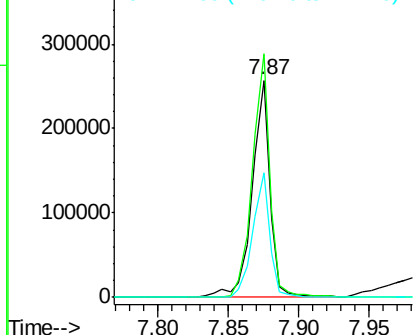
#27
2,4-Dimethylphenol
Concen: 55.87 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.3	92.5	138.7
121	57.6	45.8	68.8

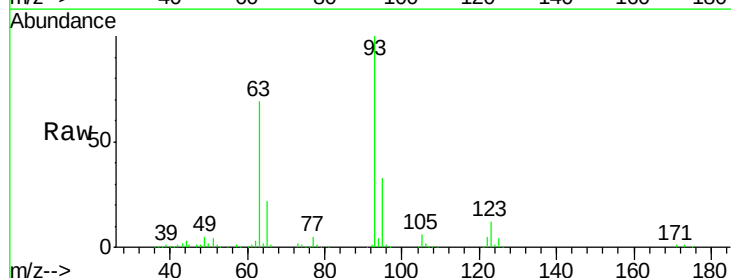


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

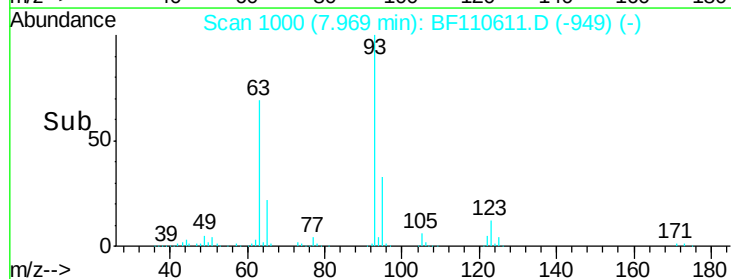
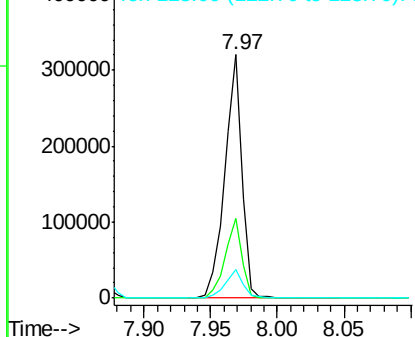


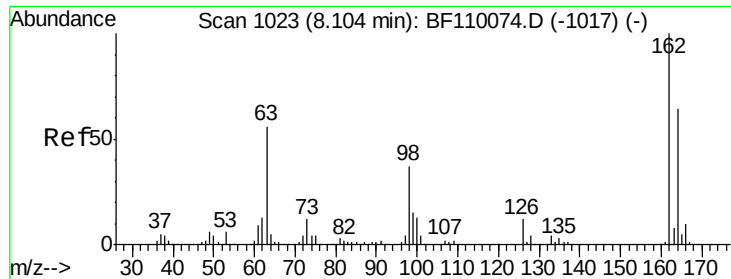
#28
bis(2-Chloroethoxy)methane
Concen: 49.72 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.4	39.6
123	11.8	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

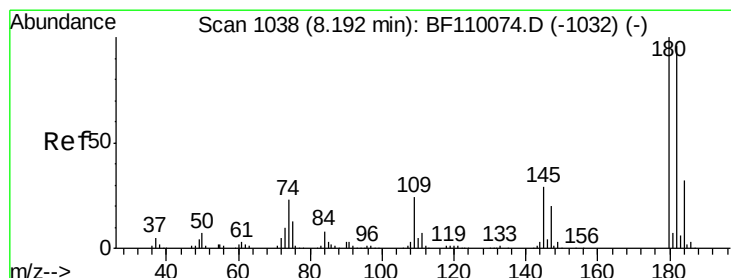
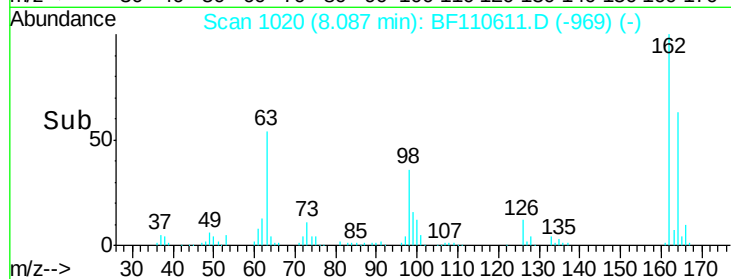
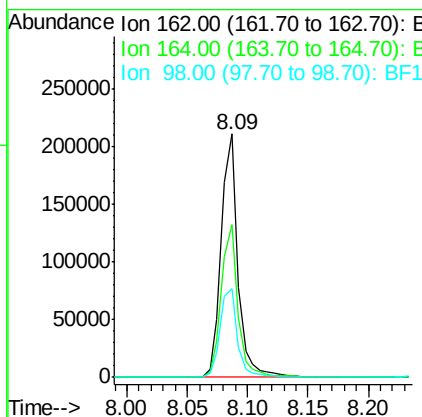
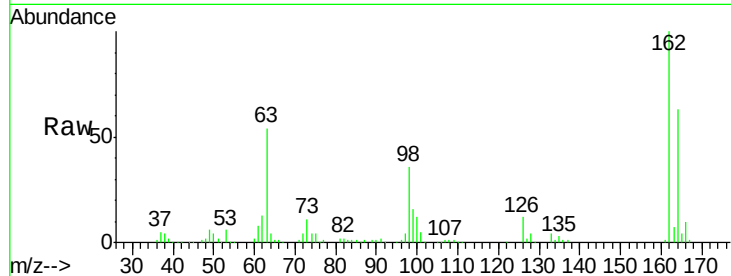




#29
 2,4-Dichlorophenol
 Concen: 47.81 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

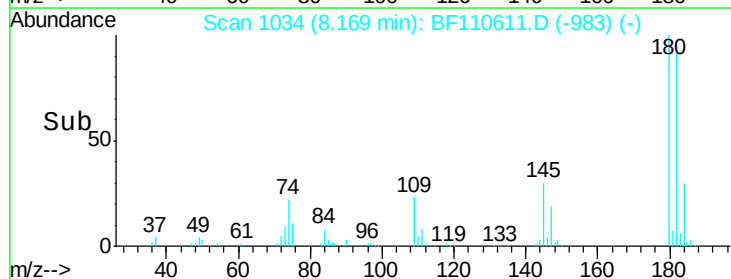
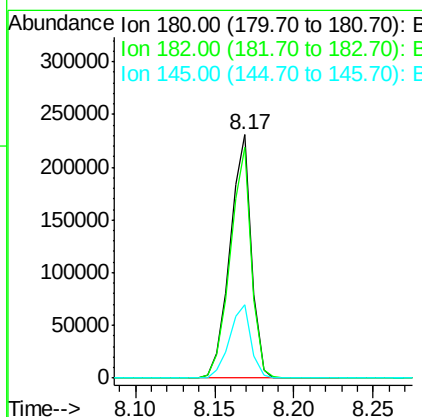
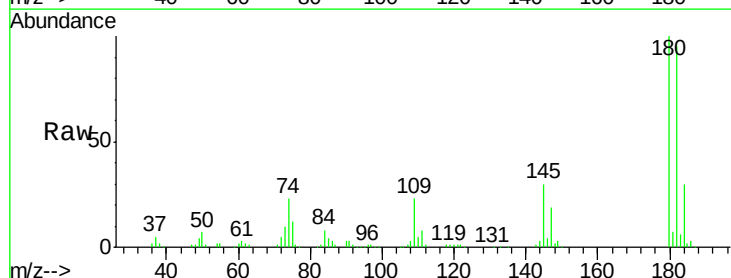
Instrument :
 BNA_F
 ClientSampleId :

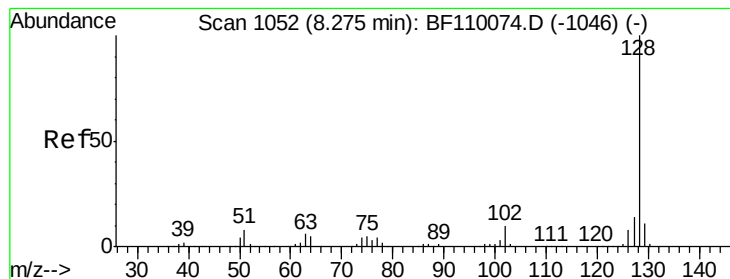
Tot Ion:162 Resp: 201716
 Ion Ratio Lower Upper
 162 100
 164 63.0 44.6 84.6
 98 36.3 17.4 57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 45.39 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Tgt Ion:180 Resp: 215900
 Ion Ratio Lower Upper
 180 100
 182 94.8 80.3 120.5
 145 30.2 25.4 38.0





#31

Naphthalene

Concen: 49.09 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

ClientSampleId :

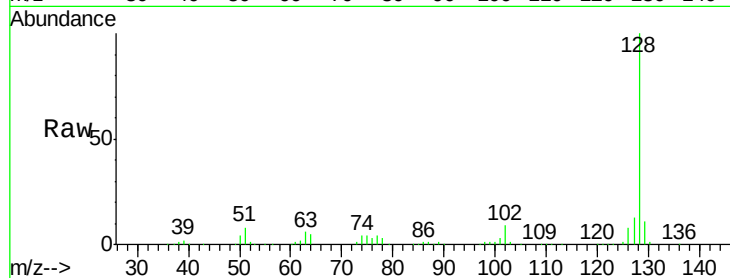
Tot Ion:128 Resp: 699036

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

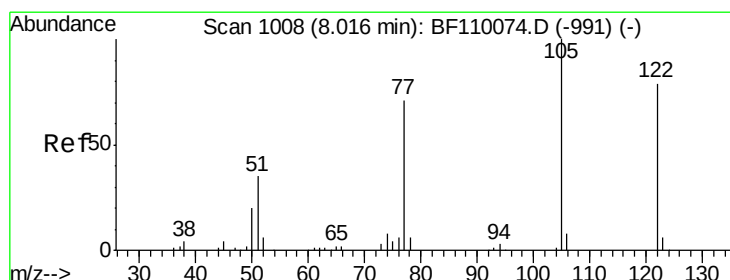
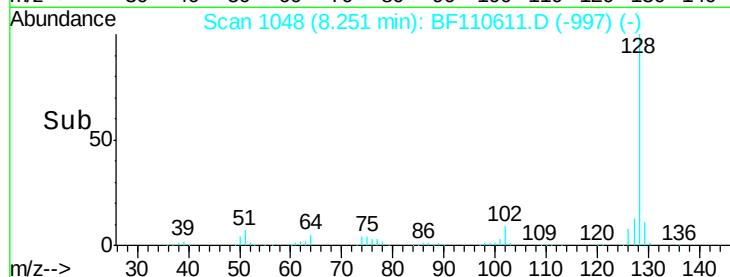
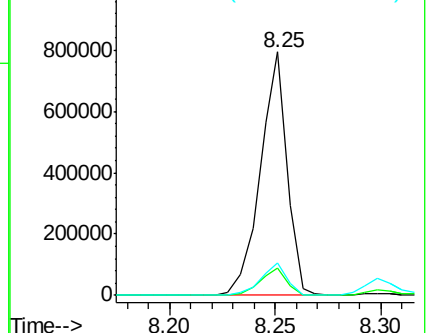
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.66 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

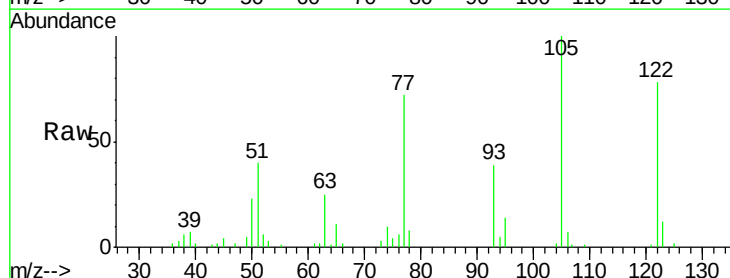
Tgt Ion:122 Resp: 51242

Ion Ratio Lower Upper

122 100

105 128.2 109.0 149.0

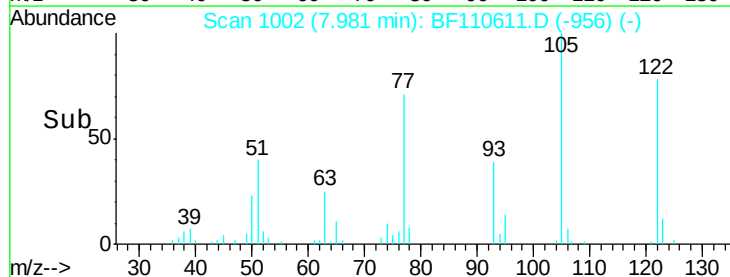
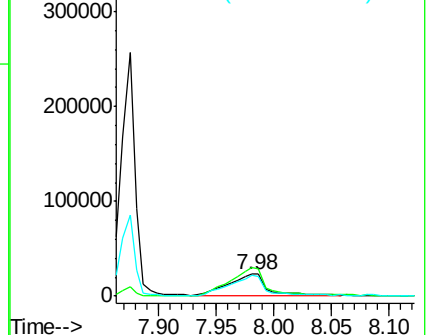
77 92.3 79.0 119.0

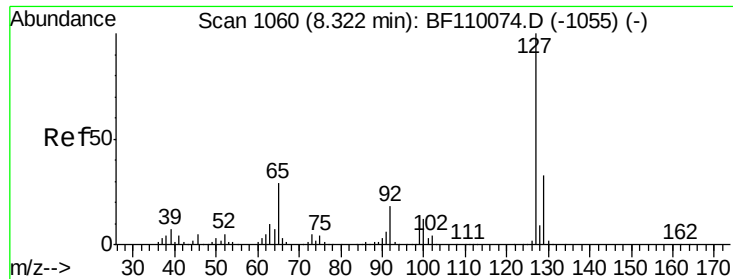


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

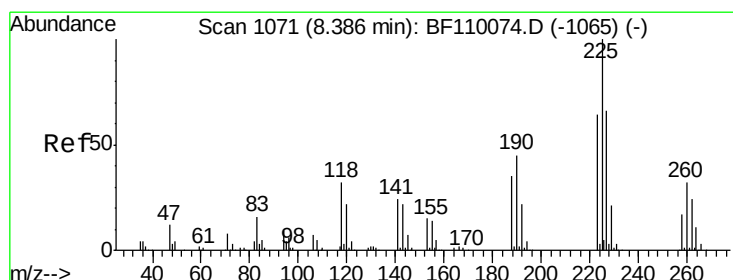
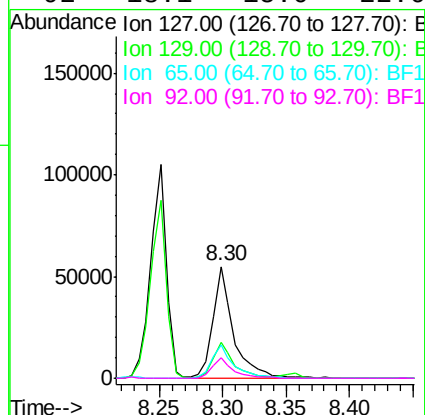
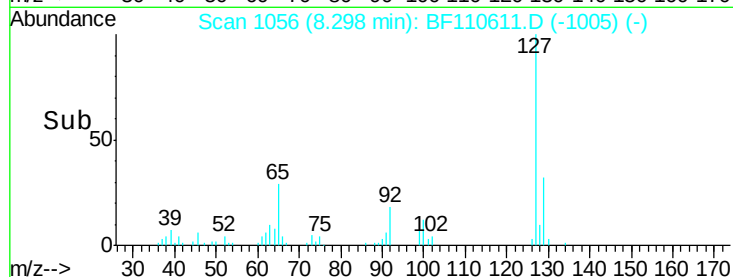
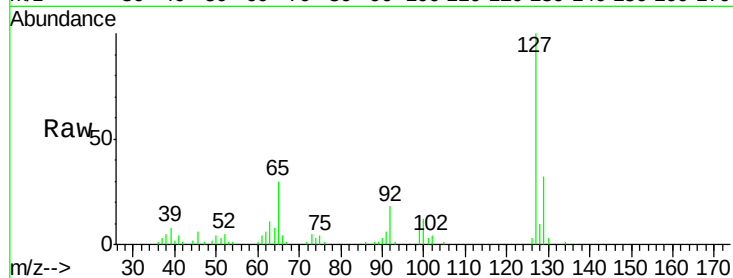




#33
4-Chloroaniline
Concen: 9.84 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

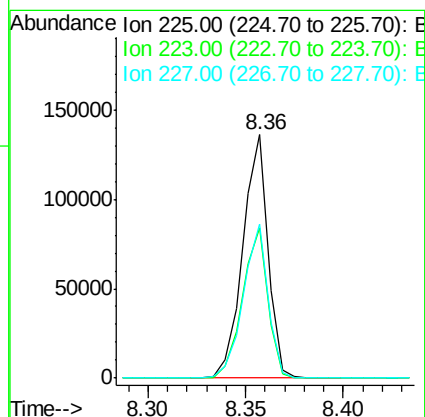
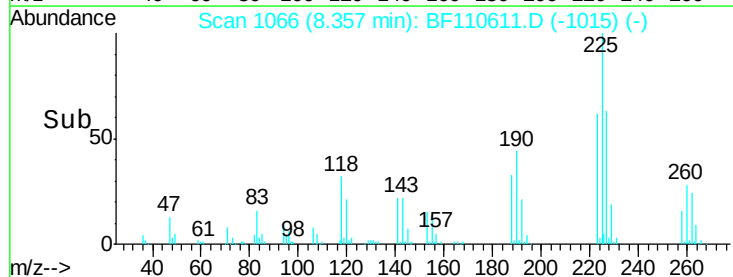
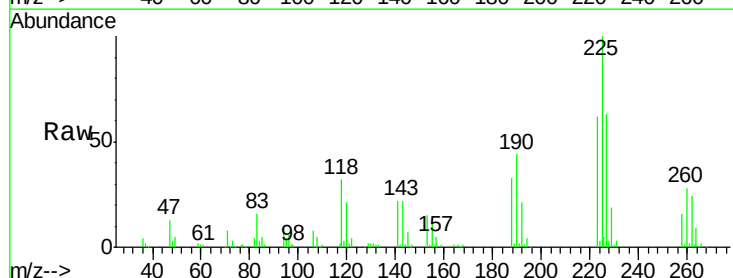
Instrument :
BNA_F
ClientSampled :

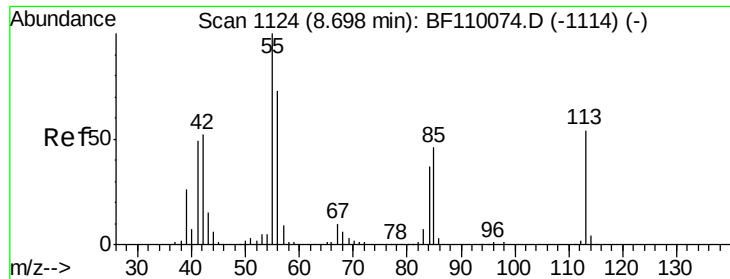
Tot Ion:	127	Resp:	63488
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.0	39.0
65	29.6	25.1	37.7
92	18.1	15.0	22.6



#34
Hexachlorobutadiene
Concen: 44.80 ng
RT: 8.36 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion:	225	Resp:	121720
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.4	77.2
227	63.2	51.0	76.6

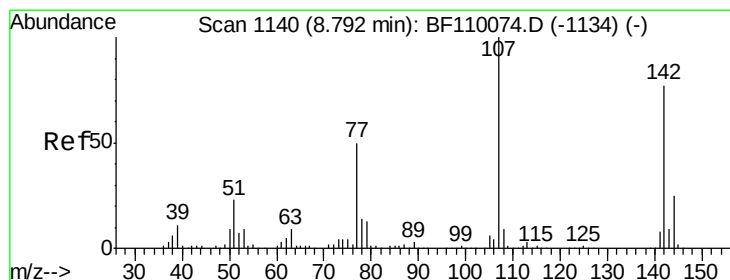
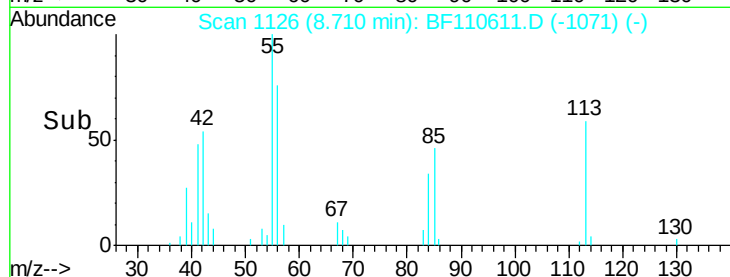
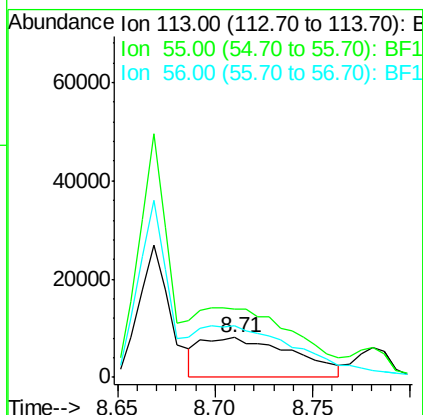
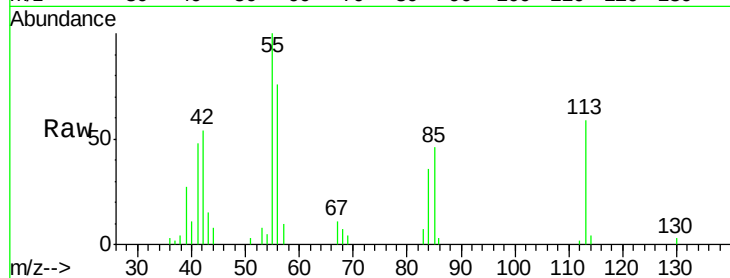




#35
Caprolactam
Concen: 18.88 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.02 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

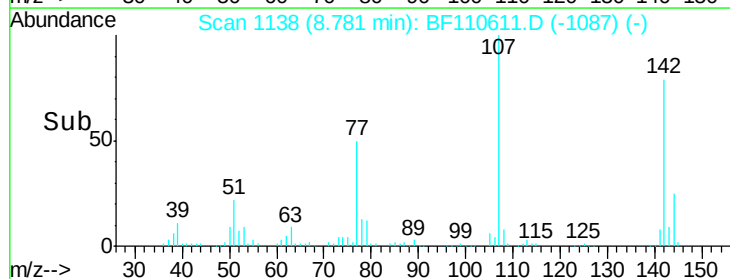
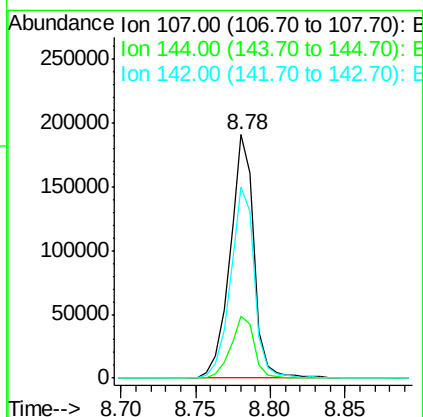
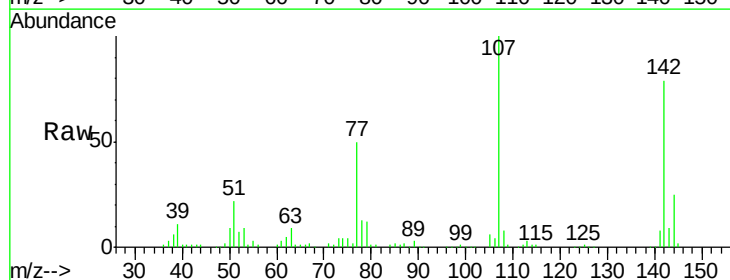
Instrument :
BNA_F
ClientSampleId :

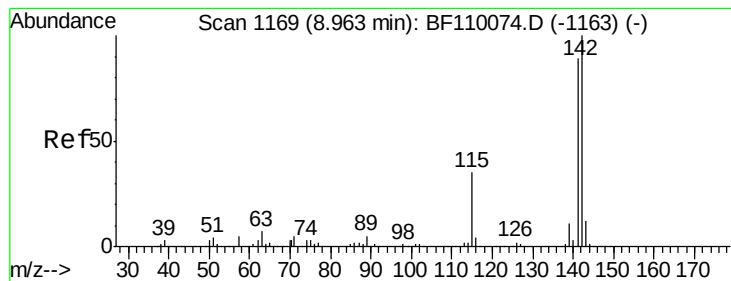
Tot Ion:113 Resp: 26615
Ion Ratio Lower Upper
113 100
55 170.8 142.8 182.8
56 130.6 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 47.08 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion:107 Resp: 214227
Ion Ratio Lower Upper
107 100
144 25.3 20.0 30.0
142 78.7 59.7 89.5





#37

2-Methylnaphthalene

Concen: 51.04 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

ClientSampleId :

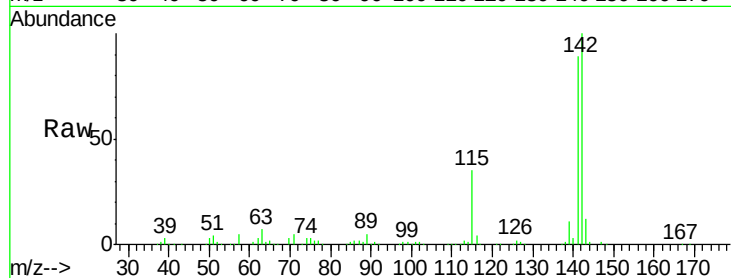
Tot Ion:142 Resp: 476509

Ion Ratio Lower Upper

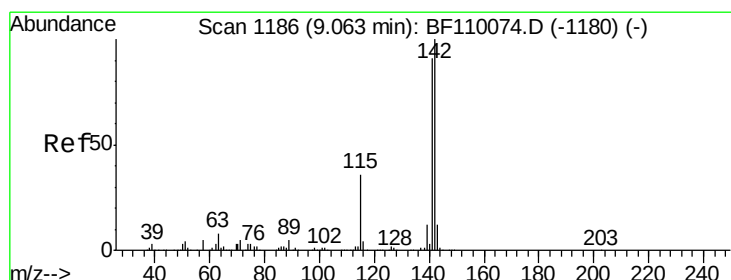
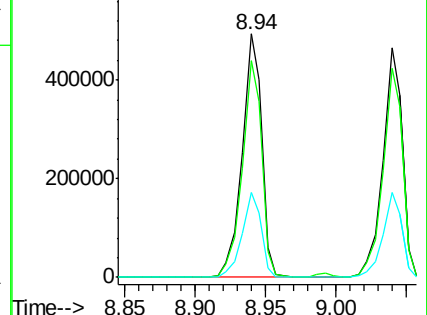
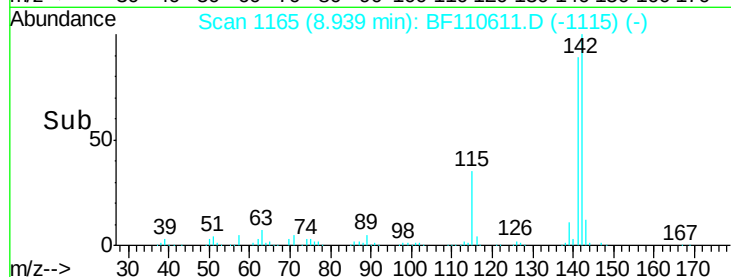
142 100

141 89.2 71.4 107.2

115 35.0 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 49.31 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

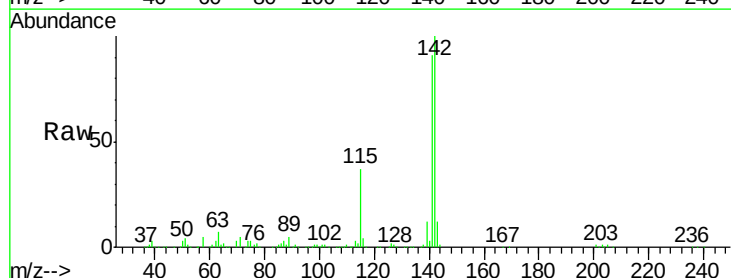
Tgt Ion:142 Resp: 442717

Ion Ratio Lower Upper

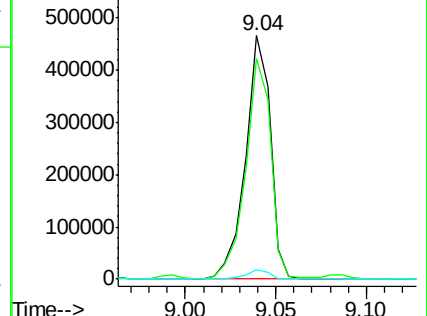
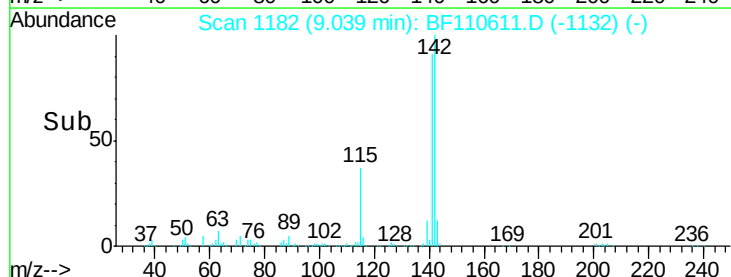
142 100

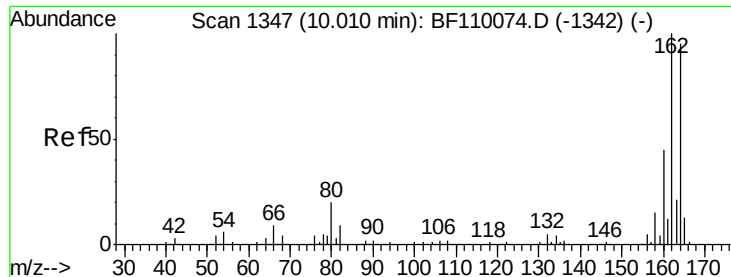
141 90.8 74.2 111.4

116 3.9 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

ClientSampleId :

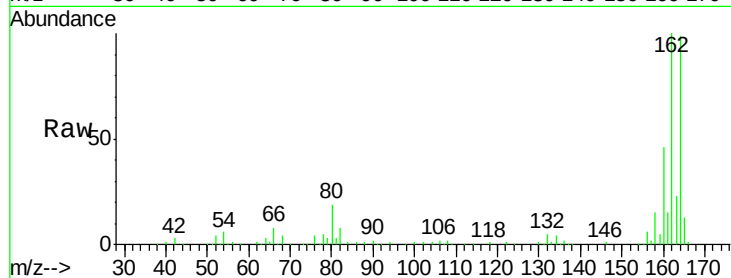
Tot Ion:164 Resp: 131650

Ion Ratio Lower Upper

164 100

162 100.7 83.0 124.6

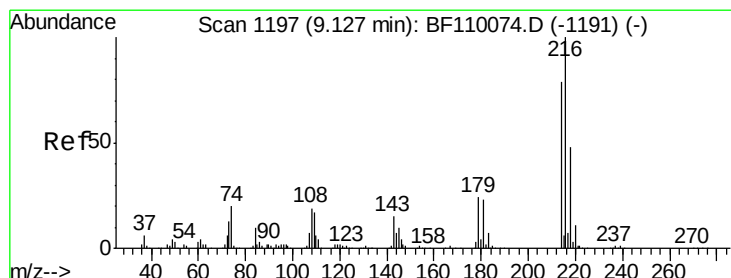
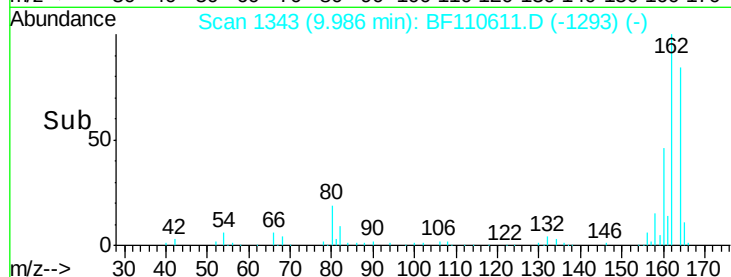
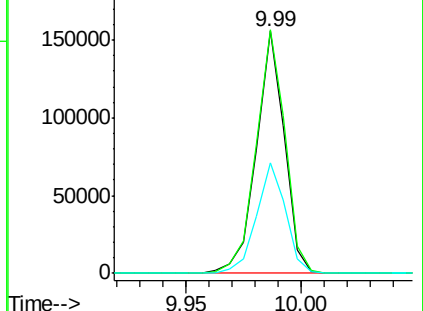
160 45.9 37.0 55.6



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: 48.26 ng

RT: 9.11 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Tgt Ion:216 Resp: 201126

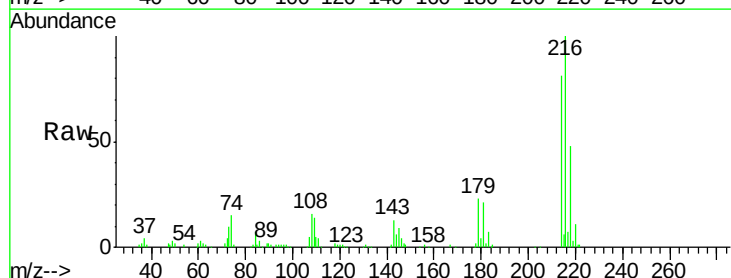
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.6

179 23.1 16.6 25.0

108 19.2 15.1 22.7

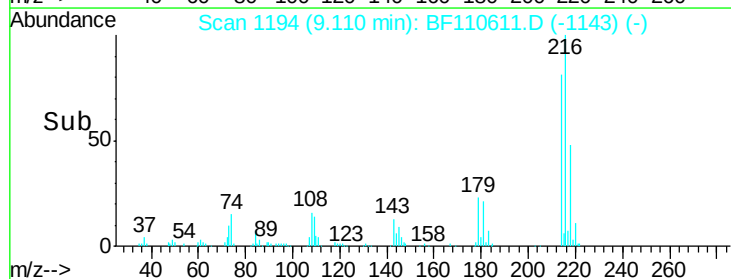
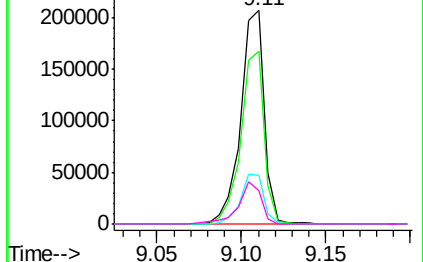


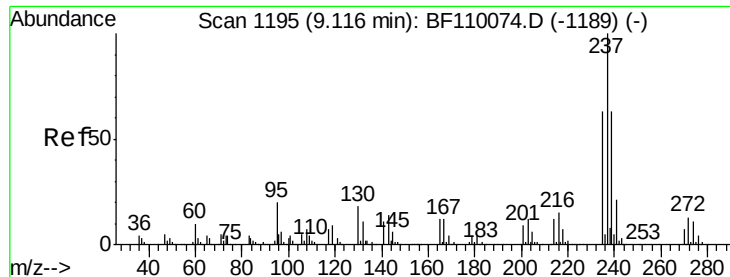
Abundance Ion 216.00 (215.70 to 216.70): E

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

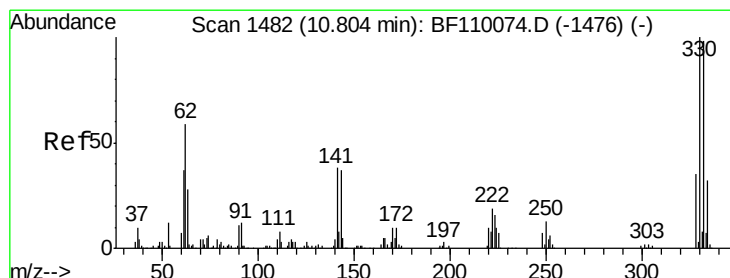
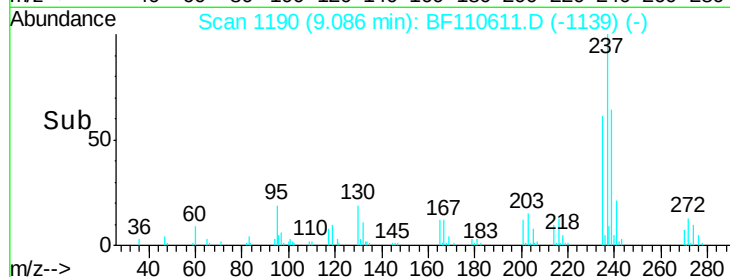
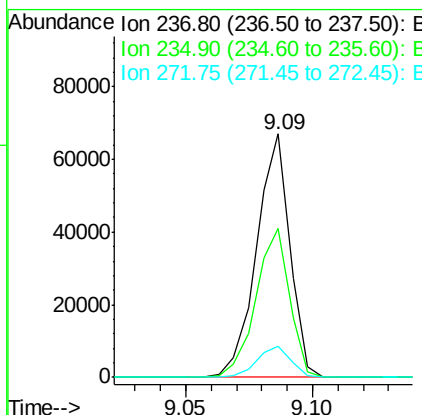
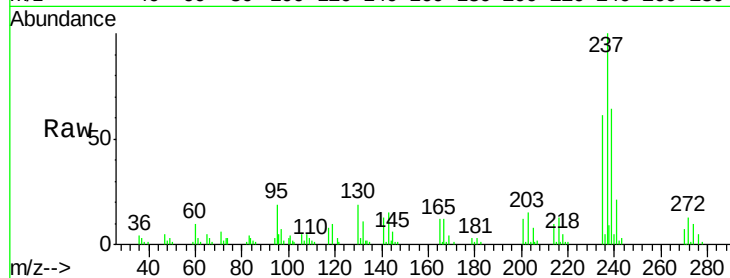




#41
Hexachlorocyclopentadiene
Concen: 41.74 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

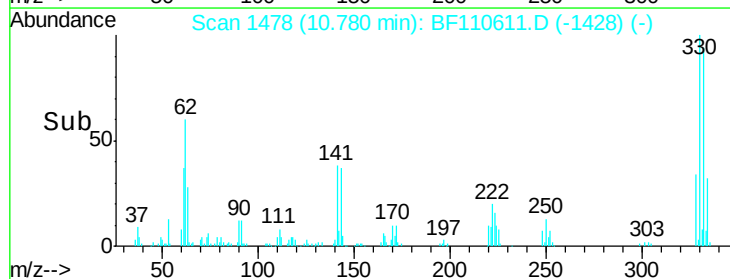
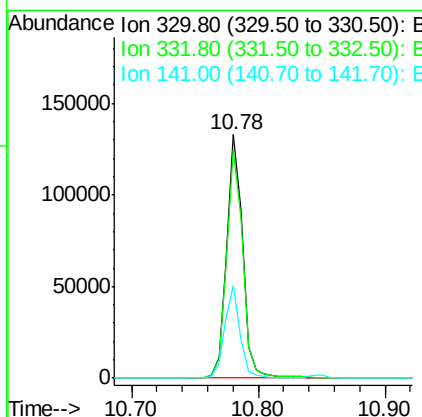
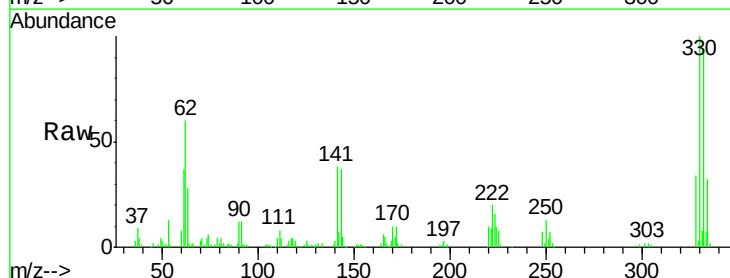
Instrument :
BNA_F
ClientSampled :

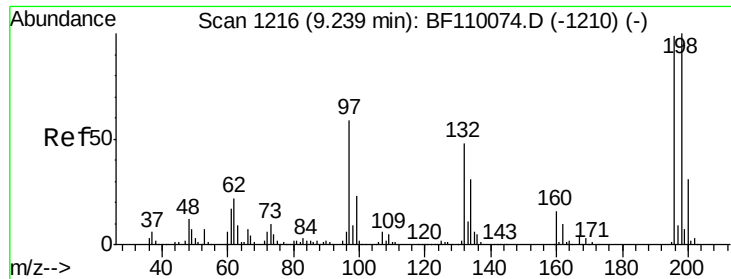
Tot Ion:237 Resp: 61261
Ion Ratio Lower Upper
237 100
235 61.3 43.1 83.1
272 13.0 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 87.51 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion:330 Resp: 116087
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 36.8 27.0 40.4

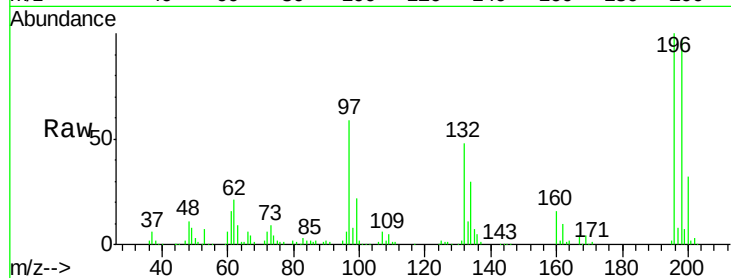




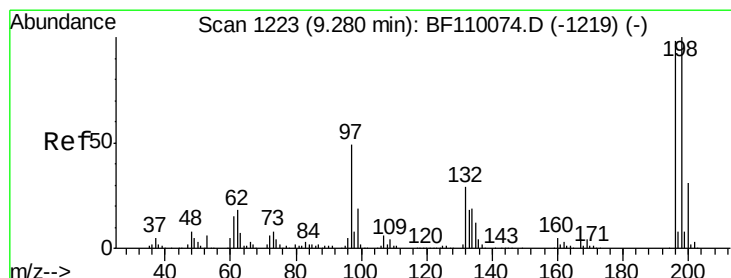
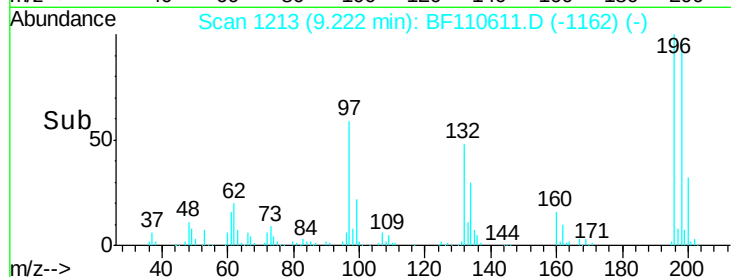
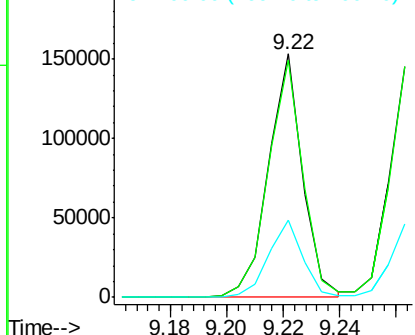
#43
 2,4,6-Trichlorophenol
 Concen: 48.88 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 128013
 Ion Ratio Lower Upper
 196 100
 198 97.3 76.2 114.4
 200 31.5 24.4 36.6

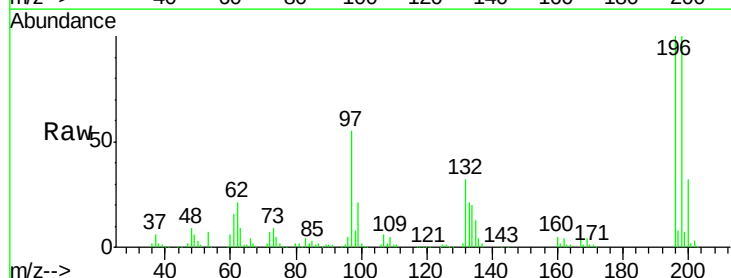


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

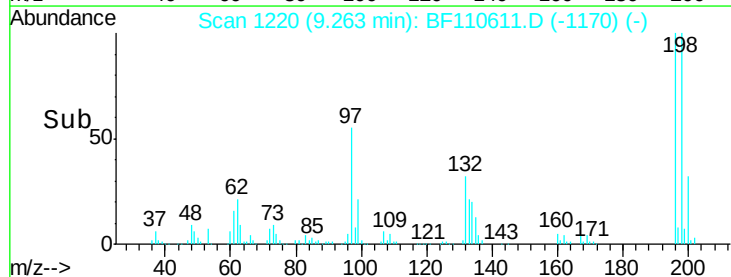
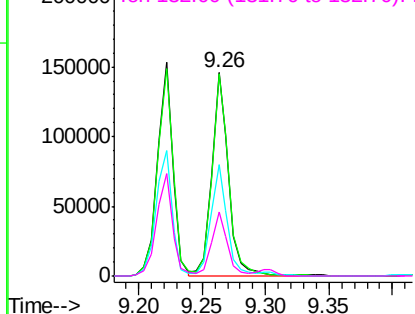


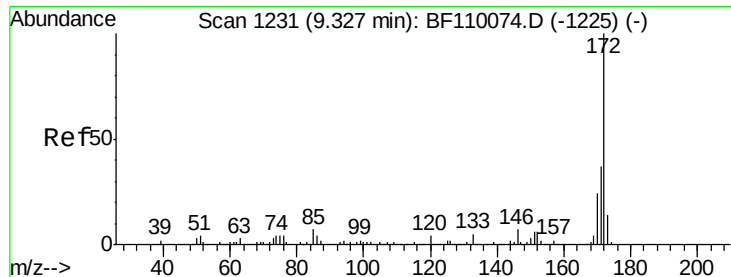
#44
 2,4,5-Trichlorophenol
 Concen: 48.53 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Tgt Ion:196 Resp: 135565
 Ion Ratio Lower Upper
 196 100
 198 99.8 75.8 113.6
 97 55.0 42.4 63.6
 132 31.7 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

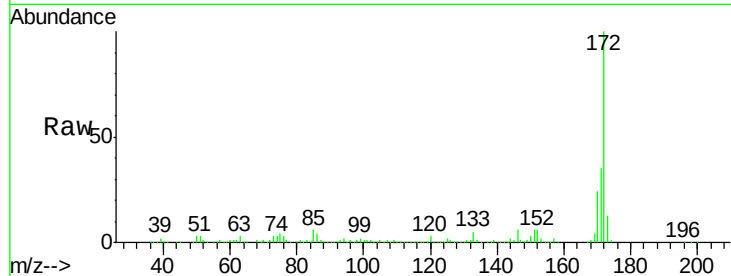




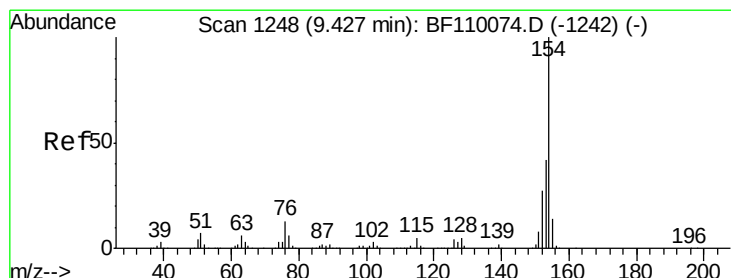
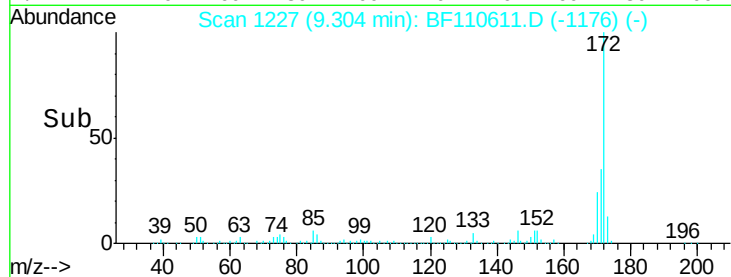
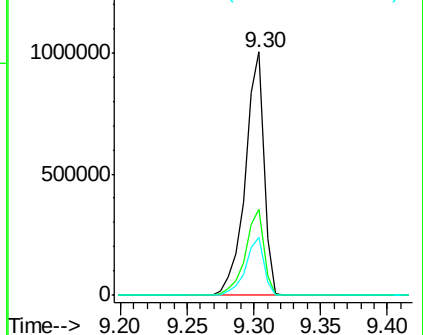
#45
2-Fluorobiphenyl
Concen: 104.62 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 964365
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.7 19.7 29.5

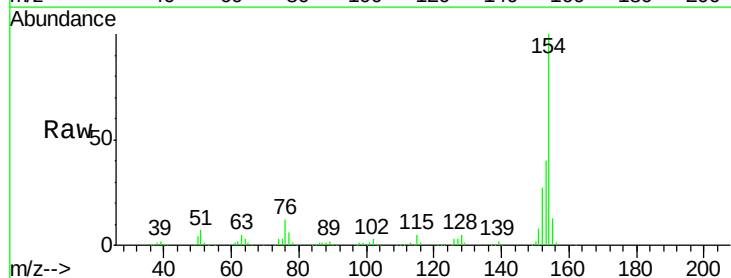


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

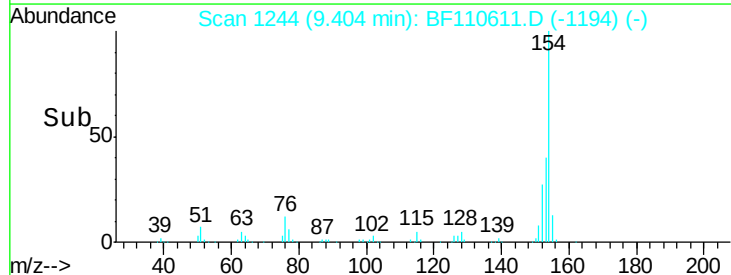
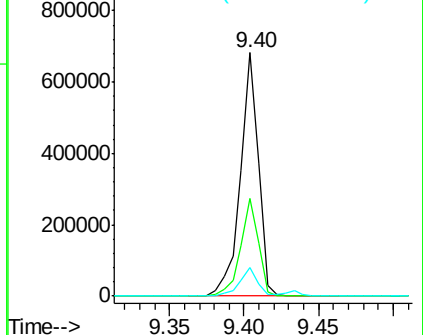


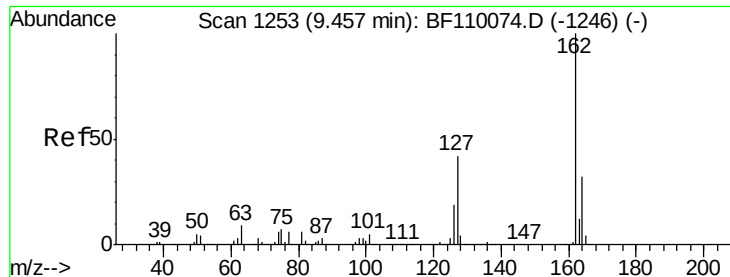
#46
1,1'-Biphenyl
Concen: 46.66 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion:154 Resp: 573078
Ion Ratio Lower Upper
154 100
153 40.2 20.4 60.4
76 11.6 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

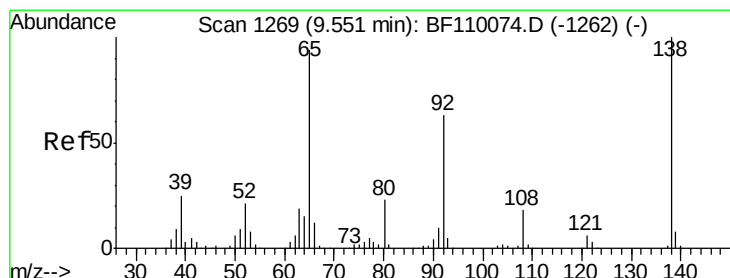
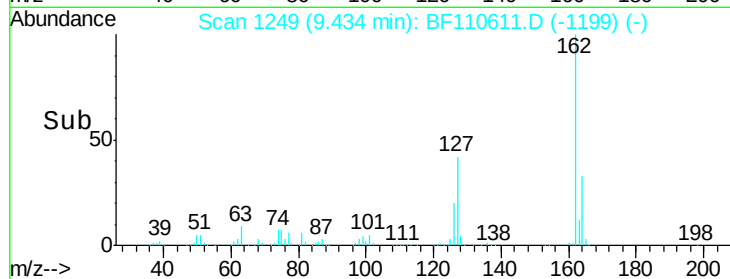
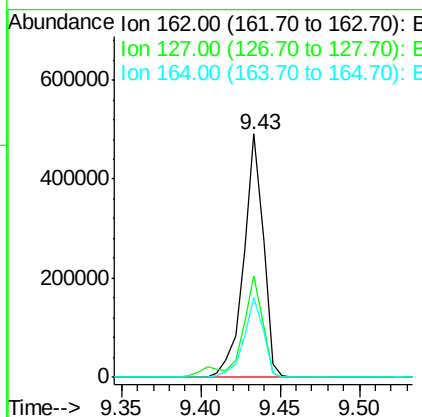
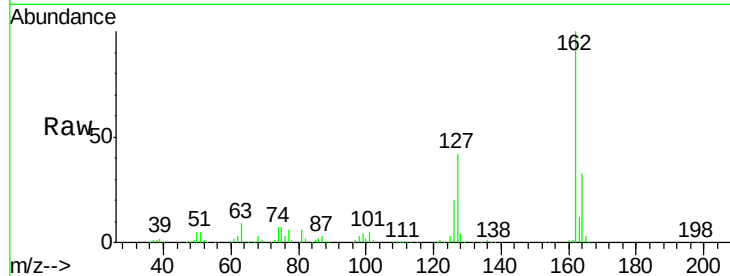




#47
 2-Chloronaphthalene
 Concen: 47.28 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

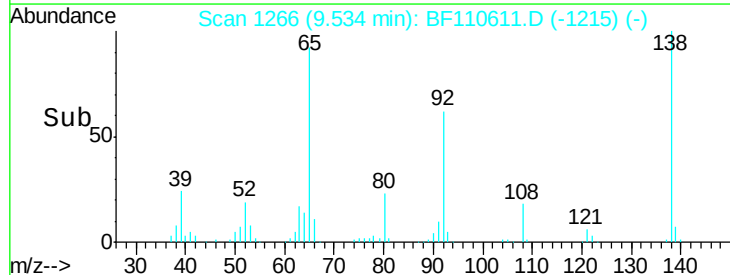
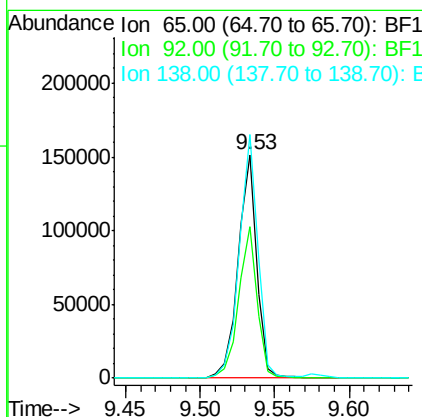
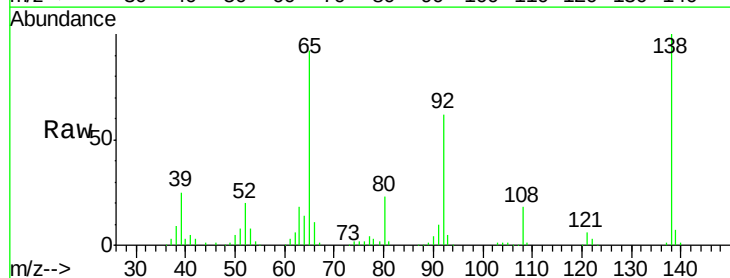
Instrument :
 BNA_F
 ClientSampleId :

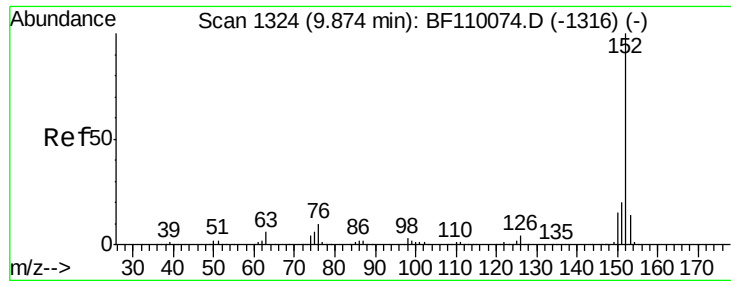
Tot Ion:162 Resp: 418289
 Ion Ratio Lower Upper
 162 100
 127 41.7 32.6 48.8
 164 32.5 25.9 38.9



#48
 2-Nitroaniline
 Concen: 48.81 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Tgt Ion: 65 Resp: 133092
 Ion Ratio Lower Upper
 65 100
 92 67.8 54.6 81.8
 138 108.9 80.3 120.5





#49

Acenaphthylene

Concen: 50.42 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

ClientSampled :

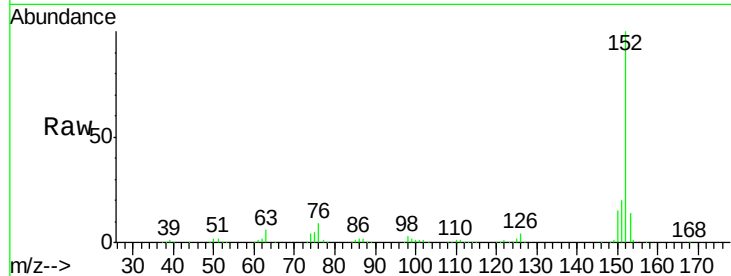
Tot Ion:152 Resp: 642489

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

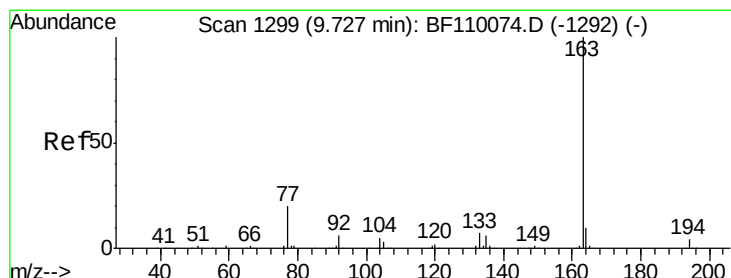
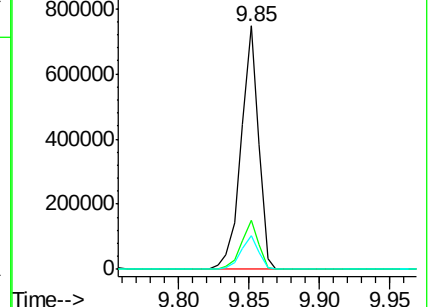
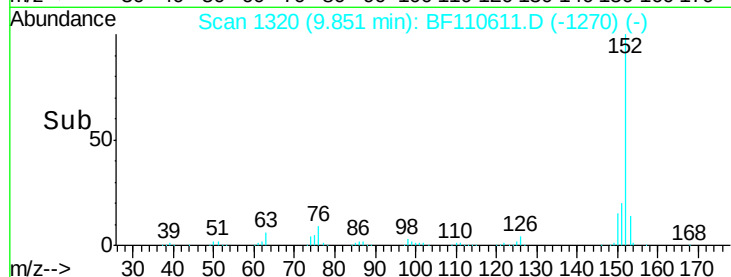
153 13.8 10.4 15.6



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: 51.25 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

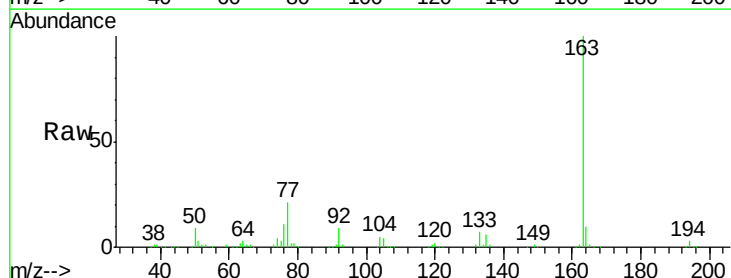
Tgt Ion:163 Resp: 503451

Ion Ratio Lower Upper

163 100

194 3.4 3.2 4.8

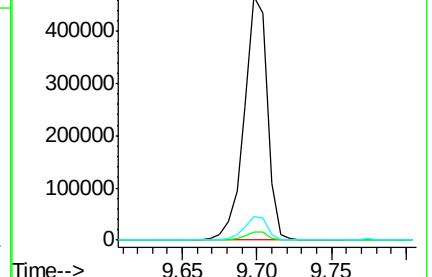
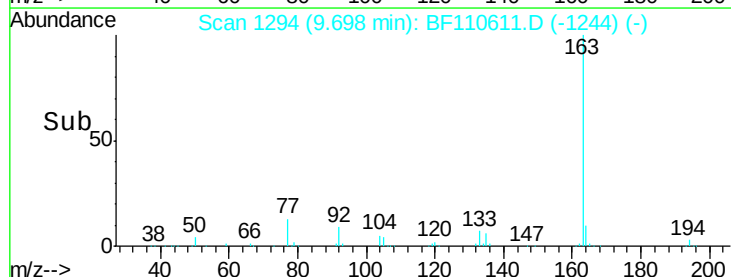
164 9.9 8.1 12.1

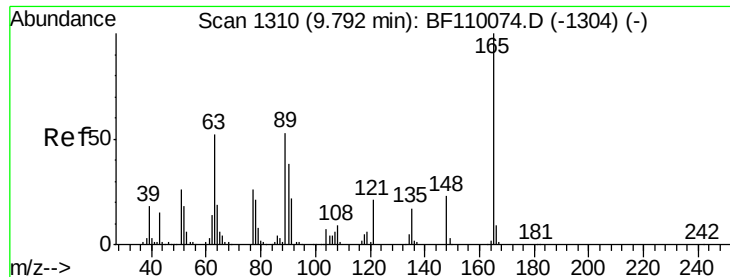


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.82 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

ClientSampleId :

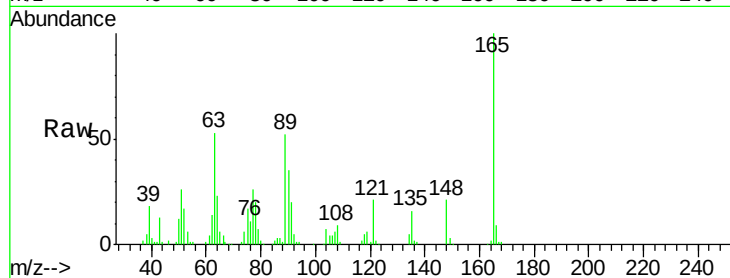
Tot Ion:165 Resp: 105493

Ion Ratio Lower Upper

165 100

63 52.7 48.9 73.3

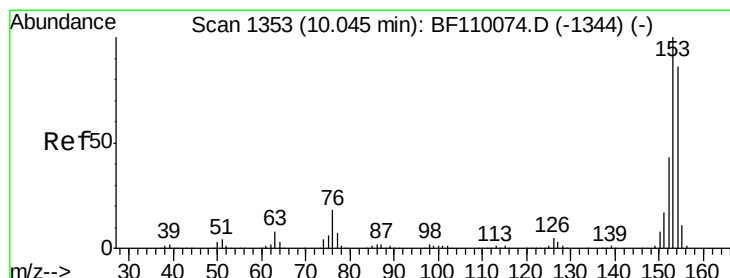
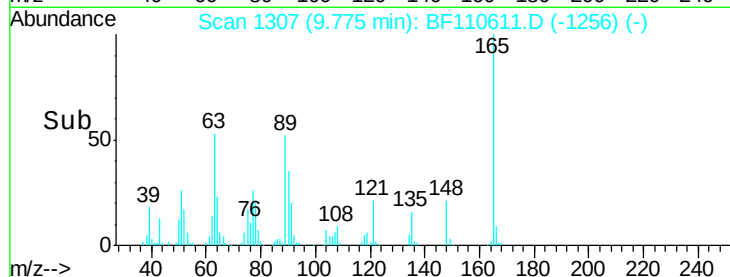
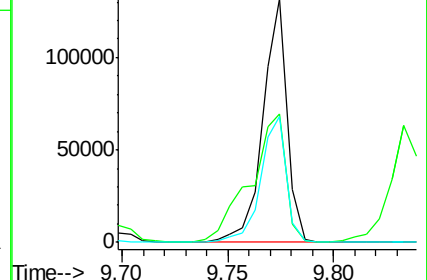
89 51.9 46.6 69.8



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: 47.57 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

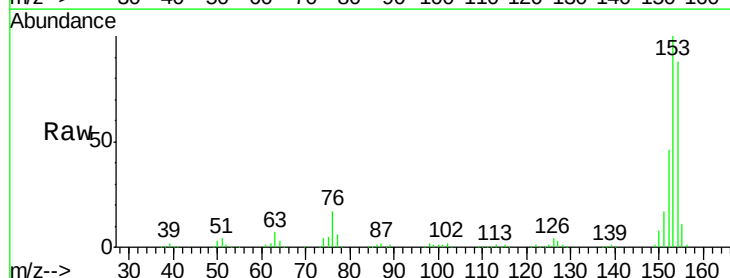
Tgt Ion:154 Resp: 383051

Ion Ratio Lower Upper

154 100

153 113.5 90.1 135.1

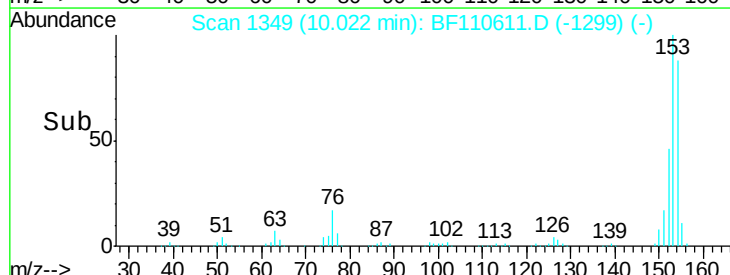
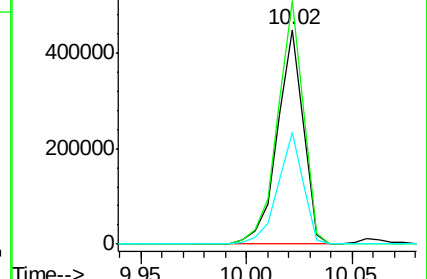
152 51.9 43.4 65.2

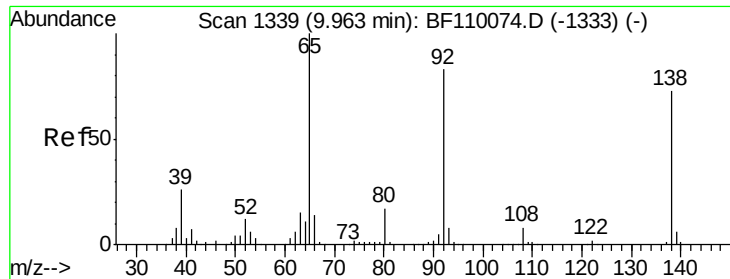


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

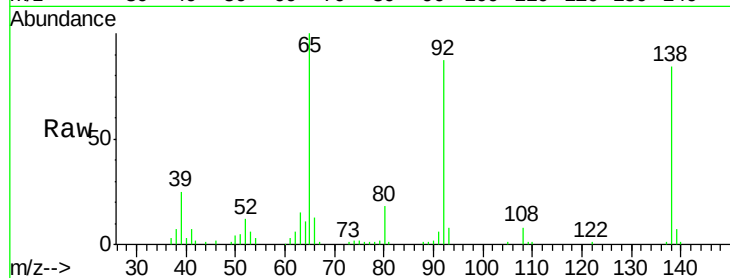




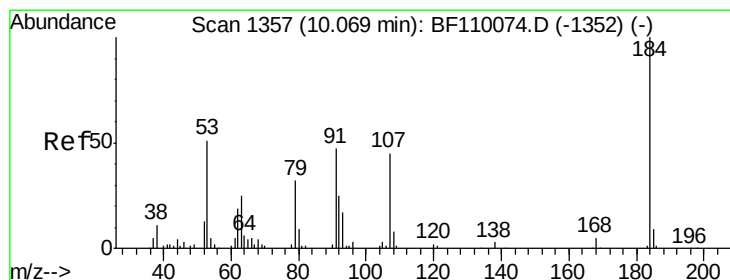
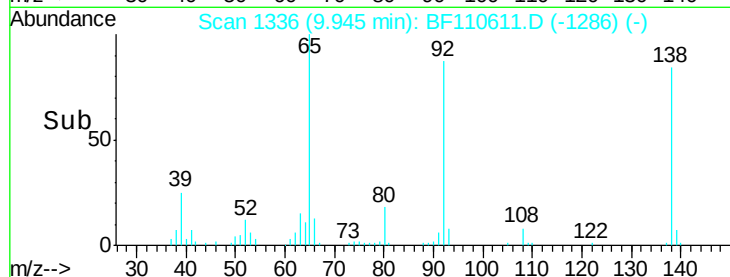
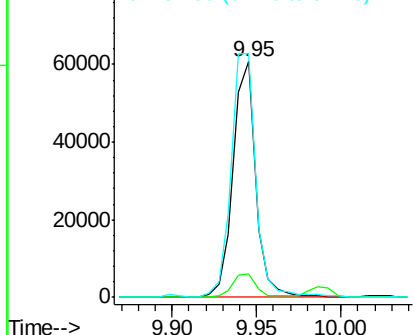
#53
3-Nitroaniline
Concen: 22.70 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 56831
Ion Ratio Lower Upper
138 100
108 10.1 8.7 13.1
92 103.3 97.0 145.4

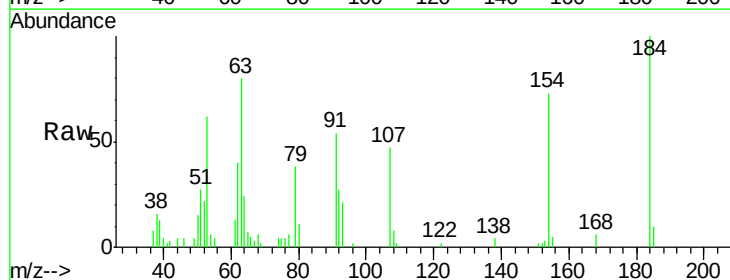


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

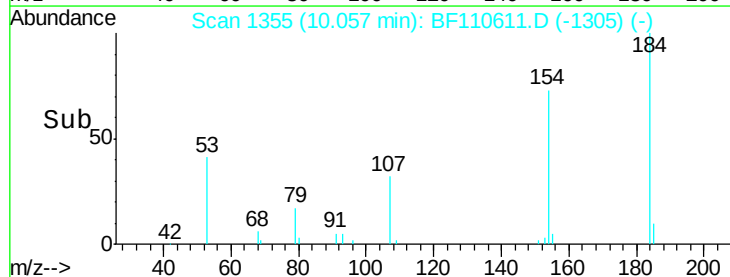
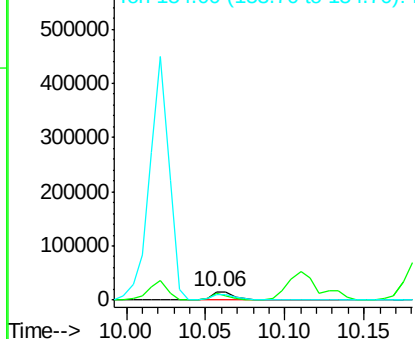


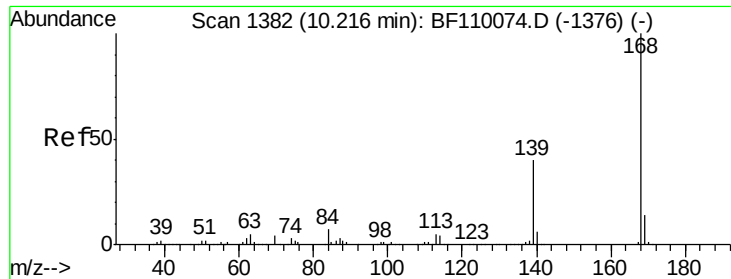
#54
2,4-Dinitrophenol
Concen: 25.00 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion:184 Resp: 18561
Ion Ratio Lower Upper
184 100
63 79.7 55.8 83.6
154 72.9 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

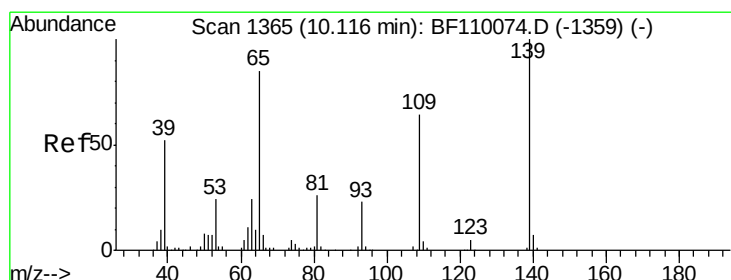
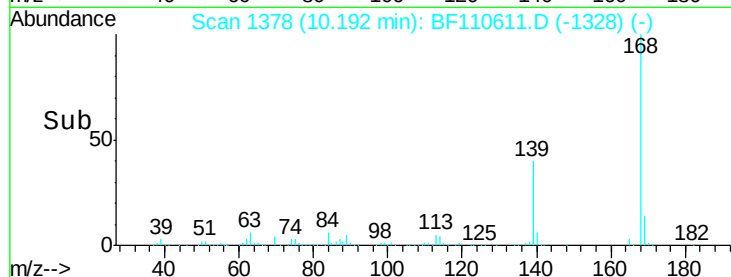
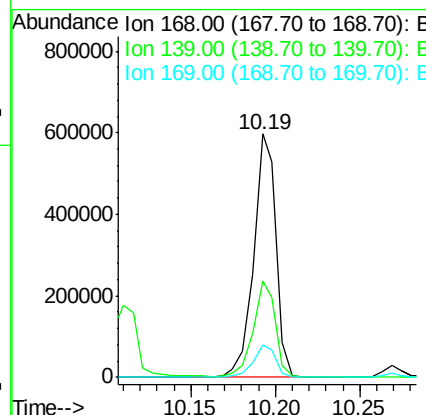
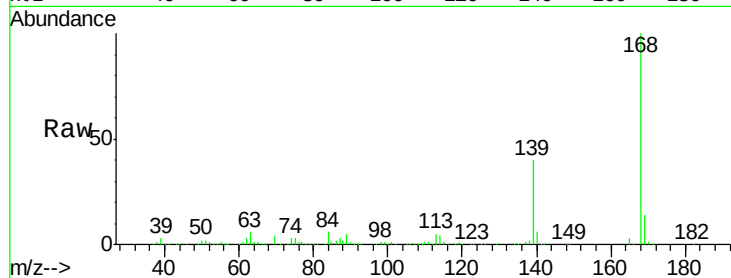




#55
Dibenzenofuran
Concen: 46.83 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

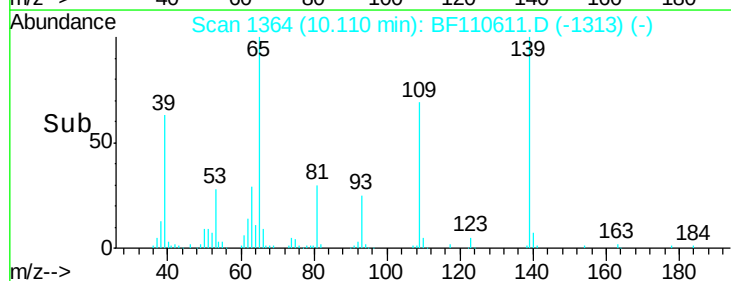
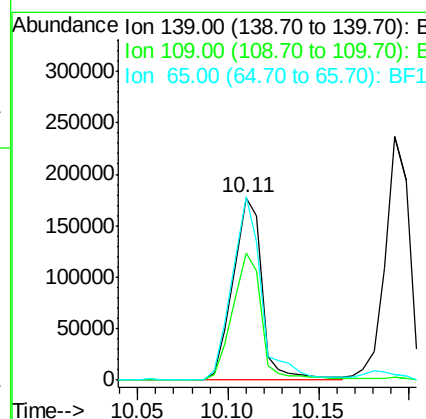
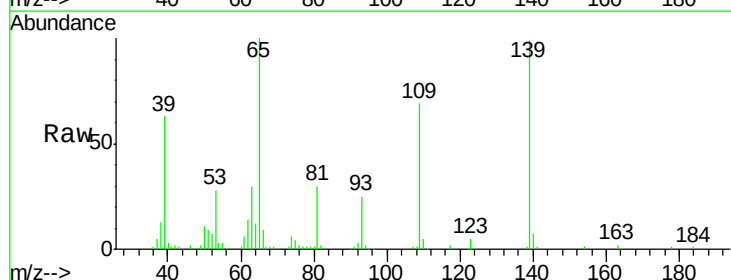
Instrument :
BNA_F
ClientSampleId :

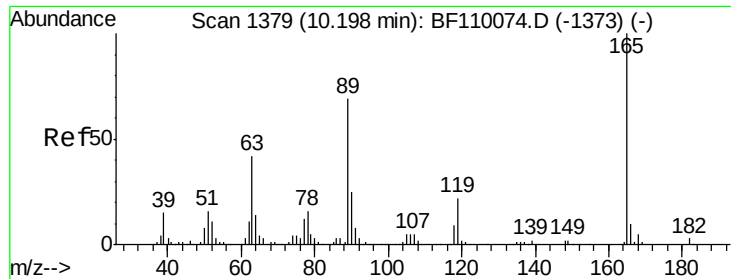
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	33.0	49.6
169	13.5	11.3	16.9



#56
4-Nitrophenol
Concen: 119.52 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.7	55.8	95.8
65	100.6	77.9	117.9

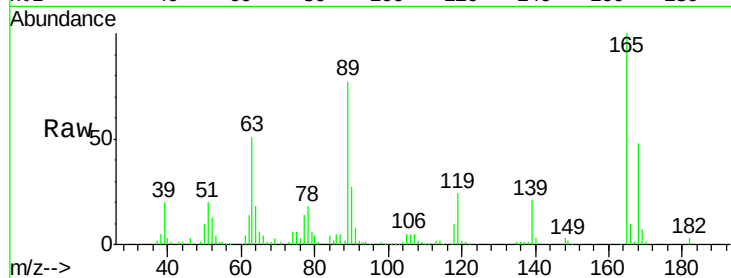




#57
2,4-Dinitrotoluene
Concen: 46.29 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	51.4	44.8	67.2	
89	77.5	62.2	93.4	
182	2.5	2.1	3.1	



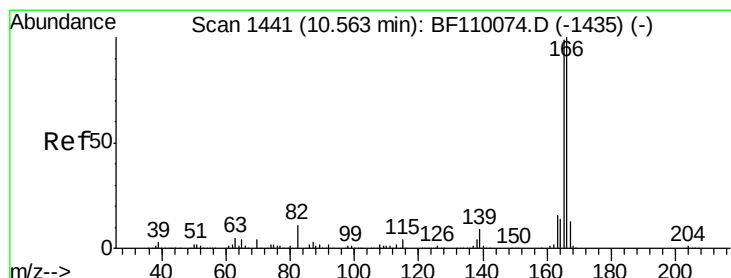
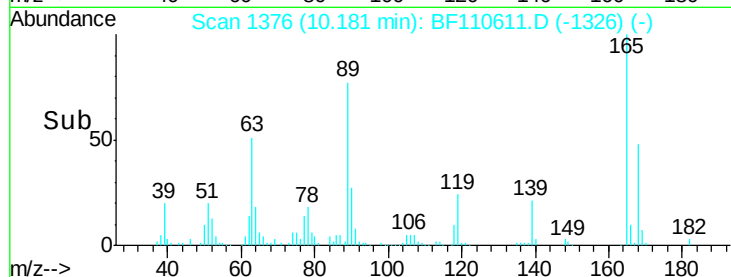
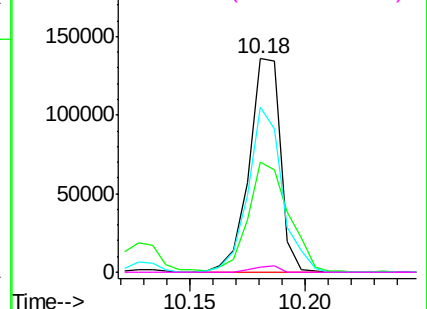
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

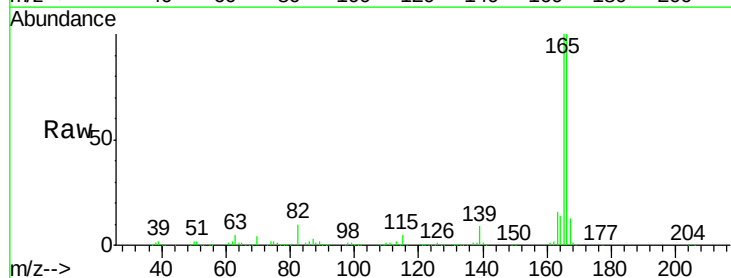
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.03 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	100.5	78.6	117.8	
167	13.5	10.8	16.2	

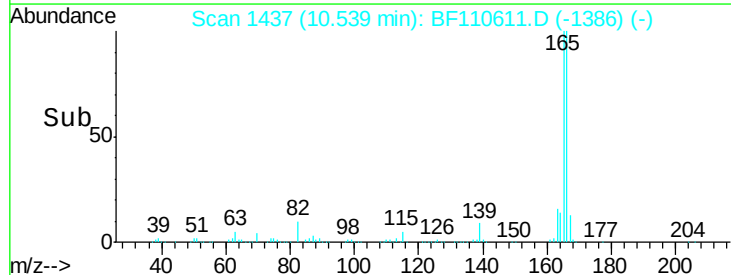
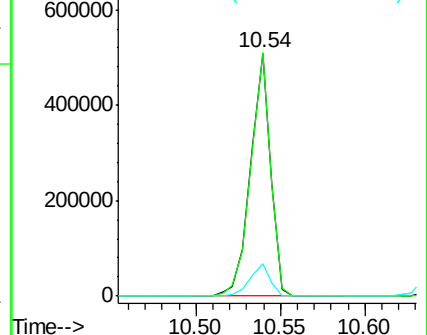


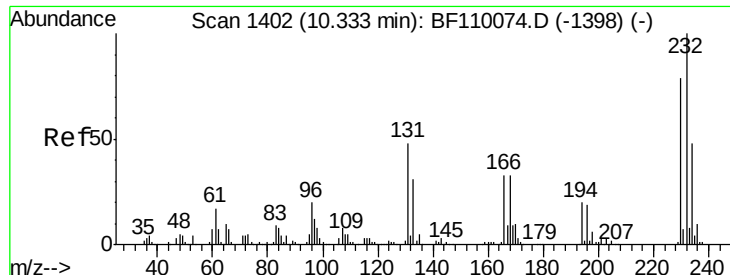
Abundance

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

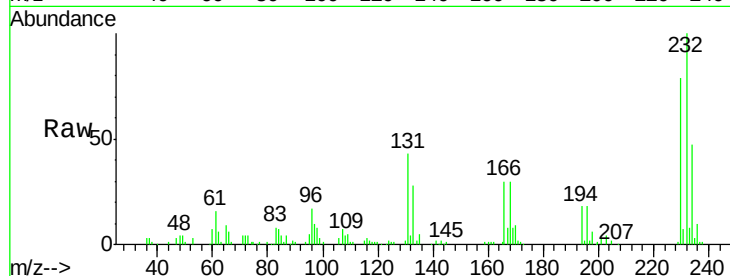




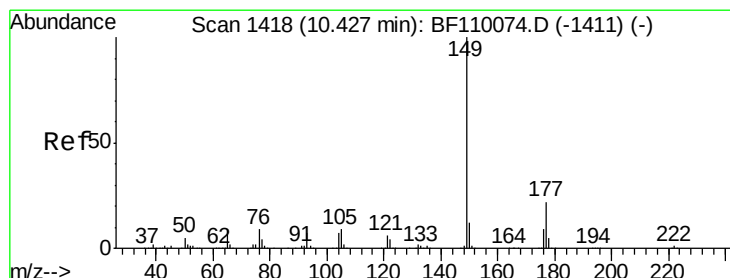
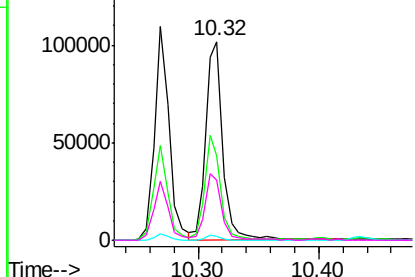
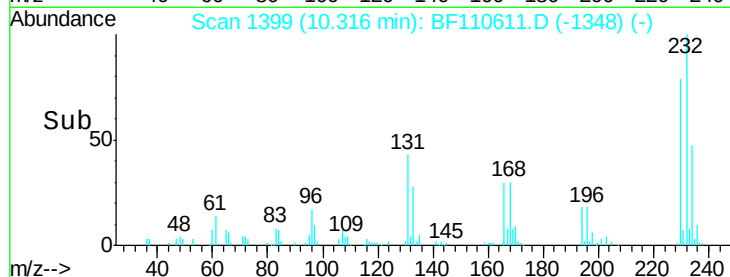
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.24 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 99417
Ion Ratio Lower Upper
232 100
131 50.2 37.0 55.4
130 2.3 1.8 2.6
166 33.2 22.0 33.0#

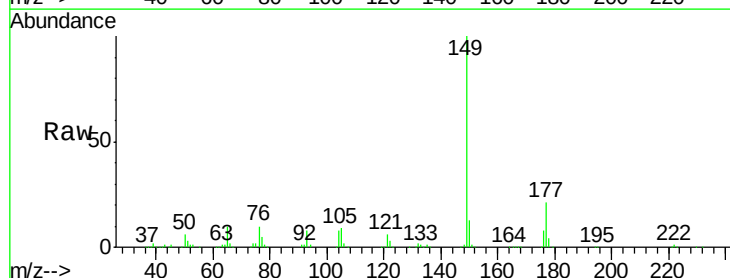


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

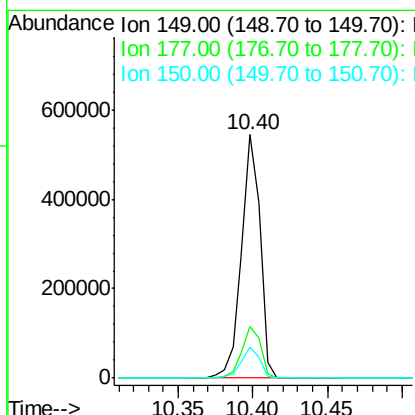
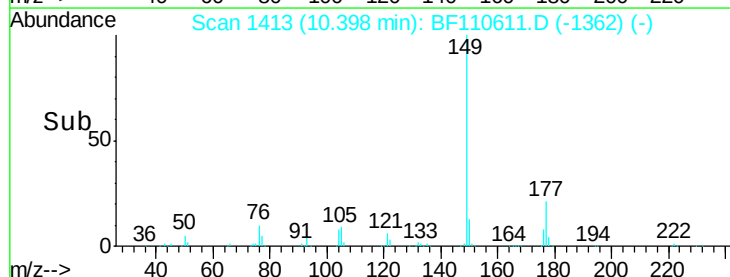


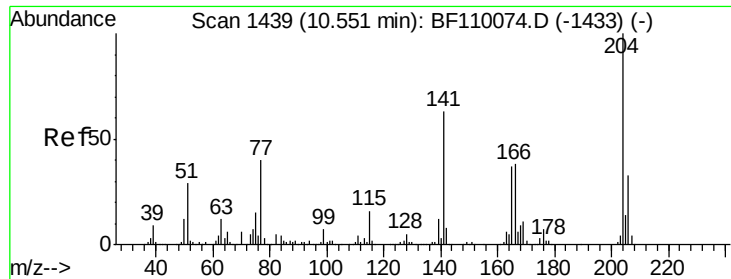
#60
Diethylphthalate
Concen: 48.93 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion:149 Resp: 475547
Ion Ratio Lower Upper
149 100
177 21.1 17.4 26.2
150 12.7 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

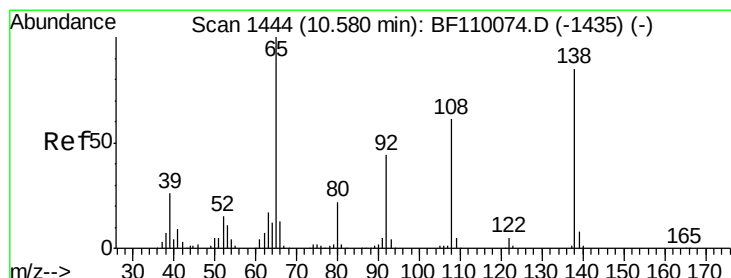
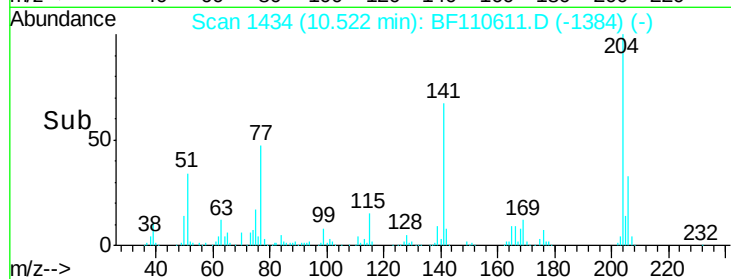
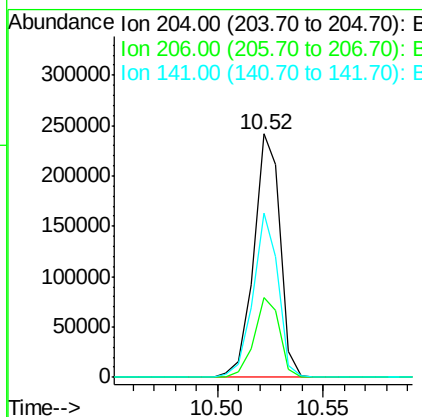
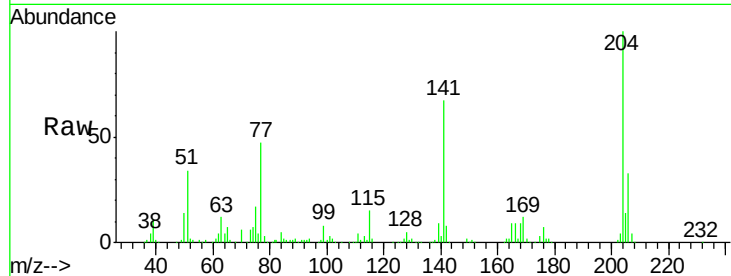




#61
4-Chlorophenyl-phenylether
Concen: 44.72 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

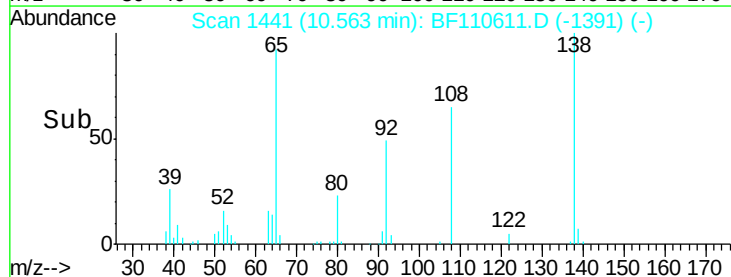
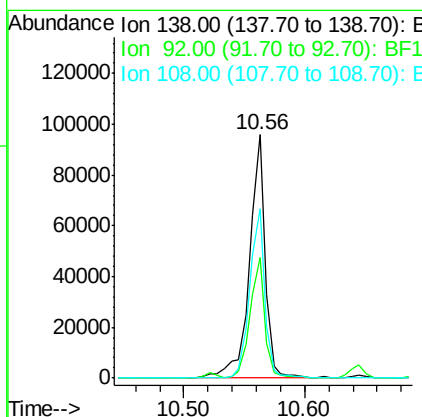
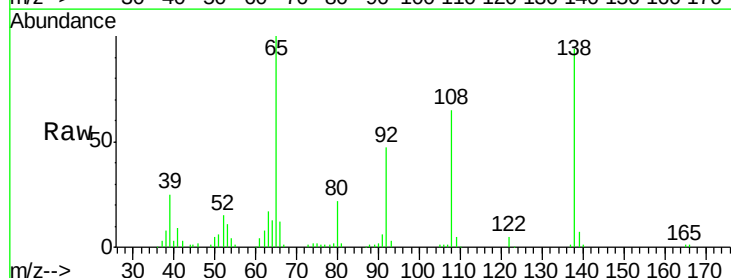
Instrument :
BNA_F
ClientSampled :

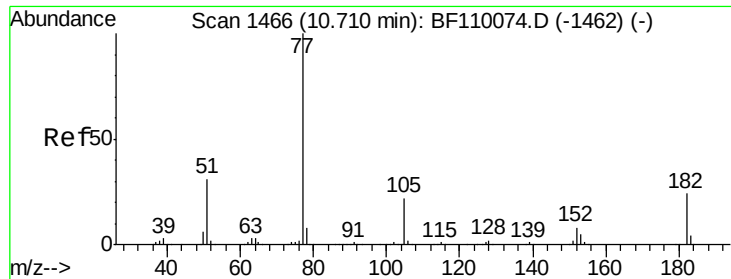
Tot Ion:204 Resp: 209545
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 67.4 51.8 77.8



#62
4-Nitroaniline
Concen: 35.09 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion:138 Resp: 88468
Ion Ratio Lower Upper
138 100
92 49.4 31.7 71.7
108 69.5 59.3 99.3





#63

Azobenzene

Concen: 45.70 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 433274

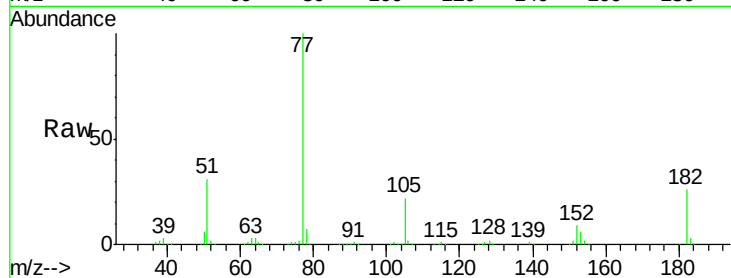
Ion Ratio Lower Upper

77 100

182 26.1 4.3 44.3

105 22.1 1.3 41.3

51 30.6 9.0 49.0

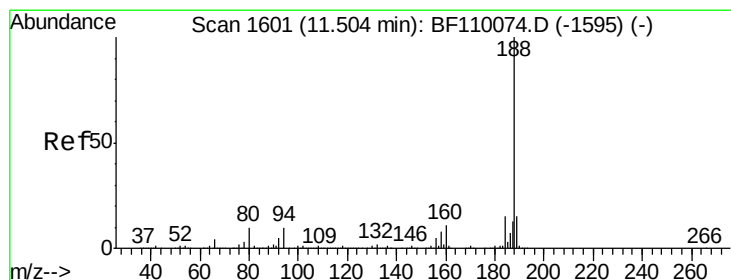
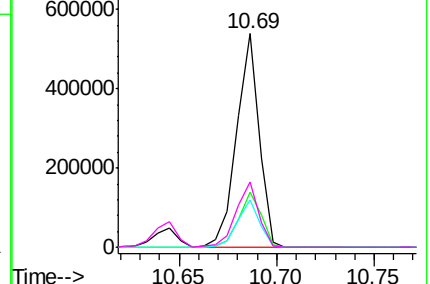
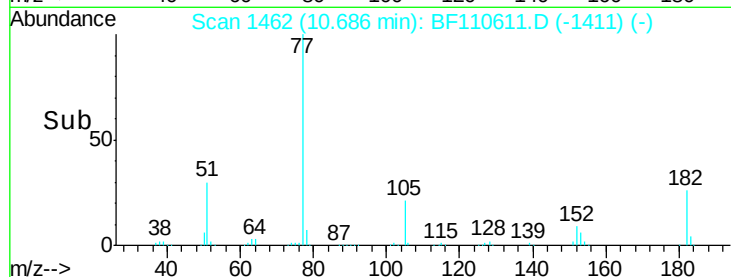


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF110611.D

Acq: 9 Nov 2018 4:05

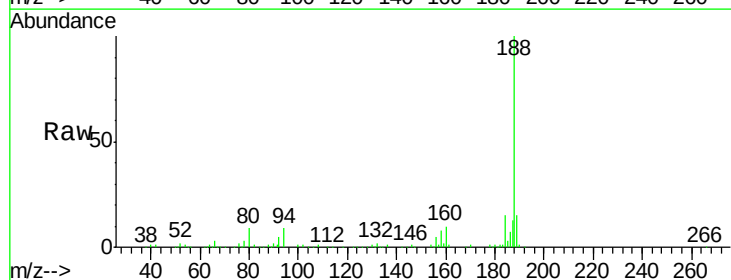
Tgt Ion: 188 Resp: 201730

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

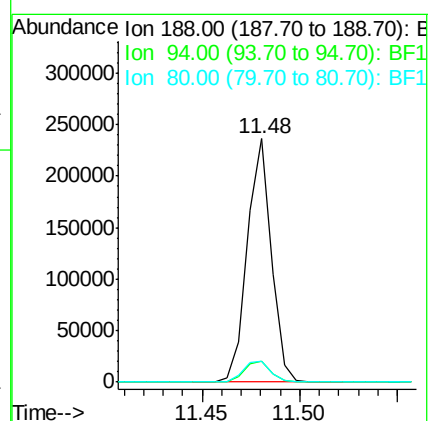
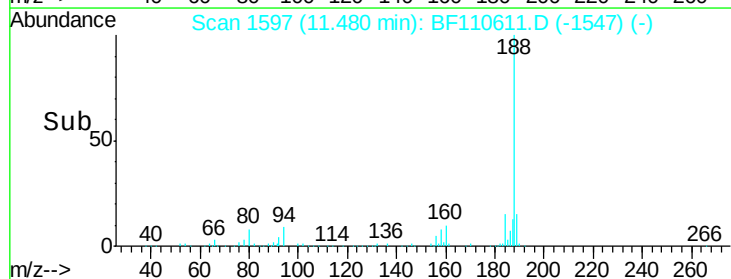
80 8.7 7.9 11.9

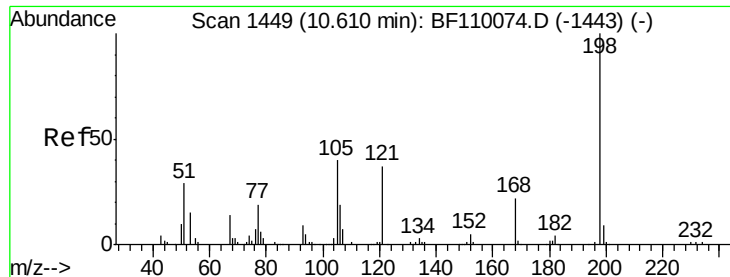


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

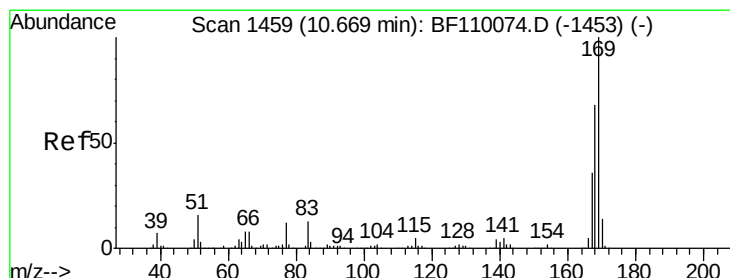
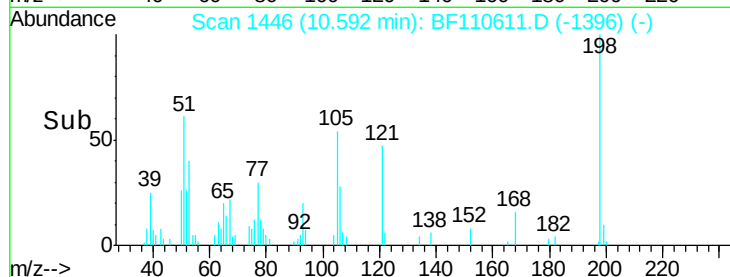
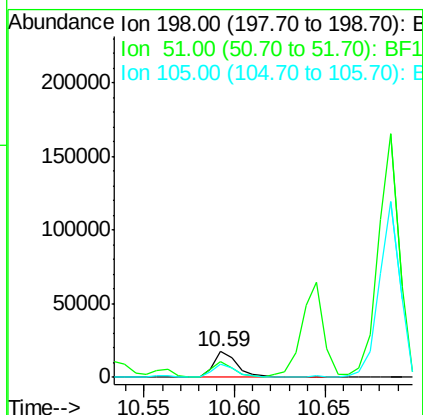
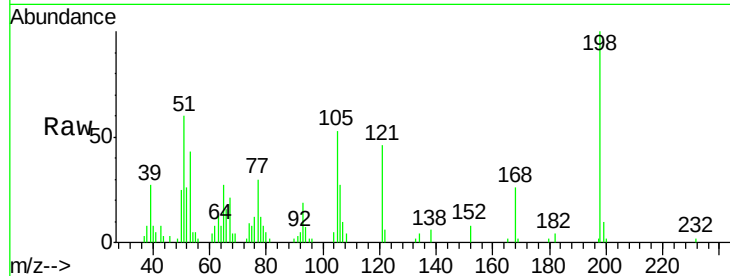




#65
4,6-Dinitro-2-methylphenol
Concen: 15.81 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

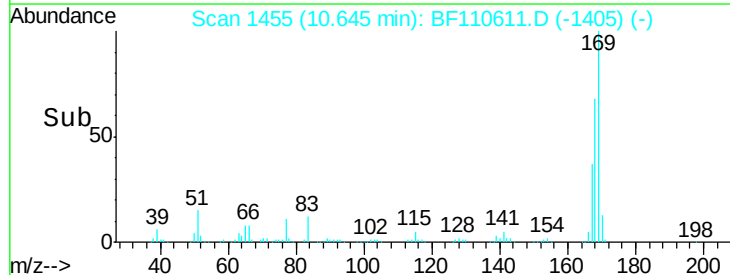
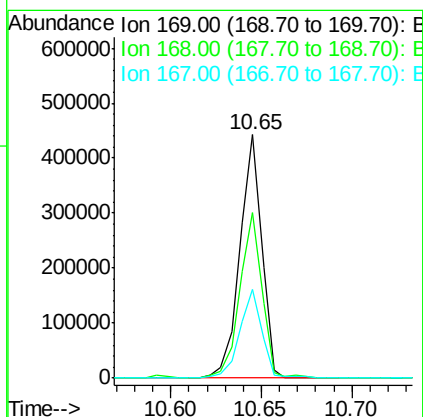
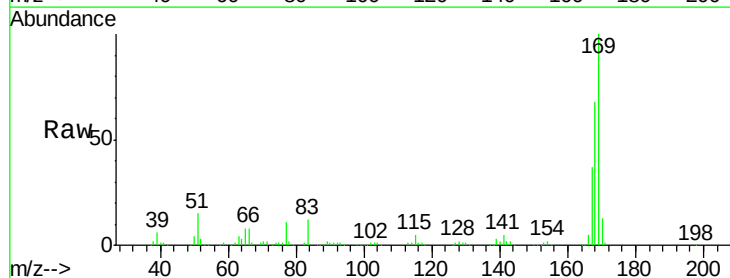
Instrument :
BNA_F
ClientSampled :

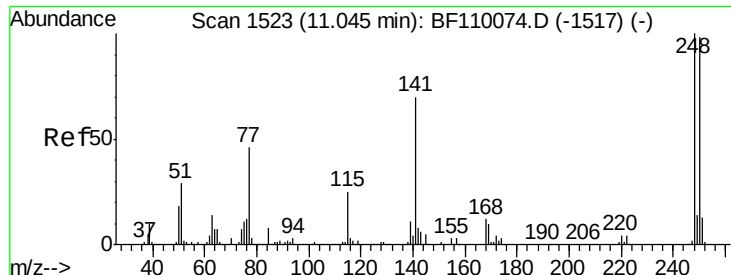
Tot Ion:198 Resp: 16071
Ion Ratio Lower Upper
198 100
51 59.6 22.8 62.8
105 53.4 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 54.83 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion:169 Resp: 372844
Ion Ratio Lower Upper
169 100
168 68.0 51.2 76.8
167 36.5 27.8 41.6

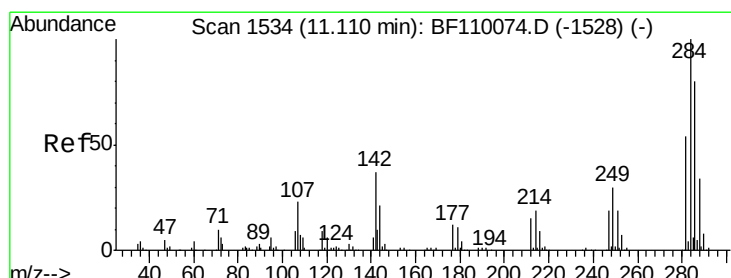
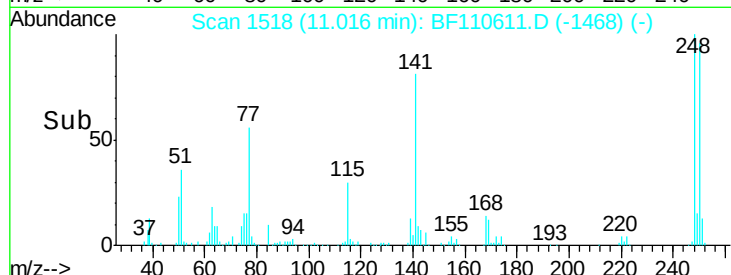
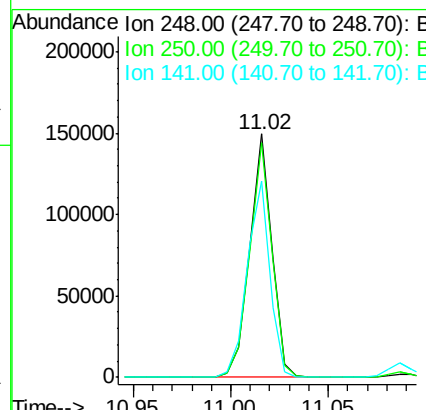
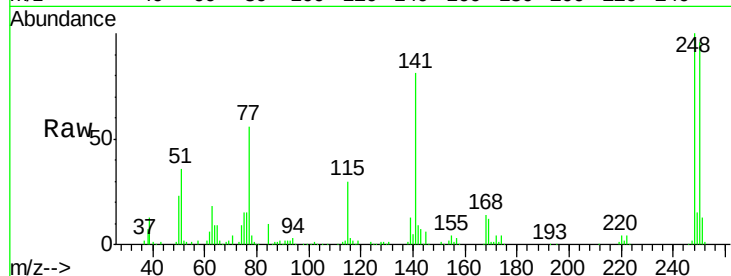




#67
 4-Bromophenyl-phenylether
 Concen: 52.90 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

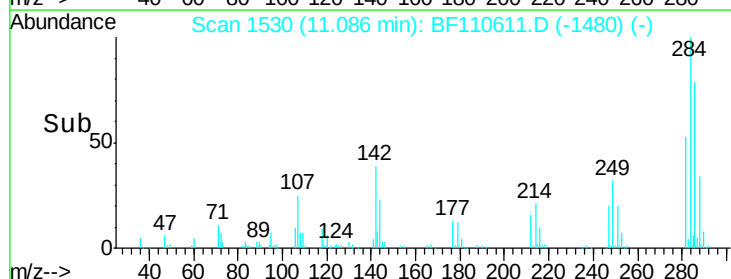
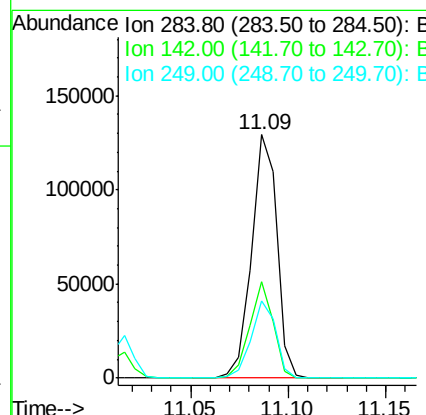
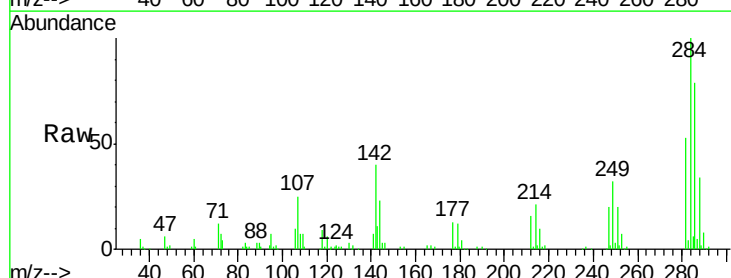
Instrument :
 BNA_F
 ClientSampleId :

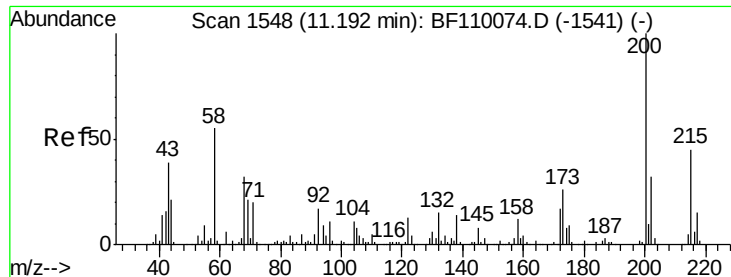
Tot Ion:248 Resp: 117931
 Ion Ratio Lower Upper
 248 100
 250 96.4 79.4 119.2
 141 80.7 55.9 83.9



#68
 Hexachlorobenzene
 Concen: 49.42 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Tgt Ion:284 Resp: 116165
 Ion Ratio Lower Upper
 284 100
 142 39.8 23.9 35.9#
 249 31.8 24.2 36.2

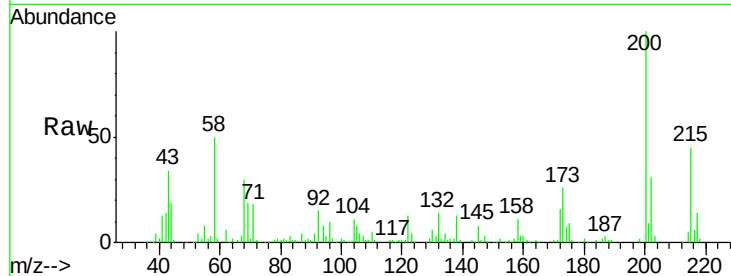




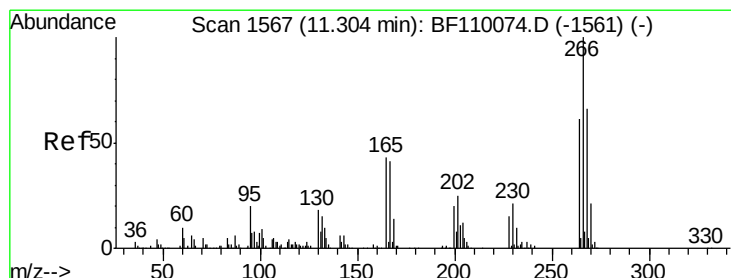
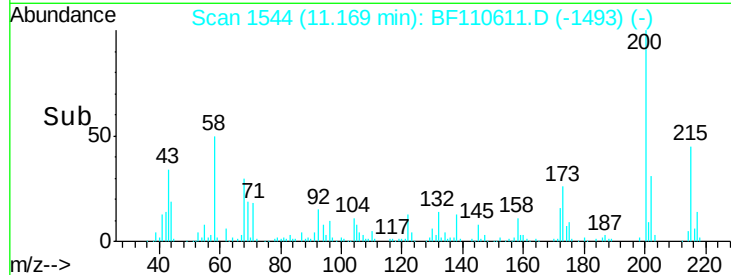
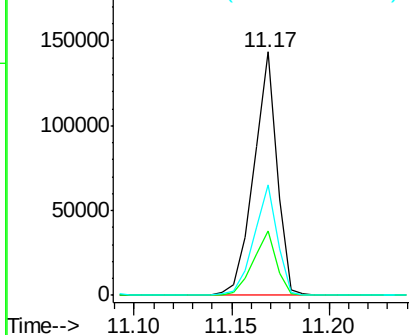
#69
 Atrazine
 Concen: 56.86 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. 0.00 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.6	46.6
215	45.4	26.3	66.3

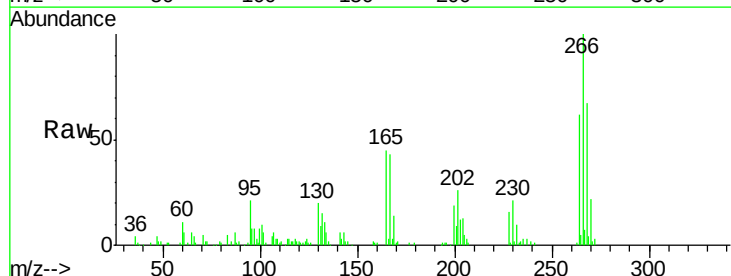


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

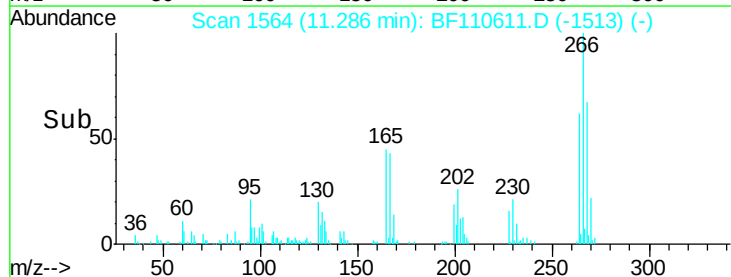
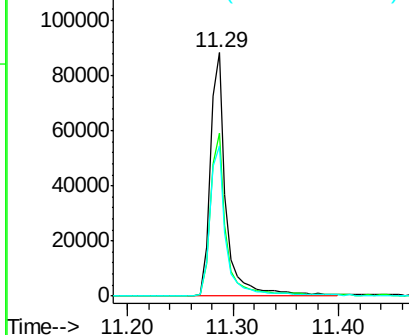


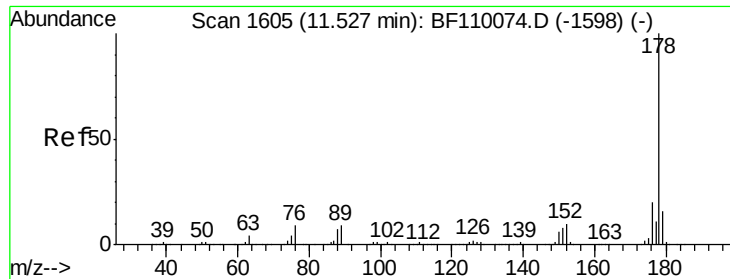
#70
 Pentachlorophenol
 Concen: 74.20 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.1	50.6	75.8
264	61.7	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: 51.27 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

ClientSampleId :

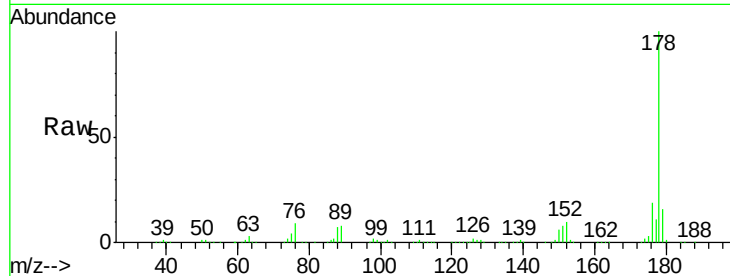
Tot Ion:178 Resp: 554077

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

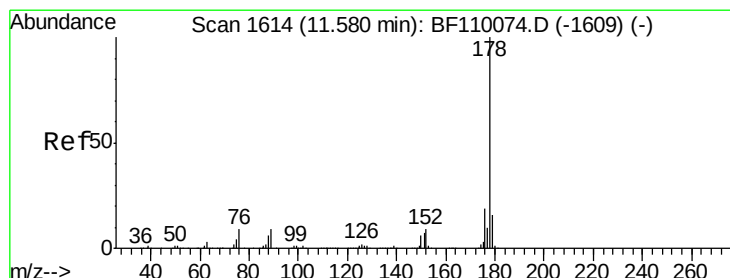
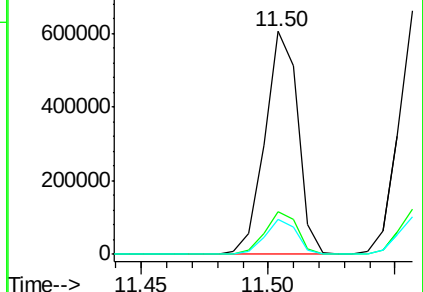
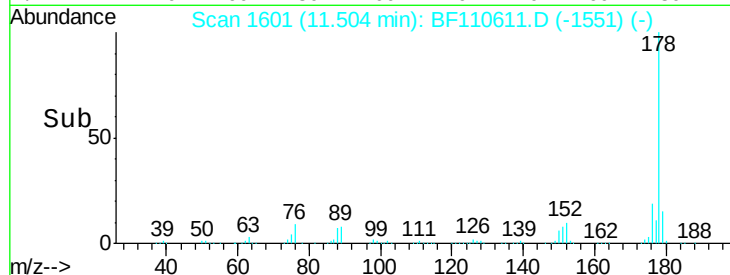
179 15.6 12.5 18.7



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: 52.29 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

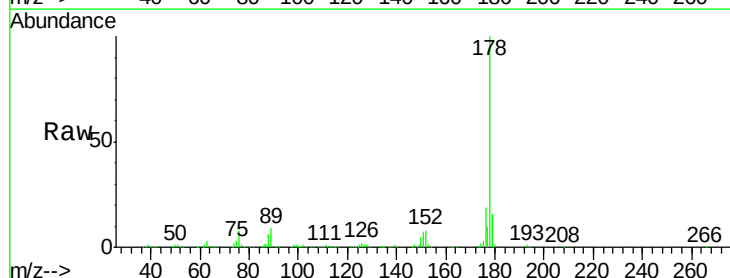
Tgt Ion:178 Resp: 570106

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

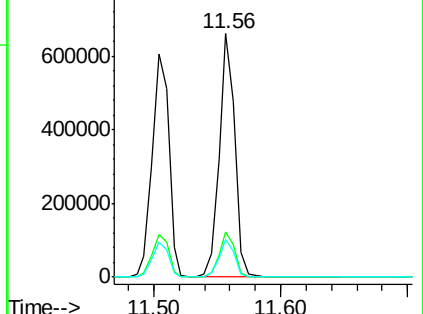
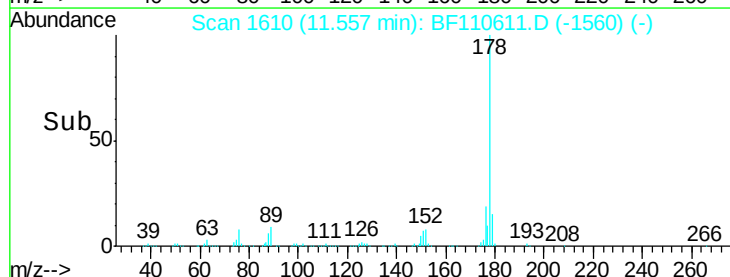
179 15.6 12.6 18.8

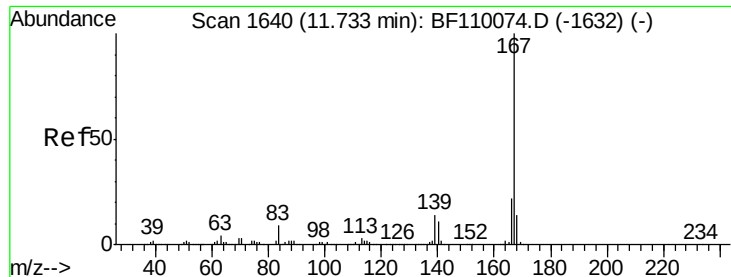


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

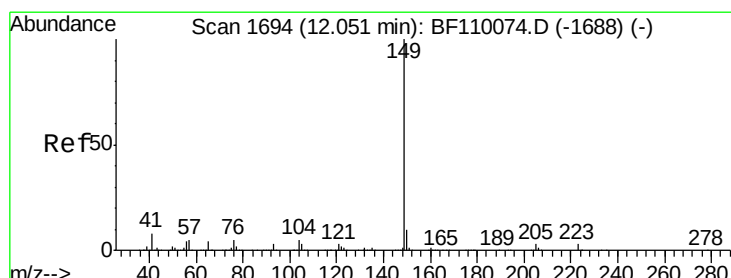
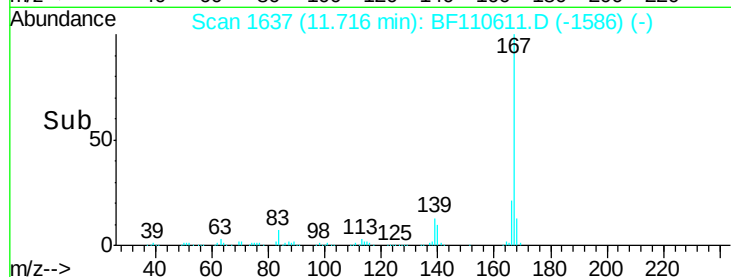
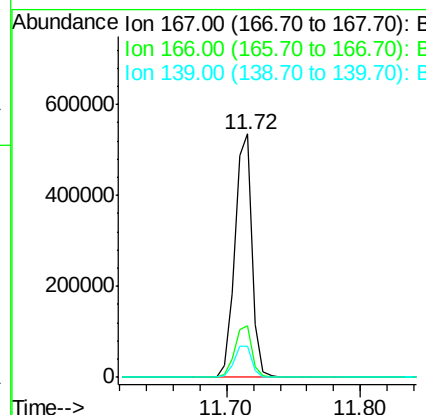
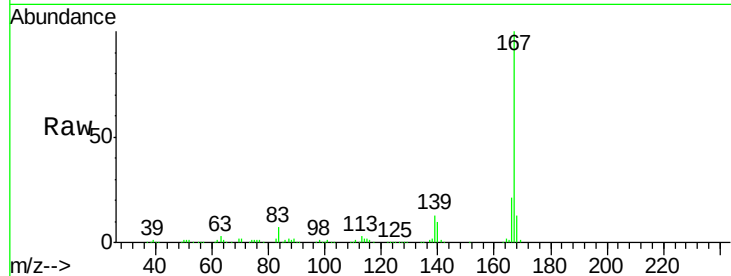




#73
 Carbazole
 Concen: 46.39 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

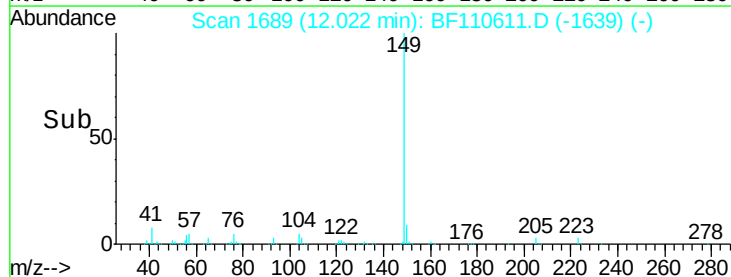
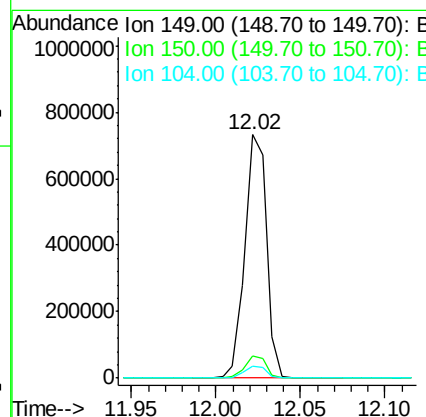
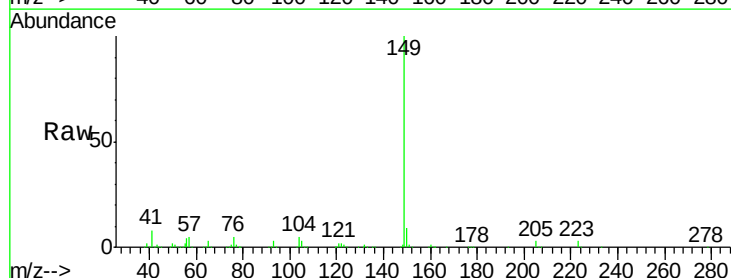
Instrument :
 BNA_F
 ClientSampleId :

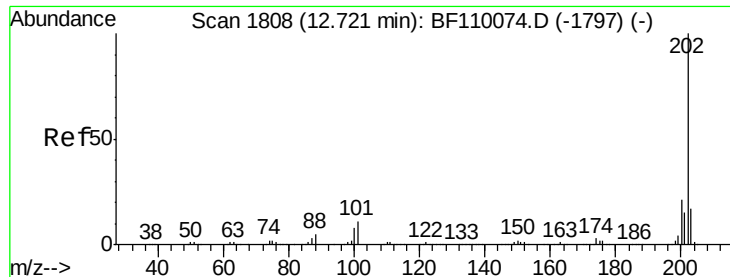
Tot Ion:167 Resp: 485717
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.0
 139 12.9 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 53.44 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110611.D
 Acq: 9 Nov 2018 4:05

Tgt Ion:149 Resp: 656150
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.2 4.2 6.4

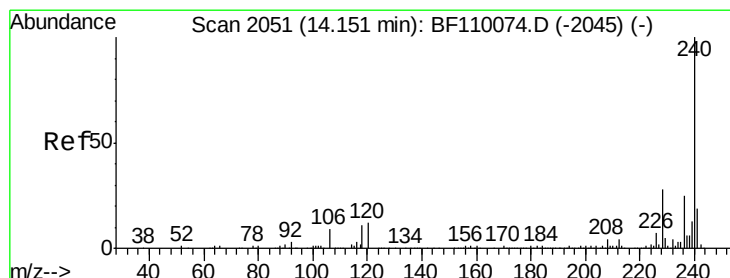
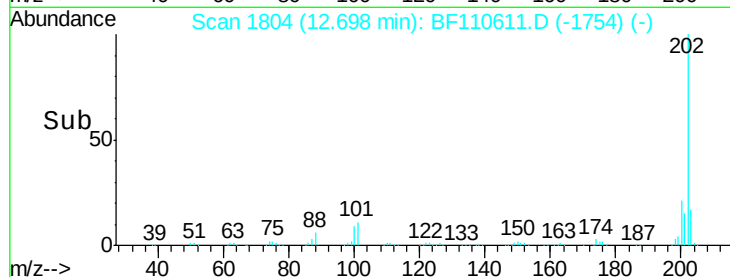
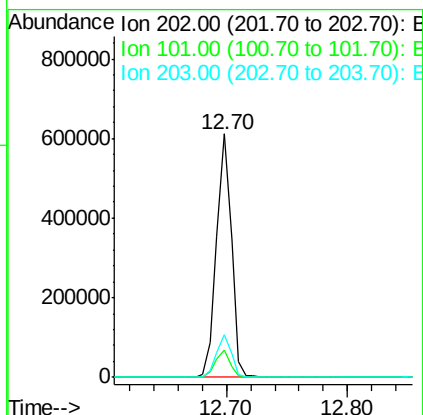
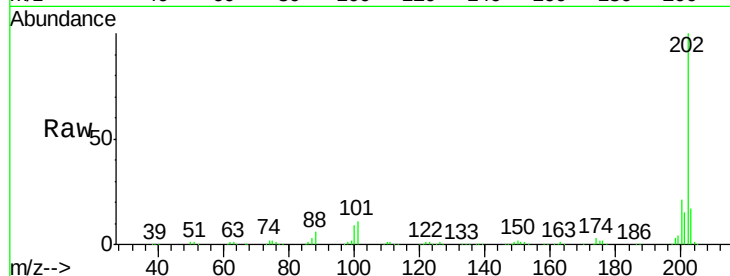




#75
Fluoranthene
Concen: 47.52 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

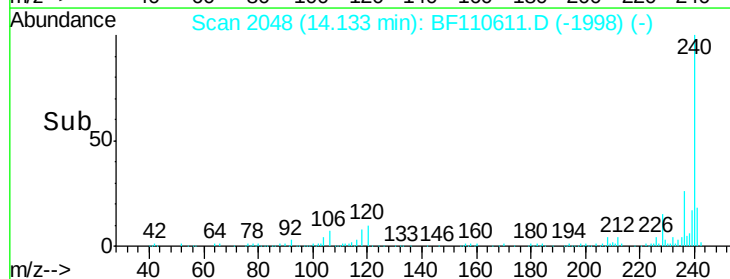
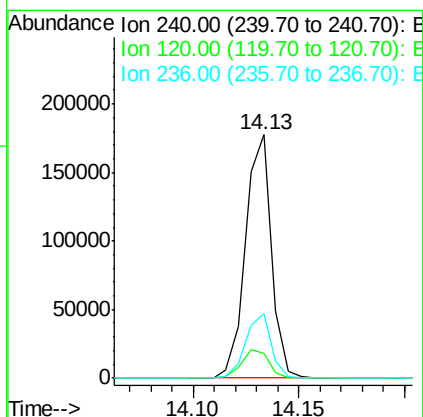
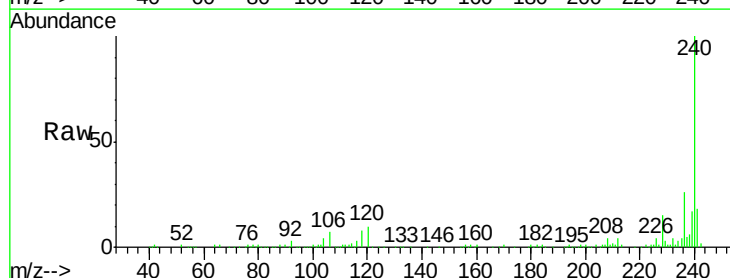
Instrument :
BNA_F
ClientSampleId :

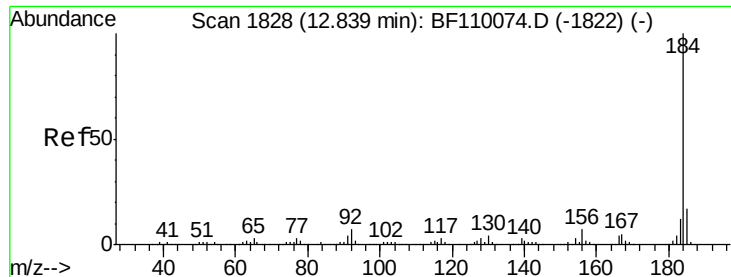
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.4
203	17.4	0.0	37.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.3	12.5
236	26.2	21.2	31.8





#77

Benzidine

Concen: 77.19 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

ClientSampleId :

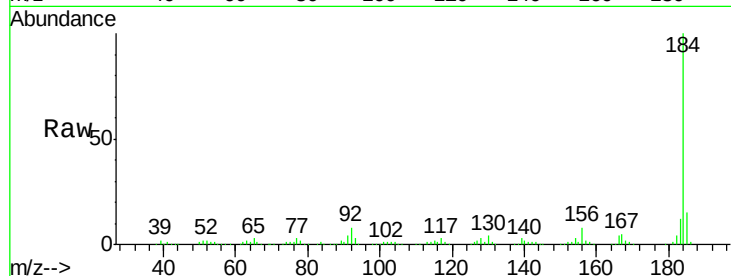
Tot Ion:184 Resp: 320940

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.2

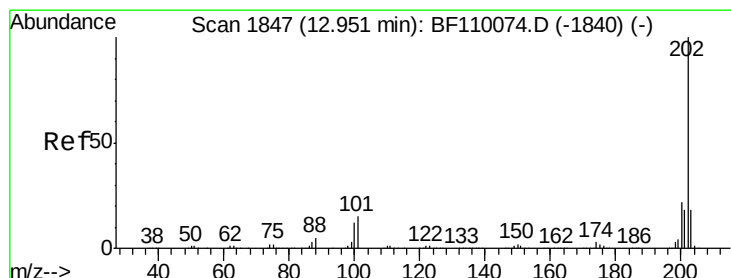
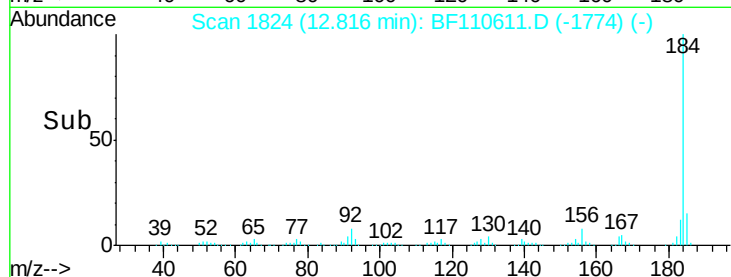
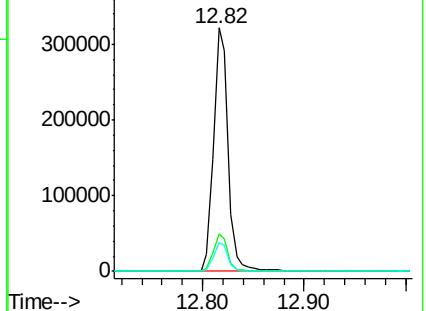
183 11.7 9.4 14.2



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: 44.10 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

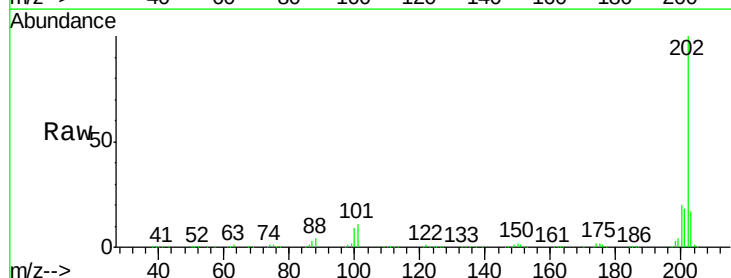
Tgt Ion:202 Resp: 513343

Ion Ratio Lower Upper

202 100

200 20.3 17.8 26.6

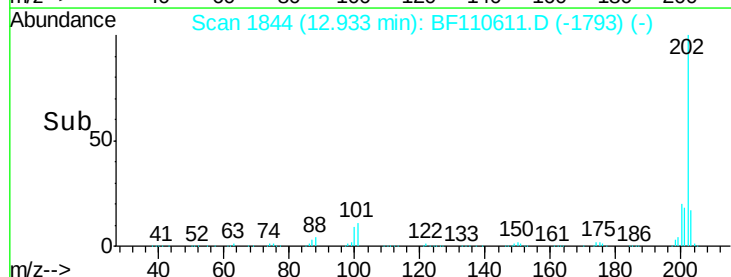
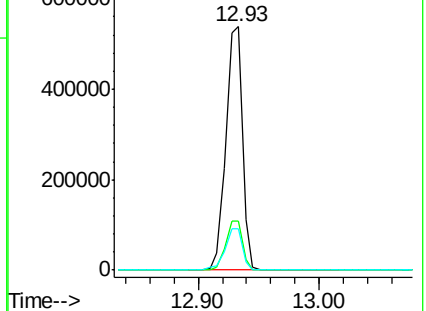
203 17.1 14.2 21.4

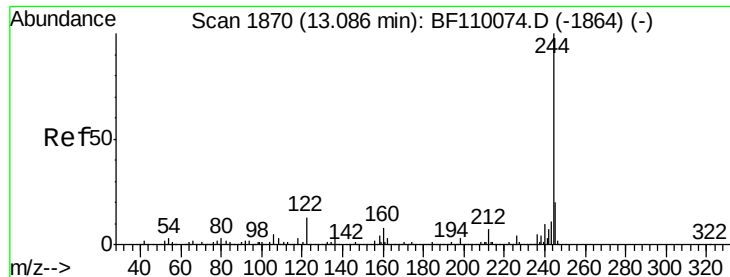


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.82 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

ClientSampleId :

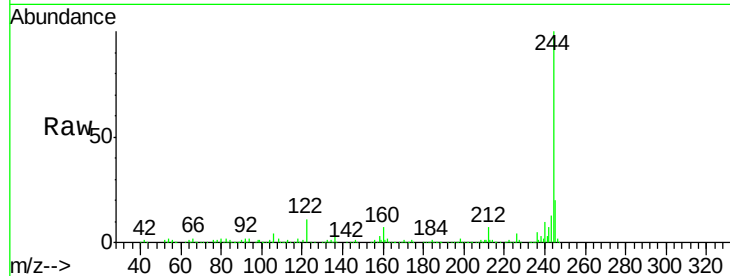
Tot Ion:244 Resp: 612162

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

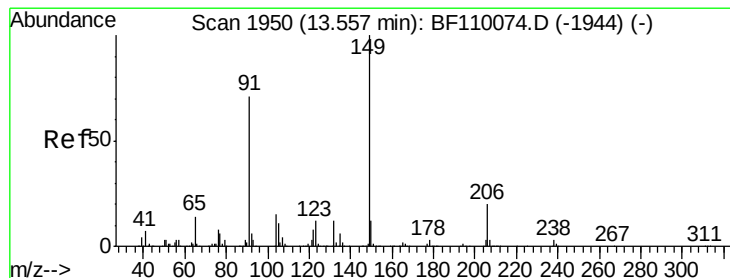
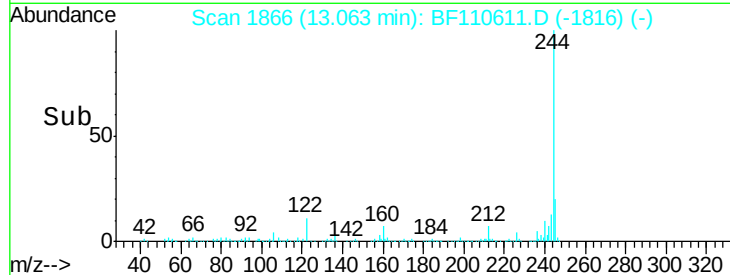
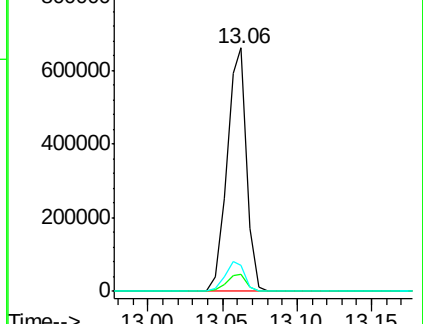
122 10.7 8.7 13.1



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: 48.05 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

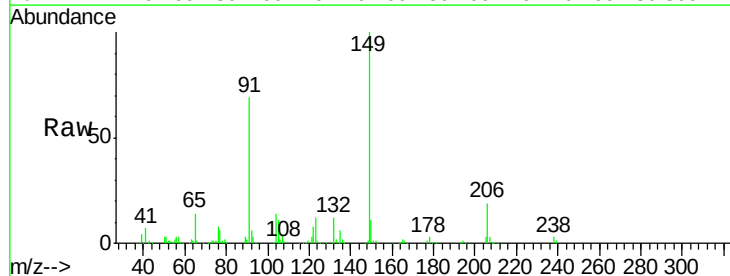
Tgt Ion:149 Resp: 240769

Ion Ratio Lower Upper

149 100

91 68.8 57.2 85.8

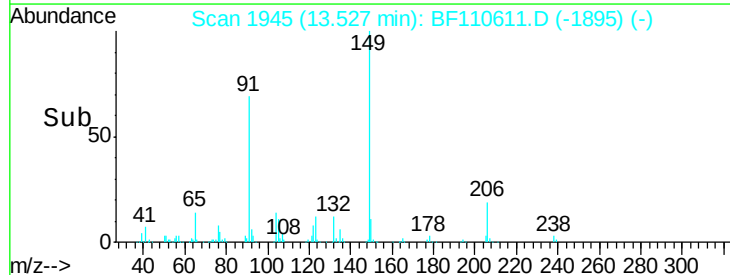
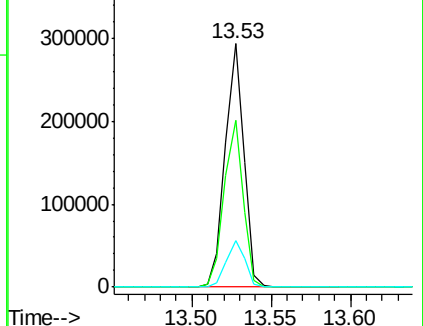
206 19.0 15.7 23.5

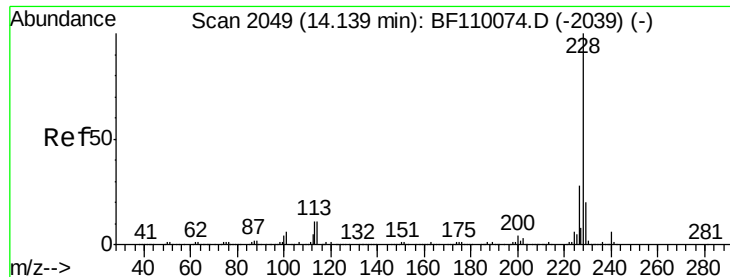


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.69 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

ClientSampleId :

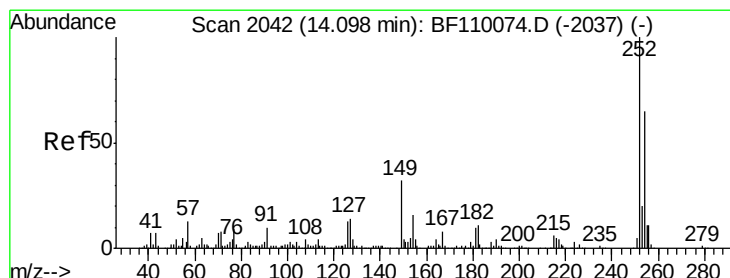
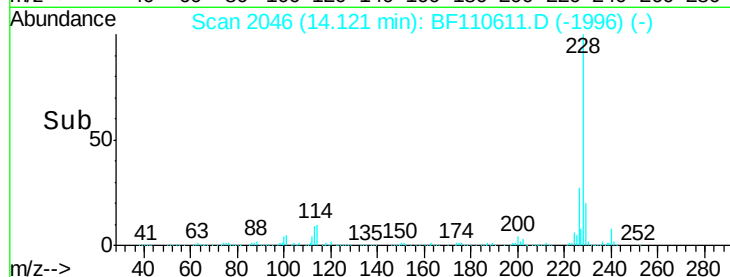
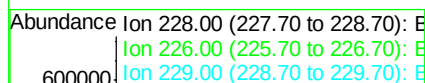
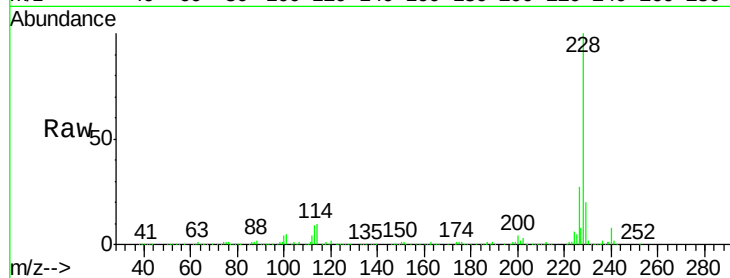
Tot Ion:228 Resp: 467098

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 43.14 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

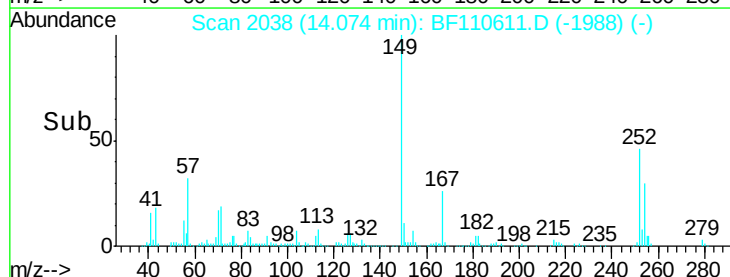
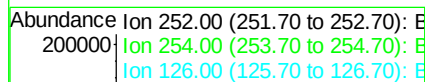
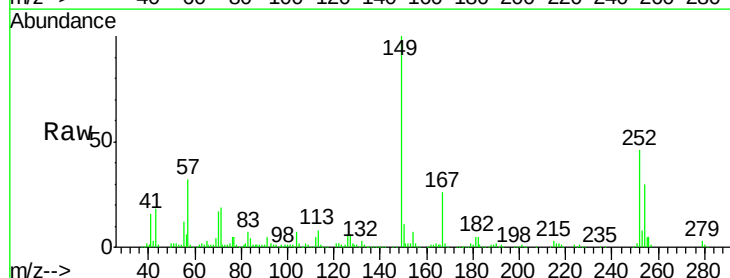
Tgt Ion:252 Resp: 130606

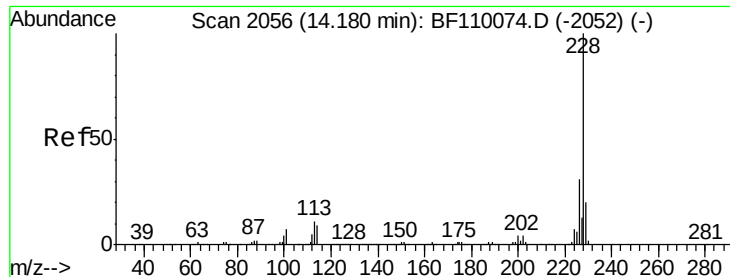
Ion Ratio Lower Upper

252 100

254 64.6 51.3 76.9

126 12.7 9.4 14.2





#83

Chrysene

Concen: 50.54 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

Instrument :

BNA_F

ClientSampleId :

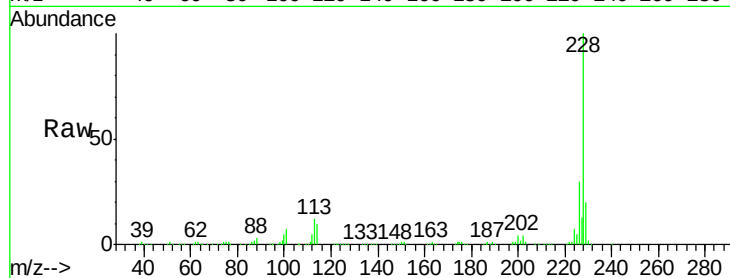
Tot Ion:228 Resp: 435101

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

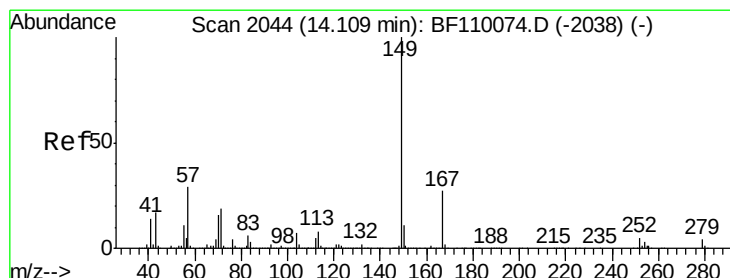
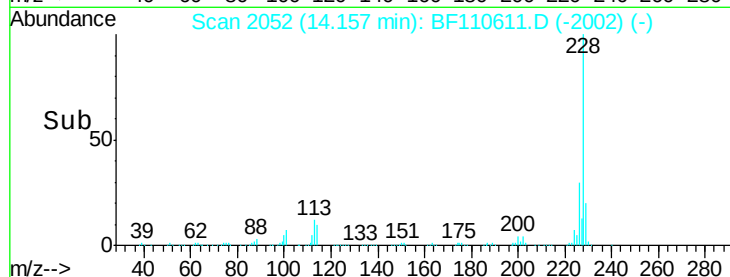
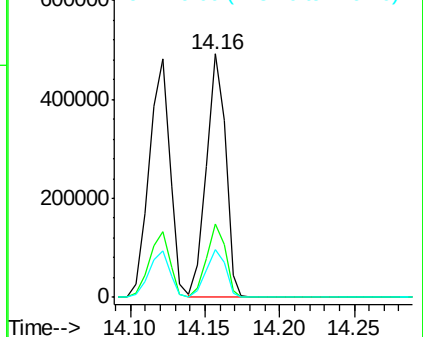
229 19.8 15.9 23.9



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: 52.14 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF110611.D

Acq: 9 Nov 2018 4:05

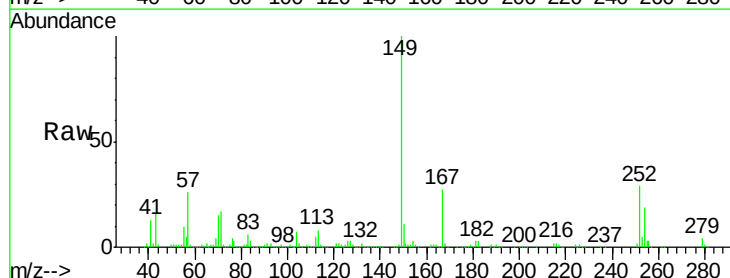
Tgt Ion:149 Resp: 324106

Ion Ratio Lower Upper

149 100

167 27.4 19.8 29.8

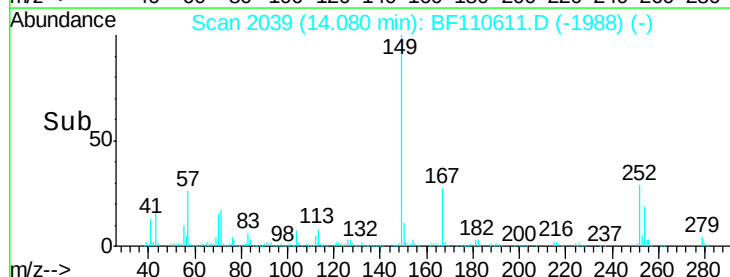
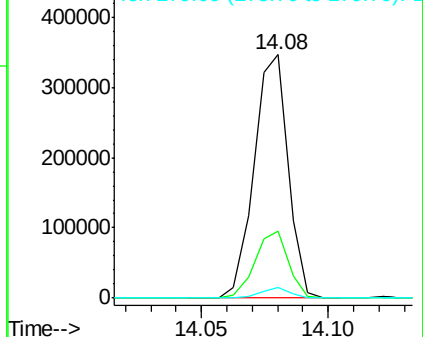
279 4.2 2.7 4.1#

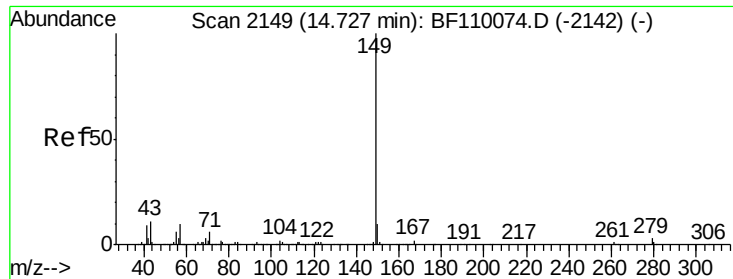


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

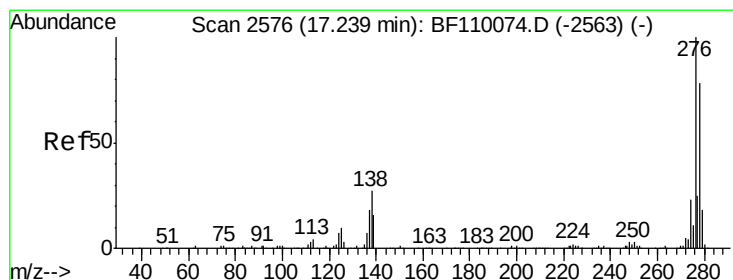
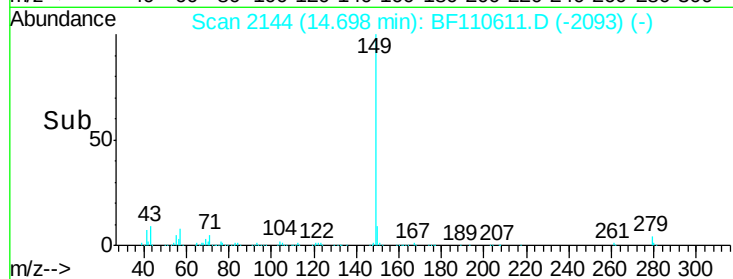
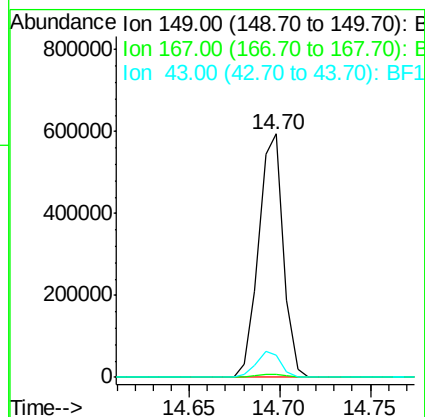
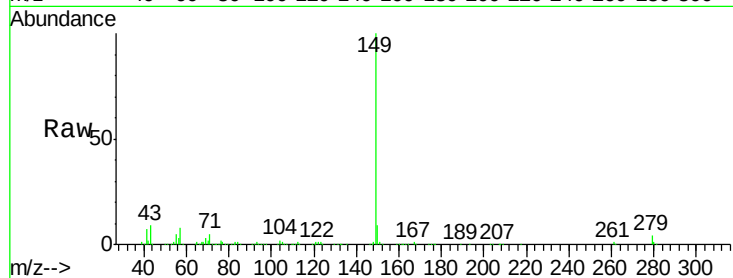




#85
Di-n-octyl phthalate
Concen: 61.66 ng
RT: 14.70 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

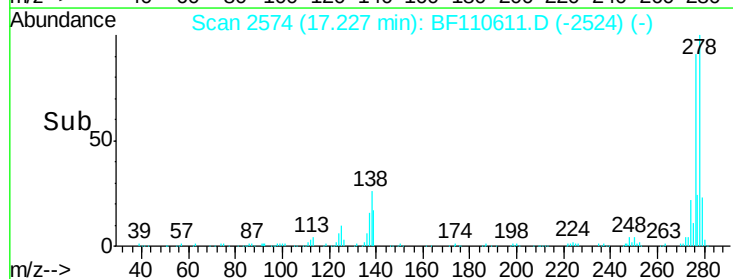
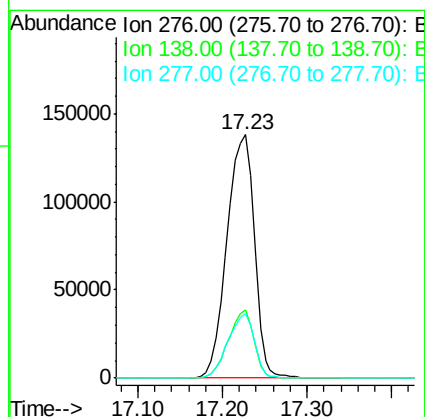
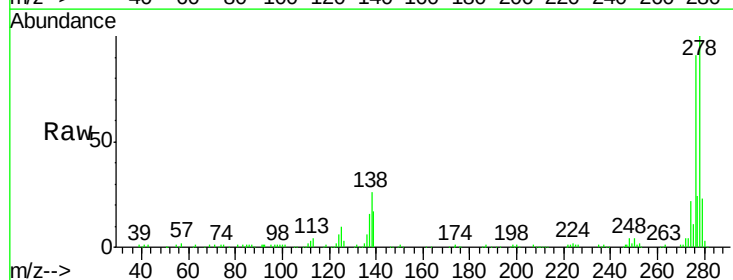
Instrument :
BNA_F
ClientSampleId :

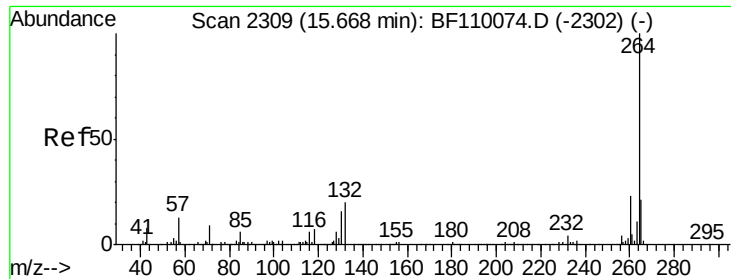
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.3	7.8	11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 50.30 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	18.5	27.7
277	25.6	20.0	30.0

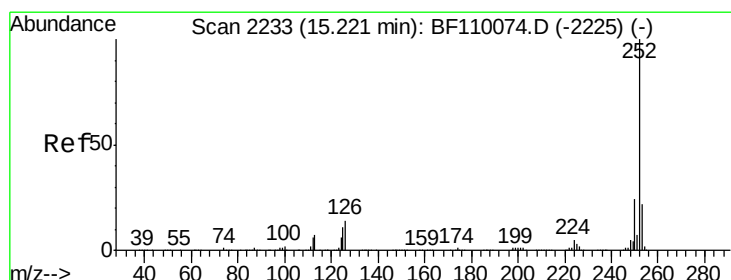
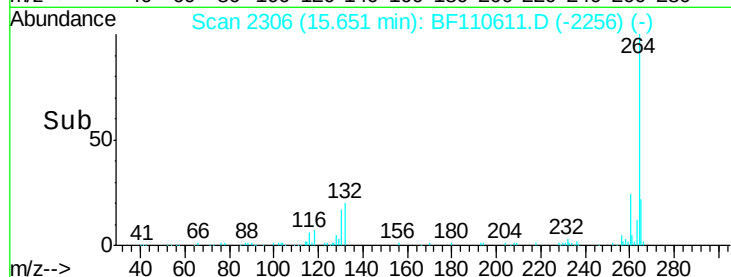
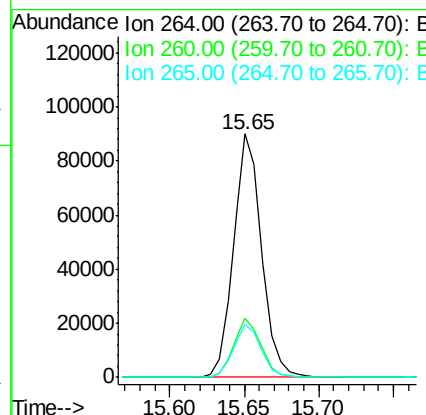
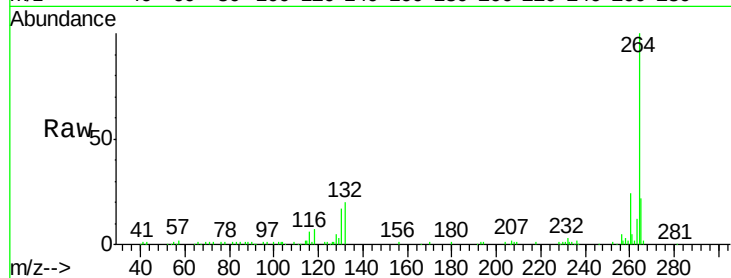




#87
Pervlene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

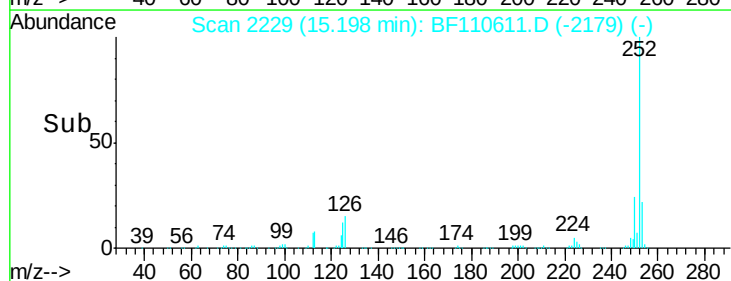
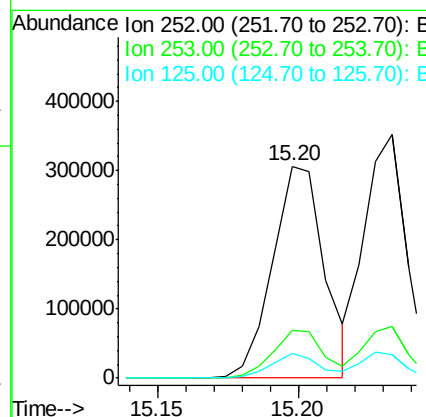
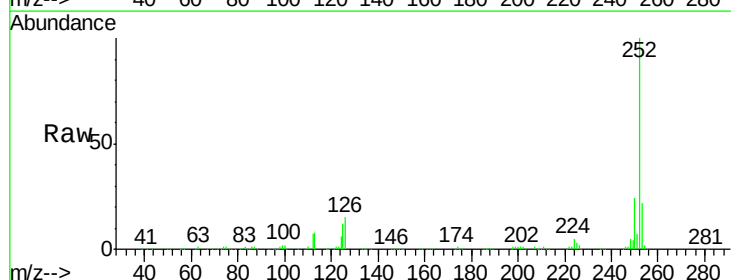
Instrument :
BNA_F
ClientSampleId :

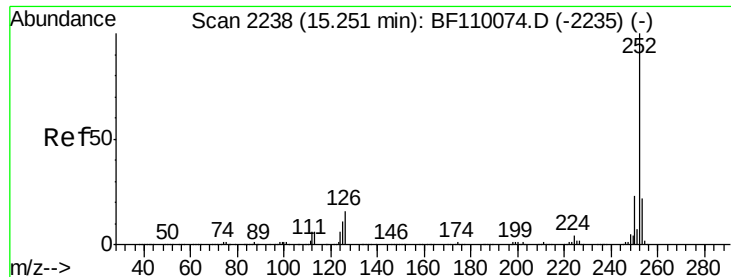
Tot Ion:264 Resp: 118319
Ion Ratio Lower Upper
264 100
260 24.4 18.7 28.1
265 21.9 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 55.24 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion:252 Resp: 391019
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 11.7 8.2 12.4

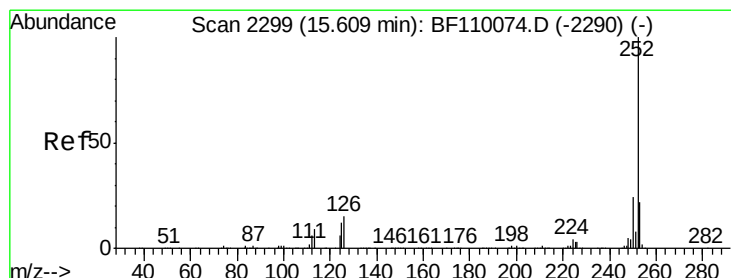
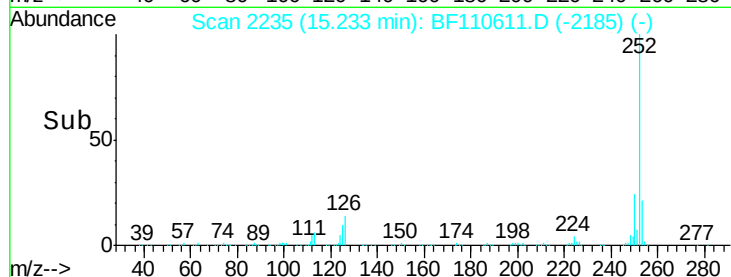
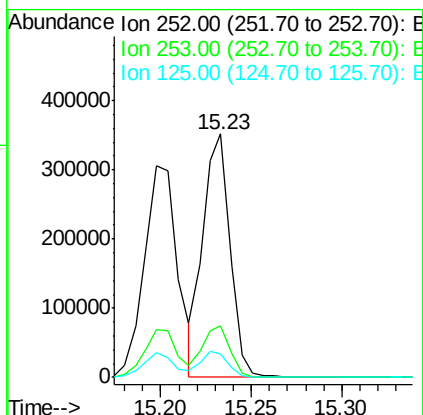
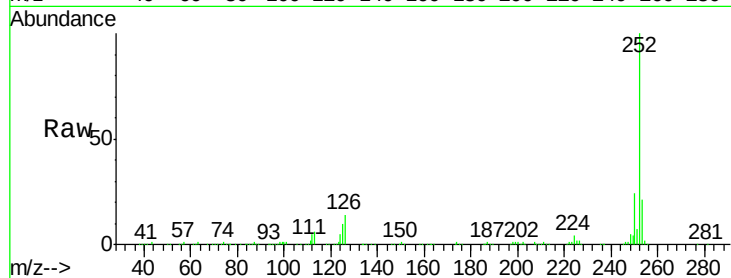




#89
Benzo(k)fluoranthene
Concen: 51.92 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

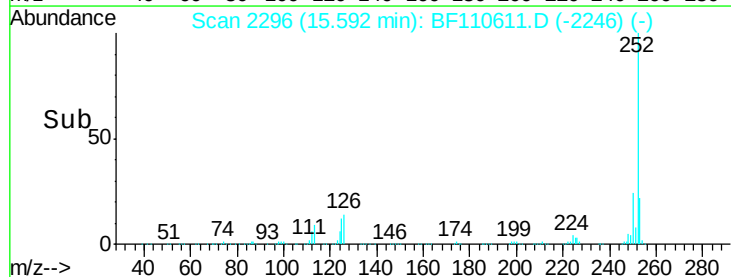
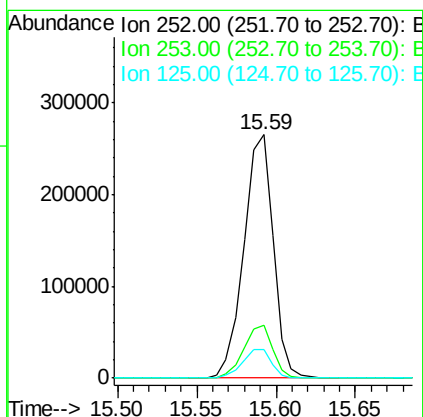
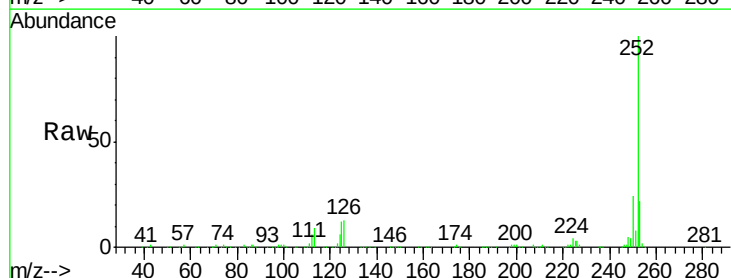
Instrument :
BNA_F
ClientSampleId :

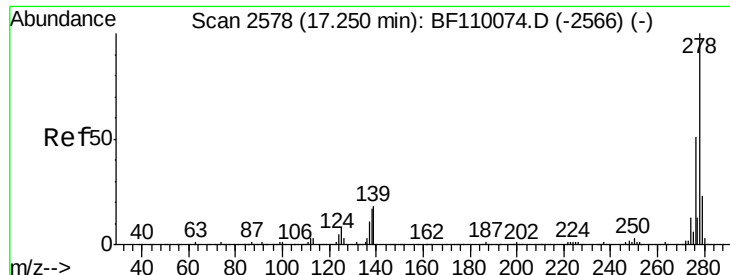
Tot Ion:252 Resp: 363163
Ion Ratio Lower Upper
252 100
253 21.2 17.2 25.8
125 9.5 7.4 11.0



#90
Benzo(a)pyrene
Concen: 53.34 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion:252 Resp: 343016
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 11.6 9.0 13.6



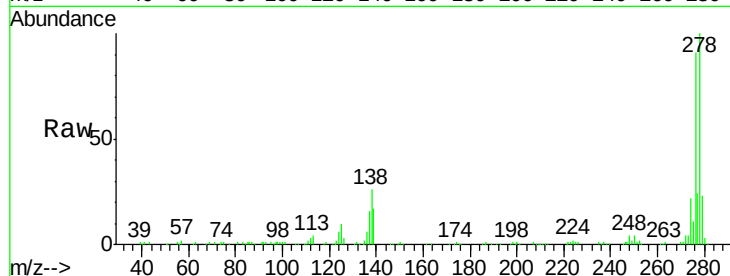


#91
Dibenzo(a,h)anthracene
Concen: 48.20 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.02 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

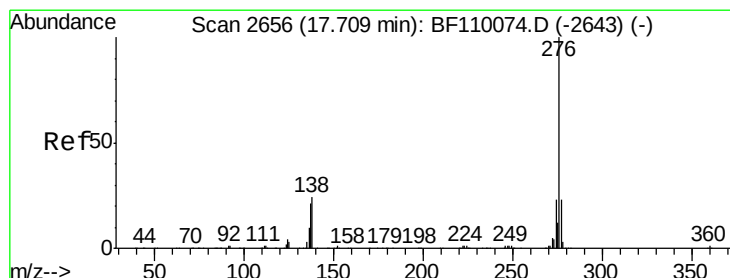
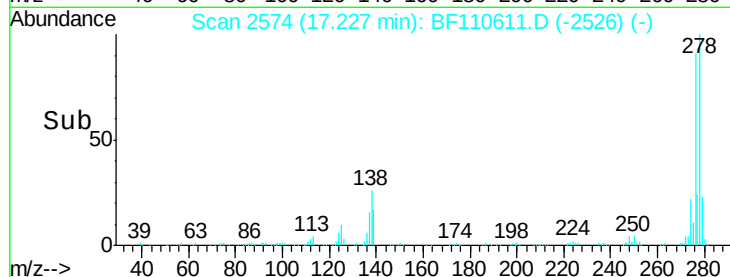
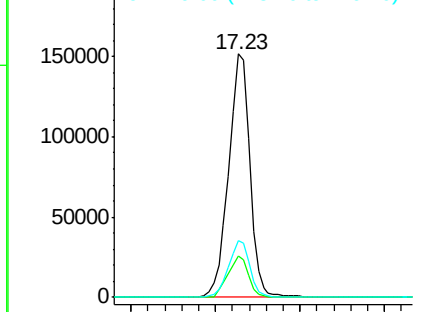
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 262313

Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.7	19.1
279	23.3	19.0	28.4



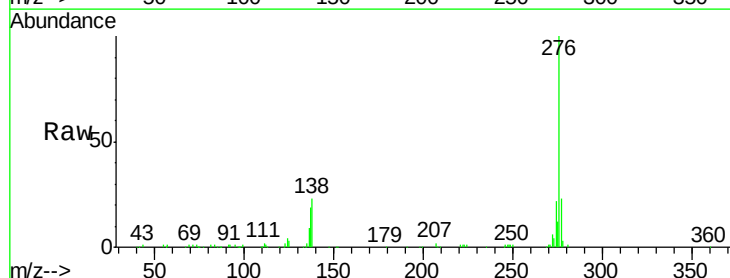
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.84 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.01 min
Lab File: BF110611.D
Acq: 9 Nov 2018 4:05

Tgt Ion:276 Resp: 252909

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.8	28.2
138	22.5	16.0	24.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

