

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110957.D
 Acq On : 26 Nov 2018 11:53
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 12:40:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 11:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	66957	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	288730	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	139416	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	265125	20.00	ng	0.00
76) Chrysene-d12	14.13	240	189315	20.00	ng	0.00
87) Perylene-d12	15.67	264	139683	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	493659	119.76	ng	0.00
7) Phenol-d6	6.57	99	618248	117.29	ng	0.00
23) Nitrobenzene-d5	7.52	82	597308	119.14	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	162881	115.95	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	1065799	109.18	ng	0.00
79) Terphenyl-d14	13.06	244	1122932	111.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	117991	57.448	ng	89
3) Pyridine	3.54	79	261204	58.918	ng	# 84
4) n-Nitrosodimethylamine	3.52	42	121419	63.830	ng	88
6) Aniline	6.61	93	390938	56.870	ng	# 56
8) 2-Chlorophenol	6.73	128	284353	58.843	ng	99
9) Benzaldehyde	6.50	77	147531	49.324	ng	99
10) Phenol	6.59	94	361327	59.115	ng	# 68
11) bis(2-Chloroethyl)ether	6.67	93	266364	58.149	ng	94
12) 1,3-Dichlorobenzene	6.88	146	311465	58.908	ng	98
13) 1,4-Dichlorobenzene	6.96	146	313290	58.350	ng	97
14) 1,2-Dichlorobenzene	7.11	146	296062	59.275	ng	100
15) Benzyl Alcohol	7.09	79	241465	58.536	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.21	45	414634	57.640	ng	74
17) 2-Methylphenol	7.19	107	224181	58.291	ng	# 86
18) Hexachloroethane	7.44	117	117530	59.294	ng	92
19) n-Nitroso-di-n-propylamine	7.36	70	203431	60.459	ng	96
20) 3+4-Methylphenols	7.35	107	291811	59.108	ng	95
22) Acetophenone	7.36	105	392028	58.259	ng	96
24) Nitrobenzene	7.53	77	305468	59.467	ng	93
25) Isophorone	7.76	82	493345	60.037	ng	98
26) 2-Nitrophenol	7.85	139	158196	61.733	ng	96
27) 2,4-Dimethylphenol	7.87	122	231240	59.251	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	329384	59.202	ng	99
29) 2,4-Dichlorophenol	8.09	162	241033	60.022	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	264894	58.506	ng	95
31) Naphthalene	8.25	128	780225	57.563	ng	100
32) Benzoic acid	8.05	122	176826	64.037	ng	97
33) 4-Chloroaniline	8.30	127	335723	54.682	ng	100
34) Hexachlorobutadiene	8.35	225	150496	58.194	ng	99
35) Caprolactam	8.70	113	82930	61.812	ng	90
36) 4-Chloro-3-methylphenol	8.78	107	265051	61.199	ng	97
37) 2-Methylnaphthalene	8.93	142	516219	58.097	ng	99
38) 1-Methylnaphthalene	9.03	142	500154	58.530	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	257108	58.261	ng	99

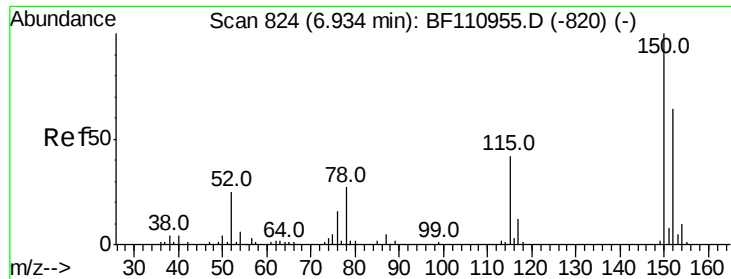
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	37473	26.465	nq	98
43) 2,4,6-Trichlorophenol	9.22	196	160493	57.874	nq	96
44) 2,4,5-Trichlorophenol	9.27	196	164773	55.702	nq	94
46) 1,1'-Biphenyl	9.40	154	744349	57.233	nq	99
47) 2-Chloronaphthalene	9.43	162	544490	58.112	nq	99
48) 2-Nitroaniline	9.54	65	175041	60.624	nq	94
49) Acenaphthylene	9.85	152	767088	56.848	nq	99
50) Dimethylphthalate	9.70	163	591765	56.885	nq	99
51) 2,6-Dinitrotoluene	9.78	165	138421	60.488	nq	86
52) Acenaphthene	10.02	154	491306	57.614	nq	98
53) 3-Nitroaniline	9.96	138	157759	59.504	nq	86
54) 2,4-Dinitrophenol	10.07	184	44628	55.198	nq	89
55) Dibenzofuran	10.19	168	696180	55.801	nq	97
56) 4-Nitrophenol	10.12	139	86615	49.244	nq	98
57) 2,4-Dinitrotoluene	10.19	165	173271	58.234	nq	94
58) Fluorene	10.53	166	558439	58.274	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	129459	55.631	nq	93
60) Diethylphthalate	10.40	149	606942	58.974	nq	100
61) 4-Chlorophenyl-phenylether	10.52	204	289983	58.443	nq	96
62) 4-Nitroaniline	10.58	138	146605	54.913	nq	97
63) Azobenzene	10.68	77	593754	59.133	nq	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	81510	61.002	nq	82
66) n-Nitrosodiphenylamine	10.65	169	514935	57.622	nq	97
67) 4-Bromophenyl-phenylether	11.01	248	169471	57.837	nq	# 89
68) Hexachlorobenzene	11.09	284	180386	58.391	nq	# 89
69) Atrazine	11.16	200	108324	39.644	nq	98
70) Pentachlorophenol	11.29	266	74936	45.459	nq	97
71) Phenanthrene	11.50	178	810966	57.094	nq	100
72) Anthracene	11.56	178	816374	56.976	nq	99
73) Carbazole	11.72	167	797714	57.971	nq	100
74) Di-n-butylphthalate	12.02	149	935357	57.965	nq	99
75) Fluoranthene	12.70	202	831617	58.398	nq	99
77) Benzidine	12.82	184	195261	37.505	nq	98
78) Pyrene	12.93	202	833542	57.183	nq	98
80) Butylbenzylphthalate	13.52	149	386114	61.542	nq	97
81) Benzo(a)anthracene	14.13	228	670892	59.289	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	207190	54.658	nq	98
83) Chrysene	14.16	228	644980	59.829	nq	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	509686	65.486	nq	98
85) Di-n-octyl phthalate	14.69	149	782273	68.349	nq	98
86) Indeno(1,2,3-cd)pyrene	17.26	276	475498	61.466	nq	98
88) Benzo(b)fluoranthene	15.21	252	484795	58.015	nq	99
89) Benzo(k)fluoranthene	15.21	252	484795	58.713	nq	99
90) Benzo(a)pyrene	15.60	252	457893	60.310	nq	97
91) Dibenzo(a,h)anthracene	17.26	278	398612	62.041	nq	99
92) Benzo(g,h,i)perylene	17.74	276	392601	61.587	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF110957.D

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Instrument :
BNA_F
ClientSampleId :

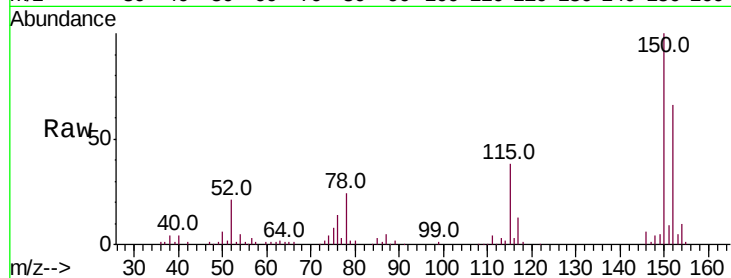
Tot Ion:152 Resp: 66957

Ion Ratio Lower Upper

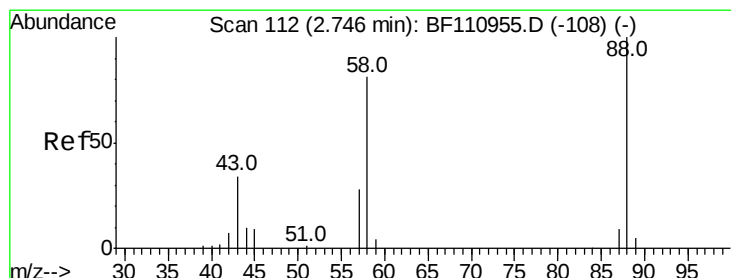
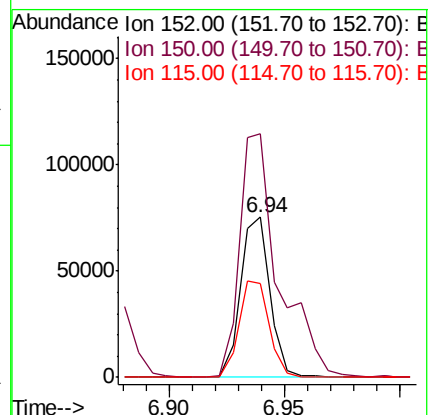
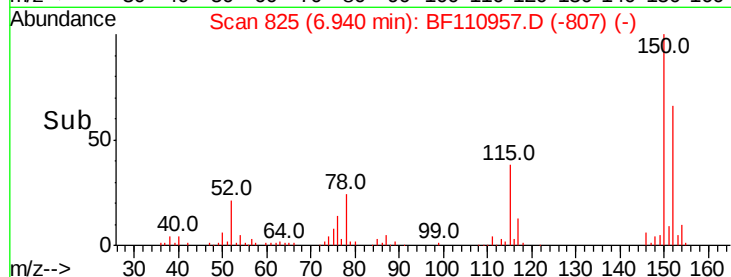
152 100

150 152.1 122.7 184.1

115 58.4 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: 57.448 ng

RT: 2.75 min Scan# 112

Delta R.T. 0.00 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

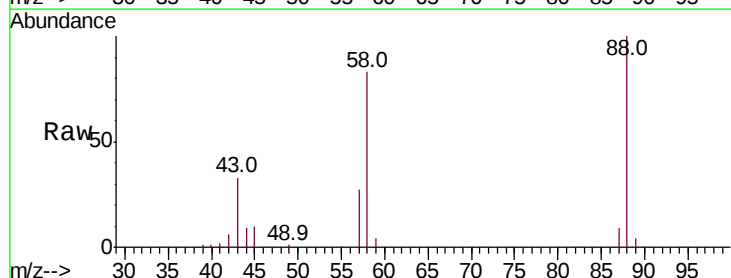
Tgt Ion: 88 Resp: 117991

Ion Ratio Lower Upper

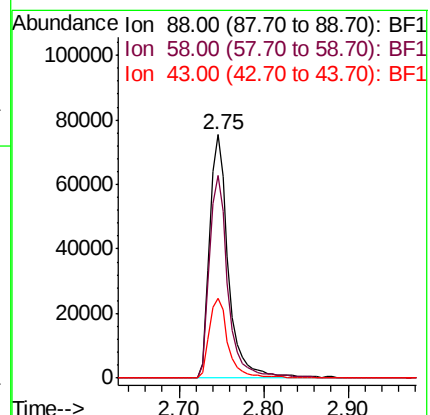
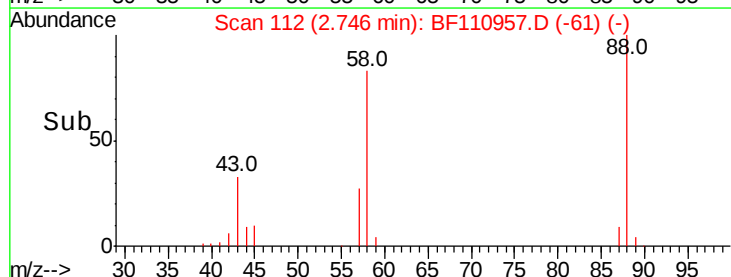
88 100

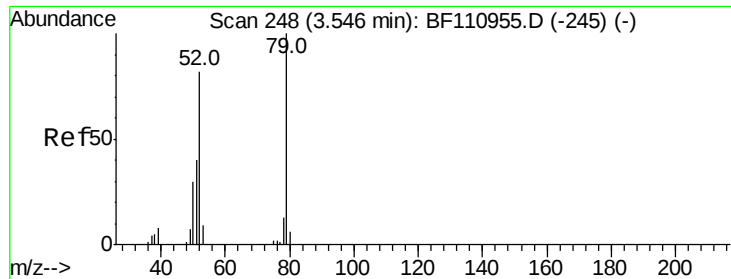
58 82.3 57.1 85.7

43 32.9 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

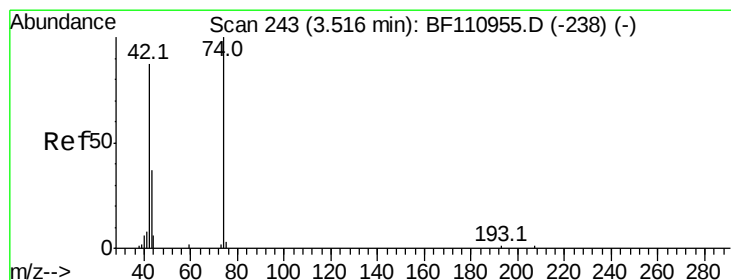
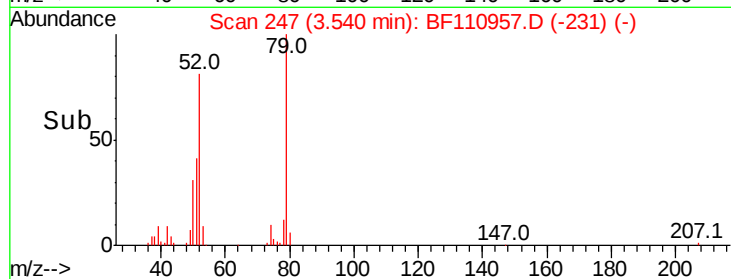
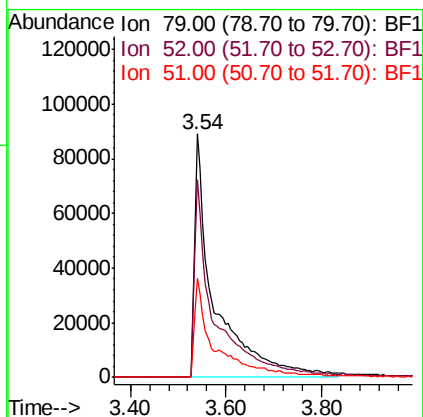
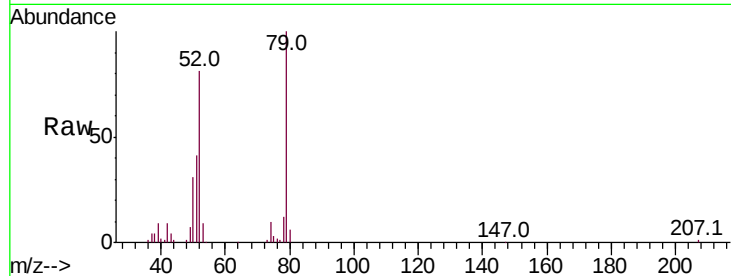




#3
 Pvridine
 Concen: 58.918 ng
 RT: 3.54 min Scan# 247
 Delta R.T. -0.01 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

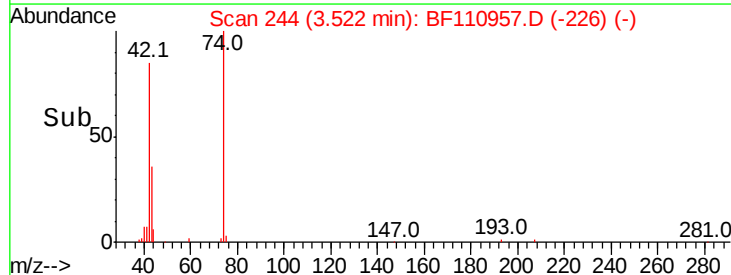
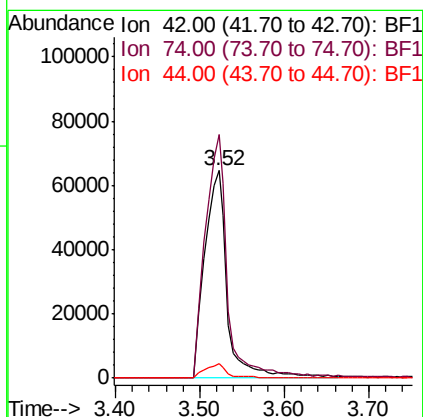
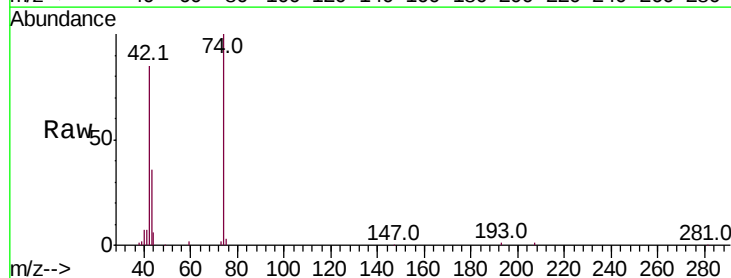
Instrument :
 BNA_F
 ClientSampleId :

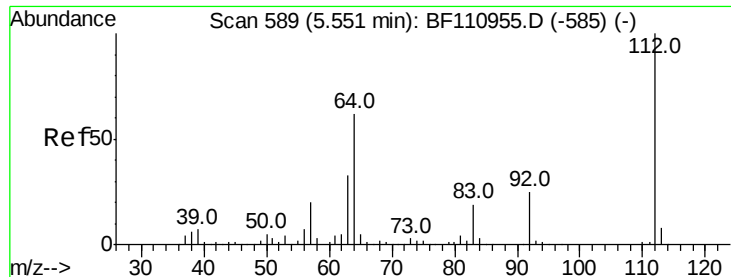
Tot Ion: 79 Resp: 261204
 Ion Ratio Lower Upper
 79 100
 52 81.2 53.1 79.7#
 51 40.9 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 63.830 ng
 RT: 3.52 min Scan# 244
 Delta R.T. 0.01 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

Tgt Ion: 42 Resp: 121419
 Ion Ratio Lower Upper
 42 100
 74 117.4 105.5 158.3
 44 7.1 4.9 7.3





#5

2-Fluorophenol

Concen: 119.757 ng

RT: 5.56 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

Instrument :
BNA_F
ClientSampleId :

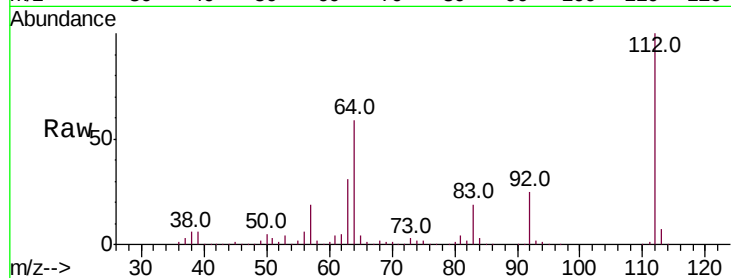
Tot Ion:112 Resp: 493659

Ion Ratio Lower Upper

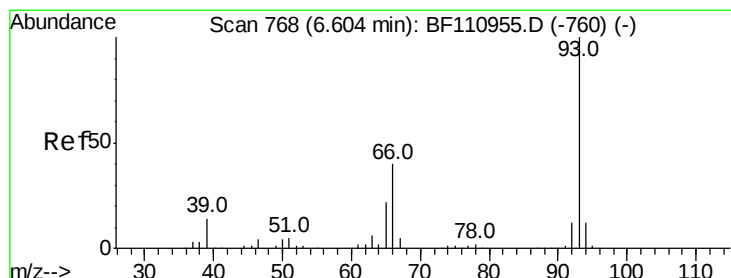
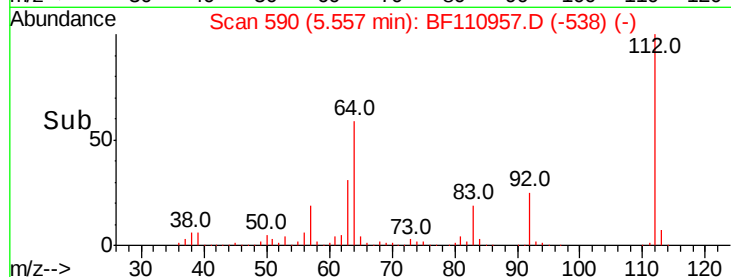
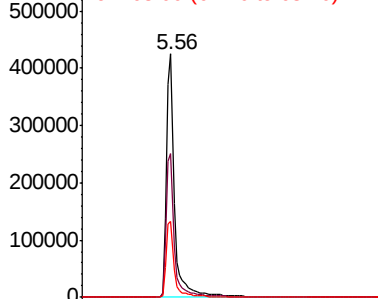
112 100

64 59.1 44.1 66.1

63 31.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 56.870 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

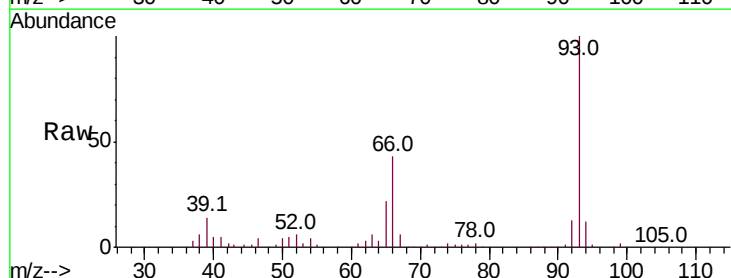
Tgt Ion: 93 Resp: 390938

Ion Ratio Lower Upper

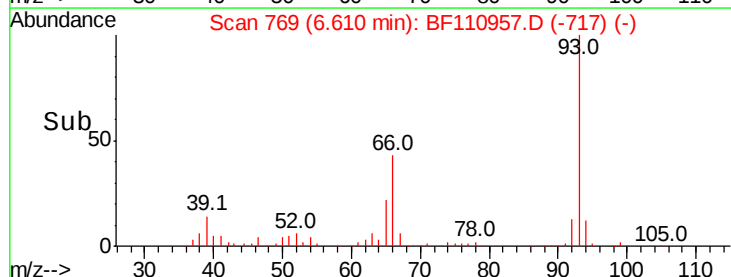
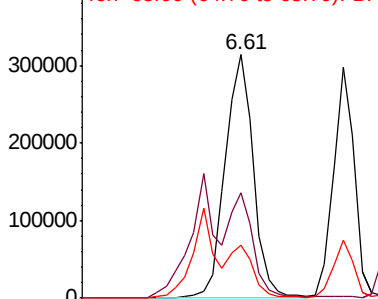
93 100

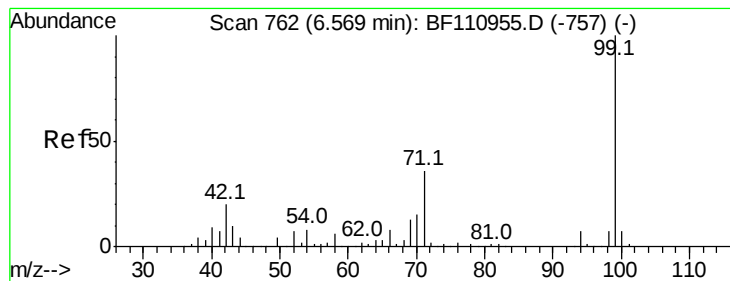
66 43.2 67.4 101.0#

65 22.0 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: 117.287 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

Instrument :

BNA_F

ClientSampleId :

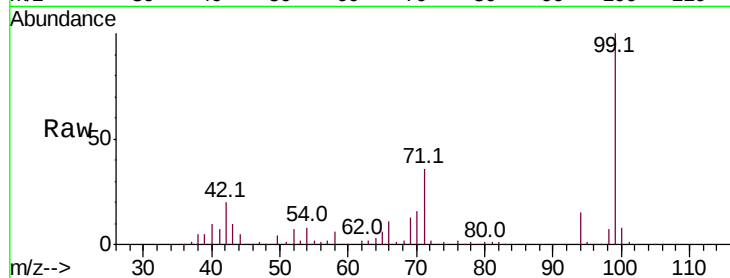
Tot Ion: 99 Resp: 618248

Ion Ratio Lower Upper

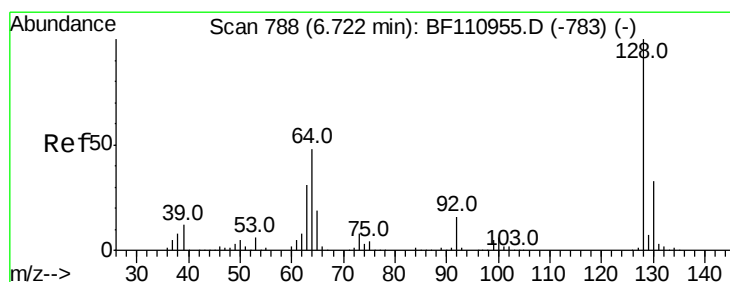
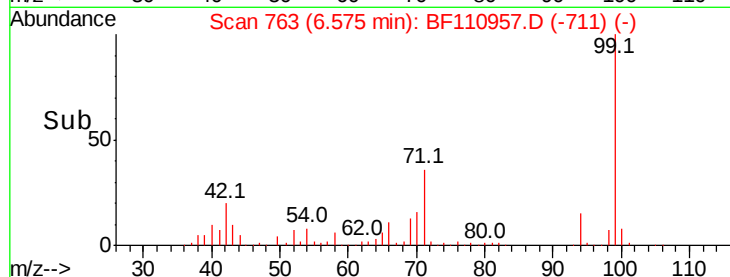
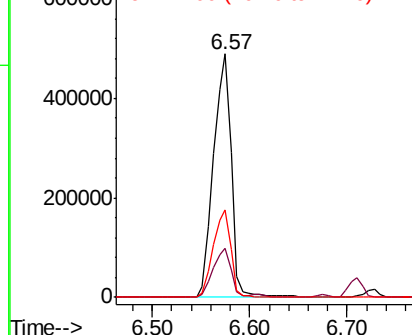
99 100

42 20.1 15.8 23.6

71 35.8 28.0 42.0



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



#8

2-Chlorophenol

Concen: 58.843 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

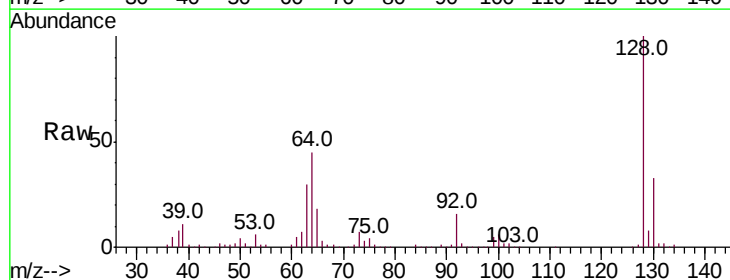
Tgt Ion:128 Resp: 284353

Ion Ratio Lower Upper

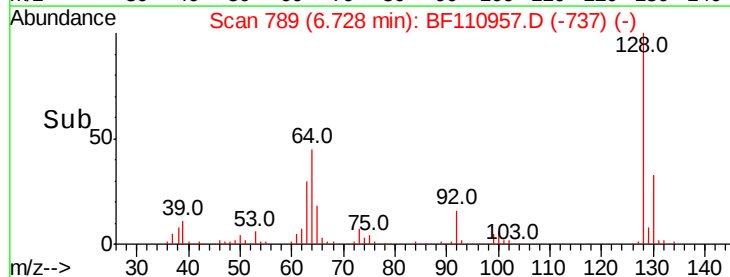
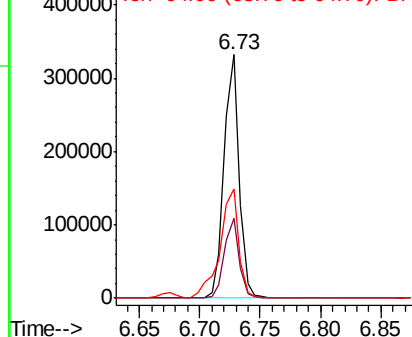
128 100

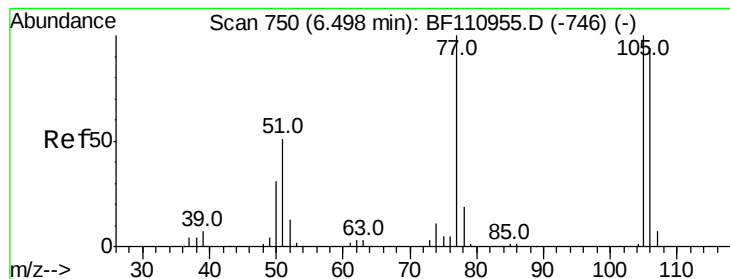
130 32.7 13.1 53.1

64 45.1 26.0 66.0



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





#9

Benzaldehyde

Concen: 49.324 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

Instrument :

BNA_F

ClientSampleId :

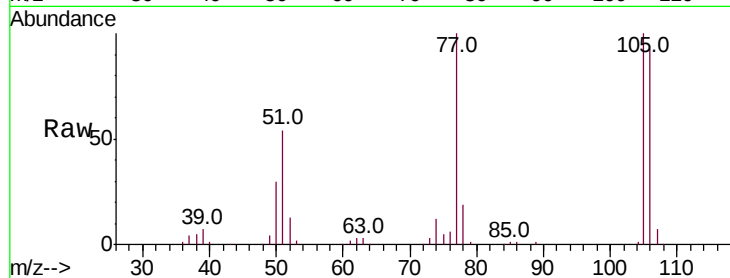
Tot Ion: 77 Resp: 147531

Ion Ratio Lower Upper

77 100

105 99.9 78.6 118.6

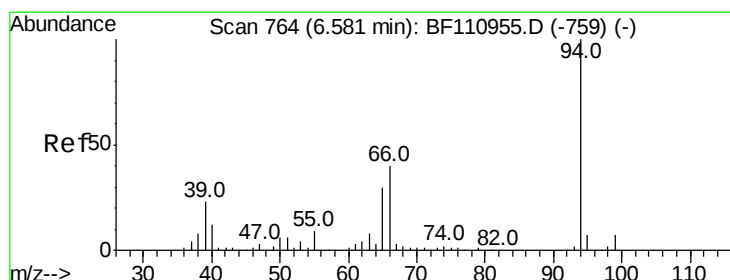
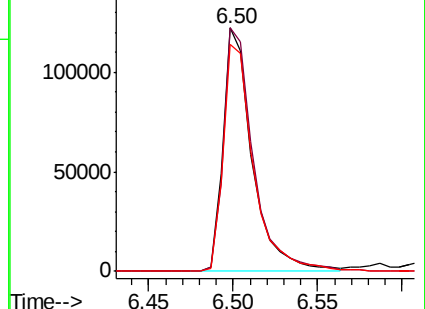
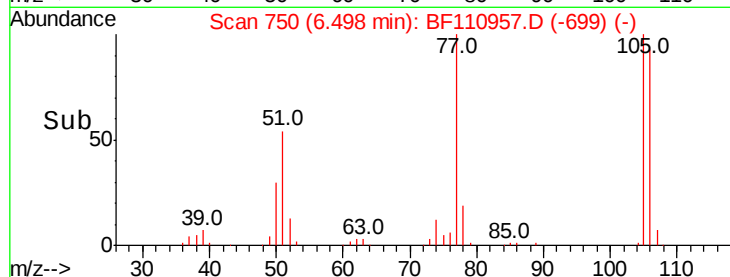
106 93.4 74.8 114.8



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: 59.115 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

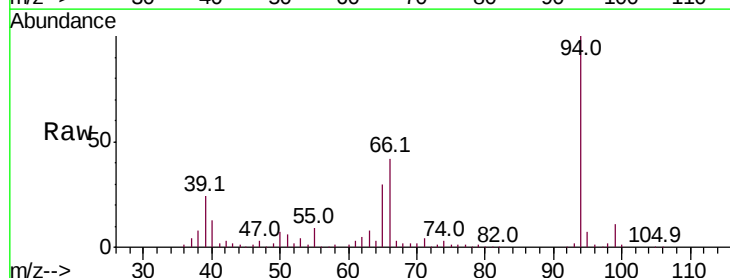
Tgt Ion: 94 Resp: 361327

Ion Ratio Lower Upper

94 100

65 30.4 25.3 65.3

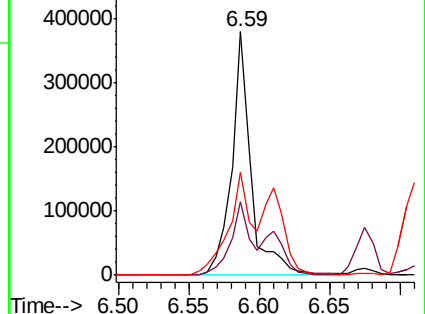
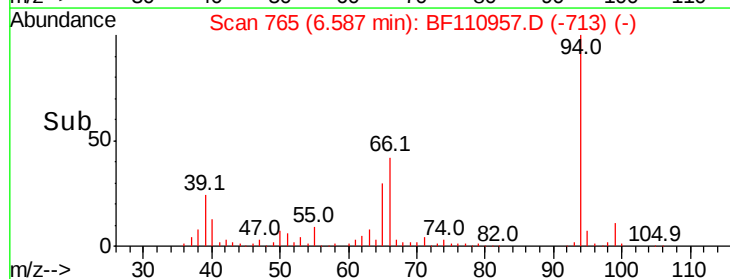
66 42.1 54.5 94.5#

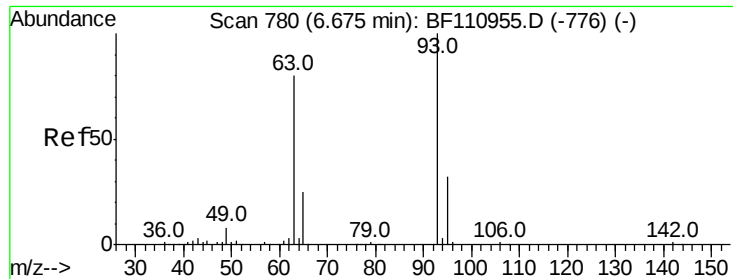


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

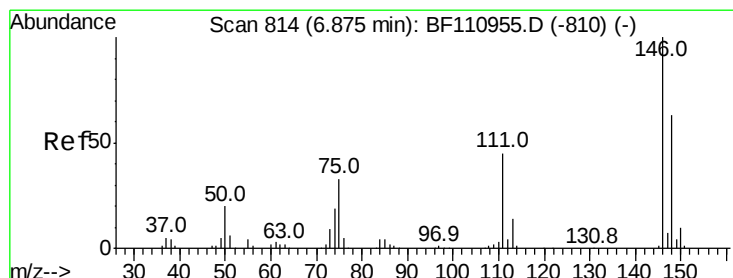
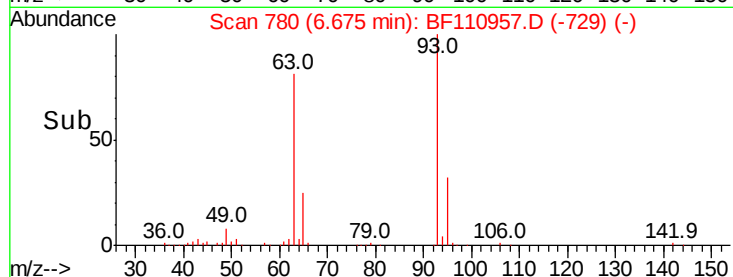
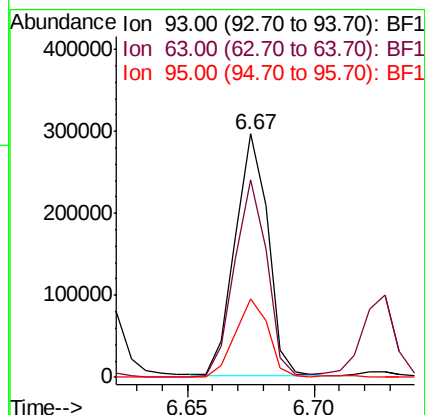
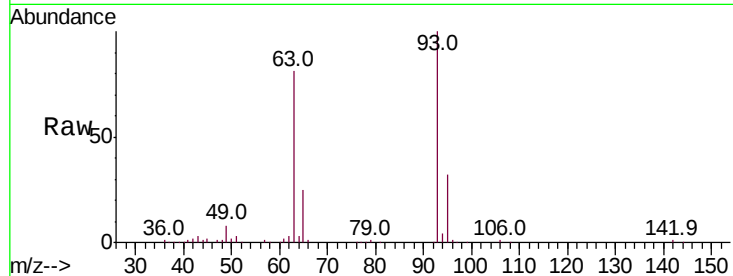




#11
bis(2-Chloroethyl)ether
Concen: 58.149 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

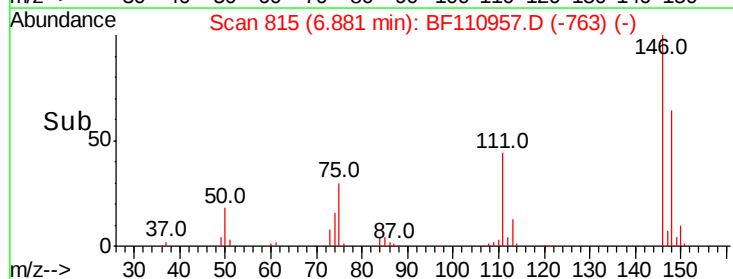
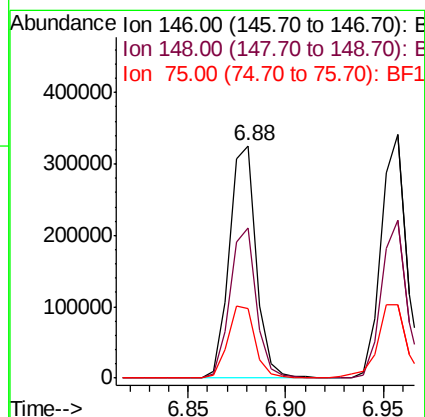
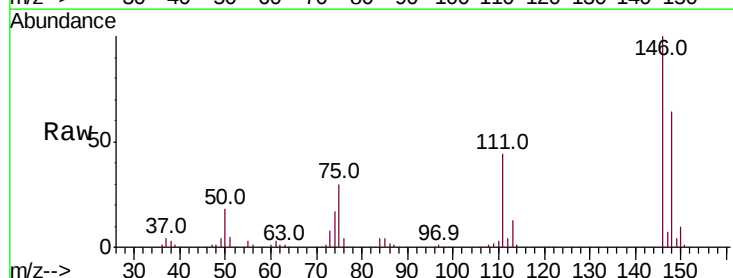
Instrument :
BNA_F
ClientSampleId :

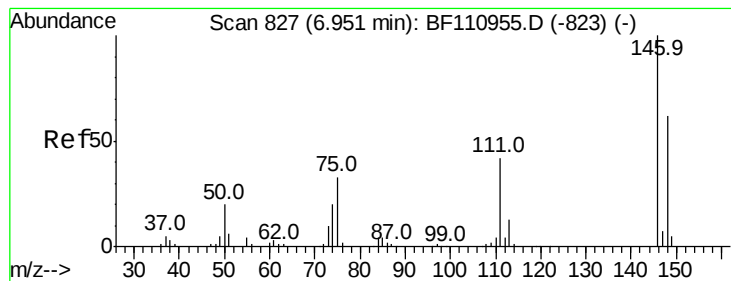
Tot Ion: 93 Resp: 266364
Ion Ratio Lower Upper
93 100
63 81.0 53.4 93.4
95 32.2 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 58.908 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Tgt Ion: 146 Resp: 311465
Ion Ratio Lower Upper
146 100
148 64.4 50.4 75.6
75 30.0 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 58.350 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

Instrument :

BNA_F

ClientSampled :

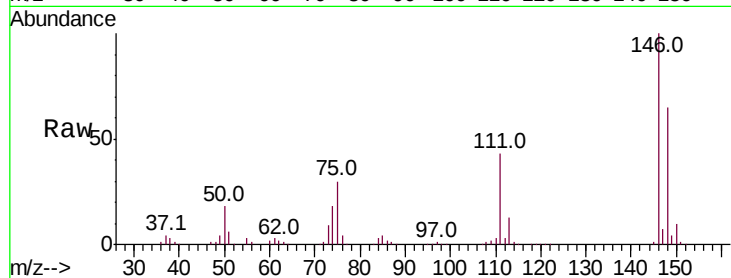
Tot Ion:146 Resp: 313290

Ion Ratio Lower Upper

146 100

148 64.6 50.3 75.5

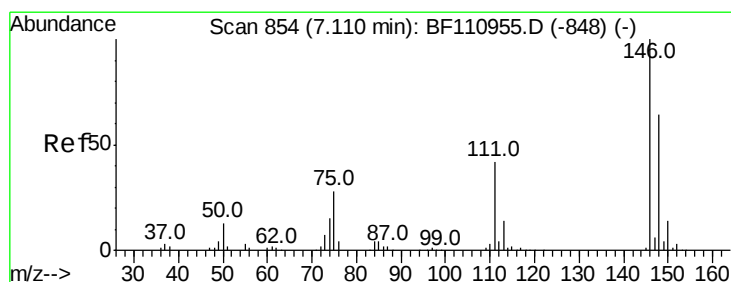
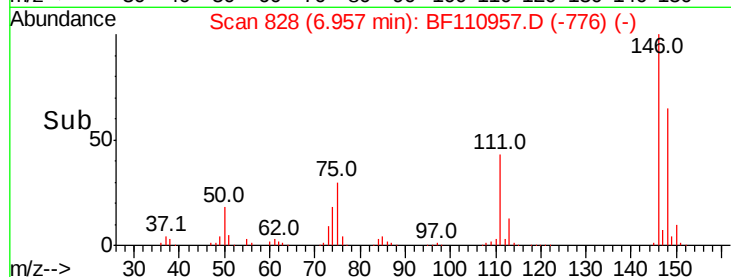
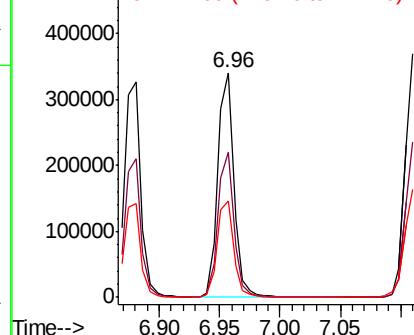
111 43.0 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 59.275 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

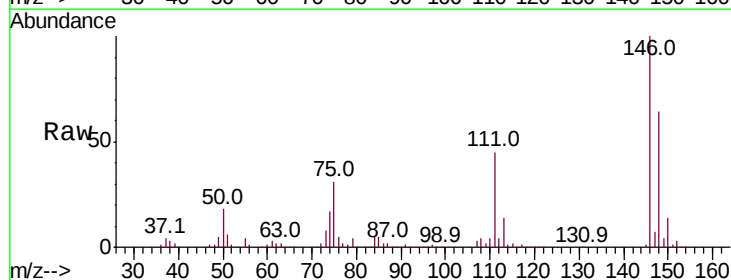
Tgt Ion:146 Resp: 296062

Ion Ratio Lower Upper

146 100

148 63.9 51.1 76.7

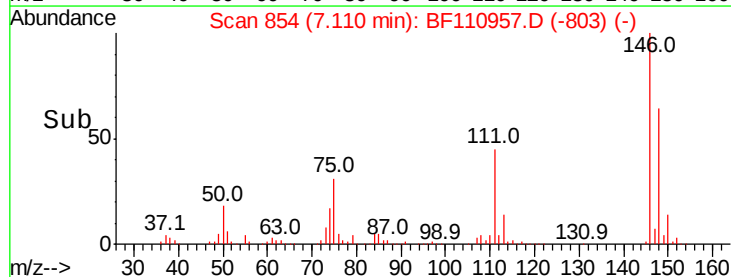
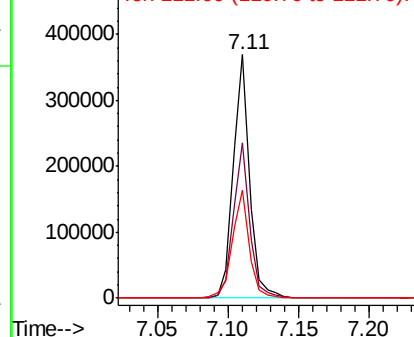
111 44.6 35.8 53.6

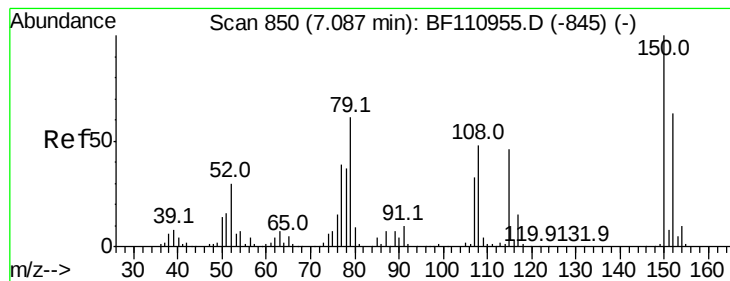


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 58.536 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

Instrument :

BNA_F

ClientSampled :

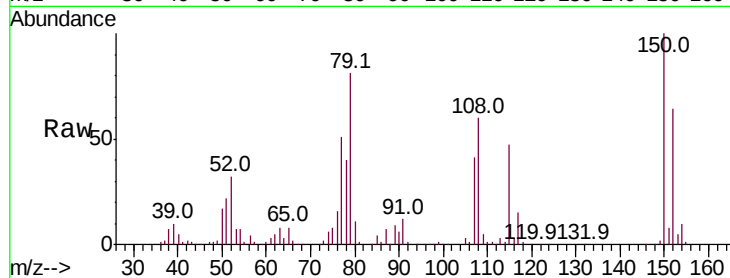
Tot Ion: 79 Resp: 241465

Ion Ratio Lower Upper

79 100

108 73.8 56.3 84.5

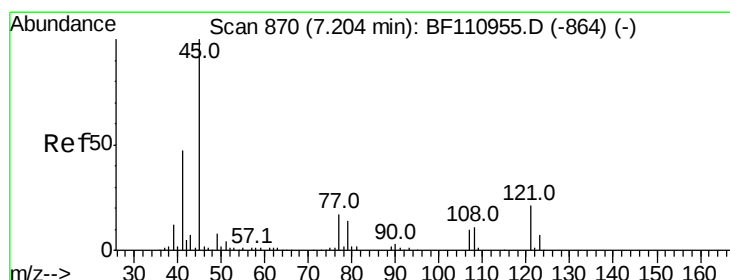
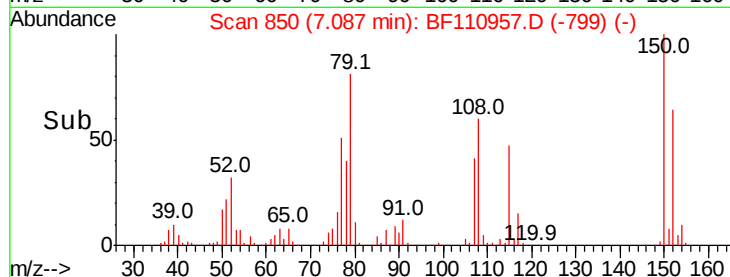
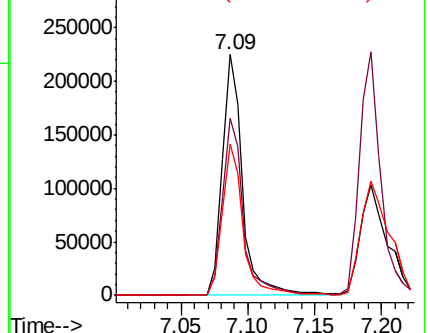
77 63.1 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 57.640 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

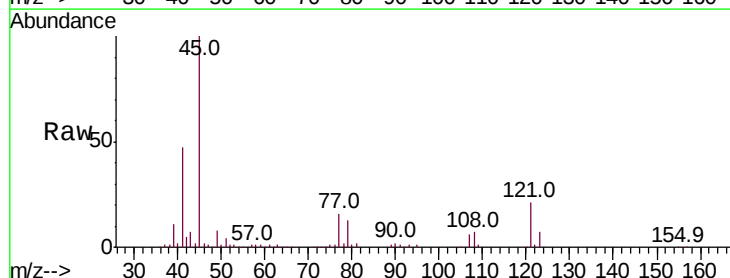
Tgt Ion: 45 Resp: 414634

Ion Ratio Lower Upper

45 100

77 15.8 10.0 50.0

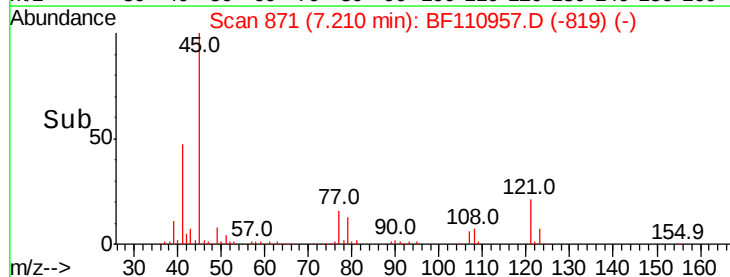
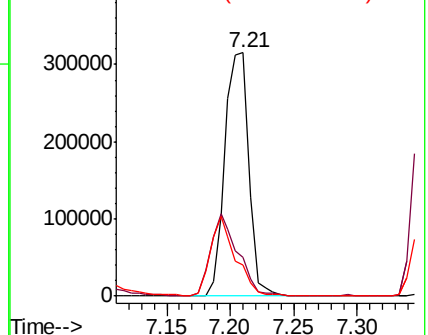
79 12.9 6.1 46.1

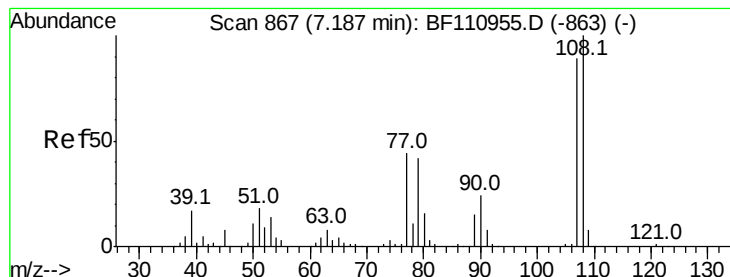


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

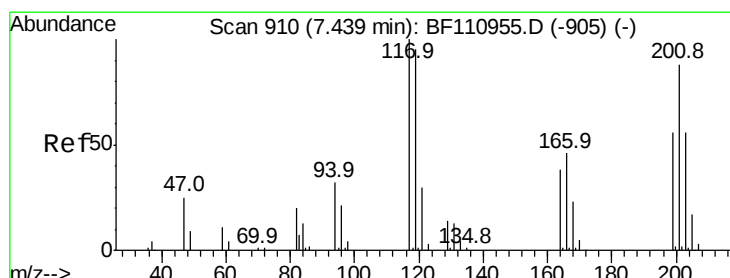
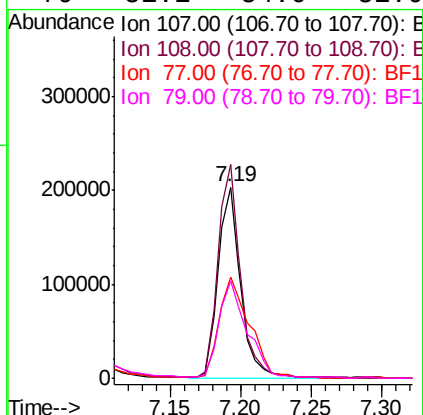
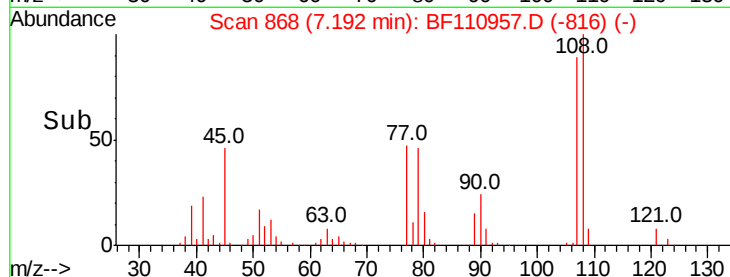
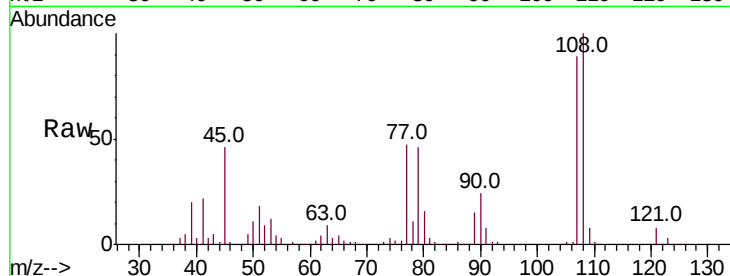




#17
2-Methylphenol
Concen: 58.291 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

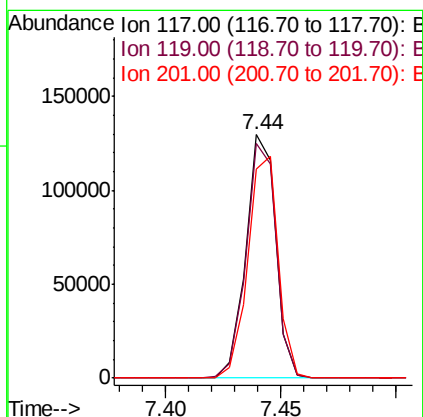
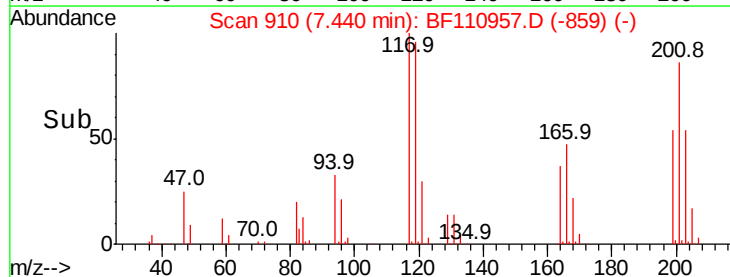
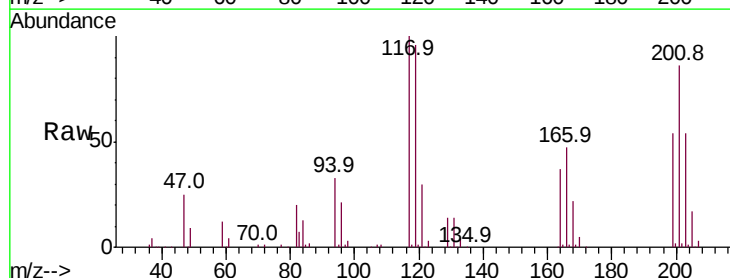
Instrument :
BNA_F
ClientSampleId :

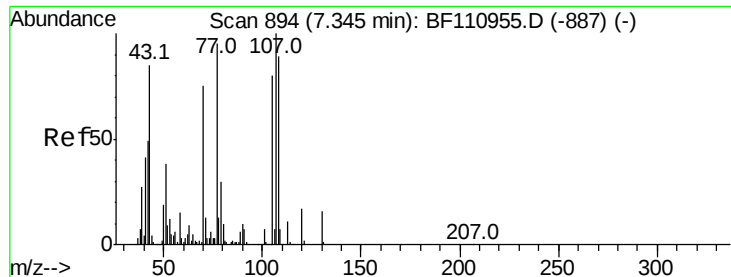
Tot Ion:107 Resp: 224181
Ion Ratio Lower Upper
107 100
108 112.0 92.6 138.8
77 52.8 59.4 89.2#
79 51.1 54.0 81.0#



#18
Hexachloroethane
Concen: 59.294 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Tgt Ion:117 Resp: 117530
Ion Ratio Lower Upper
117 100
119 96.2 75.0 112.6
201 86.0 79.2 118.8

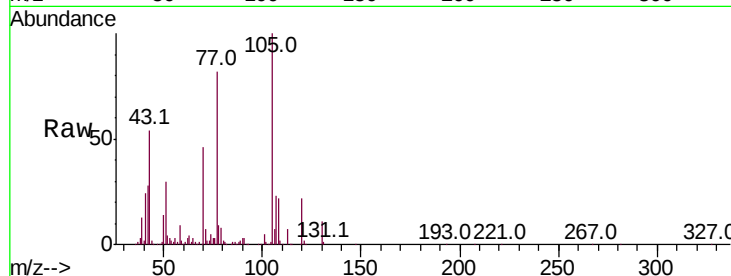




#19
n-Nitroso-di-n-propylamine
Concen: 60.459 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	203431
Ion	Ratio	Lower	Upper
70	100		
42	61.4	47.4	71.2
101	10.8	7.3	10.9
130	23.3	16.2	24.2



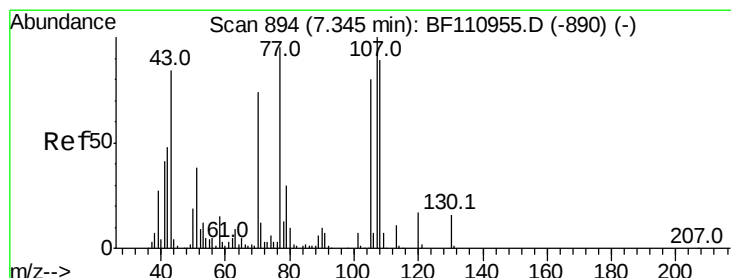
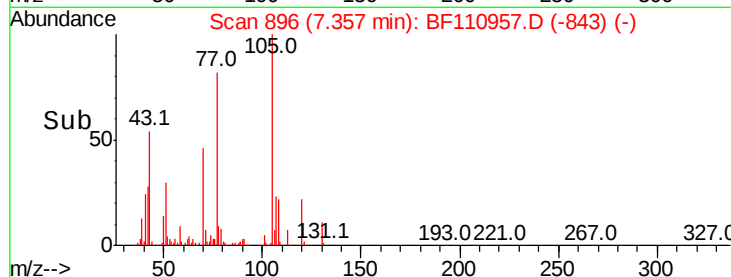
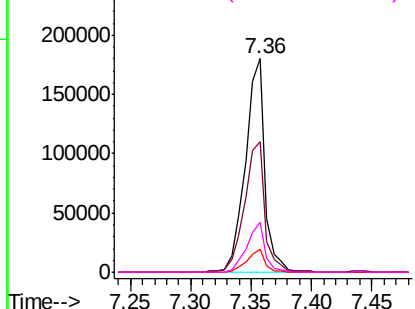
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

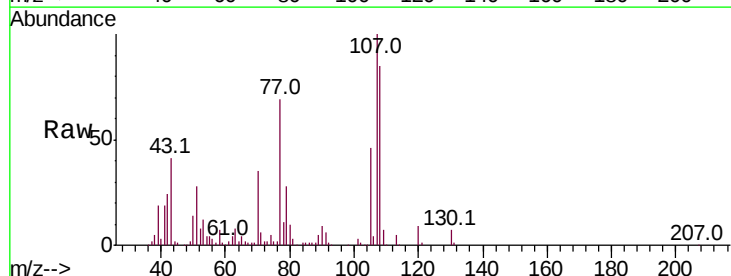
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 59.108 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Tgt Ion:	107	Resp:	291811
Ion	Ratio	Lower	Upper
107	100		
108	85.1	71.4	111.4
77	68.8	47.3	87.3
79	27.6	10.9	50.9



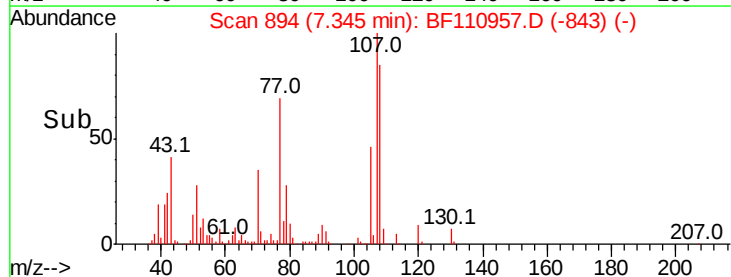
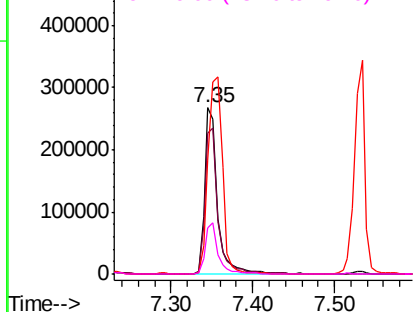
Abundance

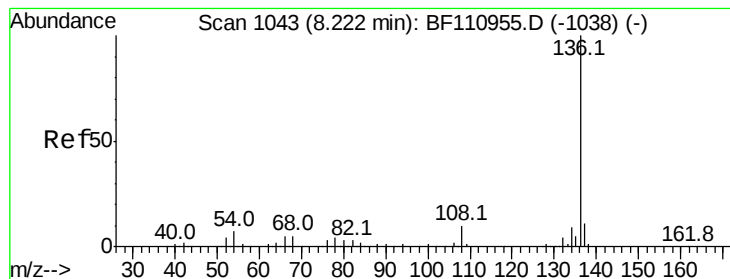
Ion 107.00 (106.70 to 107.70): BF1

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# 1043

Delta R.T. 0.00 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 288730

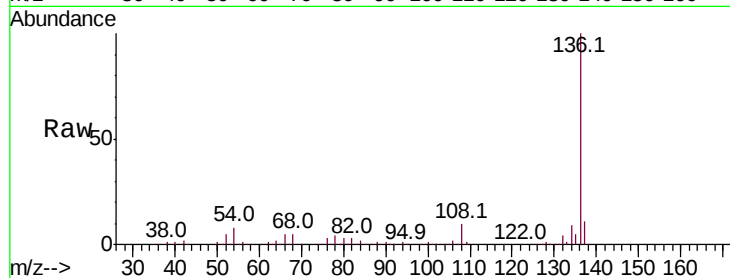
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.5 5.4 8.2

68 4.8 4.2 6.2

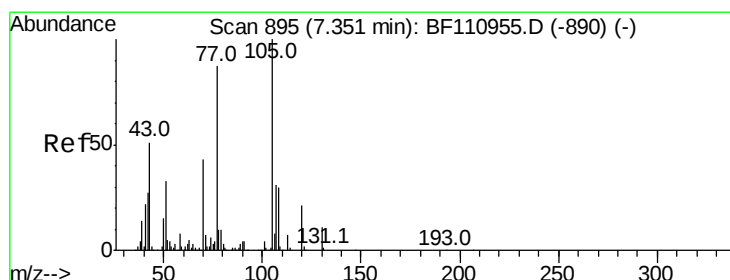
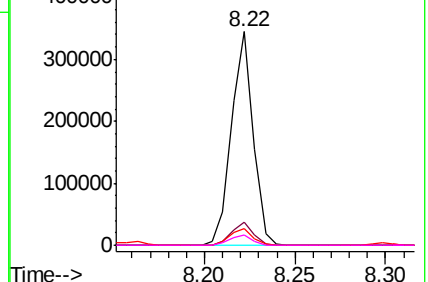
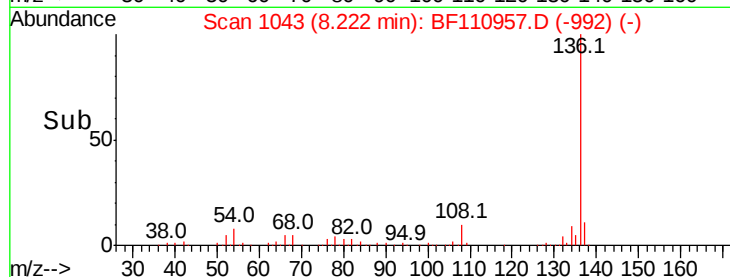


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.259 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.01 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

Tgt Ion:105 Resp: 392028

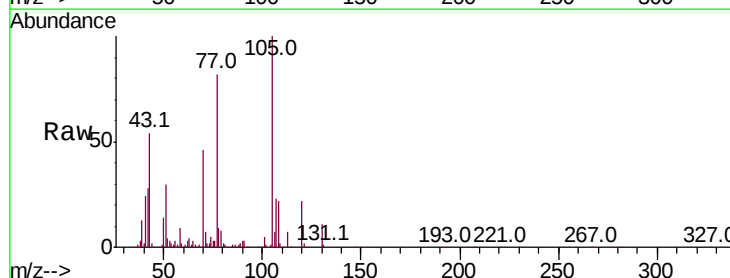
Ion Ratio Lower Upper

105 100

71 7.4 5.2 7.8

51 30.3 21.8 32.8

120 22.1 17.0 25.4

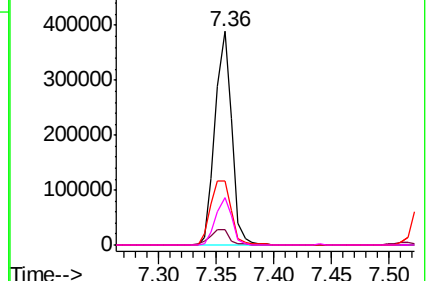
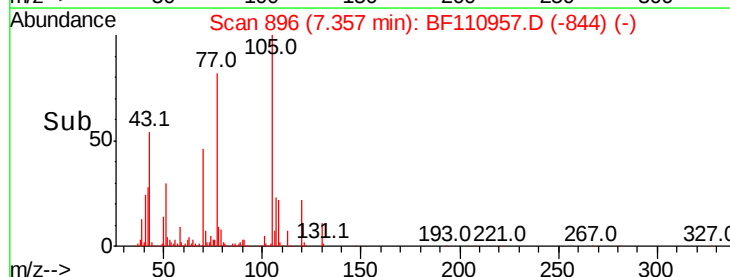


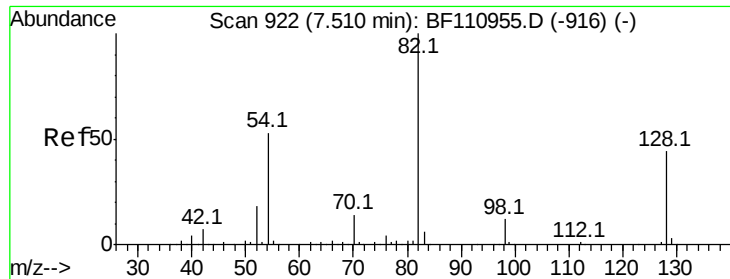
Abundance Ion 105.00 (104.70 to 105.70): E

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

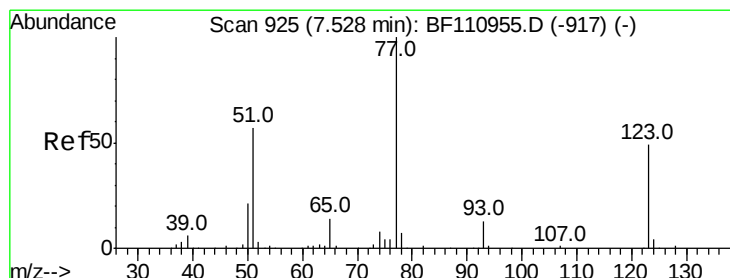
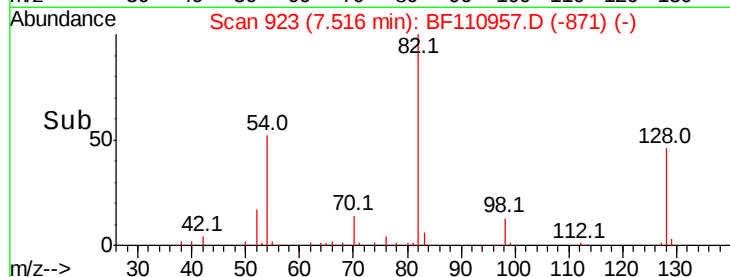
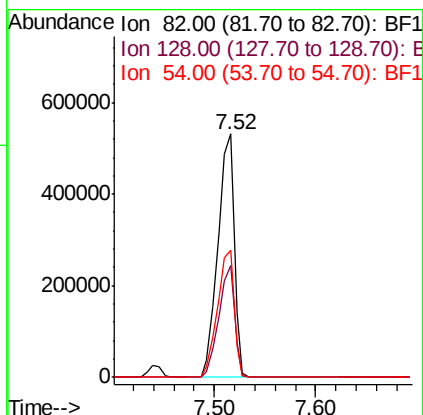
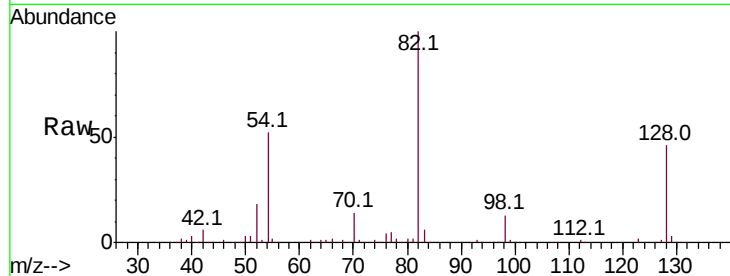




#23
 Nitrobenzene-d5
 Concen: 119.138 ng
 RT: 7.52 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

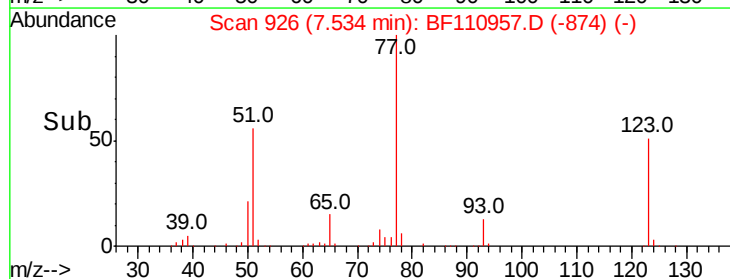
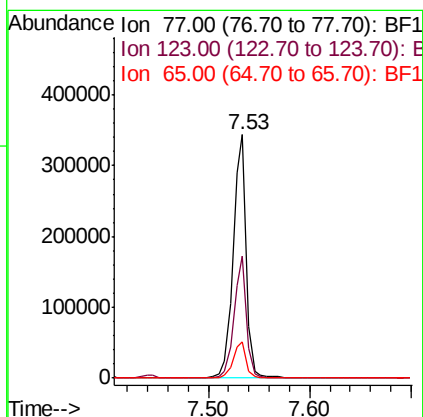
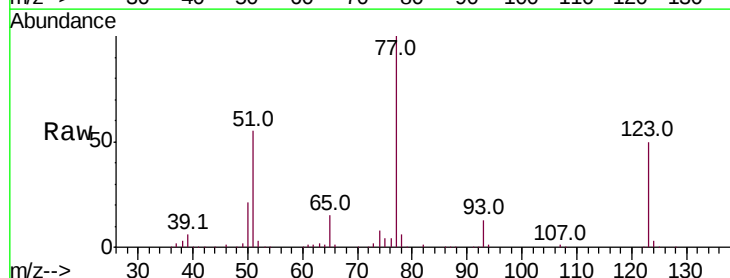
Instrument :
 BNA_F
 ClientSampleID :

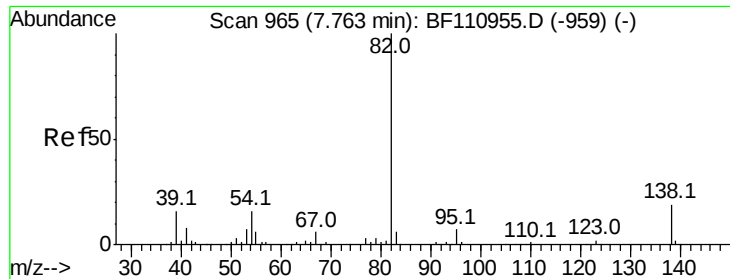
Tot Ion	82	Resp	597308
Ion Ratio	100	Lower	Upper
128	45.8	34.2	51.2
54	52.4	38.6	58.0



#24
 Nitrobenzene
 Concen: 59.467 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.01 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

Tgt Ion	77	Resp	305468
Ion Ratio	100	Lower	Upper
123	50.1	35.7	53.5
65	14.7	10.7	16.1

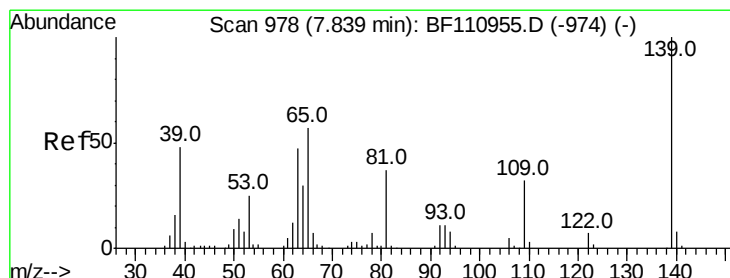
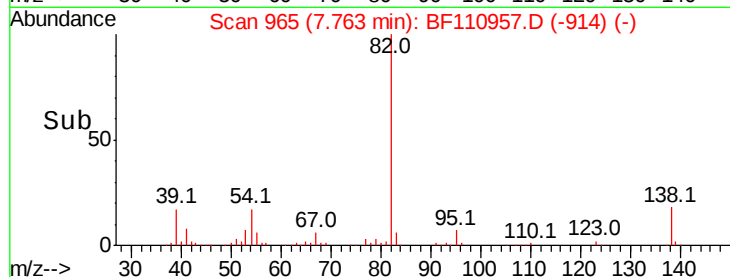
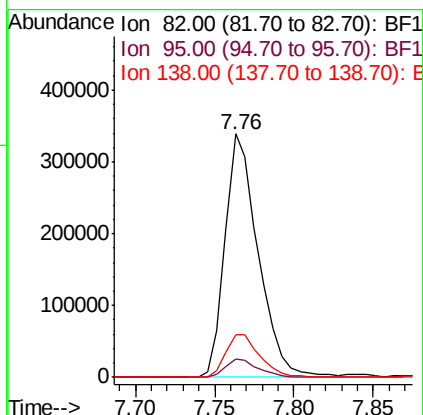
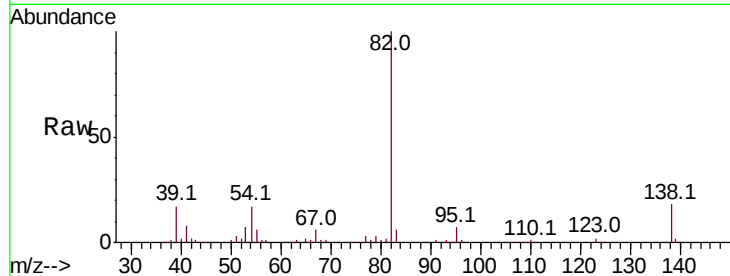




#25
Isophorone
Concen: 60.037 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

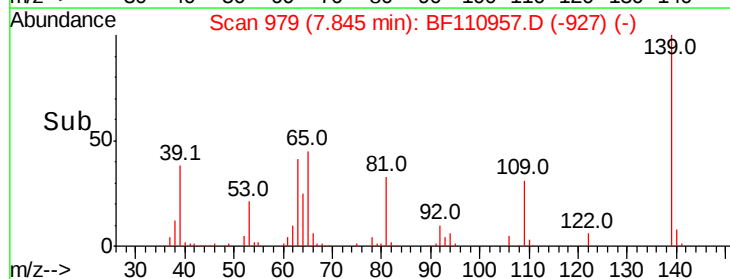
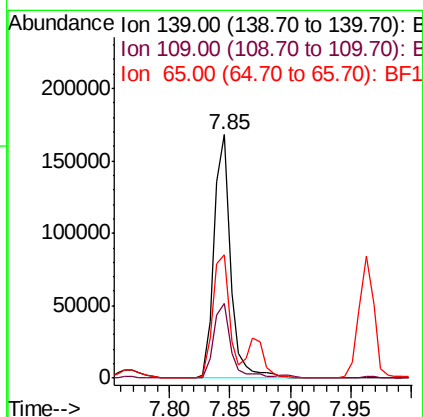
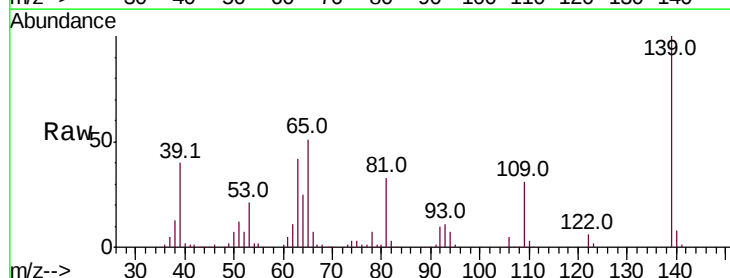
Instrument :
BNA_F
ClientSampleId :

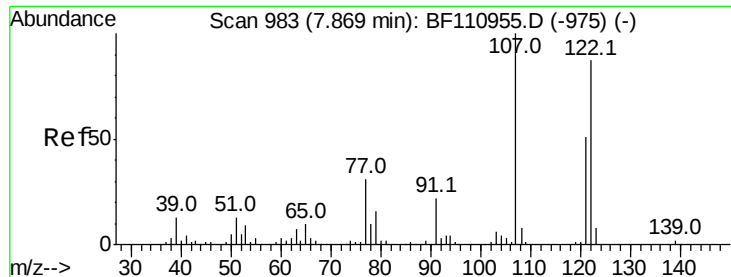
Tot Ion: 82 Resp: 493345
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 17.8 13.2 19.8



#26
2-Nitrophenol
Concen: 61.733 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Tgt Ion: 139 Resp: 158196
Ion Ratio Lower Upper
139 100
109 30.8 25.0 37.6
65 50.5 44.0 66.0

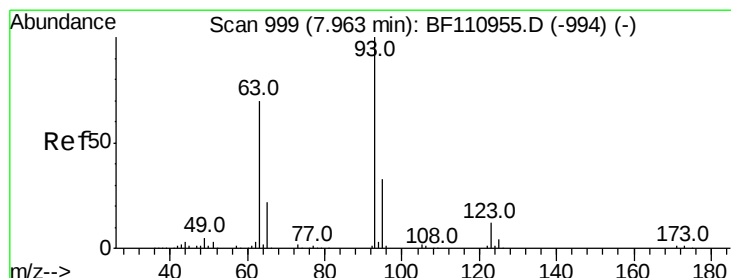
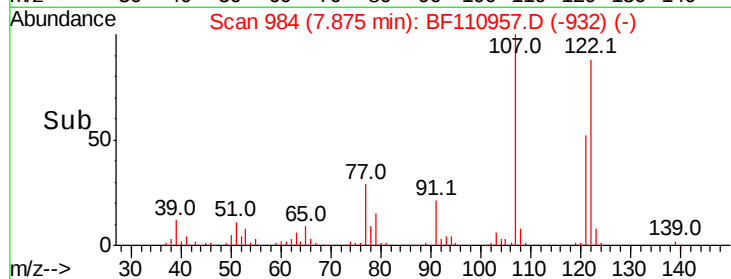
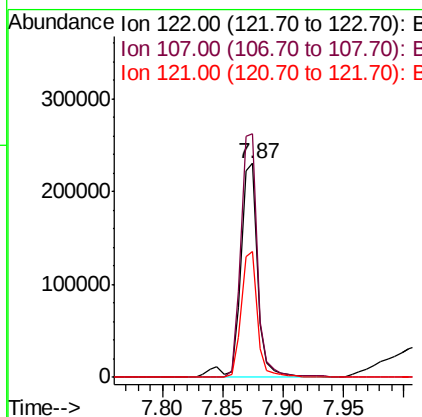
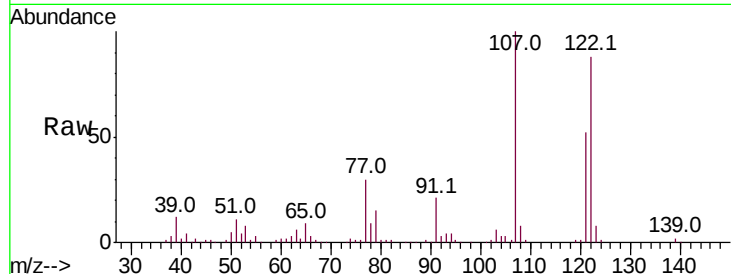




#27
2,4-Dimethylphenol
Concen: 59.251 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

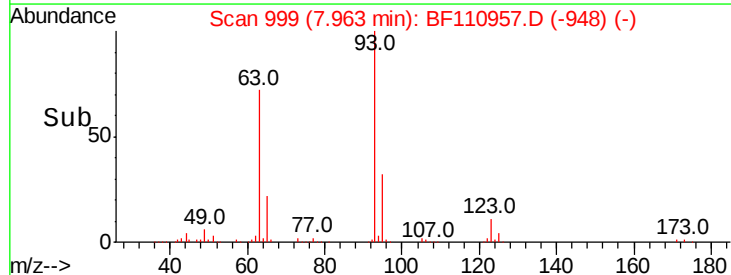
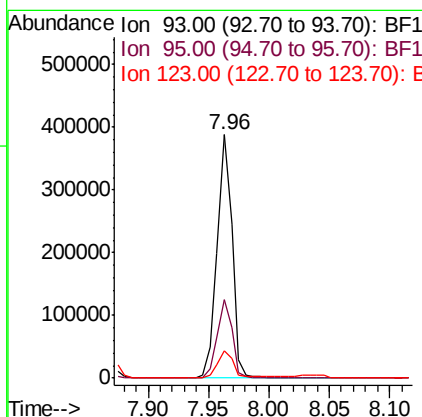
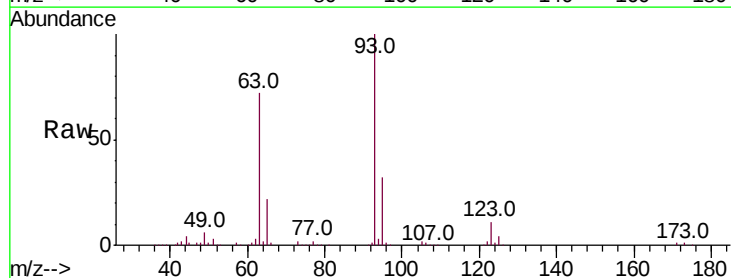
Instrument :
BNA_F
ClientSampleId :

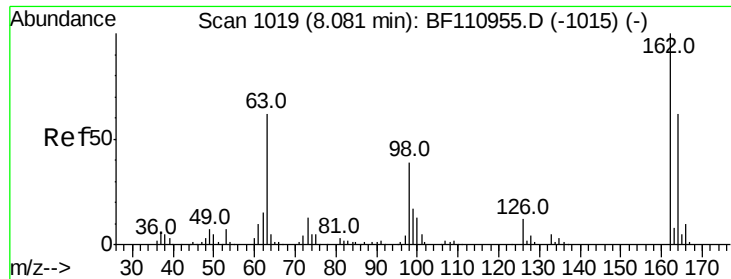
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.8	92.5	138.7
121	59.1	45.8	68.8



#28
bis(2-Chloroethoxy)methane
Concen: 59.202 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.4	39.6
123	11.1	9.0	13.6

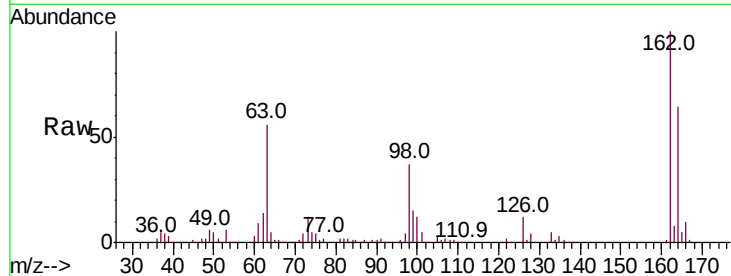




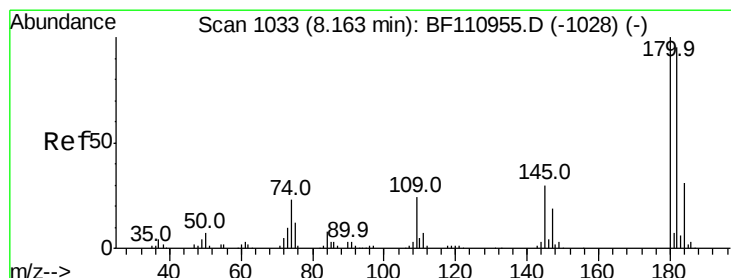
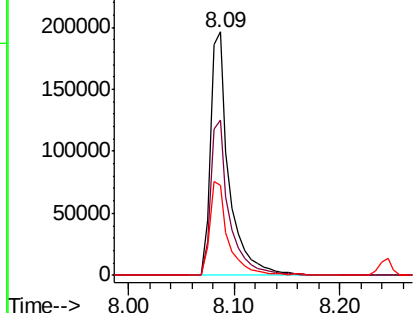
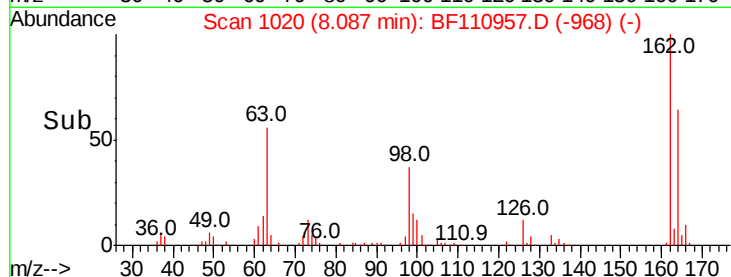
#29
 2,4-Dichlorophenol
 Concen: 60.022 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 241033
 Ion Ratio Lower Upper
 162 100
 164 63.7 44.6 84.6
 98 36.9 17.4 57.4

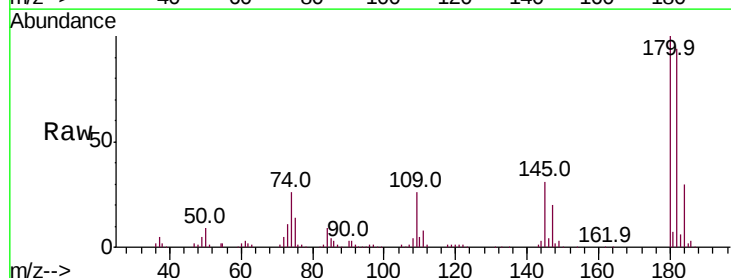


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

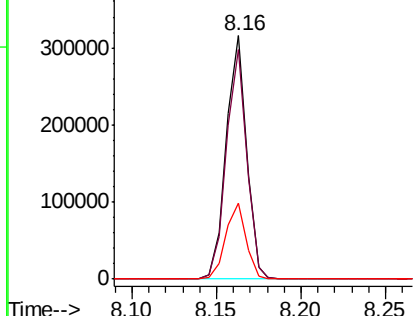
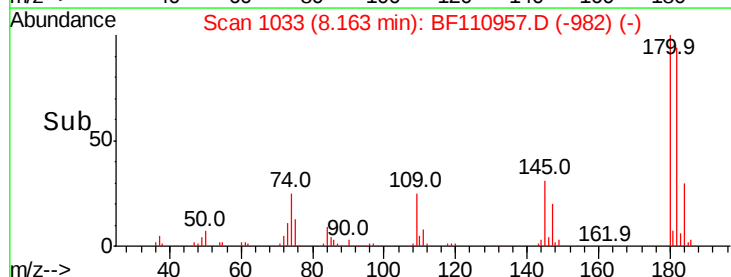


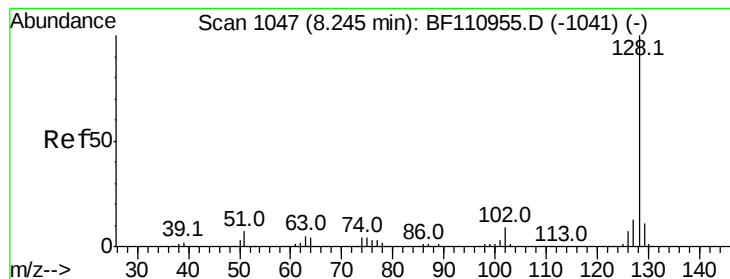
#30
 1,2,4-Trichlorobenzene
 Concen: 58.506 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

Tgt Ion:180 Resp: 264894
 Ion Ratio Lower Upper
 180 100
 182 94.4 80.3 120.5
 145 30.9 25.4 38.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 57.563 ng

RT: 8.25 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

Instrument :

BNA_F

ClientSampleId :

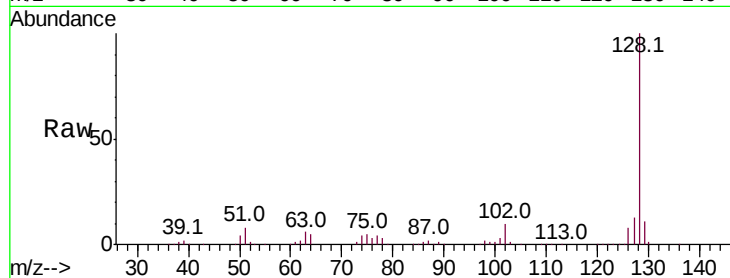
Tot Ion:128 Resp: 780225

Ion Ratio Lower Upper

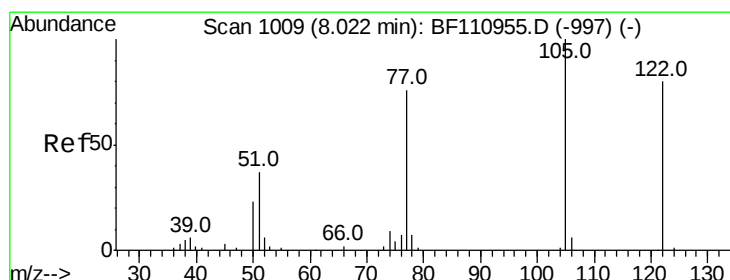
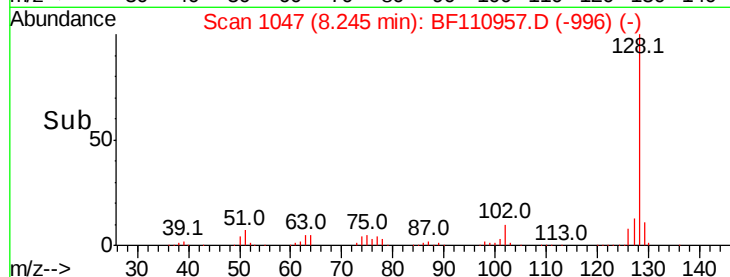
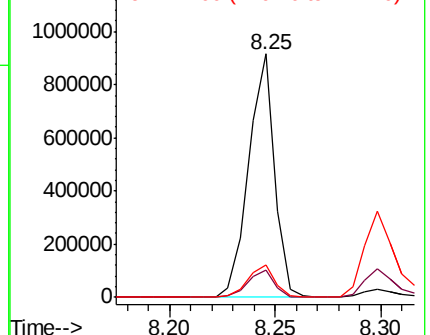
128 100

129 11.2 8.8 13.2

127 13.5 10.8 16.2



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



#32

Benzoic acid

Concen: 64.037 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.02 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

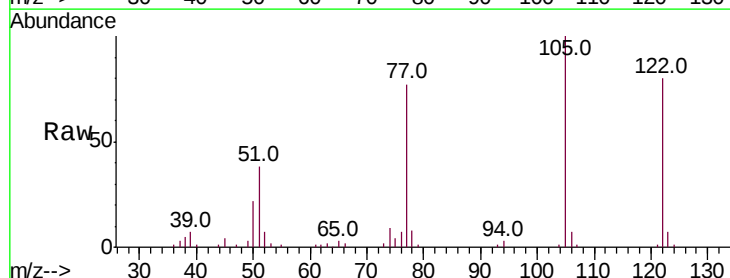
Tgt Ion:122 Resp: 176826

Ion Ratio Lower Upper

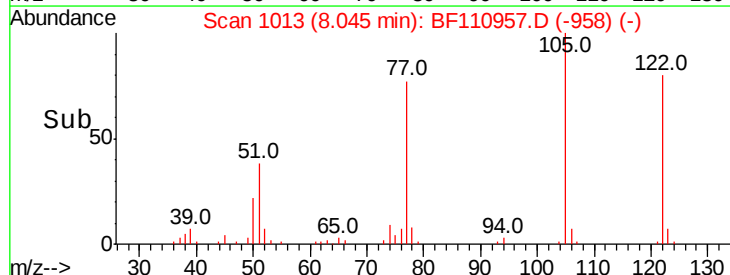
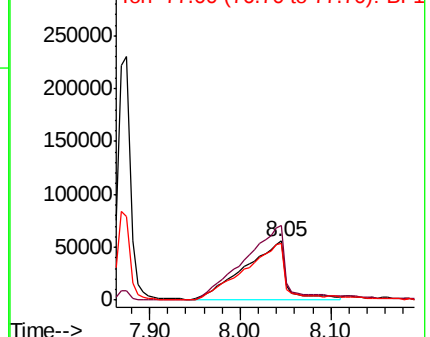
122 100

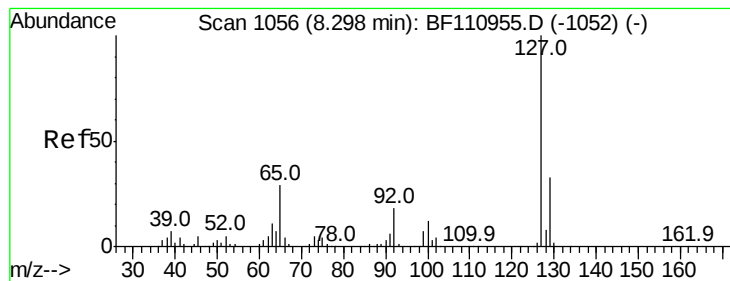
105 125.2 109.0 149.0

77 96.8 79.0 119.0



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





#33

4-Chloroaniline

Concen: 54.682 ng

RT: 8.30 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 335723

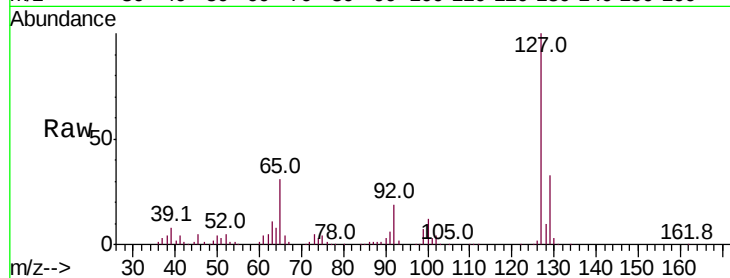
Ion Ratio Lower Upper

127 100

129 32.7 26.0 39.0

65 31.5 25.1 37.7

92 18.9 15.0 22.6

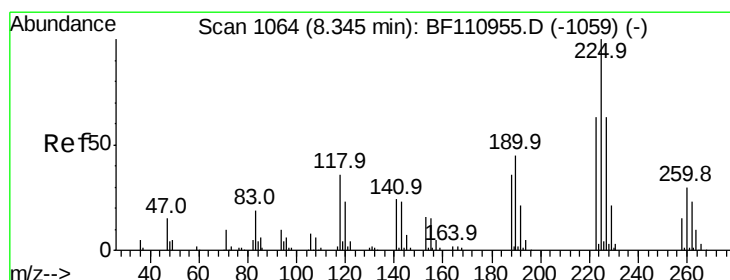
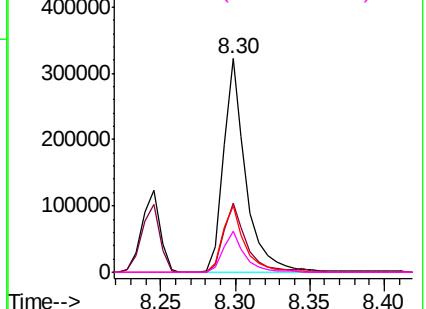
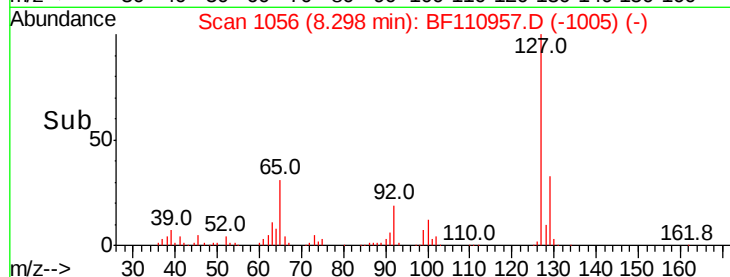


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 58.194 ng

RT: 8.35 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

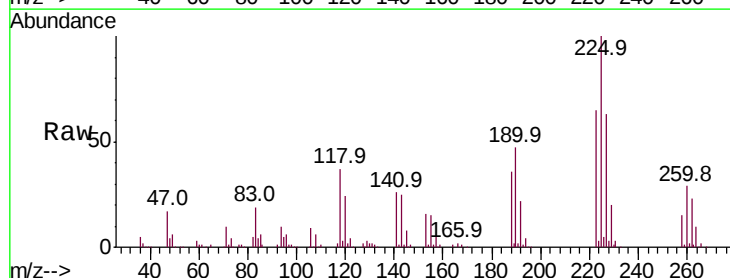
Tgt Ion:225 Resp: 150496

Ion Ratio Lower Upper

225 100

223 64.6 51.4 77.2

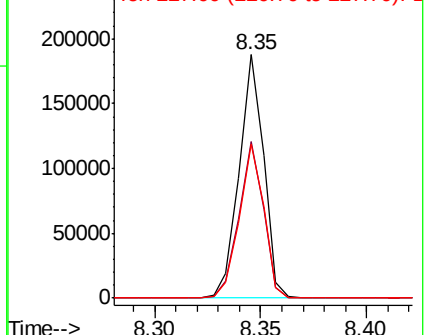
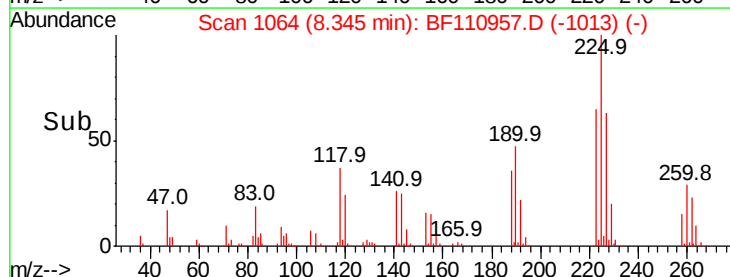
227 63.2 51.0 76.6

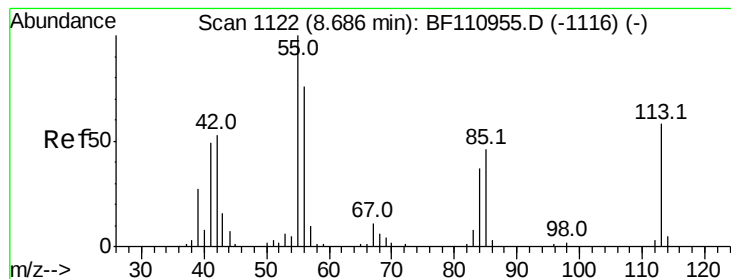


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 61.812 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

Instrument :
BNA_F
ClientSampled :

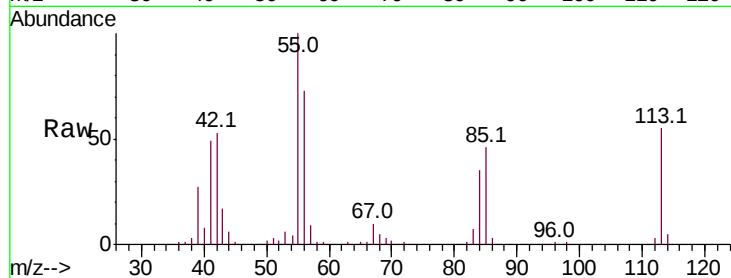
Tot Ion:113 Resp: 82930

Ion Ratio Lower Upper

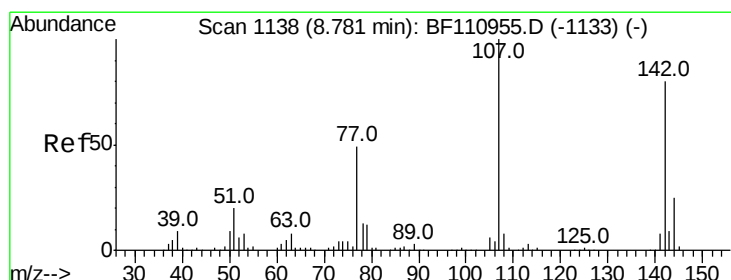
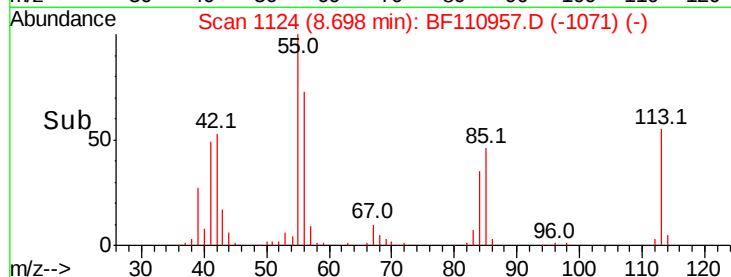
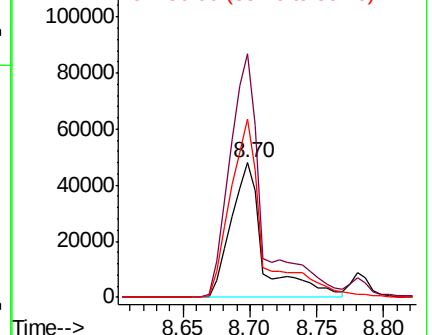
113 100

55 180.9 142.8 182.8

56 132.1 105.0 145.0



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



#36

4-Chloro-3-methylphenol

Concen: 61.199 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

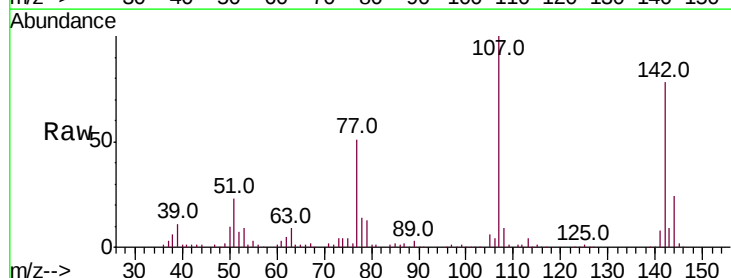
Tgt Ion:107 Resp: 265051

Ion Ratio Lower Upper

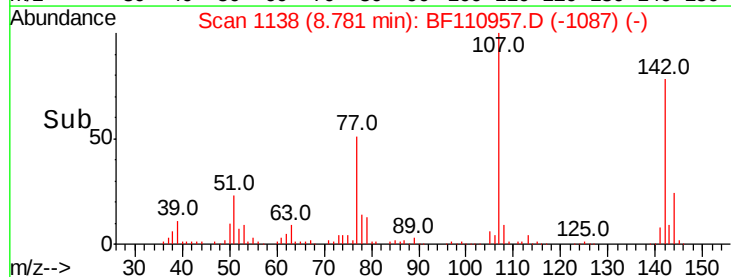
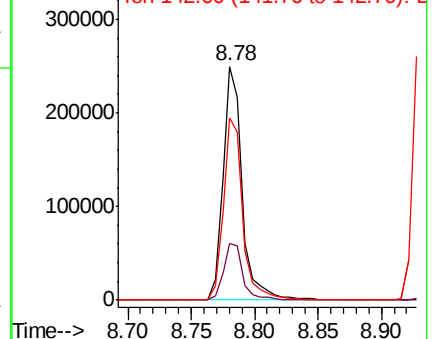
107 100

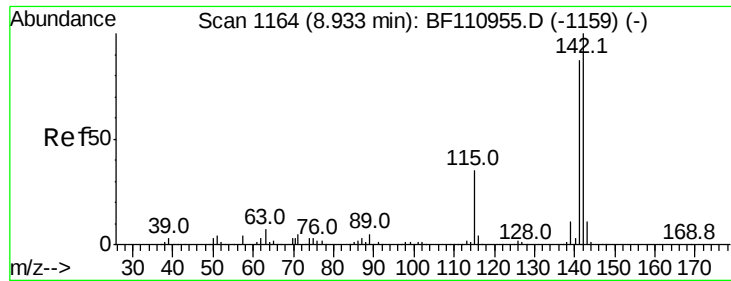
144 24.4 20.0 30.0

142 78.0 59.7 89.5



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

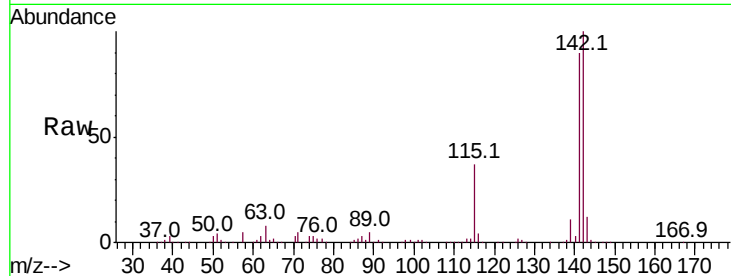




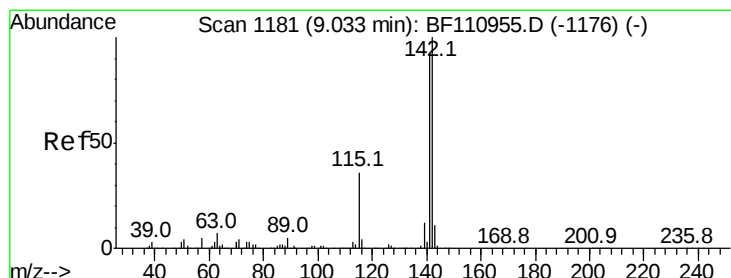
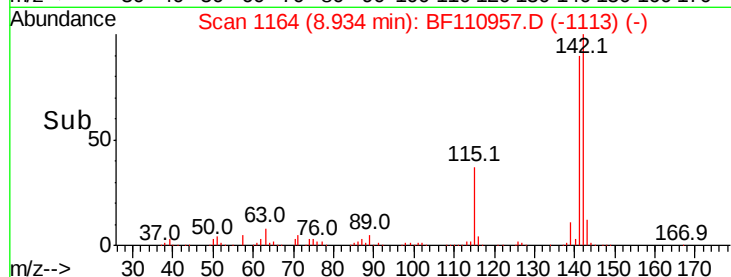
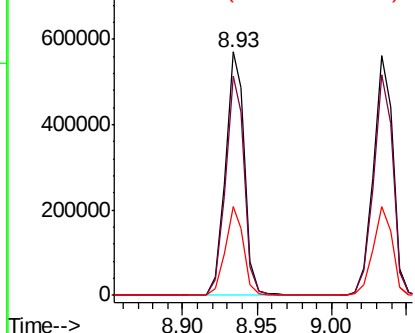
#37
 2-Methylnaphthalene
 Concen: 58.097 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2
115	36.6	28.7	43.1

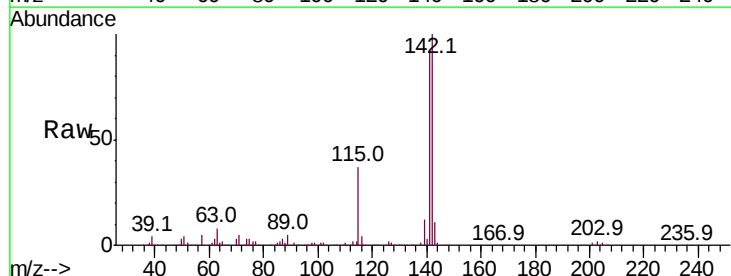


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

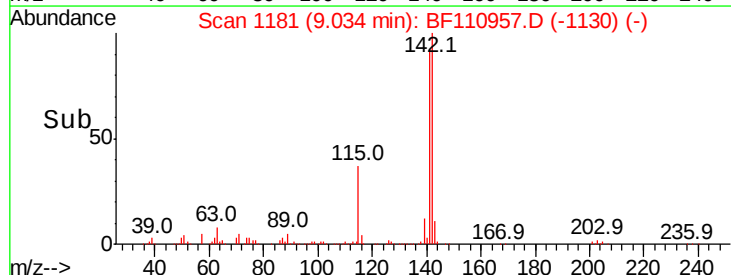
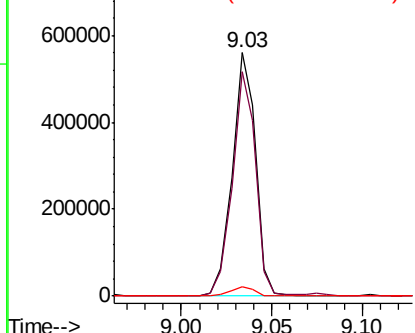


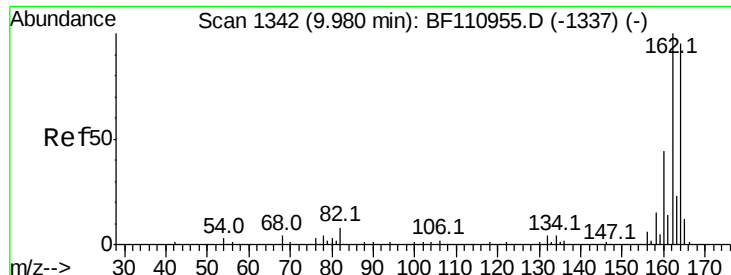
#38
 1-Methylnaphthalene
 Concen: 58.530 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.2	111.4
116	3.7	2.6	4.0



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

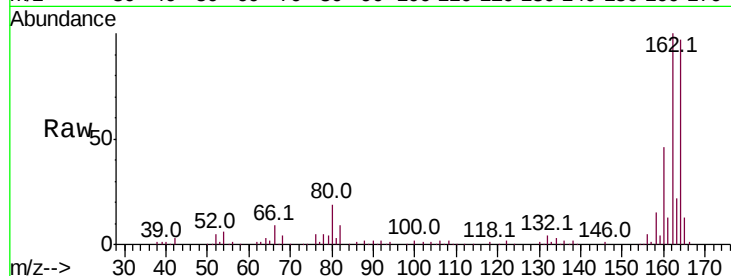




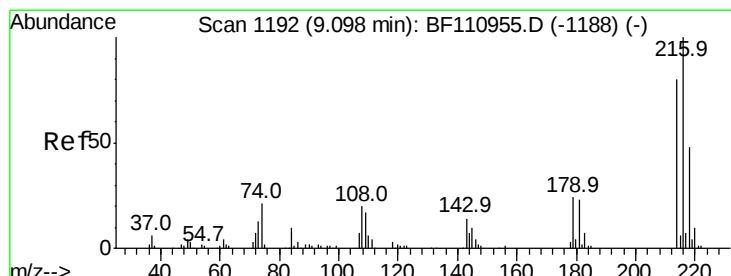
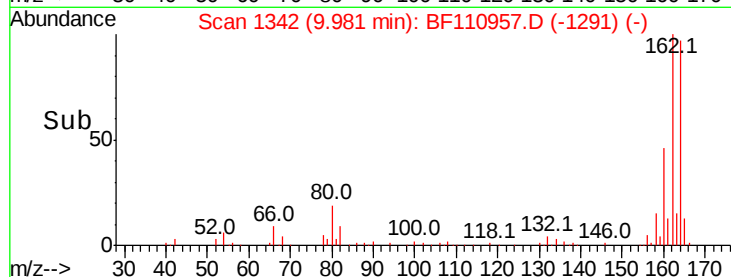
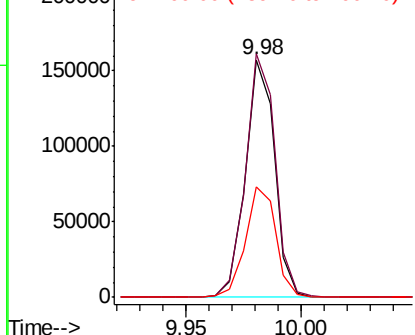
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 139416
Ion Ratio Lower Upper
164 100
162 102.6 83.0 124.6
160 46.8 37.0 55.6

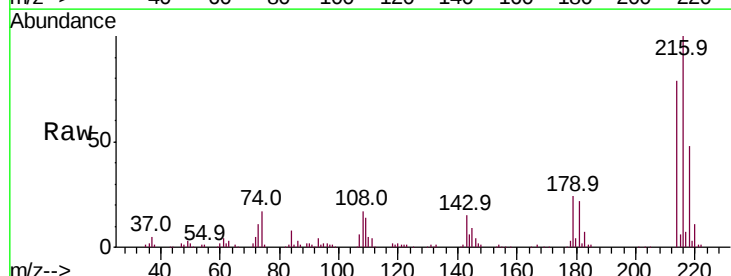


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

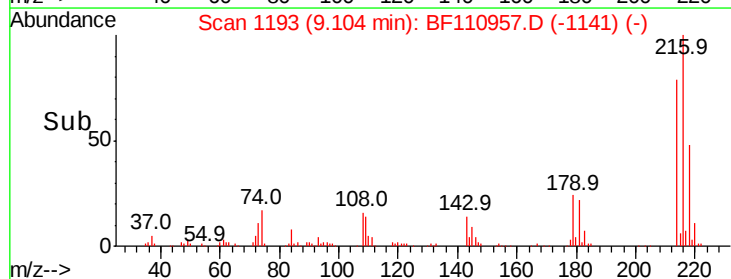
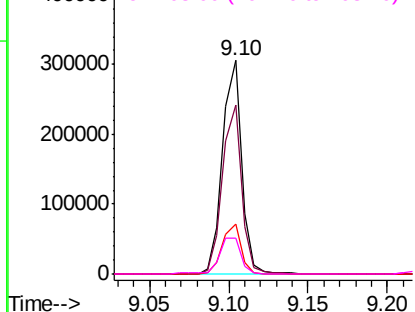


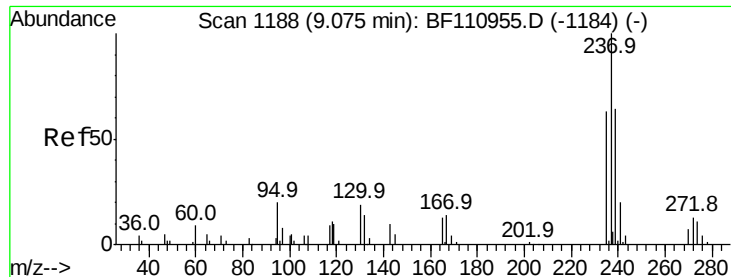
#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.261 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Tgt Ion:216 Resp: 257108
Ion Ratio Lower Upper
216 100
214 79.3 63.8 95.6
179 23.4 16.6 25.0
108 19.2 15.1 22.7



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 26.465 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

Instrument :

BNA_F

ClientSampleId :

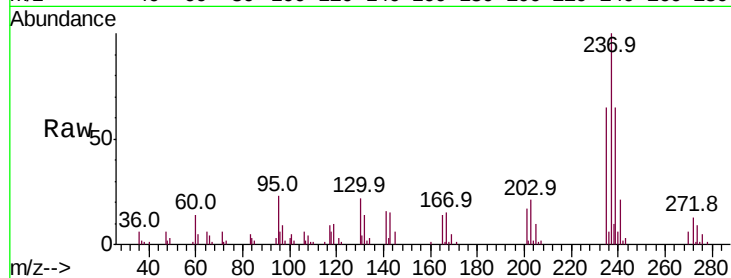
Tot Ion:237 Resp: 37473

Ion Ratio Lower Upper

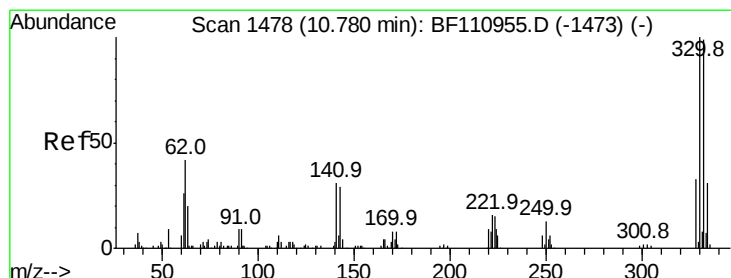
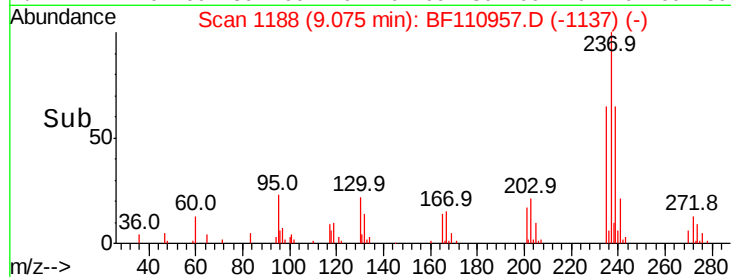
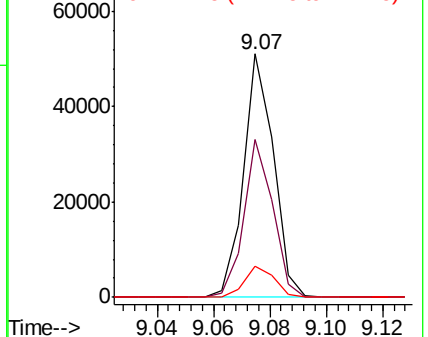
237 100

235 64.8 43.1 83.1

272 12.6 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: 115.947 ng

RT: 10.78 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

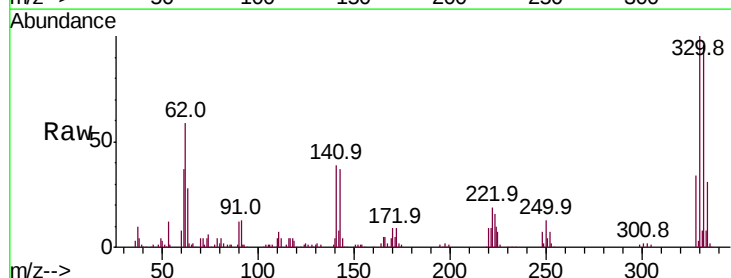
Tgt Ion:330 Resp: 162881

Ion Ratio Lower Upper

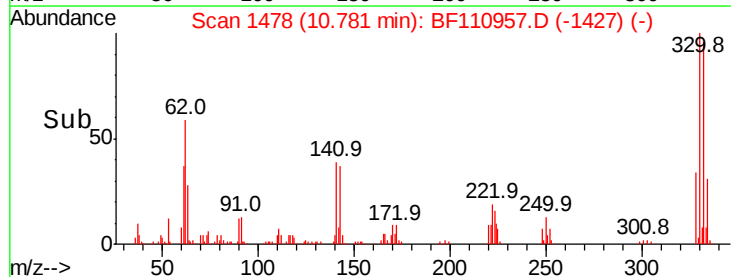
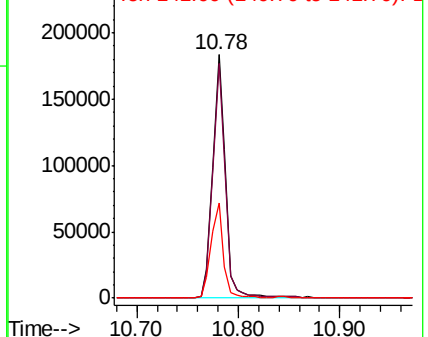
330 100

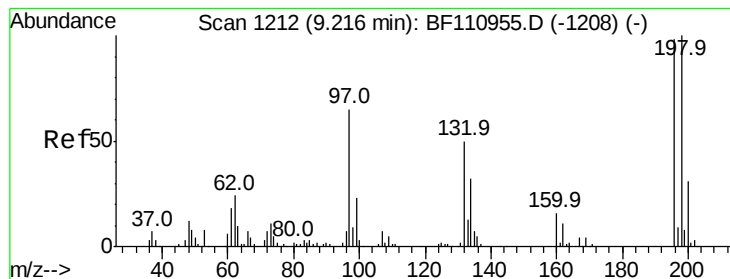
332 95.3 77.1 115.7

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: 57.874 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

Instrument :

BNA_F

ClientSampleId :

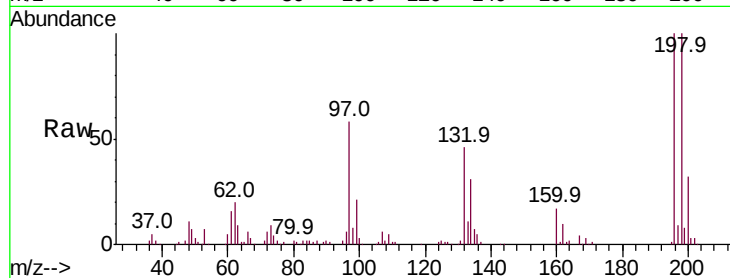
Tot Ion:196 Resp: 160493

Ion Ratio Lower Upper

196 100

198 99.5 76.2 114.4

200 32.2 24.4 36.6

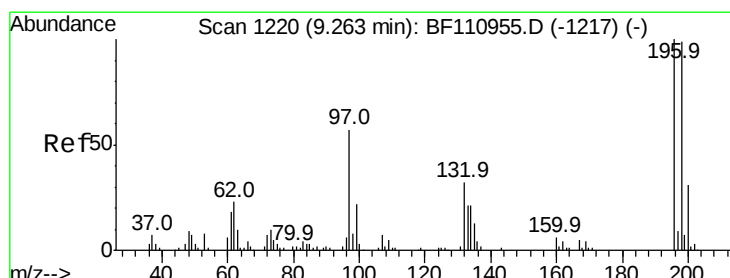
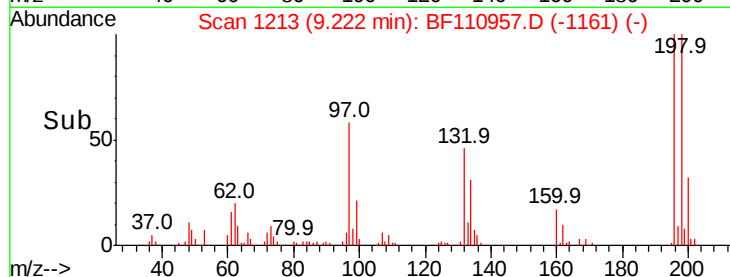
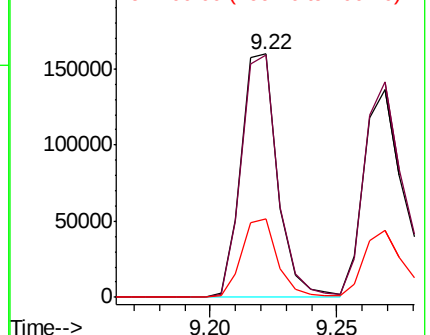


Abundance

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: 55.702 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.01 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

Tgt Ion:196 Resp: 164773

Ion Ratio Lower Upper

196 100

198 103.7 75.8 113.6

97 53.3 42.4 63.6

132 30.0 22.8 34.2

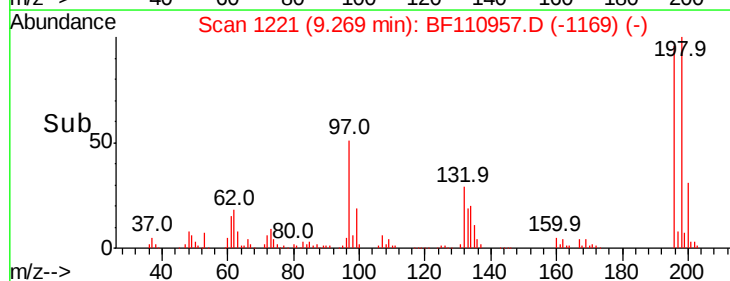
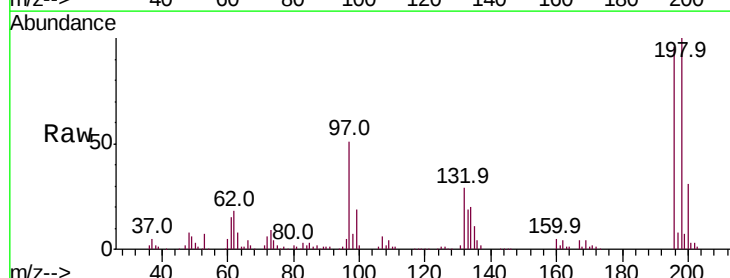
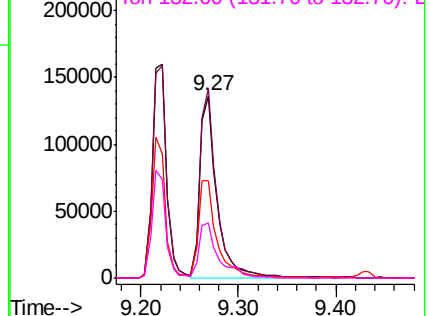
Abundance

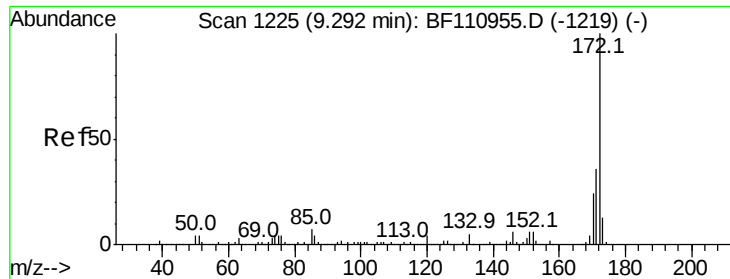
Ion 196.00 (195.70 to 196.70): E

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

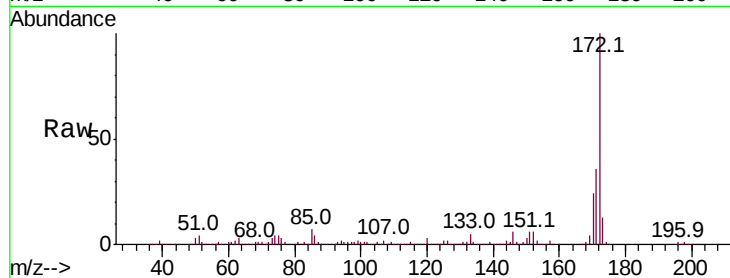




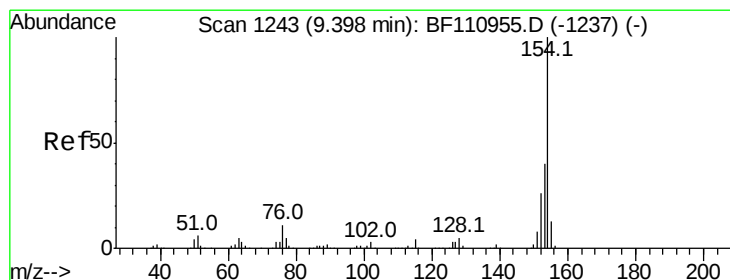
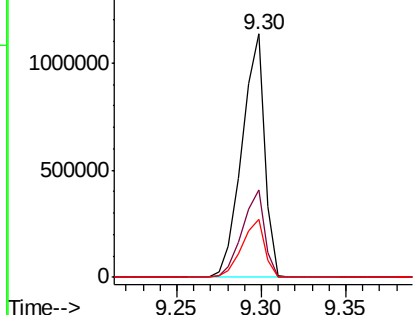
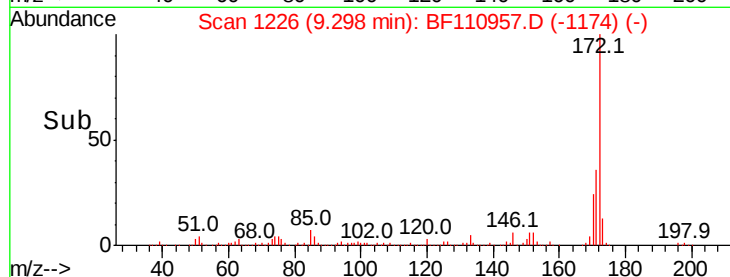
#45
2-Fluorobiphenyl
Concen: 109.181 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.01 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1065799
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.0 19.7 29.5

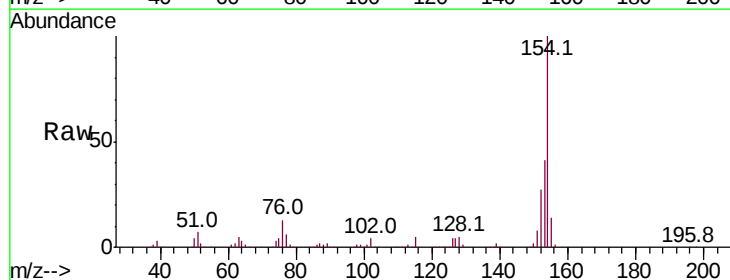


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

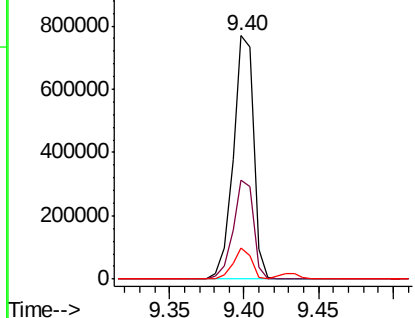
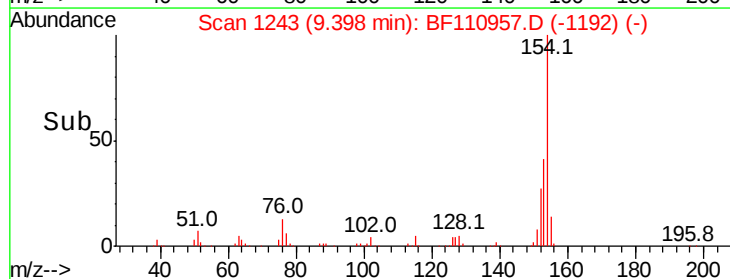


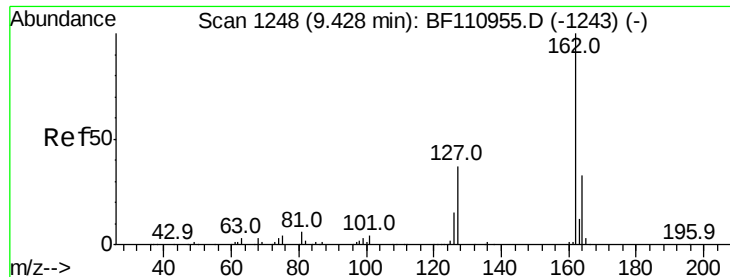
#46
1,1'-Biphenyl
Concen: 57.233 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Tgt Ion:154 Resp: 744349
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 12.6 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

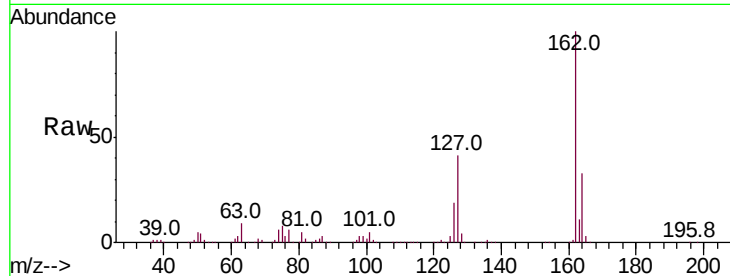




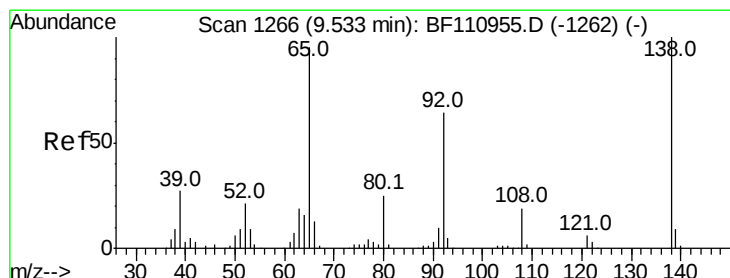
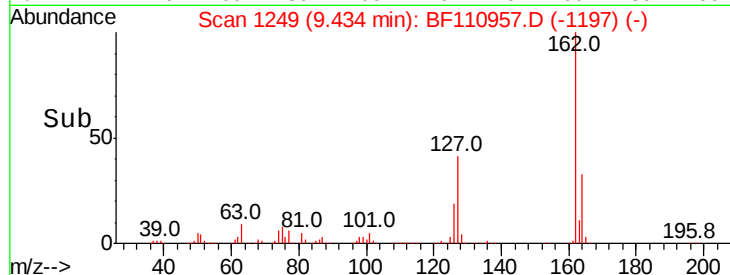
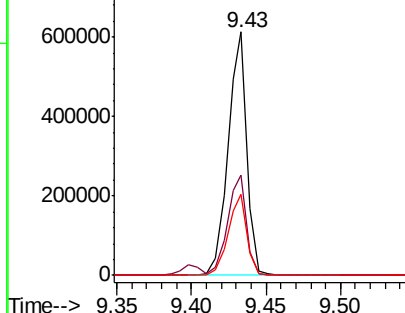
#47
 2-Chloronaphthalene
 Concen: 58.112 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.6	48.8
164	33.3	25.9	38.9

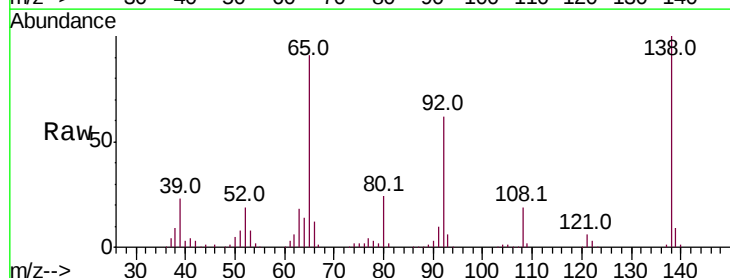


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

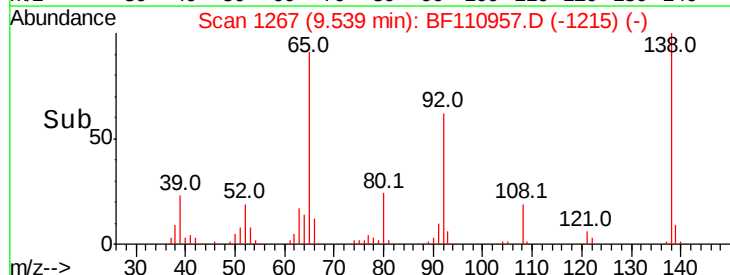
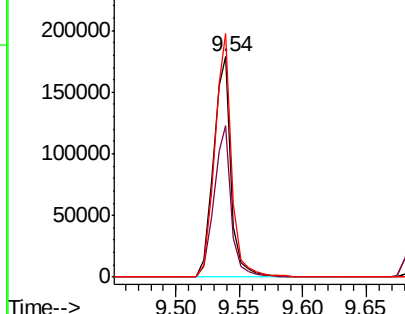


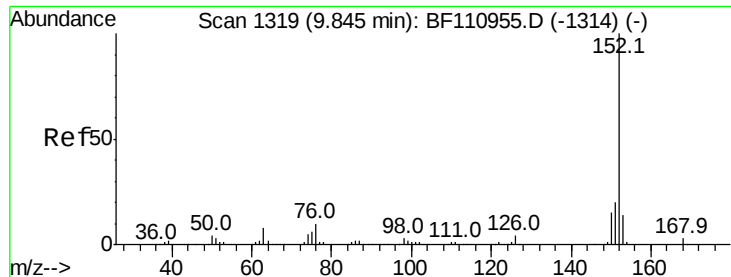
#48
 2-Nitroaniline
 Concen: 60.624 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. 0.01 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	54.6	81.8
138	110.5	80.3	120.5



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





#49

Acenaphthylene

Concen: 56.848 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

Instrument :

BNA_F

ClientSampled :

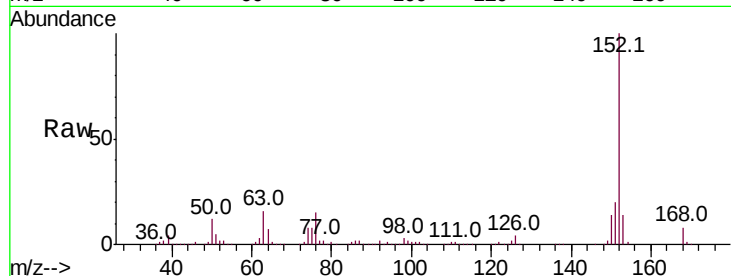
Tot Ion:152 Resp: 767088

Ion Ratio Lower Upper

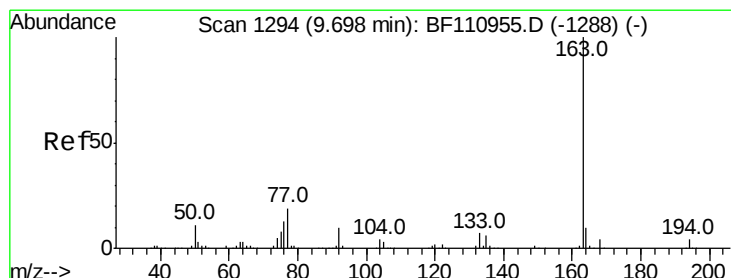
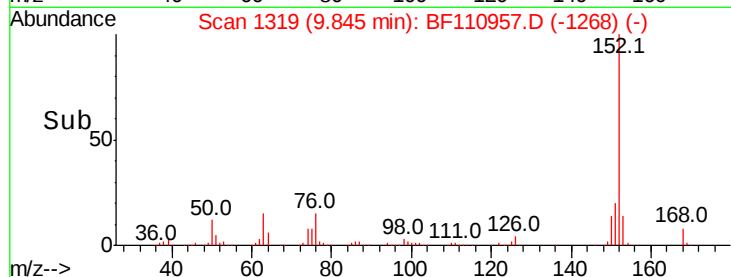
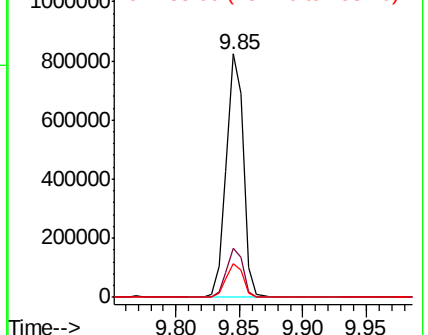
152 100

151 20.1 15.8 23.8

153 13.7 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: 56.885 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

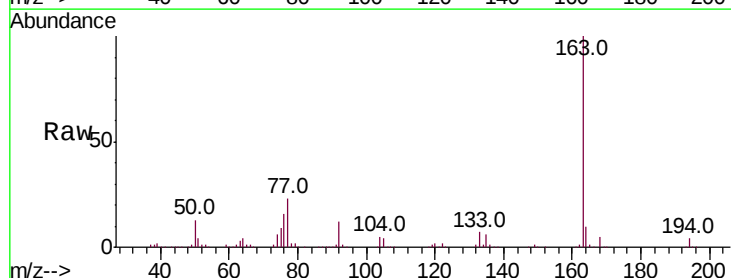
Tgt Ion:163 Resp: 591765

Ion Ratio Lower Upper

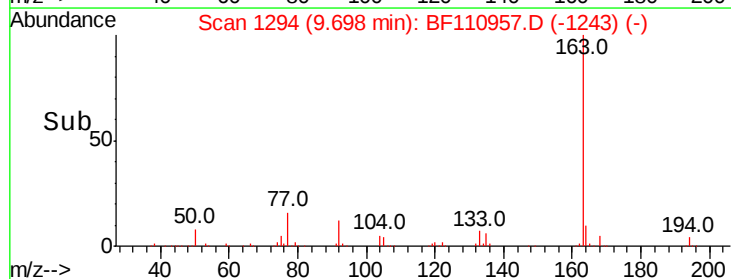
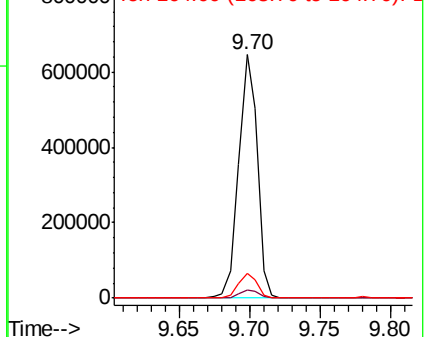
163 100

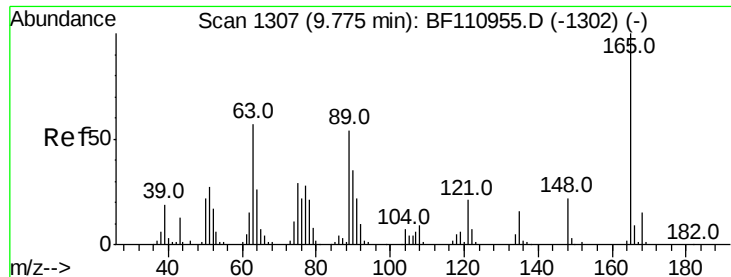
194 3.5 3.2 4.8

164 10.2 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: 60.488 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

Instrument :

BNA_F

ClientSampled :

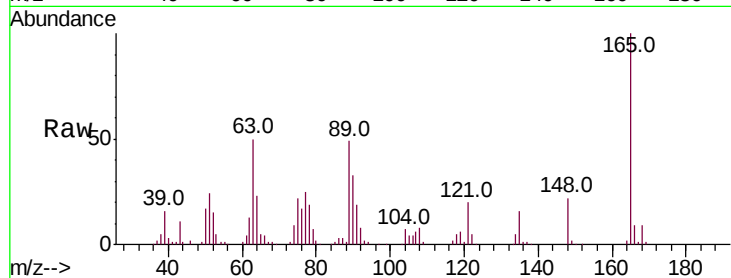
Tot Ion:165 Resp: 138421

Ion Ratio Lower Upper

165 100

63 50.0 48.9 73.3

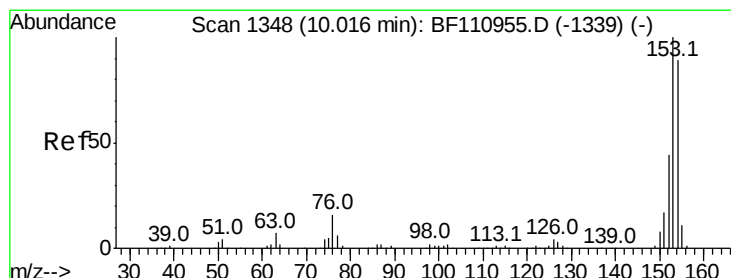
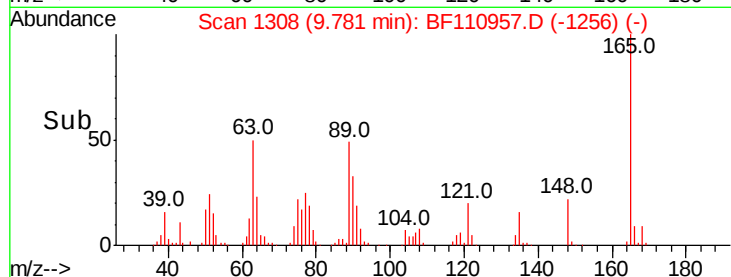
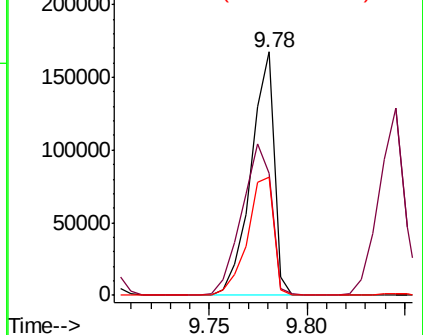
89 48.7 46.6 69.8



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: 57.614 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

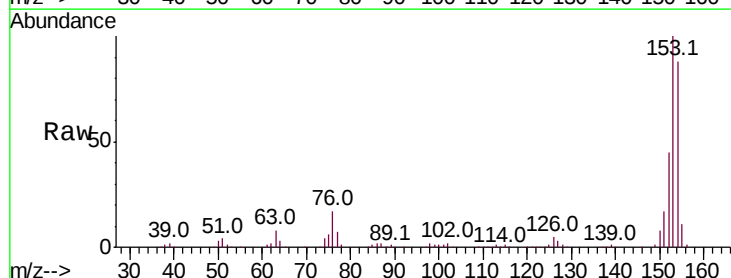
Tgt Ion:154 Resp: 491306

Ion Ratio Lower Upper

154 100

153 113.2 90.1 135.1

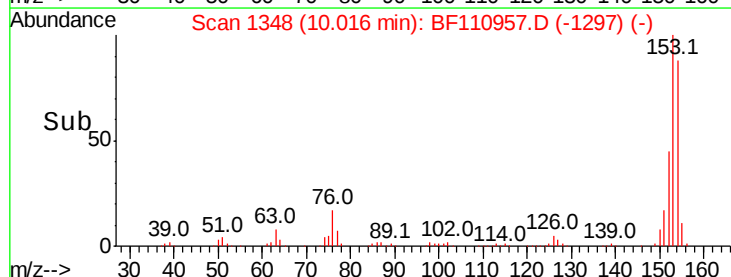
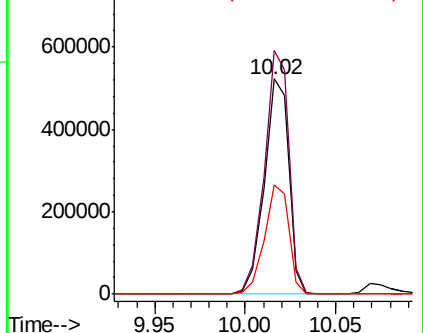
152 50.7 43.4 65.2

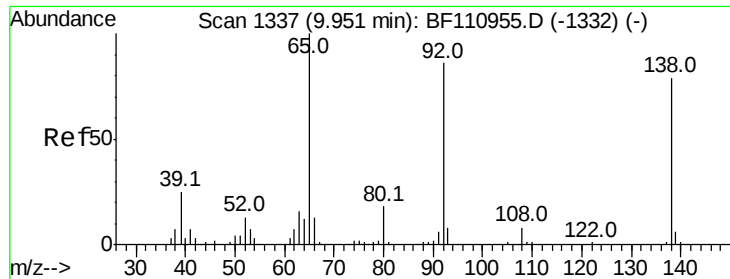


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

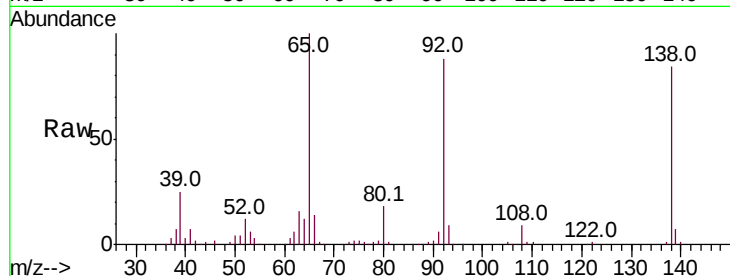




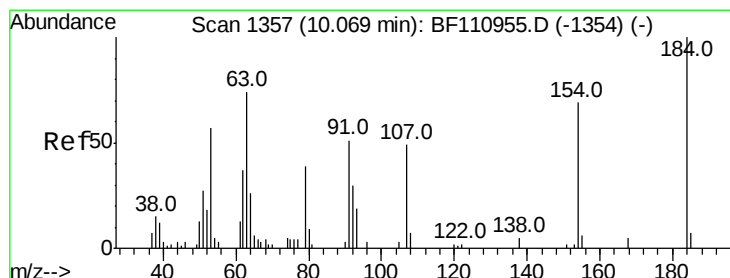
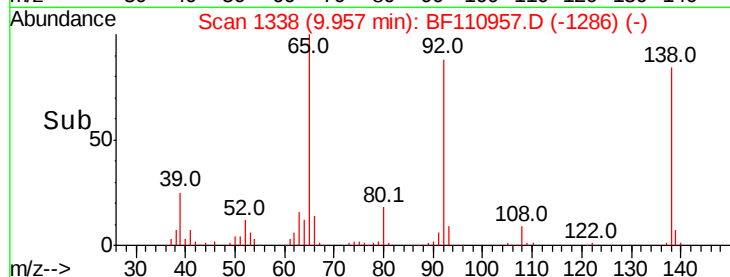
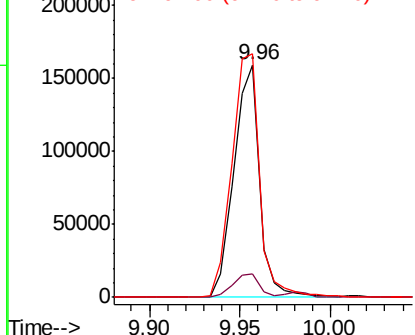
#53
3-Nitroaniline
Concen: 59.504 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 157759
Ion Ratio Lower Upper
138 100
108 10.4 8.7 13.1
92 104.7 97.0 145.4

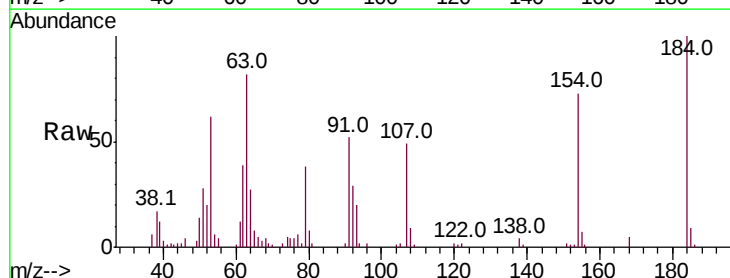


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

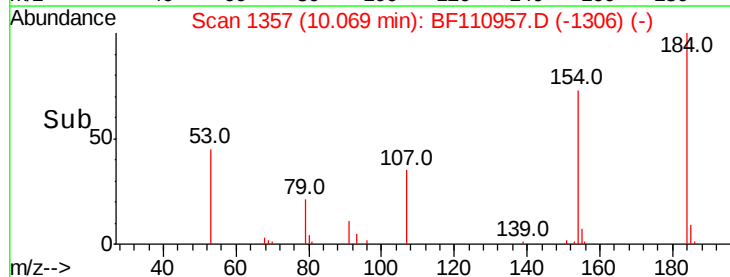
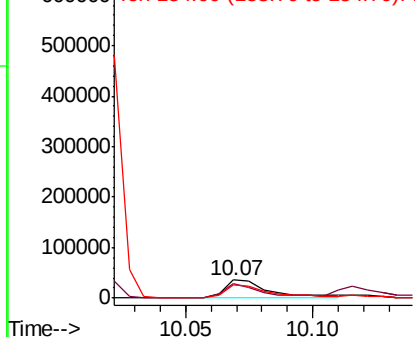


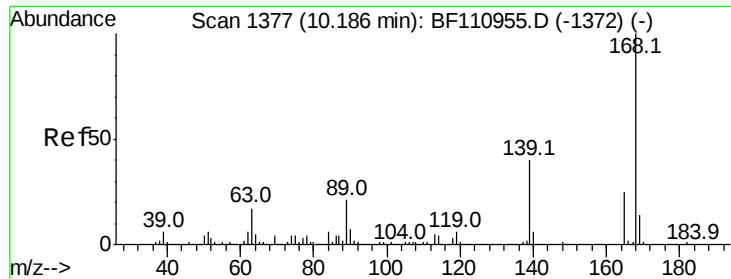
#54
2,4-Dinitrophenol
Concen: 55.198 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Tgt Ion:184 Resp: 44628
Ion Ratio Lower Upper
184 100
63 82.2 55.8 83.6
154 73.0 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

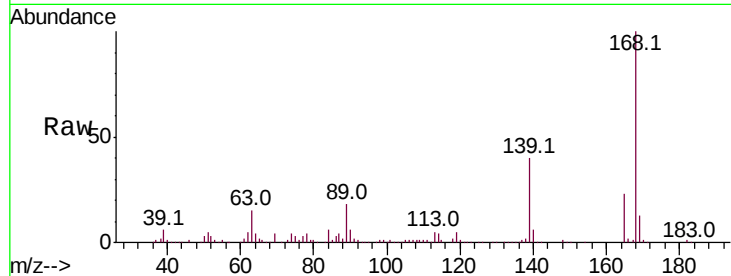




#55
Dibenzofuran
Concen: 55.801 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	33.0	49.6
169	12.8	11.3	16.9

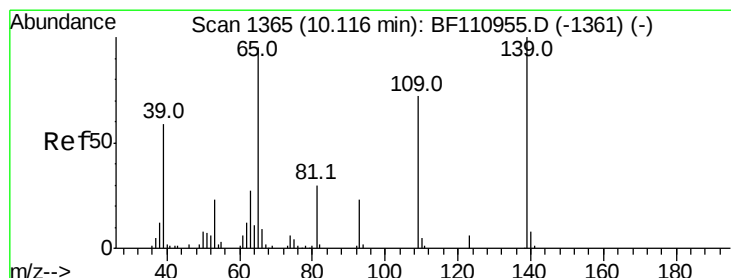
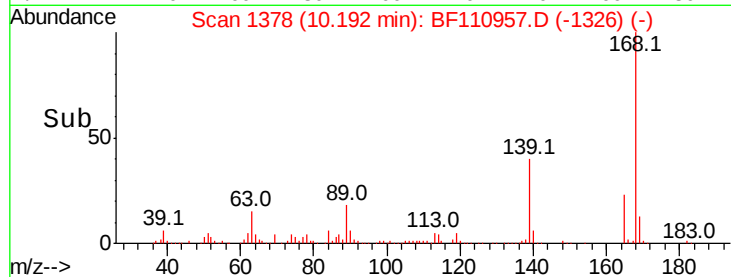
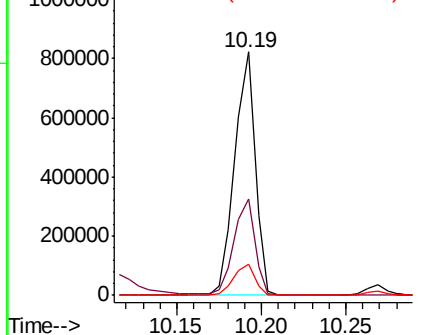


Abundance

Ion 168.00 (167.70 to 168.70): E

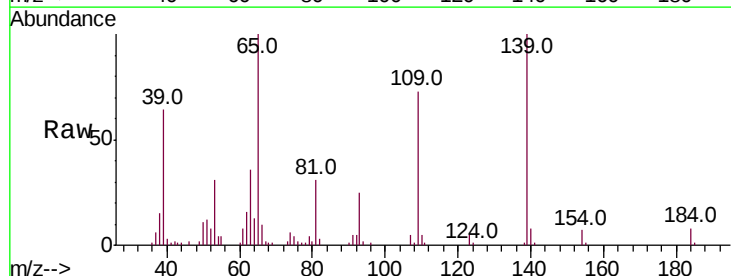
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 49.244 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.3	55.8	95.8
65	99.8	77.9	117.9

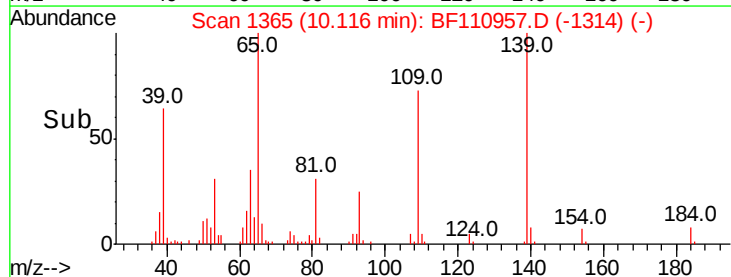
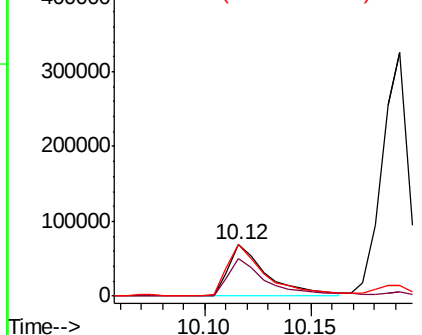


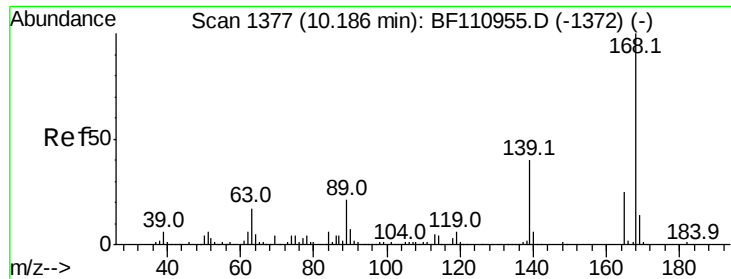
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

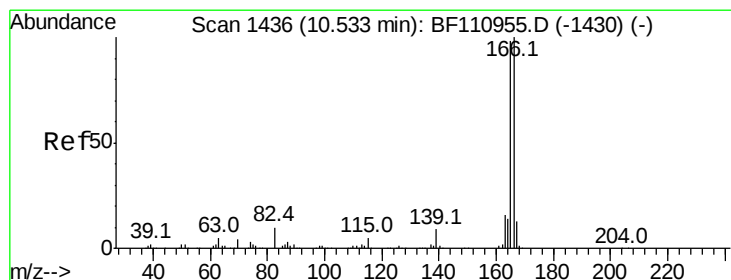
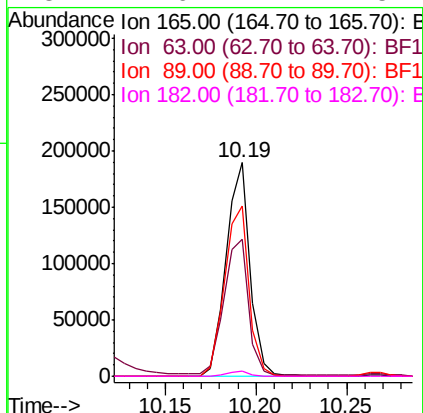
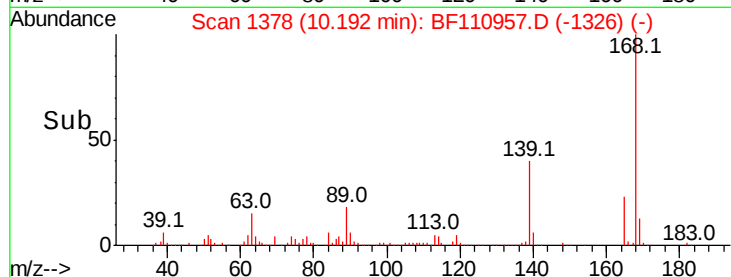
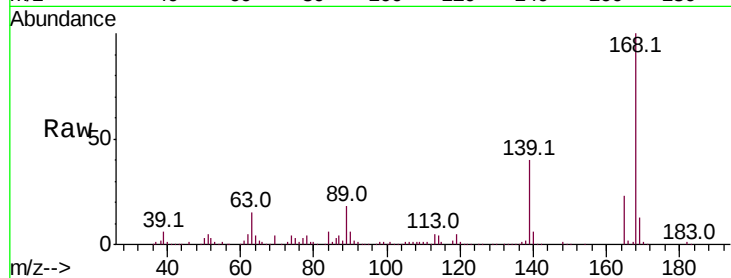




#57
 2,4-Dinitrotoluene
 Concen: 58.234 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.01 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

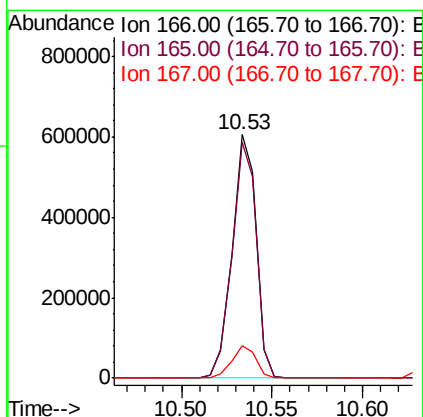
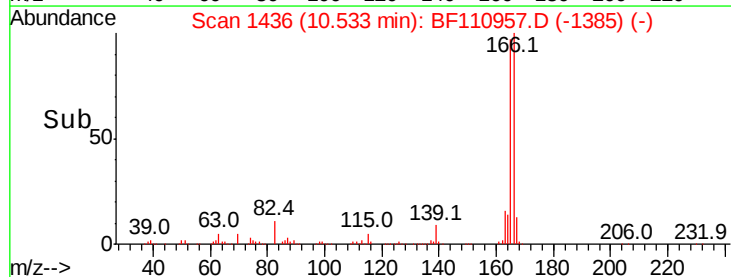
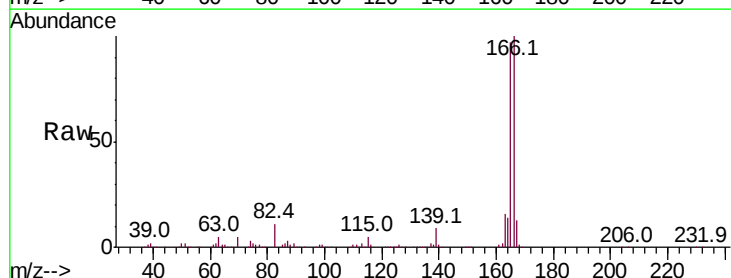
Instrument :
 BNA_F
 ClientSampleId :

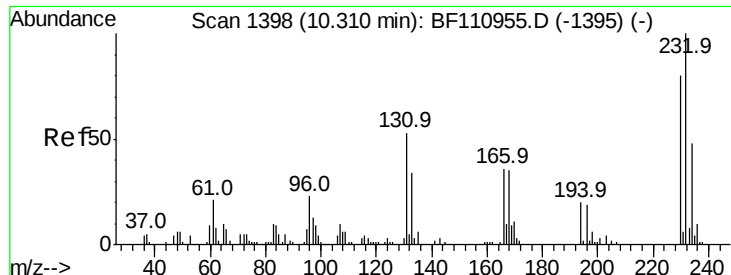
Tot Ion	Ratio	Lower	Upper
165	100		
63	64.1	44.8	67.2
89	79.8	62.2	93.4
182	2.6	2.1	3.1



#58
 Fluorene
 Concen: 58.274 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.6	117.8
167	13.4	10.8	16.2

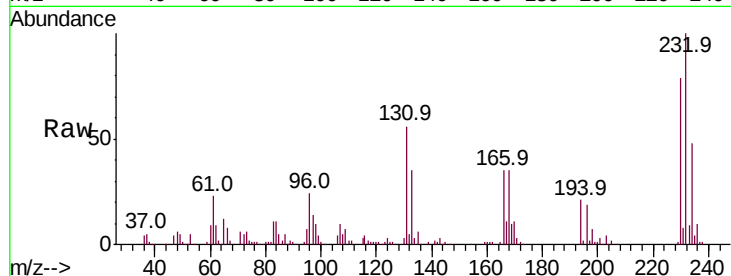




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.631 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.6	37.0	55.4
130	2.2	1.8	2.6
166	32.6	22.0	33.0



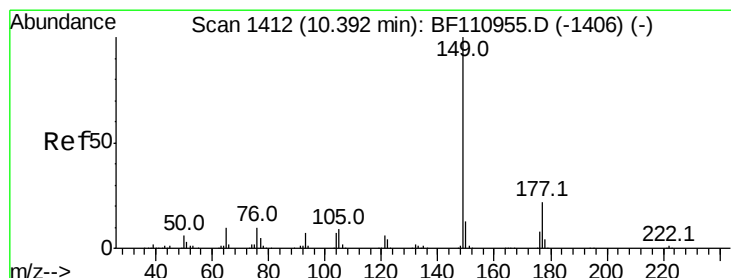
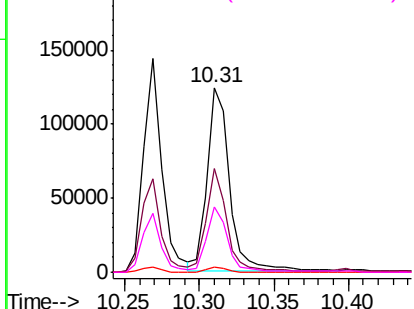
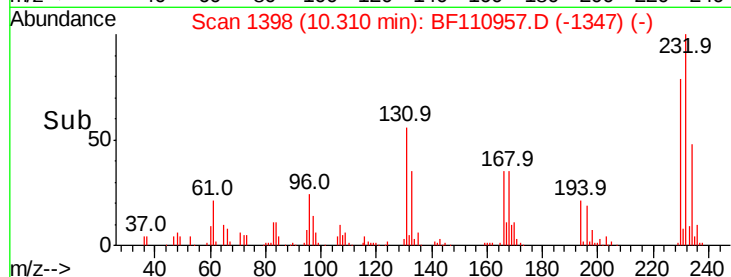
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

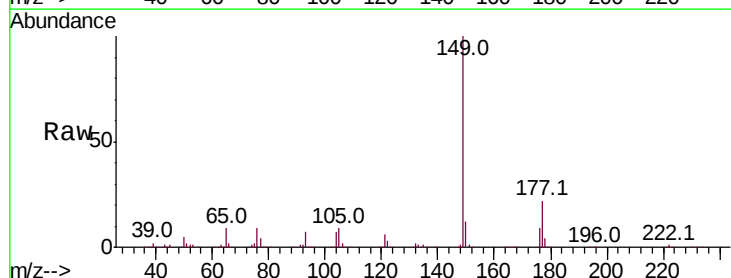
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 58.974 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.2
150	12.1	9.8	14.8

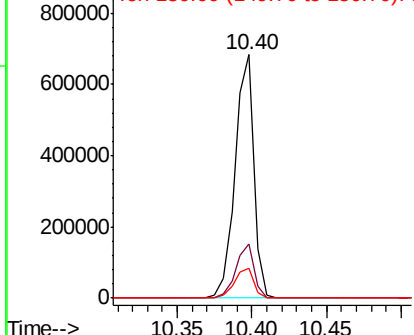
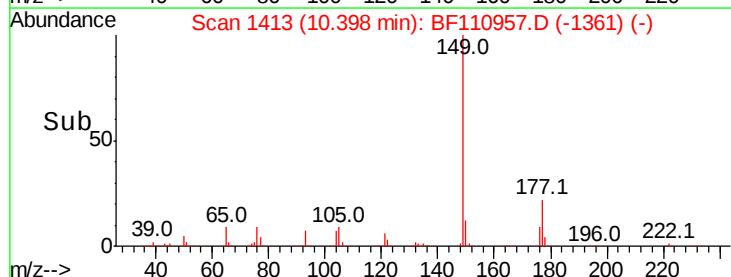


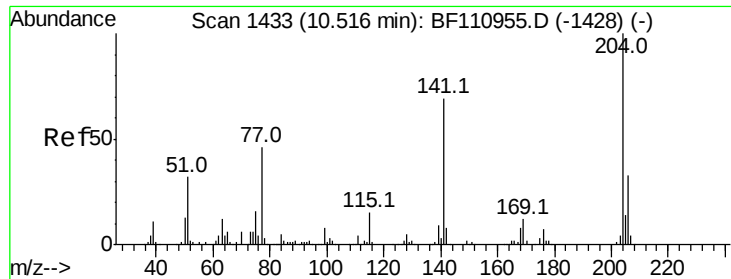
Abundance

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

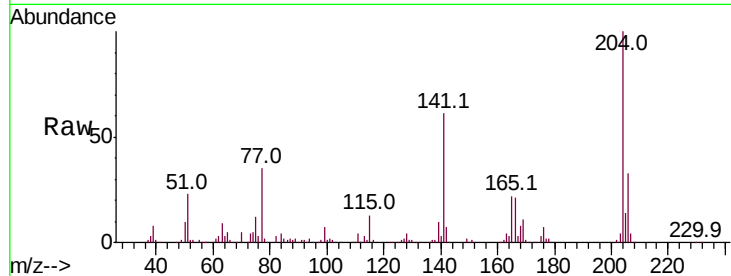




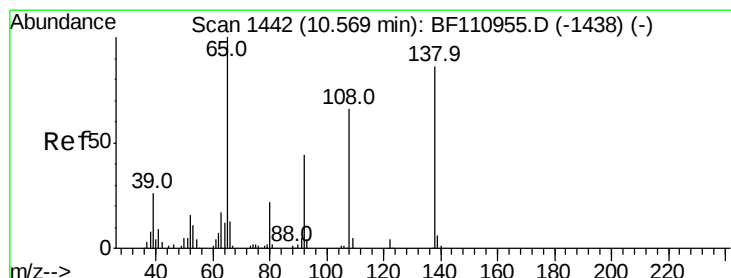
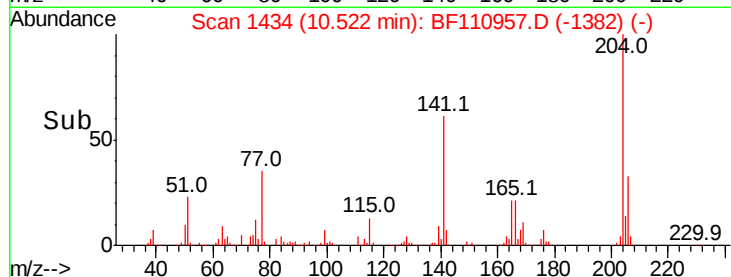
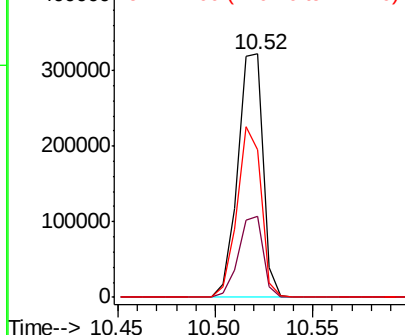
#61
4-Chlorophenyl-phenylether
Concen: 58.443 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	60.7	51.8	77.8

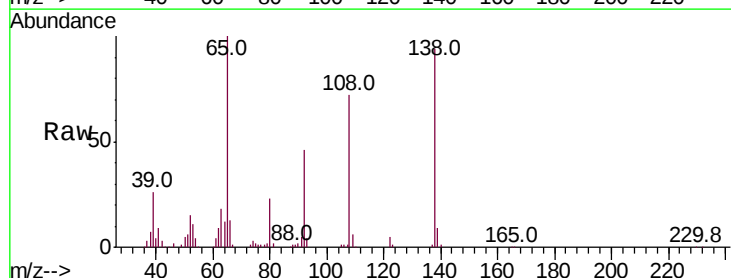


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

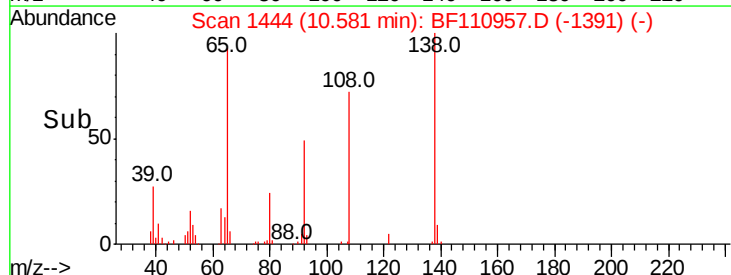
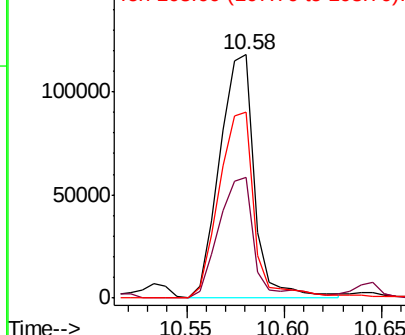


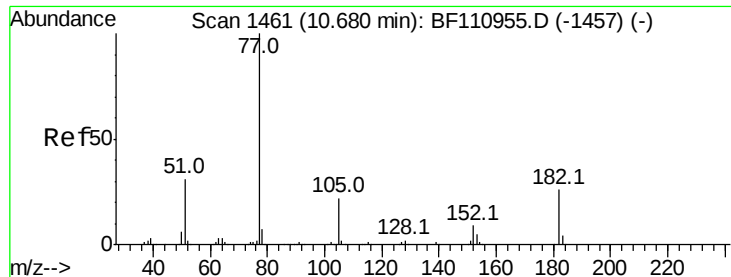
#62
4-Nitroaniline
Concen: 54.913 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	31.7	71.7
108	76.4	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

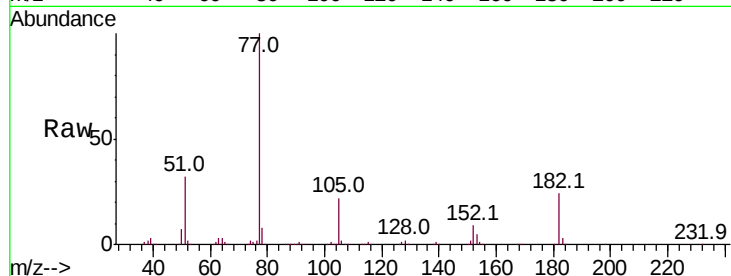




#63
Azobenzene
Concen: 59.133 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.2	4.3	44.3
105	21.5	1.3	41.3
51	32.0	9.0	49.0



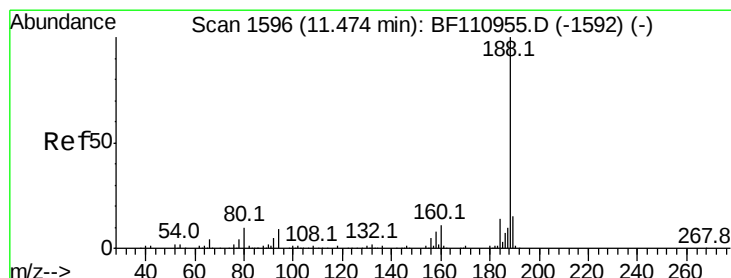
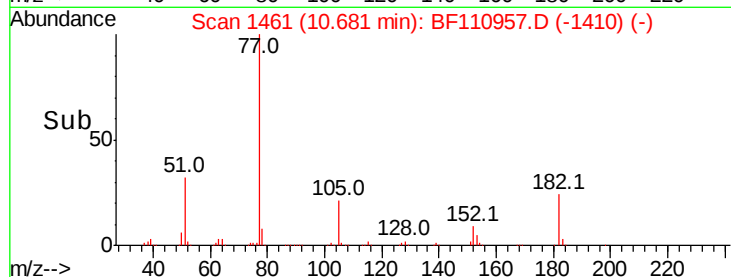
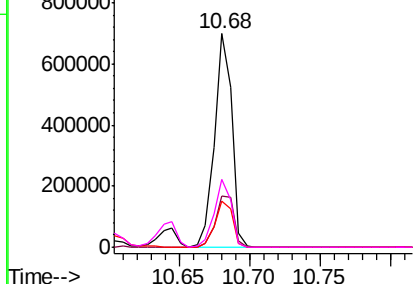
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

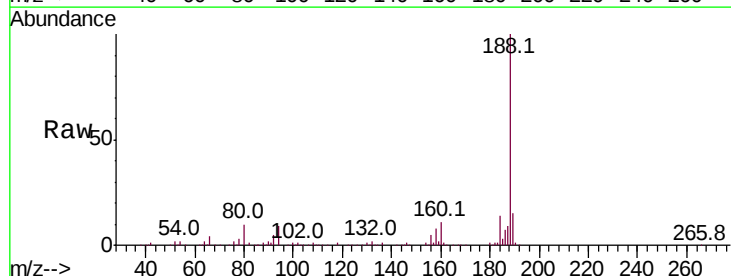
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.4	7.9	11.9

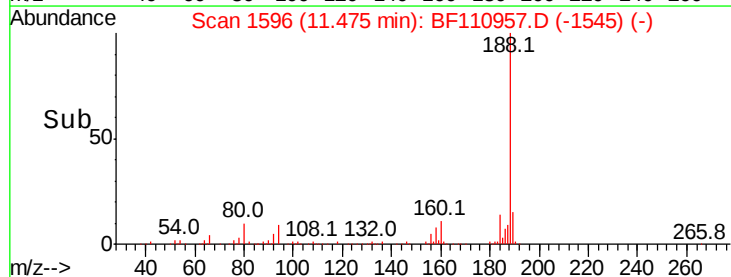
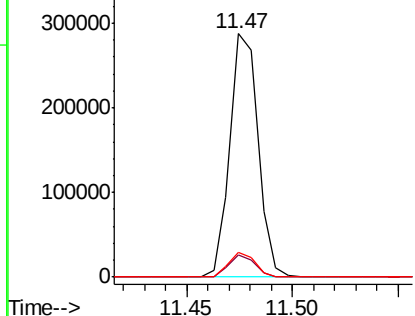


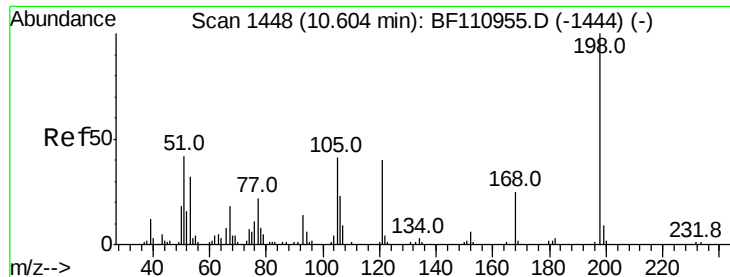
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 61.002 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

Instrument :

BNA_F

ClientSampleId :

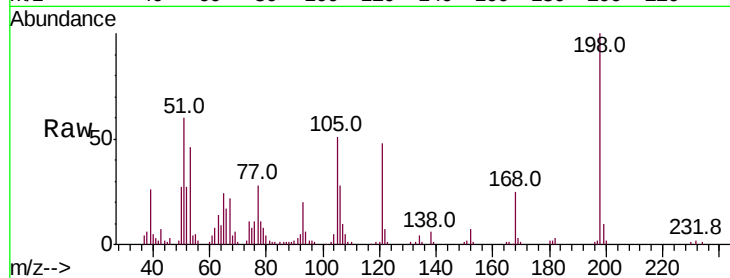
Tot Ion:198 Resp: 81510

Ion Ratio Lower Upper

198 100

51 59.5 22.8 62.8

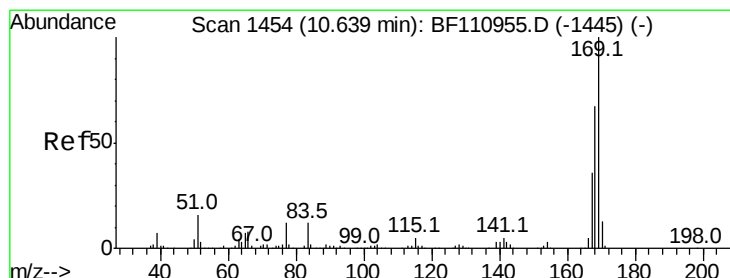
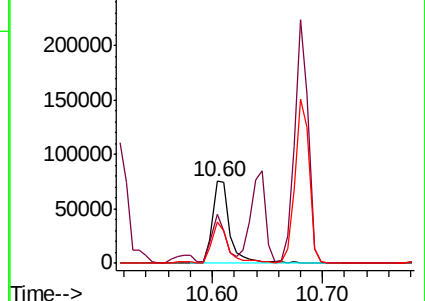
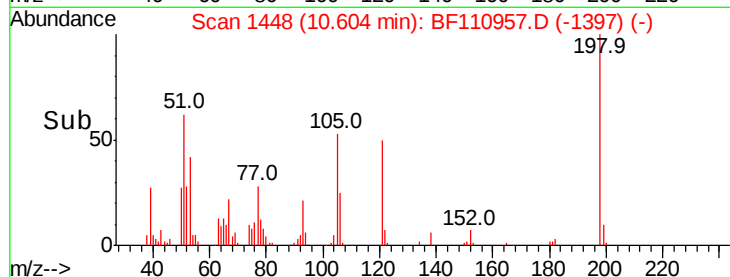
105 50.6 23.6 63.6



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: 57.622 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

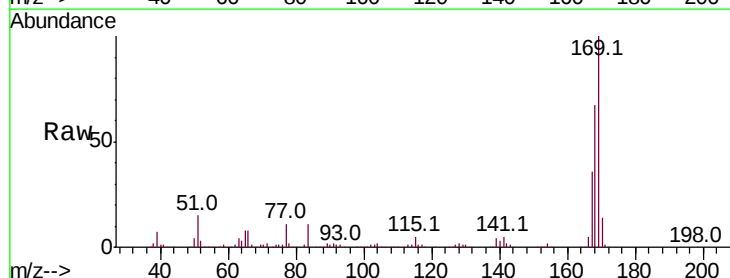
Tgt Ion:169 Resp: 514935

Ion Ratio Lower Upper

169 100

168 66.8 51.2 76.8

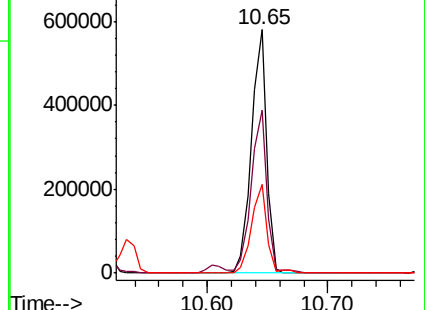
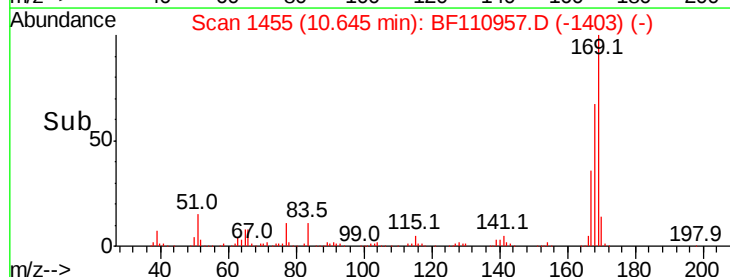
167 36.3 27.8 41.6

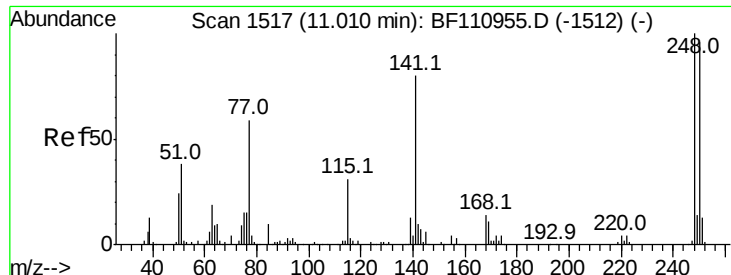


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

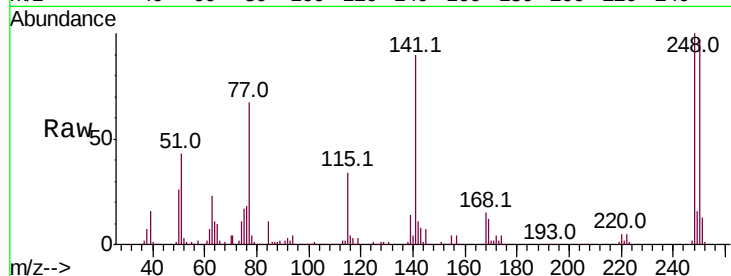




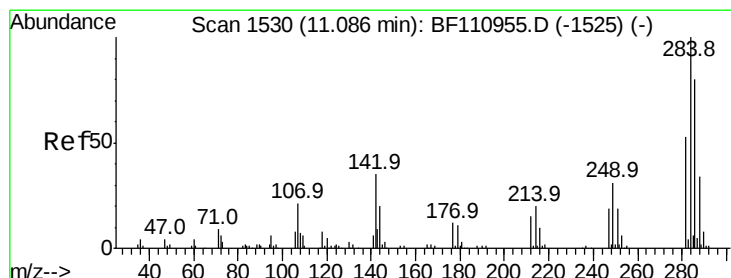
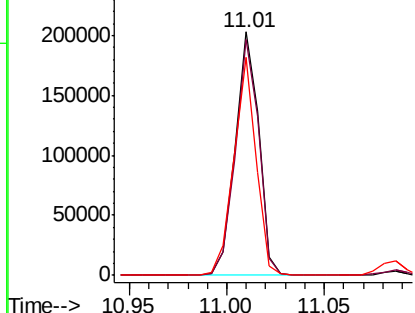
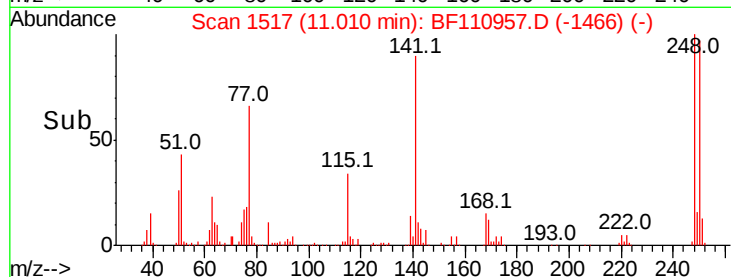
#67
 4-Bromophenyl-phenylether
 Concen: 57.837 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. 0.00 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 169471
 Ion Ratio Lower Upper
 248 100
 250 97.0 79.4 119.2
 141 89.6 55.9 83.9#

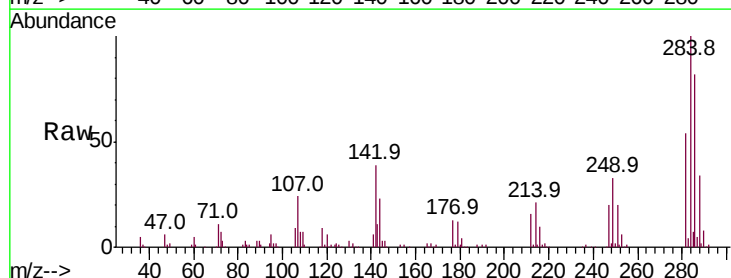


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

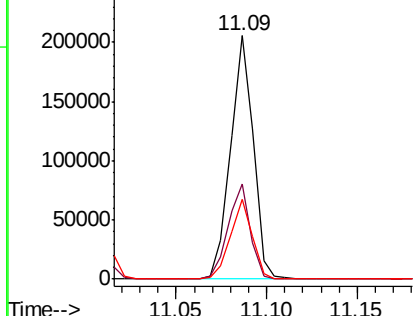
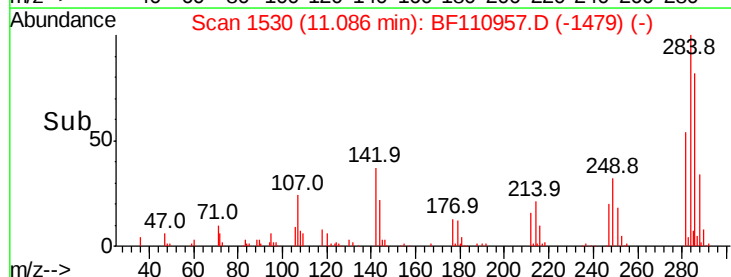


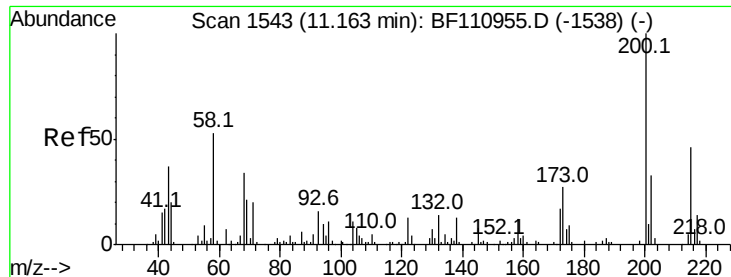
#68
 Hexachlorobenzene
 Concen: 58.391 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

Tgt Ion:284 Resp: 180386
 Ion Ratio Lower Upper
 284 100
 142 38.9 23.9 35.9#
 249 32.8 24.2 36.2



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

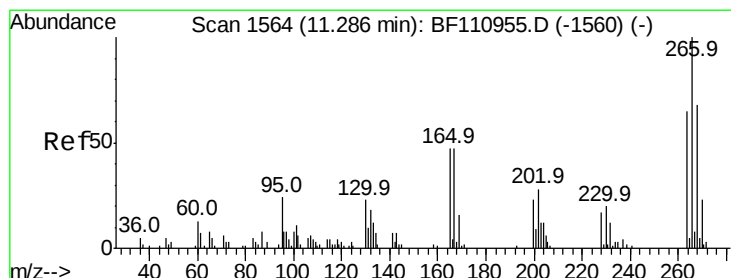
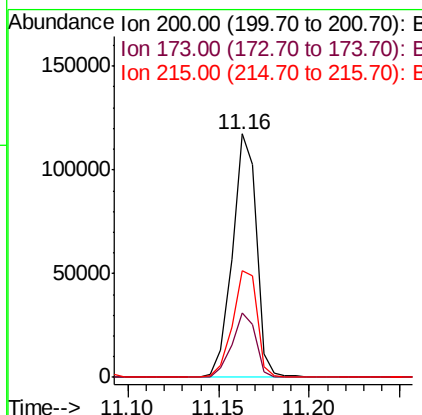
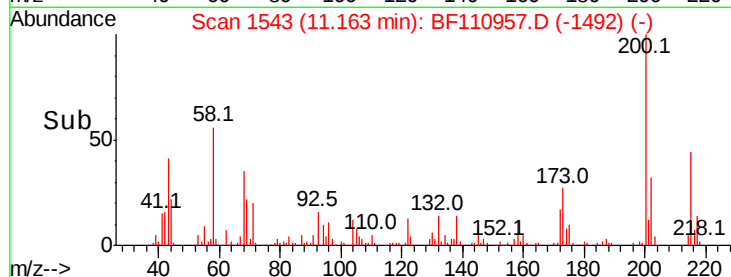
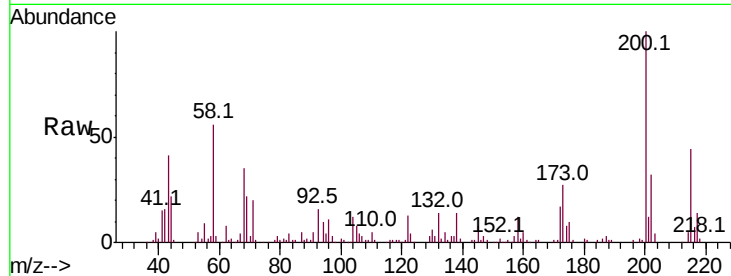




#69
Atrazine
Concen: 39.644 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

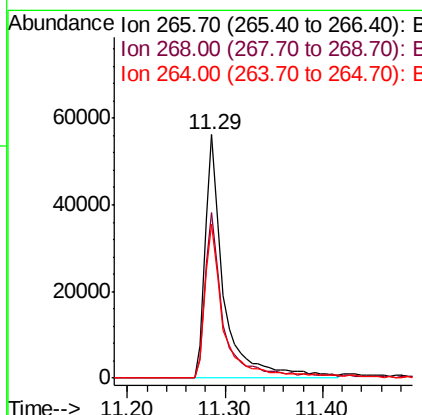
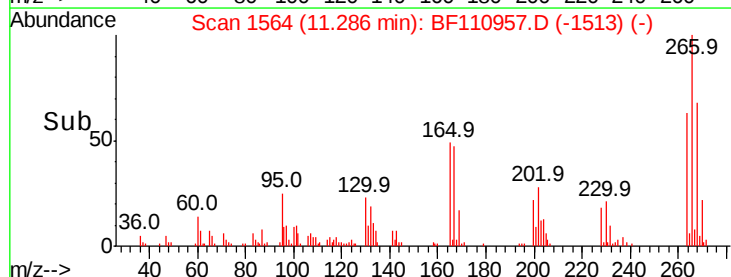
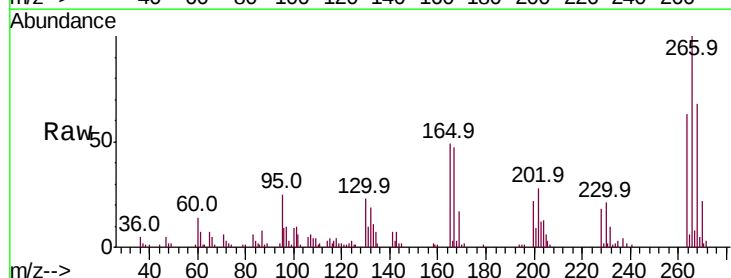
Instrument :
BNA_F
ClientSampleId :

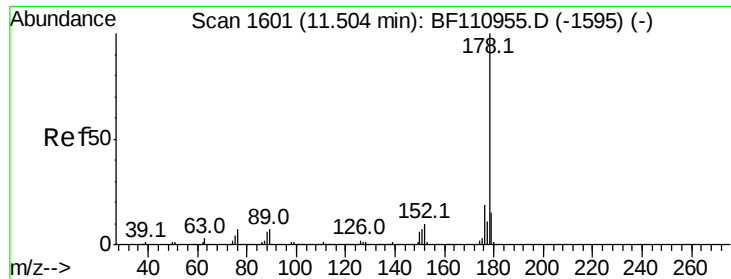
Tot Ion:200 Resp: 108324
Ion Ratio Lower Upper
200 100
173 26.6 6.6 46.6
215 43.7 26.3 66.3



#70
Pentachlorophenol
Concen: 45.459 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Tgt Ion:266 Resp: 74936
Ion Ratio Lower Upper
266 100
268 68.2 50.6 75.8
264 63.4 50.6 75.8





#71

Phenanthrene

Concen: 57.094 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

Instrument :

BNA_F

ClientSampleId :

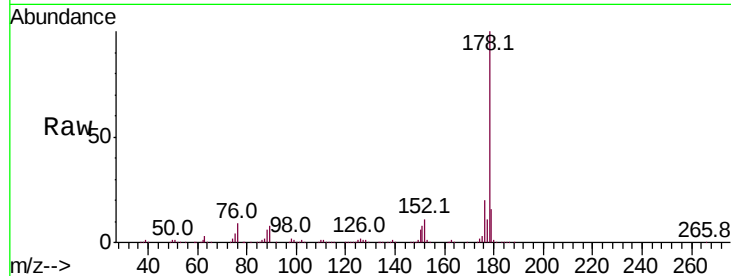
Tot Ion:178 Resp: 810966

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

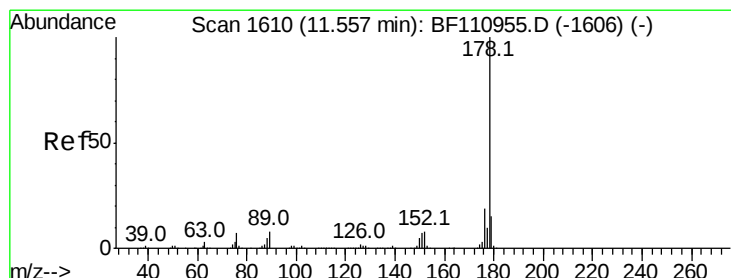
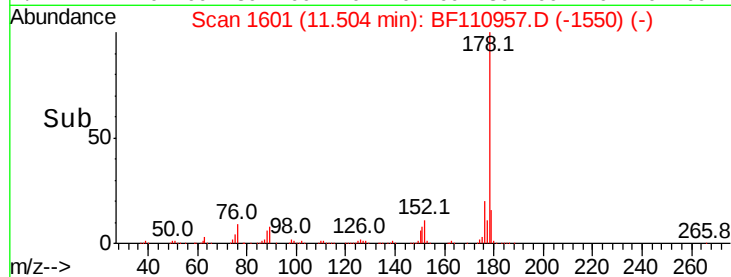
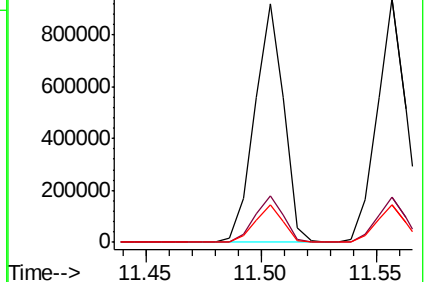
179 15.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 56.976 ng

RT: 11.56 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

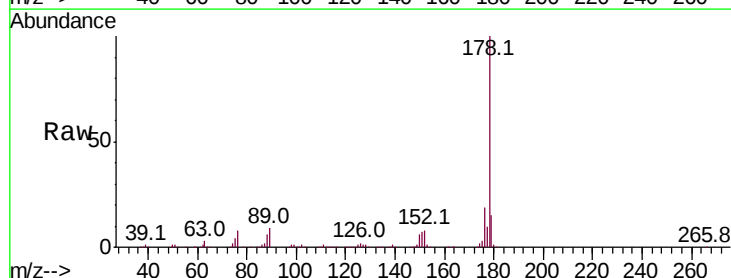
Tgt Ion:178 Resp: 816374

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

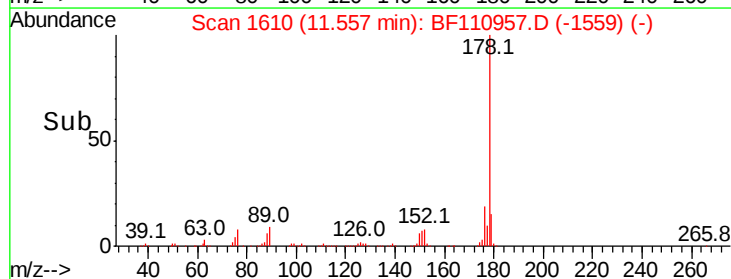
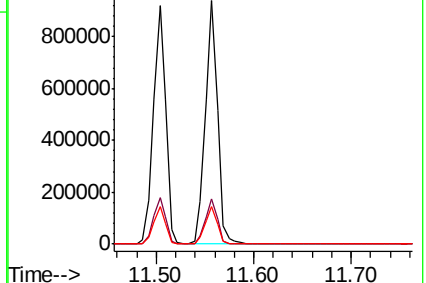
179 15.5 12.6 18.8

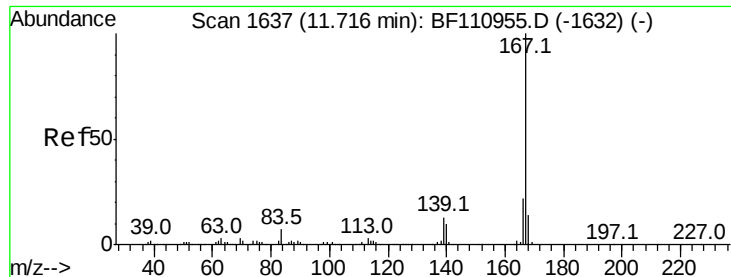


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

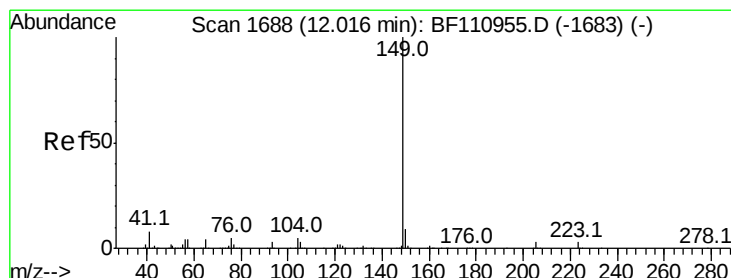
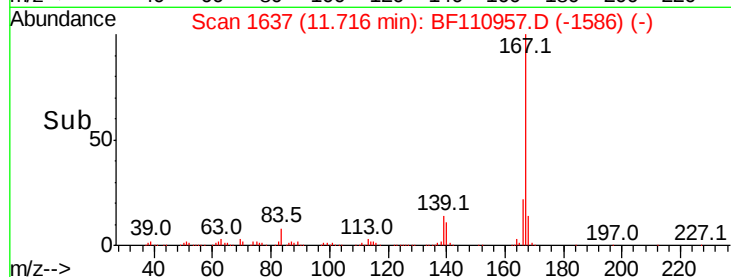
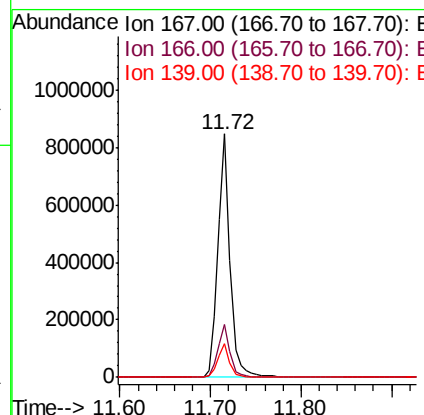
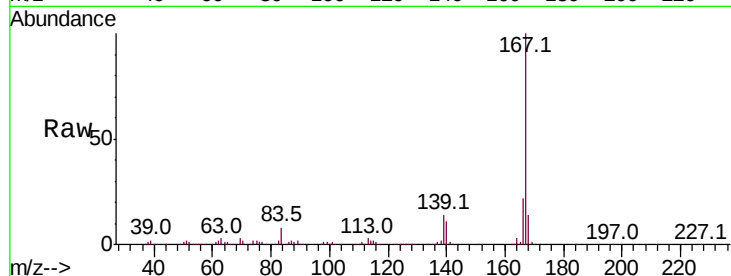




#73
 Carbazole
 Concen: 57.971 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

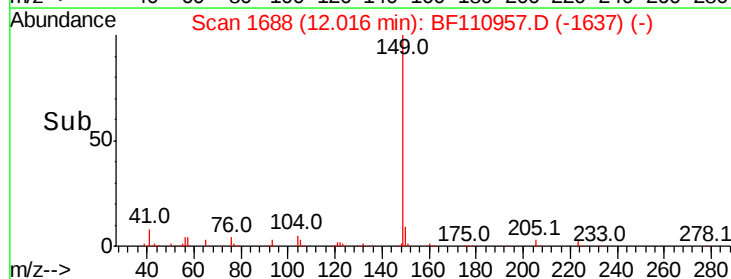
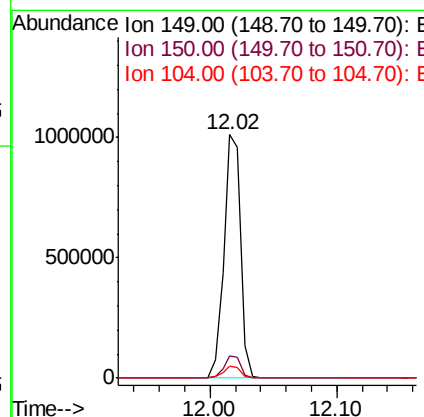
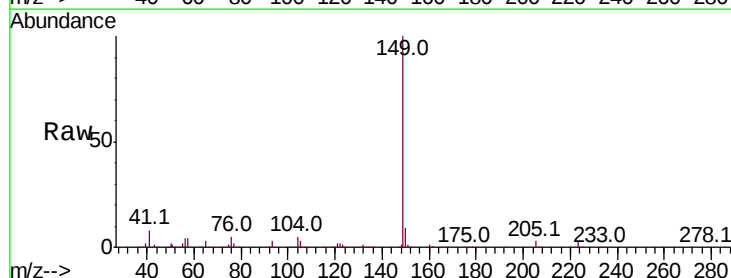
Instrument :
 BNA_F
 ClientSampleId :

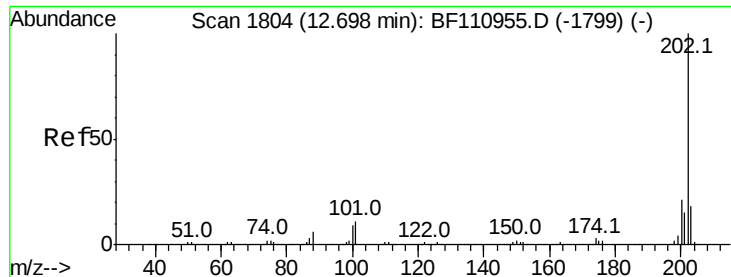
Tot Ion:167 Resp: 797714
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.8 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 57.965 ng
 RT: 12.02 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

Tgt Ion:149 Resp: 935357
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.0 4.2 6.4

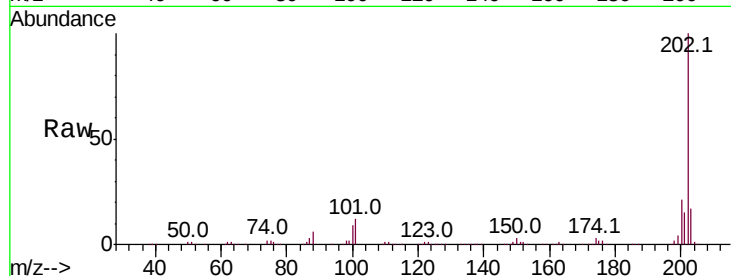




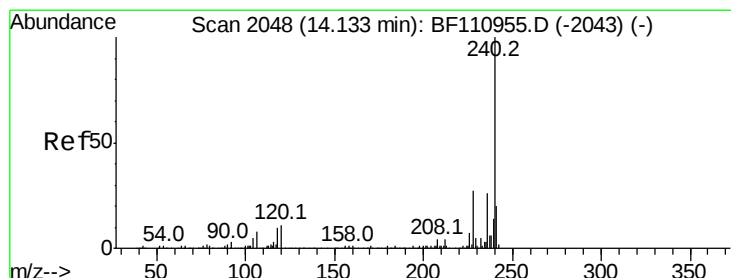
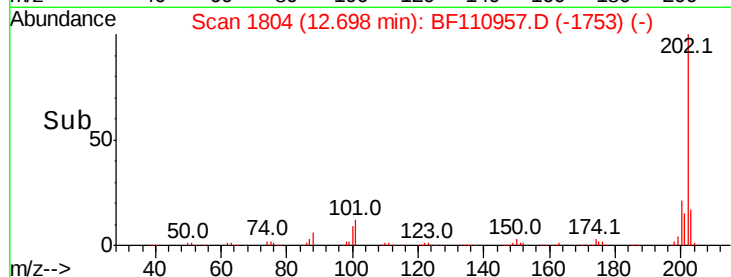
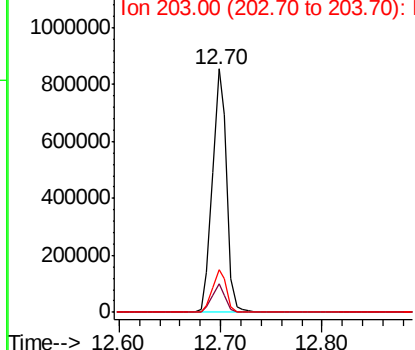
#75
Fluoranthene
 Concen: 58.398 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 831617
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 31.4
 203 17.4 0.0 37.7

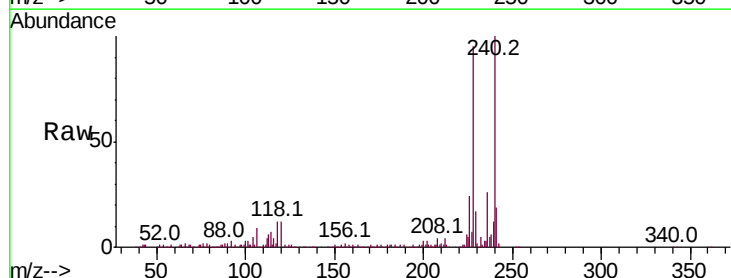


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

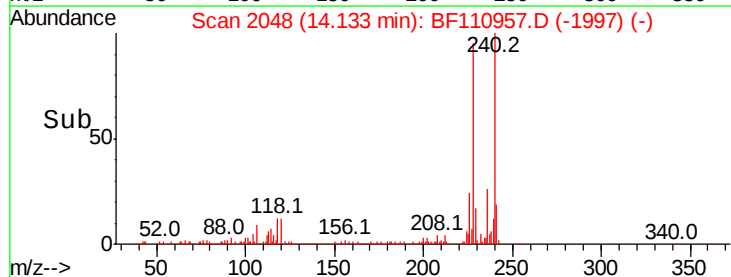
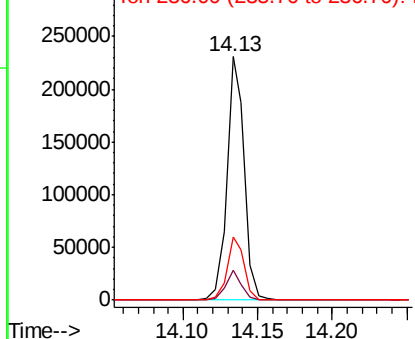


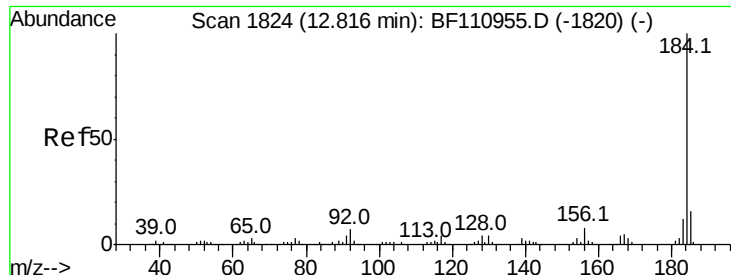
#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

Tgt Ion:240 Resp: 189315
 Ion Ratio Lower Upper
 240 100
 120 12.3 8.3 12.5
 236 25.7 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

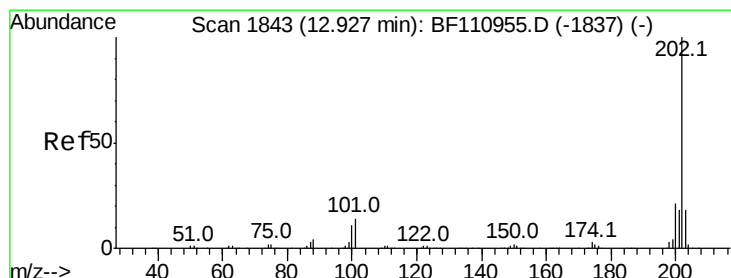
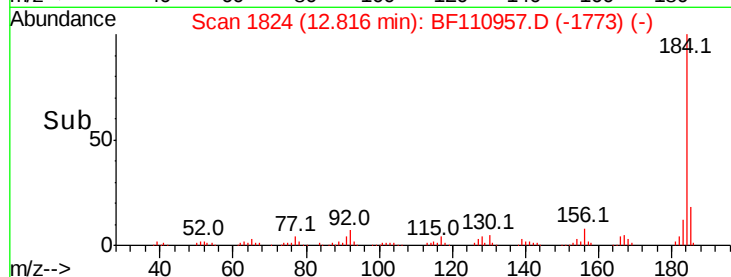
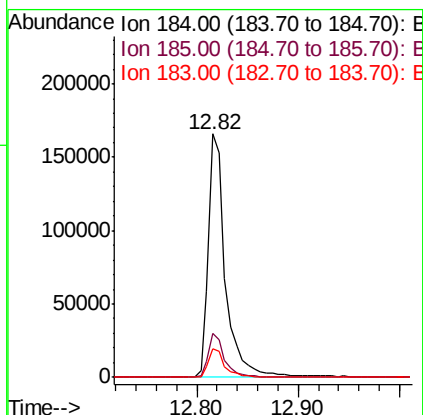
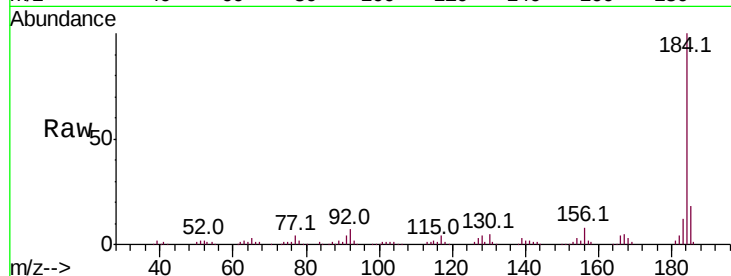




#77
Benzidine
Concen: 37.505 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

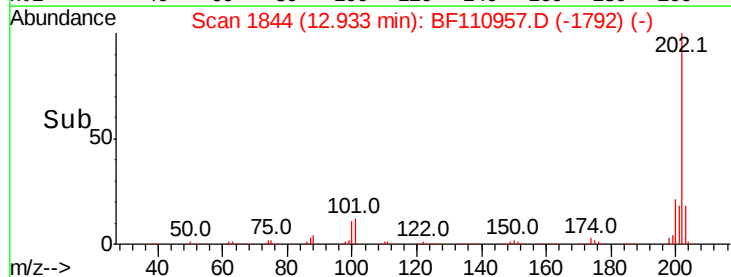
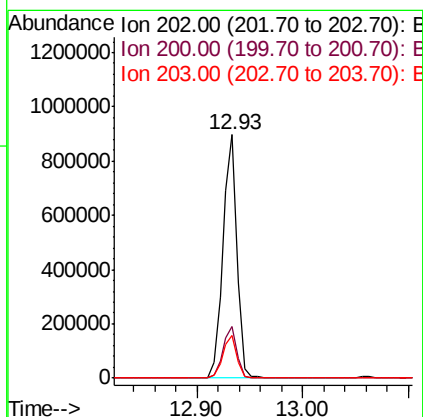
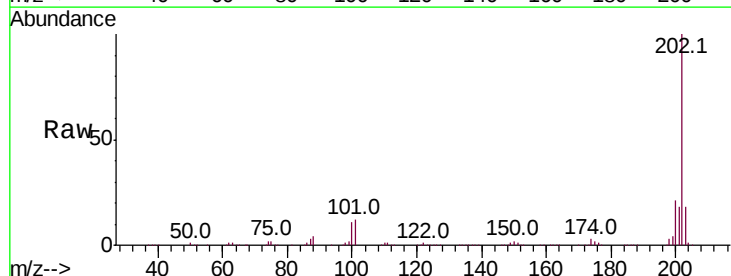
Instrument :
BNA_F
ClientSampleId :

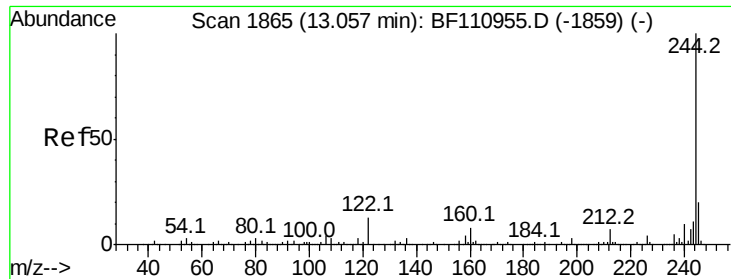
Tot Ion:184 Resp: 195261
Ion Ratio Lower Upper
184 100
185 18.0 13.4 20.2
183 11.9 9.4 14.2



#78
Pyrene
Concen: 57.183 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.01 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Tgt Ion:202 Resp: 833542
Ion Ratio Lower Upper
202 100
200 21.0 17.8 26.6
203 17.6 14.2 21.4

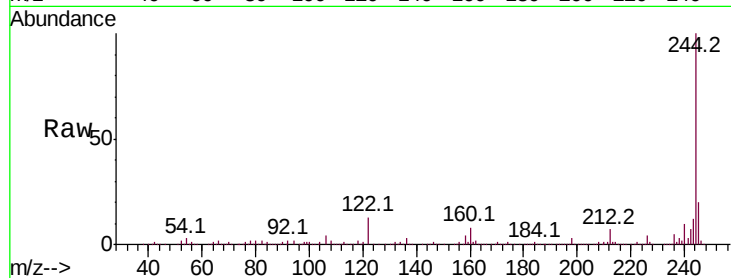




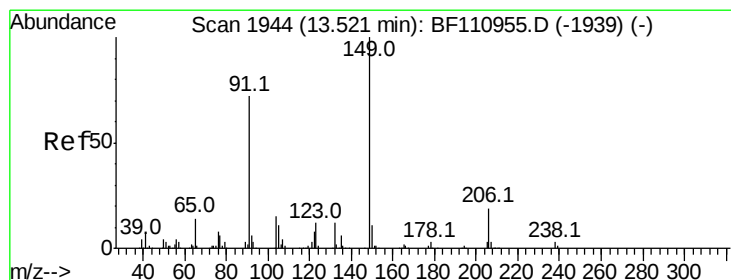
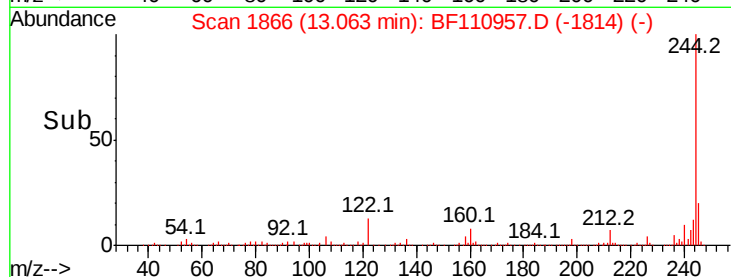
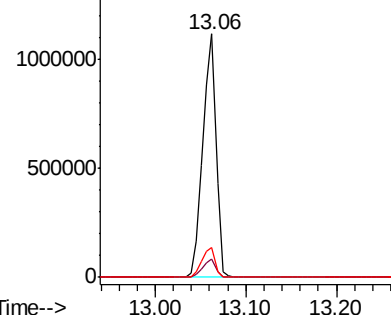
#79
 Terphenyl-d14
 Concen: 111.084 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. 0.01 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1122932
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 12.5 8.7 13.1

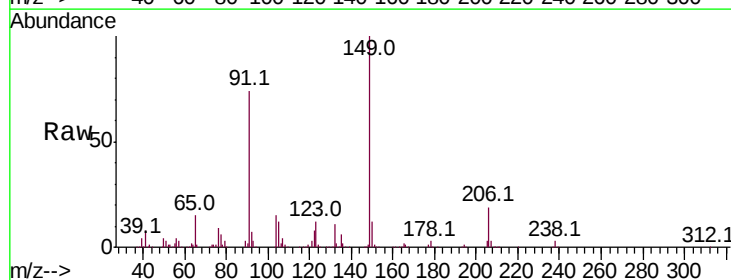


Abundance Ion 244.00 (243.70 to 244.70): E
 1500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

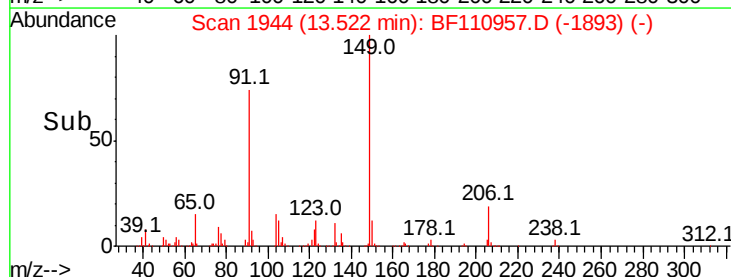
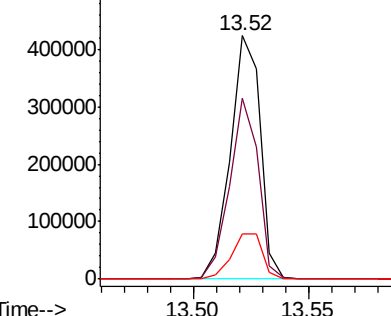


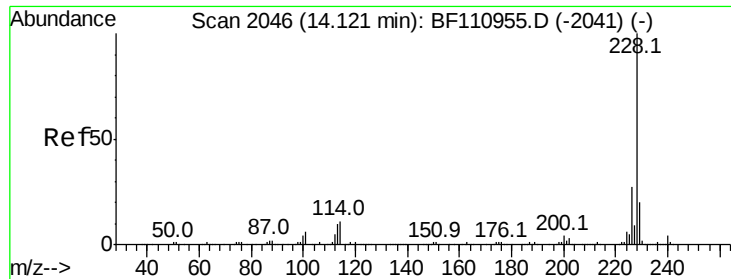
#80
 Butylbenzylphthalate
 Concen: 61.542 ng
 RT: 13.52 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

Tgt Ion:149 Resp: 386114
 Ion Ratio Lower Upper
 149 100
 91 74.2 57.2 85.8
 206 18.6 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E
 500000 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 59.289 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

Instrument :

BNA_F

ClientSampleId :

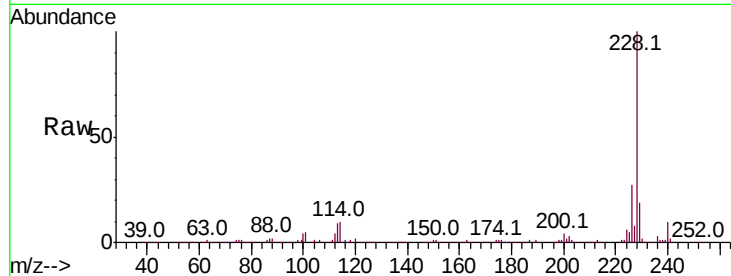
Tot Ion:228 Resp: 670892

Ion Ratio Lower Upper

228 100

226 27.0 22.1 33.1

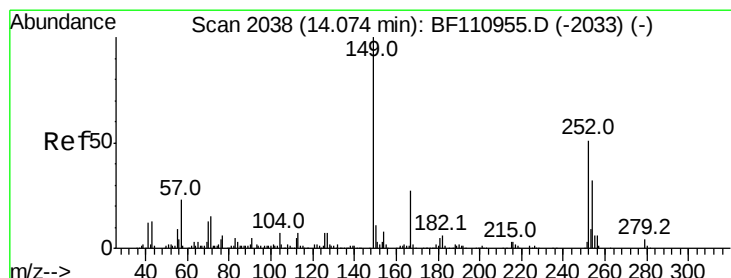
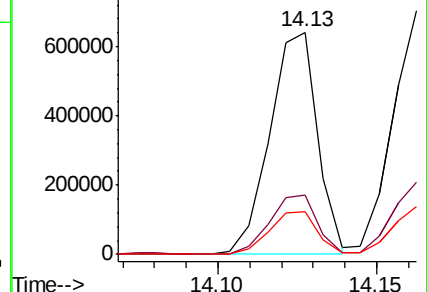
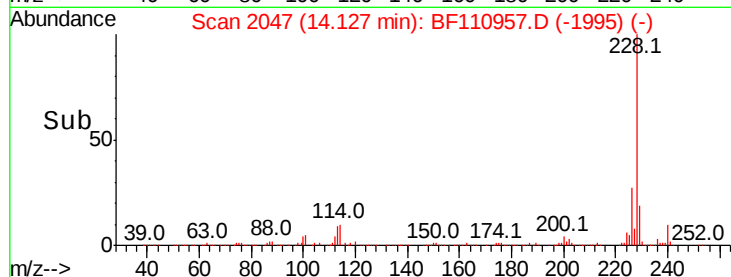
229 19.3 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 54.658 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

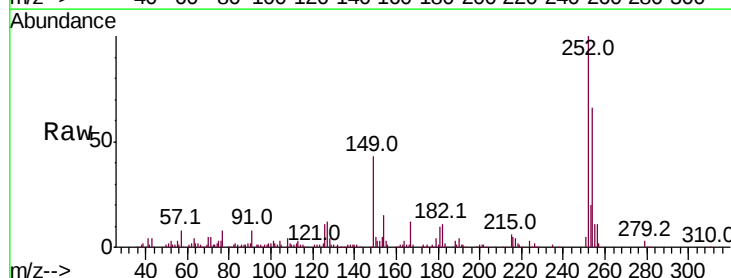
Tgt Ion:252 Resp: 207190

Ion Ratio Lower Upper

252 100

254 65.7 51.3 76.9

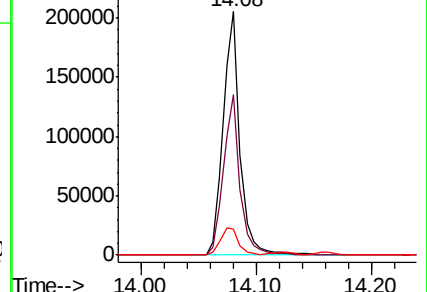
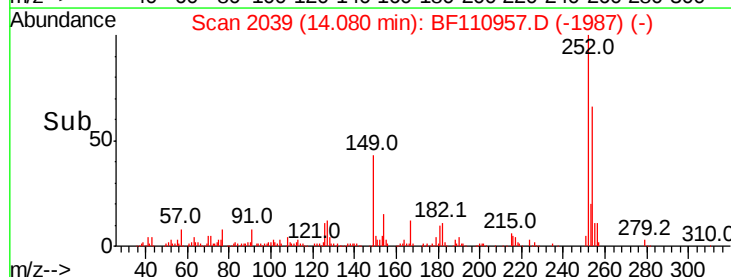
126 10.7 9.4 14.2

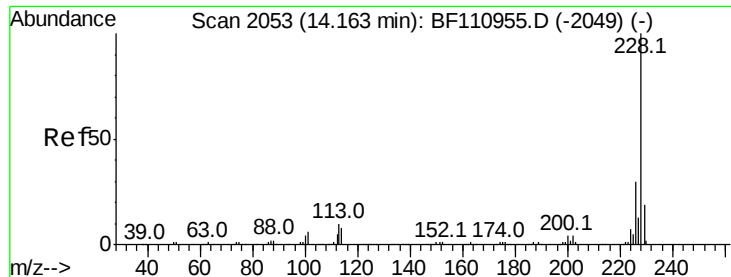


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 59.829 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

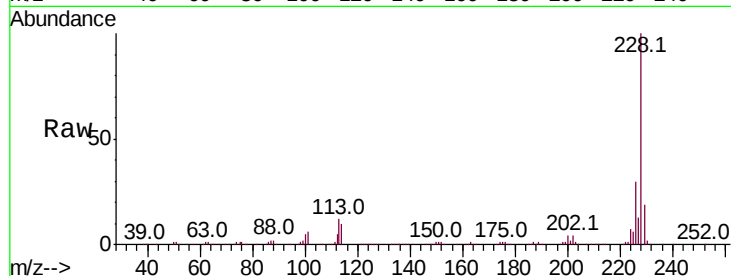
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 644980

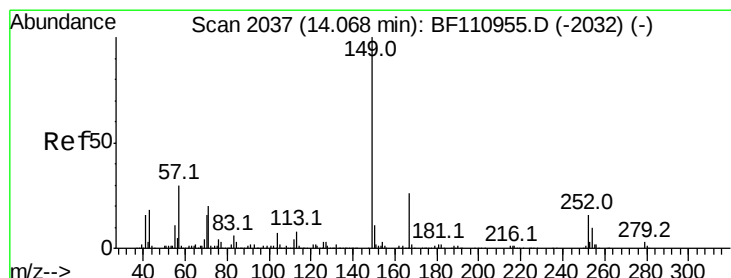
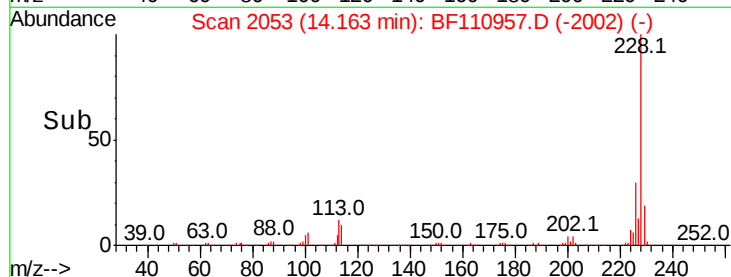
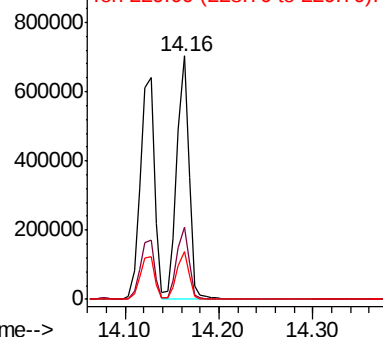
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.7	37.1
229	19.4	15.9	23.9



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: 65.486 ng

RT: 14.07 min Scan# 2037

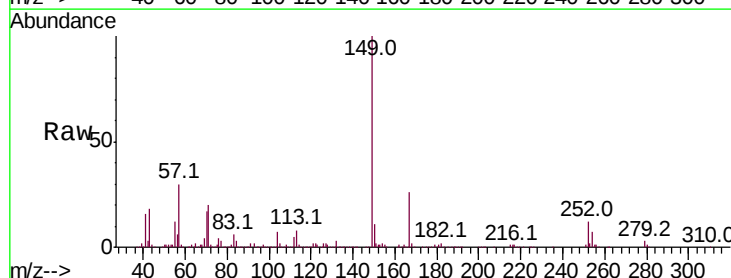
Delta R.T. 0.00 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

Tgt Ion:149 Resp: 509686

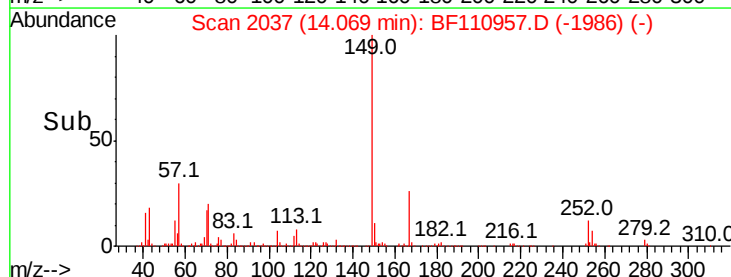
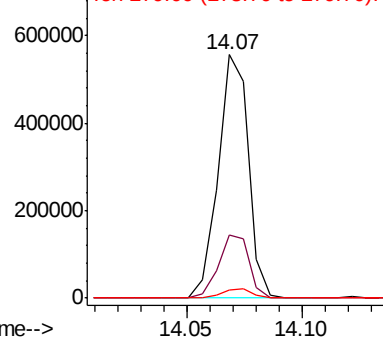
Ion	Ratio	Lower	Upper
149	100		
167	26.1	19.8	29.8
279	3.3	2.7	4.1

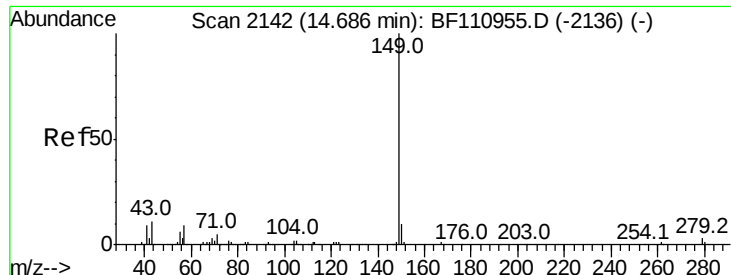


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

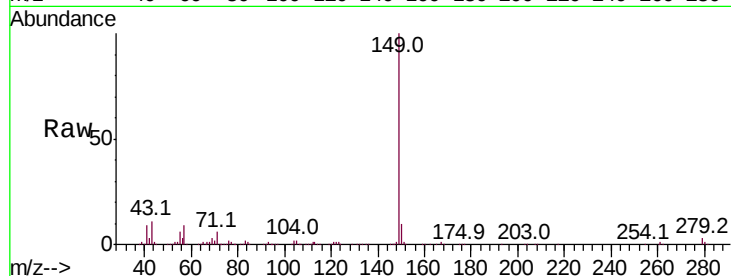




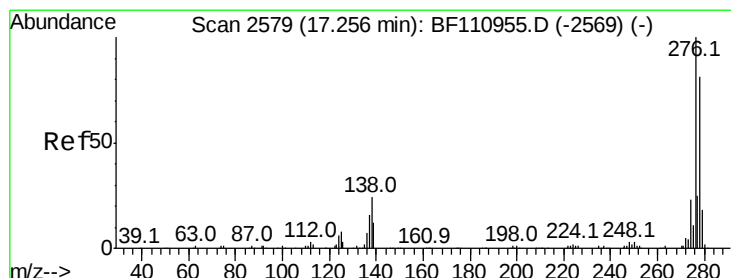
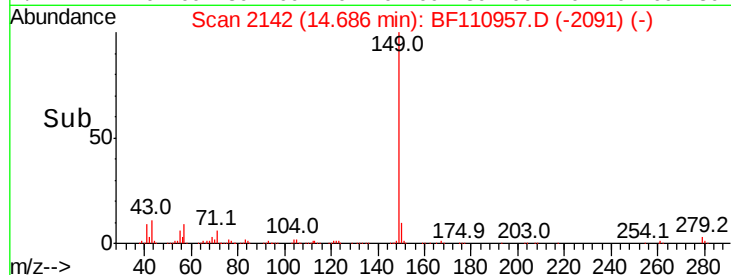
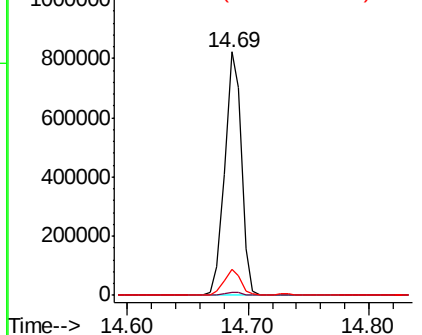
#85
Di-n-octyl phthalate
Concen: 68.349 ng
RT: 14.69 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 782273
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.8 7.8 11.8

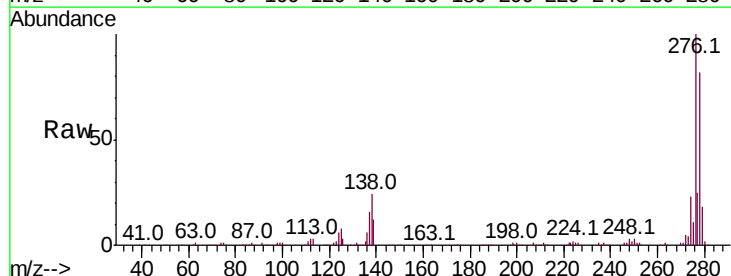


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

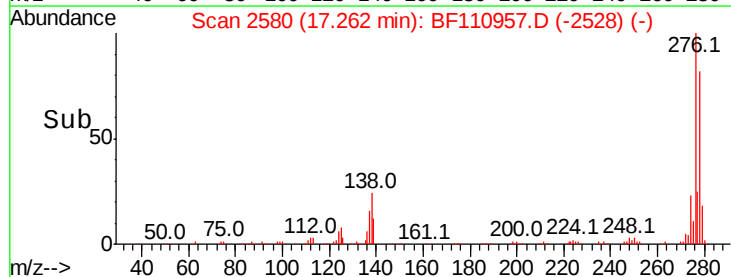
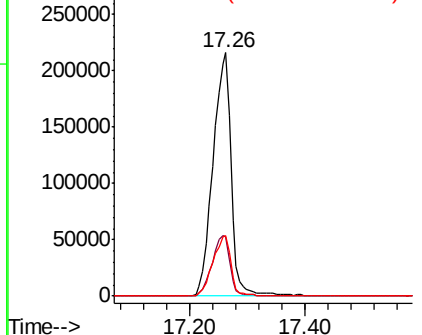


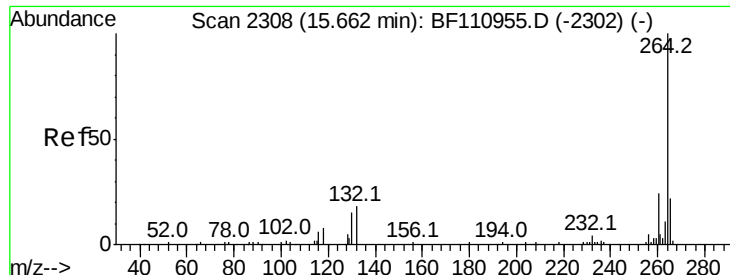
#86
Indeno(1,2,3-cd)pyrene
Concen: 61.466 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.01 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Tgt Ion:276 Resp: 475498
Ion Ratio Lower Upper
276 100
138 25.0 18.5 27.7
277 25.1 20.0 30.0



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

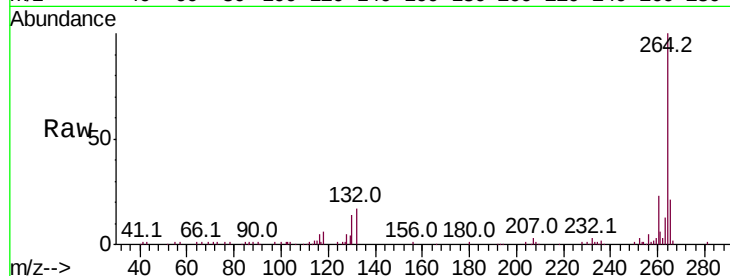




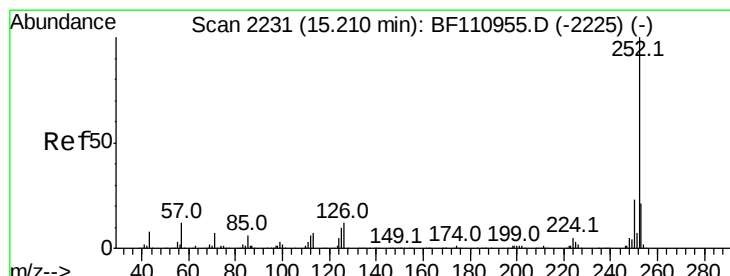
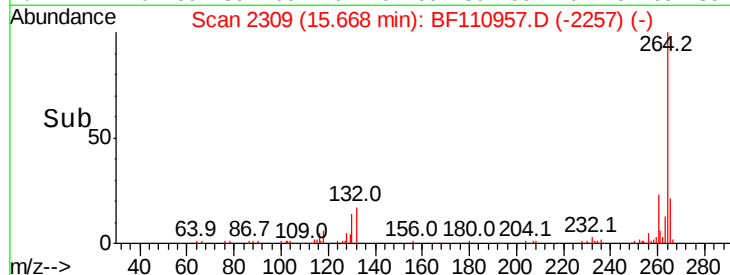
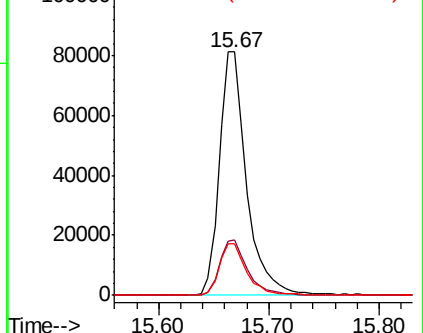
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. 0.01 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 139683
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.7 28.1
 265 21.2 16.7 25.1

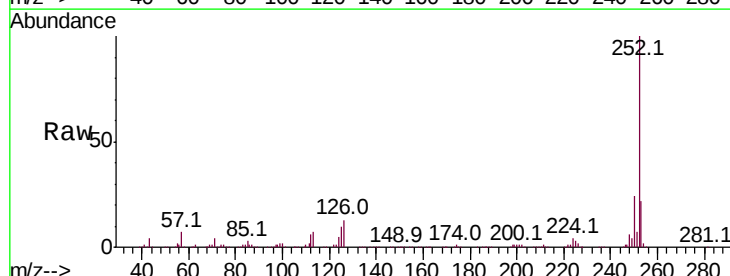


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

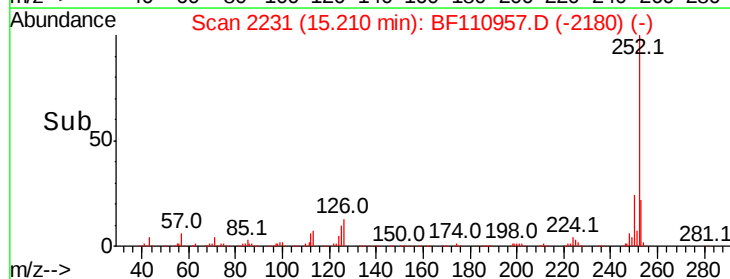
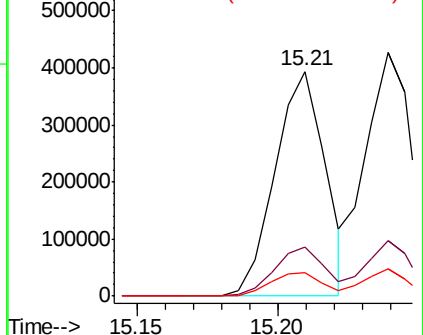


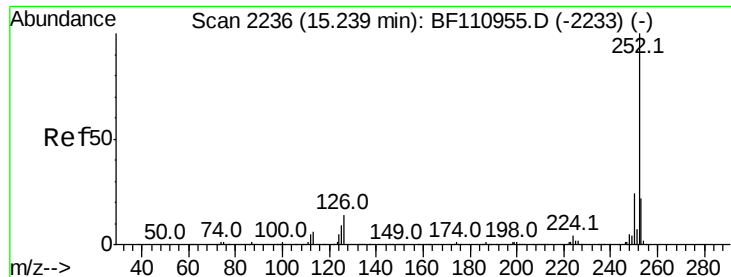
#88
 Benzo(b)fluoranthene
 Concen: 58.015 ng
 RT: 15.21 min Scan# 2231
 Delta R.T. 0.00 min
 Lab File: BF110957.D
 Acq: 26 Nov 2018 11:53

Tgt Ion:252 Resp: 484795
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.2 25.8
 125 10.4 8.2 12.4



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

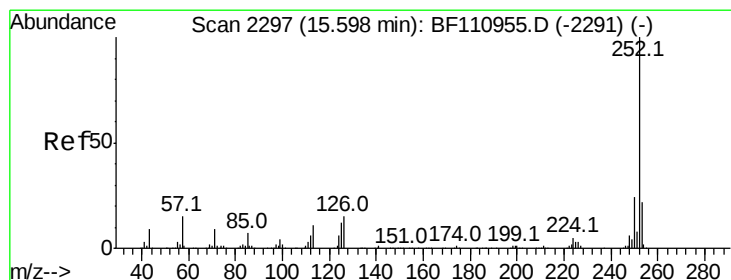
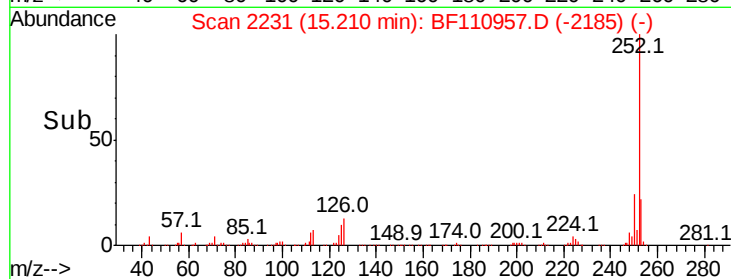
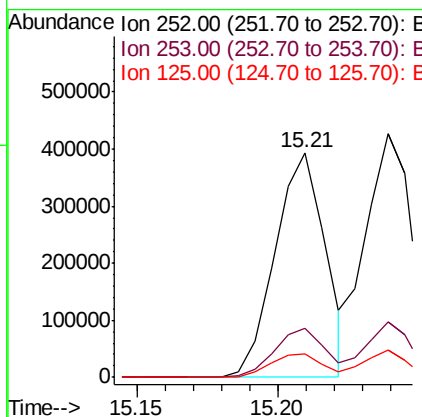
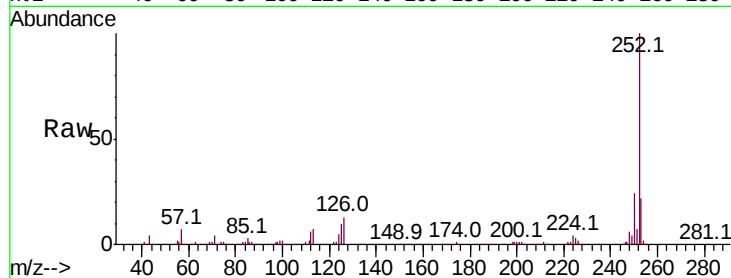




#89
Benzo(k)fluoranthene
Concen: 58.713 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

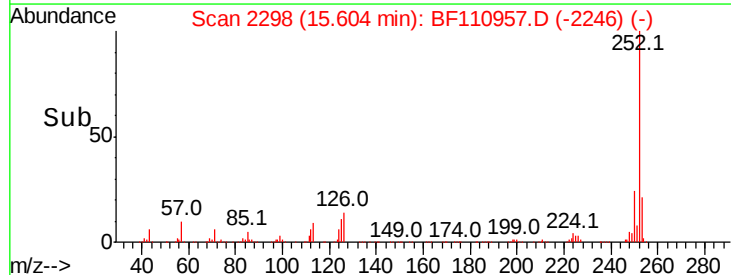
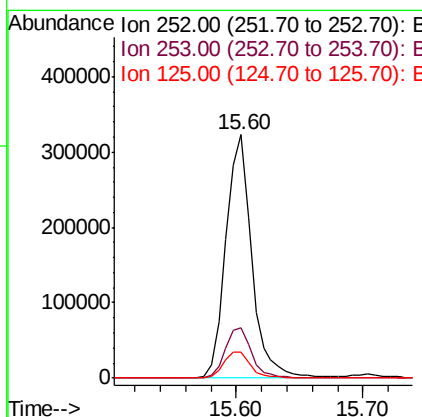
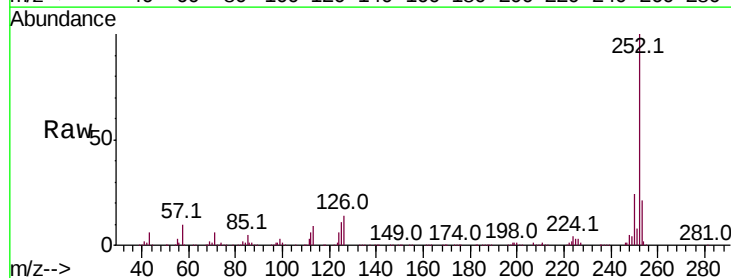
Instrument :
BNA_F
ClientSampled :

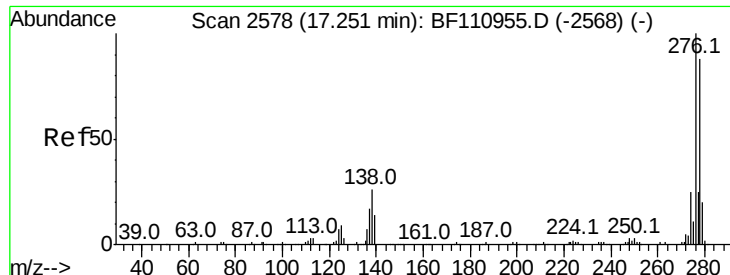
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.4	7.4	11.0



#90
Benzo(a)pyrene
Concen: 60.310 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110957.D
Acq: 26 Nov 2018 11:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.2	27.4
125	10.9	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 62.041 ng

RT: 17.26 min Scan# 2579

Delta R.T. 0.01 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

Instrument :

BNA_F

ClientSampleId :

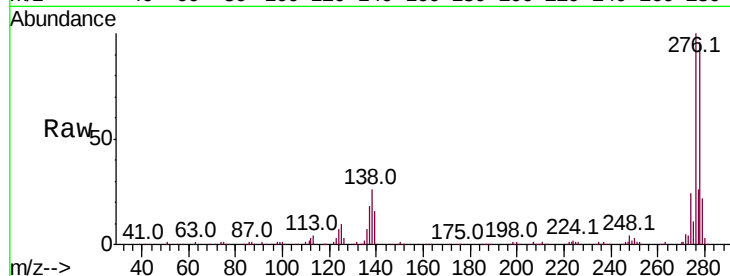
Tot Ion:278 Resp: 398612

Ion Ratio Lower Upper

278 100

139 16.2 12.7 19.1

279 22.9 19.0 28.4

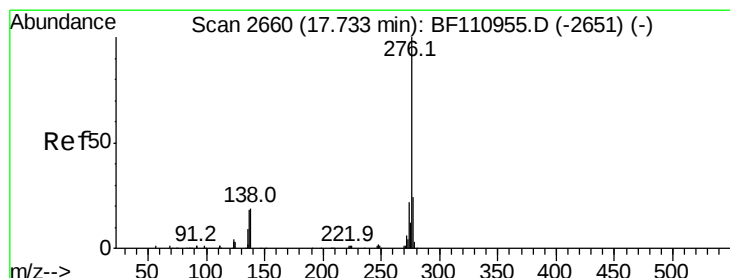
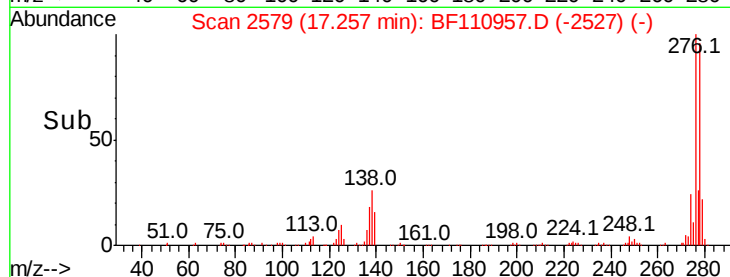
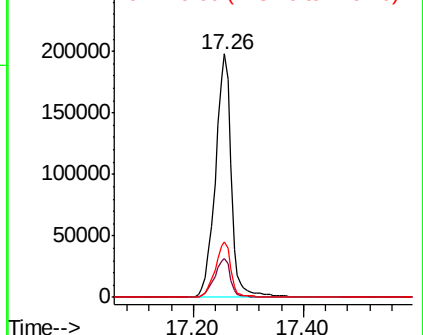


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 61.587 ng

RT: 17.74 min Scan# 2661

Delta R.T. 0.01 min

Lab File: BF110957.D

Acq: 26 Nov 2018 11:53

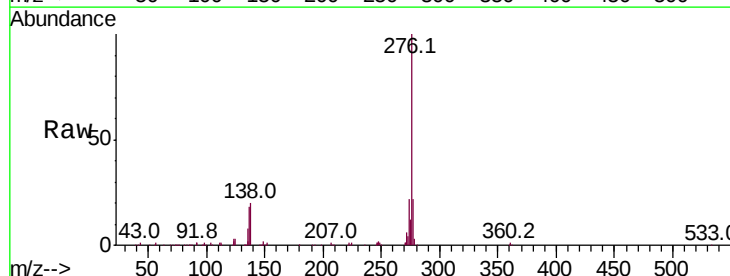
Tgt Ion:276 Resp: 392601

Ion Ratio Lower Upper

276 100

277 22.5 18.8 28.2

138 20.4 16.0 24.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

