

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111047.D
 Acq On : 28 Nov 2018 16:02
 Operator : JU/SJ
 Sample : J6083-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 10:31:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 10:23:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	60485	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	248629	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	117450	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	200387	20.00	ng	0.00
76) Chrysene-d12	14.13	240	116743	20.00	ng	0.00
87) Perylene-d12	15.66	264	119251	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	514165	140.97	ng	0.01
7) Phenol-d6	6.57	99	659631	138.78	ng	0.00
23) Nitrobenzene-d5	7.50	82	422413	97.23	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	149955	128.56	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	711334	87.74	ng	0.00
79) Terphenyl-d14	13.05	244	542149	90.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.81	88	57231	32.752	ng	# 86
3) Pyridine	3.60	79	162668	42.512	ng	# 86
4) n-Nitrosodimethylamine	3.57	42	83530	47.707	ng	# 89
6) Aniline	6.61	93	197910	33.682	ng	# 56
8) 2-Chlorophenol	6.72	128	198542	45.931	ng	# 98
9) Benzaldehyde	6.50	77	119144	50.144	ng	# 99
10) Phenol	6.59	94	274830	51.342	ng	# 66
11) bis(2-Chloroethyl)ether	6.67	93	176317	43.721	ng	# 94
12) 1,3-Dichlorobenzene	6.87	146	203854	42.928	ng	# 97
13) 1,4-Dichlorobenzene	6.95	146	211113	43.232	ng	# 98
14) 1,2-Dichlorobenzene	7.10	146	199892	43.492	ng	# 99
15) Benzyl Alcohol	7.08	79	165995	45.443	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	282438	44.007	ng	# 93
17) 2-Methylphenol	7.19	107	161089	46.871	ng	# 86
18) Hexachloroethane	7.43	117	77647	43.226	ng	# 92
19) n-Nitroso-di-n-propylamine	7.35	70	138535	44.744	ng	# 97
20) 3+4-Methylphenols	7.35	107	207787	45.481	ng	# 65
22) Acetophenone	7.35	105	276436	47.434	ng	# 93
24) Nitrobenzene	7.52	77	207732	45.981	ng	# 96
25) Isophorone	7.76	82	375771	52.731	ng	# 97
26) 2-Nitrophenol	7.84	139	104198	47.473	ng	# 95
27) 2,4-Dimethylphenol	7.87	122	178777	53.936	ng	# 99
28) bis(2-Chloroethoxy)methane	7.96	93	234644	49.149	ng	# 98
29) 2,4-Dichlorophenol	8.08	162	166940	48.130	ng	# 99
30) 1,2,4-Trichlorobenzene	8.16	180	175061	45.036	ng	# 98
31) Naphthalene	8.24	128	572578	49.129	ng	# 99
32) Benzoic acid	7.87	122	178777	72.545	ng	# 11
33) 4-Chloroaniline	8.30	127	90276	18.199	ng	# 98
34) Hexachlorobutadiene	8.34	225	96489	43.582	ng	# 99
35) Caprolactam	8.67	113	51164	43.207	ng	# 91
36) 4-Chloro-3-methylphenol	8.78	107	180728	46.895	ng	# 97
37) 2-Methylnaphthalene	8.93	142	387264	50.307	ng	# 99
38) 1-Methylnaphthalene	9.03	142	363356	48.527	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	165404	44.768	ng	# 99

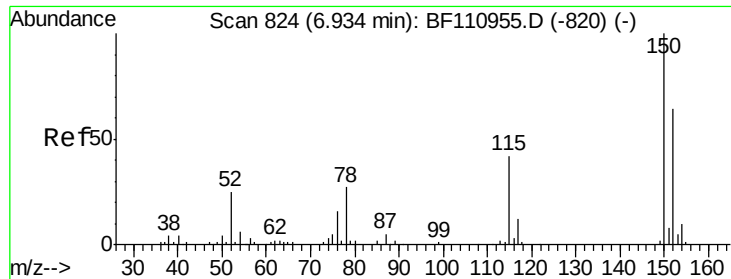
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
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 QLast Update : Thu Nov 29 10:23:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	39347	67.787	ng	98
43) 2,4,6-Trichlorophenol	9.22	196	96271	43.628	ng	97
44) 2,4,5-Trichlorophenol	9.26	196	109660	47.196	ng	96
46) 1,1'-Biphenyl	9.39	154	472790	43.663	ng	99
47) 2-Chloronaphthalene	9.42	162	357124	45.487	ng	99
48) 2-Nitroaniline	9.53	65	114449	46.605	ng	94
49) Acenaphthylene	9.84	152	540881	48.448	ng	99
50) Dimethylphthalate	9.69	163	450672	52.320	ng	99
51) 2,6-Dinitrotoluene	9.77	165	90308	47.094	ng #	89
52) Acenaphthene	10.01	154	330159	46.131	ng	98
53) 3-Nitroaniline	9.95	138	71524	32.002	ng	95
54) 2,4-Dinitrophenol	10.12	184	2024	6.566	ng #	1
55) Dibenzofuran	10.18	168	470223	45.036	ng	99
56) 4-Nitrophenol	10.12	139	57772	48.273	ng #	88
57) 2,4-Dinitrotoluene	10.19	165	113402	45.581	ng	96
58) Fluorene	10.53	166	384916	47.383	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	61300	32.147	ng	97
60) Diethylphthalate	10.39	149	409225	46.069	ng	99
61) 4-Chlorophenyl-phenylether	10.51	204	185476	43.652	ng	98
62) 4-Nitroaniline	10.57	138	92285	44.347	ng	95
63) Azobenzene	10.67	77	379941	43.883	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	13477	14.218	ng	84
66) n-Nitrosodiphenylamine	10.63	169	332708	49.875	ng	97
67) 4-Bromophenyl-phenylether	11.00	248	105866	48.509	ng	93
68) Hexachlorobenzene	11.08	284	108814	46.811	ng	95
69) Atrazine	11.16	200	104971	61.146	ng	97
70) Pentachlorophenol	11.28	266	56341	60.921	ng	96
71) Phenanthrene	11.50	178	521584	49.145	ng	100
72) Anthracene	11.55	178	542798	50.221	ng	99
73) Carbazole	11.71	167	461251	43.968	ng	99
74) Di-n-butylphthalate	12.01	149	579954	47.283	ng	99
75) Fluoranthene	12.69	202	456292	41.831	ng	100
77) Benzidine	12.82	184	206549	69.171	ng	96
78) Pyrene	12.93	202	437748	51.339	ng	98
80) Butylbenzylphthalate	13.52	149	186958	48.566	ng	99
81) Benzo(a)anthracene	14.12	228	344585	49.995	ng	98
82) 3,3'-Dichlorobenzidine	14.07	252	96282	40.740	ng	100
83) Chrysene	14.16	228	328167	48.367	ng	99
84) Bis(2-ethylhexyl)phthalate	14.06	149	244264	47.619	ng	96
85) Di-n-octyl phthalate	14.68	149	412672	50.966	ng	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	374581	76.913	ng	98
88) Benzo(b)fluoranthene	15.20	252	328785	46.932	ng	98
89) Benzo(k)fluoranthene	15.23	252	319963	44.373	ng	98
90) Benzo(a)pyrene	15.60	252	325361	49.895	ng	98
91) Dibenzo(a,h)anthracene	17.26	278	314347	58.425	ng	99
92) Benzo(g,h,i)perylene	17.74	276	298917	57.621	ng	99

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

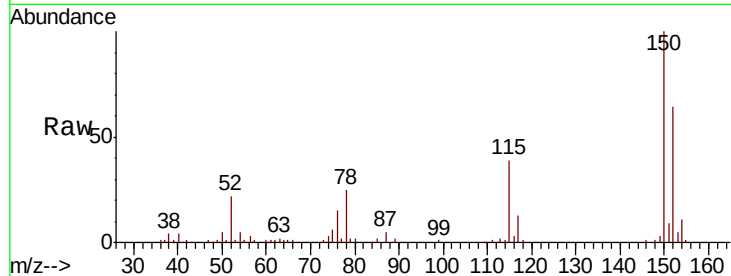


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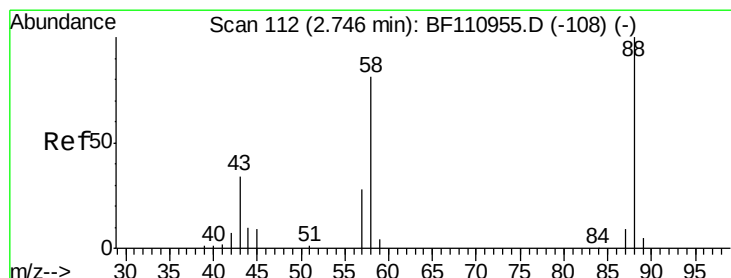
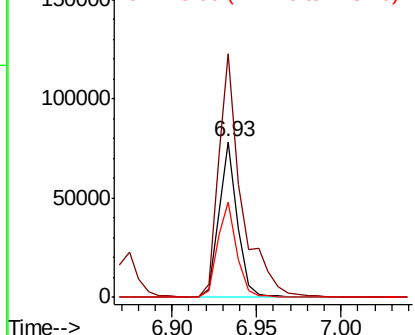
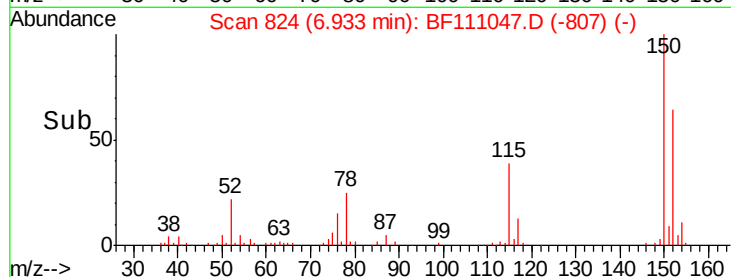
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 60485
Ion Ratio Lower Upper
152 100
150 156.5 122.7 184.1
115 61.3 49.1 73.7



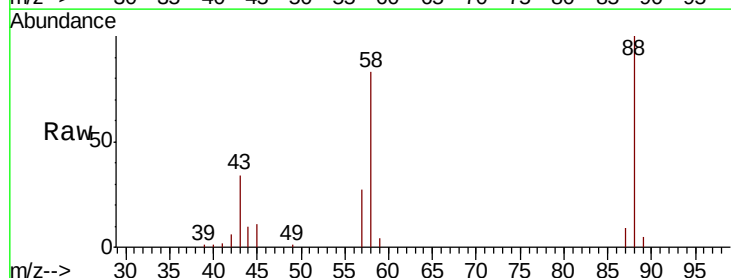
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



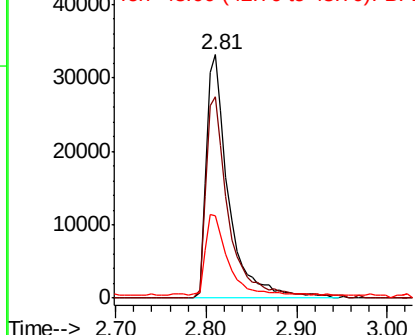
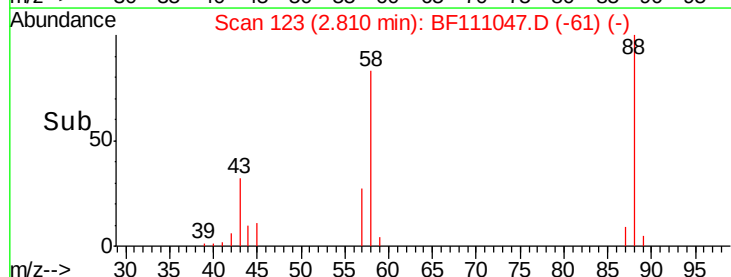
#2

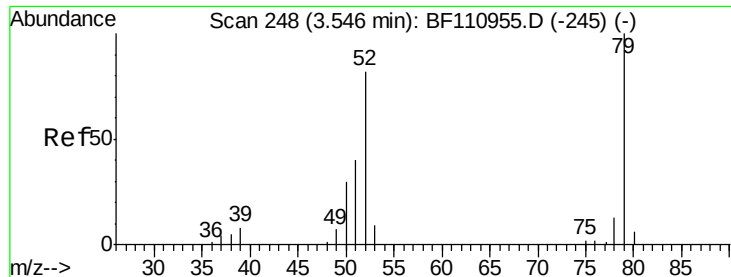
1,4-Dioxane
Concen: 32.752 ng
RT: 2.81 min Scan# 123
Delta R.T. 0.06 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion: 88 Resp: 57231
Ion Ratio Lower Upper
88 100
58 85.9 57.1 85.7#
43 32.6 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

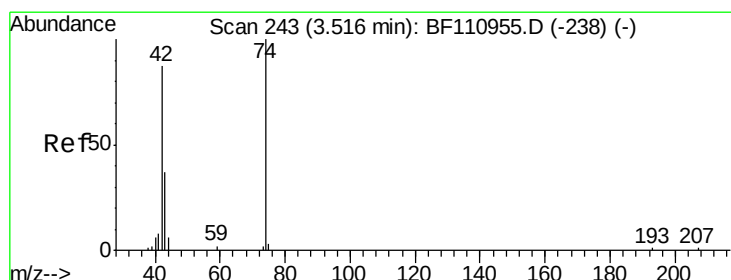
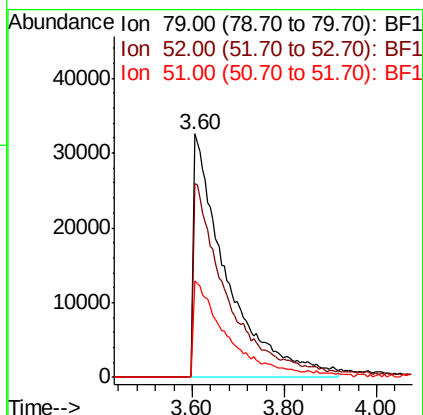
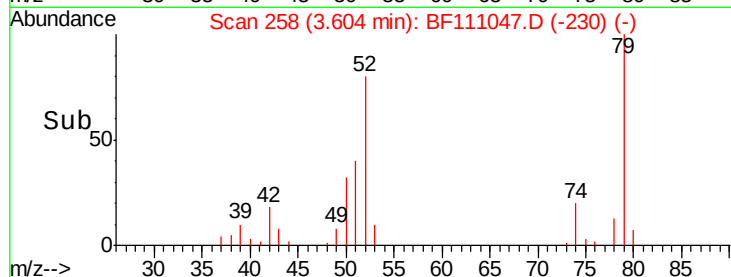
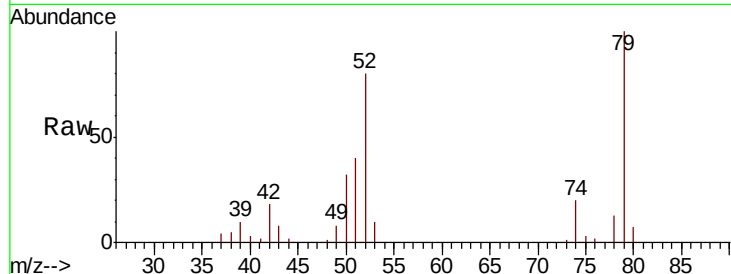




#3
 Pvridine
 Concen: 42.512 ng
 RT: 3.60 min Scan# 258
 Delta R.T. 0.06 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

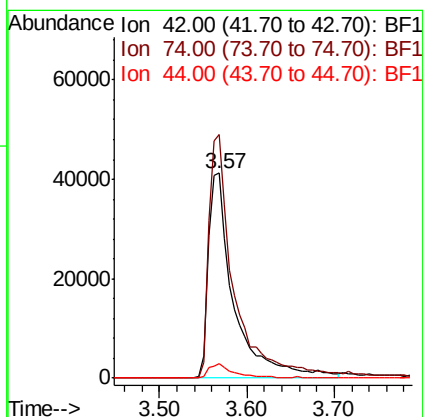
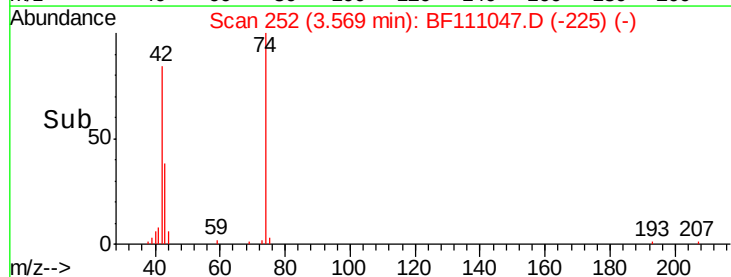
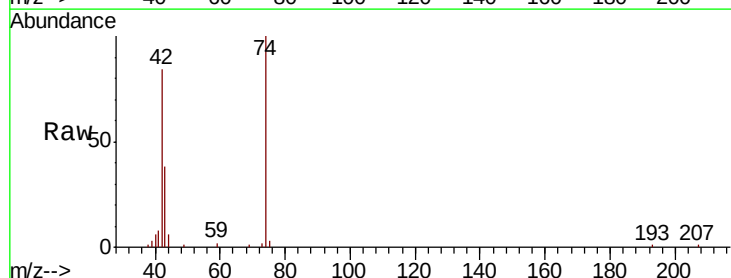
Instrument :
 BNA_F
 ClientSampleId :

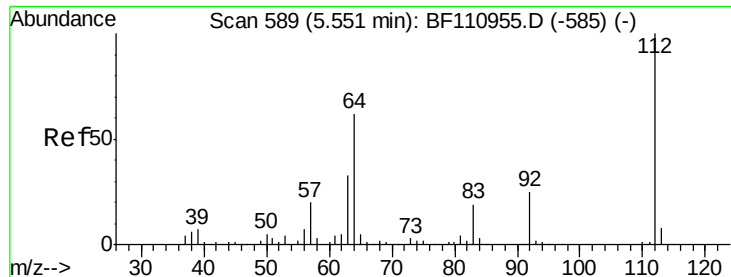
Tot Ion: 79 Resp: 162668
 Ion Ratio Lower Upper
 79 100
 52 79.8 53.1 79.7#
 51 39.8 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 47.707 ng
 RT: 3.57 min Scan# 252
 Delta R.T. 0.06 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

Tgt Ion: 42 Resp: 83530
 Ion Ratio Lower Upper
 42 100
 74 118.9 105.5 158.3
 44 7.2 4.9 7.3





#5

2-Fluorophenol

Concen: 140.969 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

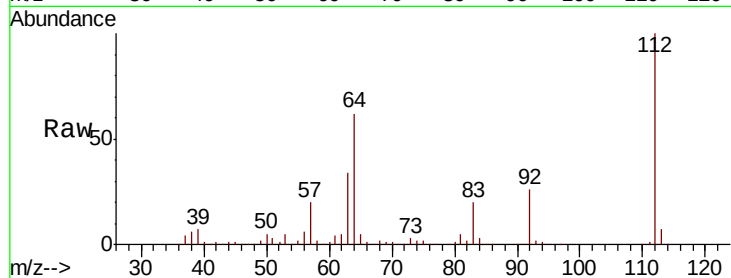
Tot Ion: 112 Resp: 514165

Ion Ratio Lower Upper

112 100

64 62.3 44.1 66.1

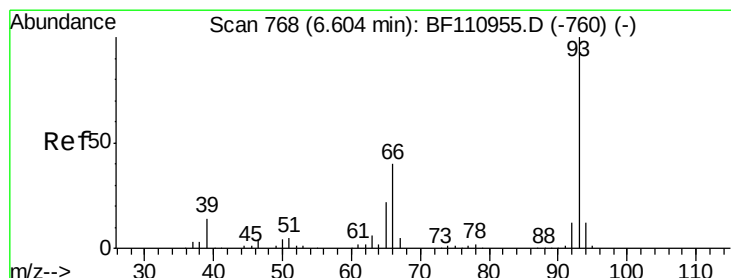
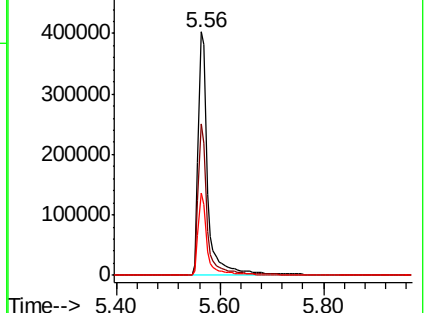
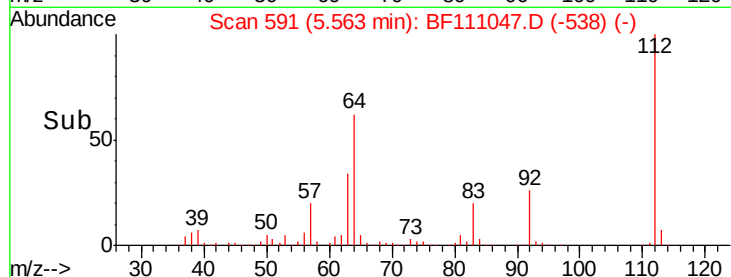
63 33.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.682 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

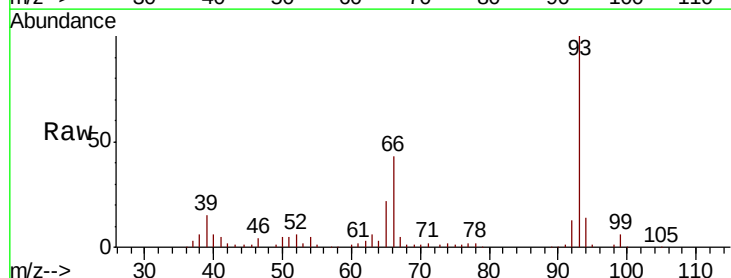
Tgt Ion: 93 Resp: 197910

Ion Ratio Lower Upper

93 100

66 43.0 67.4 101.0#

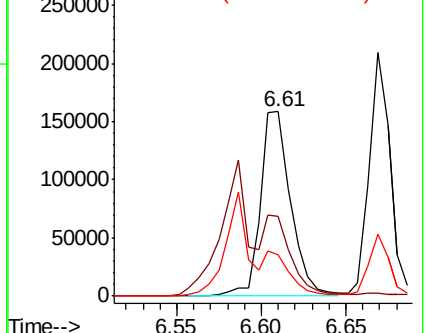
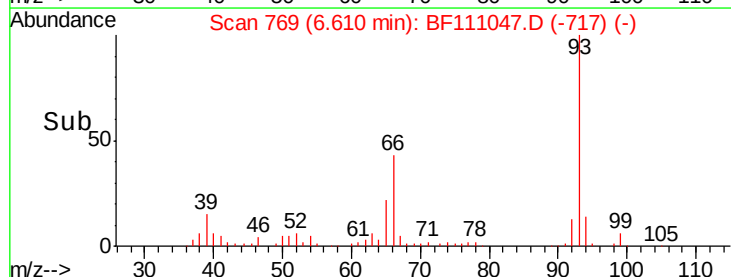
65 22.3 41.0 61.4#

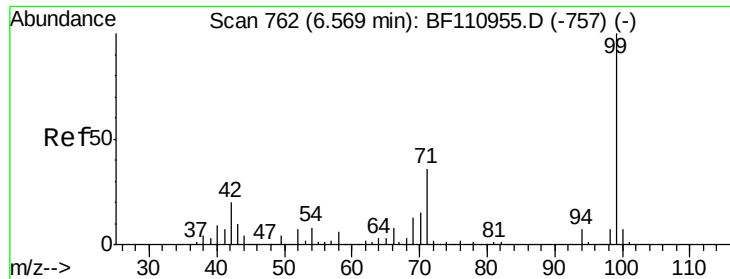


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 138.778 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

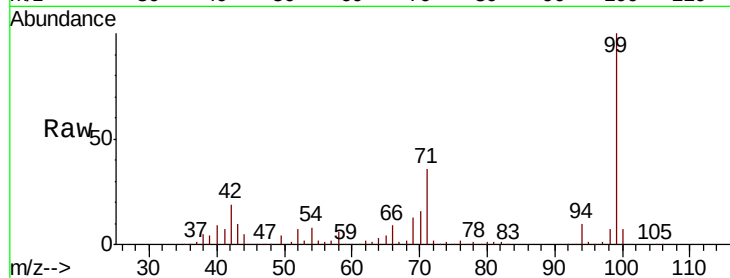
Tot Ion: 99 Resp: 659631

Ion Ratio Lower Upper

99 100

42 19.5 15.8 23.6

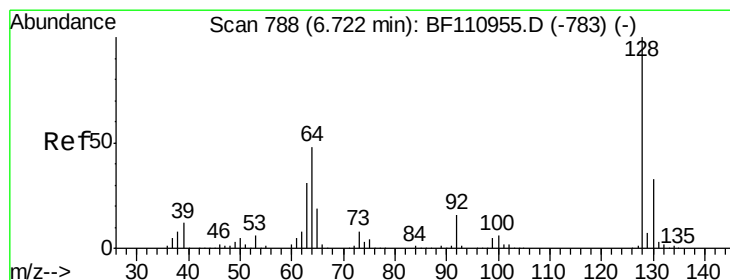
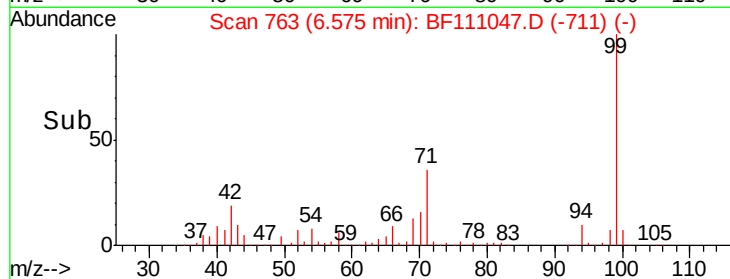
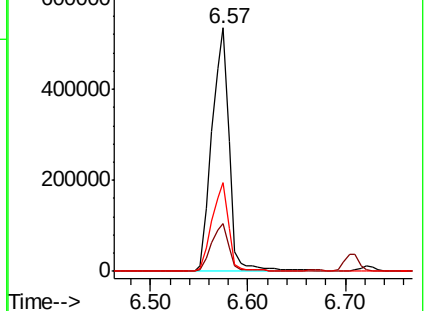
71 36.3 28.0 42.0



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: 45.931 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

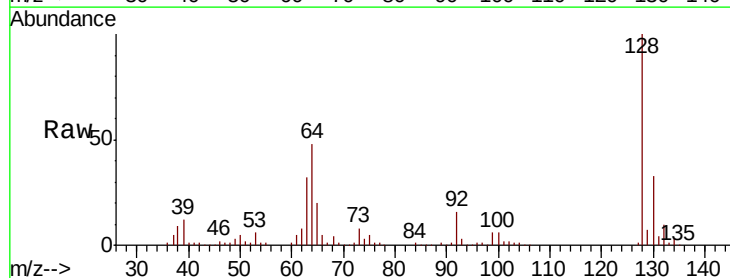
Tgt Ion:128 Resp: 198542

Ion Ratio Lower Upper

128 100

130 32.6 13.1 53.1

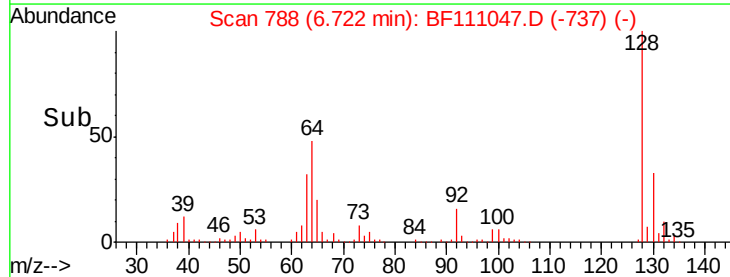
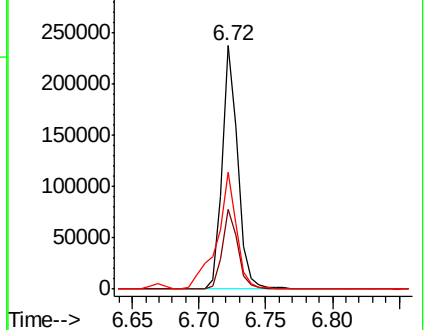
64 48.2 26.0 66.0

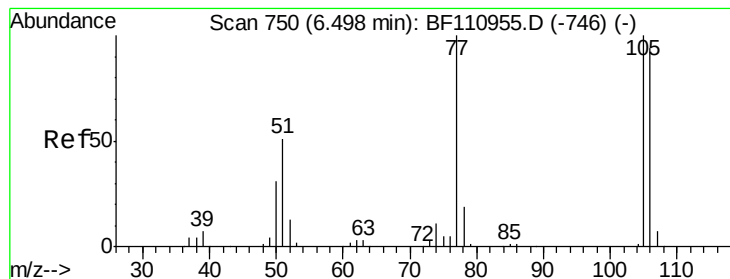


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 50.144 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

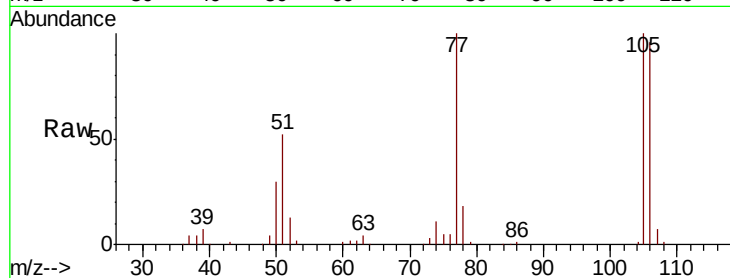
Tot Ion: 77 Resp: 119144

Ion Ratio Lower Upper

77 100

105 100.1 78.6 118.6

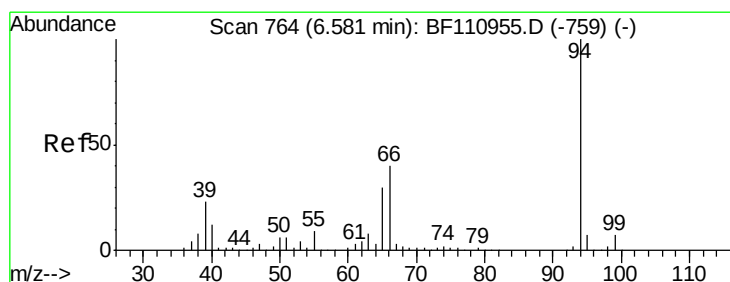
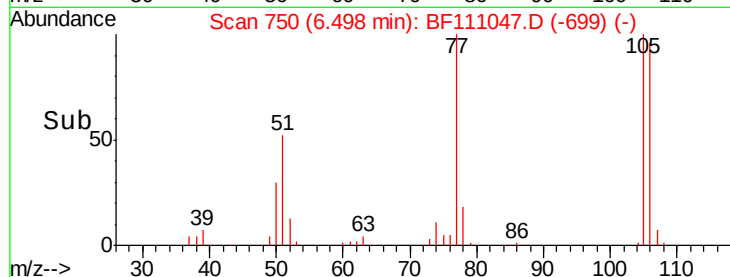
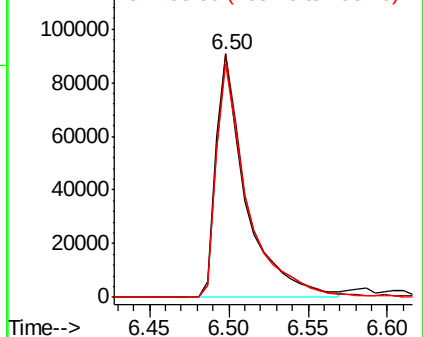
106 96.0 74.8 114.8



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: 51.342 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

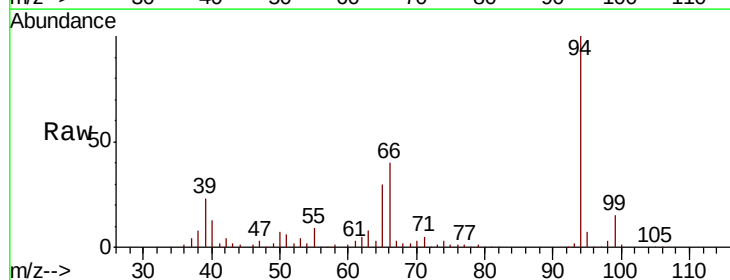
Tgt Ion: 94 Resp: 274830

Ion Ratio Lower Upper

94 100

65 30.1 25.3 65.3

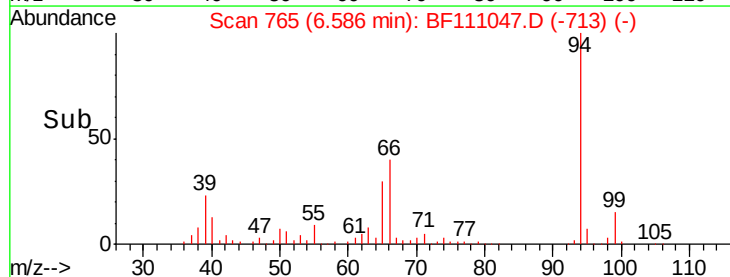
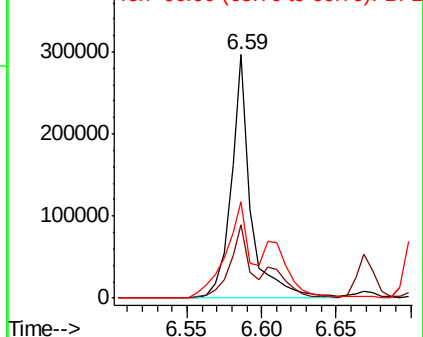
66 39.6 54.5 94.5#

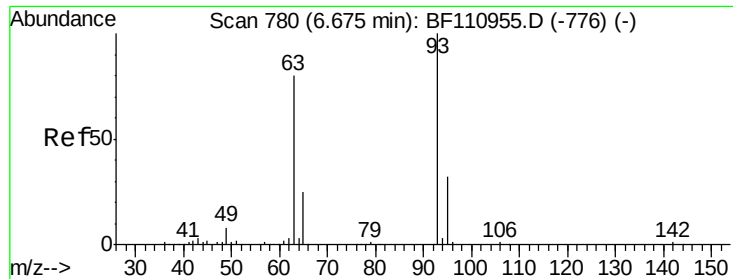


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

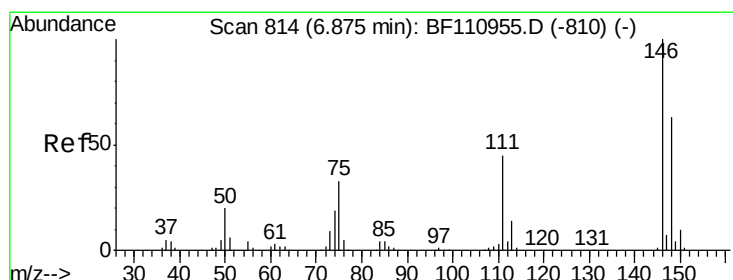
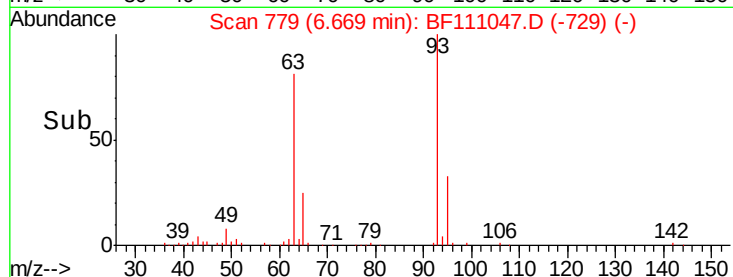
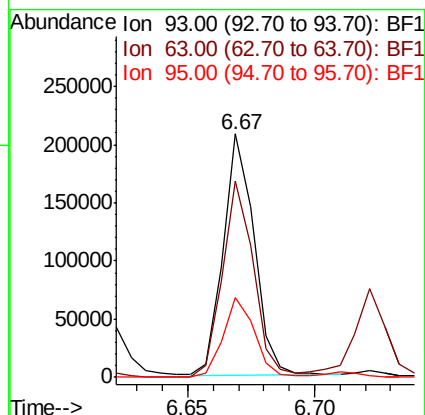
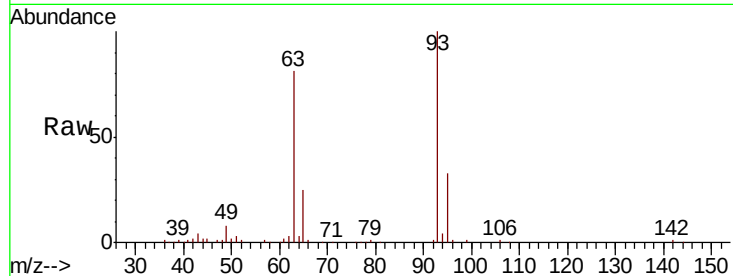




#11
bis(2-Chloroethyl)ether
Concen: 43.721 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

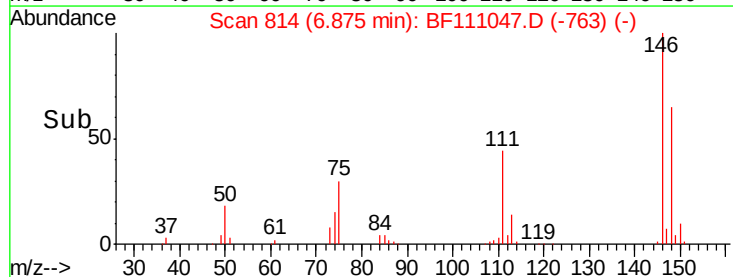
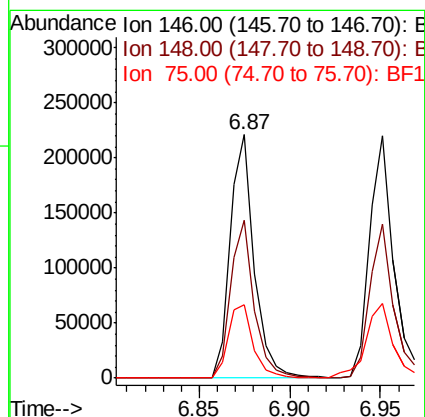
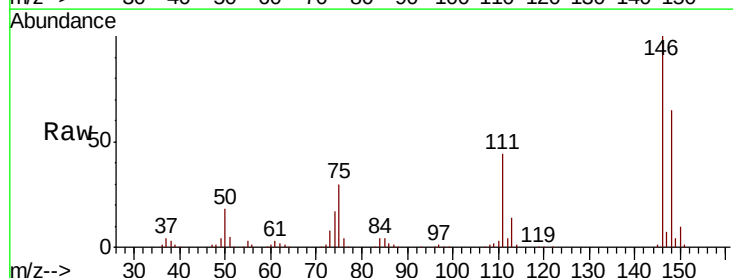
Instrument :
BNA_F
ClientSampled :

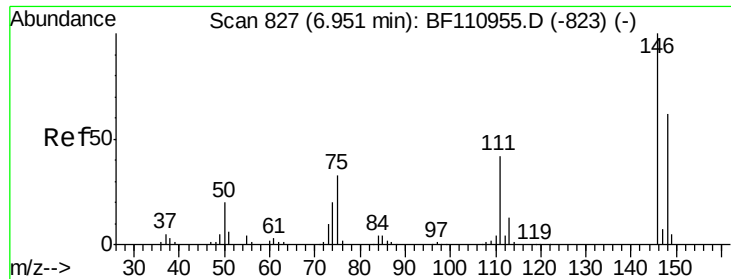
Tot Ion: 93 Resp: 176317
Ion Ratio Lower Upper
93 100
63 80.6 53.4 93.4
95 32.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 42.928 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion: 146 Resp: 203854
Ion Ratio Lower Upper
146 100
148 64.6 50.4 75.6
75 30.1 25.8 38.6

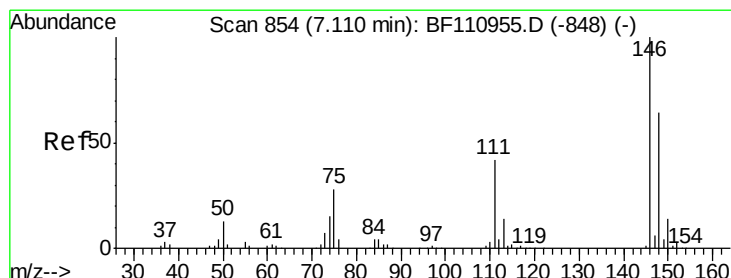
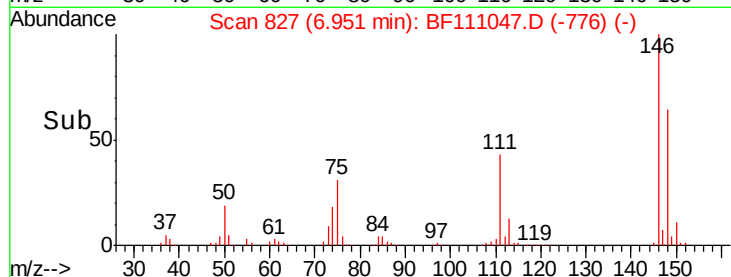
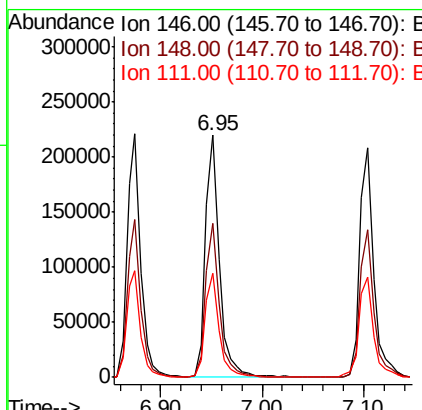
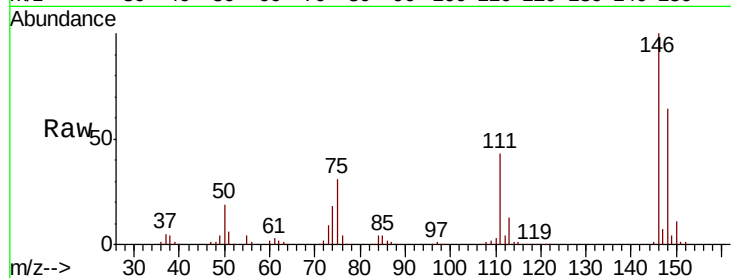




#13
 1,4-Dichlorobenzene
 Concen: 43.232 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

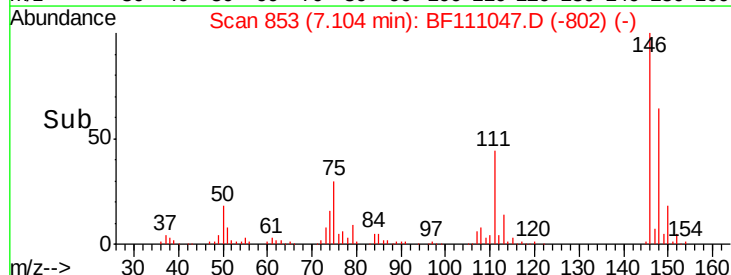
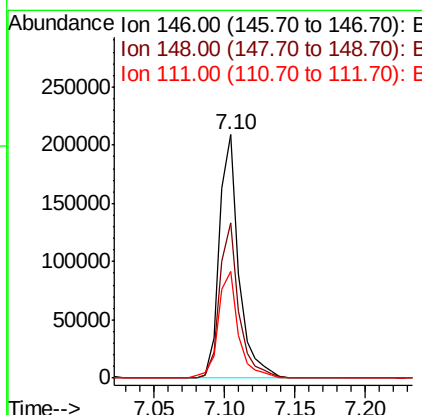
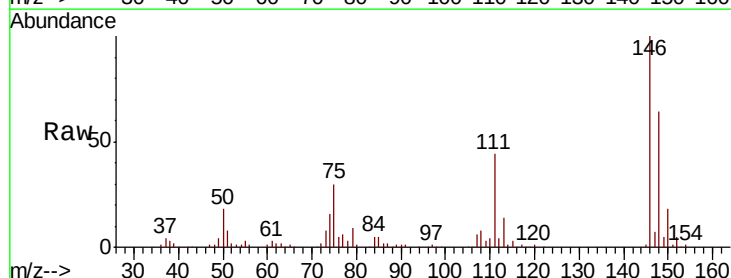
Instrument :
 BNA_F
 ClientSampled :

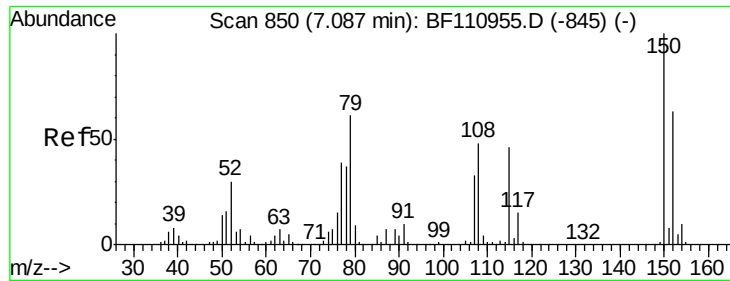
Tot Ion:146 Resp: 211113
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.3 75.5
 111 43.2 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 43.492 ng
 RT: 7.10 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

Tgt Ion:146 Resp: 199892
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 43.8 35.8 53.6

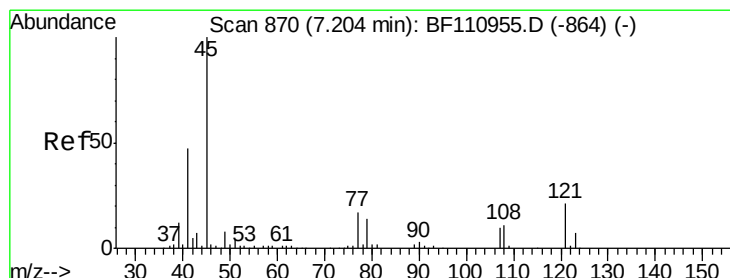
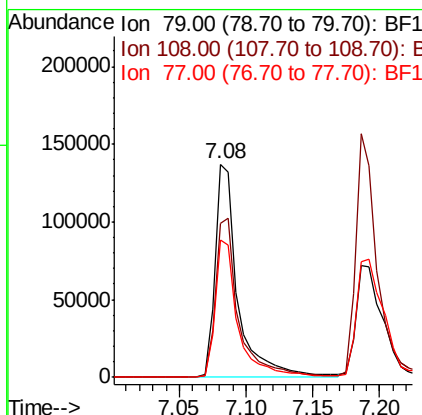
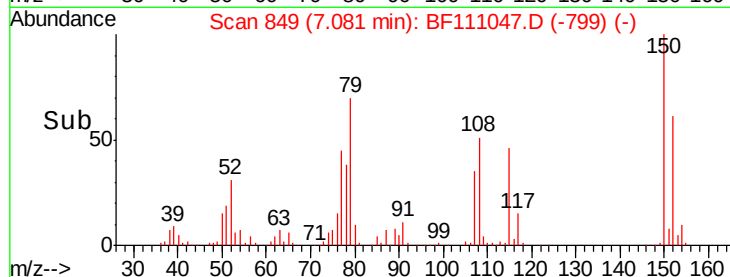
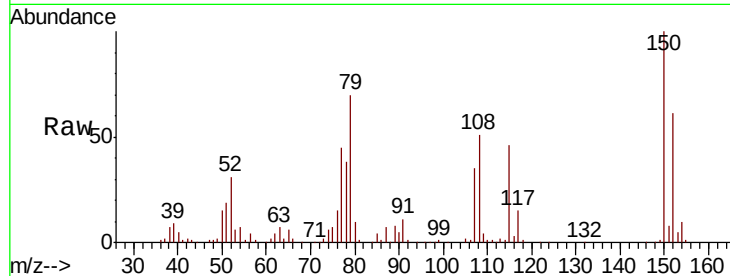




#15
Benzyl Alcohol
Concen: 45.443 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

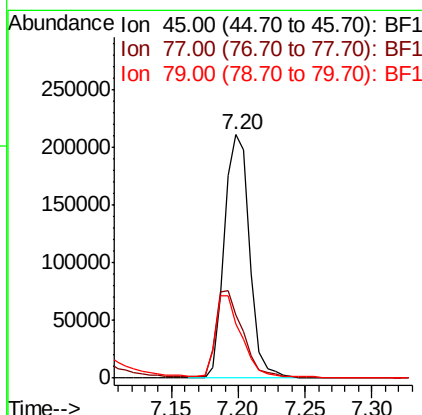
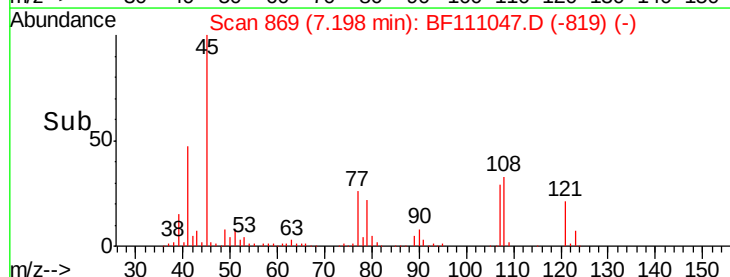
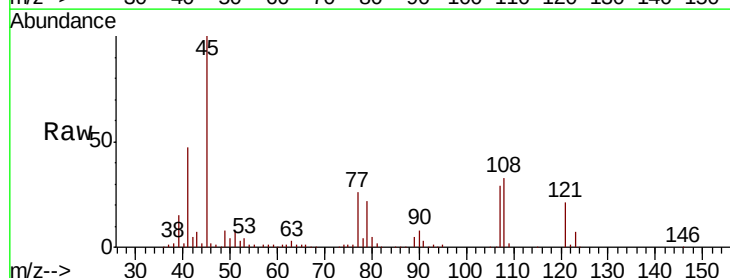
Instrument :
BNA_F
ClientSampleId :

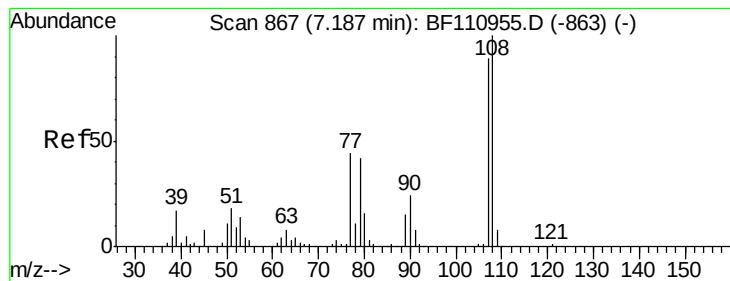
Tot Ion: 79 Resp: 165995
Ion Ratio Lower Upper
79 100
108 72.6 56.3 84.5
77 64.7 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.007 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion: 45 Resp: 282438
Ion Ratio Lower Upper
45 100
77 25.8 10.0 50.0
79 22.4 6.1 46.1

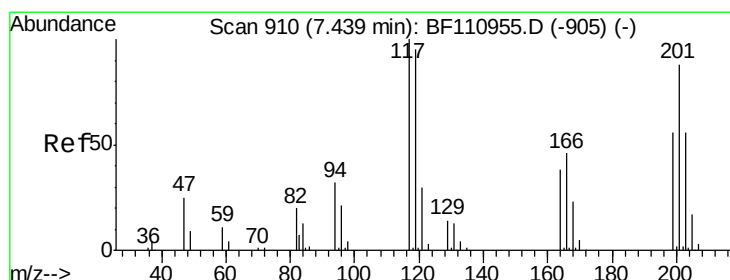
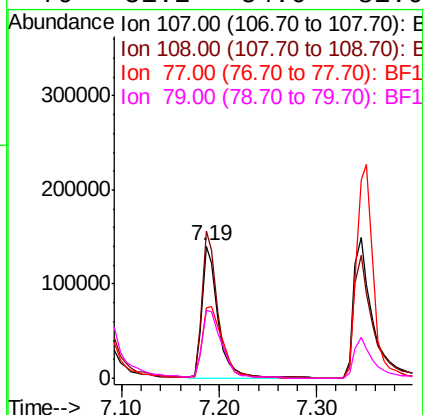
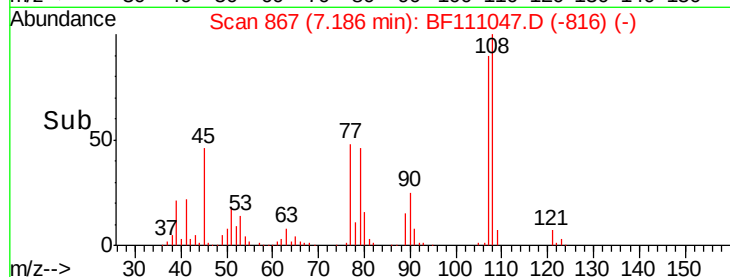
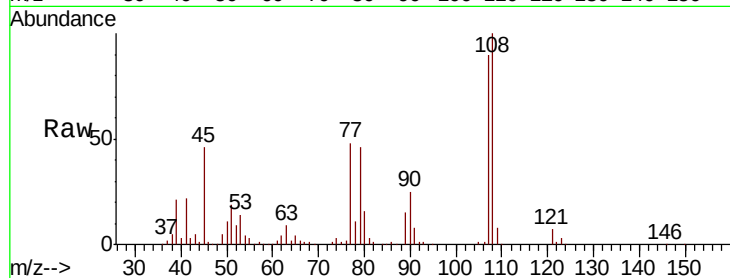




#17
2-Methylphenol
Concen: 46.871 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

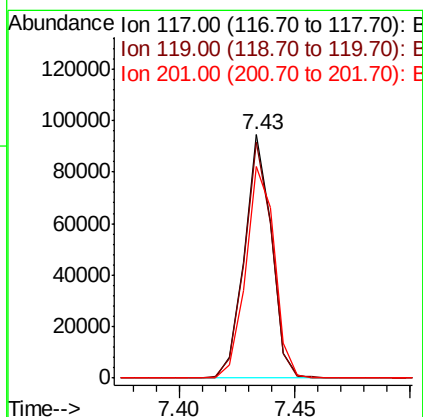
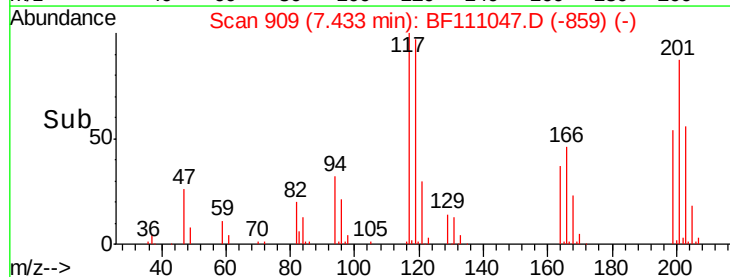
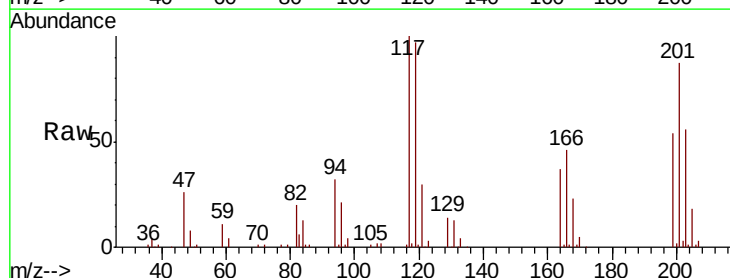
Instrument :
BNA_F
ClientSampleId :

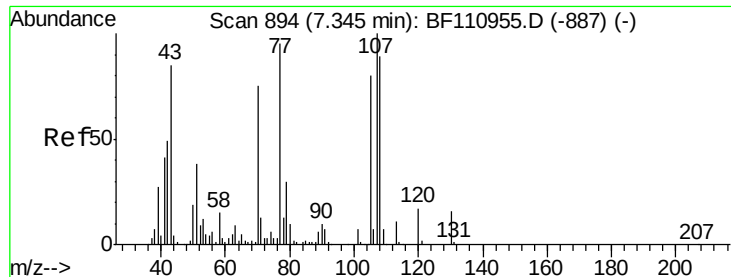
Tot Ion:107 Resp: 161089
Ion Ratio Lower Upper
107 100
108 111.6 92.6 138.8
77 53.1 59.4 89.2#
79 51.2 54.0 81.0#



#18
Hexachloroethane
Concen: 43.226 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion:117 Resp: 77647
Ion Ratio Lower Upper
117 100
119 96.7 75.0 112.6
201 86.9 79.2 118.8

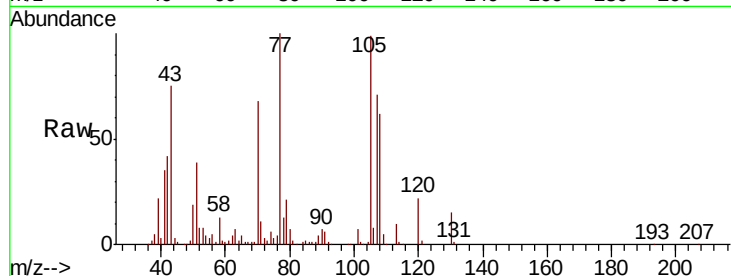




#19
n-Nitroso-di-n-propylamine
Concen: 44.744 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.5	47.4	71.2
101	9.8	7.3	10.9
130	21.8	16.2	24.2



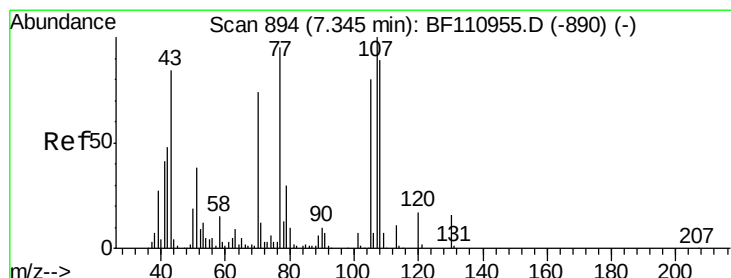
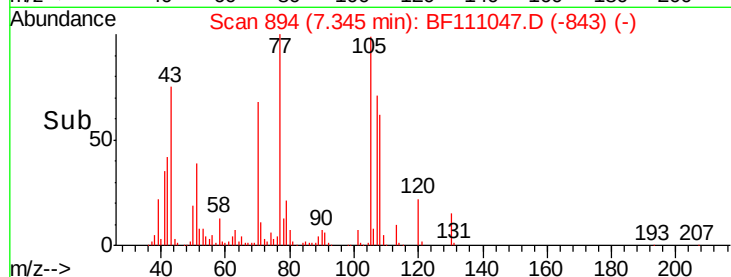
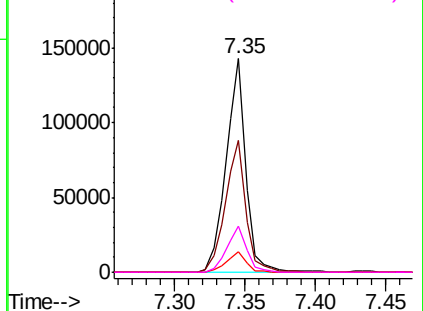
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 45.481 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	71.4	111.4
77	140.3	47.3	87.3#
79	28.9	10.9	50.9

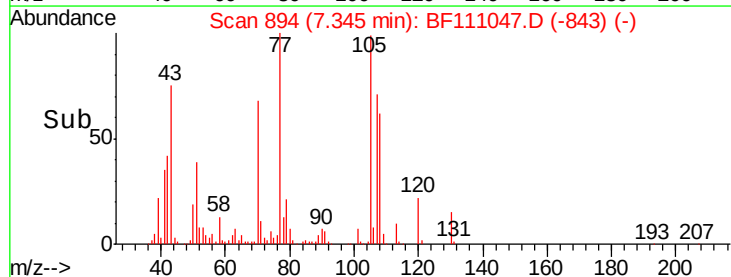
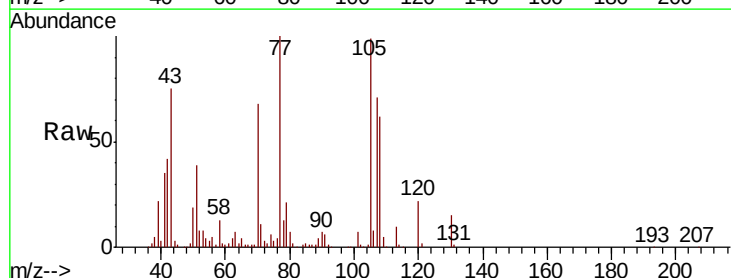
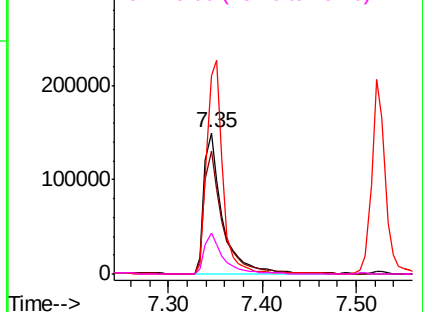
Abundance

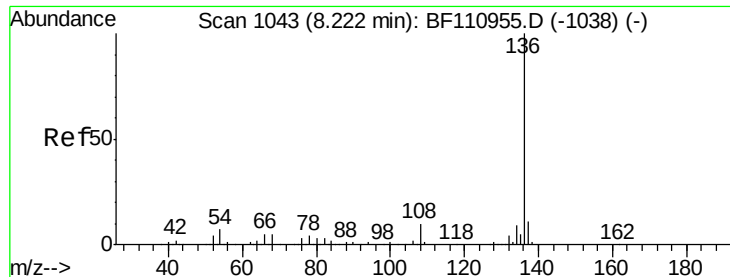
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 248629

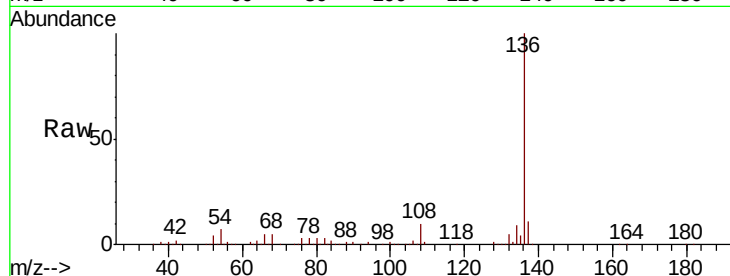
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.3 5.4 8.2

68 4.9 4.2 6.2

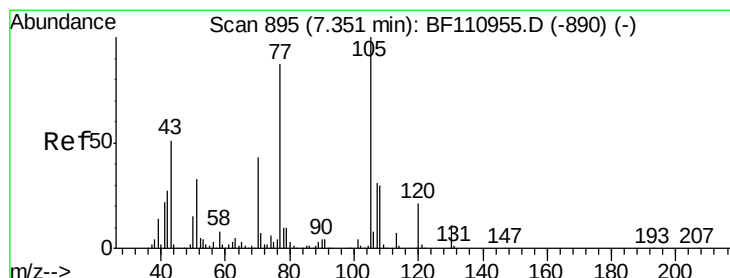
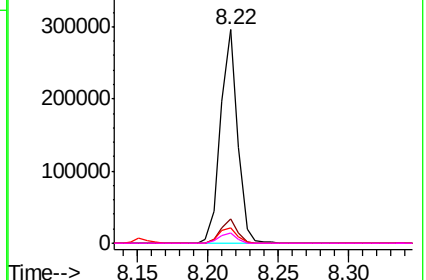
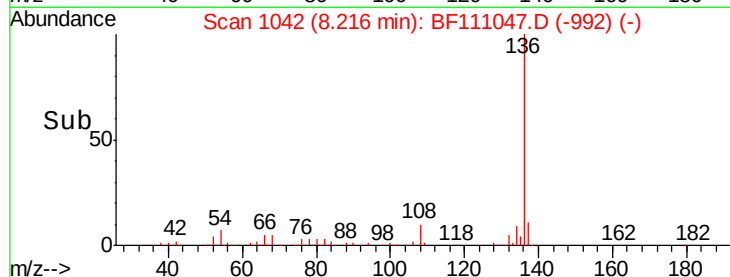


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.434 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

Tgt Ion:105 Resp: 276436

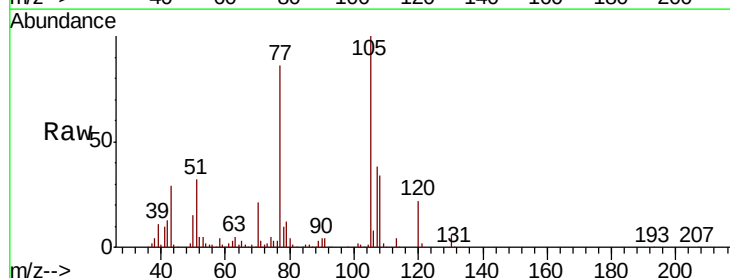
Ion Ratio Lower Upper

105 100

71 3.1 5.2 7.8#

51 32.5 21.8 32.8

120 21.8 17.0 25.4

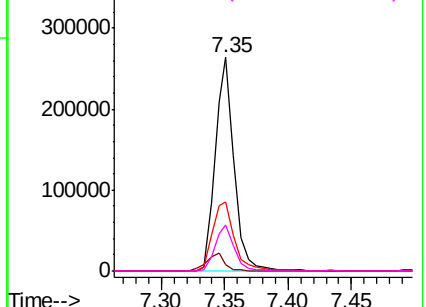
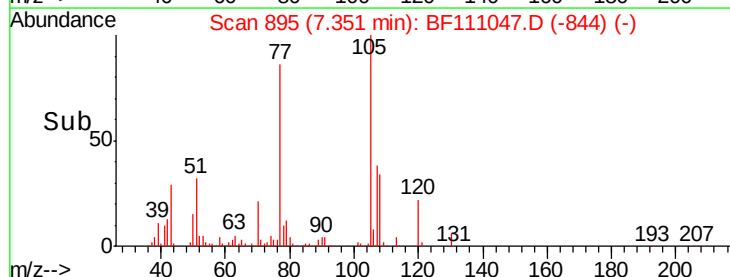


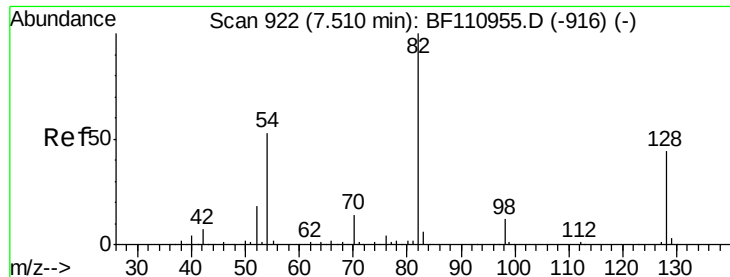
Abundance Ion 105.00 (104.70 to 105.70): E

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

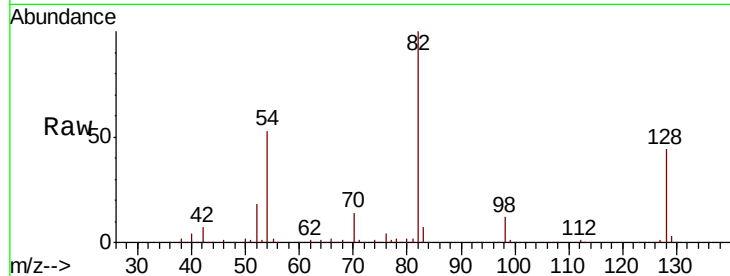




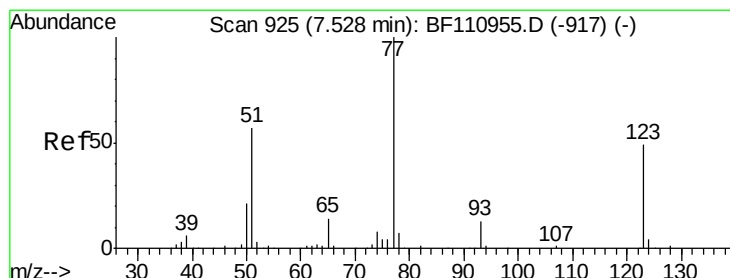
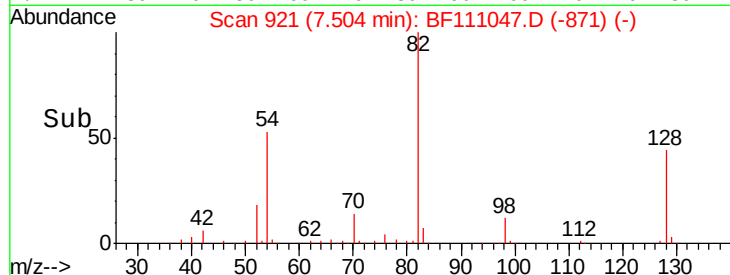
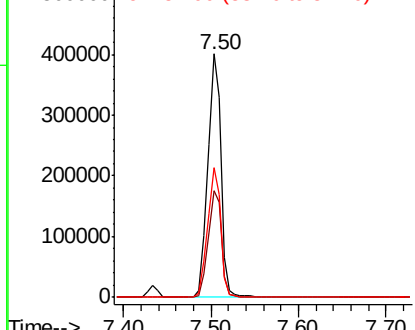
#23
Nitrobenzene-d5
Concen: 97.233 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 422413
Ion Ratio Lower Upper
82 100
128 43.6 34.2 51.2
54 53.1 38.6 58.0

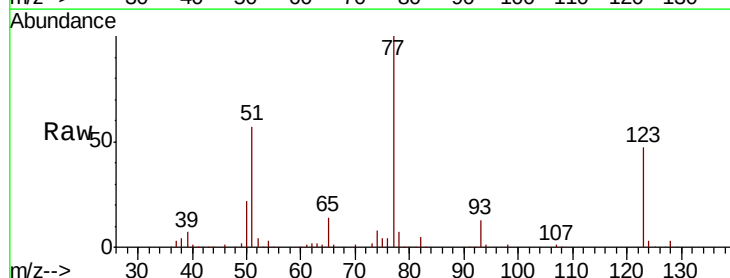


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

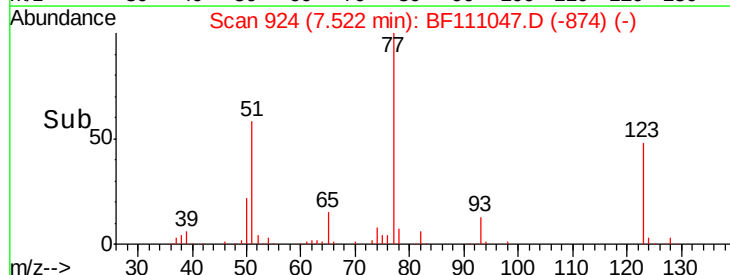
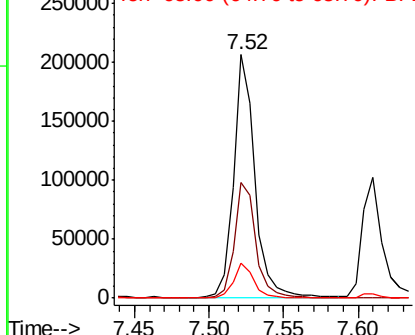


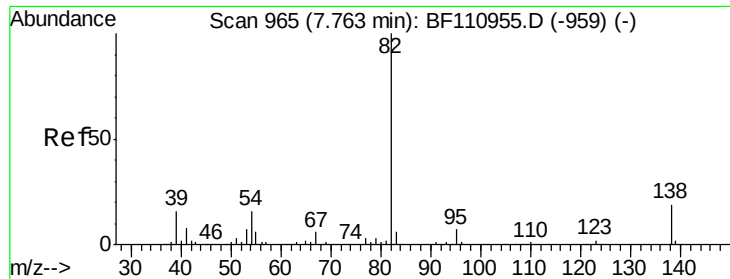
#24
Nitrobenzene
Concen: 45.981 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion: 77 Resp: 207732
Ion Ratio Lower Upper
77 100
123 47.3 35.7 53.5
65 14.5 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 52.731 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

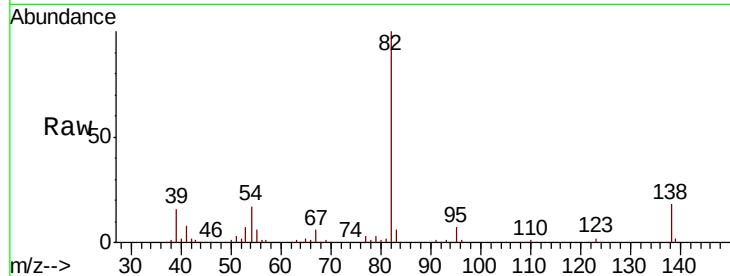
Tot Ion: 82 Resp: 375771

Ion Ratio Lower Upper

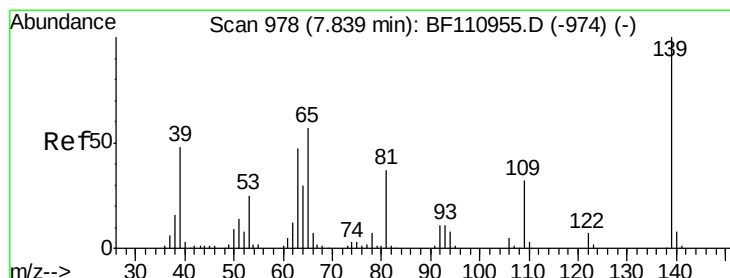
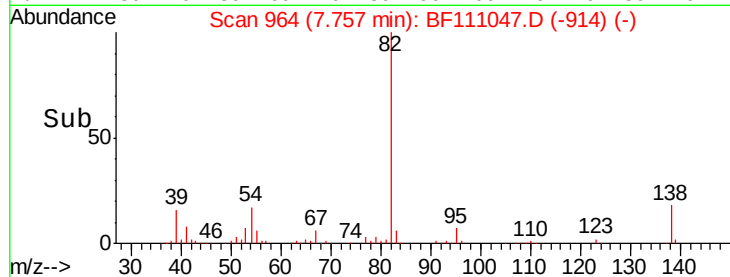
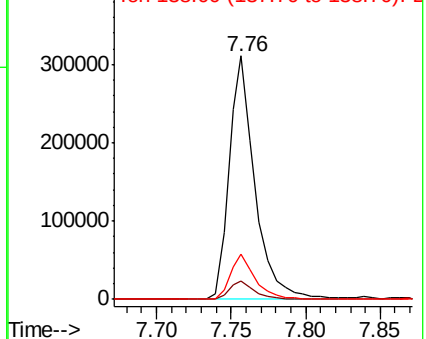
82 100

95 7.4 5.7 8.5

138 18.3 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.473 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

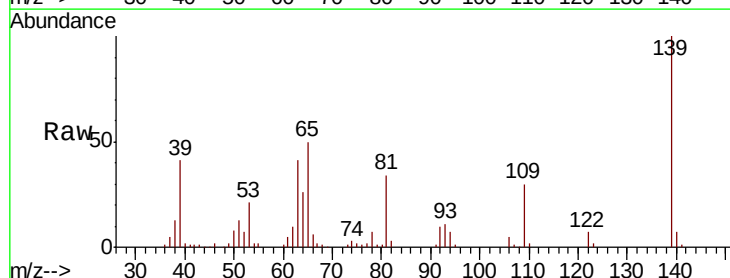
Tgt Ion: 139 Resp: 104198

Ion Ratio Lower Upper

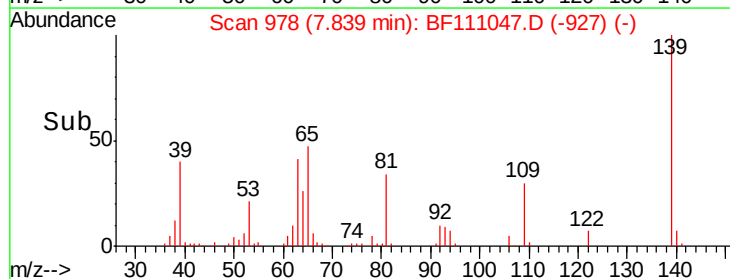
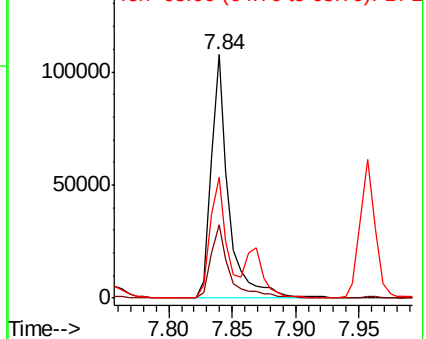
139 100

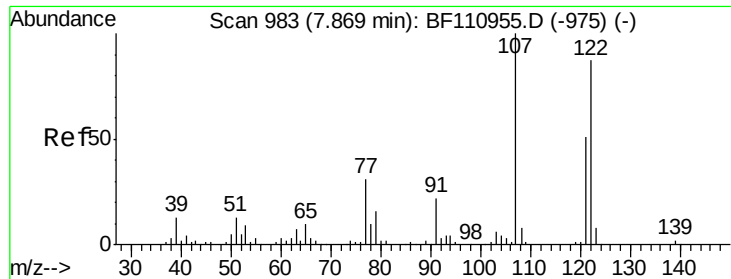
109 30.2 25.0 37.6

65 49.6 44.0 66.0



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

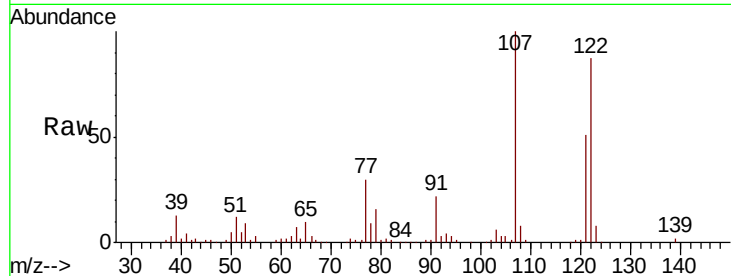




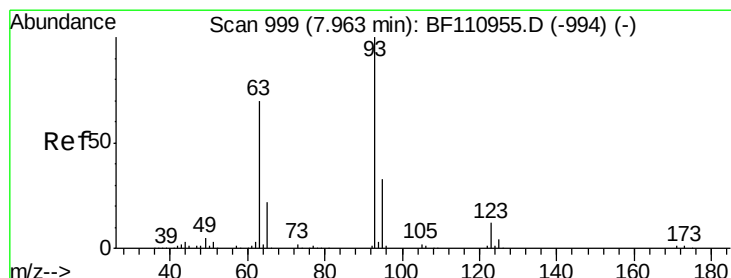
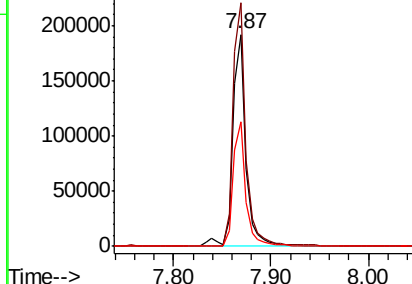
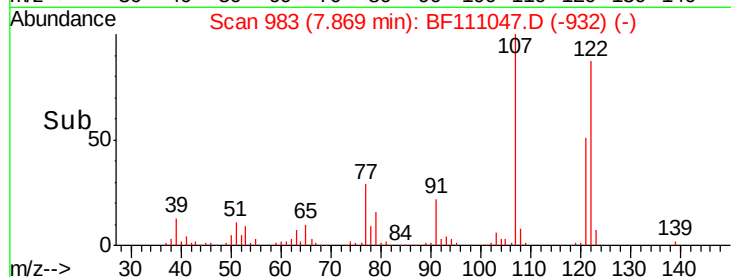
#27
 2,4-Dimethylphenol
 Concen: 53.936 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 178777
 Ion Ratio Lower Upper
 122 100
 107 114.8 92.5 138.7
 121 59.0 45.8 68.8

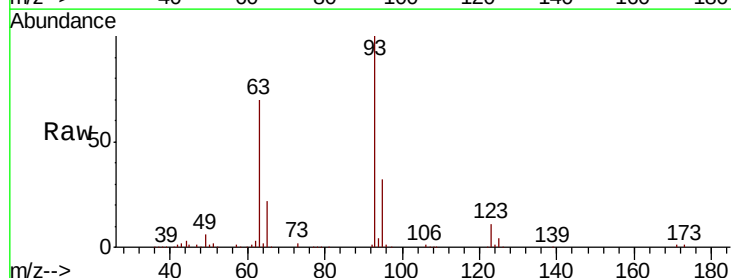


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

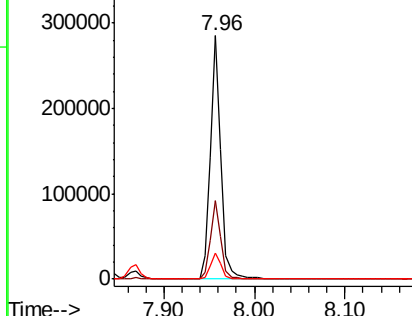
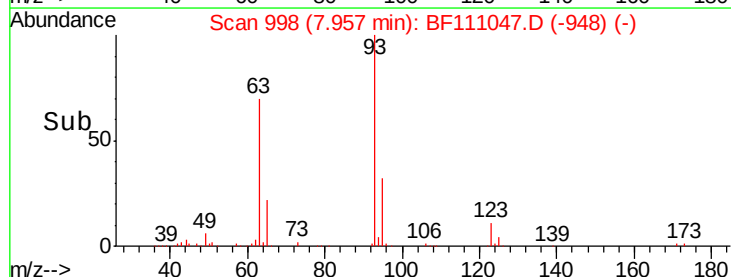


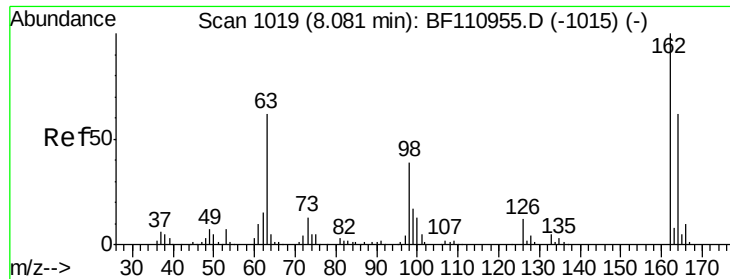
#28
 bis(2-Chloroethoxy)methane
 Concen: 49.149 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

Tgt Ion: 93 Resp: 234644
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.4 39.6
 123 10.9 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

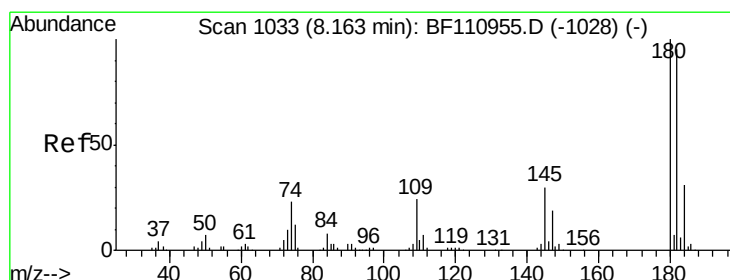
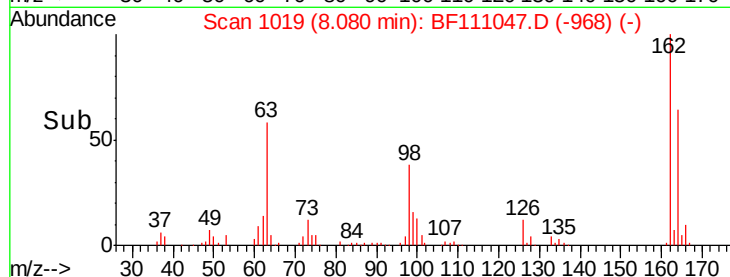
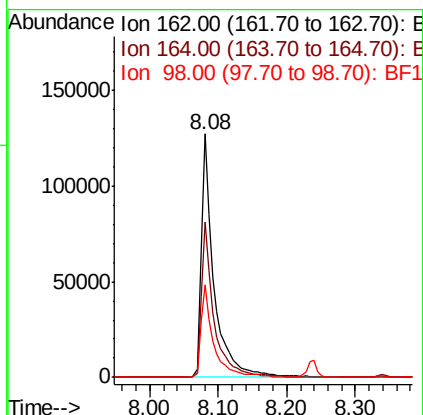
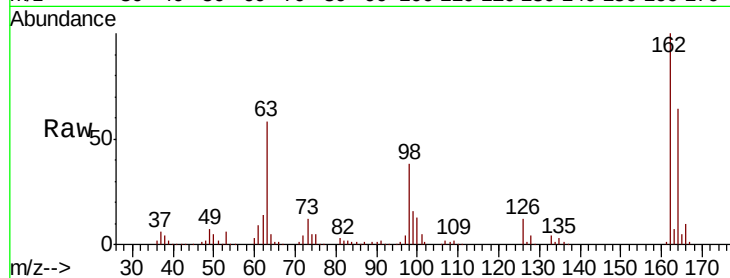




#29
 2,4-Dichlorophenol
 Concen: 48.130 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

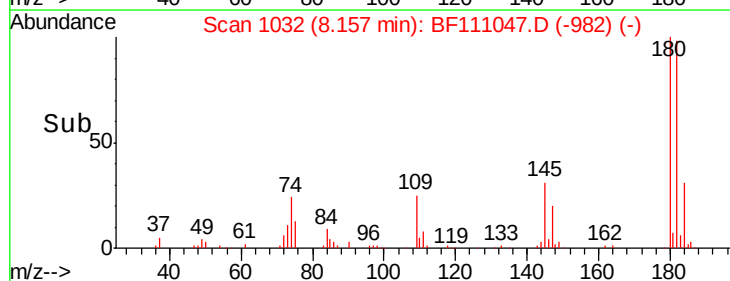
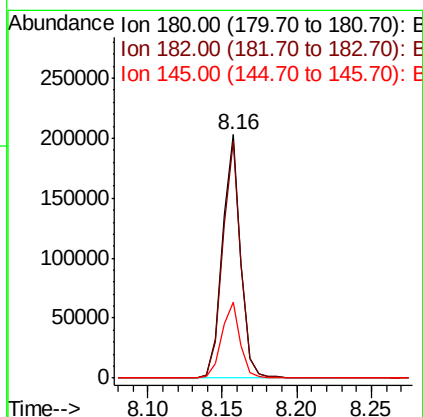
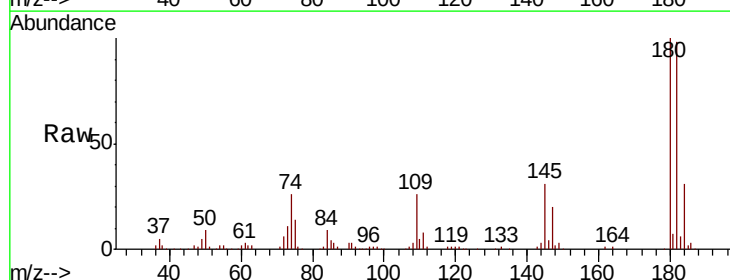
Instrument :
 BNA_F
 ClientSampleId :

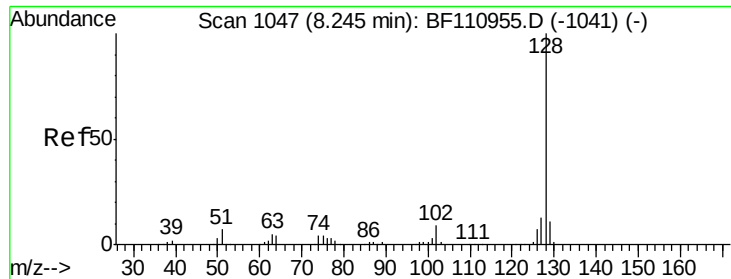
Tot Ion:162 Resp: 166940
 Ion Ratio Lower Upper
 162 100
 164 64.0 44.6 84.6
 98 37.9 17.4 57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 45.036 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

Tgt Ion:180 Resp: 175061
 Ion Ratio Lower Upper
 180 100
 182 97.7 80.3 120.5
 145 31.2 25.4 38.0

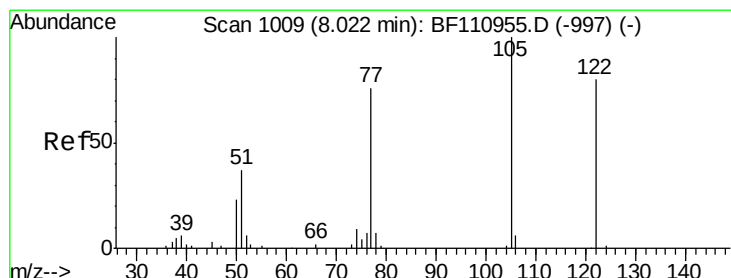
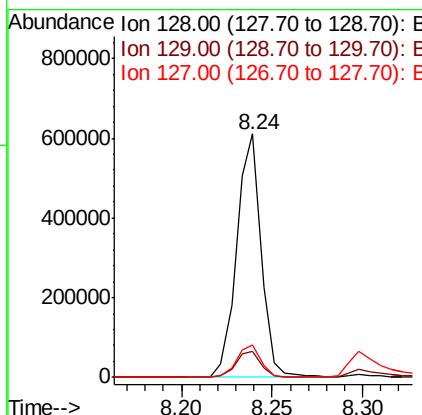
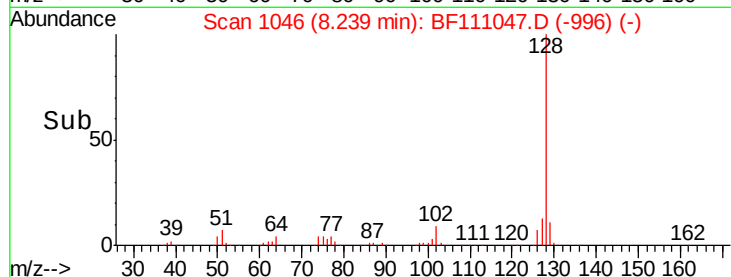
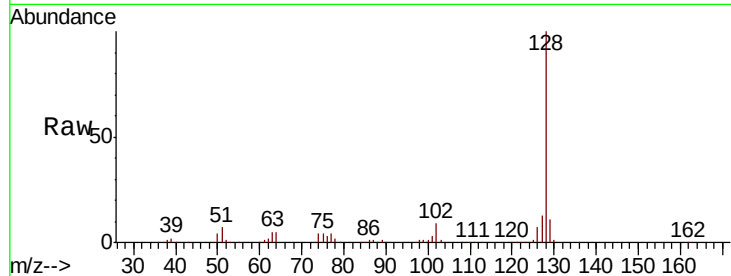




#31
Naphthalene
Concen: 49.129 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

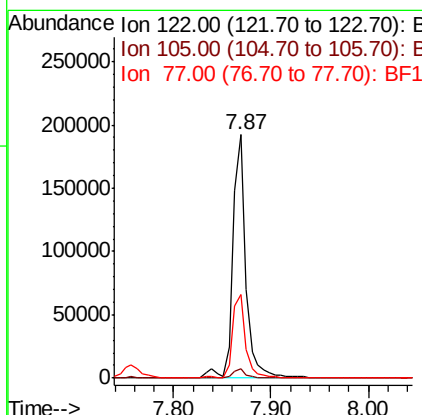
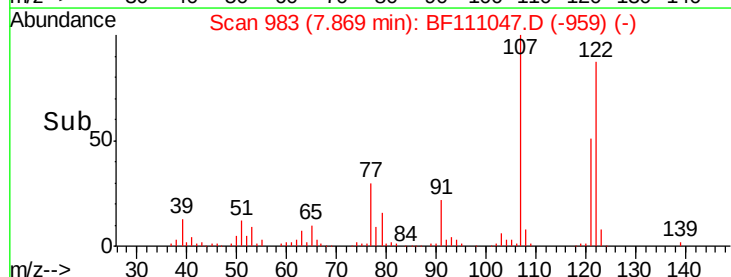
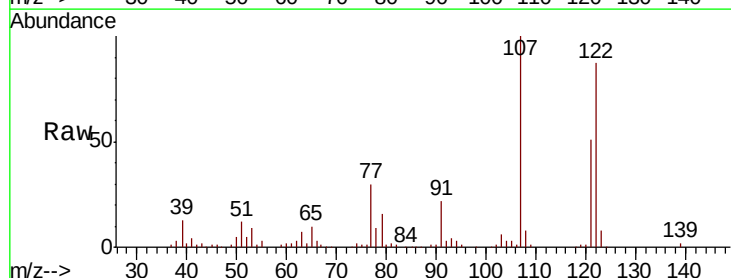
Instrument :
BNA_F
ClientSampleId :

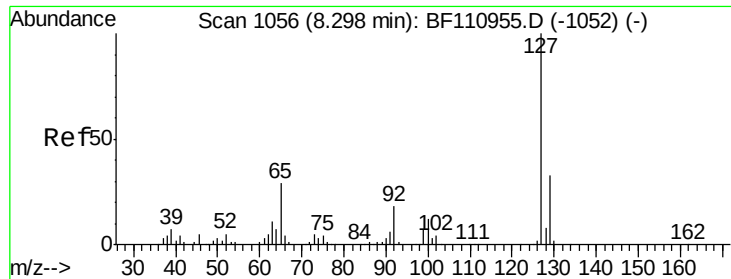
Tot Ion:128 Resp: 572578
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 72.545 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.16 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion:122 Resp: 178777
Ion Ratio Lower Upper
122 100
105 3.9 109.0 149.0#
77 34.2 79.0 119.0#

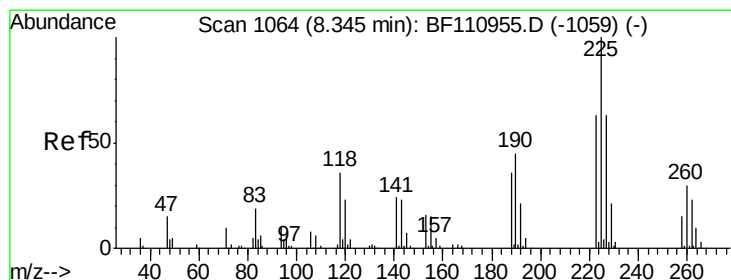
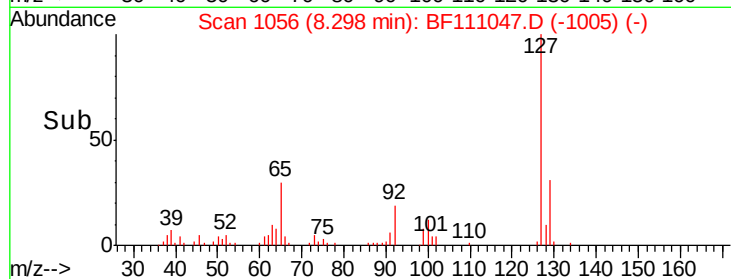
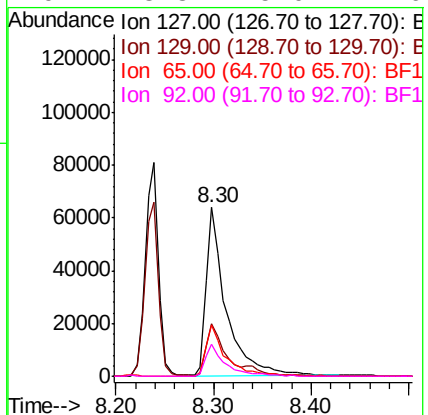
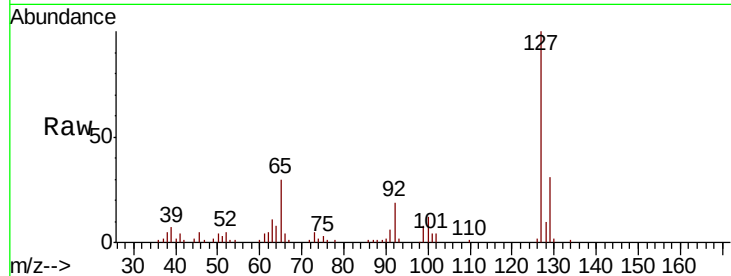




#33
4-Chloroaniline
Concen: 18.199 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

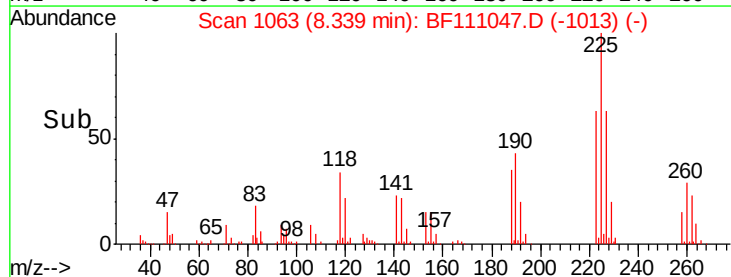
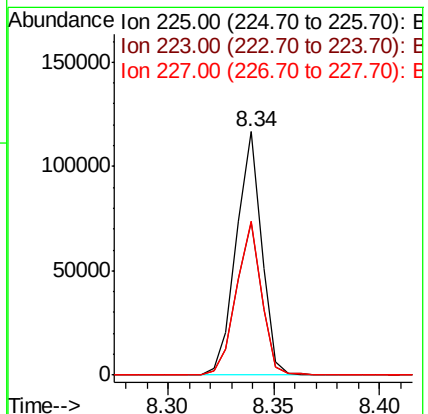
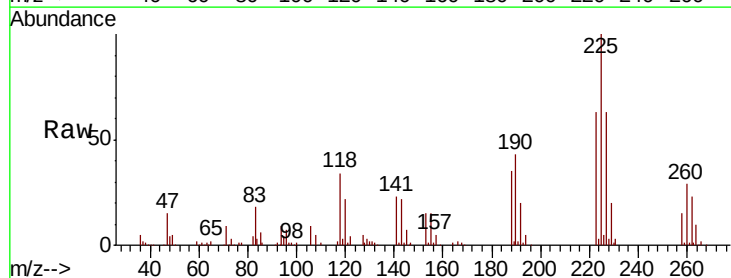
Instrument :
BNA_F
ClientSampleId :

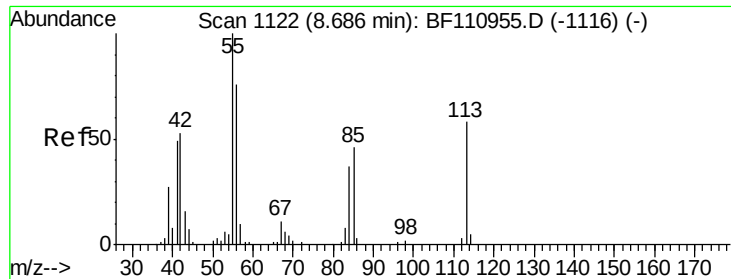
Tot Ion:	127	Resp:	90276
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.0	39.0
65	30.3	25.1	37.7
92	18.8	15.0	22.6



#34
Hexachlorobutadiene
Concen: 43.582 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion:	225	Resp:	96489
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.4	77.2
227	63.2	51.0	76.6

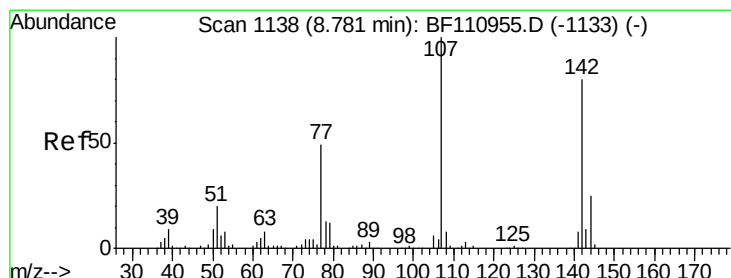
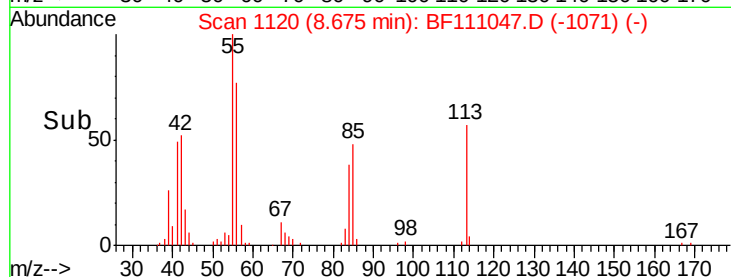
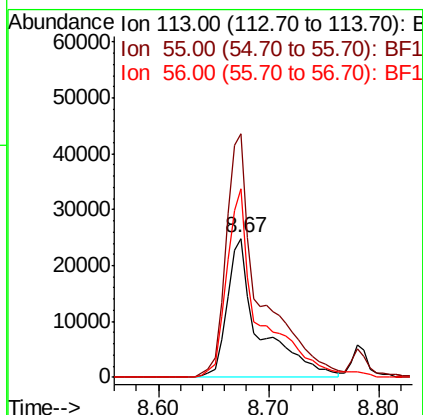
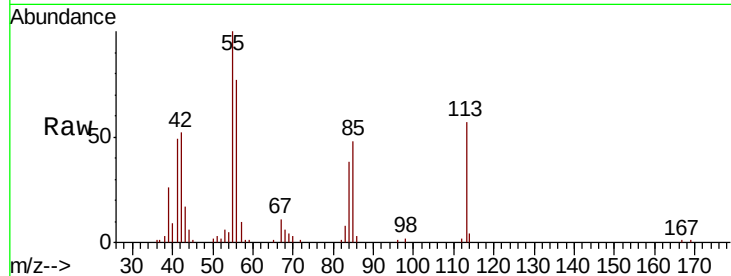




#35
 Caprolactam
 Concen: 43.207 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

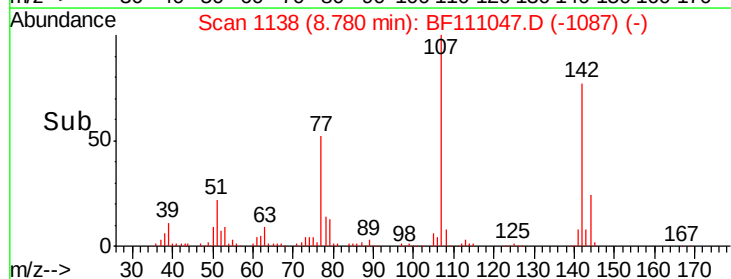
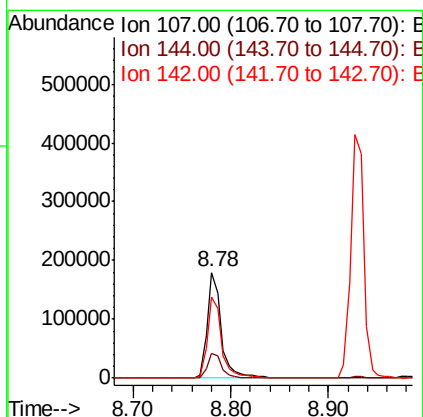
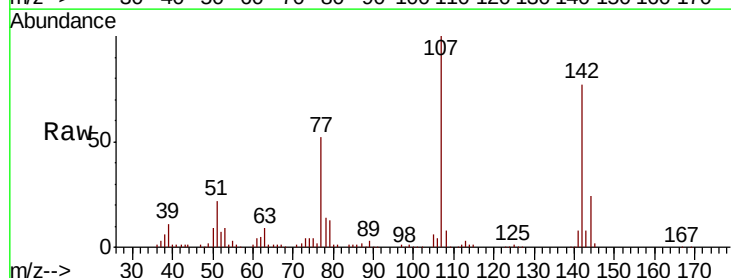
Instrument :
 BNA_F
 ClientSampled :

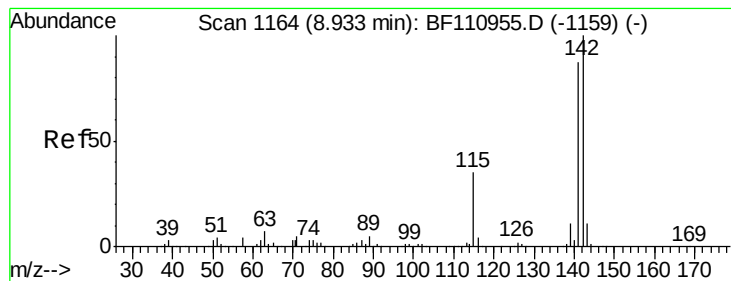
Tot Ion:113 Resp: 51164
 Ion Ratio Lower Upper
 113 100
 55 174.9 142.8 182.8
 56 135.0 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 46.895 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

Tgt Ion:107 Resp: 180728
 Ion Ratio Lower Upper
 107 100
 144 23.6 20.0 30.0
 142 76.6 59.7 89.5

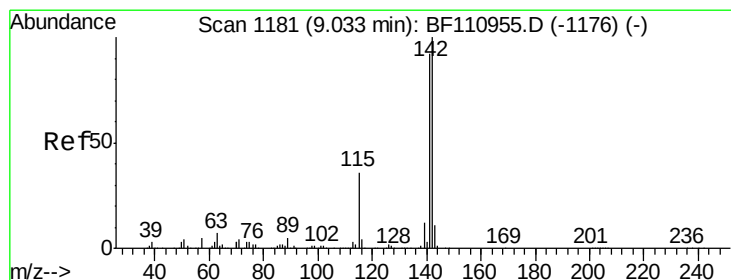
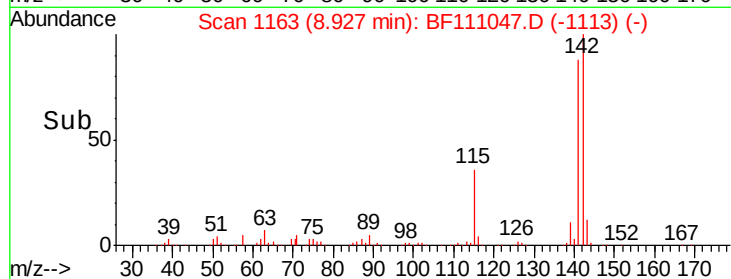
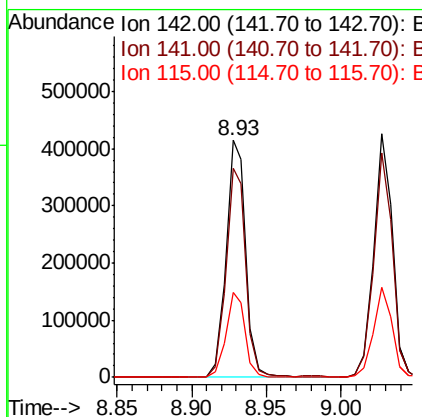
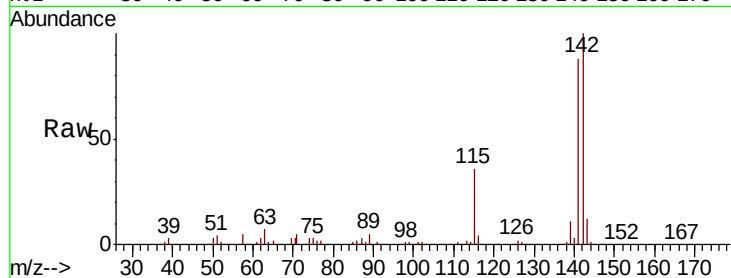




#37
2-Methylnaphthalene
Concen: 50.307 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

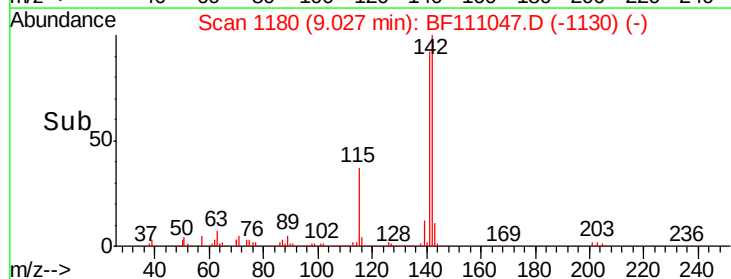
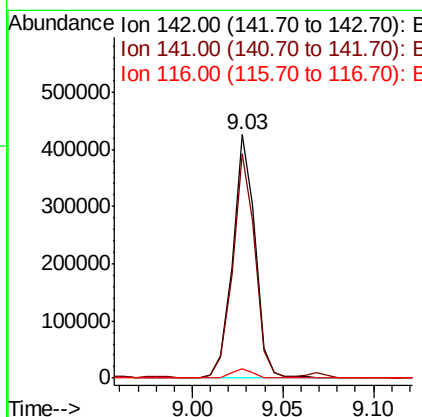
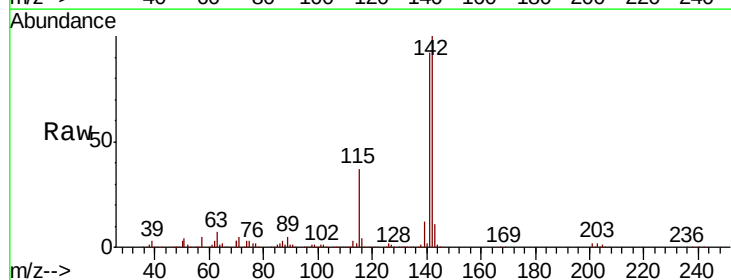
Instrument :
BNA_F
ClientSampleId :

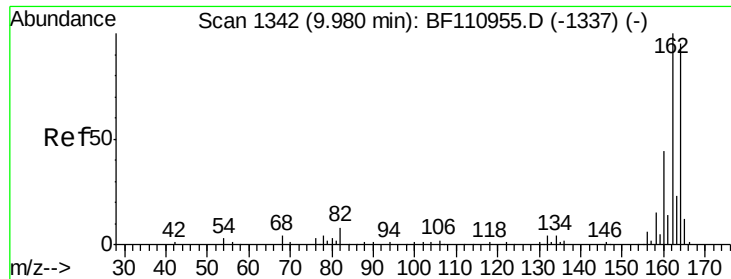
Tot Ion:142 Resp: 387264
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.2
115 35.6 28.7 43.1



#38
1-Methylnaphthalene
Concen: 48.527 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion:142 Resp: 363356
Ion Ratio Lower Upper
142 100
141 92.3 74.2 111.4
116 3.8 2.6 4.0

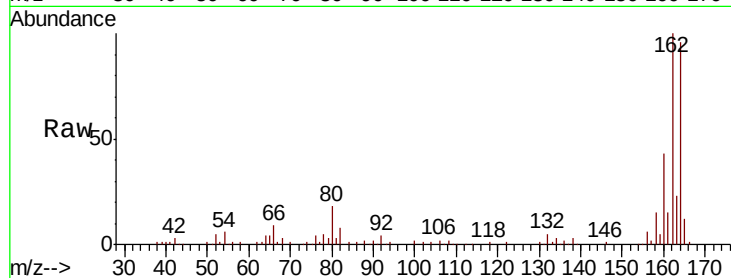




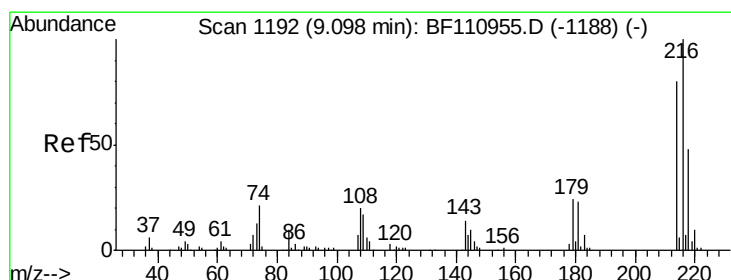
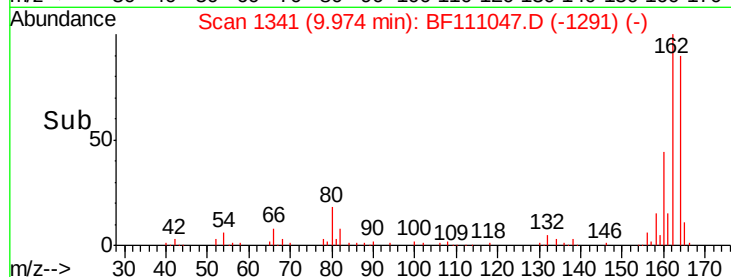
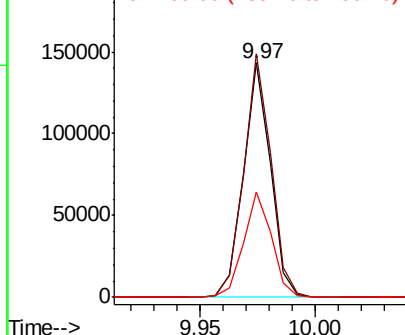
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 117450
Ion Ratio Lower Upper
164 100
162 104.0 83.0 124.6
160 45.2 37.0 55.6



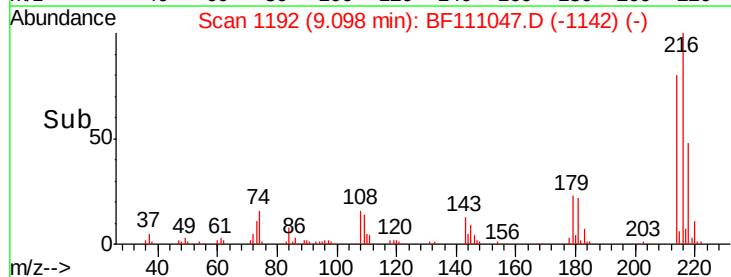
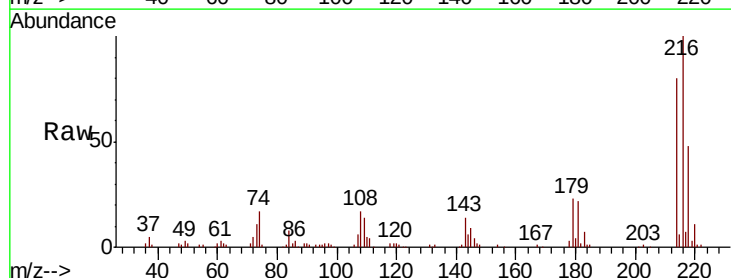
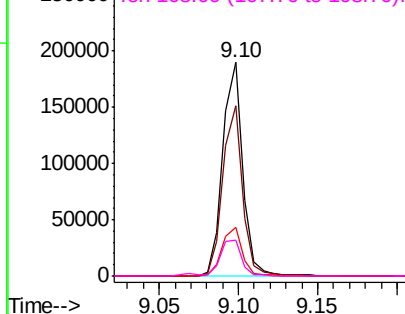
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

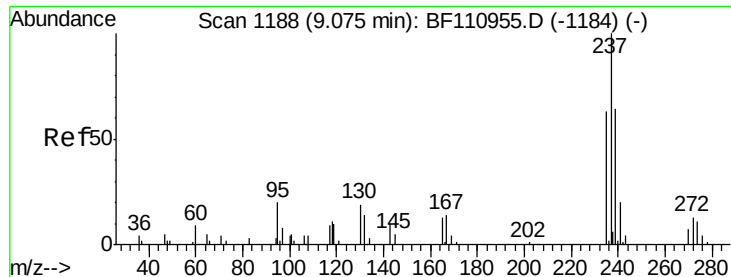


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.768 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion:216 Resp: 165404
Ion Ratio Lower Upper
216 100
214 79.0 63.8 95.6
179 23.1 16.6 25.0
108 19.0 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

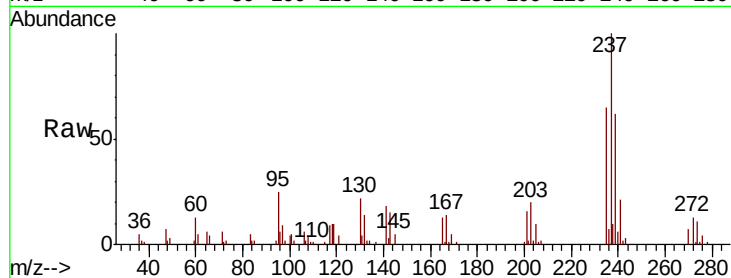




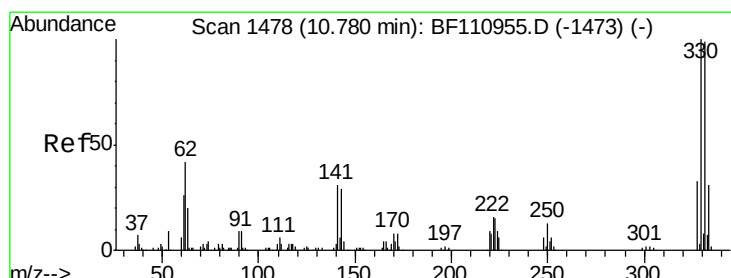
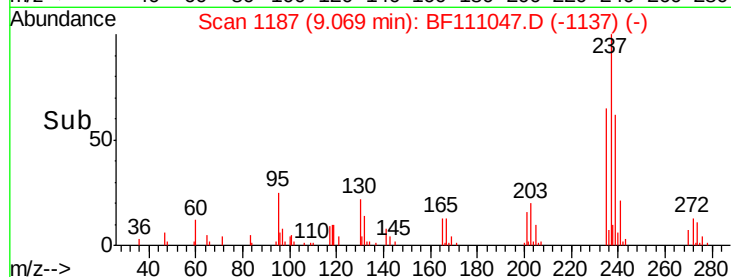
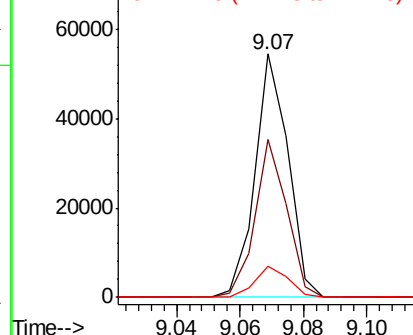
#41
Hexachlorocyclopentadiene
Concen: 67.787 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 39347
Ion Ratio Lower Upper
237 100
235 64.6 43.1 83.1
272 13.0 0.0 32.6

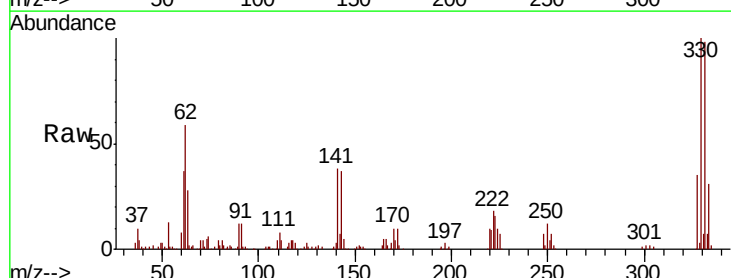


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

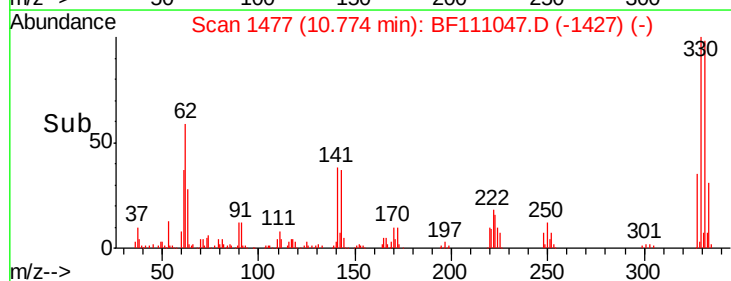
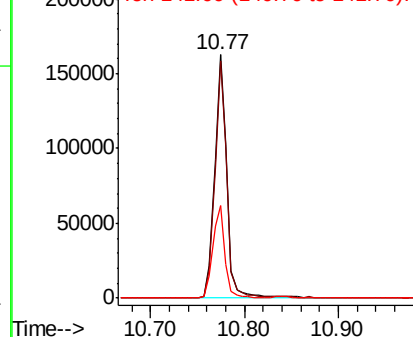


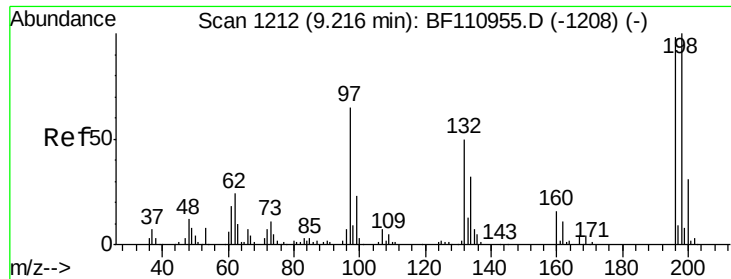
#42
2,4,6-Tribromophenol
Concen: 128.558 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion:330 Resp: 149955
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 37.6 27.0 40.4



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

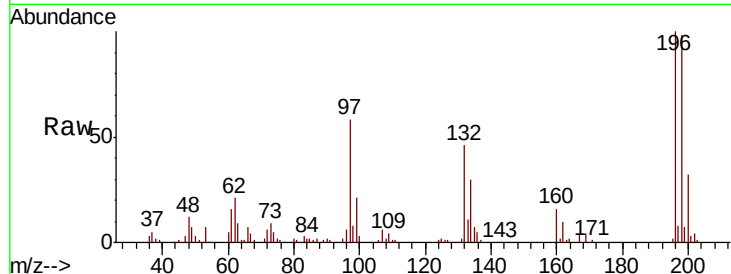




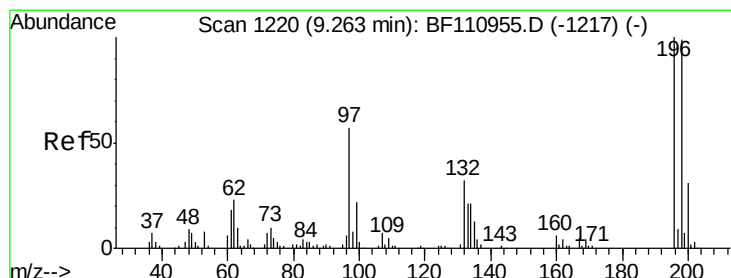
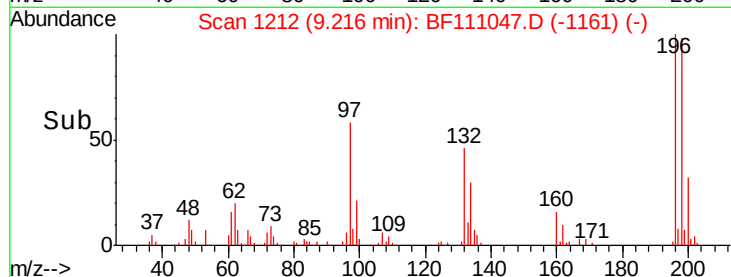
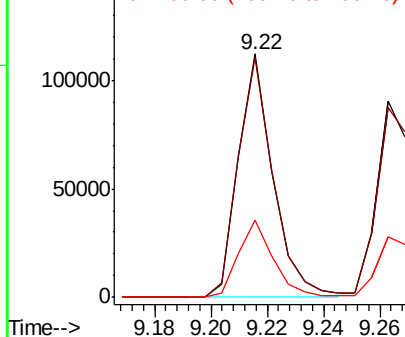
#43
 2,4,6-Trichlorophenol
 Concen: 43.628 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	96271
Ion Ratio	Lower	Upper	
196	100		
198	98.4	76.2	114.4
200	32.0	24.4	36.6



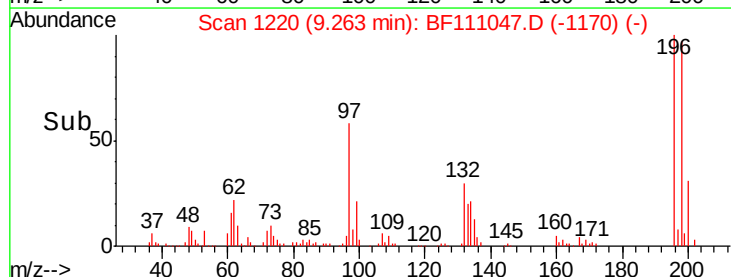
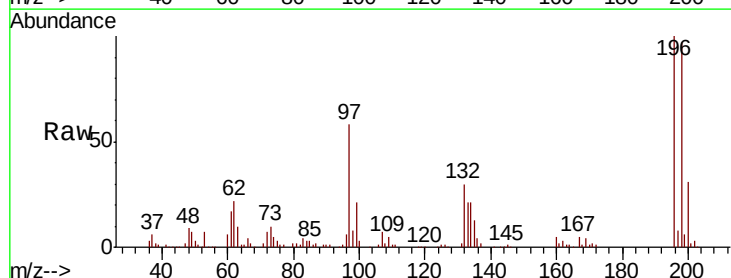
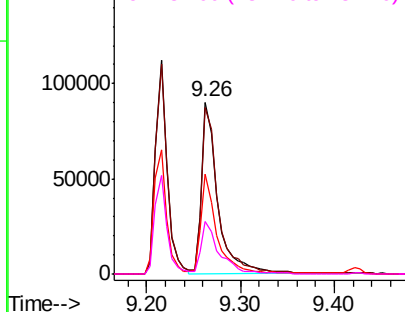
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

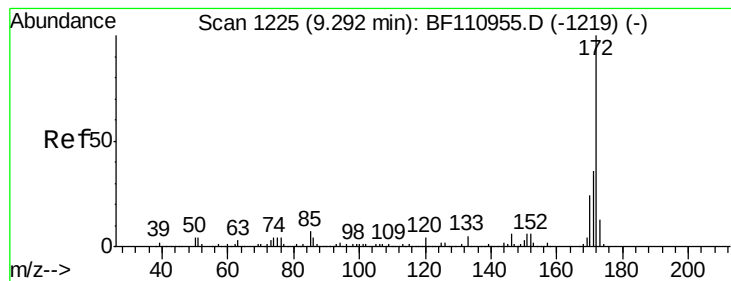


#44
 2,4,5-Trichlorophenol
 Concen: 47.196 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

Tgt Ion	196	Resp	109660
Ion Ratio	Lower	Upper	
196	100		
198	97.1	75.8	113.6
97	57.7	42.4	63.6
132	30.5	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

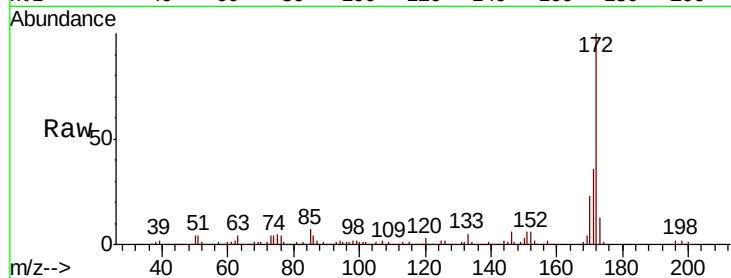




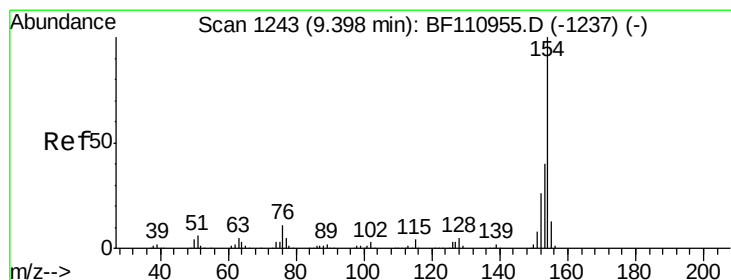
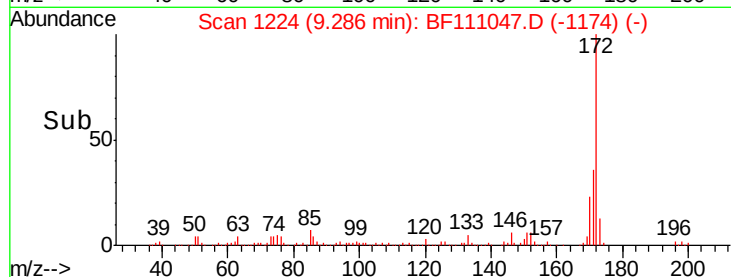
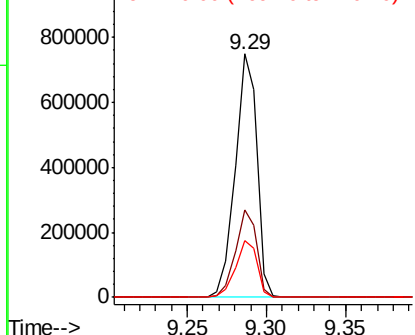
#45
2-Fluorobiphenyl
Concen: 87.745 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 711334
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.1 19.7 29.5

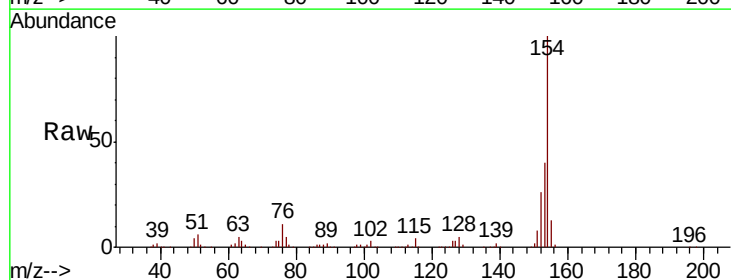


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

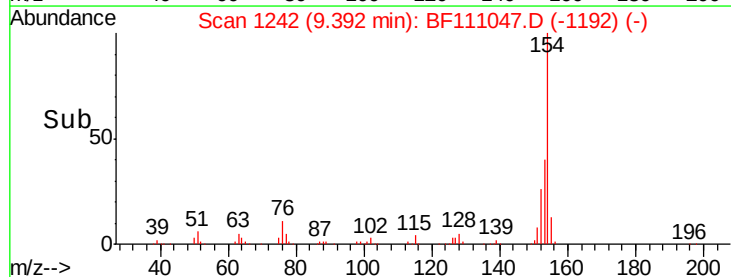
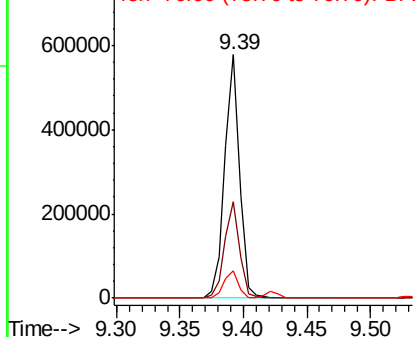


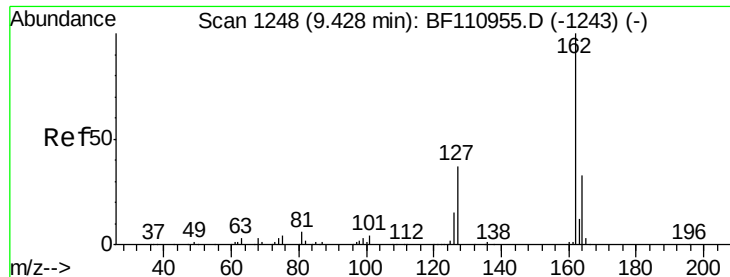
#46
1,1'-Biphenyl
Concen: 43.663 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion:154 Resp: 472790
Ion Ratio Lower Upper
154 100
153 39.8 20.4 60.4
76 11.0 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

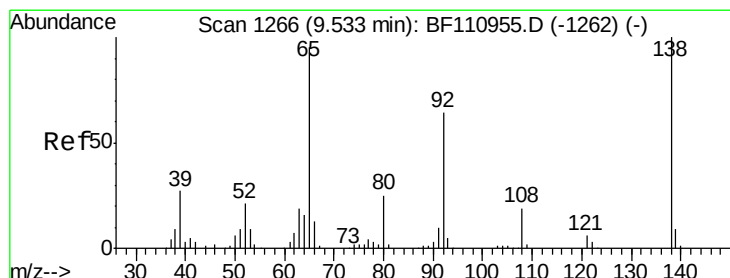
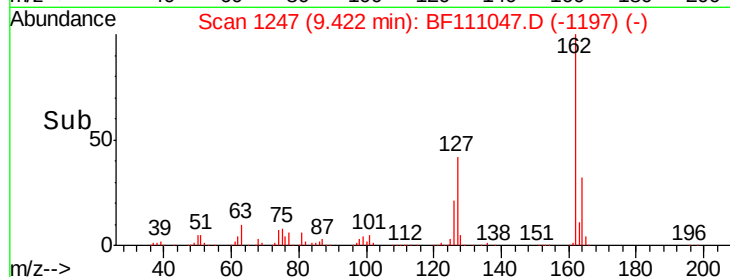
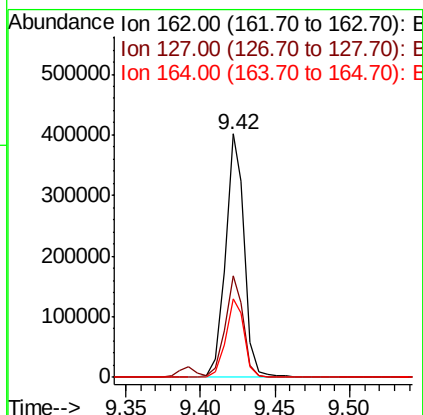
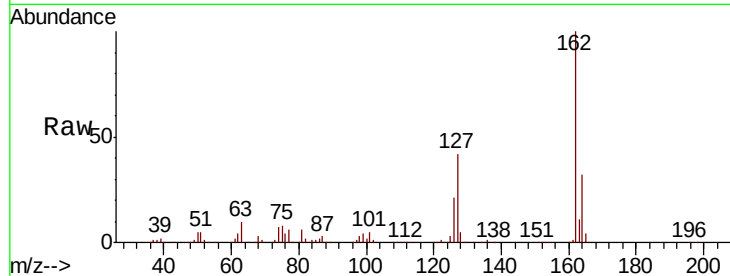




#47
 2-Chloronaphthalene
 Concen: 45.487 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

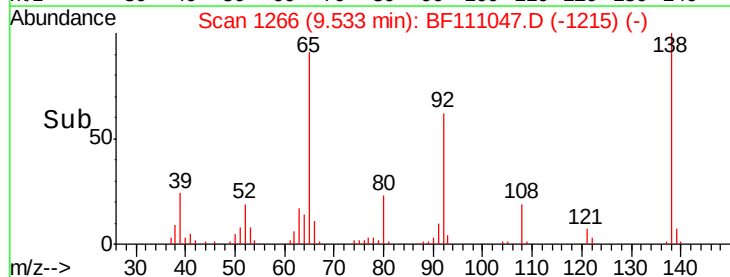
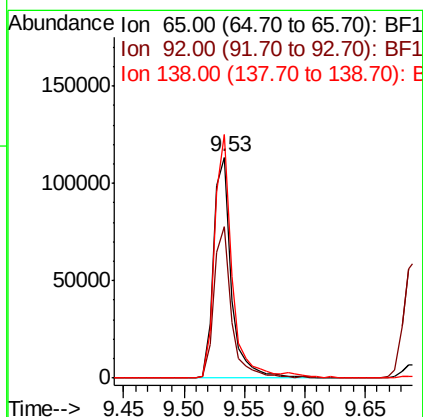
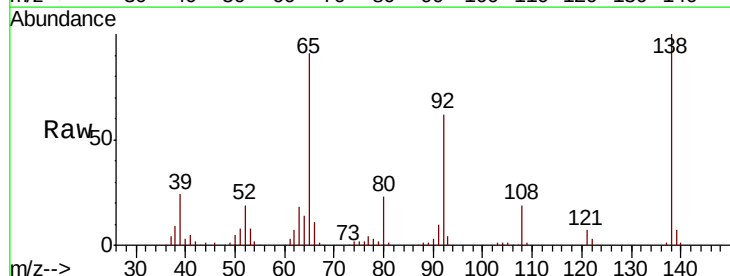
Instrument :
 BNA_F
 ClientSampled :

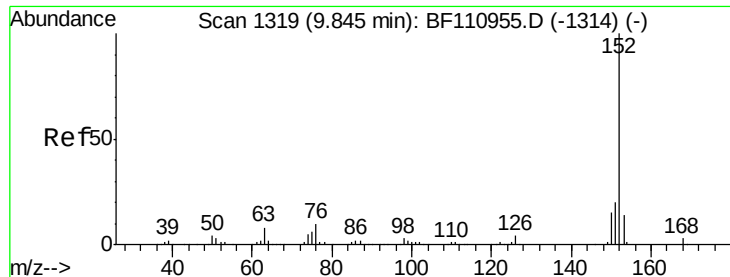
Tot Ion	162	Resp	357124
Ion Ratio	Lower	Upper	
162	100		
127	41.7	32.6	48.8
164	32.4	25.9	38.9



#48
 2-Nitroaniline
 Concen: 46.605 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

Tgt Ion	65	Resp	114449
Ion Ratio	Lower	Upper	
65	100		
92	68.8	54.6	81.8
138	110.2	80.3	120.5





#49

Acenaphthylene

Concen: 48.448 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

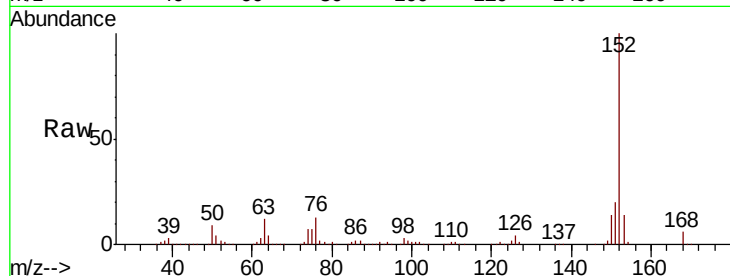
Tot Ion:152 Resp: 540881

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

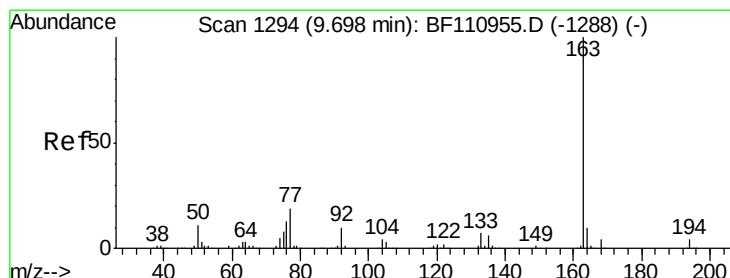
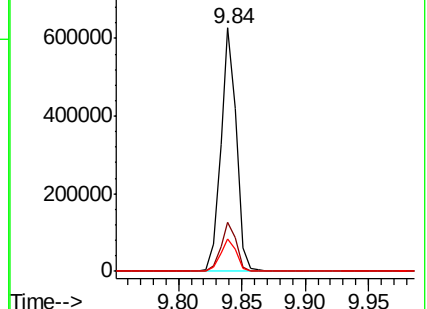
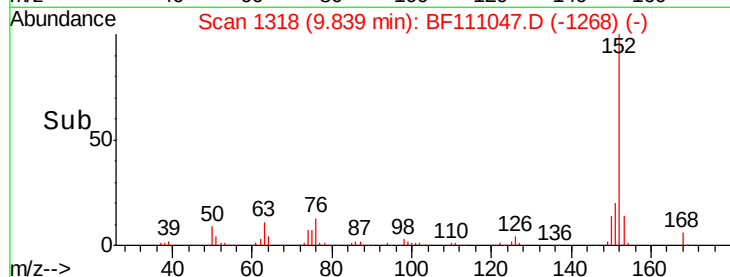
153 13.6 10.4 15.6



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: 52.320 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

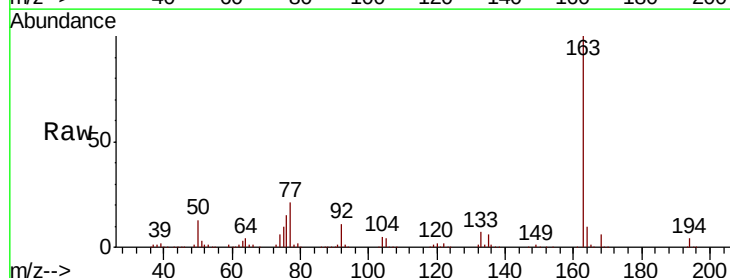
Tgt Ion:163 Resp: 450672

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

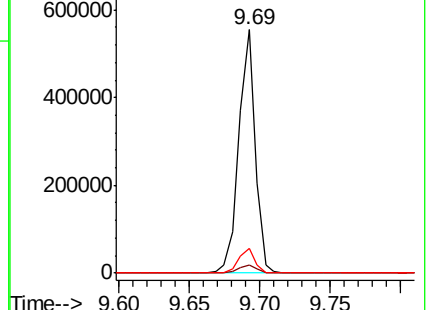
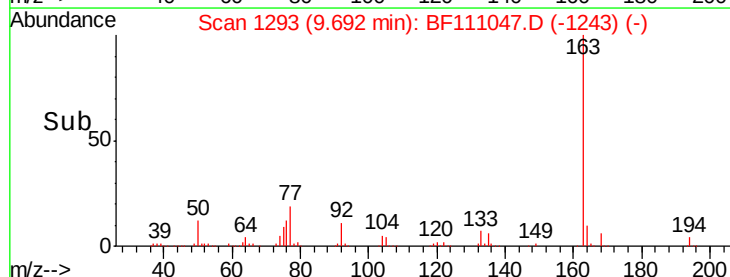
164 9.9 8.1 12.1

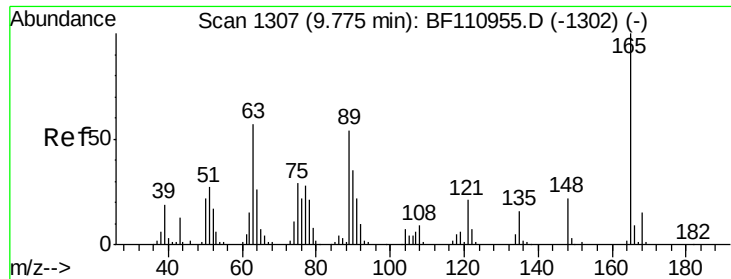


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

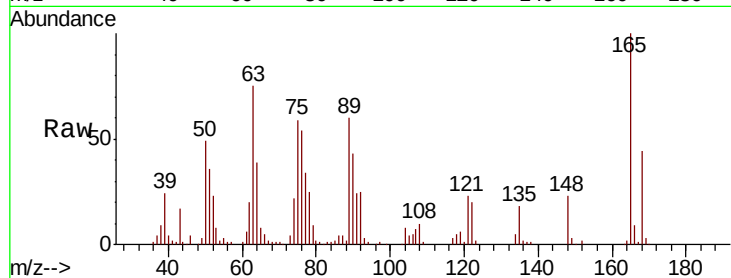




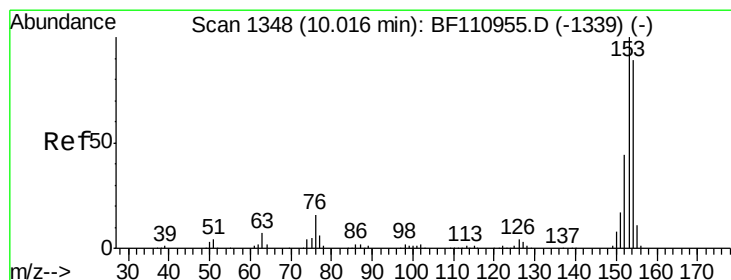
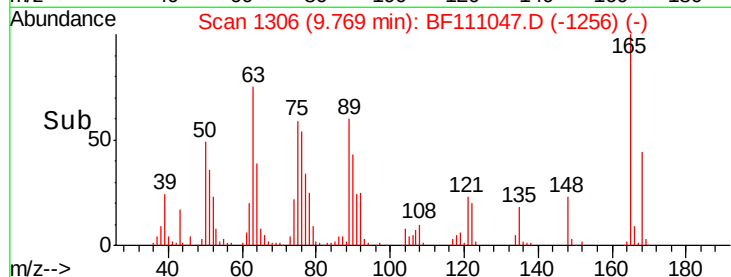
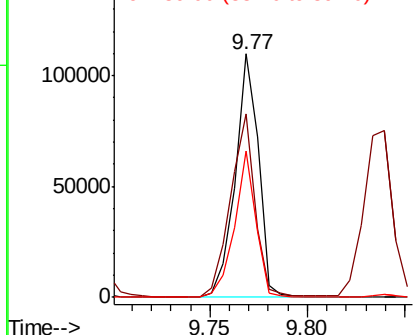
#51
2,6-Dinitrotoluene
Concen: 47.094 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 90308
Ion Ratio Lower Upper
165 100
63 75.4 48.9 73.3#
89 60.1 46.6 69.8

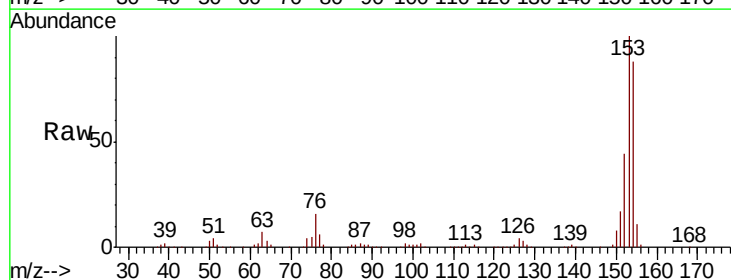


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

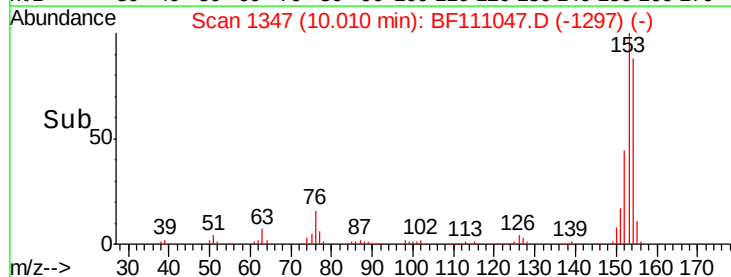
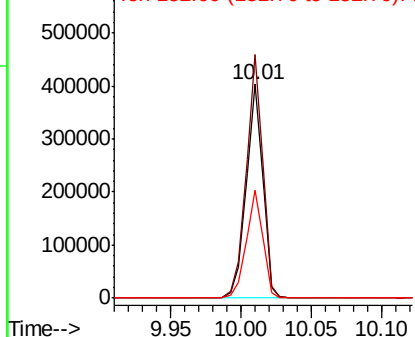


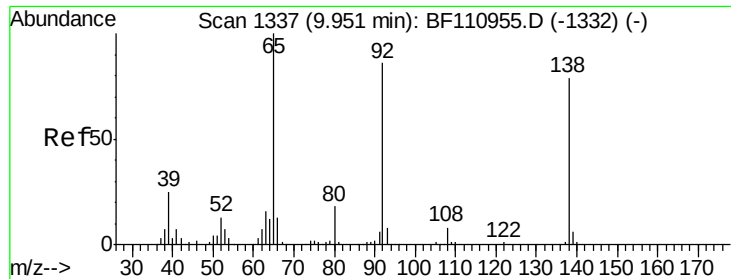
#52
Acenaphthene
Concen: 46.131 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion:154 Resp: 330159
Ion Ratio Lower Upper
154 100
153 113.8 90.1 135.1
152 50.5 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

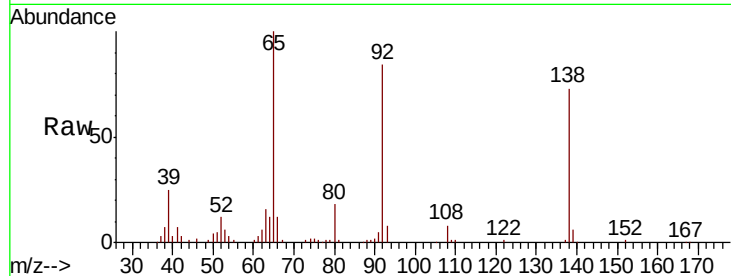




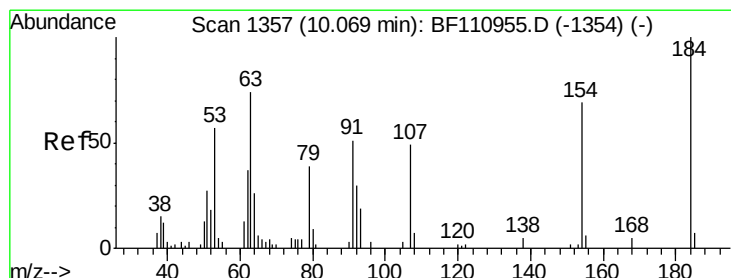
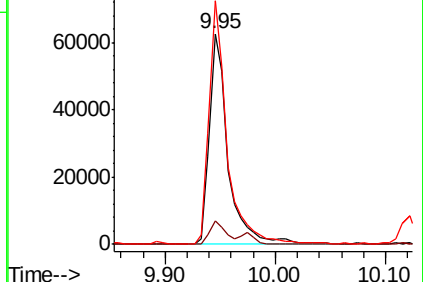
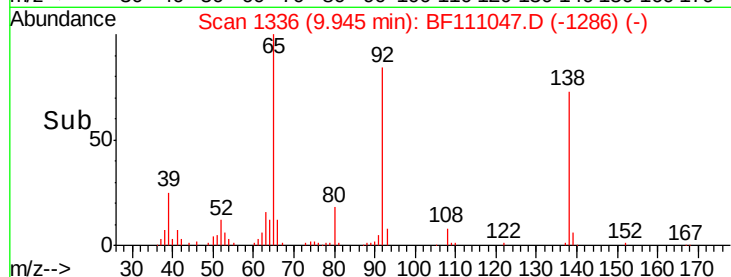
#53
3-Nitroaniline
Concen: 32.002 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 71524
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 115.6 97.0 145.4

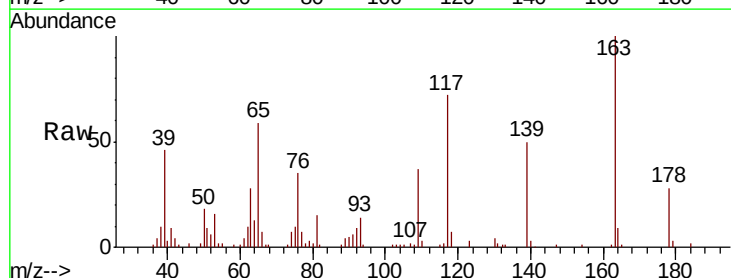


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

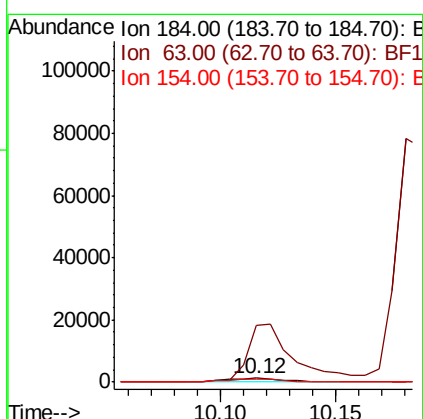
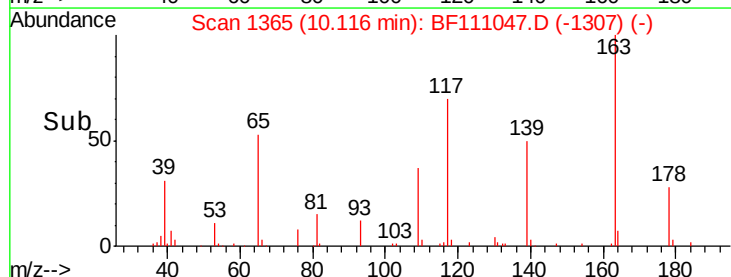


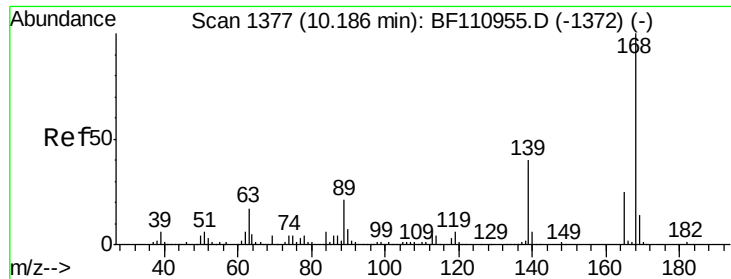
#54
2,4-Dinitrophenol
Concen: 6.566 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.04 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion:184 Resp: 2024
Ion Ratio Lower Upper
184 100
63 1432.7 55.8 83.6#
154 73.3 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

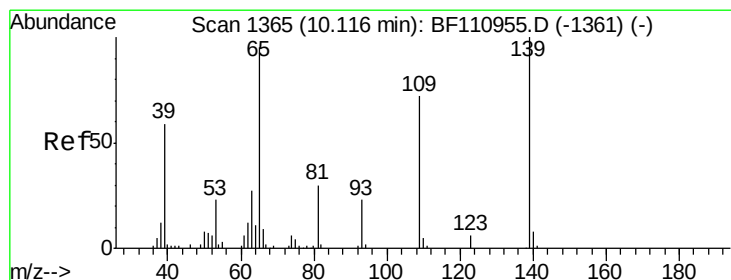
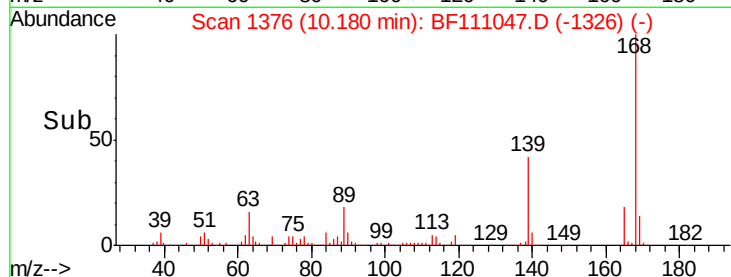
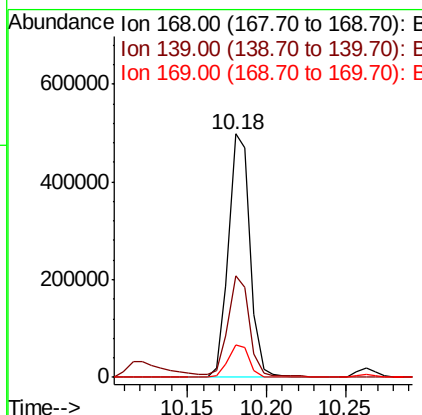
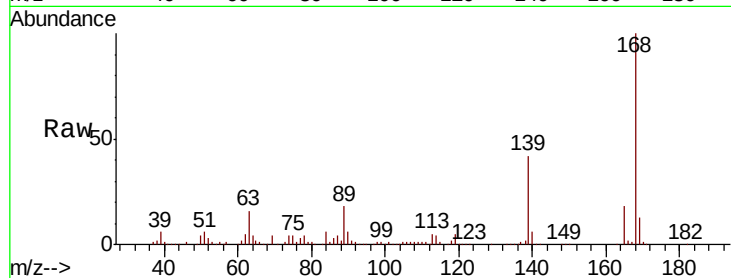




#55
Dibenzenofuran
Concen: 45.036 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

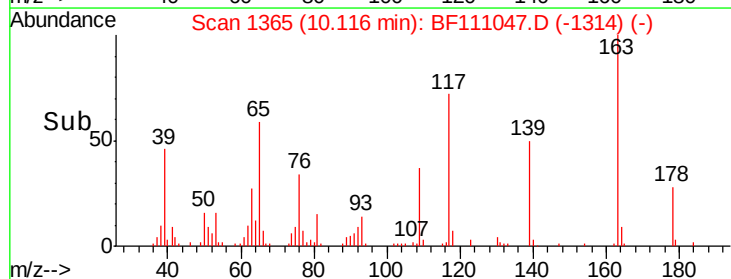
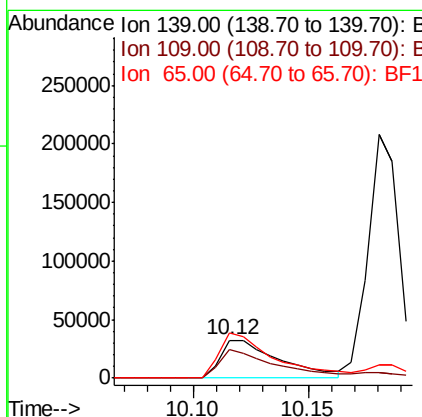
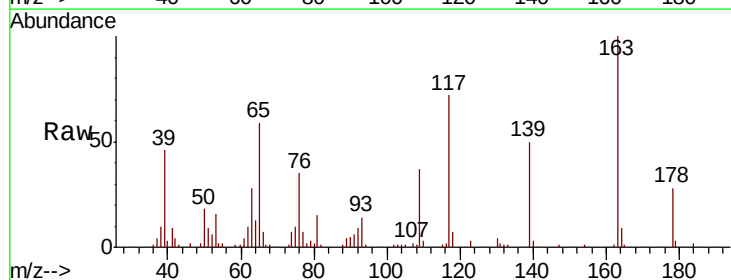
Instrument :
BNA_F
ClientSampleId :

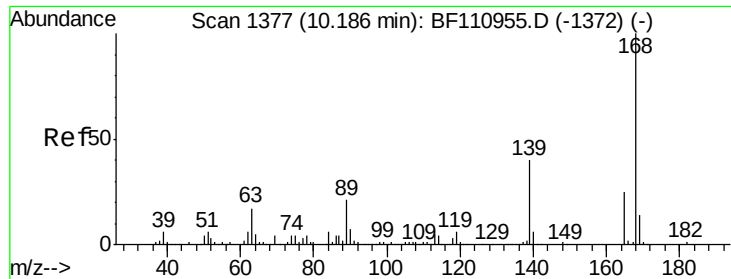
Tot Ion:168 Resp: 470223
Ion Ratio Lower Upper
168 100
139 41.8 33.0 49.6
169 13.5 11.3 16.9



#56
4-Nitrophenol
Concen: 48.273 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion:139 Resp: 57772
Ion Ratio Lower Upper
139 100
109 74.3 55.8 95.8
65 118.0 77.9 117.9#

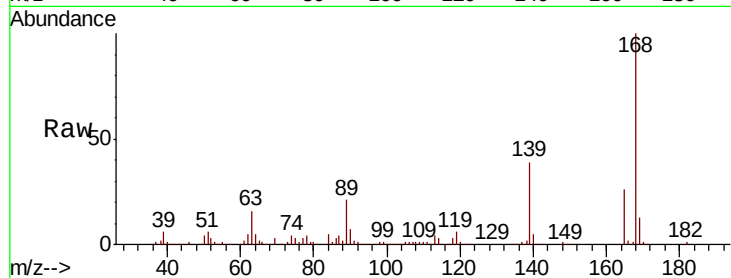




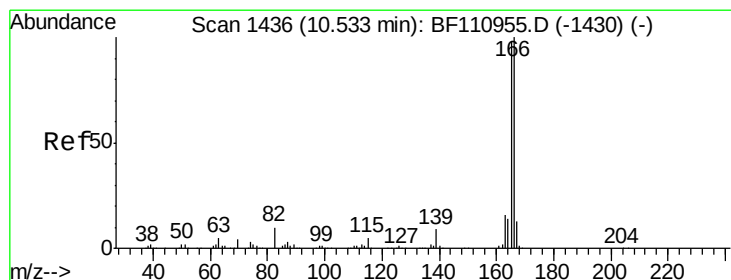
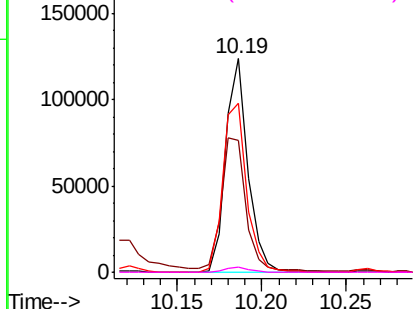
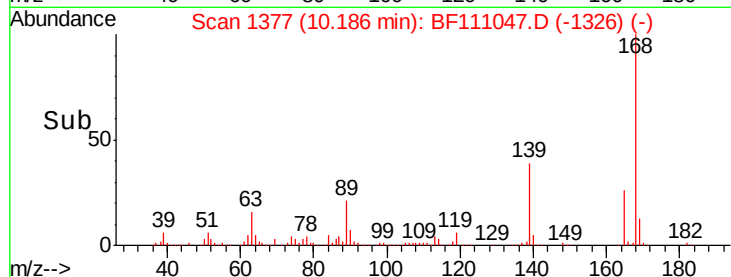
#57
2,4-Dinitrotoluene
Concen: 45.581 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 113402
Ion Ratio Lower Upper
165 100
63 61.5 44.8 67.2
89 78.9 62.2 93.4
182 2.7 2.1 3.1

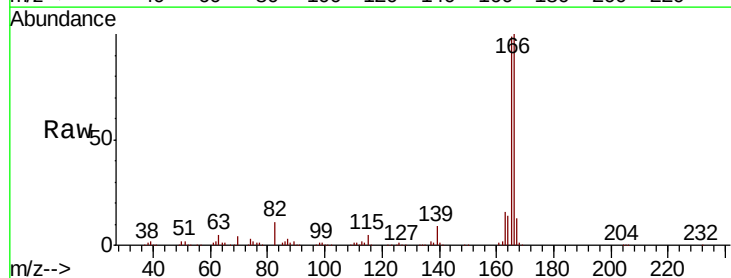


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

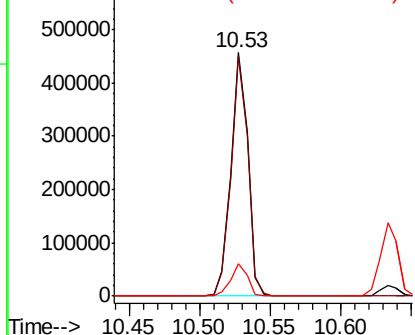
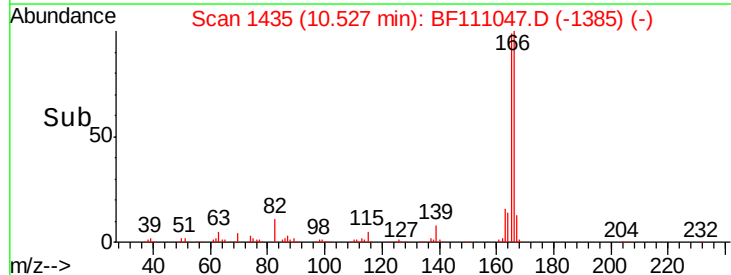


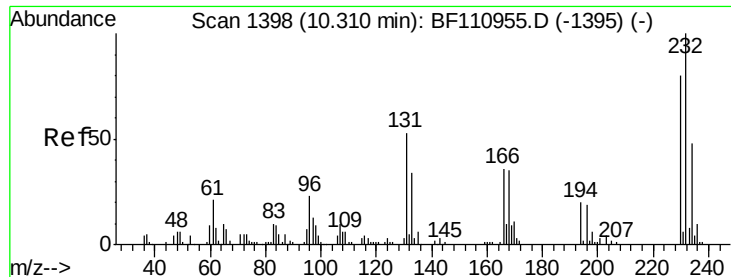
#58
Fluorene
Concen: 47.383 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion:166 Resp: 384916
Ion Ratio Lower Upper
166 100
165 98.6 78.6 117.8
167 13.4 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

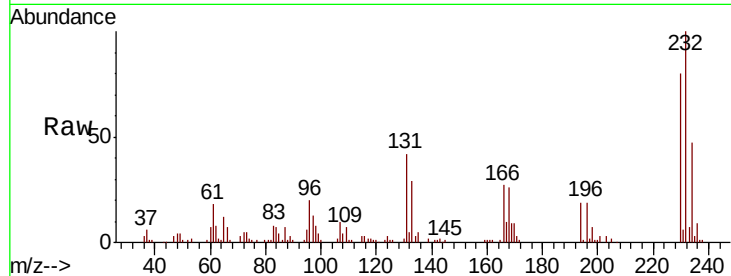




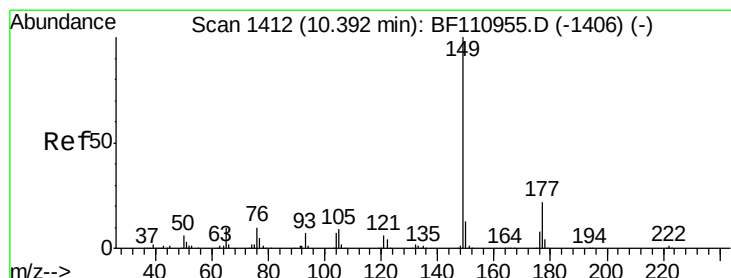
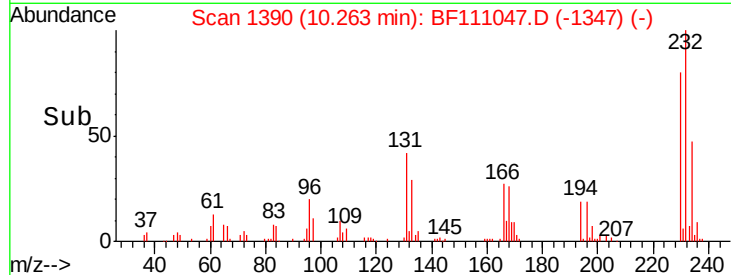
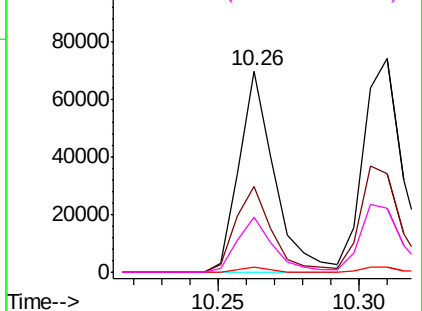
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.147 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.05 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 61300
 Ion Ratio Lower Upper
 232 100
 131 43.4 37.0 55.4
 130 2.0 1.8 2.6
 166 27.5 22.0 33.0

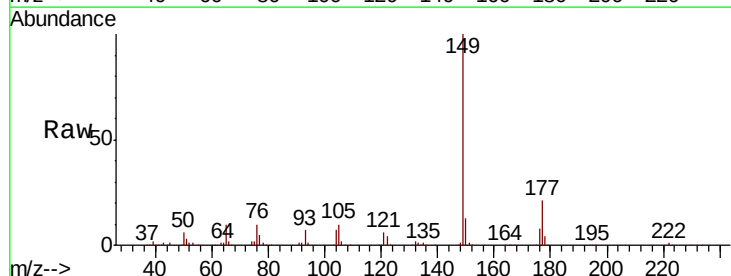


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

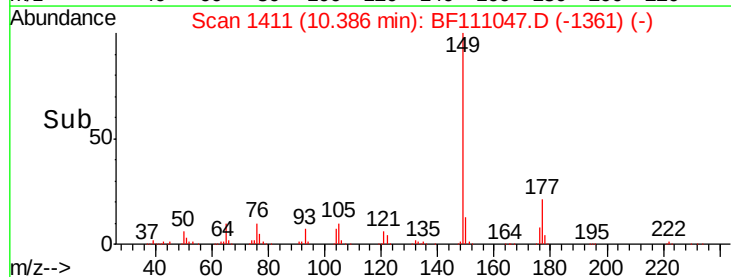
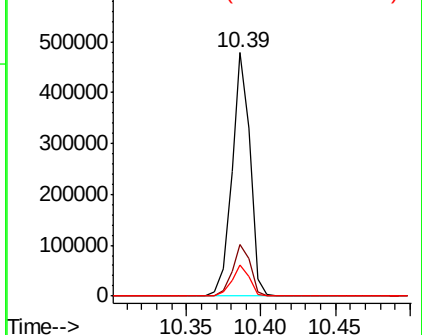


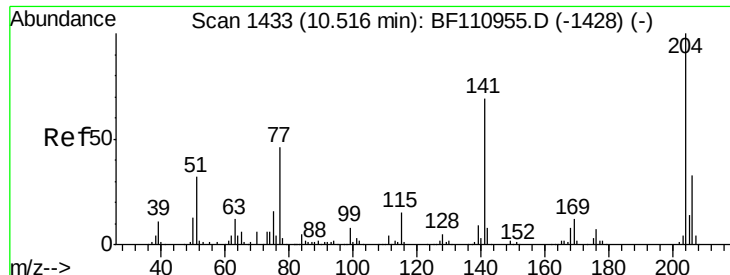
#60
 Diethylphthalate
 Concen: 46.069 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

Tgt Ion:149 Resp: 409225
 Ion Ratio Lower Upper
 149 100
 177 21.0 17.4 26.2
 150 12.6 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

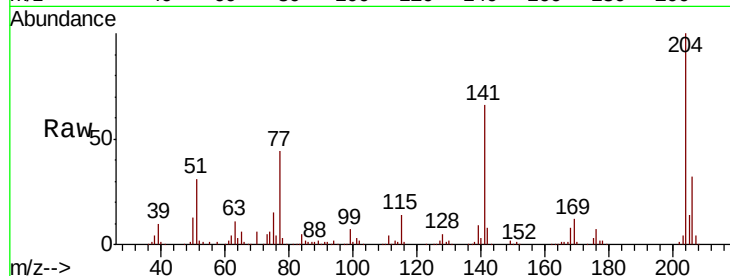




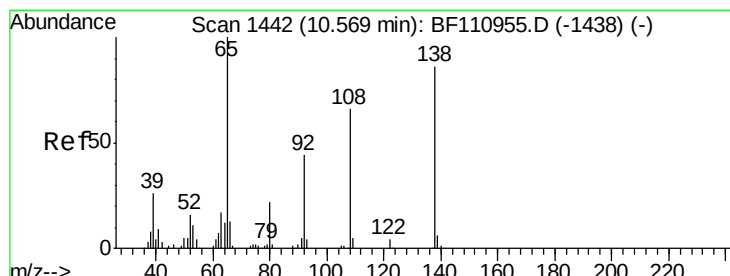
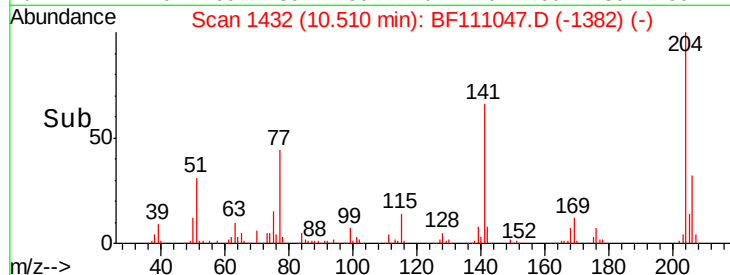
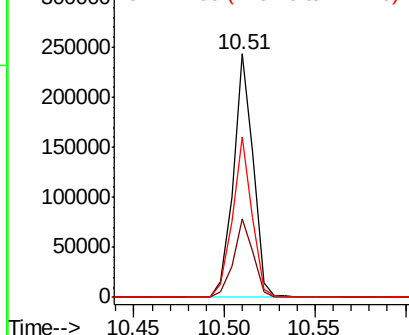
#61
4-Chlorophenyl-phenylether
Concen: 43.652 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 185476
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 66.0 51.8 77.8

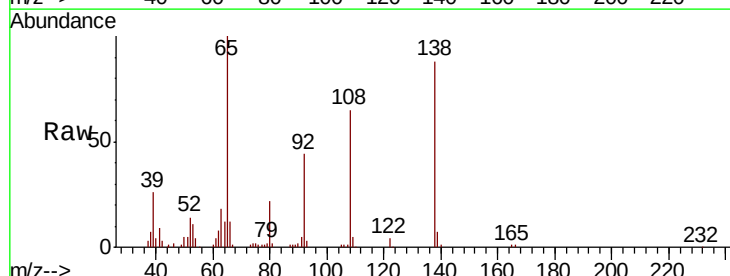


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

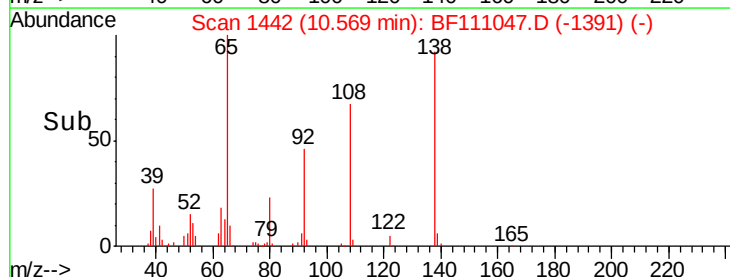
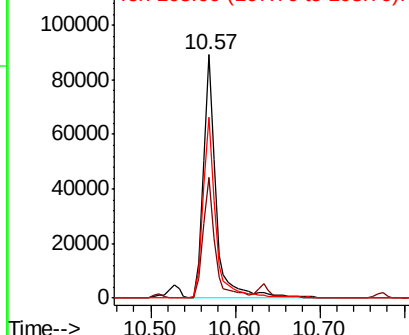


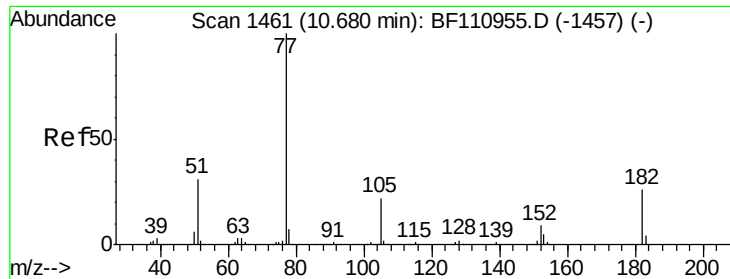
#62
4-Nitroaniline
Concen: 44.347 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion:138 Resp: 92285
Ion Ratio Lower Upper
138 100
92 49.7 31.7 71.7
108 74.4 59.3 99.3



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

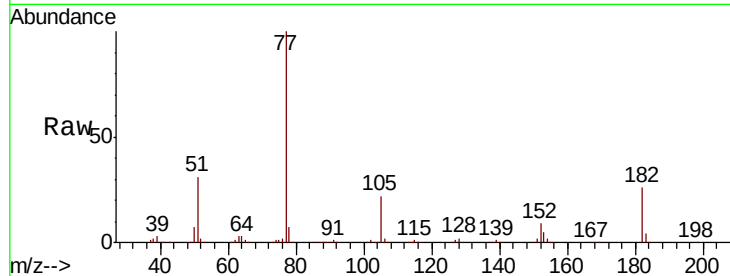




#63
Azobenzene
Concen: 43.883 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.2	4.3	44.3
105	22.0	1.3	41.3
51	31.2	9.0	49.0



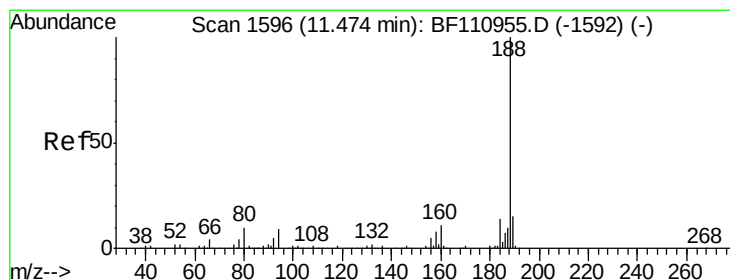
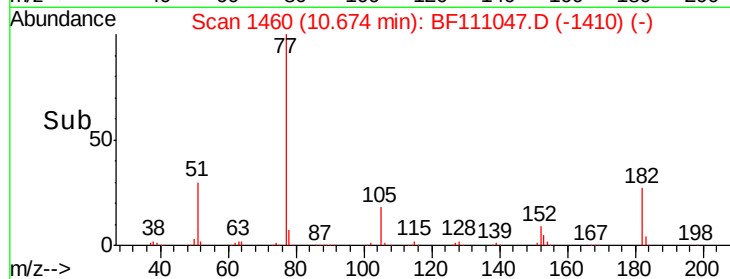
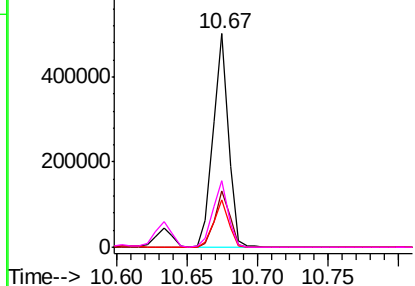
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

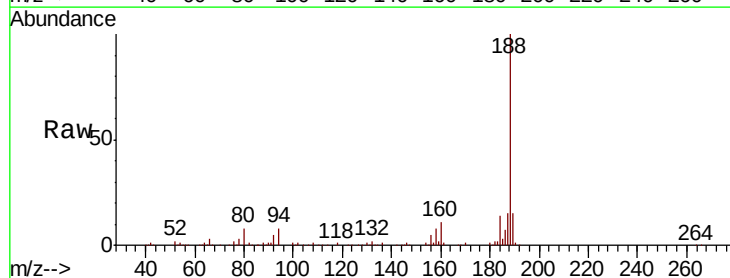
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.2	10.8
80	8.4	7.9	11.9

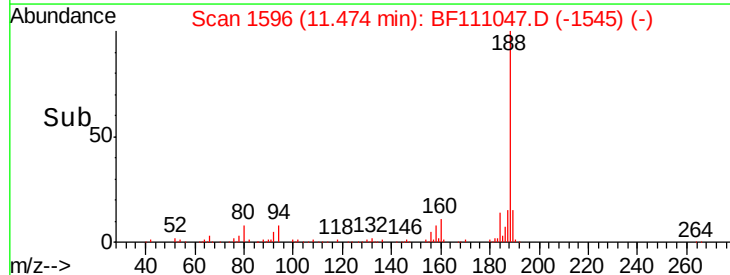
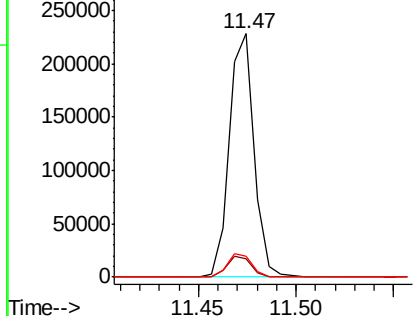


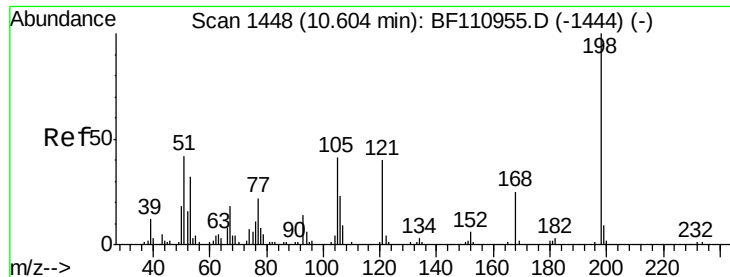
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

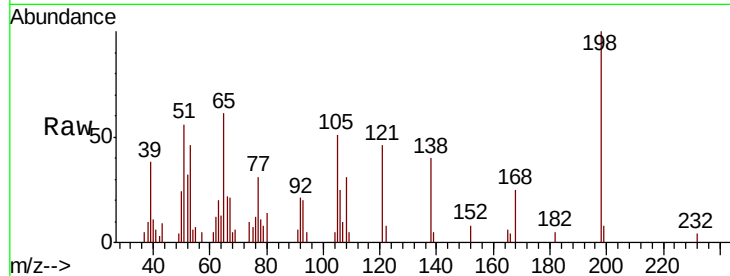




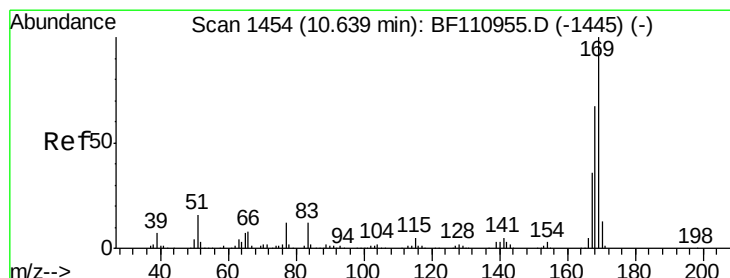
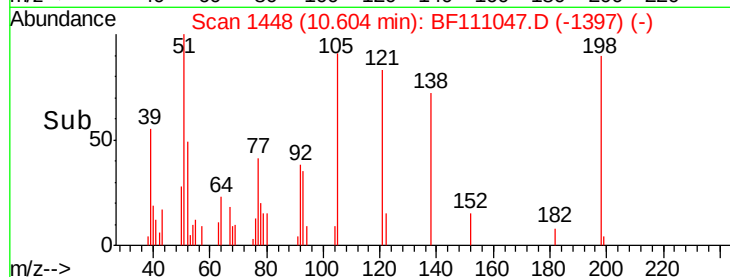
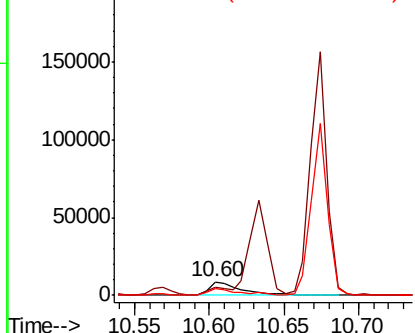
#65
 4,6-Dinitro-2-methylphenol
 Concen: 14.218 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 13477
 Ion Ratio Lower Upper
 198 100
 51 55.8 22.8 62.8
 105 50.6 23.6 63.6

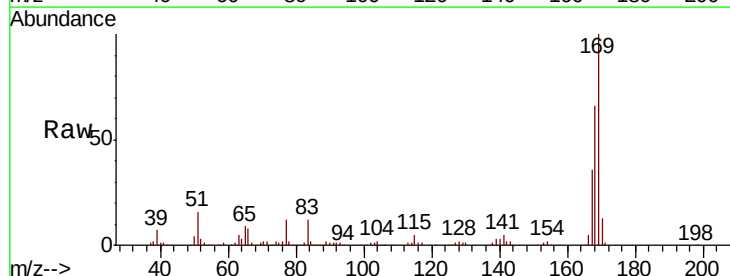


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

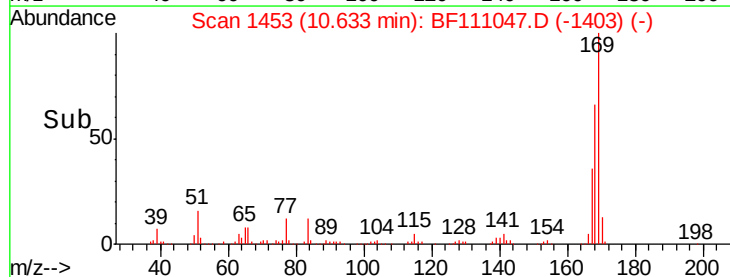
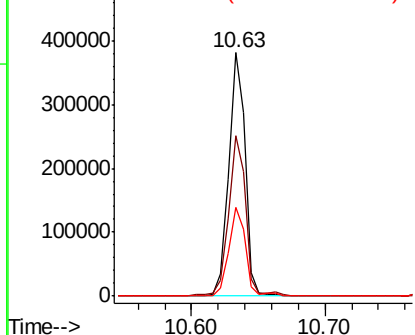


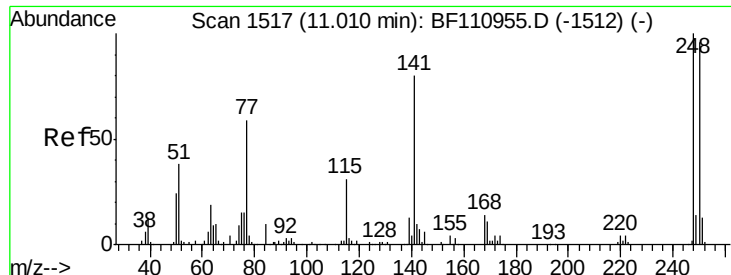
#66
 n-Nitrosodiphenylamine
 Concen: 49.875 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

Tgt Ion:169 Resp: 332708
 Ion Ratio Lower Upper
 169 100
 168 66.1 51.2 76.8
 167 36.4 27.8 41.6



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

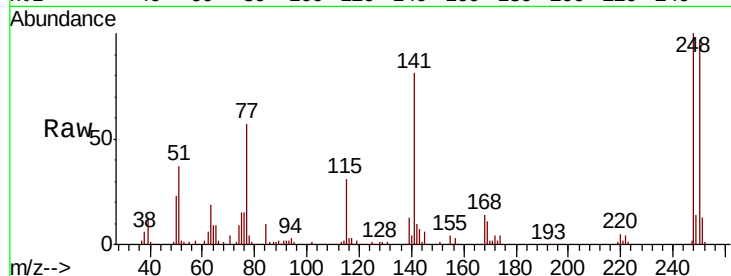




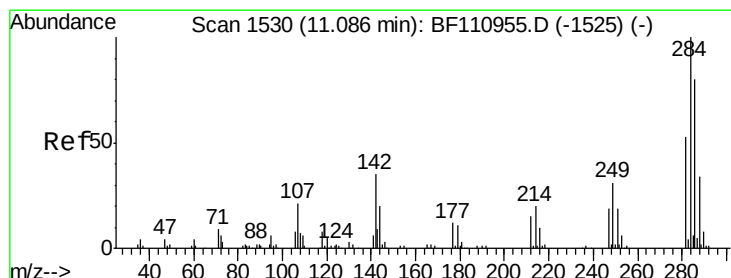
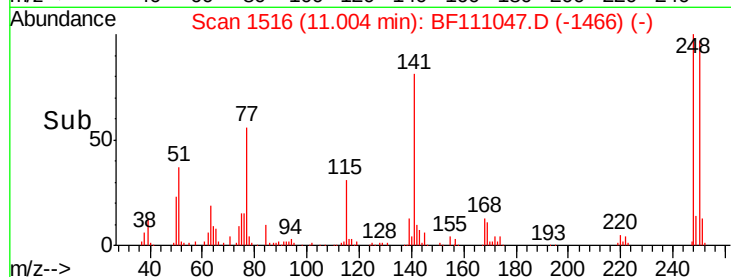
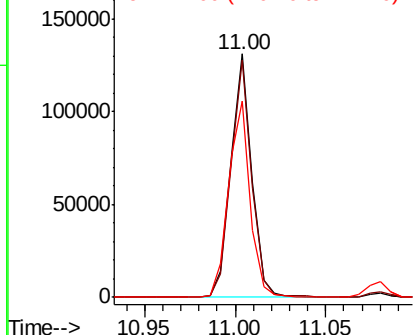
#67
4-Bromophenyl-phenylether
Concen: 48.509 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 105866
Ion Ratio Lower Upper
248 100
250 97.2 79.4 119.2
141 80.7 55.9 83.9

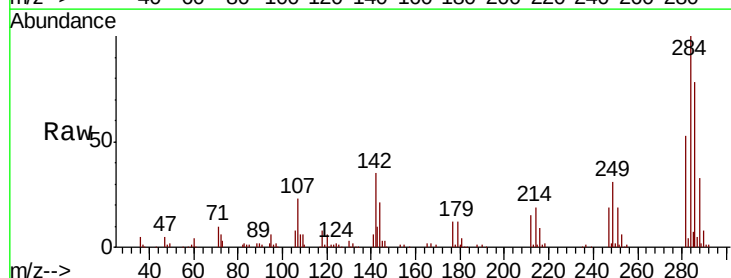


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

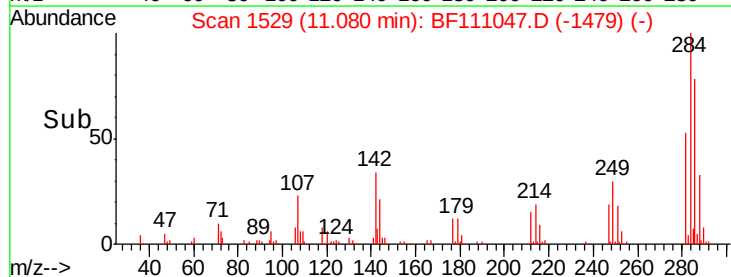
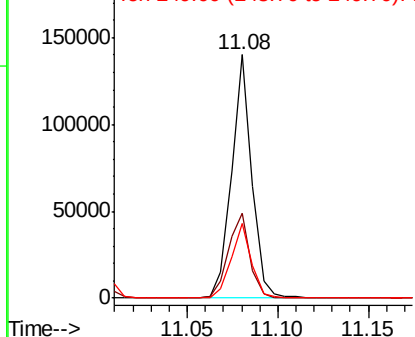


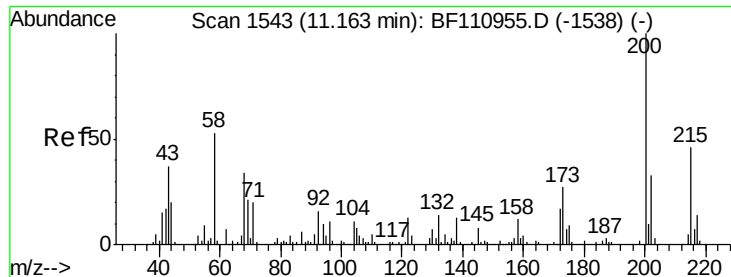
#68
Hexachlorobenzene
Concen: 46.811 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion:284 Resp: 108814
Ion Ratio Lower Upper
284 100
142 35.1 23.9 35.9
249 30.5 24.2 36.2



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





#69

Atrazine

Concen: 61.146 ng

RT: 11.16 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

Instrument :

BNA_F

ClientSampled :

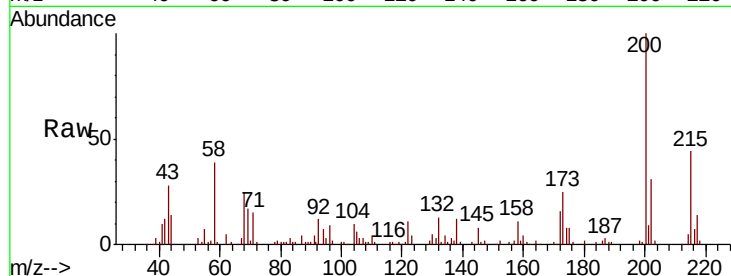
Tot Ion:200 Resp: 104971

Ion Ratio Lower Upper

200 100

173 24.9 6.6 46.6

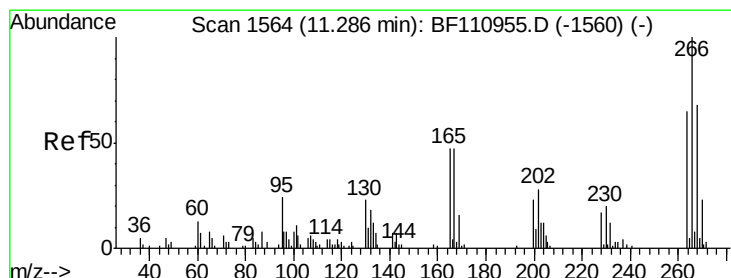
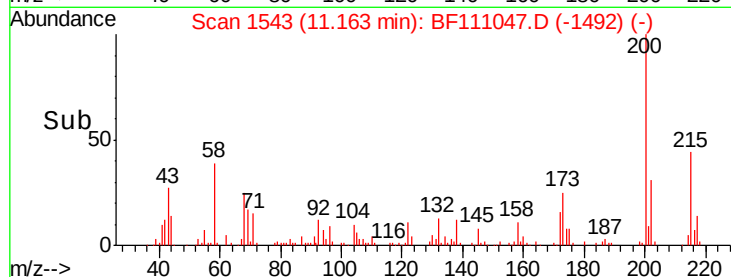
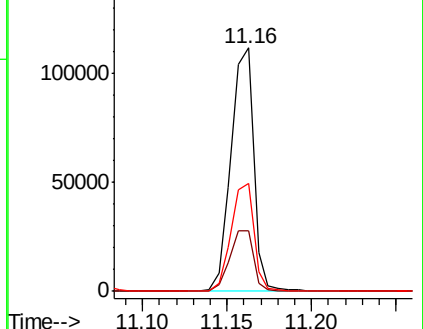
215 44.3 26.3 66.3



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: 60.921 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

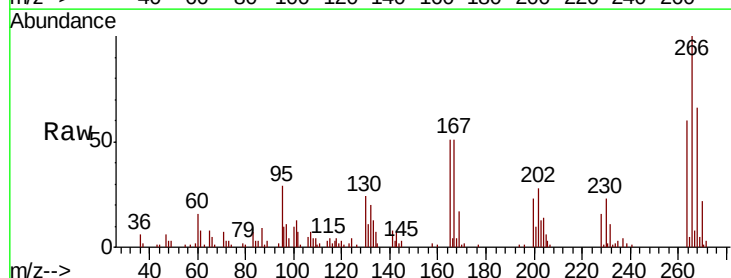
Tgt Ion:266 Resp: 56341

Ion Ratio Lower Upper

266 100

268 65.8 50.6 75.8

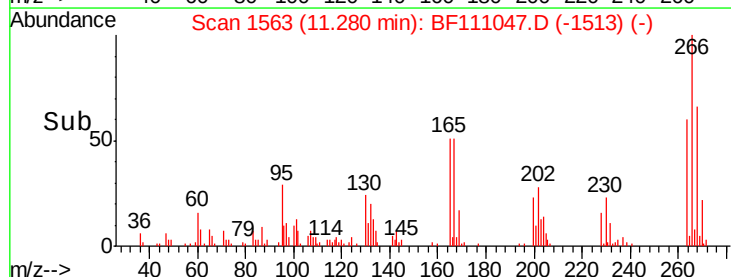
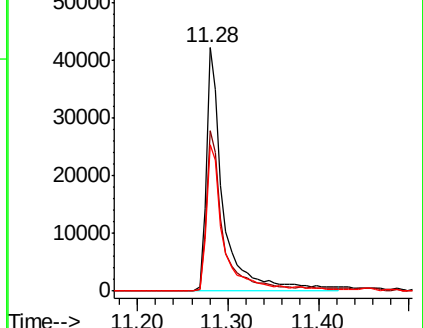
264 60.2 50.6 75.8

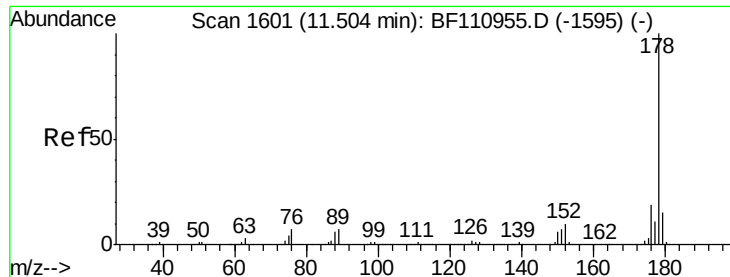


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 49.145 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

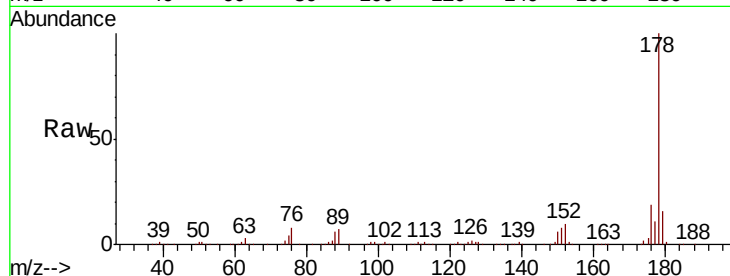
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 521584

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.5	12.5	18.7



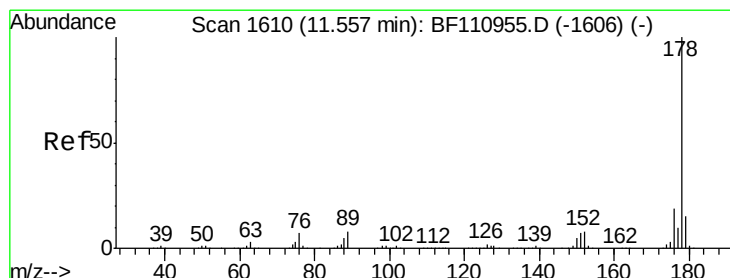
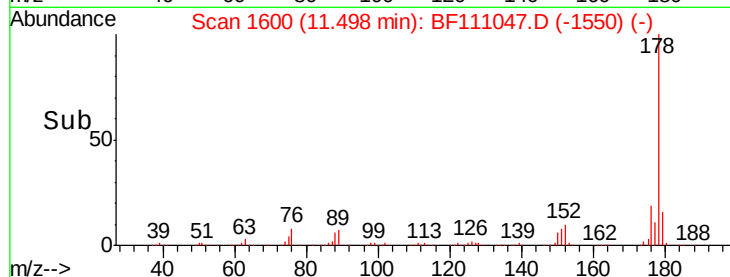
Abundance

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

Time-->



#72

Anthracene

Concen: 50.221 ng

RT: 11.55 min Scan# 1609

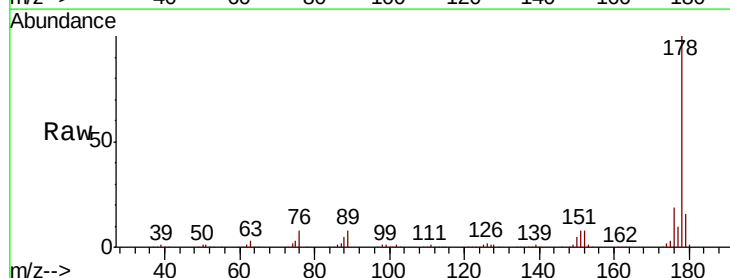
Delta R.T. -0.01 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

Tgt Ion:178 Resp: 542798

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.7	12.6	18.8



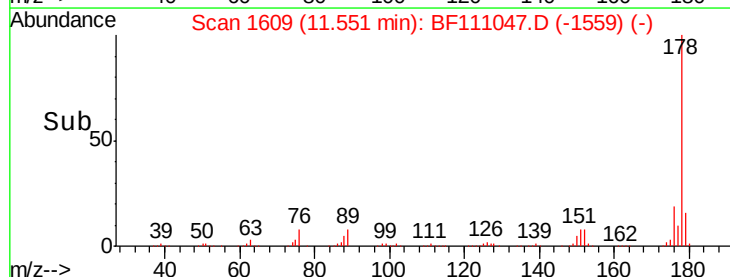
Abundance

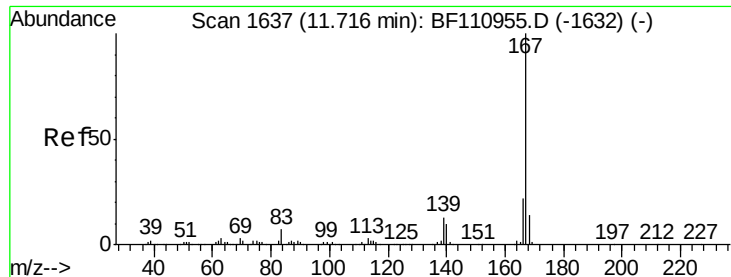
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->

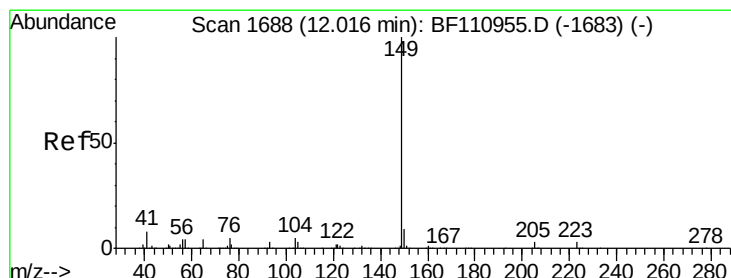
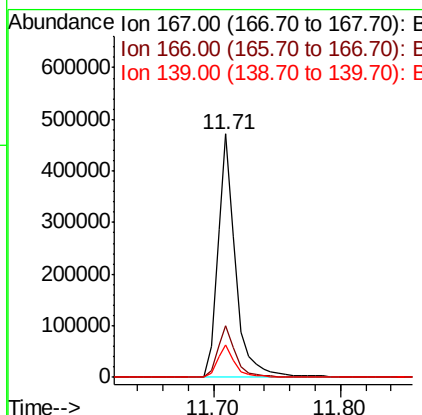
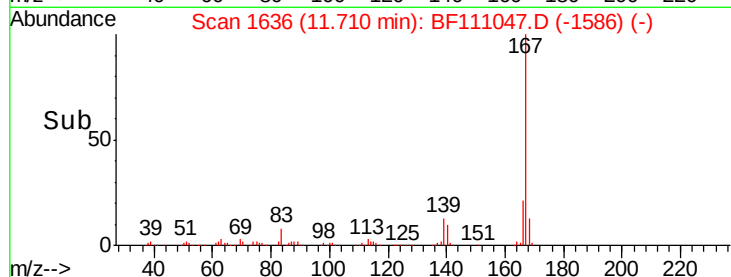
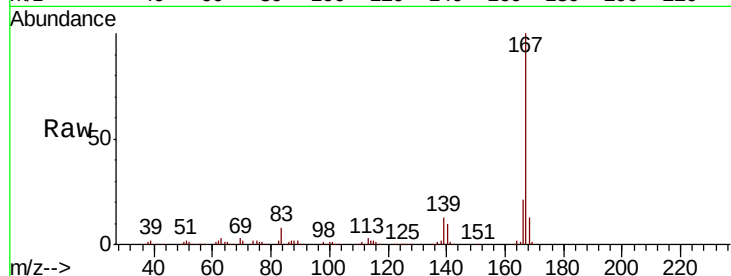




#73
 Carbazole
 Concen: 43.968 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

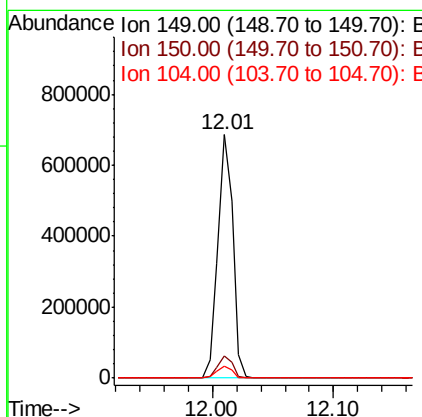
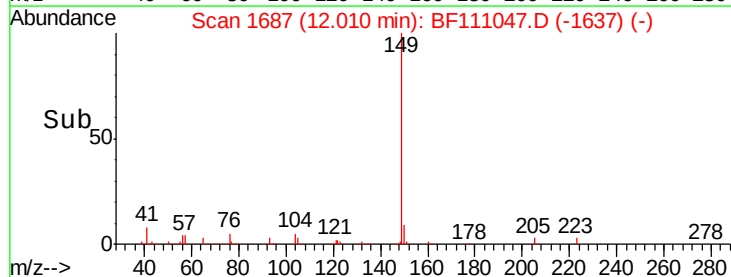
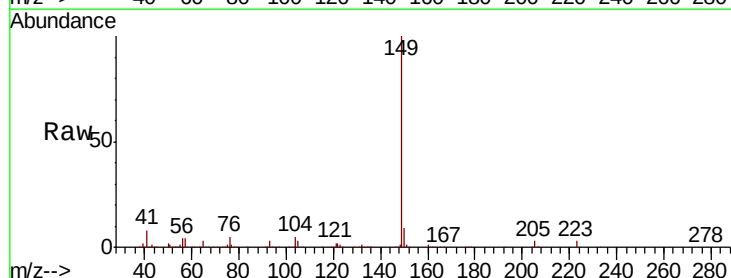
Instrument :
 BNA_F
 ClientSampleId :

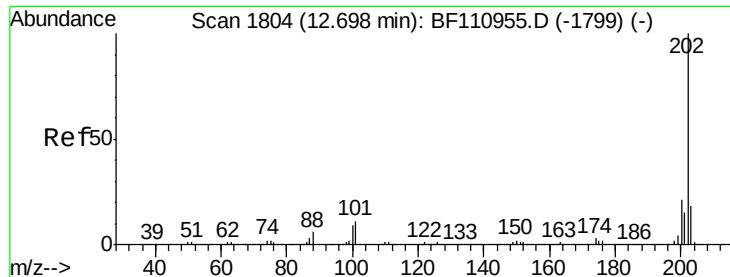
Tot Ion:167 Resp: 461251
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 13.4 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 47.283 ng
 RT: 12.01 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

Tgt Ion:149 Resp: 579954
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.1 4.2 6.4

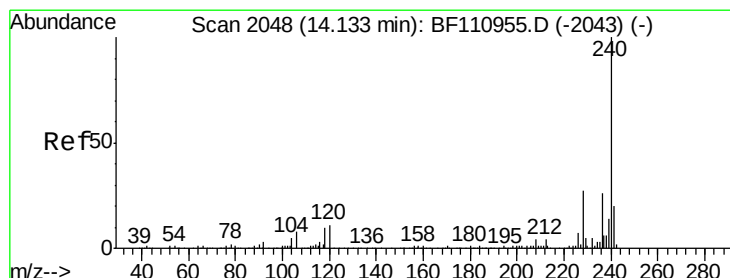
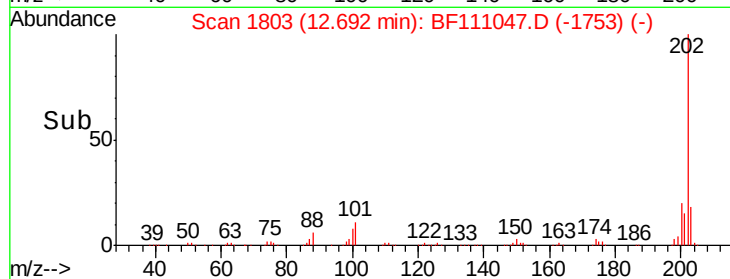
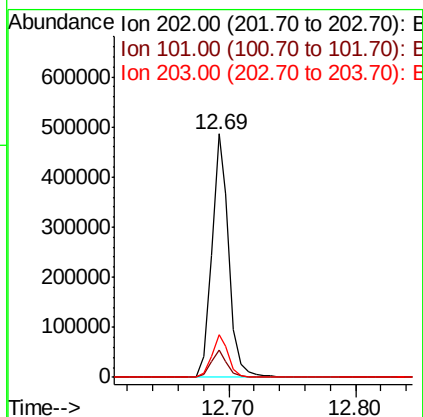
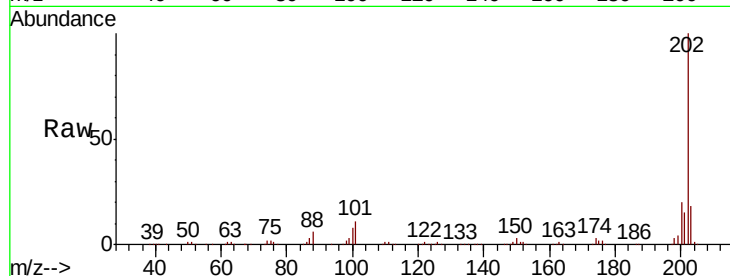




#75
 Fluoranthene
 Concen: 41.831 ng
 RT: 12.69 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

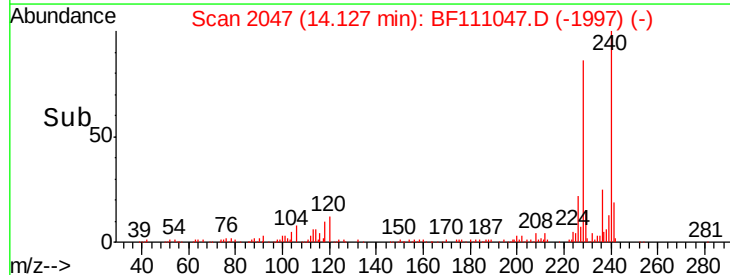
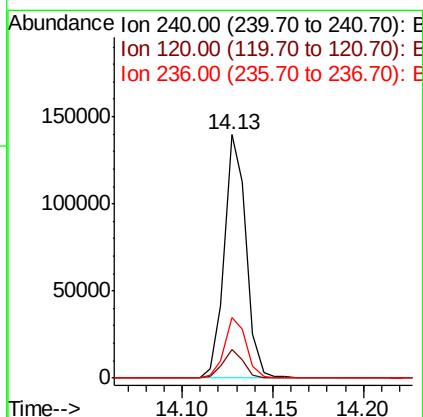
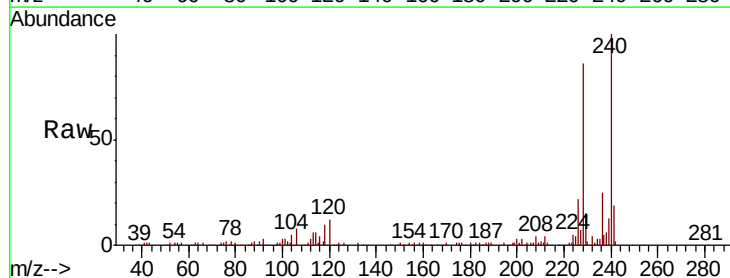
Instrument :
 BNA_F
 ClientSampleId :

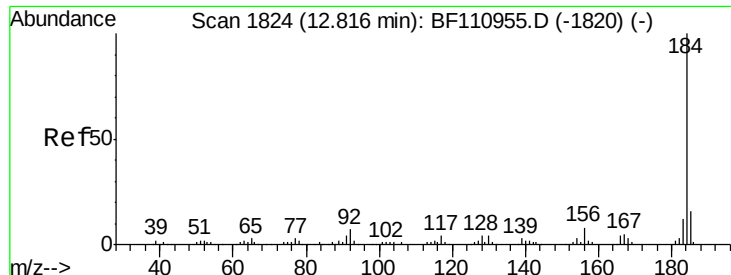
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.4
203	17.6	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF111047.D
 Acq: 28 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	24.8	21.2	31.8





#77

Benzidine

Concen: 69.171 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

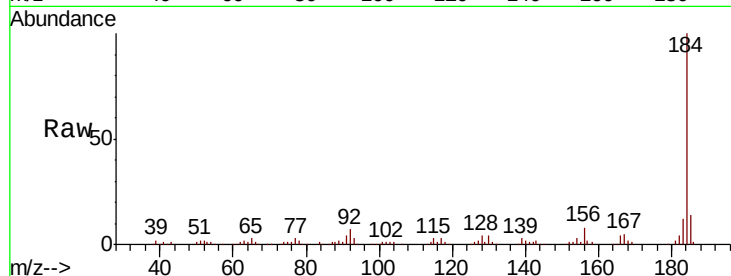
Tot Ion:184 Resp: 206549

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.2

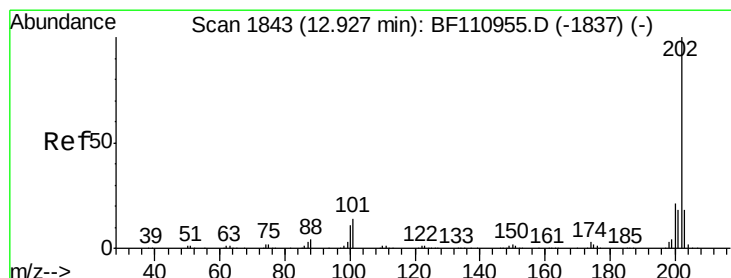
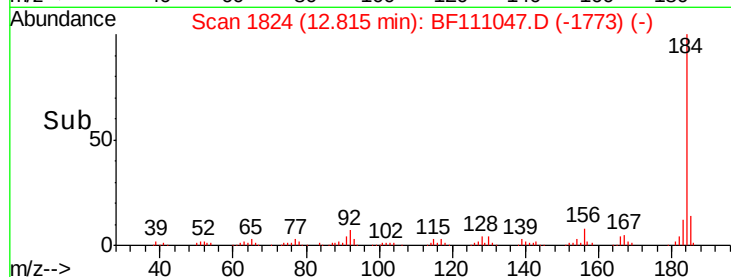
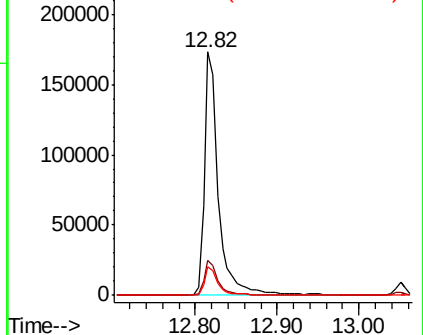
183 11.8 9.4 14.2



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: 51.339 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

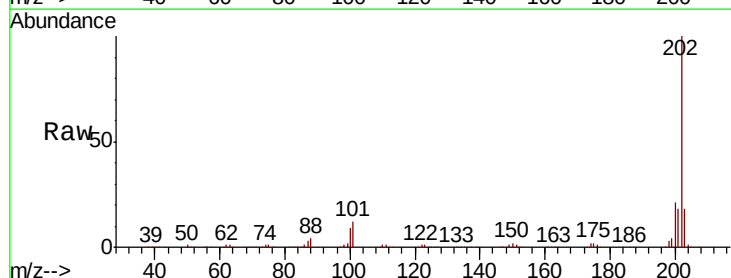
Tgt Ion:202 Resp: 437748

Ion Ratio Lower Upper

202 100

200 21.0 17.8 26.6

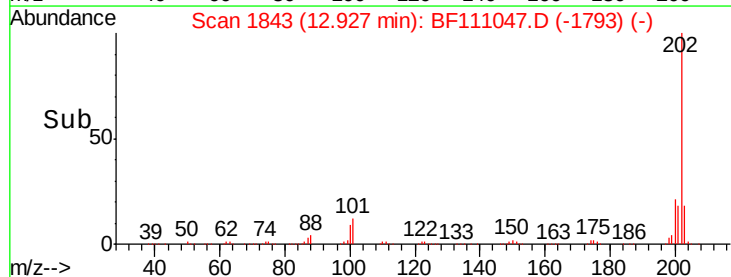
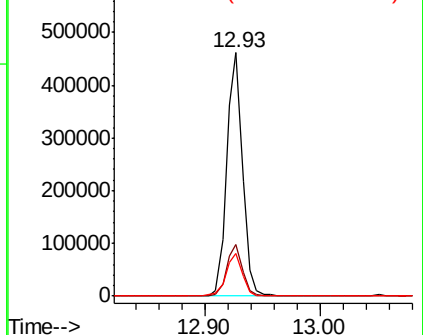
203 17.6 14.2 21.4

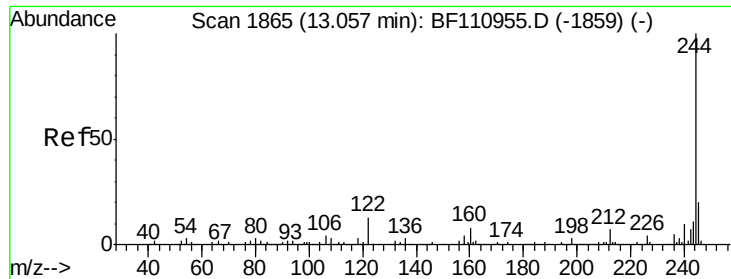


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.401 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

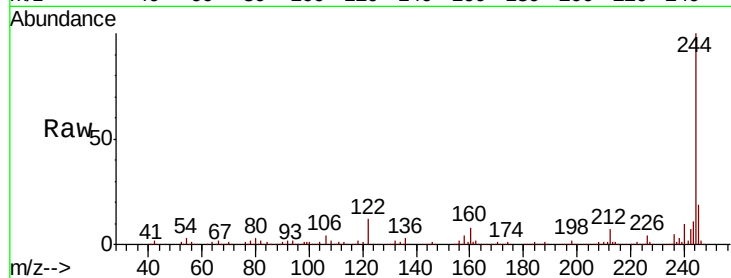
Tot Ion:244 Resp: 542149

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

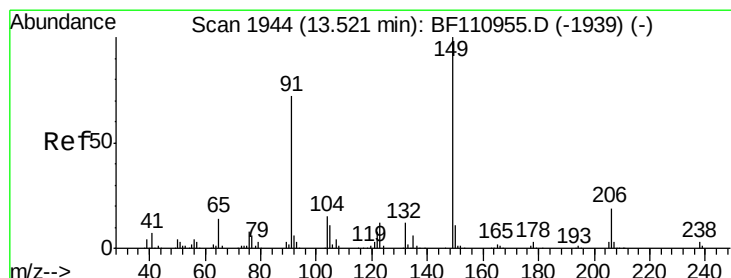
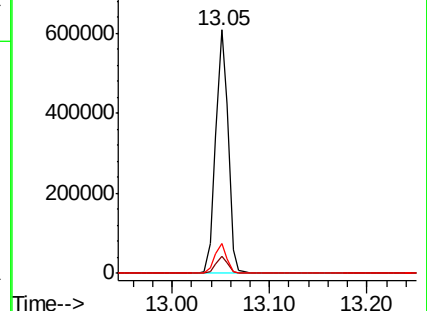
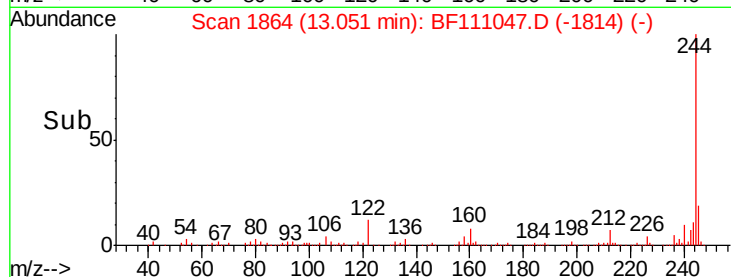
122 12.1 8.7 13.1



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: 48.566 ng

RT: 13.52 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

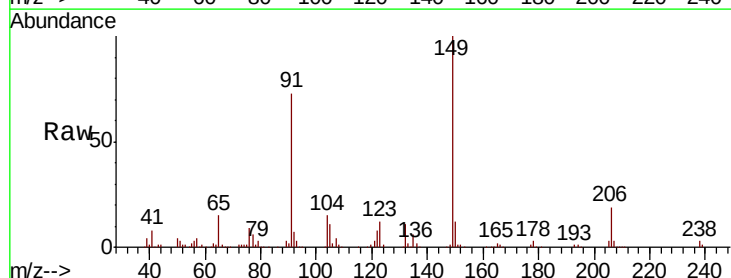
Tgt Ion:149 Resp: 186958

Ion Ratio Lower Upper

149 100

91 72.6 57.2 85.8

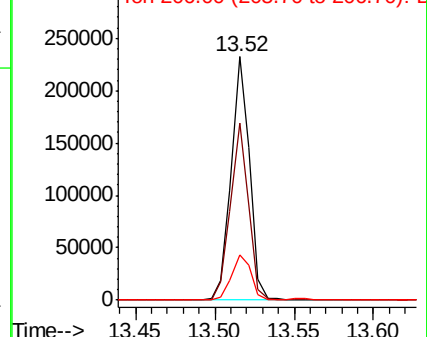
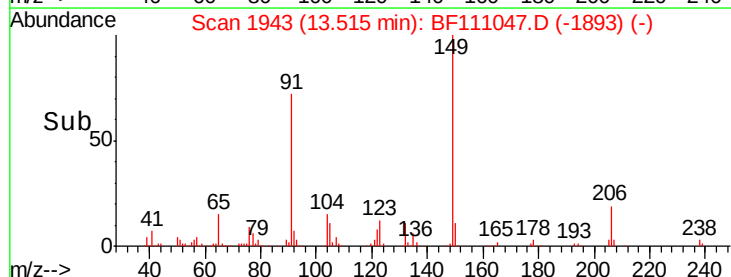
206 18.8 15.7 23.5

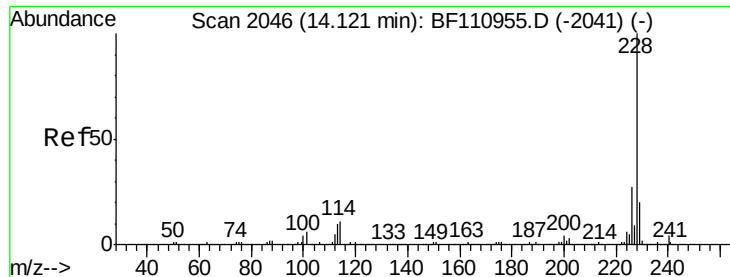


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

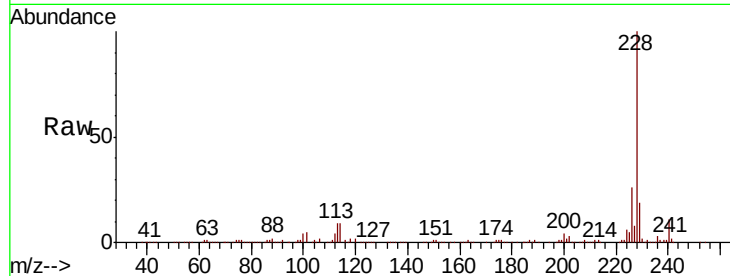




#81
Benzo(a)anthracene
Concen: 49.995 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.1	33.1
229	19.2	15.6	23.4

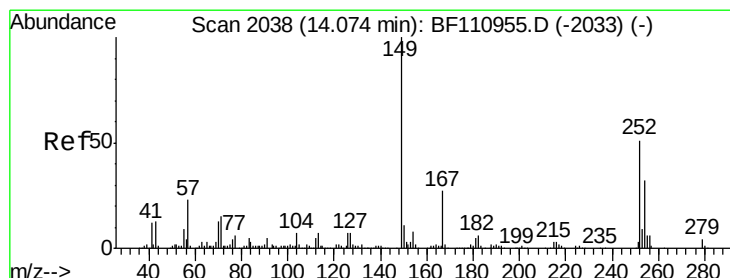
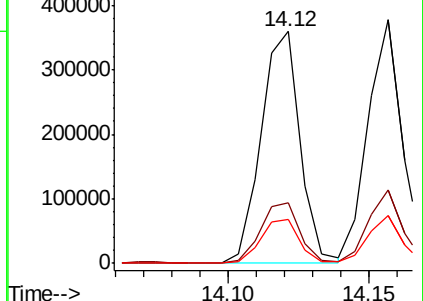
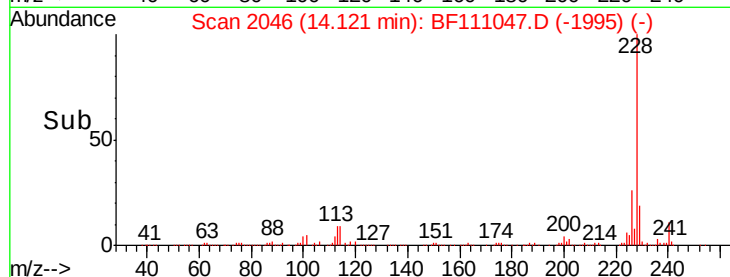


Abundance

Ion 228.00 (227.70 to 228.70): E

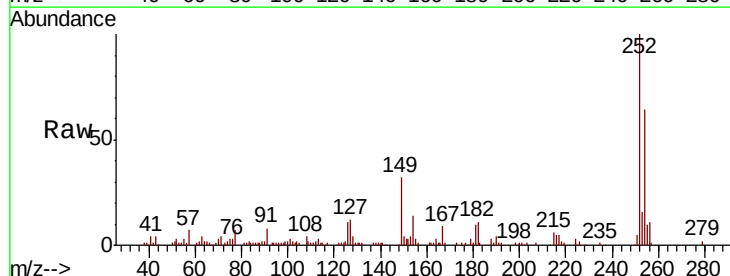
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 40.740 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.3	76.9
126	11.5	9.4	14.2

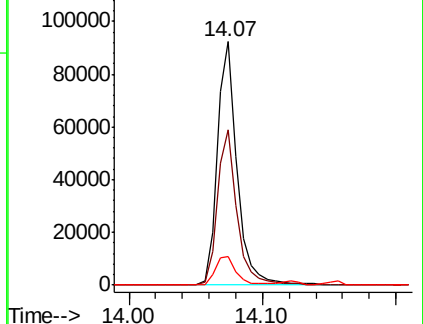
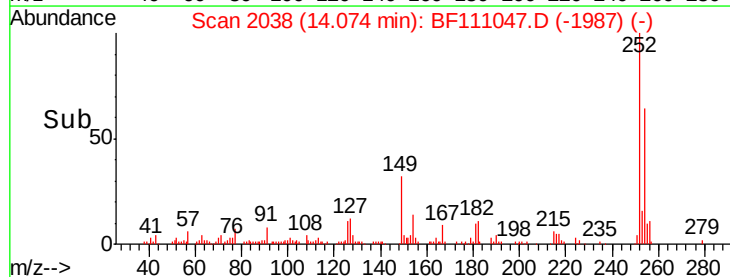


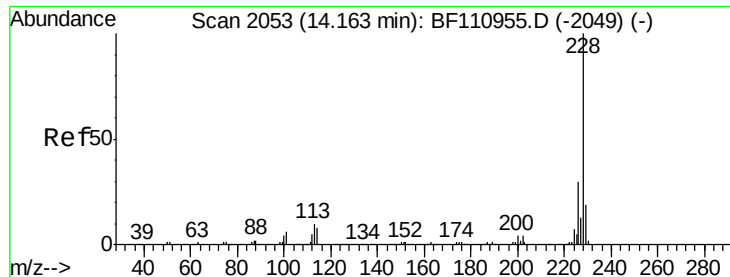
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.367 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

Instrument :

BNA_F

ClientSampled :

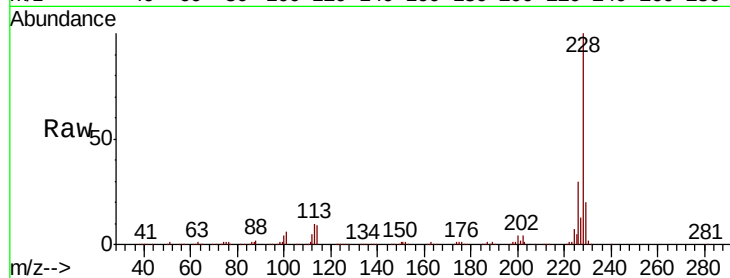
Tot Ion:228 Resp: 328167

Ion Ratio Lower Upper

228 100

226 30.1 24.7 37.1

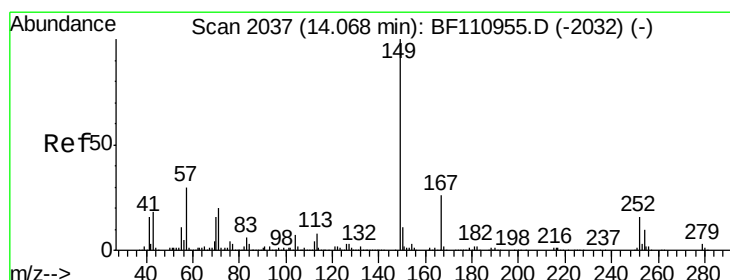
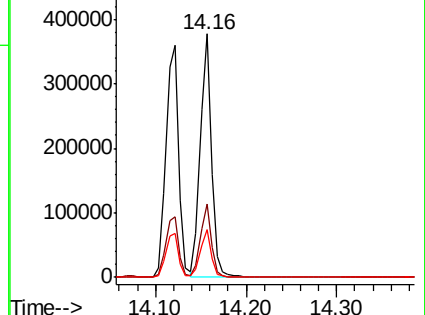
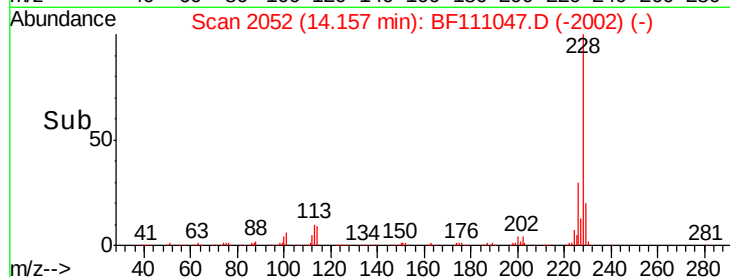
229 19.7 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.619 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF111047.D

Acq: 28 Nov 2018 16:02

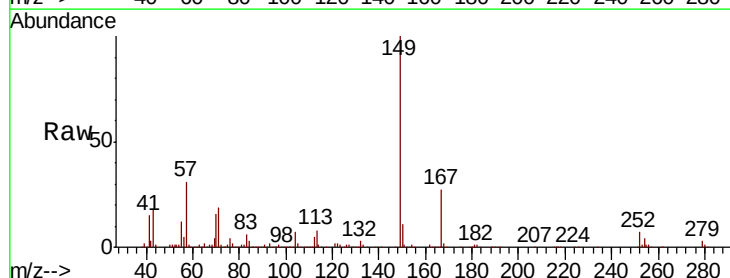
Tgt Ion:149 Resp: 244264

Ion Ratio Lower Upper

149 100

167 26.8 19.8 29.8

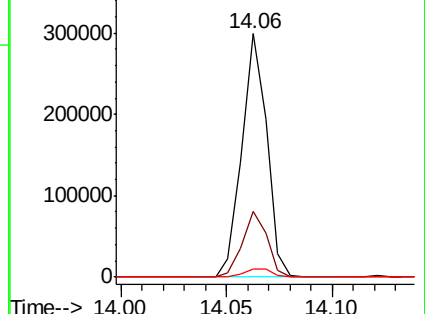
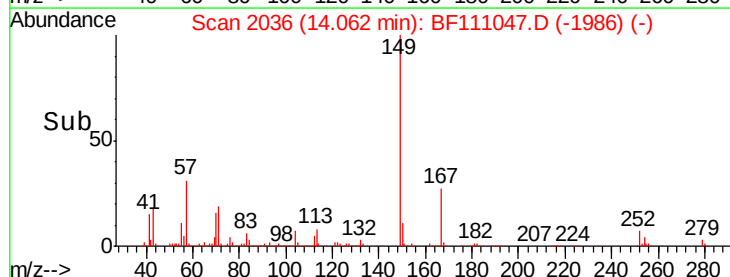
279 3.3 2.7 4.1

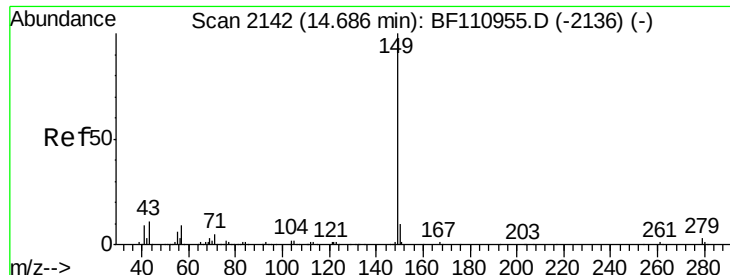


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

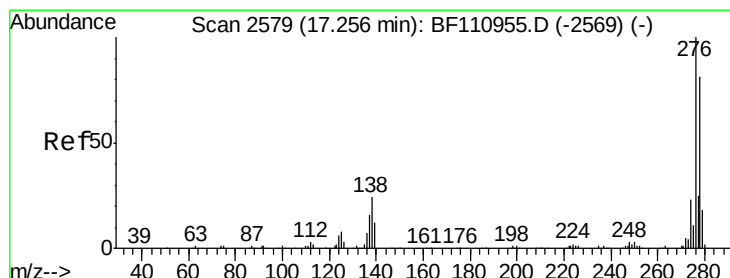
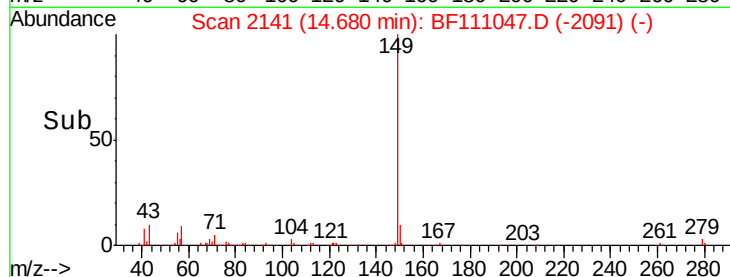
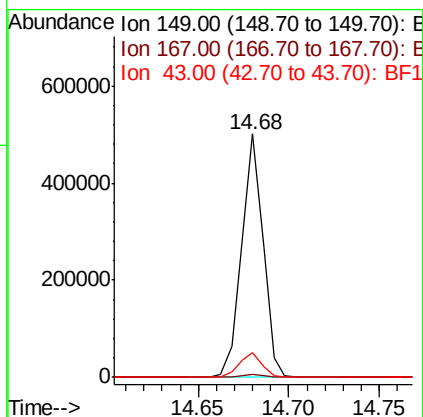
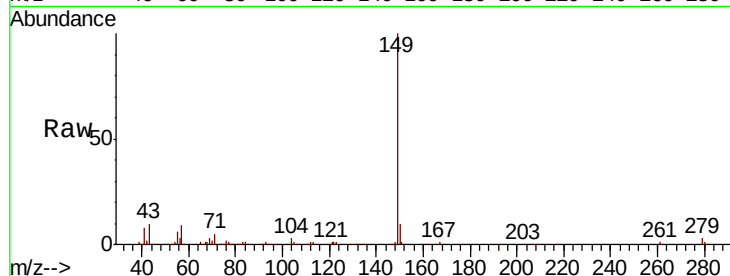




#85
Di-n-octyl phthalate
Concen: 50.966 ng
RT: 14.68 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

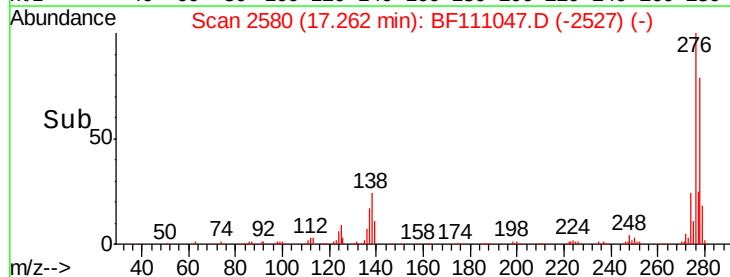
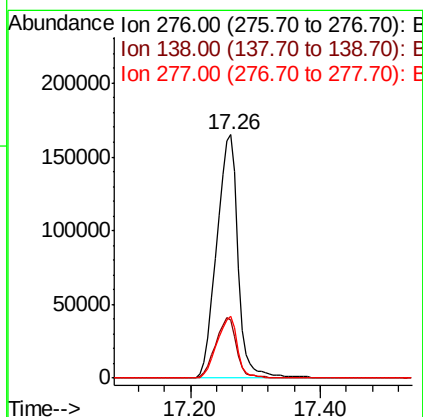
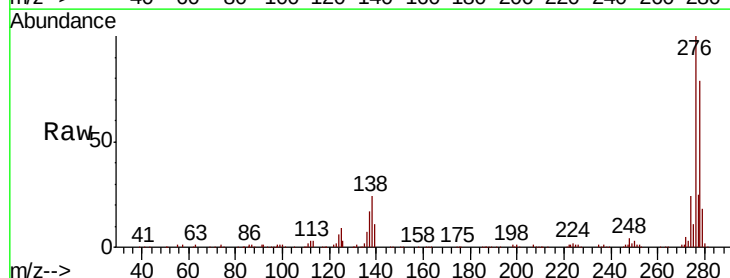
Instrument :
BNA_F
ClientSampleId :

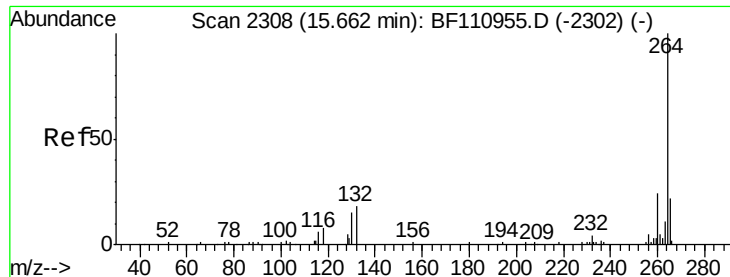
Tot Ion:149 Resp: 412672
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.3 7.8 11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 76.913 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion:276 Resp: 374581
Ion Ratio Lower Upper
276 100
138 24.6 18.5 27.7
277 24.7 20.0 30.0



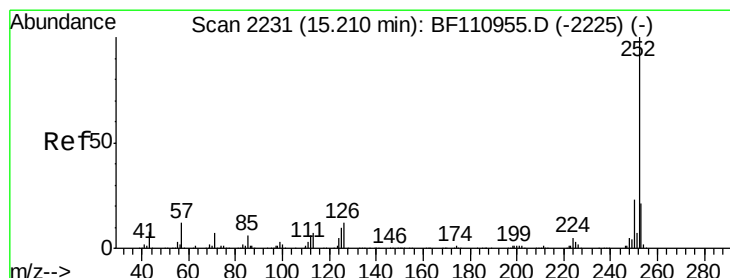
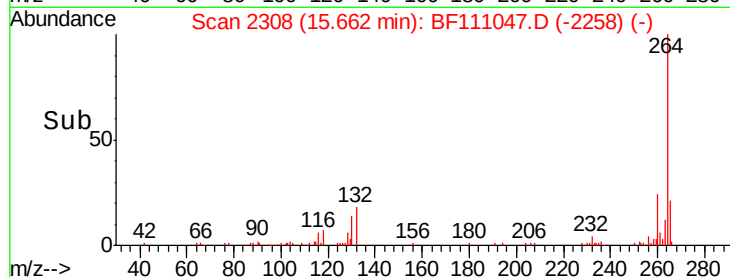
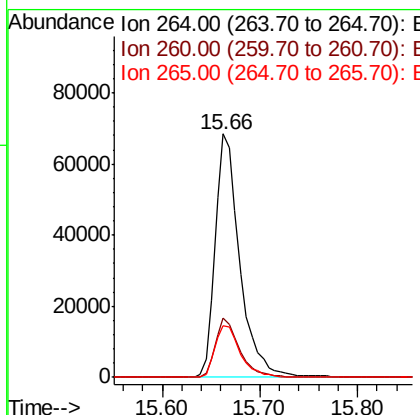
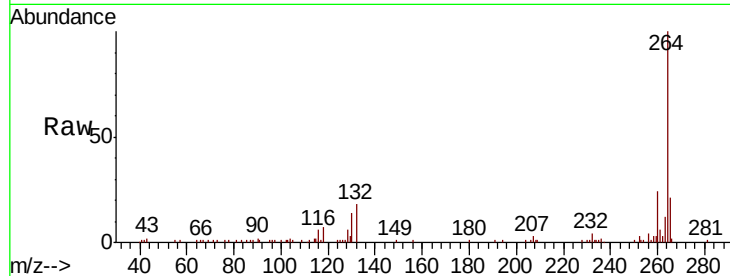


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 119251

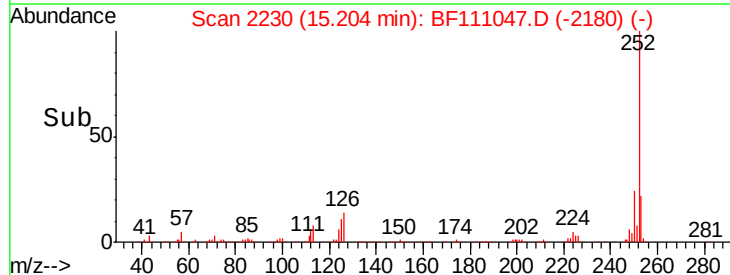
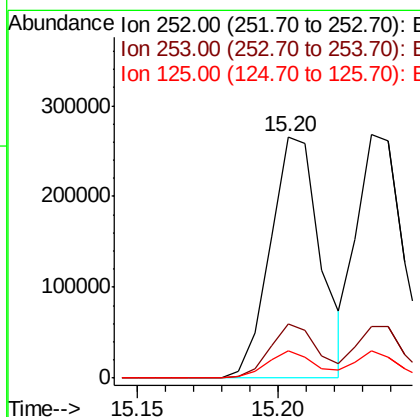
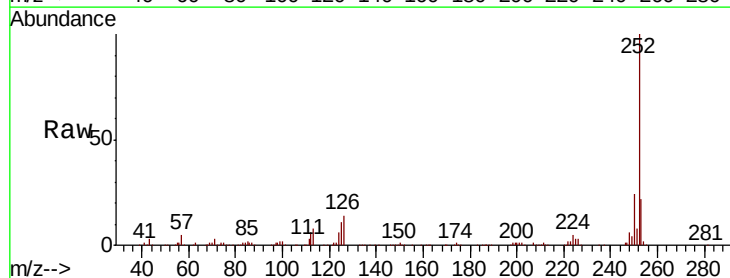
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.2	16.7	25.1

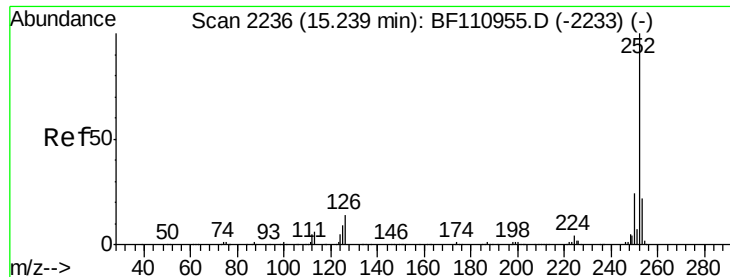


#88
Benzo(b)fluoranthene
Concen: 46.932 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion:252 Resp: 328785

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	11.3	8.2	12.4

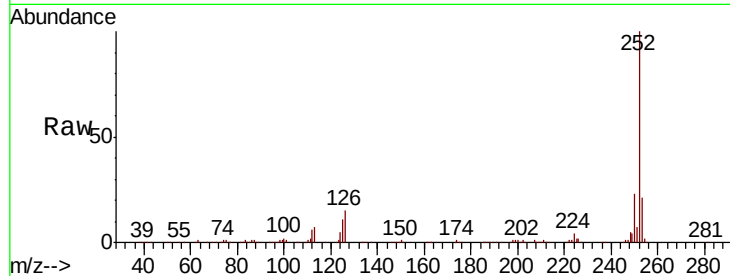




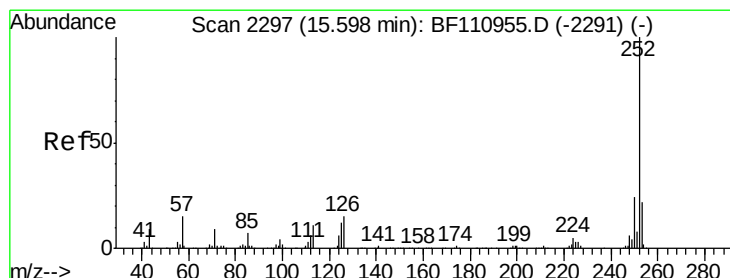
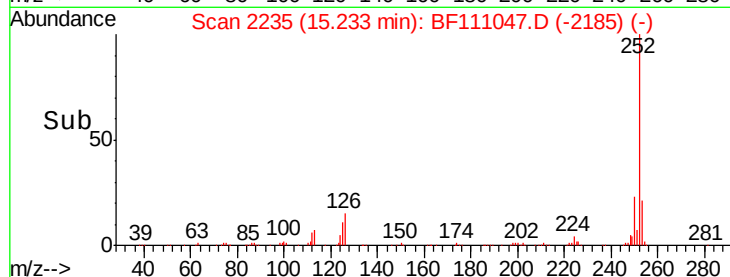
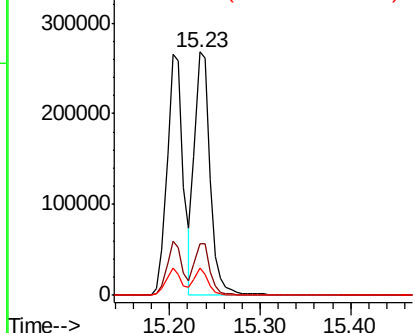
#89
Benzo(k)fluoranthene
Concen: 44.373 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 319963
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 11.0 7.4 11.0

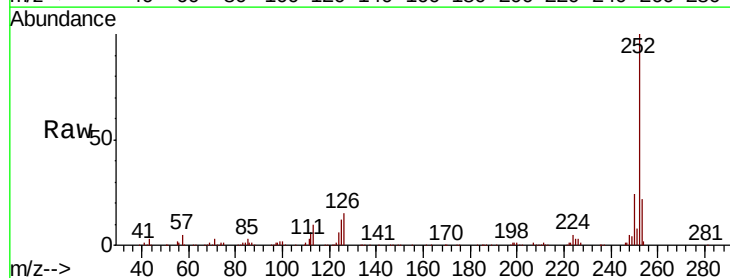


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

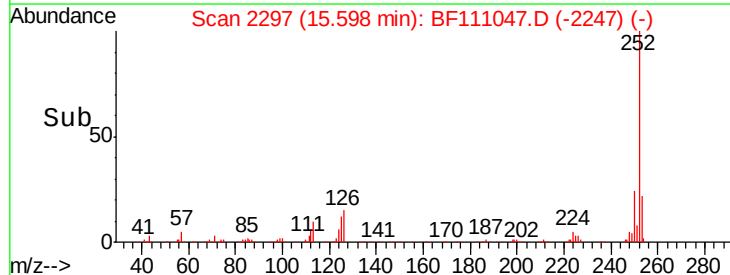
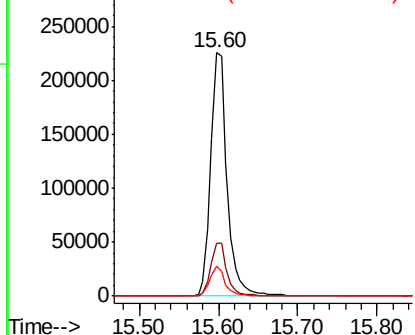


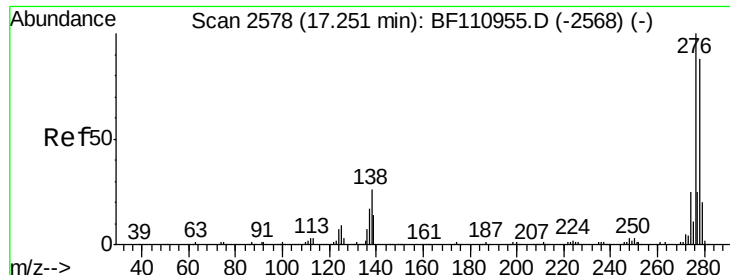
#90
Benzo(a)pyrene
Concen: 49.895 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion:252 Resp: 325361
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 12.2 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



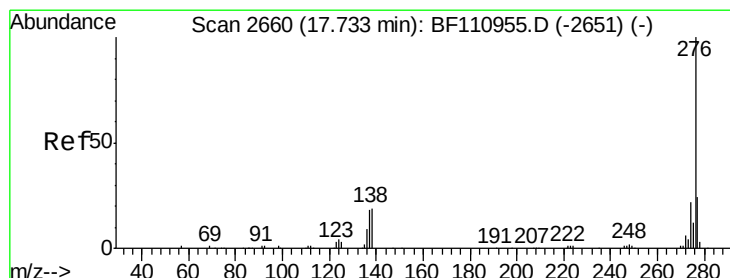
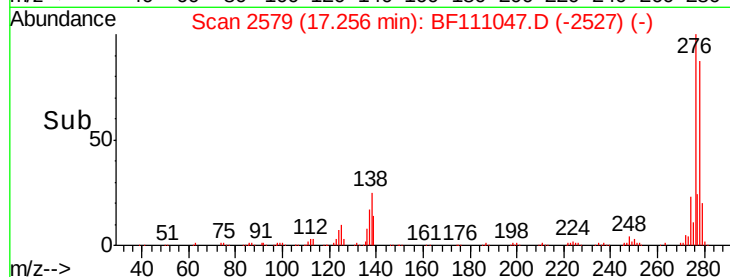
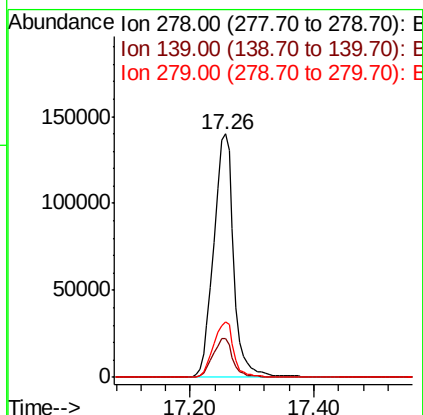
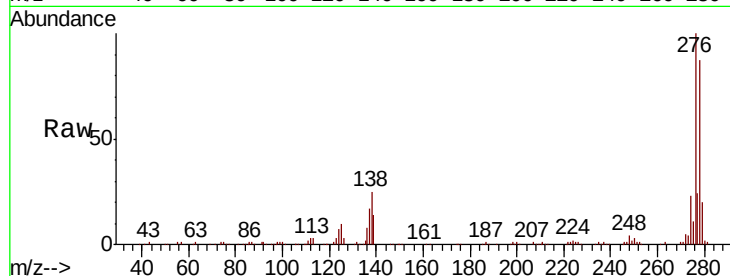


#91
Dibenzo(a,h)anthracene
Concen: 58.425 ng
RT: 17.26 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 314347

Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.7	19.1
279	22.8	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 57.621 ng
RT: 17.74 min Scan# 2661
Delta R.T. -0.00 min
Lab File: BF111047.D
Acq: 28 Nov 2018 16:02

Tgt Ion:276 Resp: 298917

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	21.3	16.0	24.0

