

Data Path : U:\HPCHEM1\BNA F\DATA\BF011918\
 Data File : BF102237.D
 Acq On : 20 Jan 2018 00:38
 Operator : SJ/JU
 Sample : J1189-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 02:12:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	139070	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	589398	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	264081	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	437269	20.00	ng	0.00
75) Chrysene-d12	13.88	240	263277	20.00	ng	0.00
86) Perylene-d12	15.30	264	263032	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	887721	90.14	ng	0.00
7) Phenol-d6	6.37	99	1079479	91.87	ng	0.00
23) Nitrobenzene-d5	7.29	82	678161	67.61	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	242470	105.21	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1167266	69.05	ng	0.00
78) Terphenyl-d14	12.83	244	870721	68.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	121042	24.627	ng	97
3) Pyridine	3.13	79	333437	24.842	ng	98
4) n-Nitrosodimethylamine	3.09	42	169068	30.080	ng	98
6) Aniline	6.39	93	341407	20.617	ng	# 78
8) 2-Chlorophenol	6.51	128	343121	34.738	ng	96
9) Benzaldehyde	6.27	77	227348	27.865	ng	96
10) Phenol	6.38	94	424376	31.958	ng	77
11) bis(2-Chloroethyl)ether	6.46	93	317308	31.394	ng	98
12) 1,3-Dichlorobenzene	6.66	146	351437	30.865	ng	97
13) 1,4-Dichlorobenzene	6.74	146	354039	31.160	ng	99
14) 1,2-Dichlorobenzene	6.89	146	333730	31.734	ng	98
15) Benzyl Alcohol	6.87	79	277085	32.237	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	516543	27.723	ng	97
17) 2-Methylphenol	6.99	107	282320	31.684	ng	97
18) Hexachloroethane	7.23	117	118057	29.507	ng	93
19) n-Nitroso-di-n-propylamine	7.14	70	227105	29.493	ng	95
20) 3+4-Methylphenols	7.14	107	340497	31.826	ng	# 78
22) Acetophenone	7.13	105	459585	32.363	ng	# 92
24) Nitrobenzene	7.31	77	346666	32.165	ng	94
25) Isophorone	7.54	82	629869	31.782	ng	99
26) 2-Nitrophenol	7.62	139	189414	41.990	ng	97
27) 2,4-Dimethylphenol	7.66	122	288917	34.294	ng	100
28) bis(2-Chloroethoxy)methane	7.76	93	404276	33.785	ng	99
29) 2,4-Dichlorophenol	7.87	162	286509	35.816	ng	96
30) 1,2,4-Trichlorobenzene	7.94	180	273442	32.680	ng	97
31) Naphthalene	8.03	128	949834	32.251	ng	100
32) Benzoic acid	7.73	122	12825	2.008	ng	97
33) 4-Chloroaniline	8.08	127	250213	19.905	ng	96
34) Hexachlorobutadiene	8.14	225	143019	32.291	ng	97
35) Caprolactam	8.45	113	58600	21.339	ng	93
36) 4-Chloro-3-methylphenol	8.57	107	307695	35.139	ng	100
37) 2-Methylnaphthalene	8.72	142	646308	33.334	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	253211	33.892	ng	99
40) Hexachlorocyclopentadiene	8.86	237	92168	22.558	ng	98

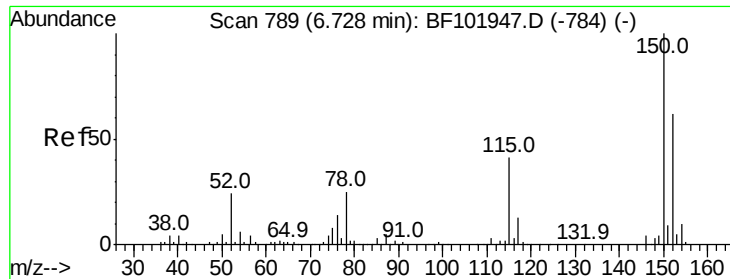
Data Path : U:\HPCHEM1\BNA F\DATA\BF011918\
 Data File : BF102237.D
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 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	188408	36.596	ng	99
43) 2,4,5-Trichlorophenol	9.04	196	199773	34.332	ng	99
45) 1,1'-Biphenyl	9.18	154	753806	32.294	ng	99
46) 2-Chloronaphthalene	9.20	162	582800	32.198	ng	98
47) 2-Nitroaniline	9.30	65	198044	36.526	ng	97
48) Acenaphthylene	9.62	152	901761	31.392	ng	99
49) Dimethylphthalate	9.49	163	971034	45.837	ng	100
50) 2,6-Dinitrotoluene	9.55	165	159076	37.592	ng	94
51) Acenaphthene	9.79	154	521308	29.900	ng	99
52) 3-Nitroaniline	9.72	138	133563	25.009	ng	93
53) 2,4-Dinitrophenol	9.82	184	21930	20.751	ng	# 18
54) Dibenzofuran	9.96	168	791613	33.082	ng	99
55) 4-Nitrophenol	9.89	139	258694	64.998	ng	95
56) 2,4-Dinitrotoluene	9.95	165	202770	38.230	ng	96
57) Fluorene	10.30	166	603313	36.472	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	151151	36.486	ng	99
59) Diethylphthalate	10.19	149	686472	32.576	ng	97
60) 4-Chlorophenyl-phenylether	10.30	204	262583	37.279	ng	99
61) 4-Nitroaniline	10.33	138	160486	31.664	ng	92
62) Azobenzene	10.46	77	632067	30.147	ng	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	52665	25.222	ng	79
65) n-Nitrosodiphenylamine	10.42	169	559983	34.200	ng	98
66) 4-Bromophenyl-phenylether	10.79	248	162667	35.226	ng	98
67) Hexachlorobenzene	10.85	284	168209	33.367	ng	95
68) Atrazine	10.95	200	174706	36.920	ng	98
69) Pentachlorophenol	11.05	266	160737	52.288	ng	99
70) Phenanthrene	11.27	178	816750	31.976	ng	99
71) Anthracene	11.32	178	844020	32.582	ng	100
72) Carbazole	11.47	167	799253	31.390	ng	100
73) Di-n-butylphthalate	11.80	149	1065144	34.098	ng	100
74) Fluoranthene	12.45	202	736386	29.303	ng	98
76) Benzidine	12.58	184	411618	32.377	ng	97
77) Pyrene	12.68	202	712808	30.629	ng	99
79) Butylbenzylphthalate	13.30	149	376989	35.298	ng	100
80) Benzo(a)anthracene	13.87	228	522775	31.122	ng	98
81) 3,3'-Dichlorobenzidine	13.83	252	192849	31.006	ng	96
82) Chrysene	13.90	228	525917	30.026	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	495775	40.466	ng	# 98
84) Di-n-octyl phthalate	14.47	149	790590	38.886	ng	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	496074	38.913	ng	98
87) Benzo(b)fluoranthene	14.89	252	528848	30.836	ng	98
88) Benzo(k)fluoranthene	14.92	252	507160	30.654	ng	100
89) Benzo(a)pyrene	15.24	252	506152	32.796	ng	97
90) Dibenzo(a,h)anthracene	16.70	278	419730	34.080	ng	99
91) Benzo(g,h,i)perylene	17.10	276	397216	32.017	ng	98

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

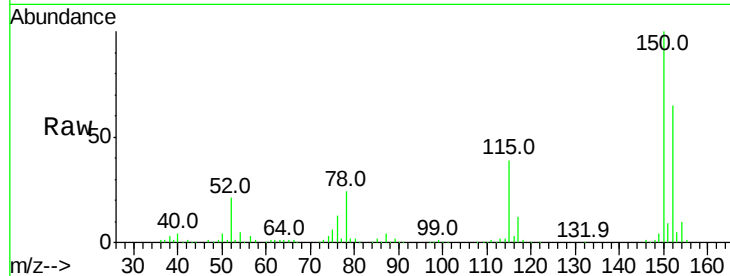


#1

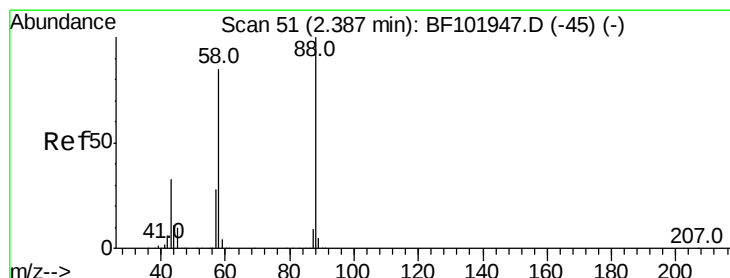
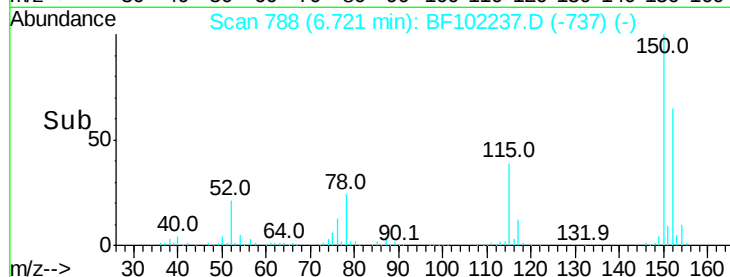
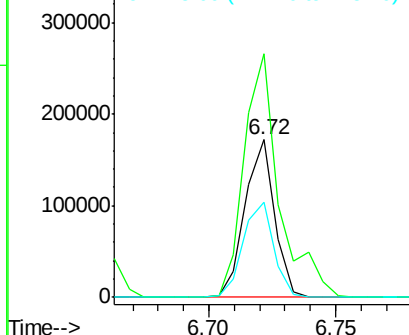
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139070
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 60.7 50.1 75.1



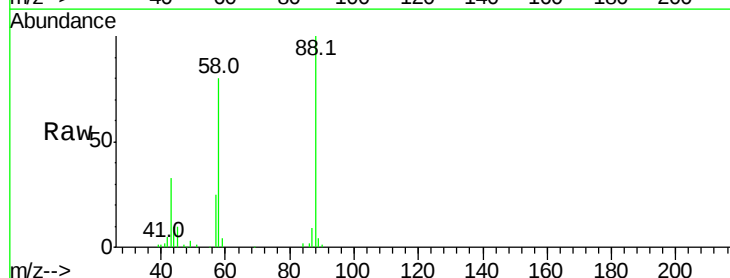
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



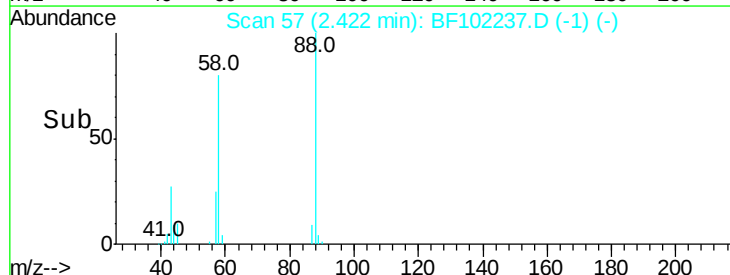
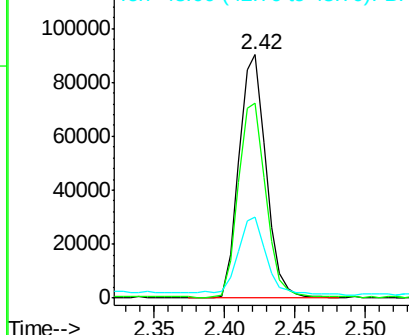
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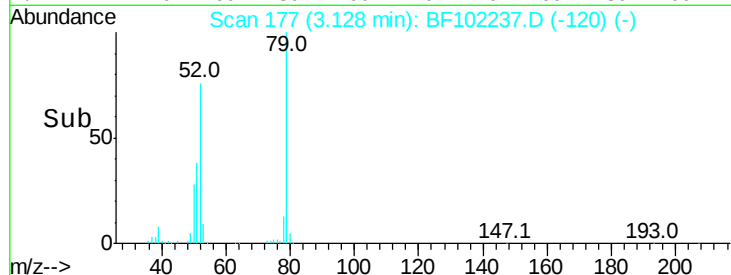
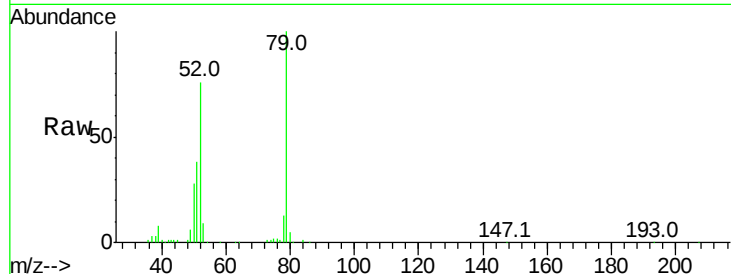
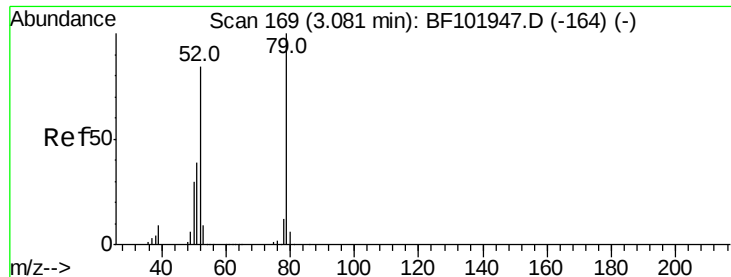
1,4-Dioxane
Concen: 24.627 ng
RT: 2.42 min Scan# 57
Delta R.T. 0.04 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion: 88 Resp: 121042
Ion Ratio Lower Upper
88 100
58 81.8 62.6 93.8
43 31.5 24.6 37.0



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

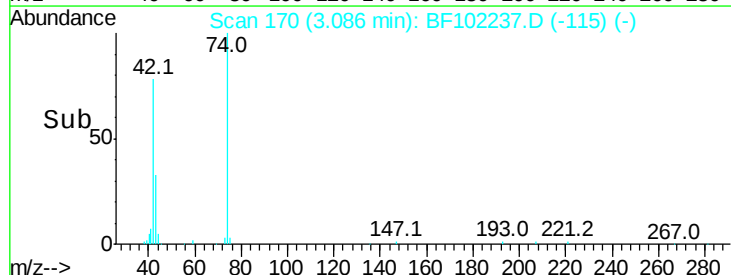
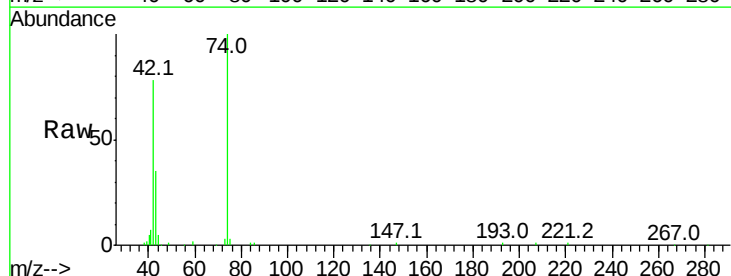
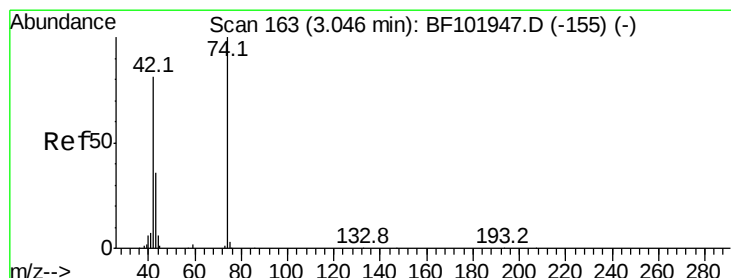
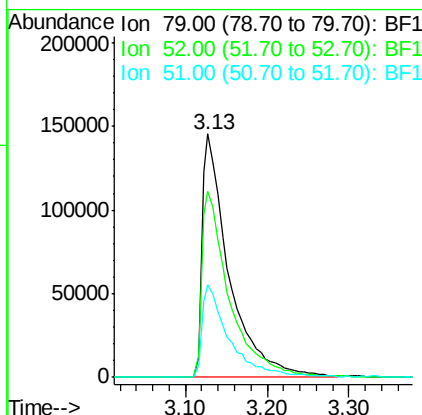




#3
Pvridine
Concen: 24.842 ng
RT: 3.13 min Scan# 177
Delta R.T. 0.04 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

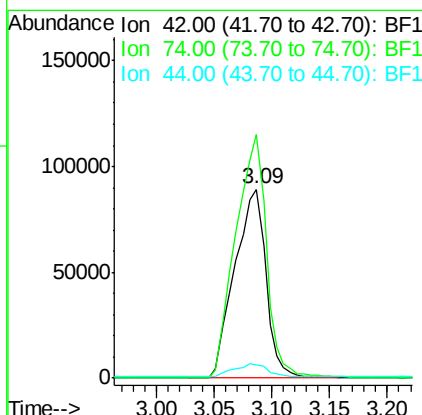
Instrument :
BNA_F
ClientSampleId :

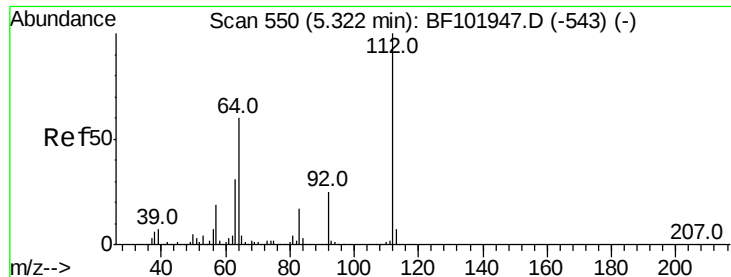
Tot Ion: 79 Resp: 333437
Ion Ratio Lower Upper
79 100
52 76.4 59.8 89.6
51 38.0 29.8 44.8



#4
n-Nitrosodimethylamine
Concen: 30.080 ng
RT: 3.09 min Scan# 170
Delta R.T. 0.02 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion: 42 Resp: 169068
Ion Ratio Lower Upper
42 100
74 128.8 104.9 157.3
44 6.9 6.9 10.3





#5

2-Fluorophenol

Concen: 90.137 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

ClientSampled :

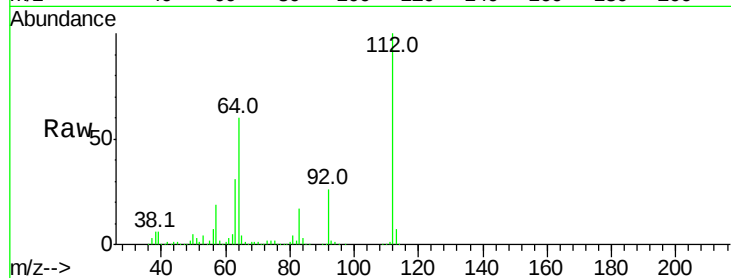
Tot Ion:112 Resp: 887721

Ion Ratio Lower Upper

112 100

64 60.1 47.9 71.9

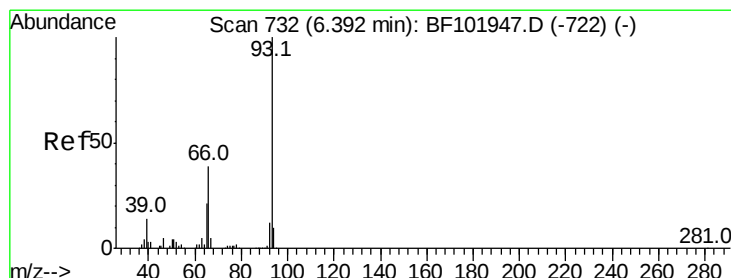
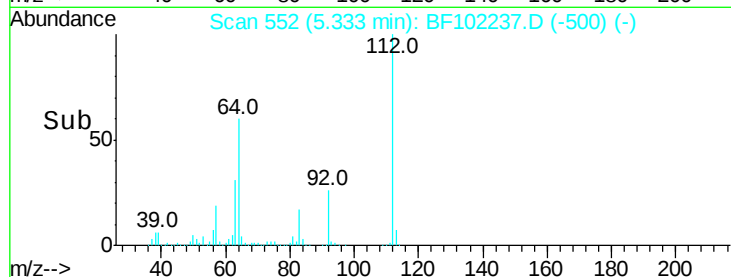
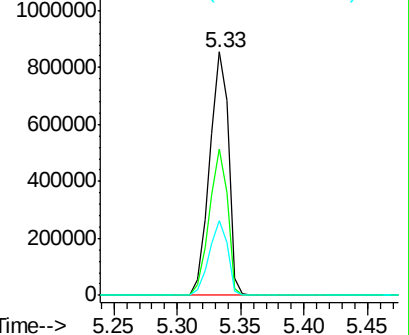
63 30.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.617 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

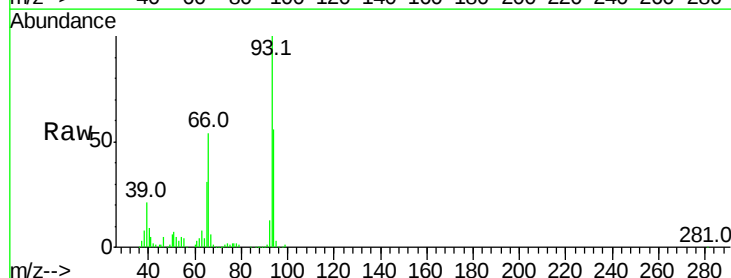
Tgt Ion: 93 Resp: 341407

Ion Ratio Lower Upper

93 100

66 53.9 32.2 48.2#

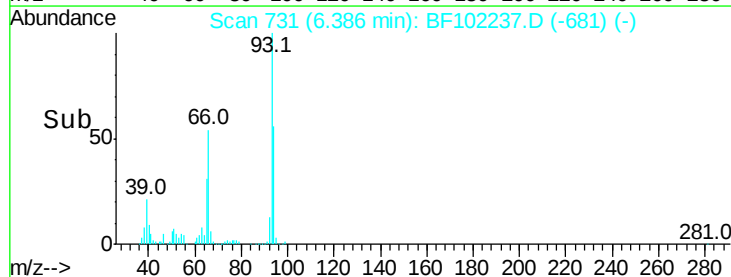
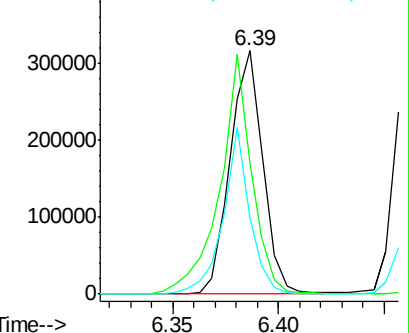
65 31.2 16.4 24.6#

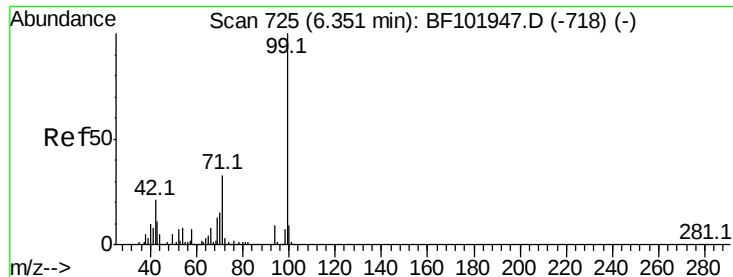


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.868 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

ClientSampled :

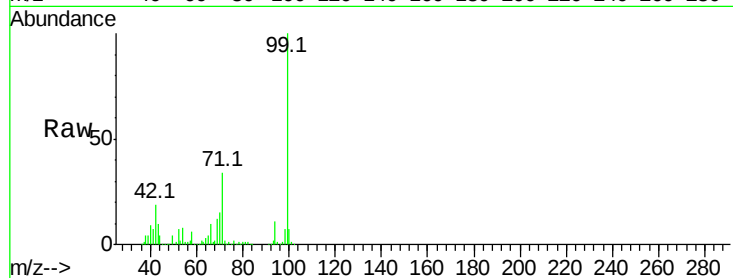
Tot Ion: 99 Resp: 1079479

Ion Ratio Lower Upper

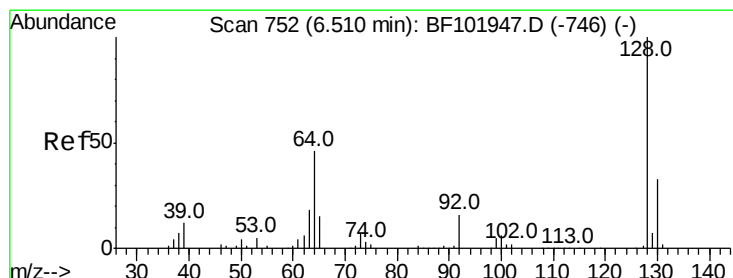
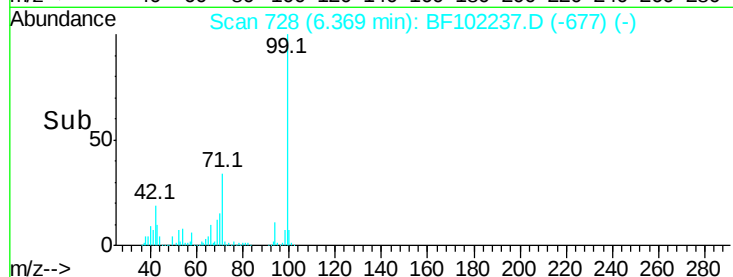
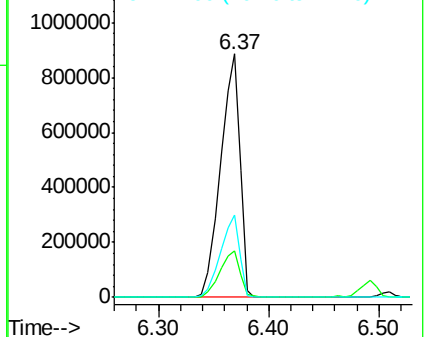
99 100

42 18.9 14.5 21.7

71 33.7 25.4 38.0



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: 34.738 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

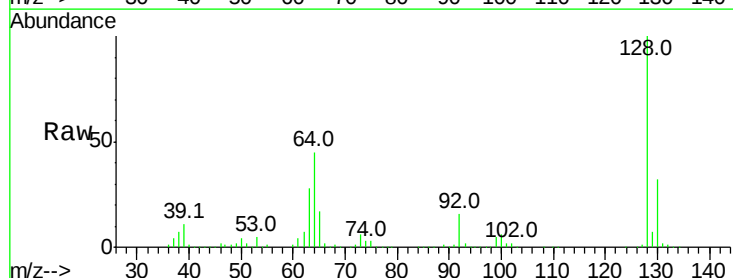
Tgt Ion: 128 Resp: 343121

Ion Ratio Lower Upper

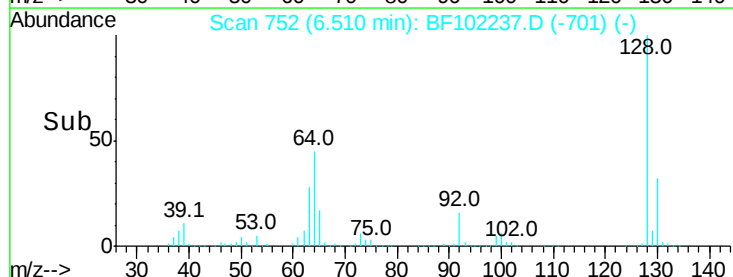
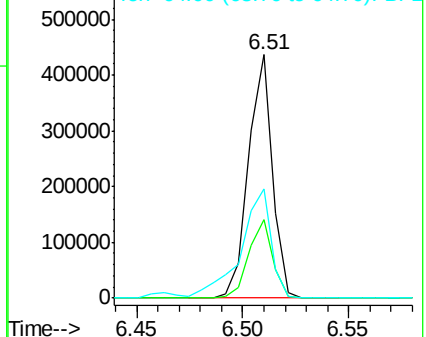
128 100

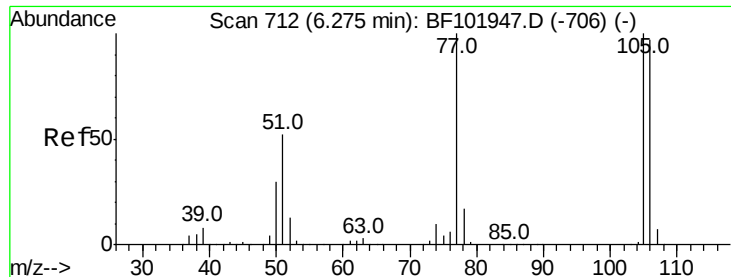
130 32.3 13.0 53.0

64 45.0 29.4 69.4



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: 27.865 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

ClientSampleId :

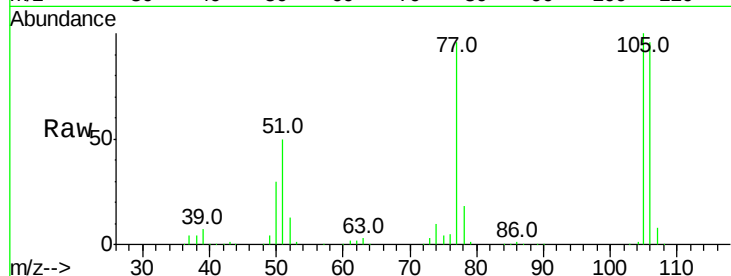
Tot Ion: 77 Resp: 227348

Ion Ratio Lower Upper

77 100

105 103.7 81.1 121.1

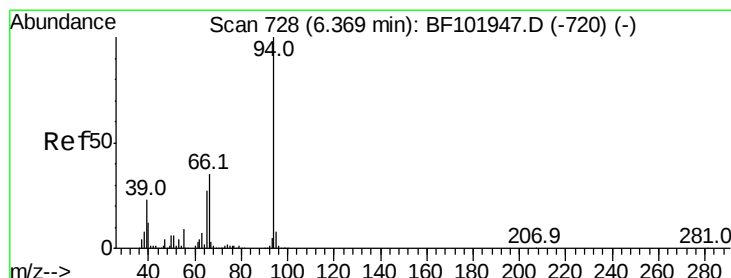
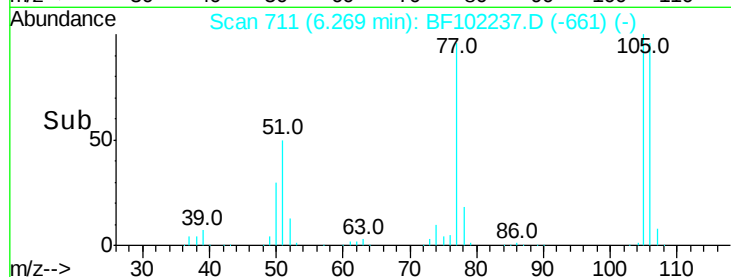
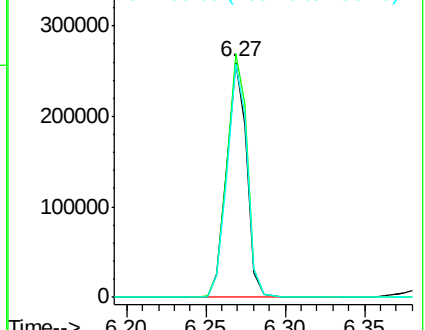
106 99.2 74.5 114.5



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: 31.958 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

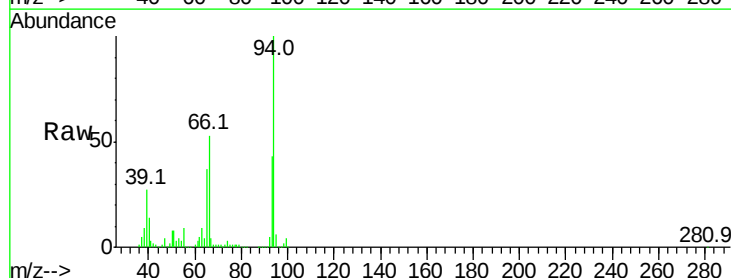
Tgt Ion: 94 Resp: 424376

Ion Ratio Lower Upper

94 100

65 36.5 7.9 47.9

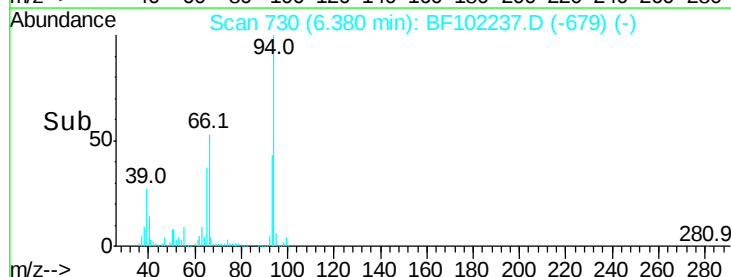
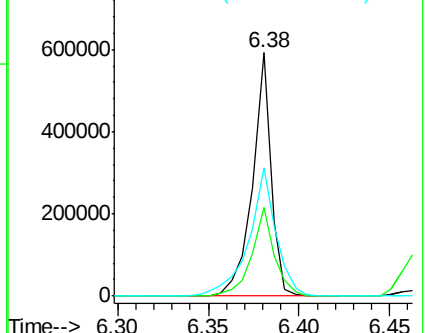
66 52.5 16.2 56.2

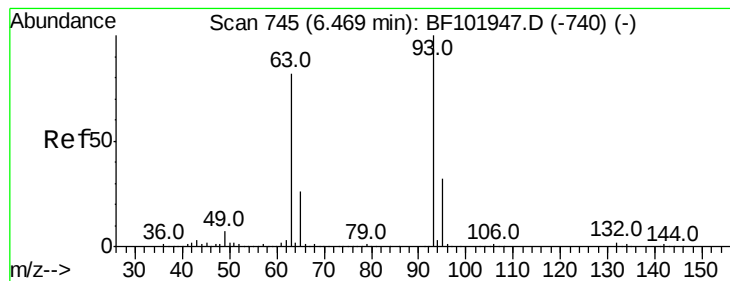


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 31.394 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

ClientSampleId :

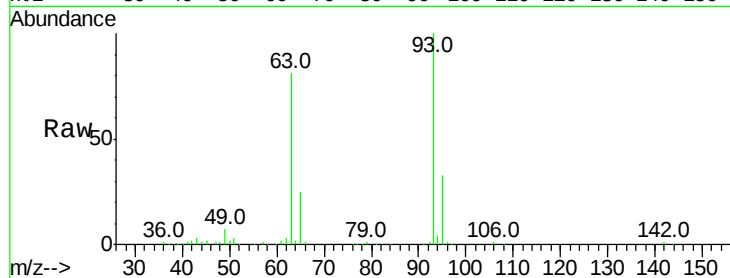
Tot Ion: 93 Resp: 317308

Ion Ratio Lower Upper

93 100

63 80.5 58.6 98.6

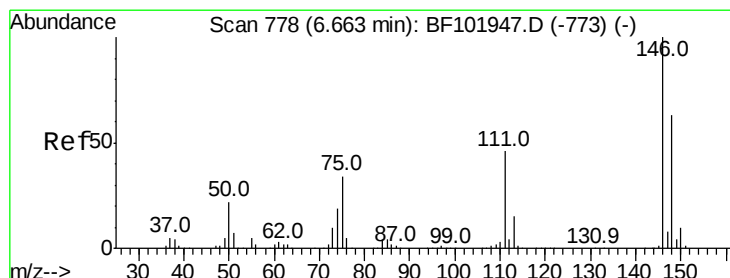
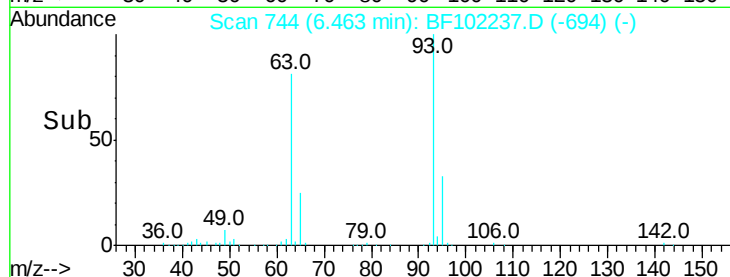
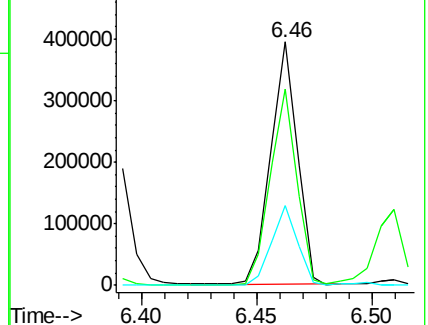
95 32.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 30.865 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

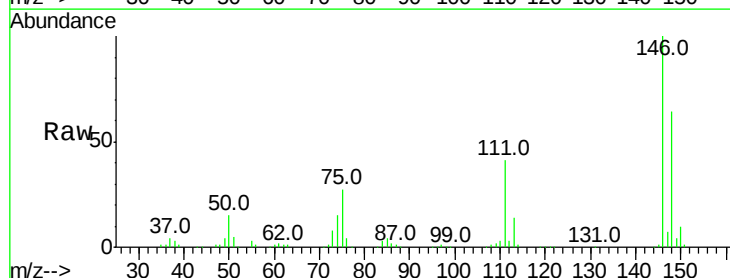
Tgt Ion: 146 Resp: 351437

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

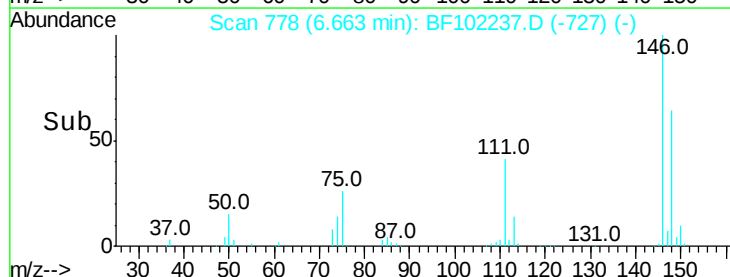
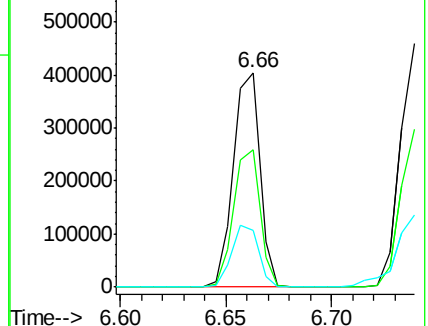
75 26.5 24.2 36.4

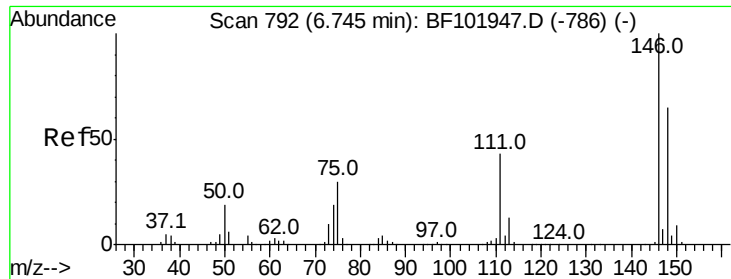


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 31.160 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

ClientSampled :

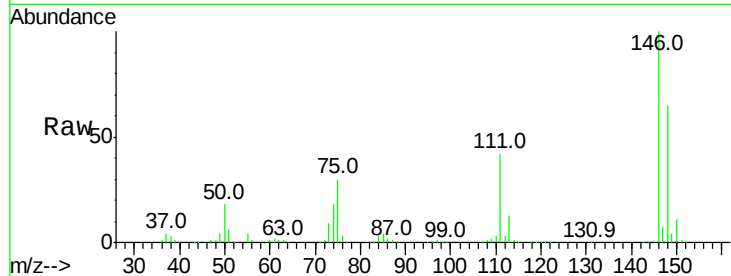
Tot Ion:146 Resp: 354039

Ion Ratio Lower Upper

146 100

148 64.6 50.8 76.2

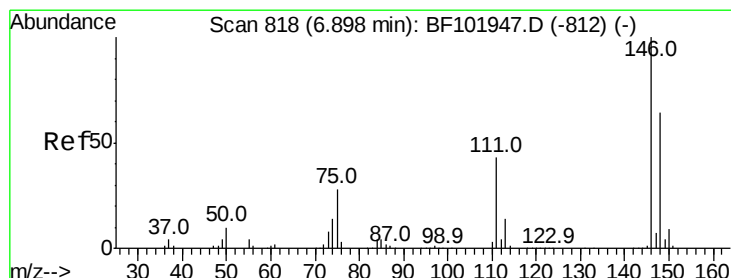
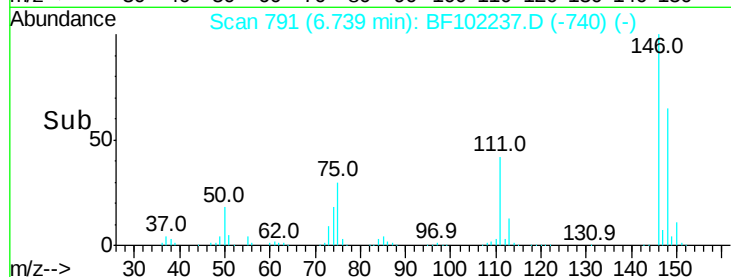
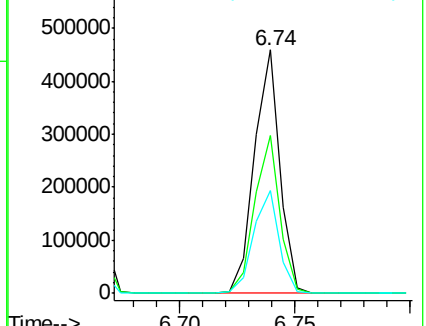
111 42.5 34.2 51.2



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: 31.734 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

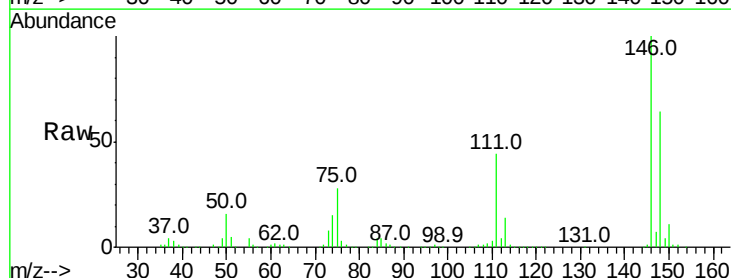
Tgt Ion:146 Resp: 333730

Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

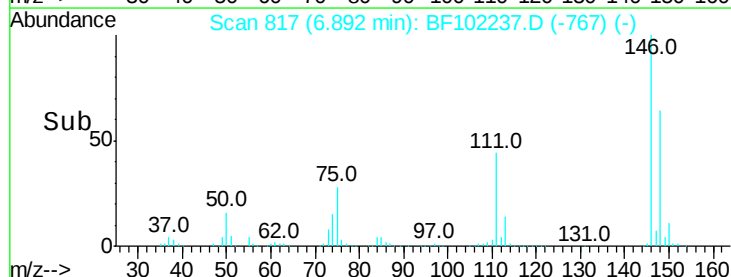
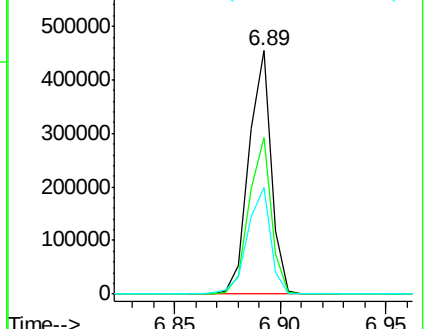
111 44.0 36.0 54.0

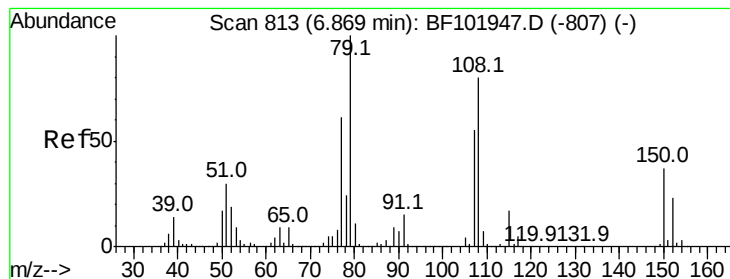


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.237 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampled :

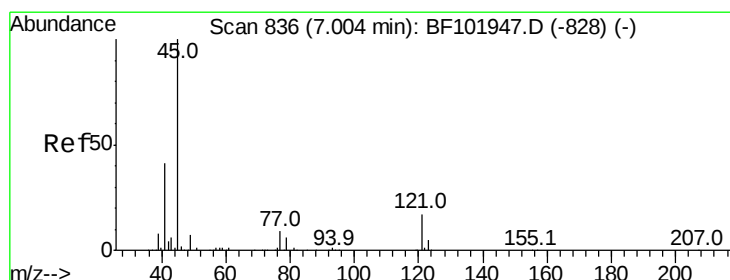
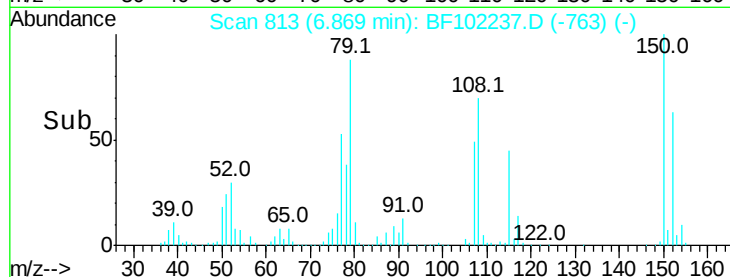
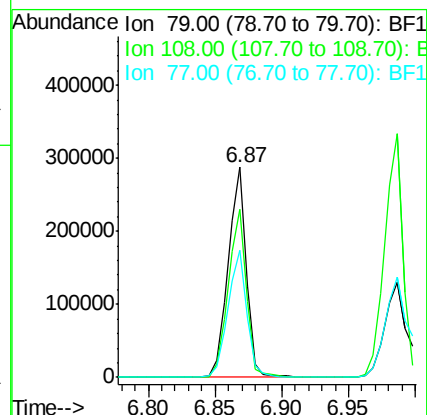
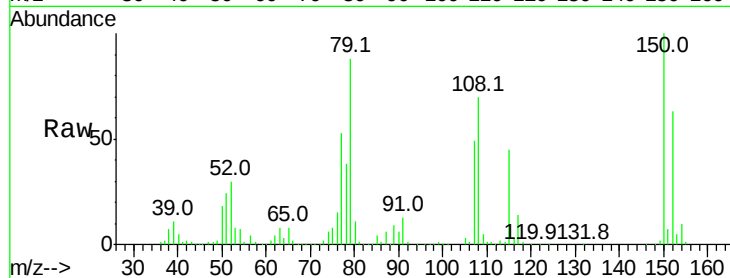
Tot Ion: 79 Resp: 277085

Ion Ratio Lower Upper

79 100

108 80.2 65.1 97.7

77 60.5 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.723 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

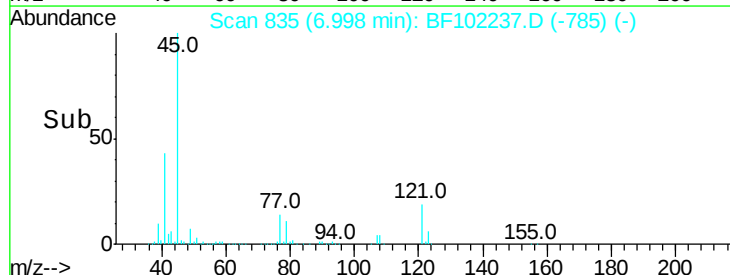
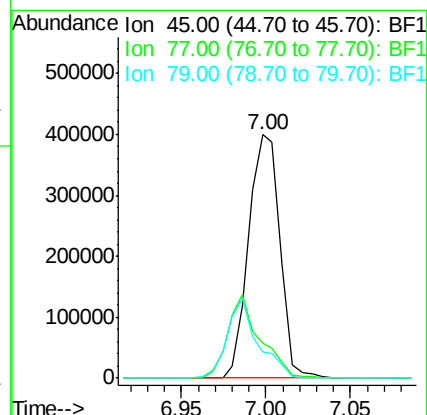
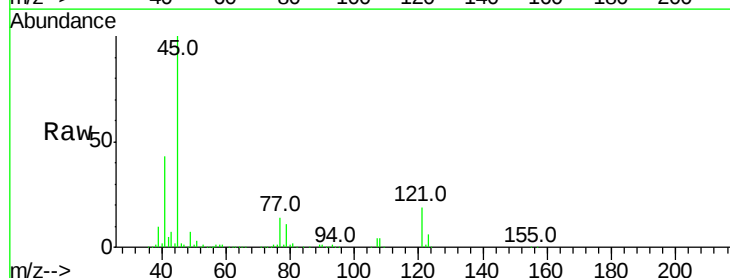
Tgt Ion: 45 Resp: 516543

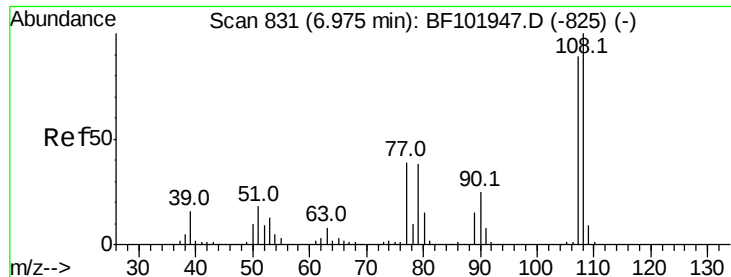
Ion Ratio Lower Upper

45 100

77 14.2 0.0 32.9

79 10.8 0.0 29.6





#17

2-Methylphenol

Concen: 31.684 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 282320

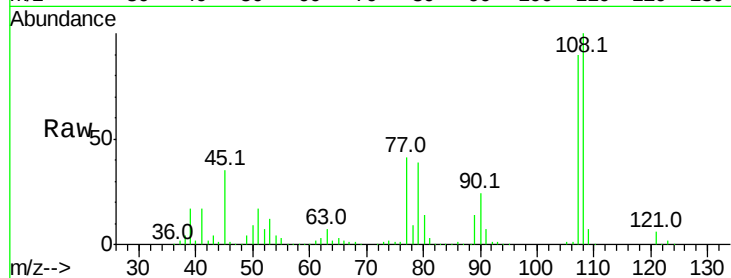
Ion Ratio Lower Upper

107 100

108 111.5 91.7 137.5

77 45.9 33.8 50.8

79 43.6 33.8 50.8

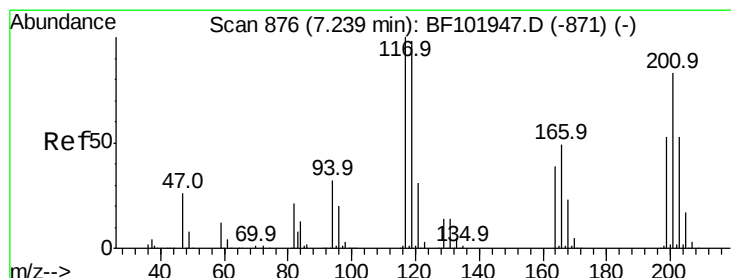
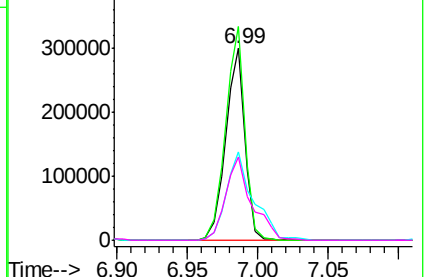
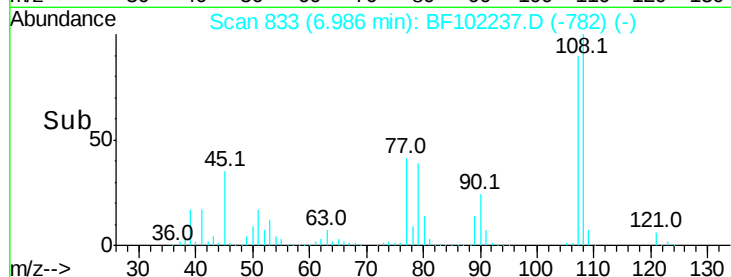


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 29.507 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

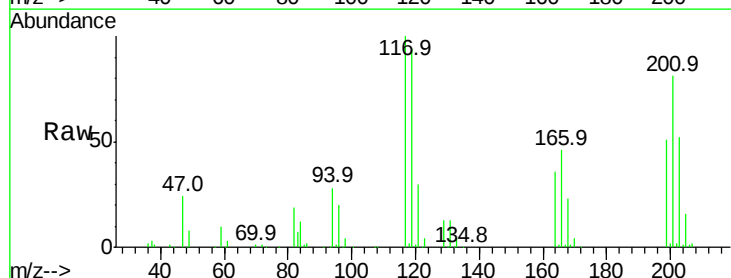
Tgt Ion:117 Resp: 118057

Ion Ratio Lower Upper

117 100

119 94.4 75.8 113.8

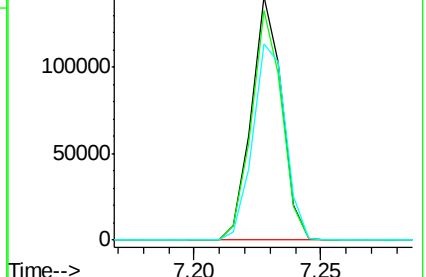
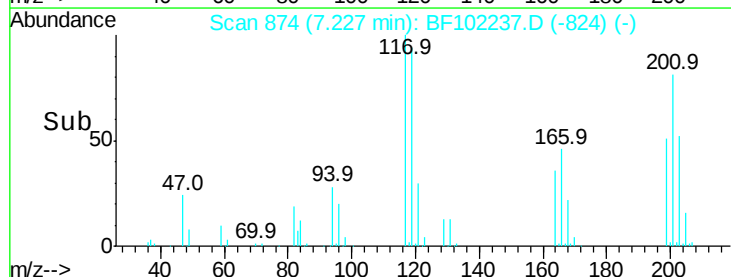
201 80.8 75.7 113.5

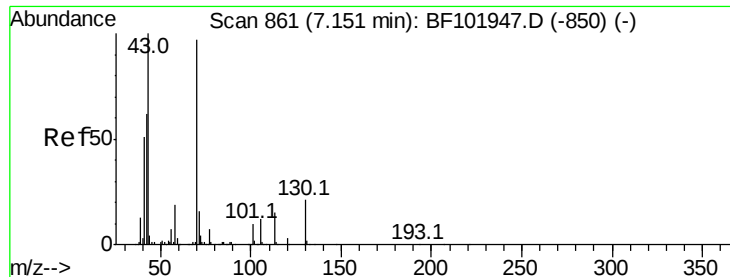


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

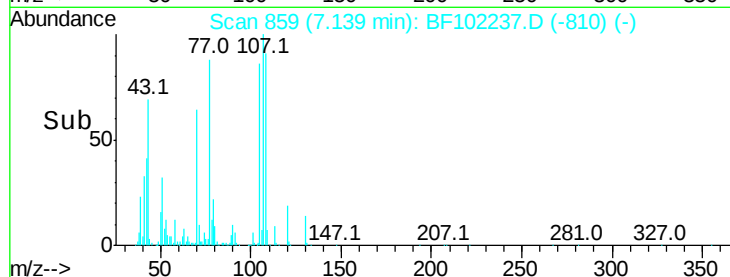
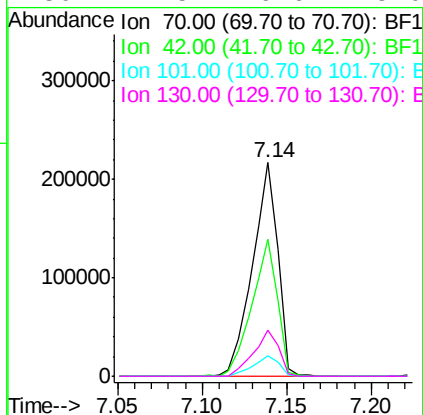
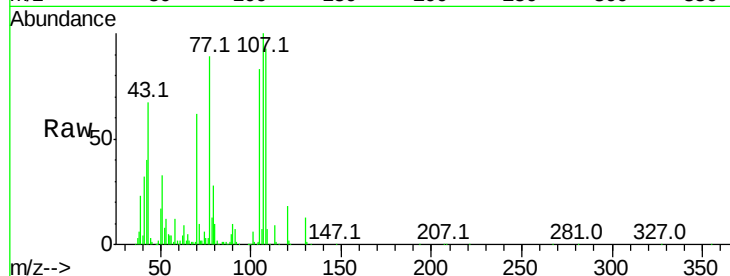




#19
n-Nitroso-di-n-propylamine
Concen: 29.493 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

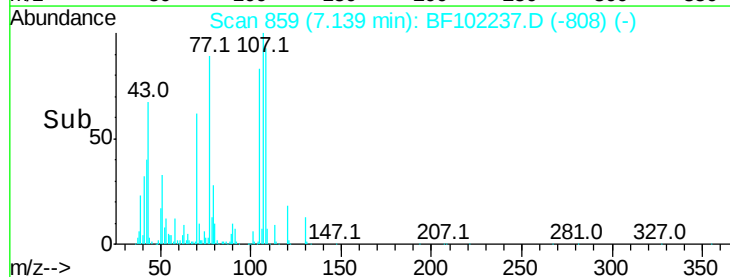
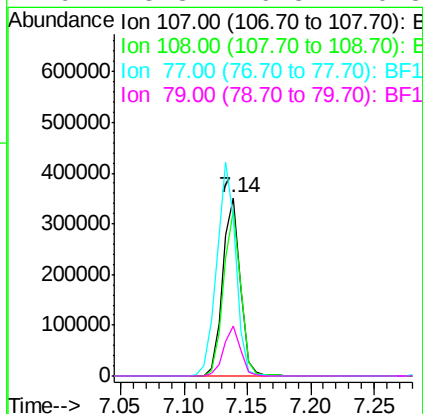
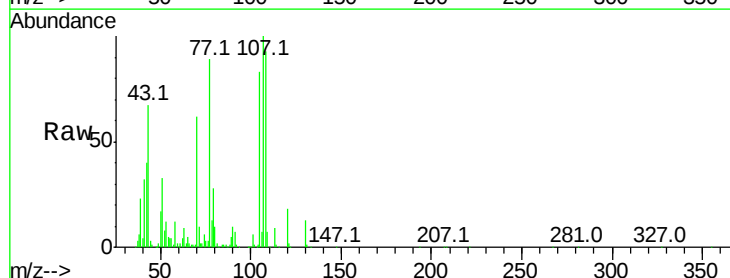
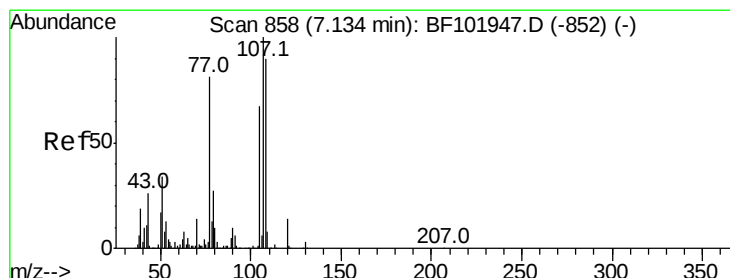
Instrument :
BNA_F
ClientSampleId :

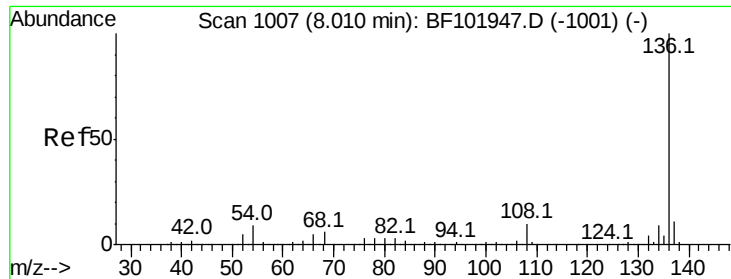
Tot Ion:	70	Resp:	227105
Ion	Ratio	Lower	Upper
70	100		
42	64.1	47.5	71.3
101	9.7	7.4	11.2
130	21.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 31.826 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion:	107	Resp:	340497
Ion	Ratio	Lower	Upper
107	100		
108	92.7	68.2	108.2
77	89.0	26.7	66.7#
79	28.3	6.3	46.3

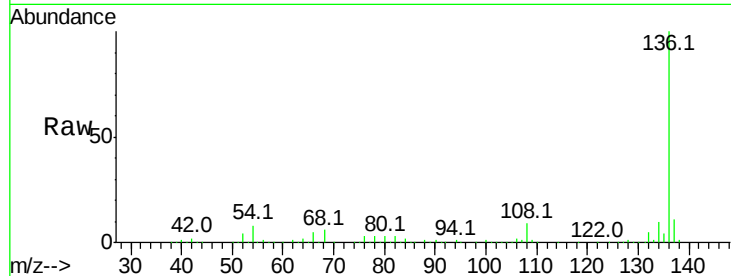




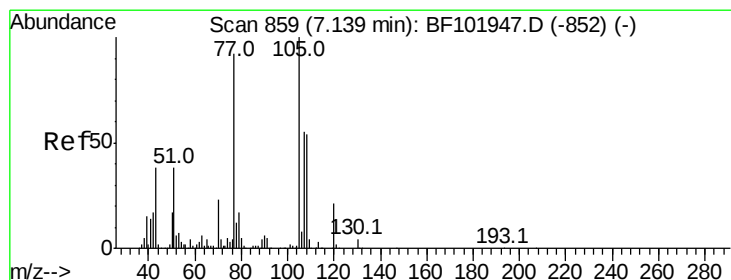
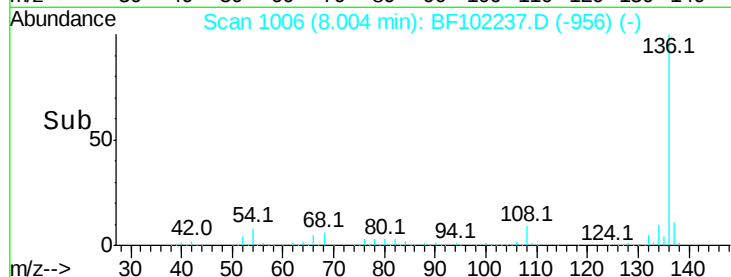
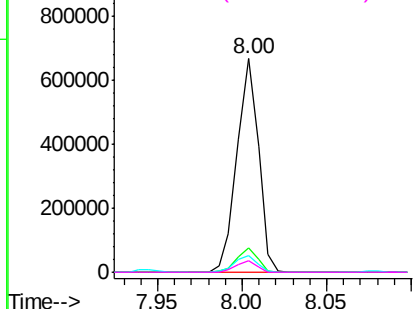
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 589398
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 7.9	6.6 9.8
68 5.7	5.0 7.4

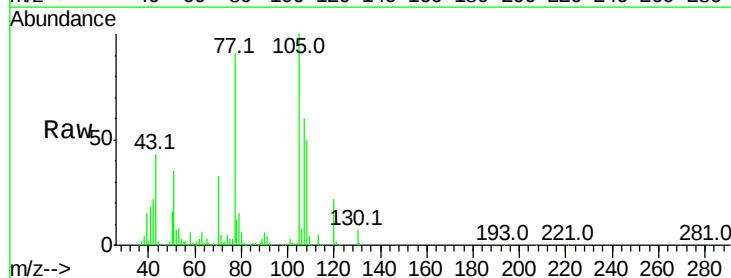


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

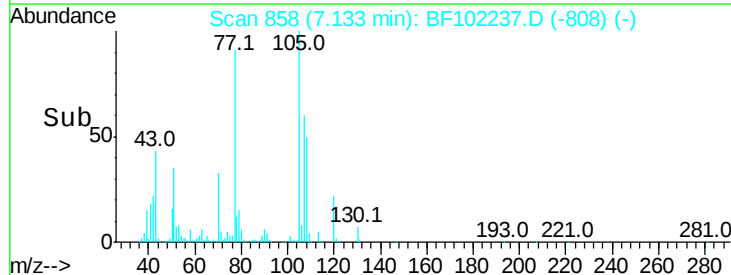
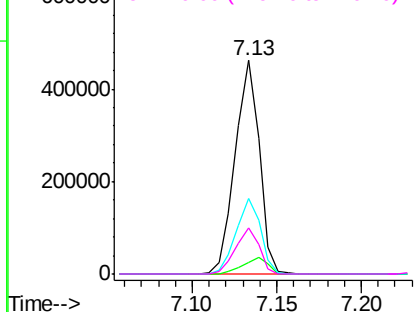


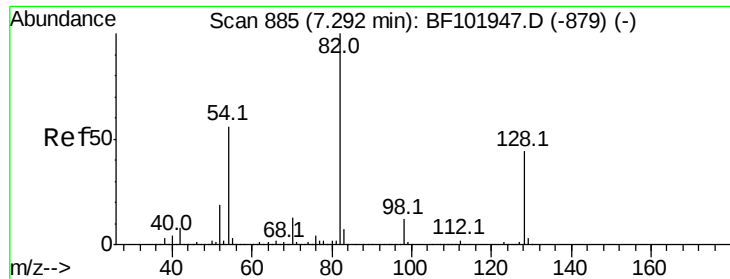
#22
Acetophenone
Concen: 32.363 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt	Ion:105	Resp:	459585
Ion	Ratio	Lower	Upper
105	100		
71	5.4	4.4	6.6
51	35.4	22.3	33.5#
120	21.8	16.9	25.3



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

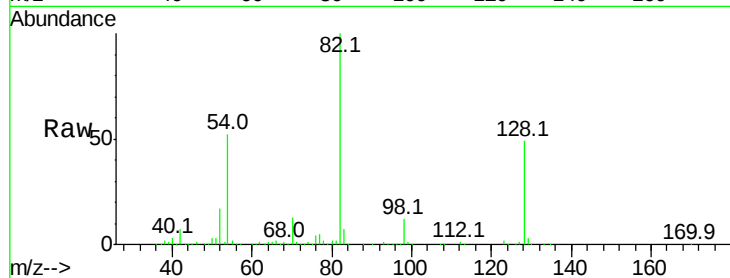




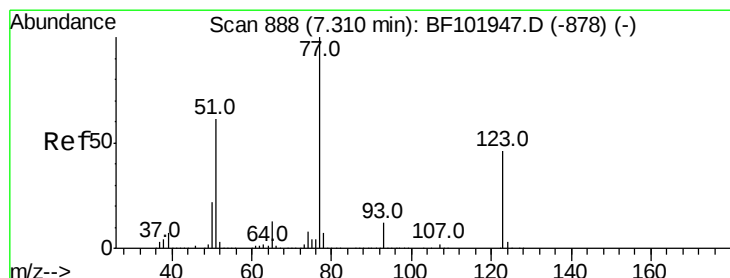
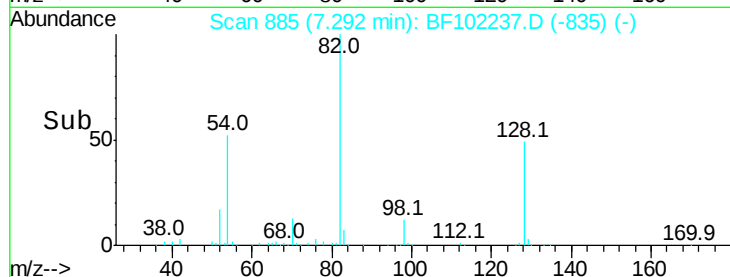
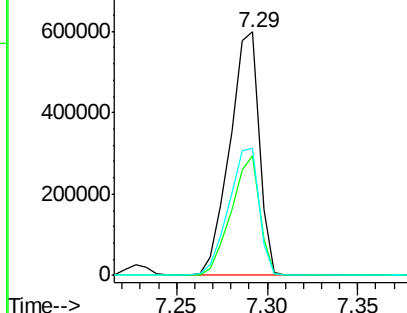
#23
Nitrobenzene-d5
Concen: 67.614 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 678161
Ion Ratio Lower Upper
82 100
128 49.1 36.1 54.1
54 52.3 41.4 62.2

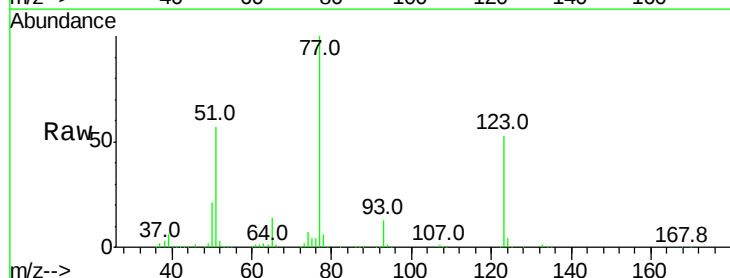


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

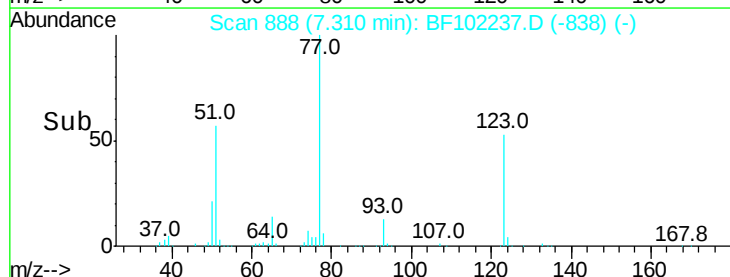
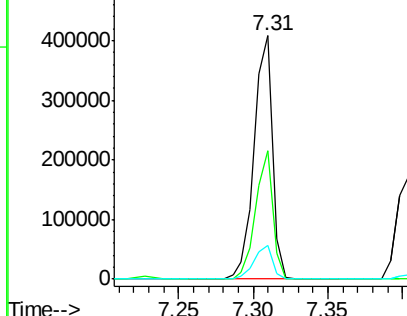


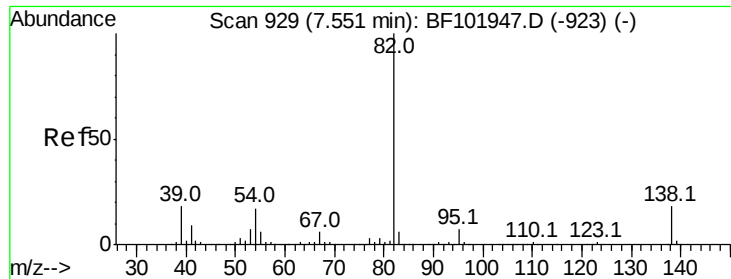
#24
Nitrobenzene
Concen: 32.165 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion: 77 Resp: 346666
Ion Ratio Lower Upper
77 100
123 52.5 37.9 56.9
65 14.0 11.0 16.4



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





#25

Isophorone

Concen: 31.782 ng

RT: 7.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

ClientSampleId :

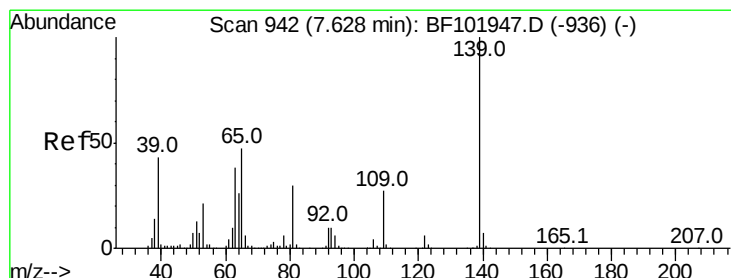
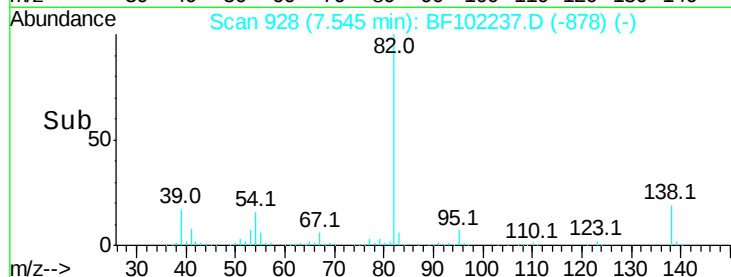
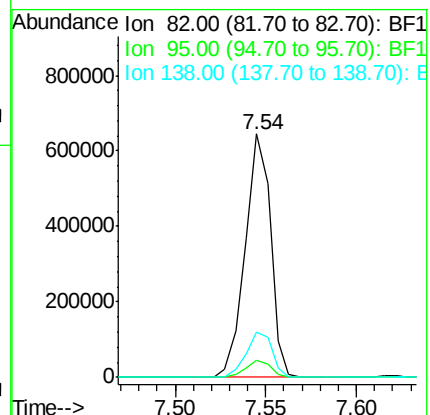
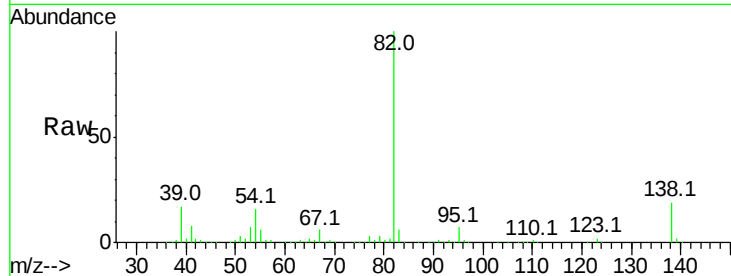
Tot Ion: 82 Resp: 629869

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 41.990 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

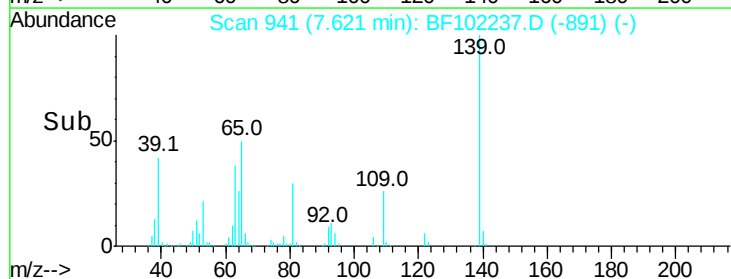
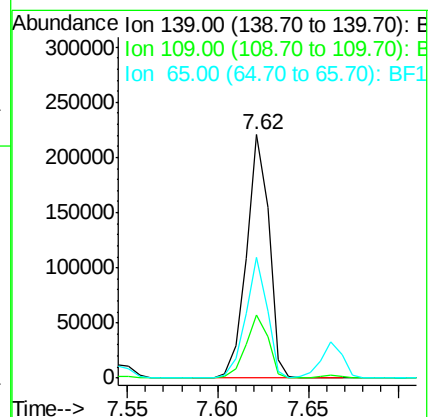
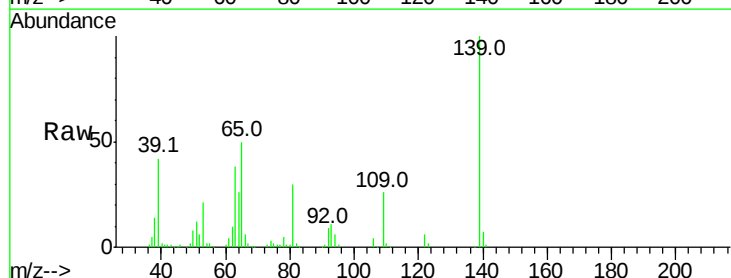
Tgt Ion: 139 Resp: 189414

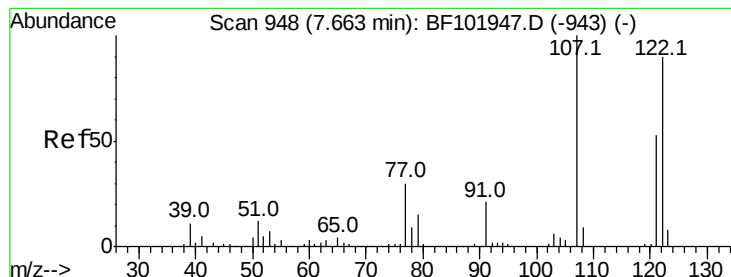
Ion Ratio Lower Upper

139 100

109 25.7 22.7 34.1

65 49.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 34.294 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

ClientSampled :

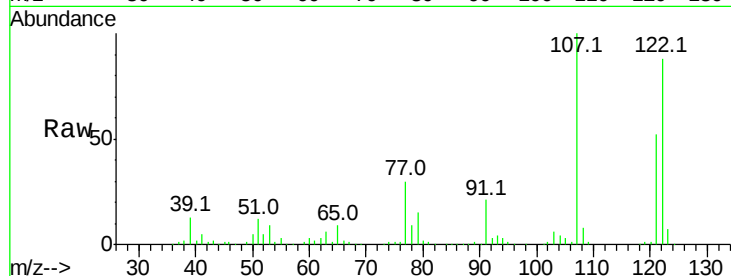
Tot Ion:122 Resp: 288917

Ion Ratio Lower Upper

122 100

107 114.1 91.2 136.8

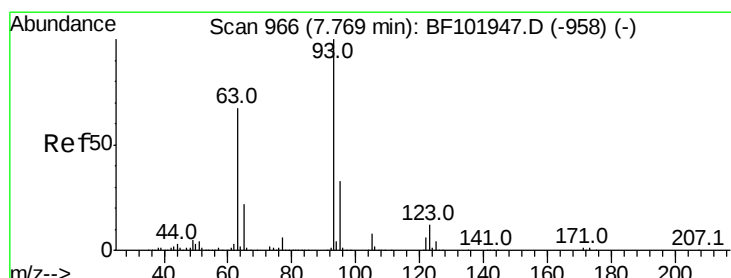
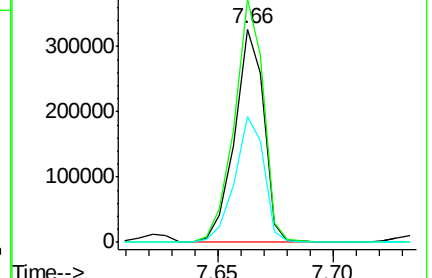
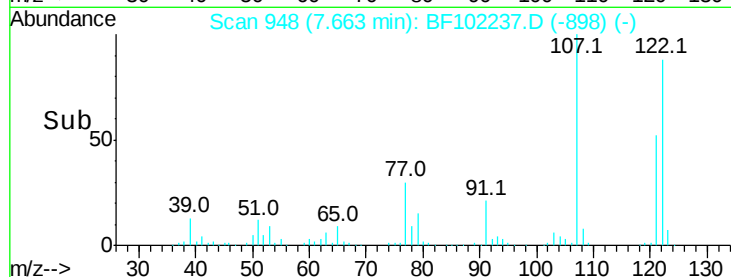
121 59.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.785 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

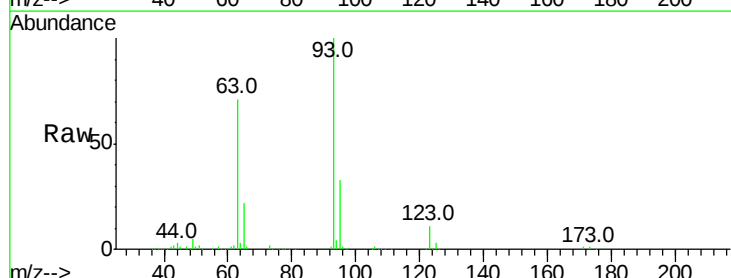
Tgt Ion: 93 Resp: 404276

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

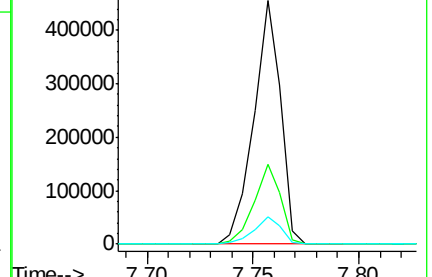
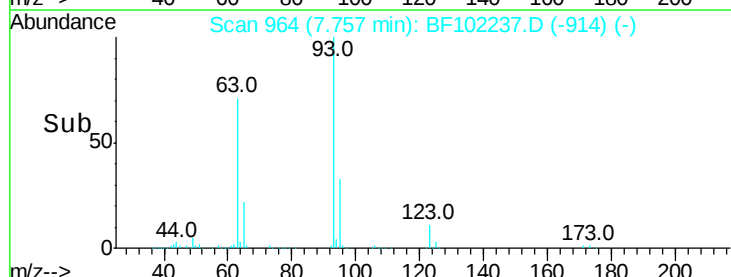
123 11.0 9.8 14.6

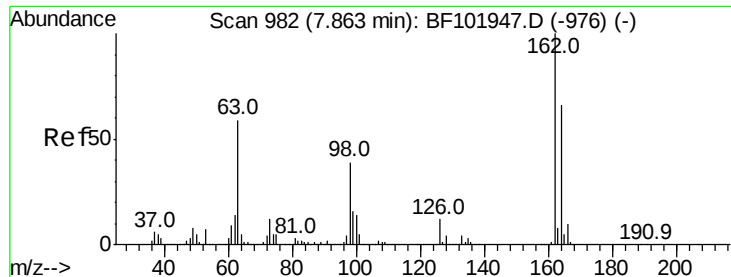


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 35.816 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

ClientSampleId :

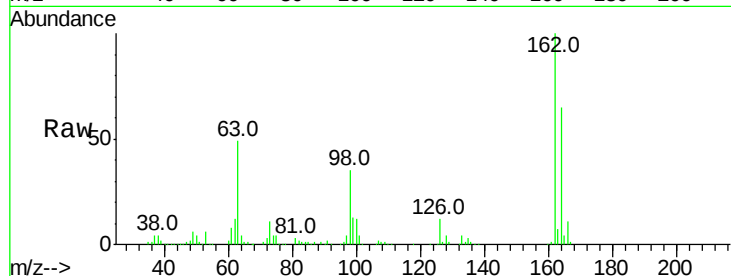
Tot Ion:162 Resp: 286509

Ion Ratio Lower Upper

162 100

164 65.2 42.7 82.7

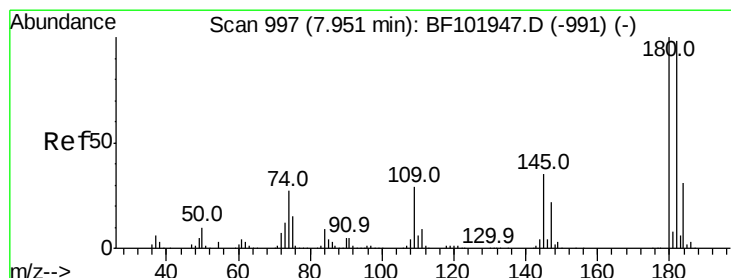
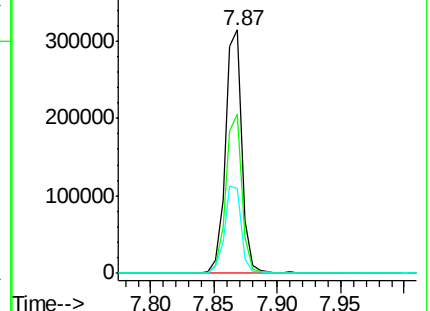
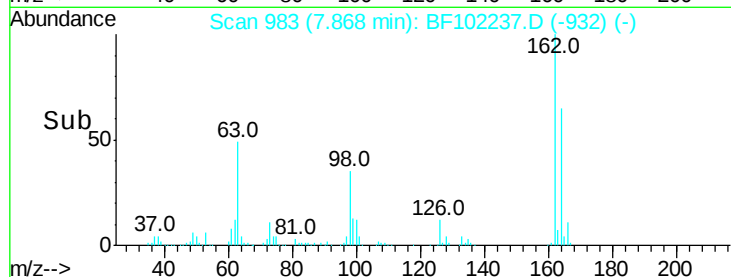
98 34.6 18.1 58.1



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: 32.680 ng

RT: 7.94 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

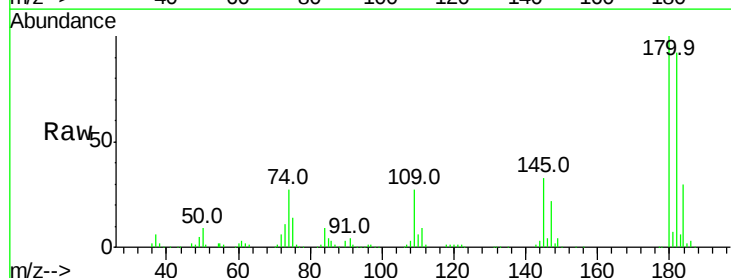
Tgt Ion:180 Resp: 273442

Ion Ratio Lower Upper

180 100

182 92.0 76.8 115.2

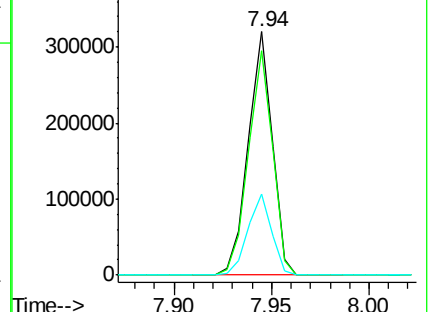
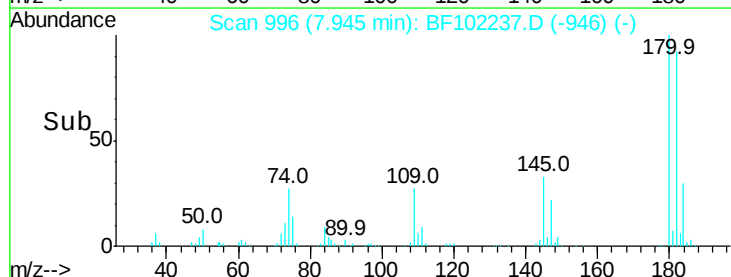
145 33.4 26.5 39.7

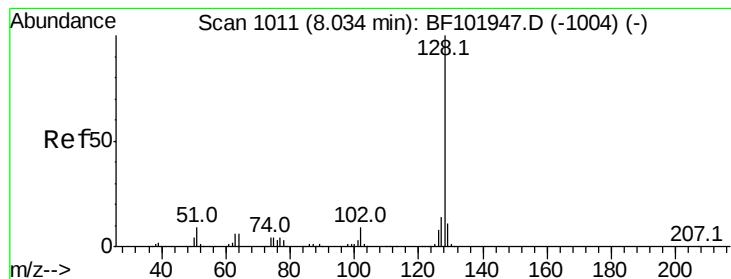


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 32.251 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

ClientSampleId :

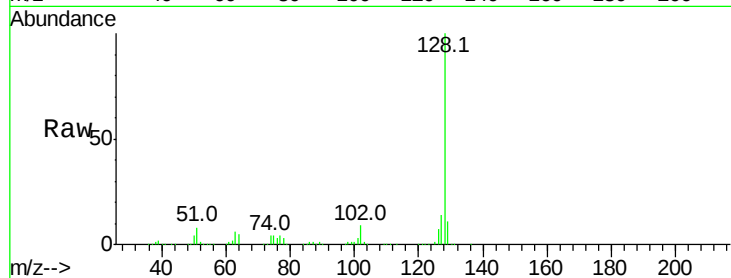
Tot Ion:128 Resp: 949834

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

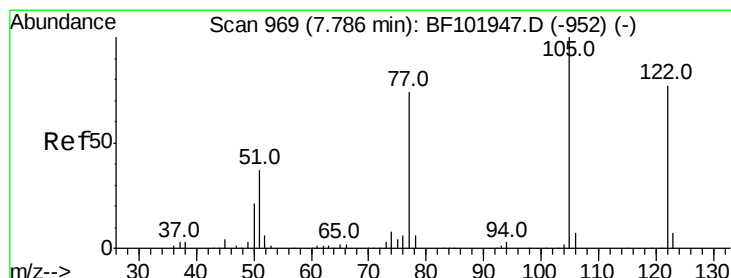
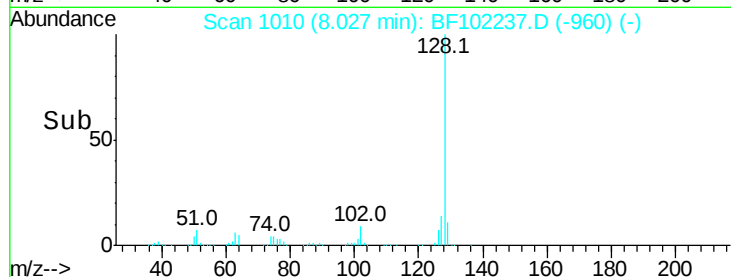
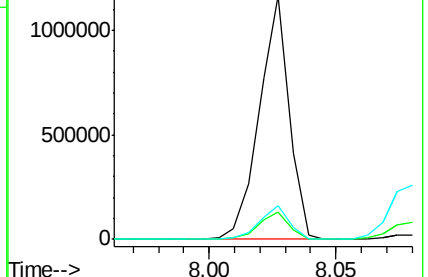
127 13.7 10.9 16.3



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: 2.008 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.06 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

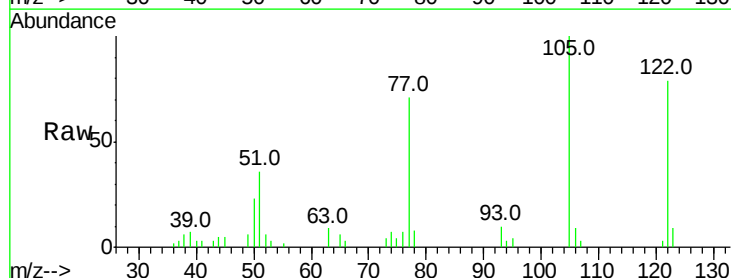
Tgt Ion:122 Resp: 12825

Ion Ratio Lower Upper

122 100

105 126.9 101.1 141.1

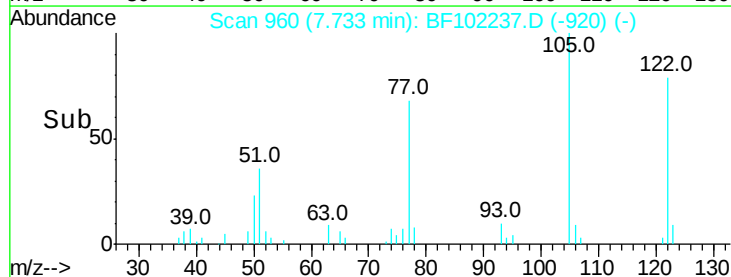
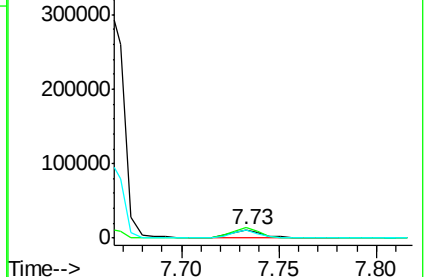
77 89.6 70.7 110.7

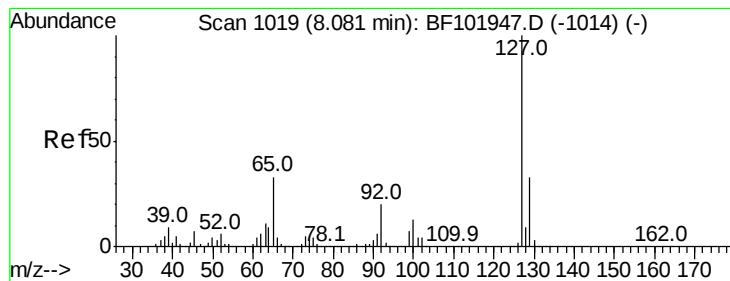


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 19.905 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 250213

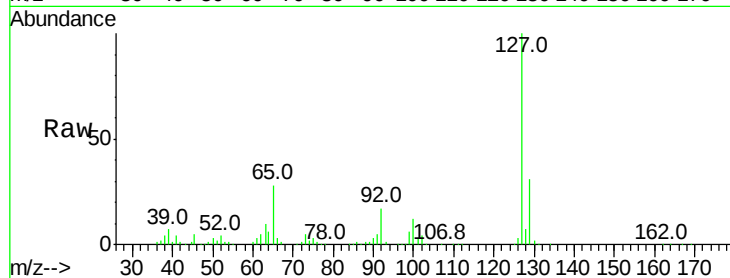
Ion Ratio Lower Upper

127 100

129 31.2 25.9 38.9

65 27.7 25.0 37.4

92 16.7 15.2 22.8

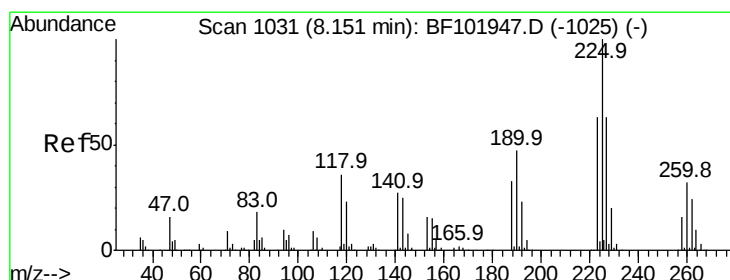
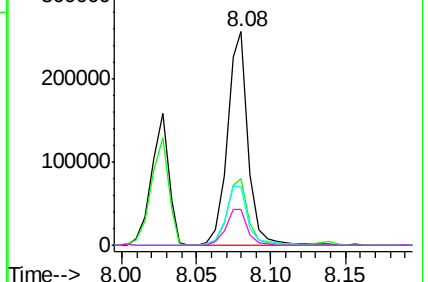
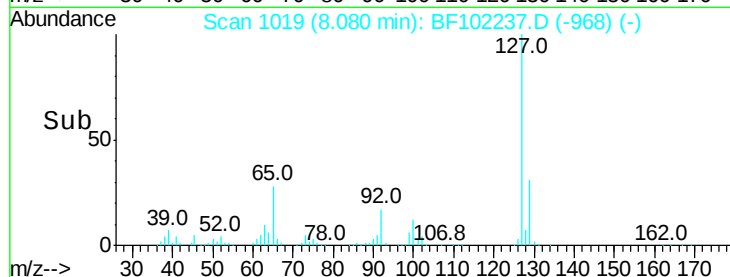


Abundance Ion 127.00 (126.70 to 127.70): E

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: 32.291 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

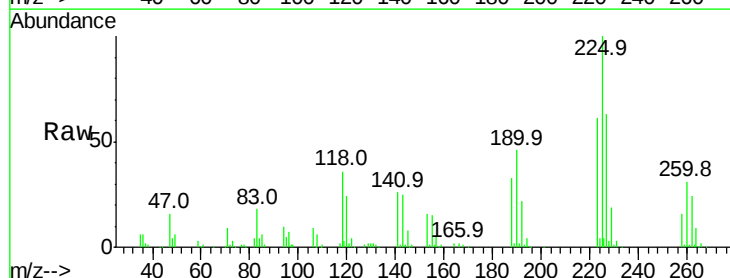
Tgt Ion:225 Resp: 143019

Ion Ratio Lower Upper

225 100

223 60.7 50.6 76.0

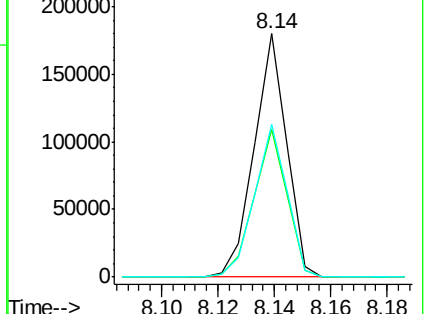
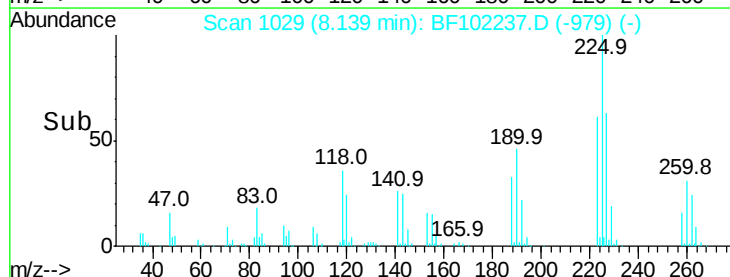
227 62.9 51.9 77.9

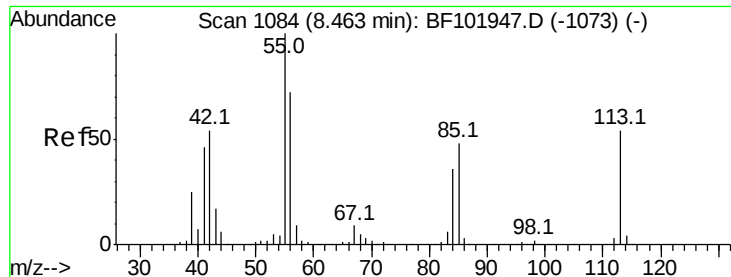


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 21.339 ng

RT: 8.45 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

ClientSampled :

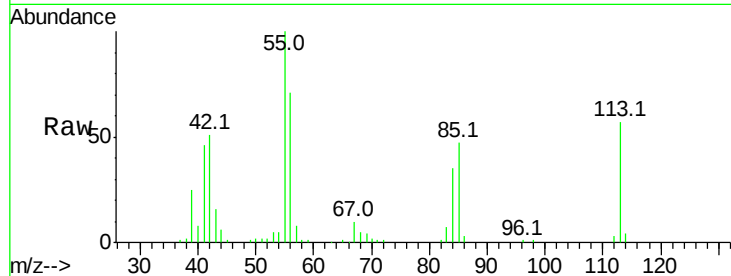
Tot Ion:113 Resp: 58600

Ion Ratio Lower Upper

113 100

55 175.6 163.3 203.3

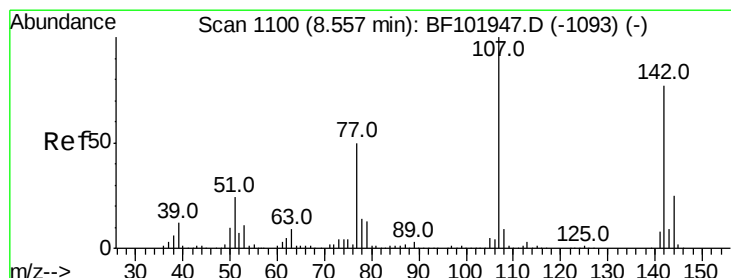
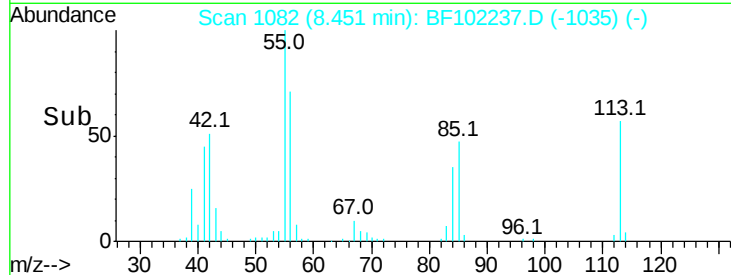
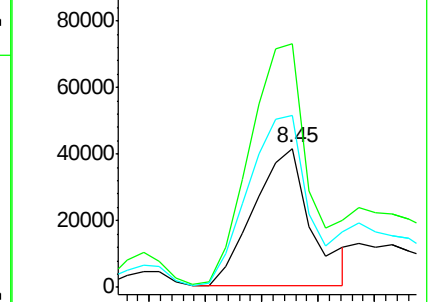
56 124.0 115.7 155.7



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: 35.139 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

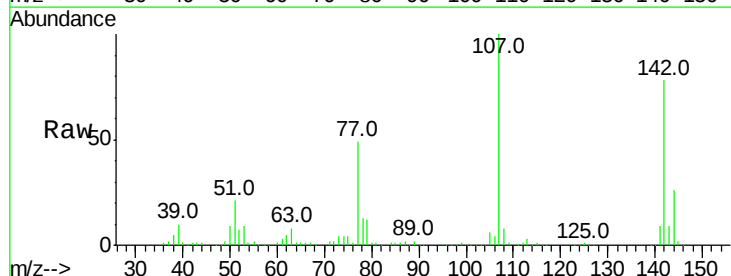
Tgt Ion:107 Resp: 307695

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

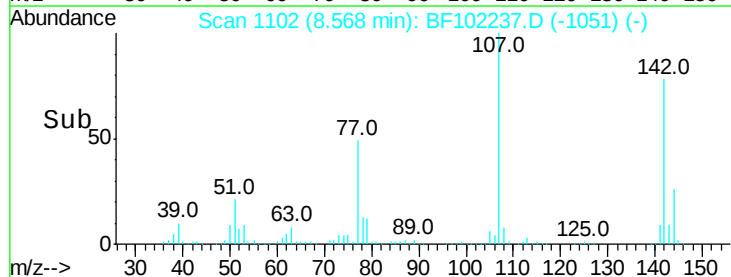
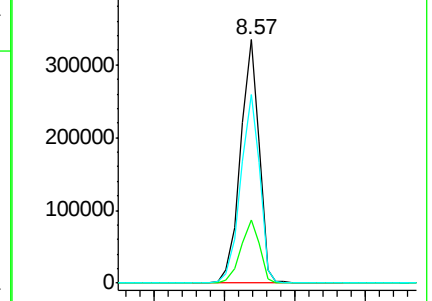
142 77.7 62.0 93.0

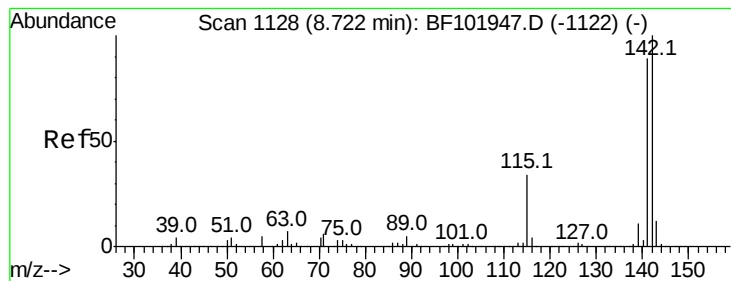


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

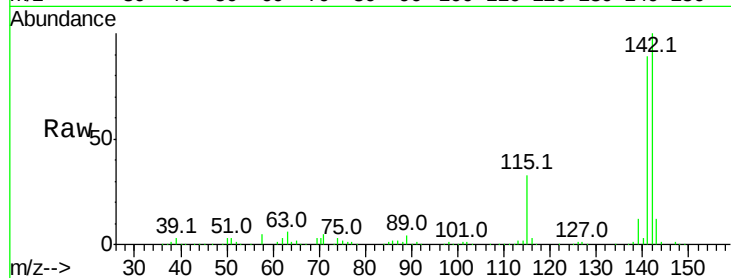




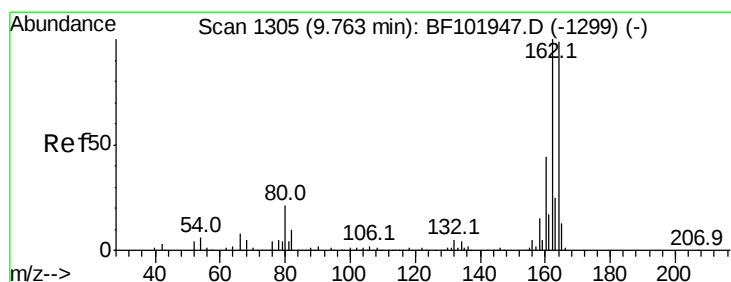
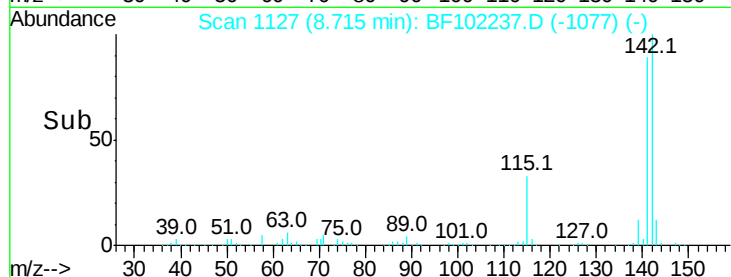
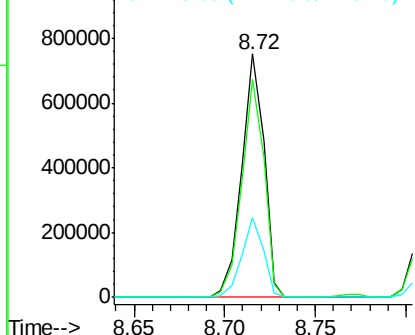
#37
 2-Methylnaphthalene
 Concen: 33.334 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 646308
 Ion Ratio Lower Upper
 142 100
 141 89.4 70.8 106.2
 115 32.7 26.1 39.1

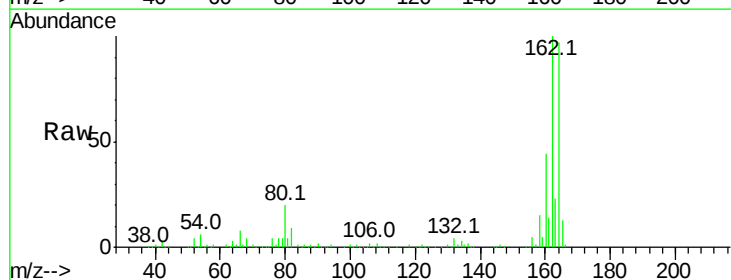


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

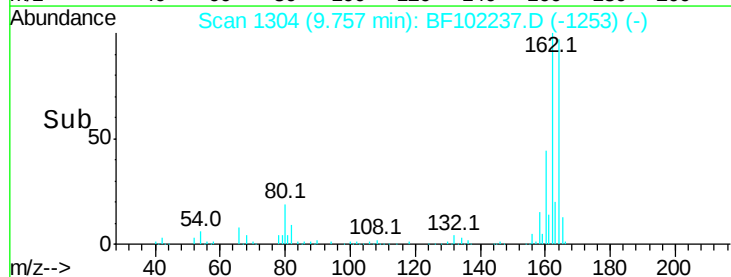
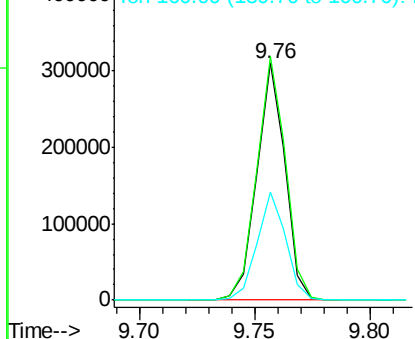


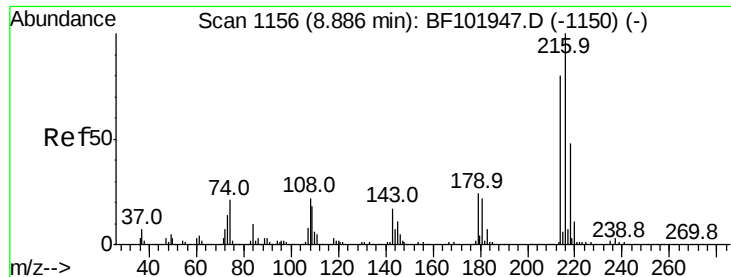
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion:164 Resp: 264081
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 45.3 38.3 57.5



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

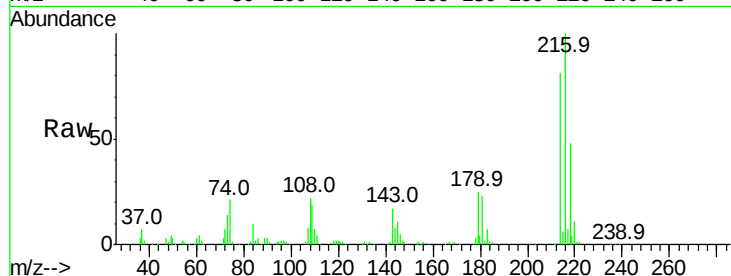




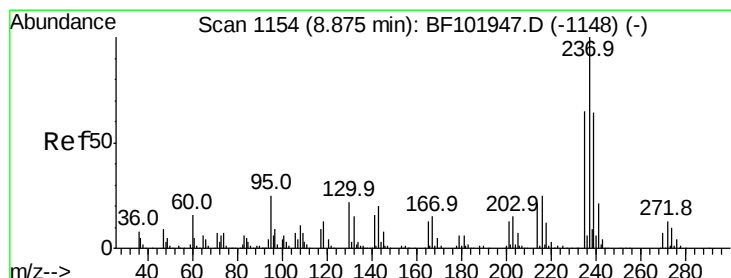
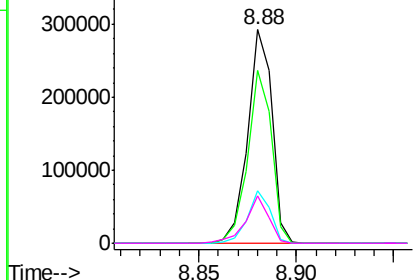
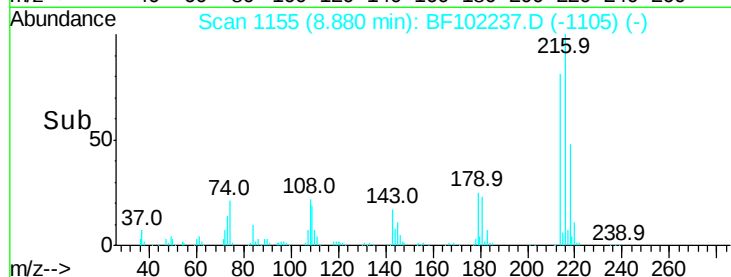
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.892 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	253211
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	23.2	18.1	27.1
108	21.2	17.2	25.8

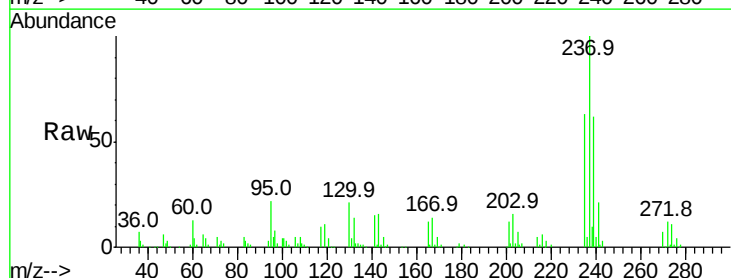


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

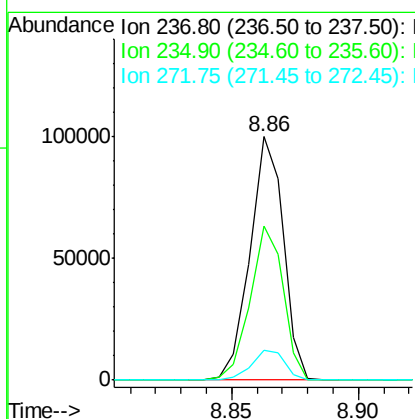
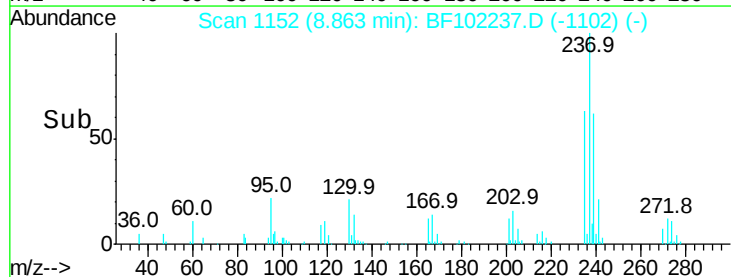


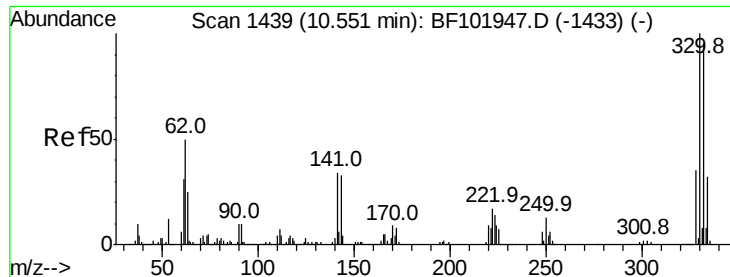
#40
 Hexachlorocyclopentadiene
 Concen: 22.558 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion:	237	Resp:	92168
Ion	Ratio	Lower	Upper
237	100		
235	63.3	44.8	84.8
272	12.0	0.0	33.3



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

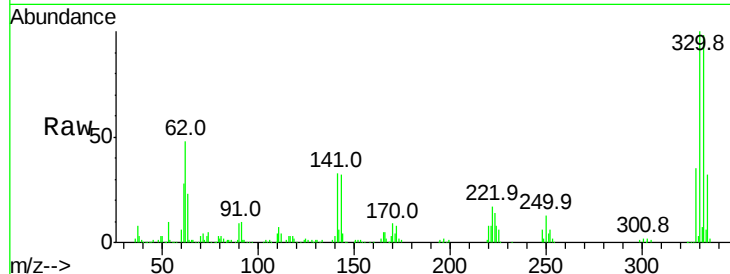




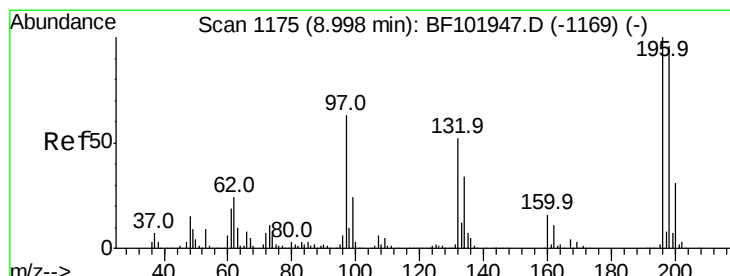
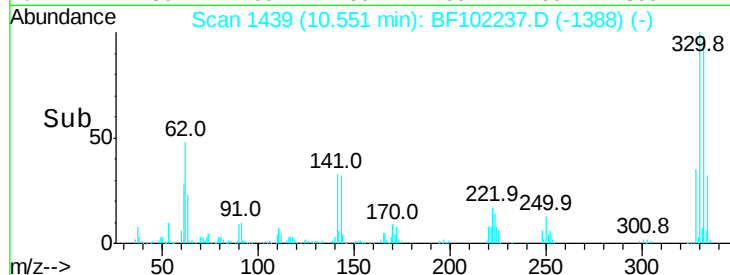
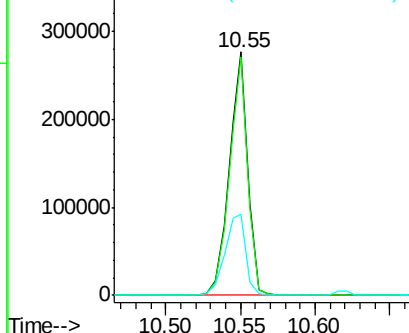
#41
 2,4,6-Tribromophenol
 Concen: 105.211 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	37.5	29.9	44.9

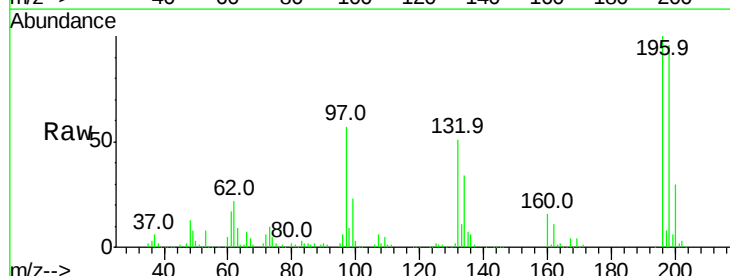


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

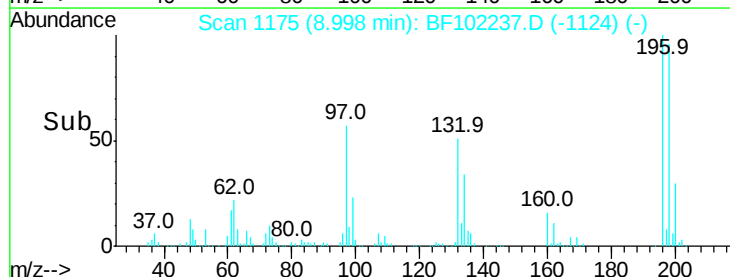
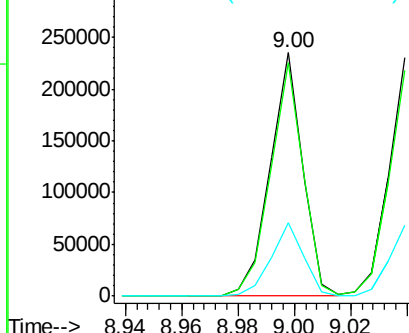


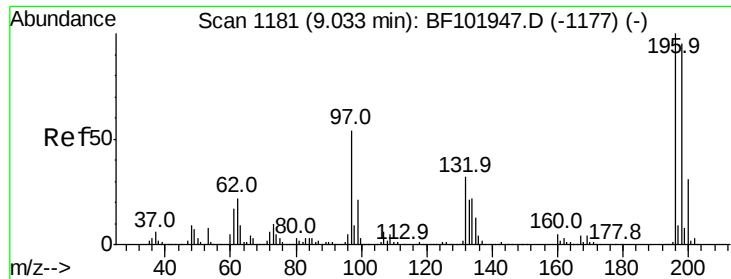
#42
 2,4,6-Trichlorophenol
 Concen: 36.596 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.7	113.5
200	30.1	24.5	36.7



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

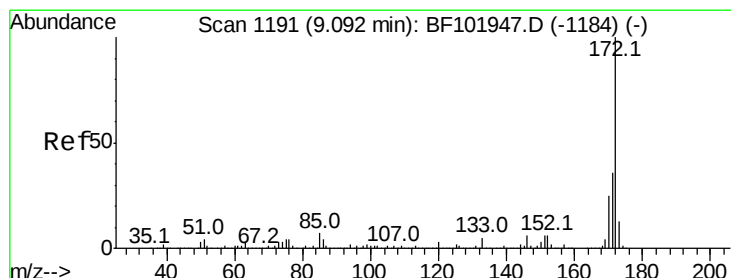
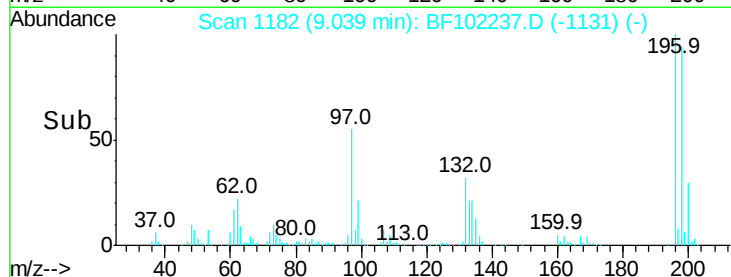
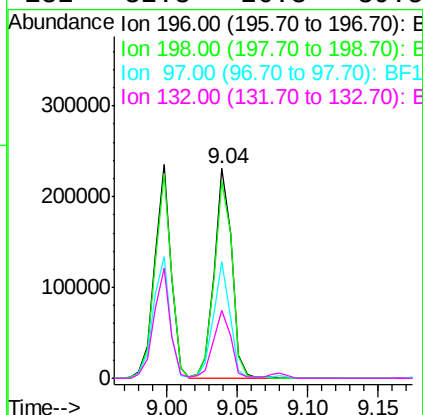
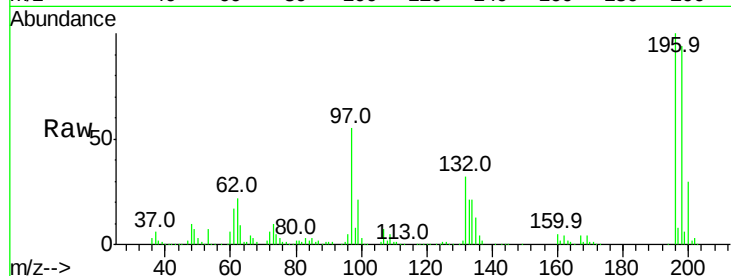




#43
 2,4,5-Trichlorophenol
 Concen: 34.332 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

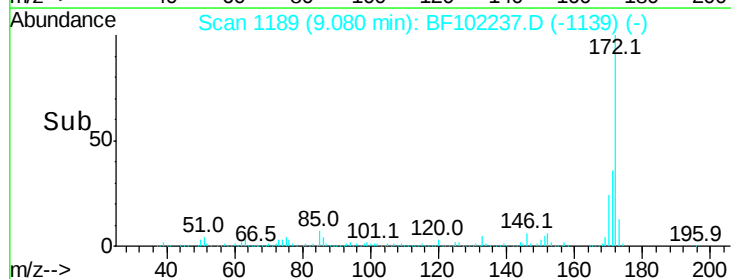
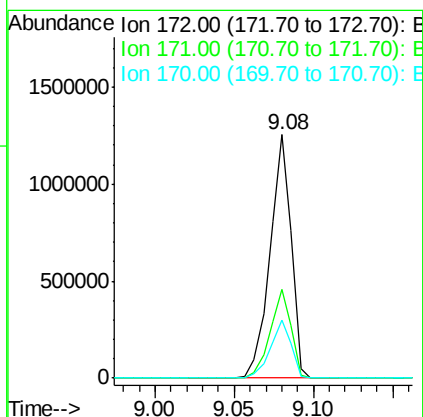
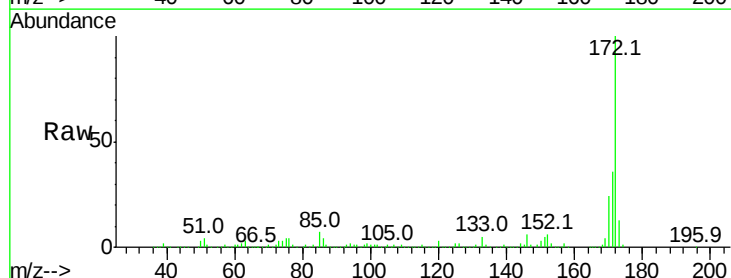
Instrument :
 BNA_F
 ClientSampleId :

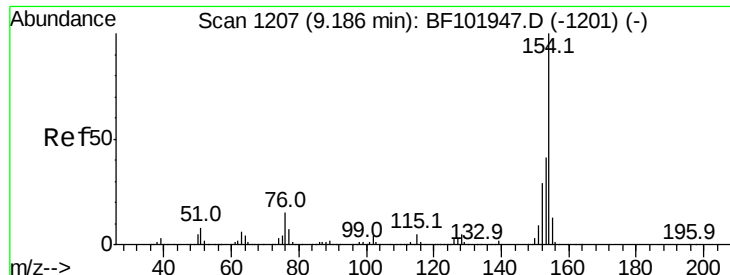
Tot Ion:	196	Resp:	199773
Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.6	112.0
97	55.4	42.9	64.3
132	32.3	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 69.054 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion:	172	Resp:	1167266
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.8	19.6	29.4





#45

1,1'-Biphenyl

Concen: 32.294 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

ClientSampleId :

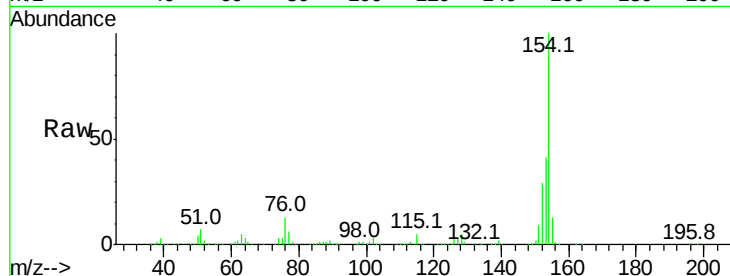
Tot Ion:154 Resp: 753806

Ion Ratio Lower Upper

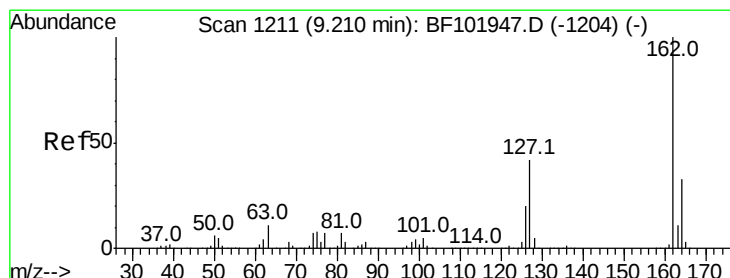
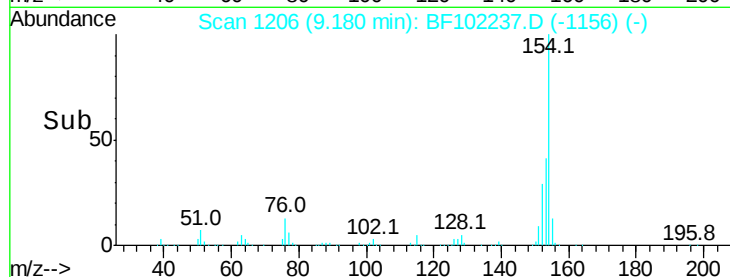
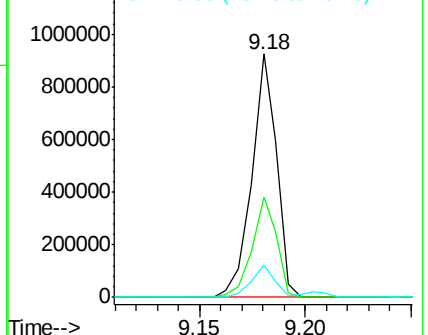
154 100

153 40.9 21.3 61.3

76 13.3 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 32.198 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

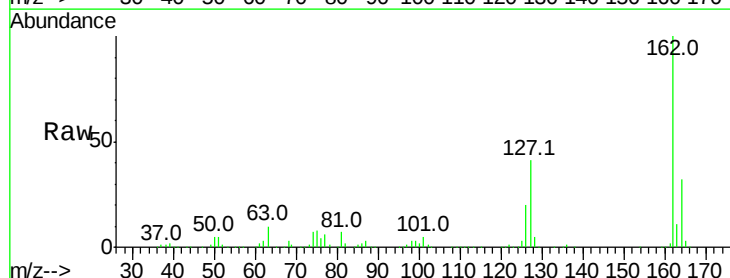
Tgt Ion:162 Resp: 582800

Ion Ratio Lower Upper

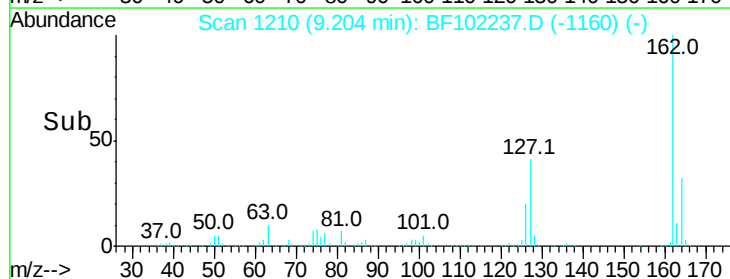
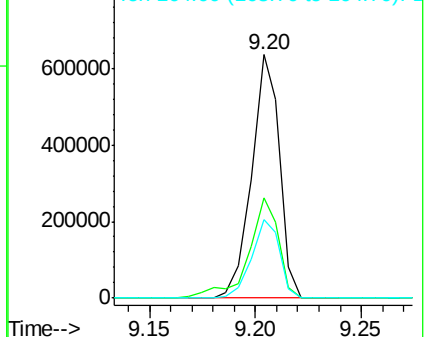
162 100

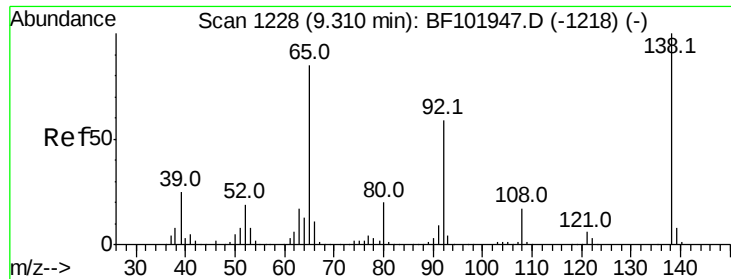
127 41.4 33.9 50.9

164 32.2 26.5 39.7



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

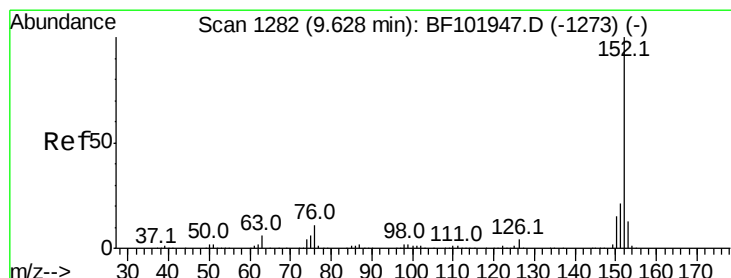
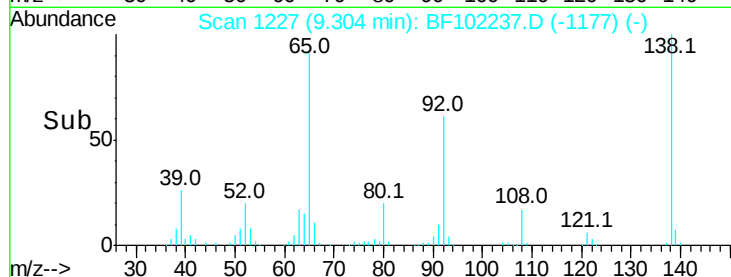
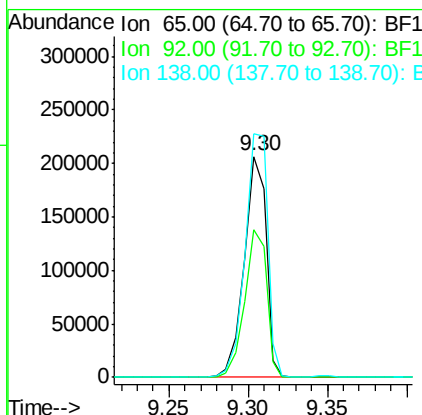
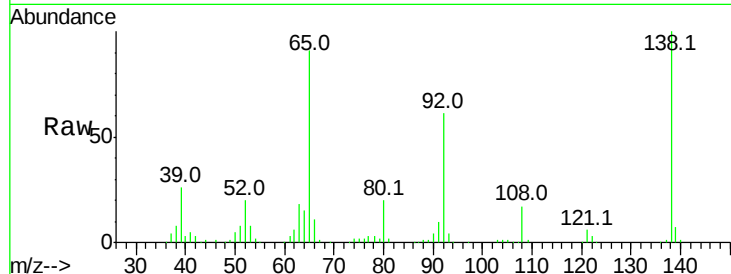




#47
 2-Nitroaniline
 Concen: 36.526 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

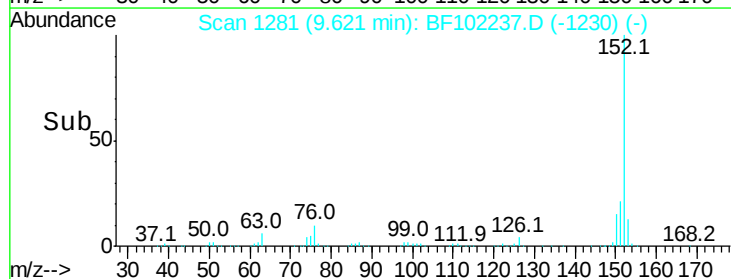
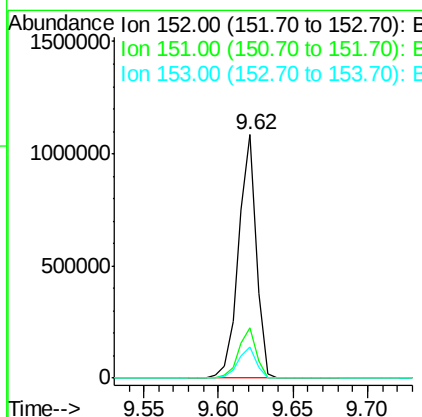
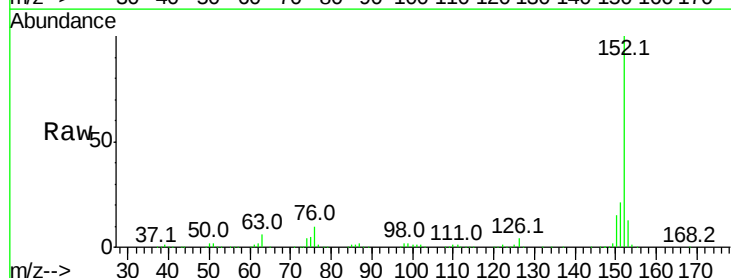
Instrument :
 BNA_F
 ClientSampleId :

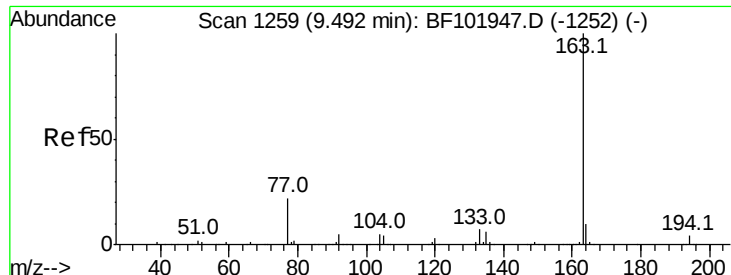
Tot Ion: 65 Resp: 198044
 Ion Ratio Lower Upper
 65 100
 92 67.0 55.8 83.6
 138 110.2 91.2 136.8



#48
 Acenaphthylene
 Concen: 31.392 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion:152 Resp: 901761
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 12.9 10.7 16.1

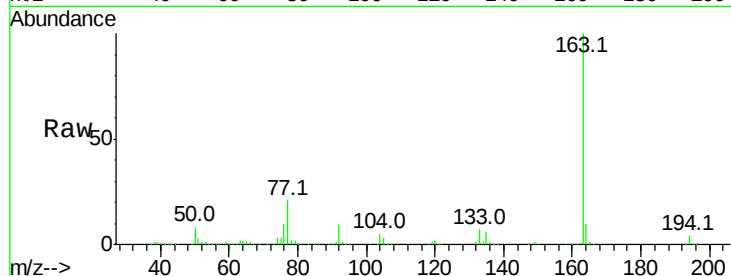




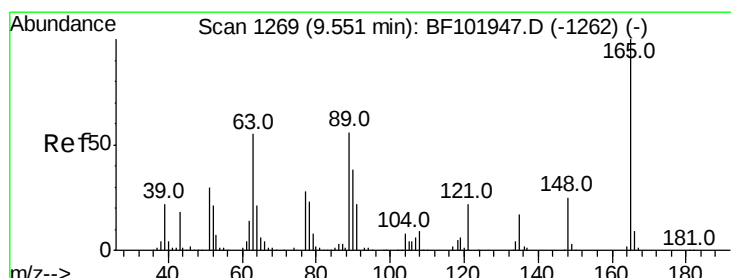
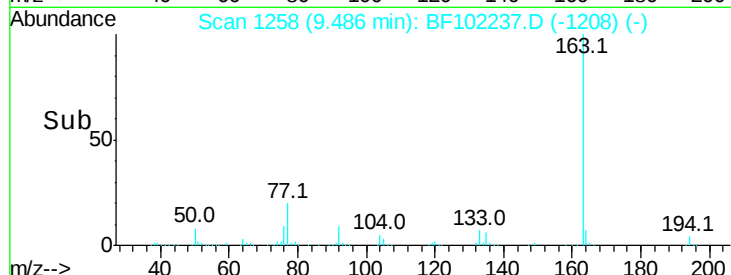
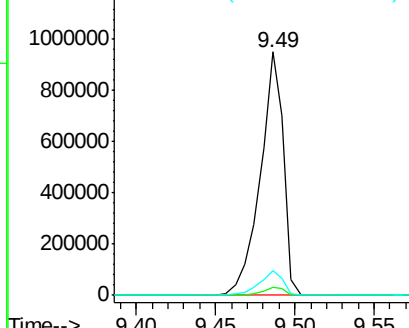
#49
Dimethylphthalate
Concen: 45.837 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 971034
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2

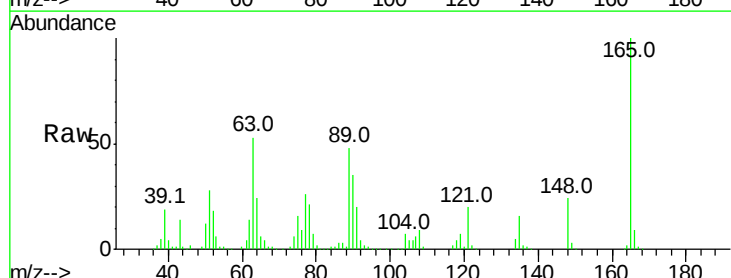


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

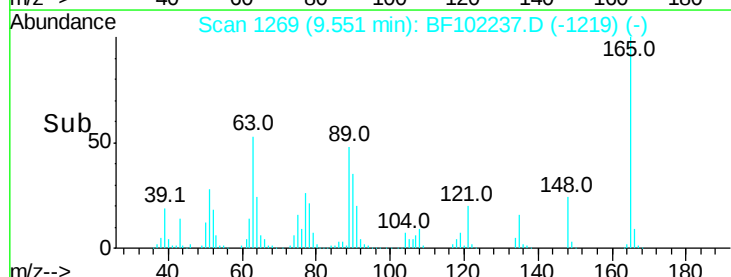
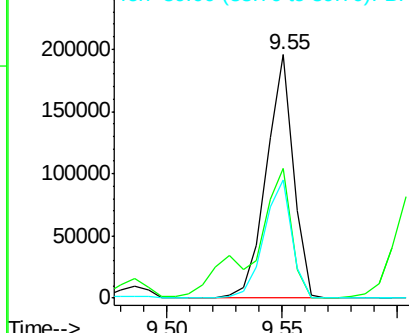


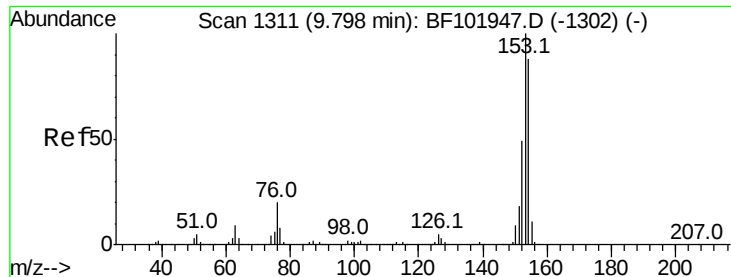
#50
2,6-Dinitrotoluene
Concen: 37.592 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion:165 Resp: 159076
Ion Ratio Lower Upper
165 100
63 53.2 44.7 67.1
89 48.5 44.0 66.0



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





#51

Acenaphthene

Concen: 29.900 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

ClientSampled :

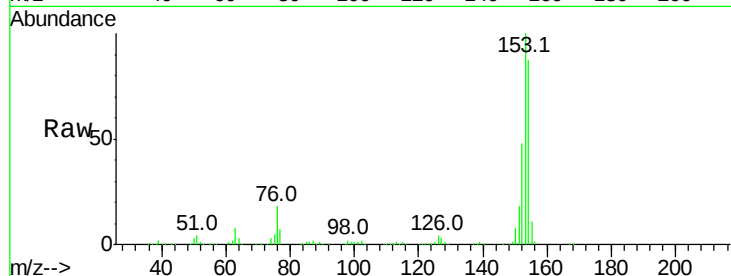
Tot Ion:154 Resp: 521308

Ion Ratio Lower Upper

154 100

153 114.5 91.2 136.8

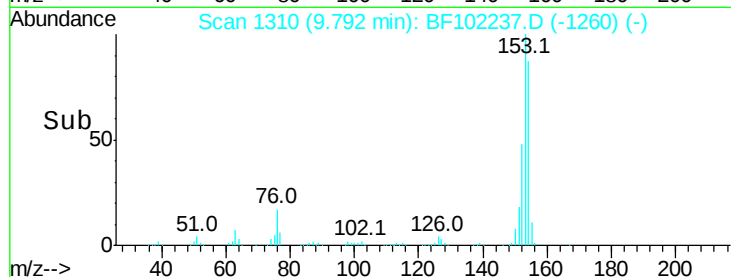
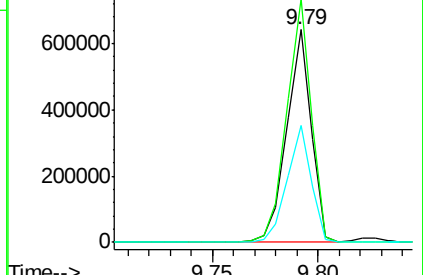
152 55.2 43.8 65.8



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



#52

3-Nitroaniline

Concen: 25.009 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

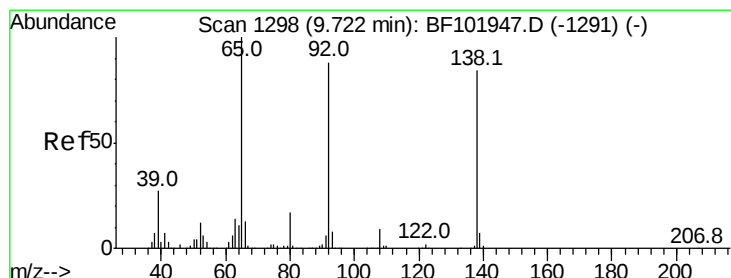
Tgt Ion:138 Resp: 133563

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

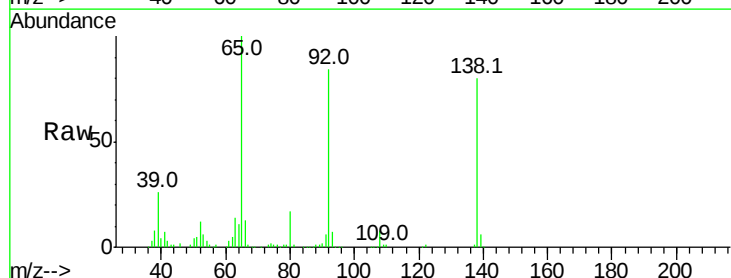
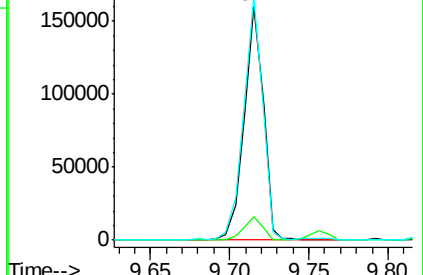
92 104.1 89.4 134.2

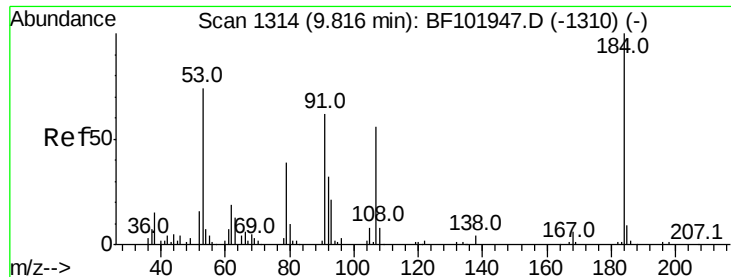


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

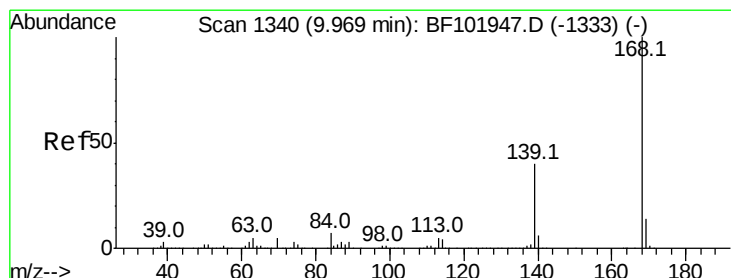
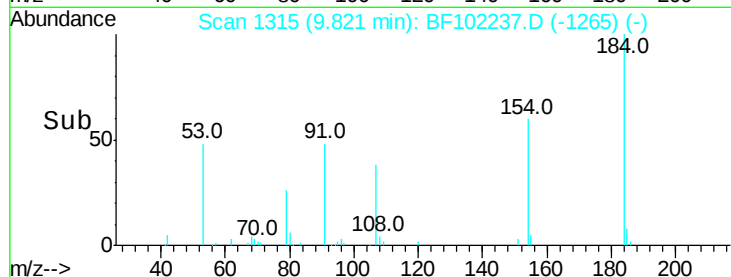
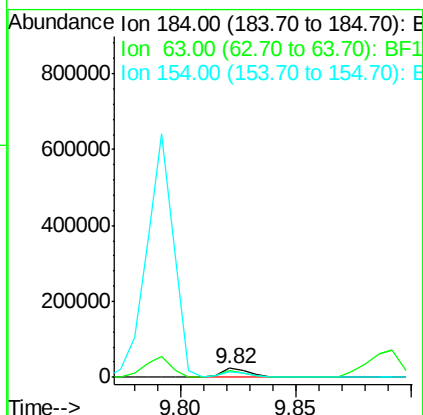
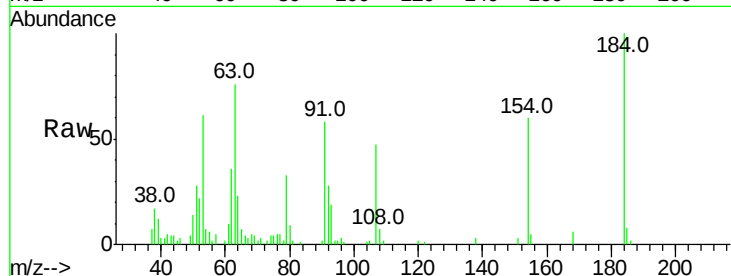




#53
 2,4-Dinitrophenol
 Concen: 20.751 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

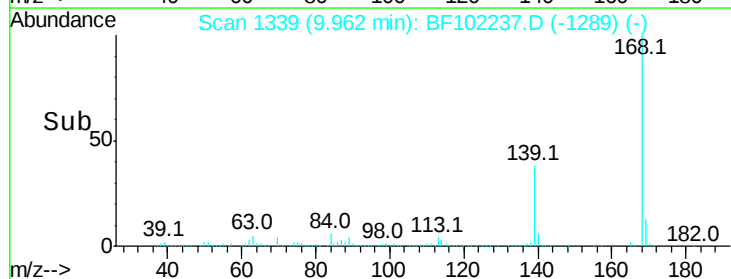
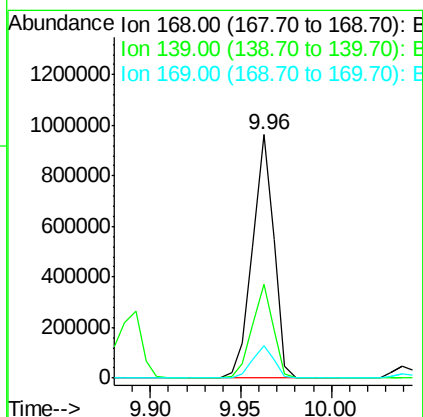
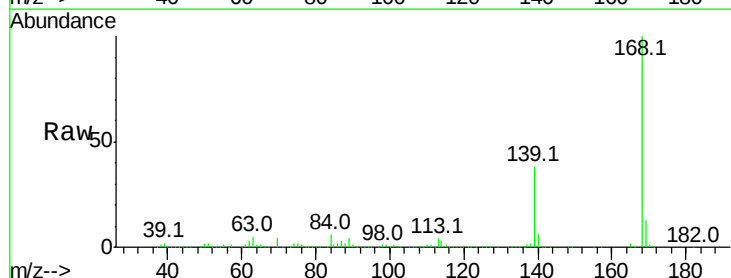
Instrument :
 BNA_F
 ClientSampleId :

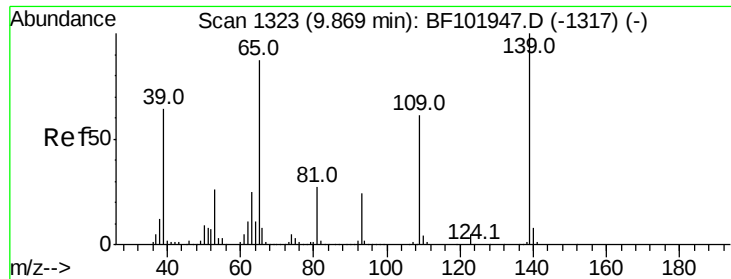
Tot Ion:184 Resp: 21930
 Ion Ratio Lower Upper
 184 100
 63 76.1 54.2 81.2
 154 60.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 33.082 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion:168 Resp: 791613
 Ion Ratio Lower Upper
 168 100
 139 38.4 30.1 45.1
 169 13.5 10.9 16.3

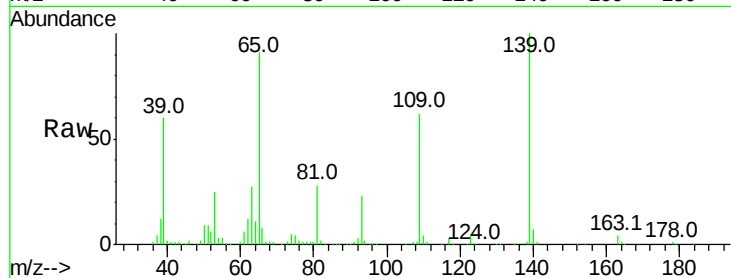




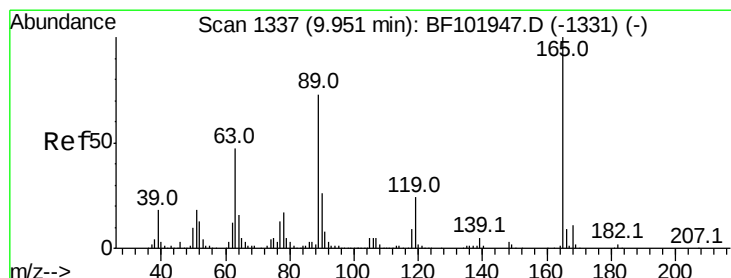
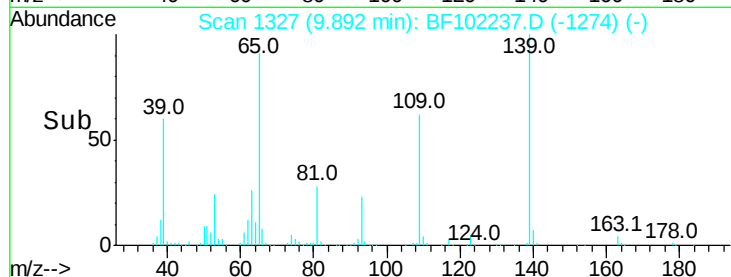
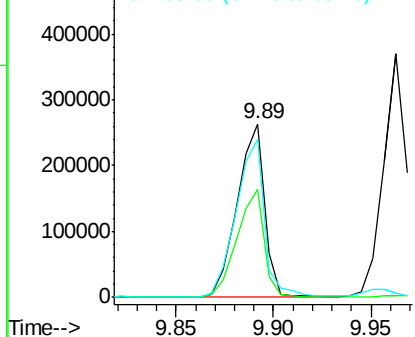
#55
4-Nitrophenol
Concen: 64.998 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 258694
Ion Ratio Lower Upper
139 100
109 61.8 48.4 88.4
65 90.7 72.6 112.6

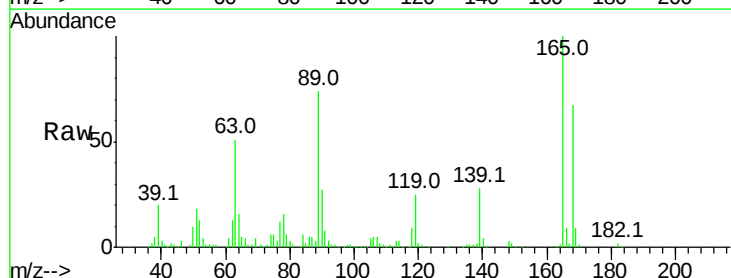


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

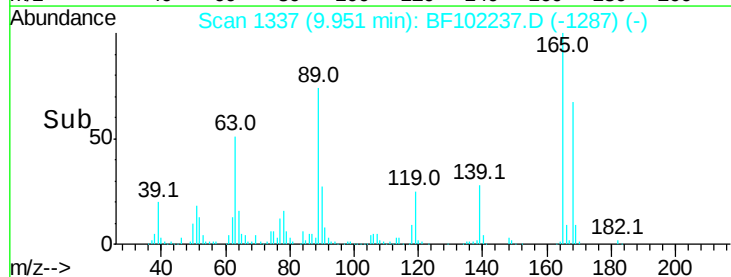
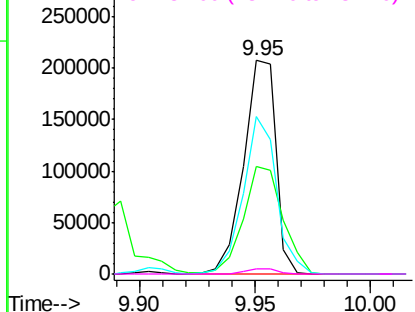


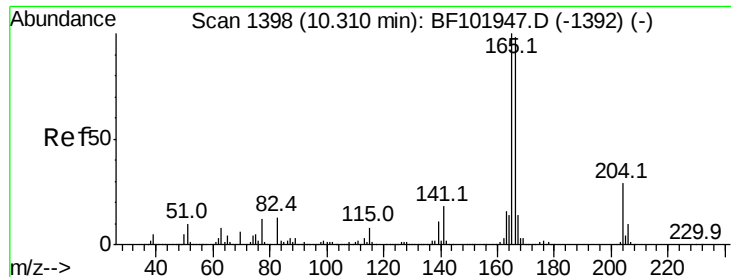
#56
2,4-Dinitrotoluene
Concen: 38.230 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion:165 Resp: 202770
Ion Ratio Lower Upper
165 100
63 50.5 36.4 54.6
89 74.0 57.8 86.6
182 2.3 1.6 2.4



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

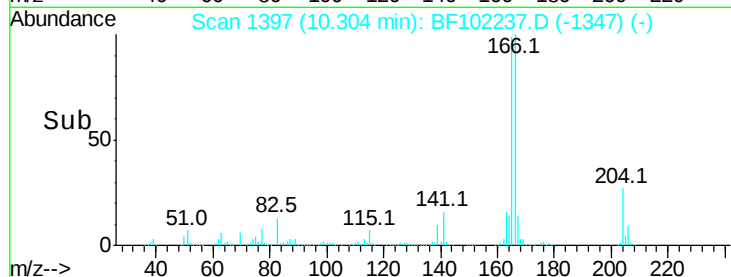
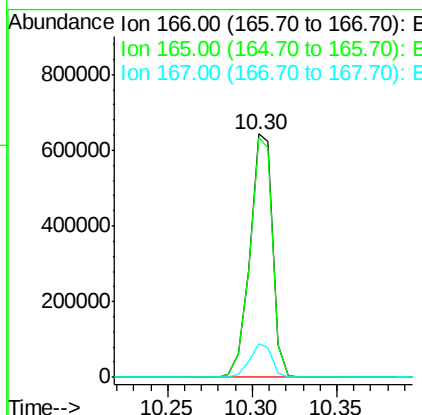
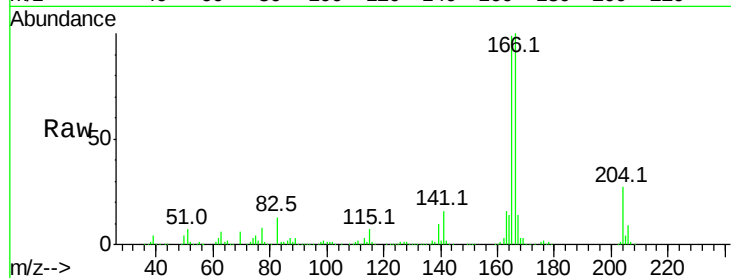




#57
Fluorene
 Concen: 36.472 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

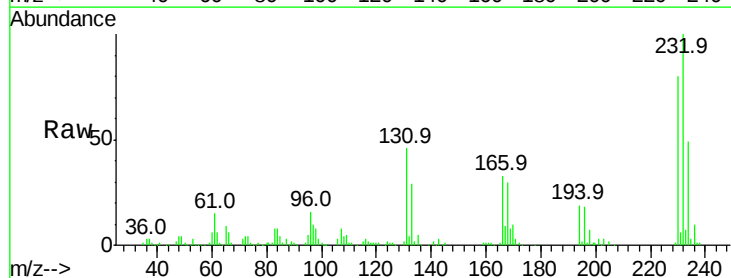
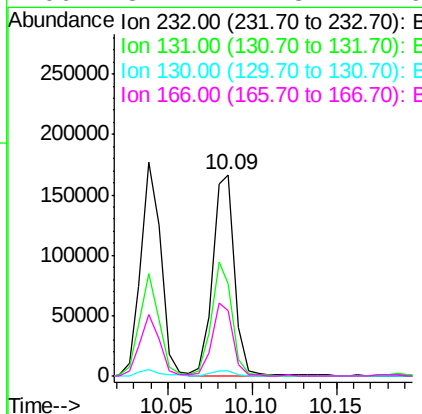
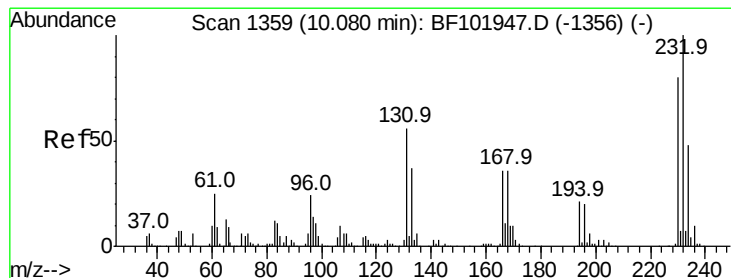
Instrument :
 BNA_F
 ClientSampleId :

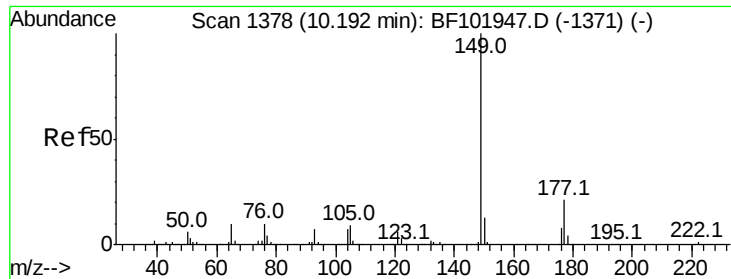
Tot Ion:166 Resp: 603313
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.8 119.8
 167 13.6 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.486 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion:232 Resp: 151151
 Ion Ratio Lower Upper
 232 100
 131 53.5 43.8 65.8
 130 2.5 2.1 3.1
 166 34.2 27.8 41.6

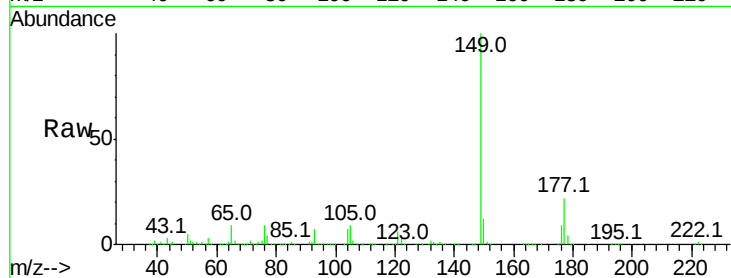




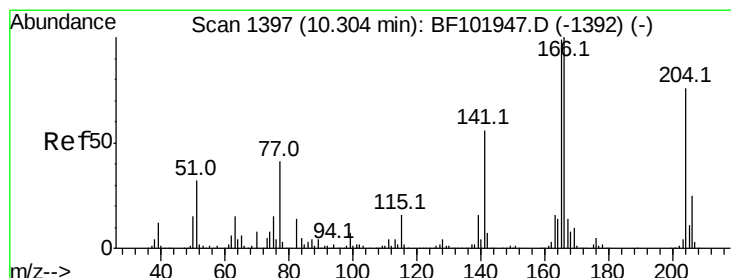
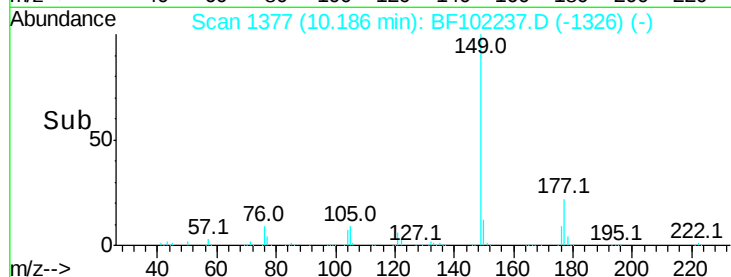
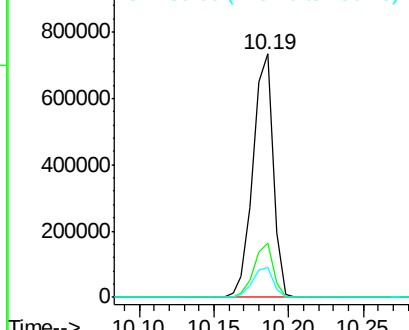
#59
Diethylphthalate
Concen: 32.576 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 686472
Ion Ratio Lower Upper
149 100
177 22.1 16.1 24.1
150 12.5 10.1 15.1

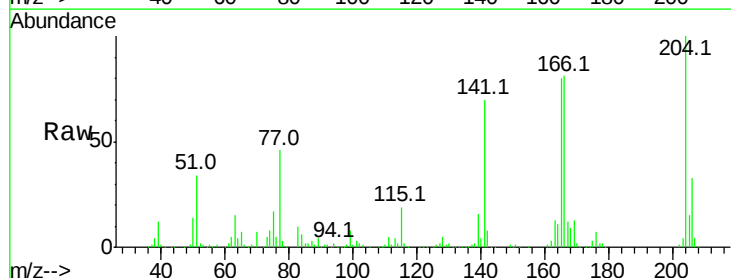


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

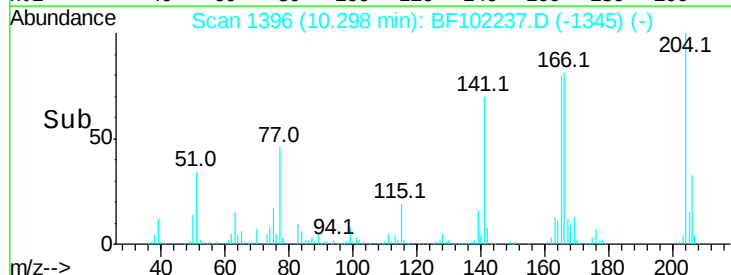
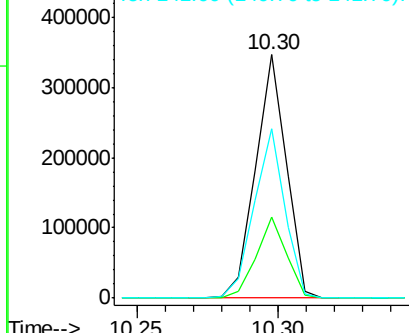


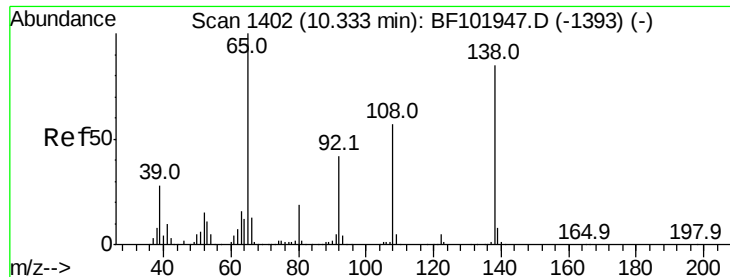
#60
4-Chlorophenyl-phenylether
Concen: 37.279 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion:204 Resp: 262583
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 69.6 54.6 81.8



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

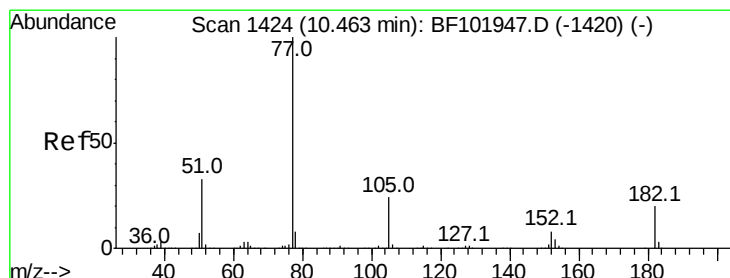
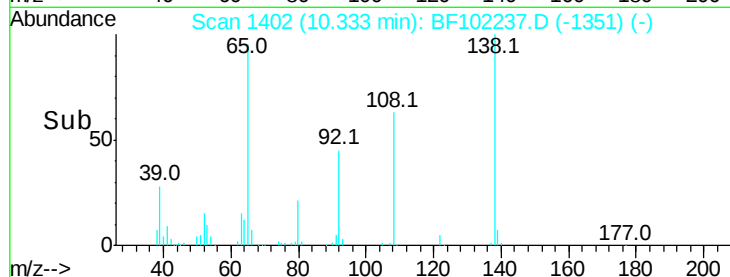
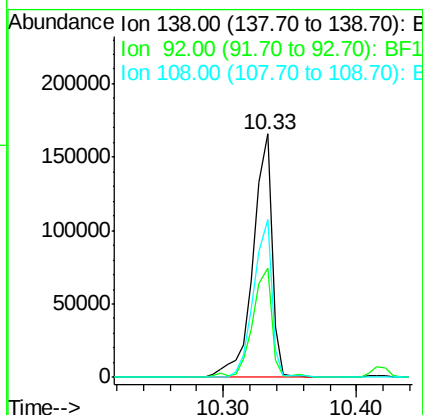
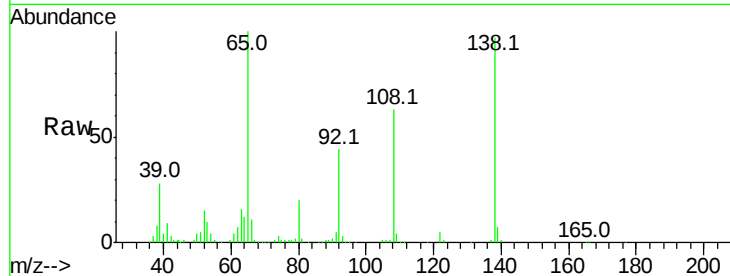




#61
4-Nitroaniline
Concen: 31.664 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

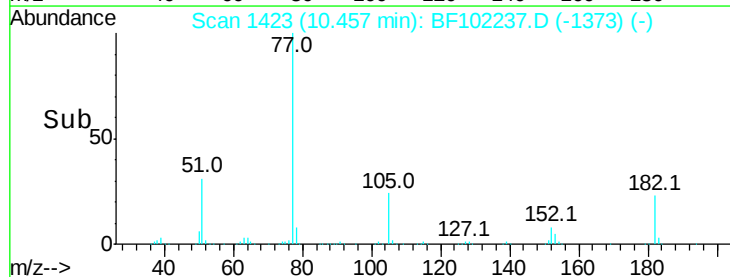
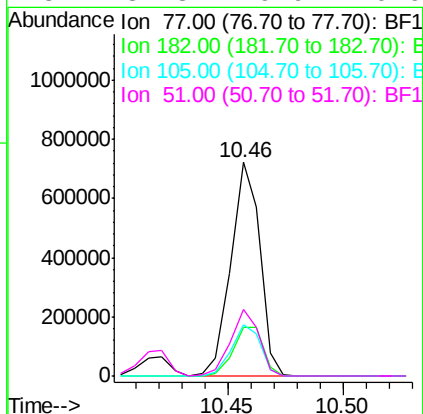
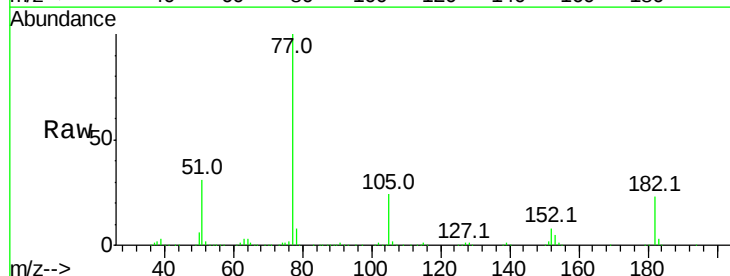
Instrument :
BNA_F
ClientSampleId :

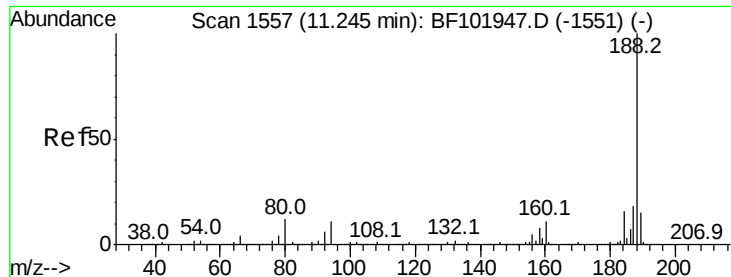
Tot Ion:138 Resp: 160486
Ion Ratio Lower Upper
138 100
92 45.0 30.2 70.2
108 65.0 52.5 92.5



#62
Azobenzene
Concen: 30.147 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion: 77 Resp: 632067
Ion Ratio Lower Upper
77 100
182 22.9 1.7 41.7
105 24.0 3.0 43.0
51 31.3 9.9 49.9

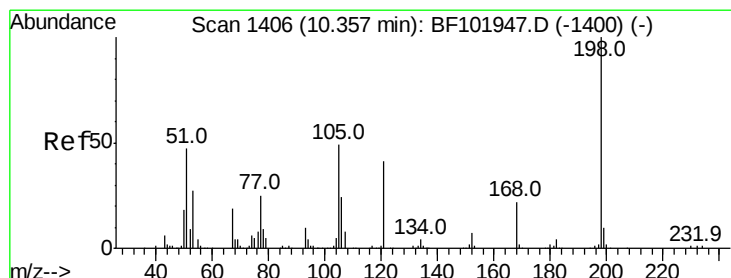
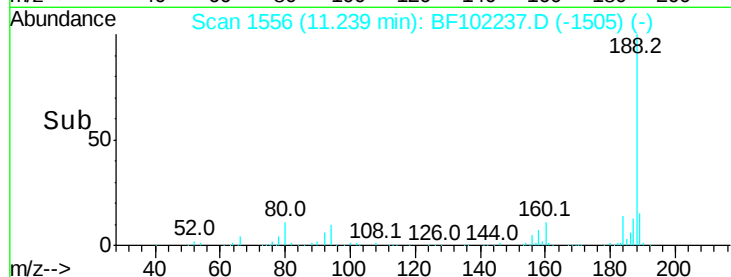
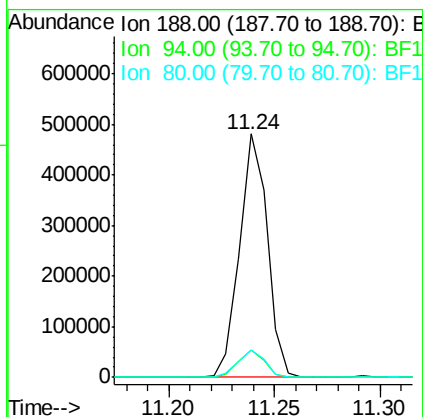
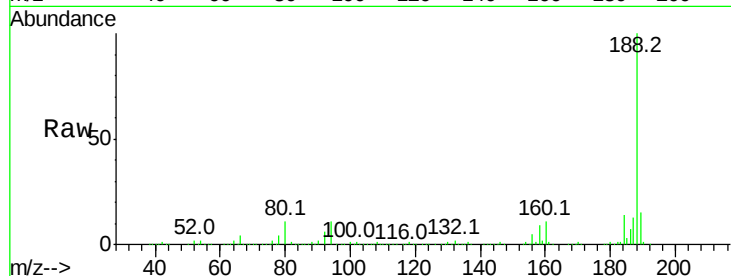




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

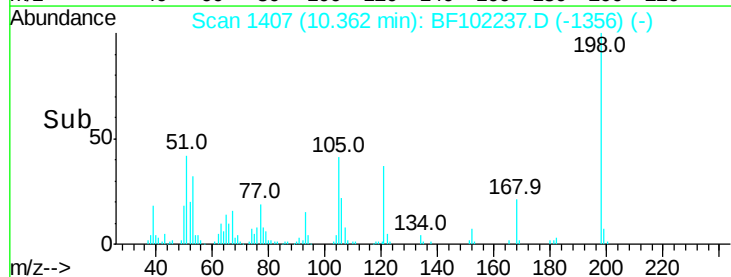
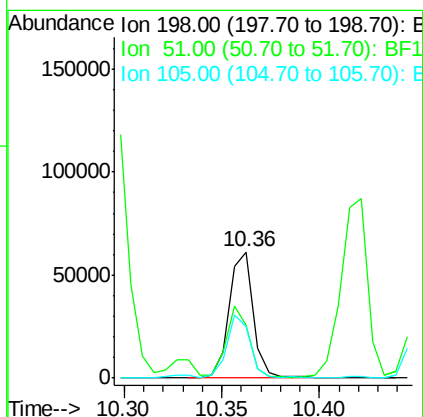
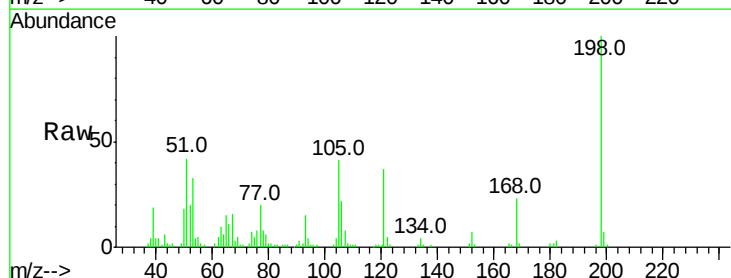
Instrument :
BNA_F
ClientSampleId :

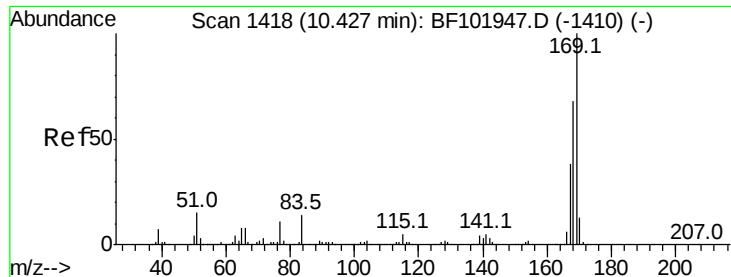
Tot Ion:188 Resp: 437269
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 25.222 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion:198 Resp: 52665
Ion Ratio Lower Upper
198 100
51 42.2 37.7 77.7
105 40.5 36.3 76.3

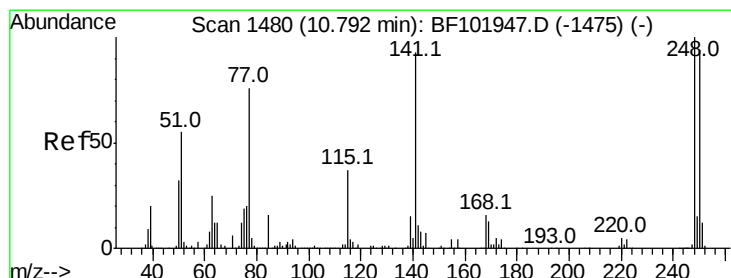
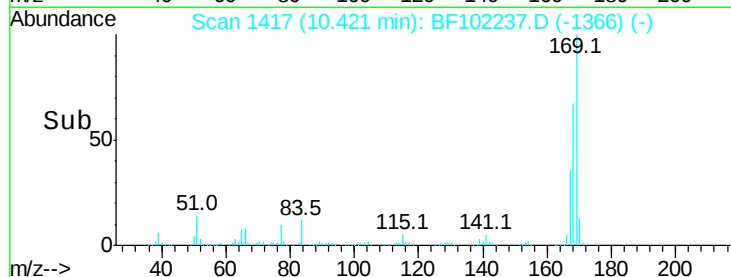
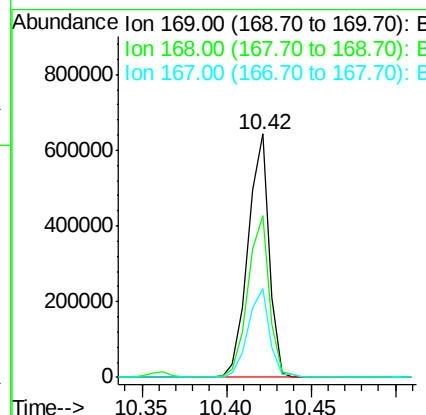
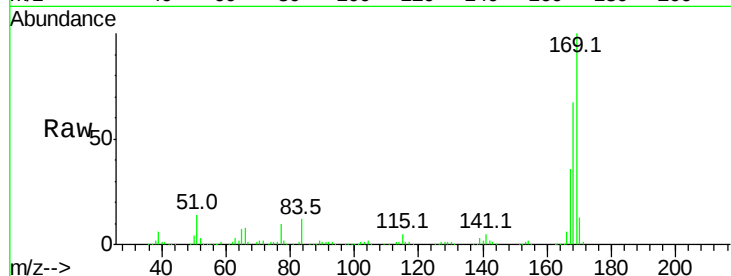




#65
 n-Nitrosodiphenylamine
 Concen: 34.200 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

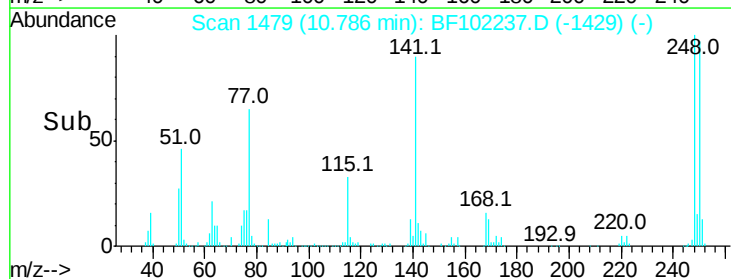
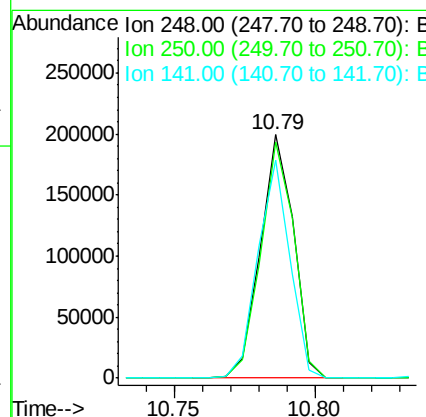
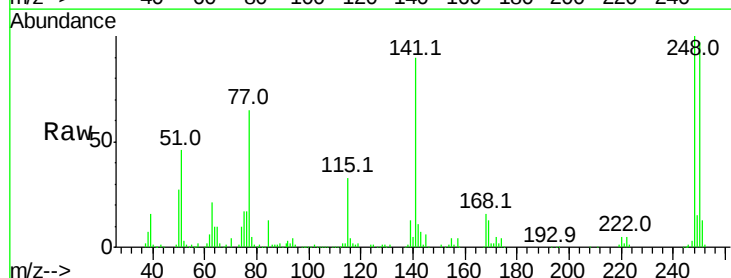
Instrument :
 BNA_F
 ClientSampleId :

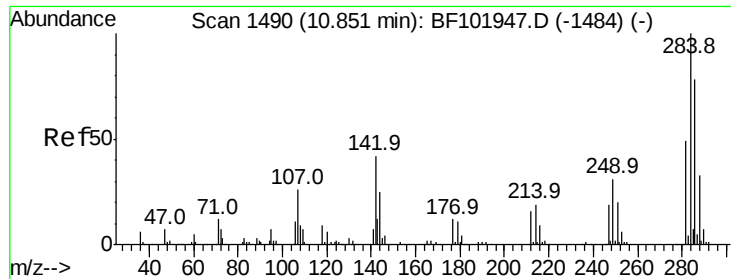
Tot Ion:169 Resp: 559983
 Ion Ratio Lower Upper
 169 100
 168 66.6 54.4 81.6
 167 36.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 35.226 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion:248 Resp: 162667
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.9 115.3
 141 89.8 74.4 111.6

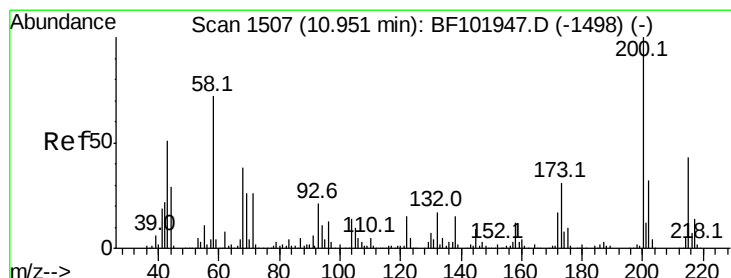
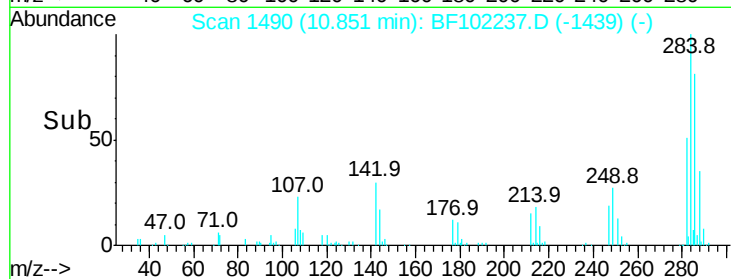
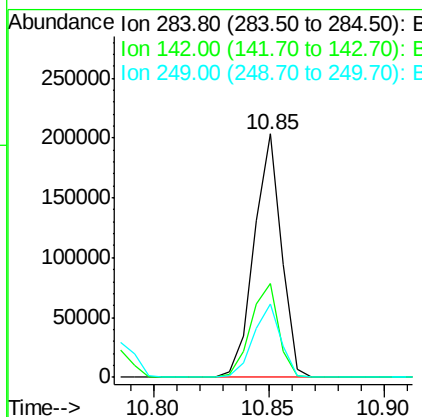
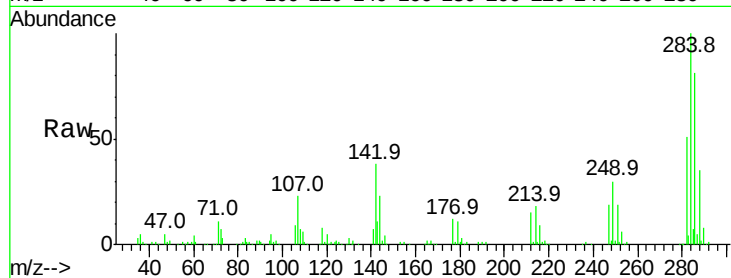




#67
 Hexachlorobenzene
 Concen: 33.367 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

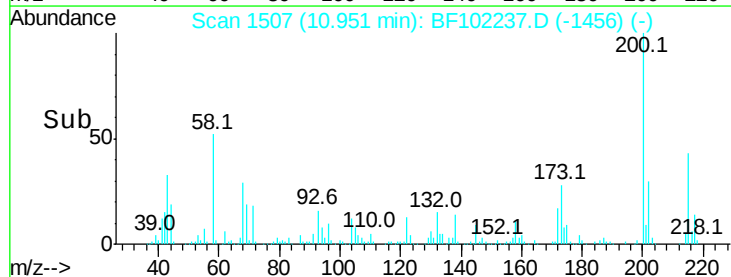
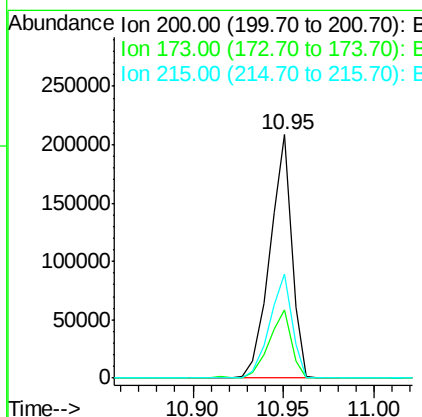
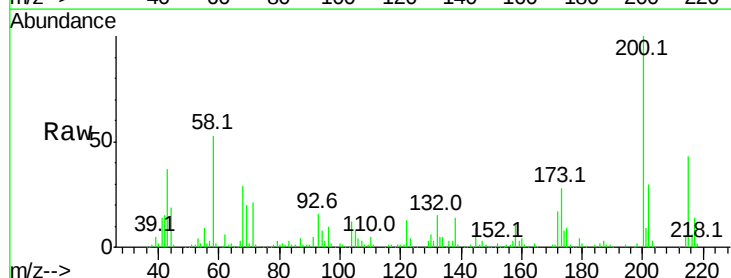
Instrument :
 BNA_F
 ClientSampled :

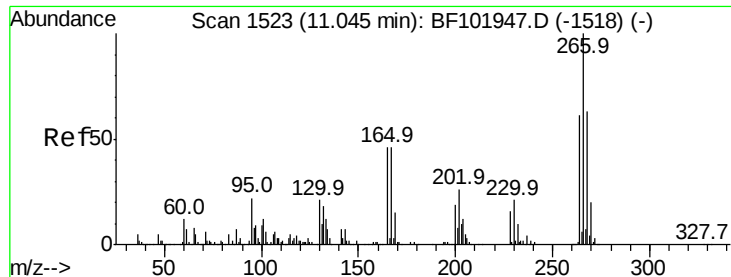
Tot Ion:284 Resp: 168209
 Ion Ratio Lower Upper
 284 100
 142 38.4 34.6 52.0
 249 30.2 24.8 37.2



#68
 Atrazine
 Concen: 36.920 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion:200 Resp: 174706
 Ion Ratio Lower Upper
 200 100
 173 28.1 8.6 48.6
 215 42.9 25.1 65.1

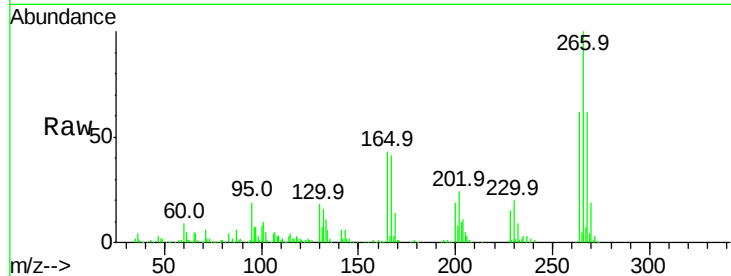




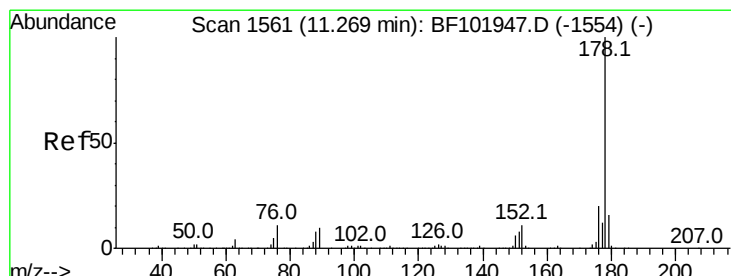
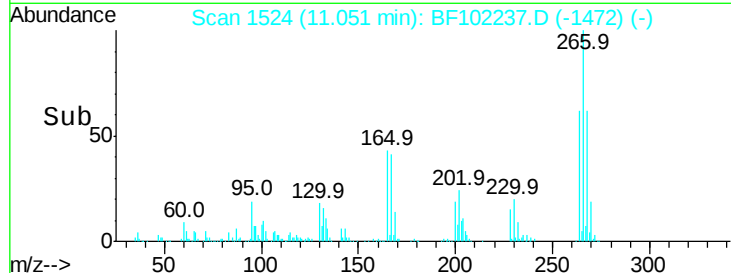
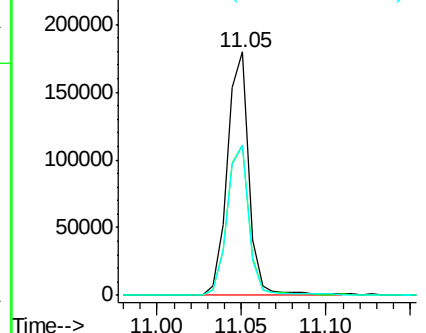
#69
 Pentachlorophenol
 Concen: 52.288 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.1	76.7
264	61.8	49.5	74.3

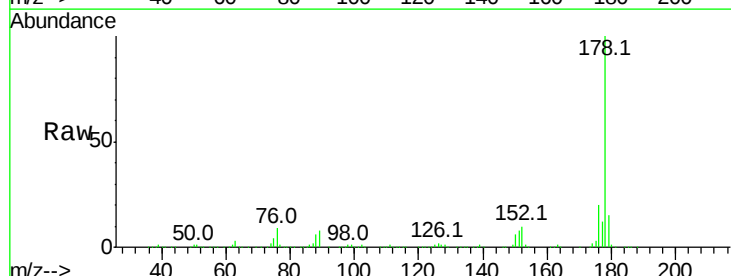


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

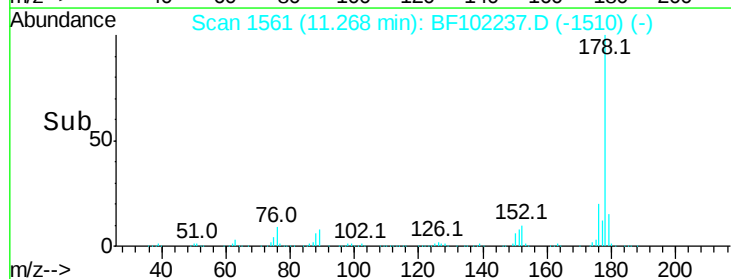
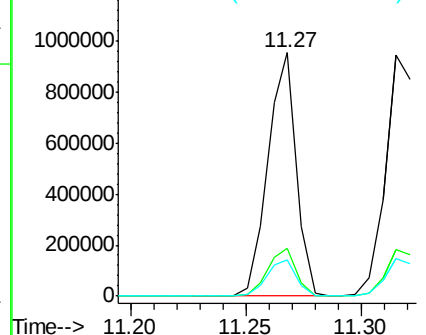


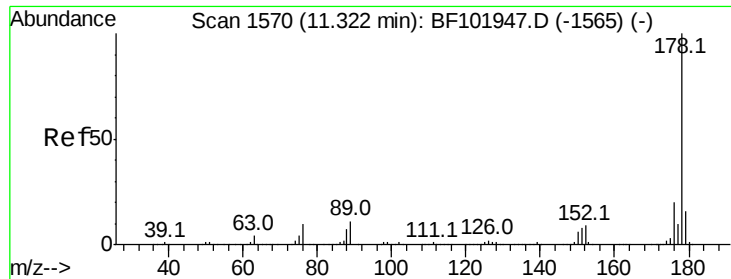
#70
 Phenanthrene
 Concen: 31.976 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.1	13.0	19.6



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

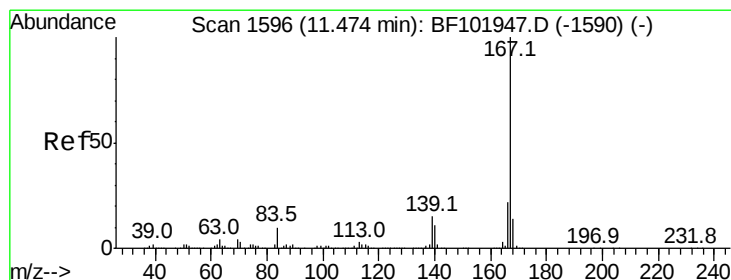
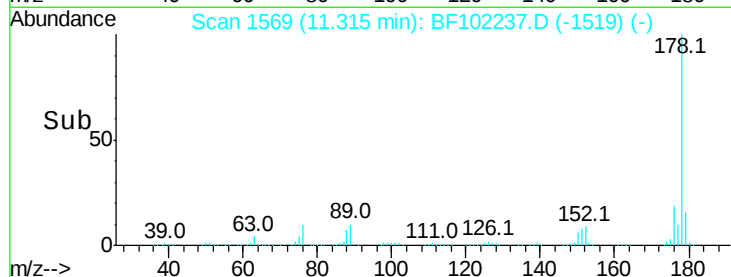
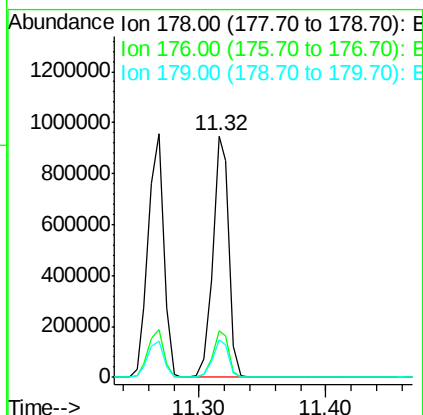
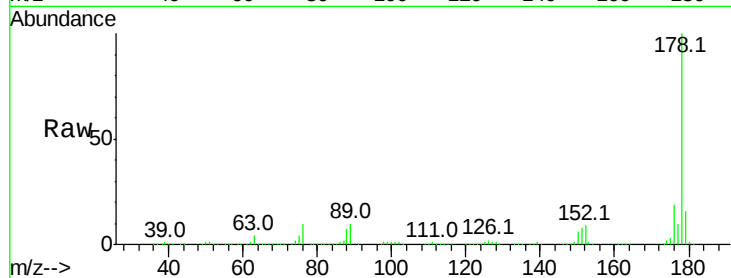




#71
 Anthracene
 Concen: 32.582 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

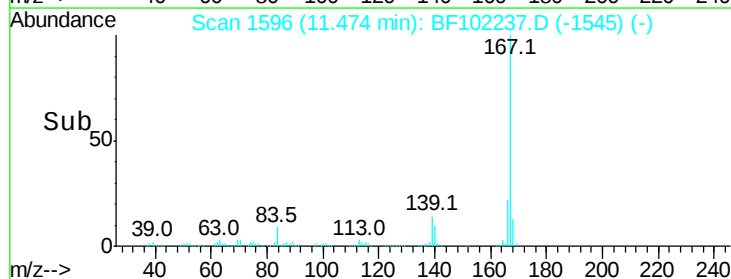
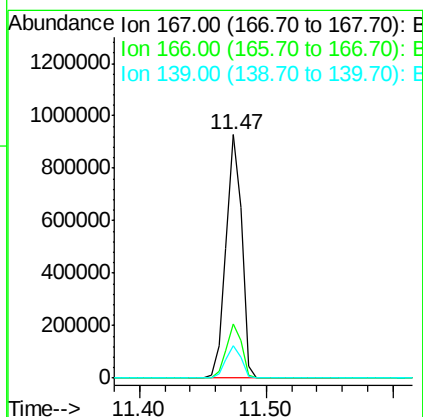
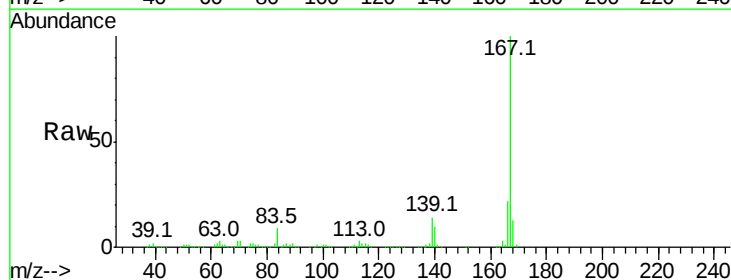
Instrument :
 BNA_F
 ClientSampleId :

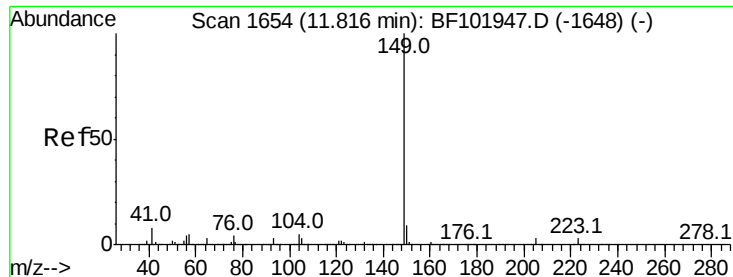
Tot Ion:178 Resp: 844020
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 31.390 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion:167 Resp: 799253
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.6 10.9 16.3

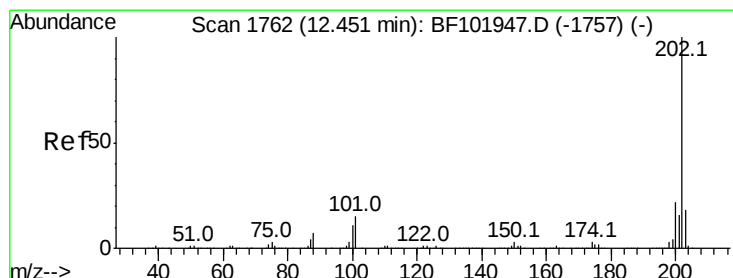
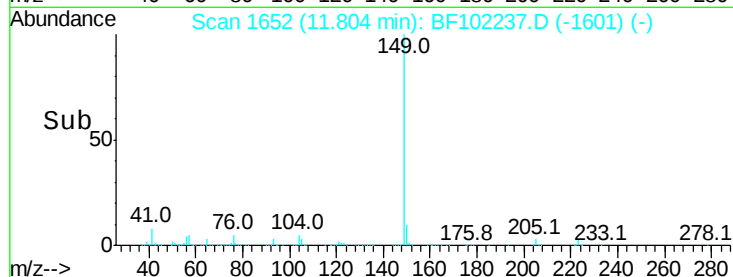
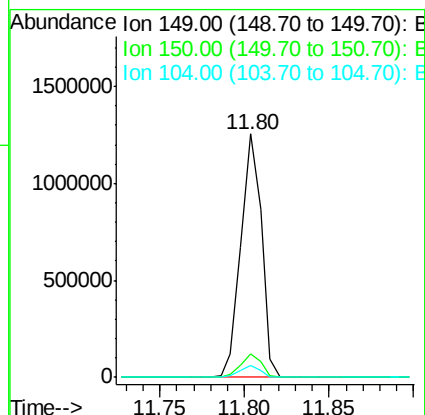
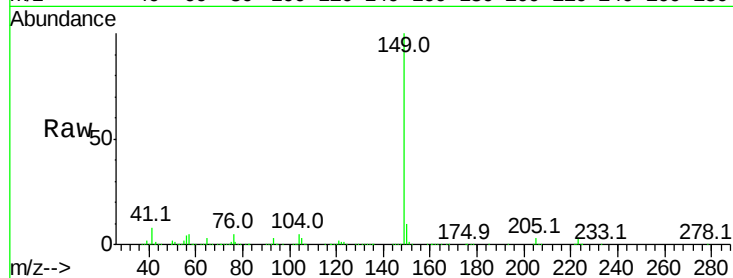




#73
Di-n-butylphthalate
Concen: 34.098 ng
RT: 11.80 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

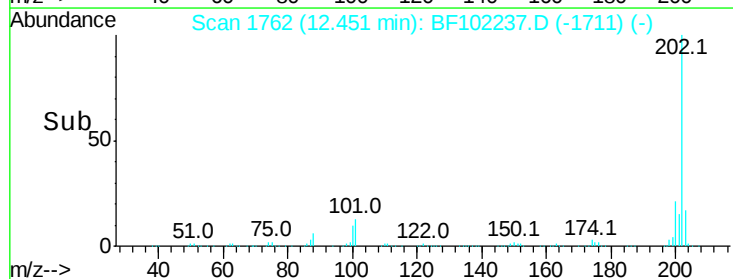
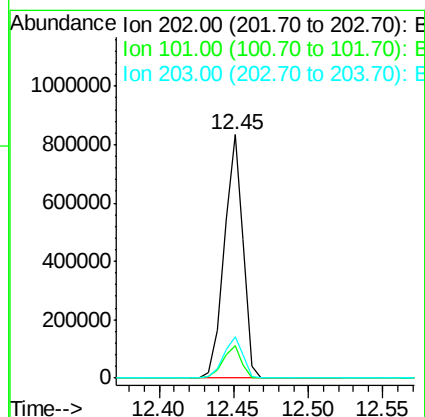
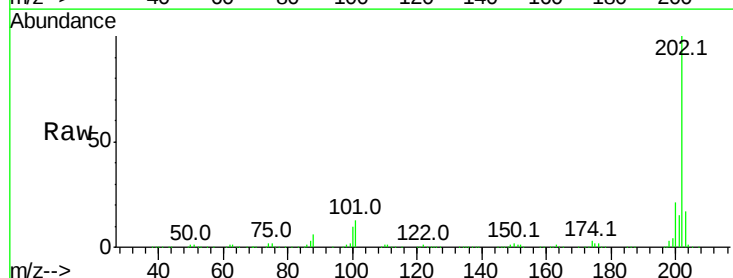
Instrument :
BNA_F
ClientSampleId :

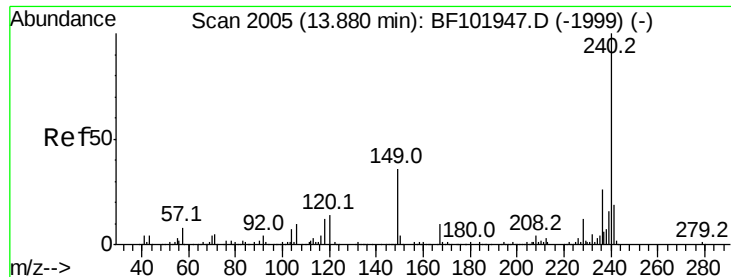
Tot Ion:149 Resp: 1065144
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 29.303 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion:202 Resp: 736386
Ion Ratio Lower Upper
202 100
101 13.3 0.0 34.1
203 17.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

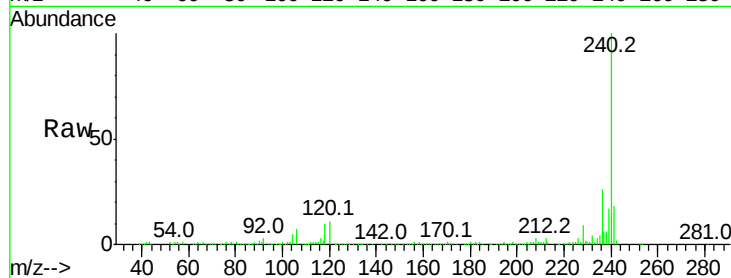
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 263277

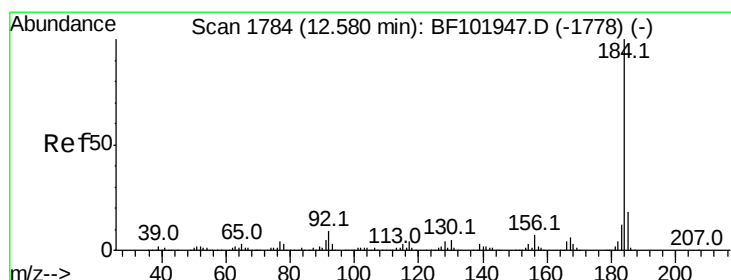
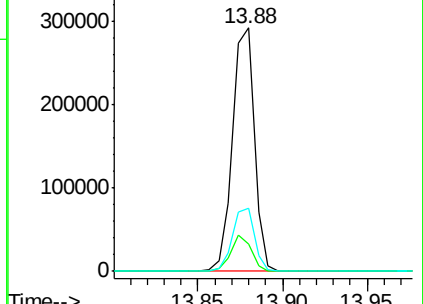
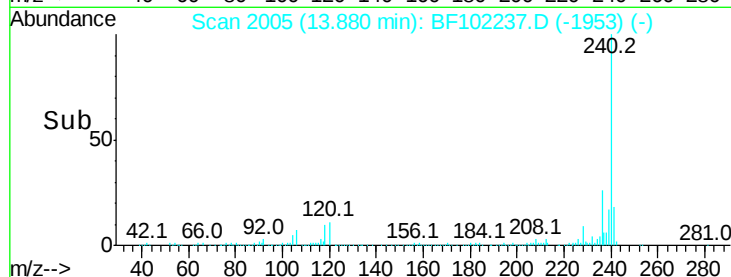
Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	25.9	20.7	31.1



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



#76

Benzidine

Concen: 32.377 ng

RT: 12.58 min Scan# 1784

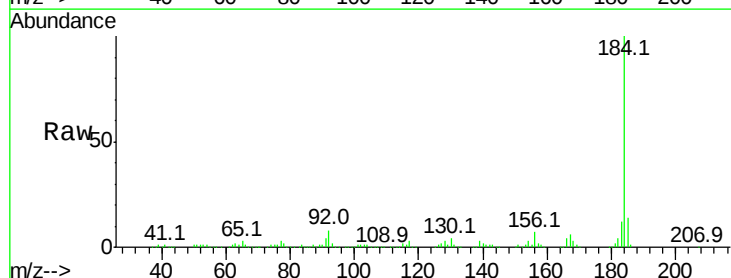
Delta R.T. 0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Tgt Ion:184 Resp: 411618

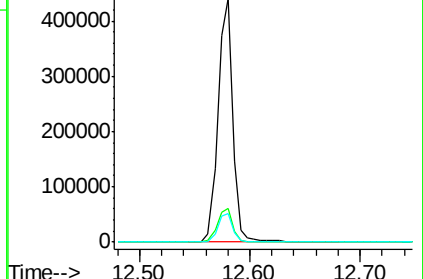
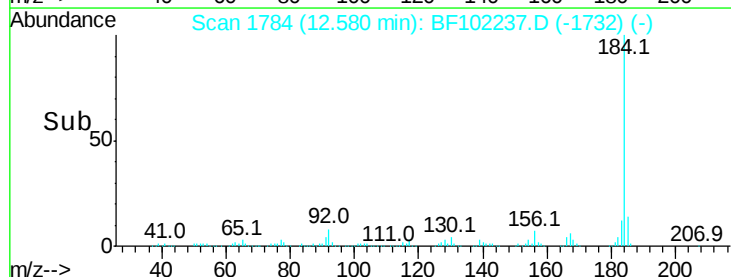
Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.6	18.8
183	12.0	9.3	13.9

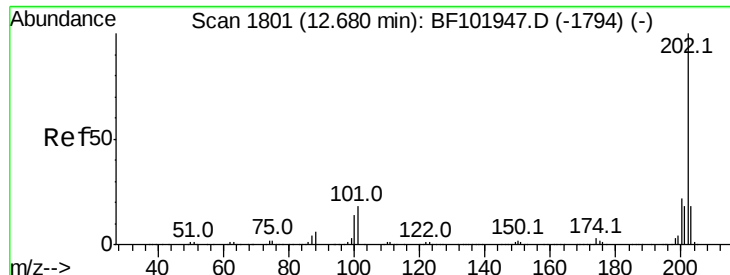


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

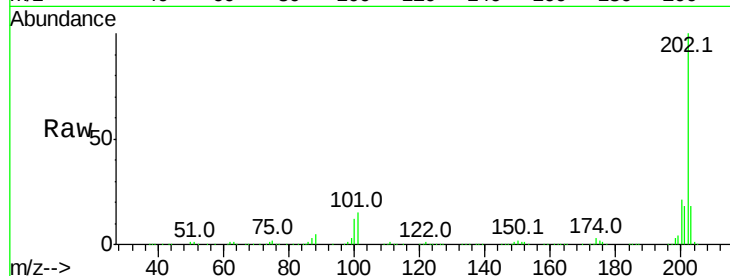




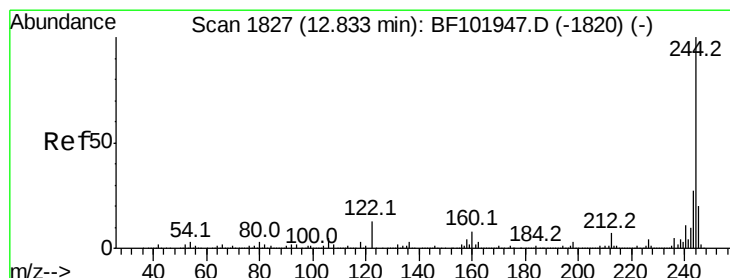
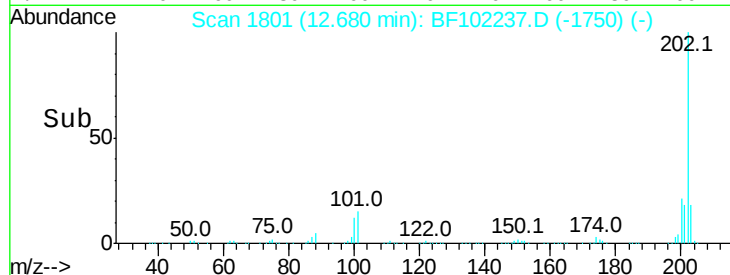
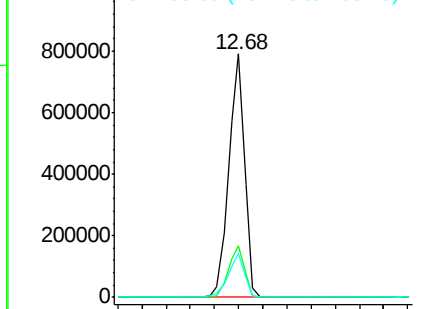
#77
Pvrene
Concen: 30.629 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 712808
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 18.0 14.3 21.5

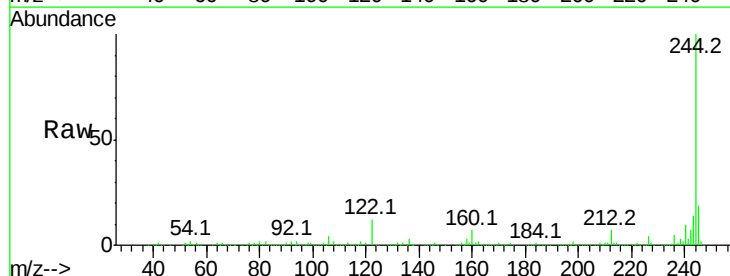


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

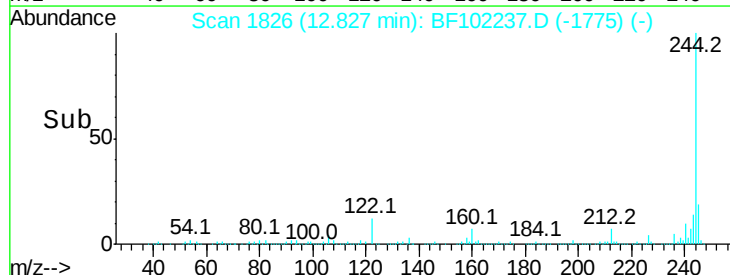
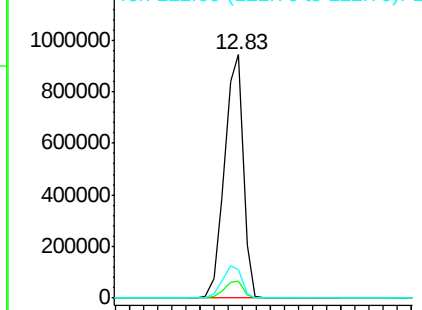


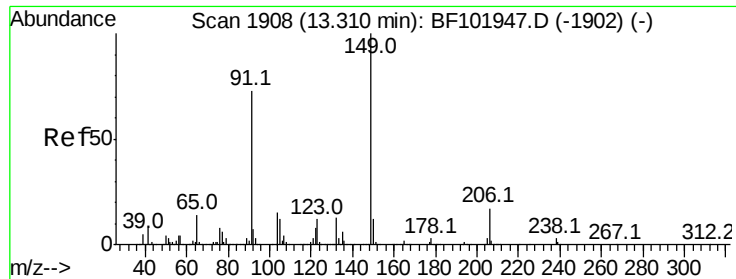
#78
Terphenyl-d14
Concen: 68.667 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion:244 Resp: 870721
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 11.8 11.0 16.4



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

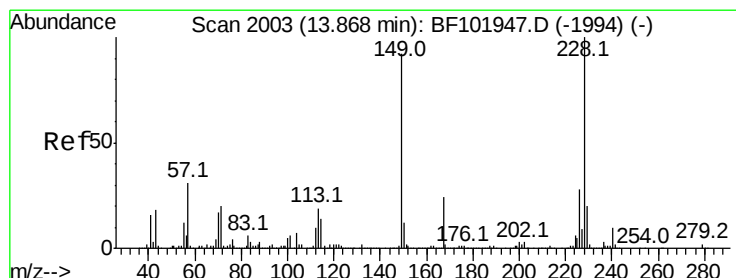
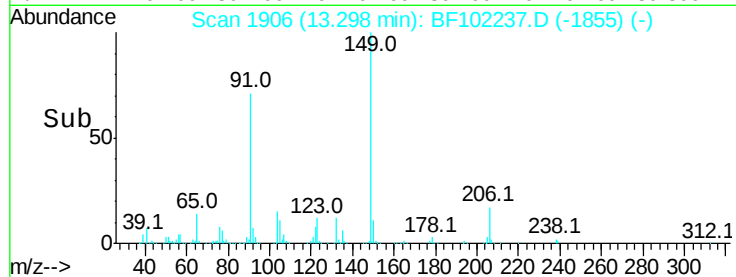
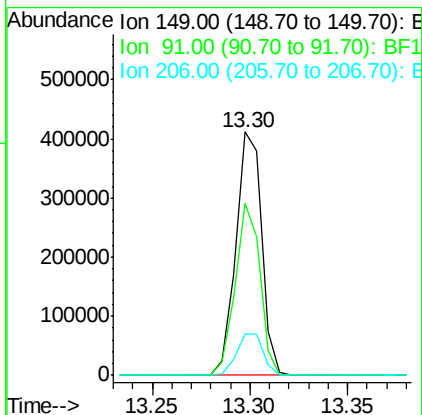
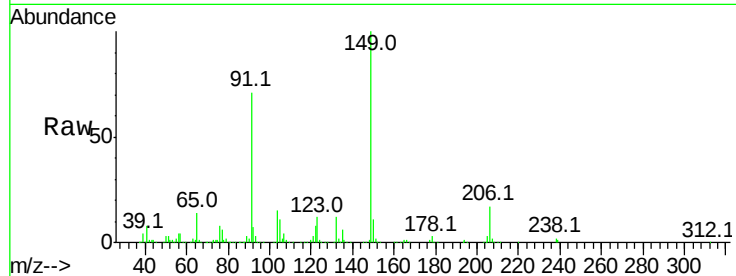




#79
Butylbenzylphthalate
Concen: 35.298 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

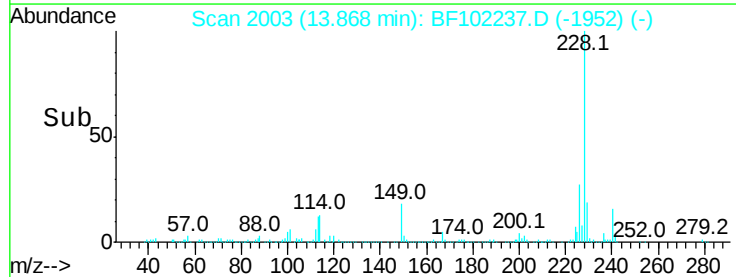
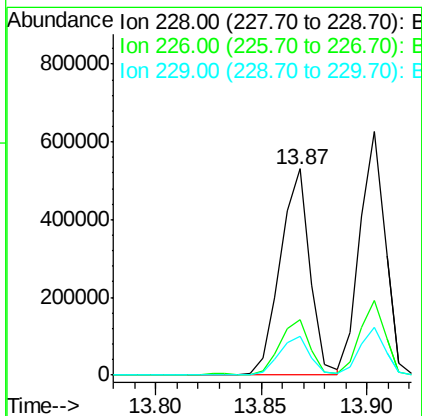
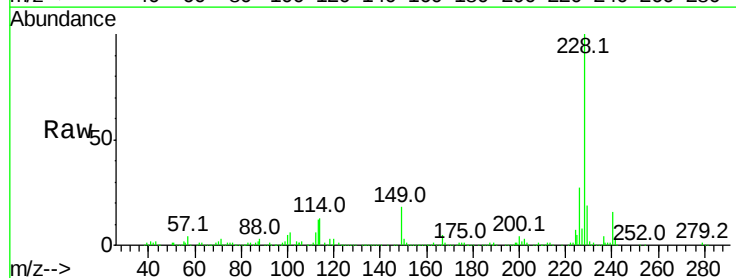
Instrument :
BNA_F
ClientSampleId :

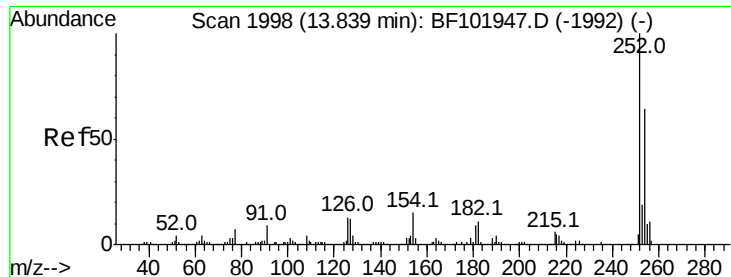
Tot Ion:149 Resp: 376989
Ion Ratio Lower Upper
149 100
91 70.8 56.8 85.2
206 16.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 31.122 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion:228 Resp: 522775
Ion Ratio Lower Upper
228 100
226 27.0 22.6 33.8
229 18.9 15.8 23.6

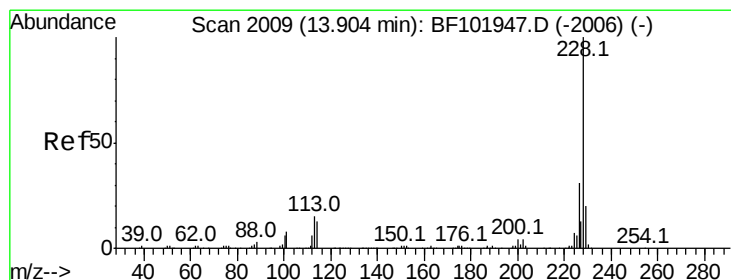
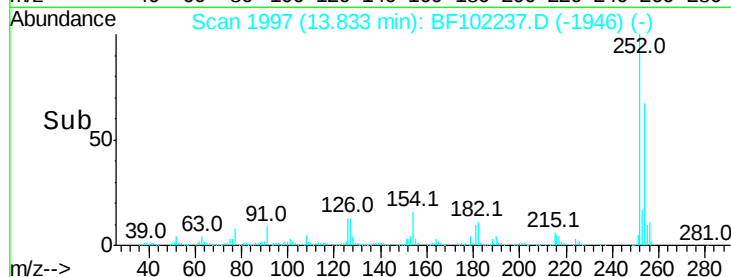
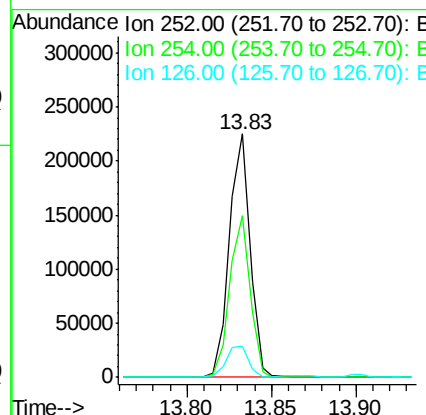
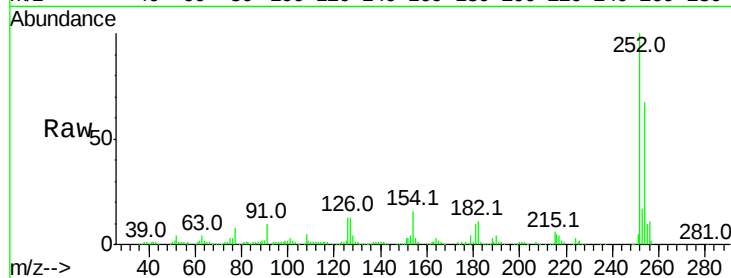




#81
 3,3'-Dichlorobenzidine
 Concen: 31.006 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

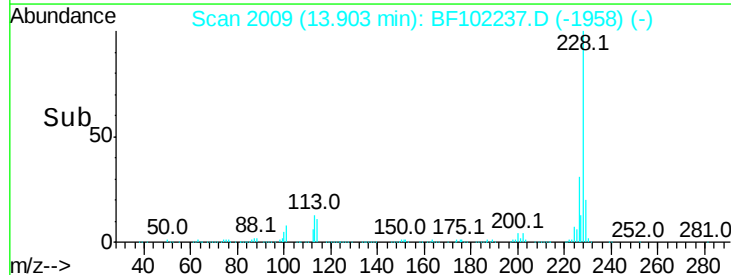
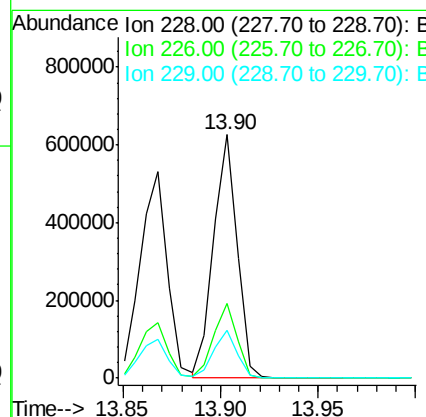
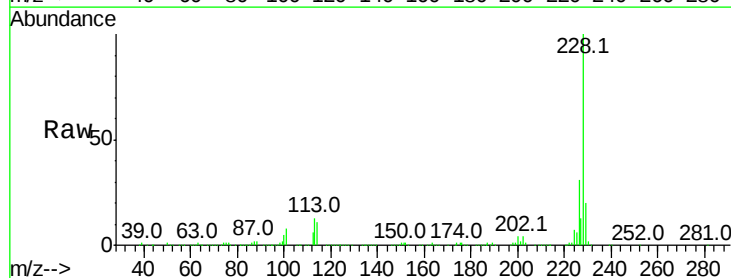
Instrument :
 BNA_F
 ClientSampleId :

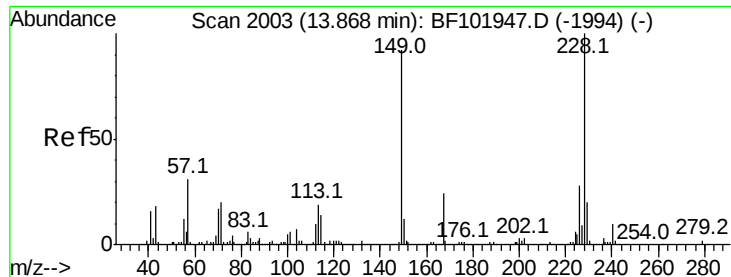
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.5	50.4	75.6
126	12.9	11.3	16.9



#82
 Chrysene
 Concen: 30.026 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.9	16.2	24.4

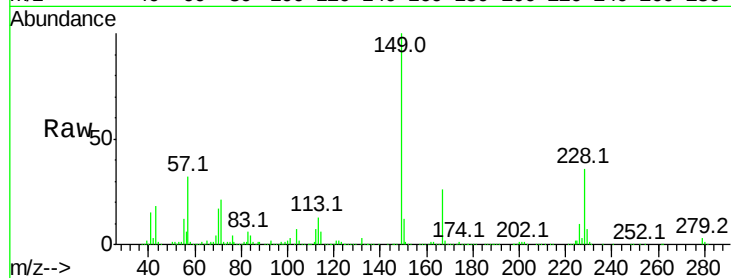




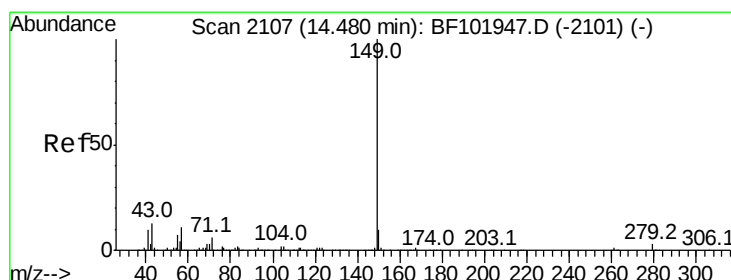
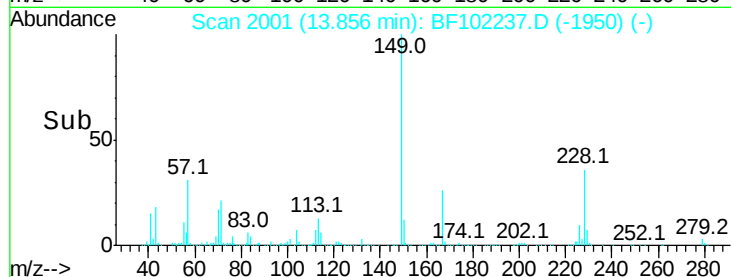
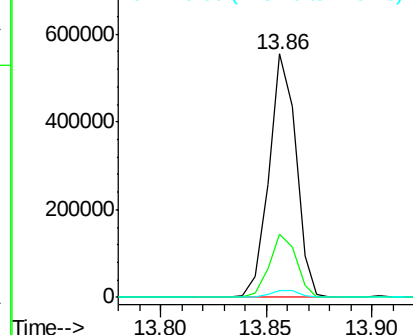
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.466 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 495775
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.3 31.9
 279 2.8 3.0 4.4#

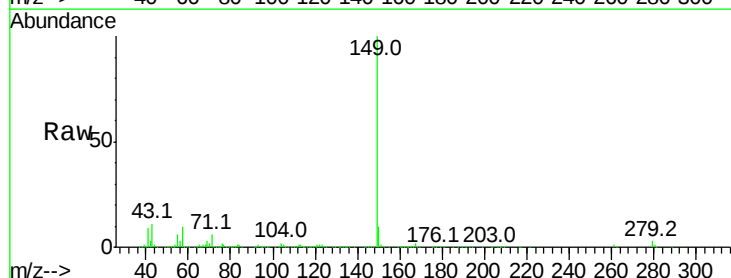


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

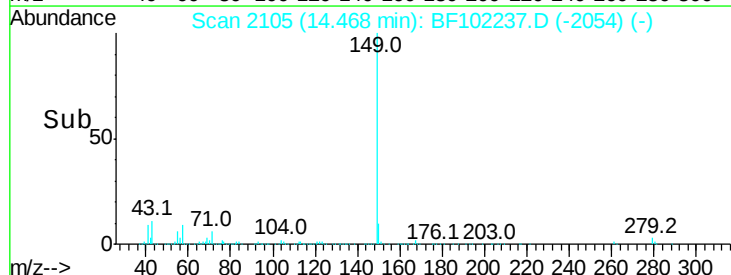
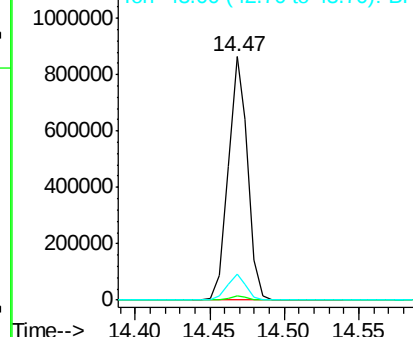


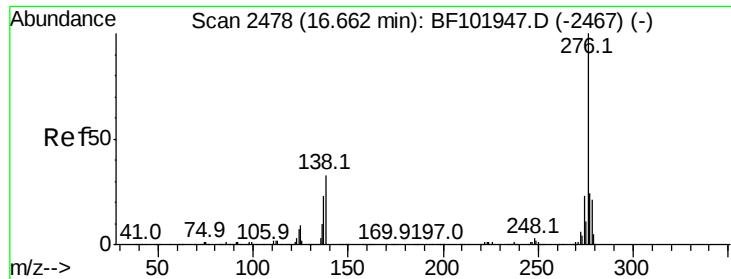
#84
 Di-n-octyl phthalate
 Concen: 38.886 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion:149 Resp: 790590
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.1 8.4 12.6



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

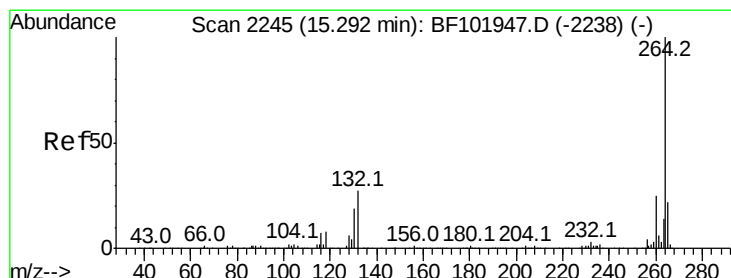
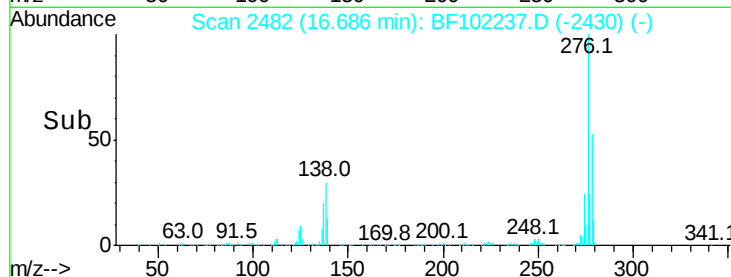
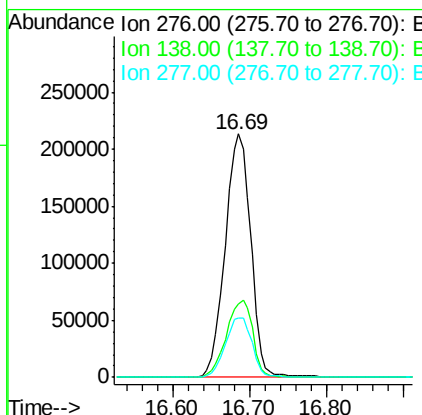
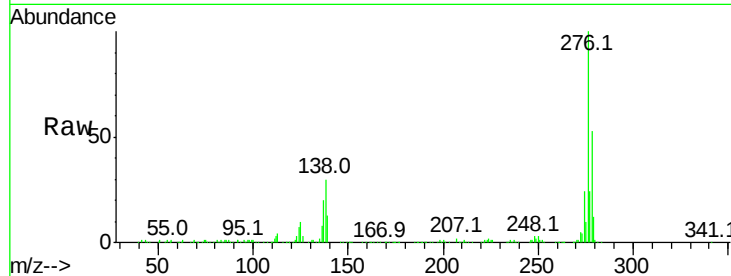




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.913 ng
 RT: 16.69 min Scan# 2482
 Delta R.T. 0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

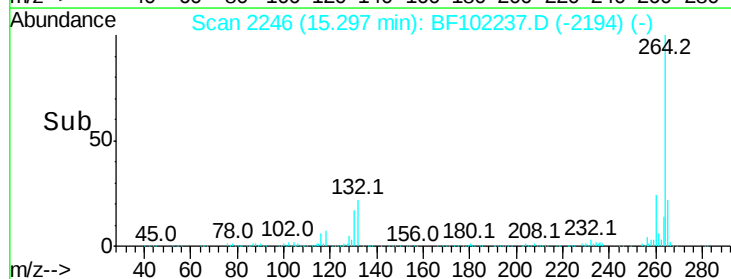
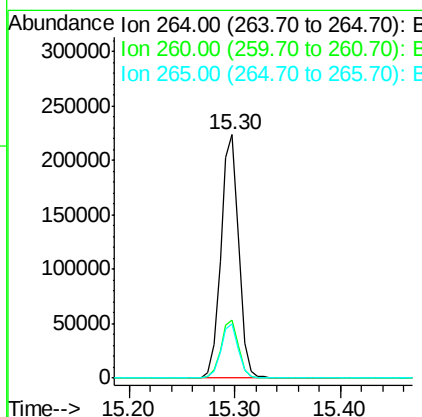
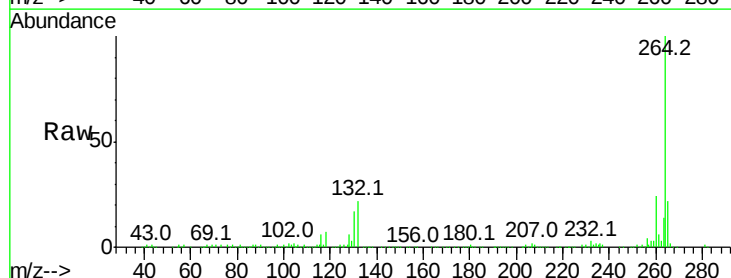
Instrument :
 BNA_F
 ClientSampled :

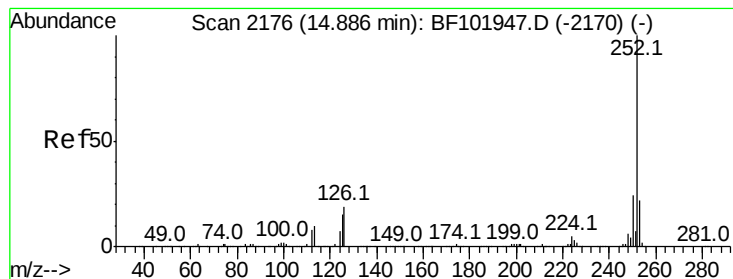
Tot Ion:276 Resp: 496074
 Ion Ratio Lower Upper
 276 100
 138 32.5 25.0 37.6
 277 25.5 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102237.D
 Acq: 20 Jan 2018 00:38

Tgt Ion:264 Resp: 263032
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.4 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 30.836 ng

RT: 14.89 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

ClientSampleId :

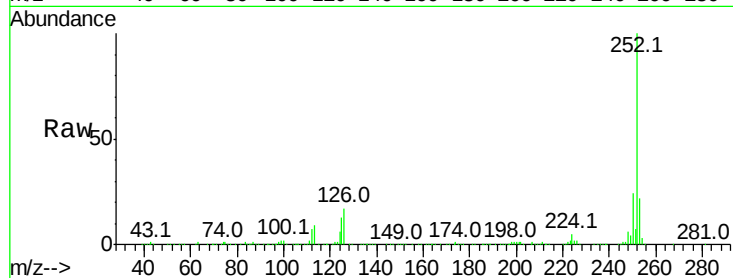
Tot Ion:252 Resp: 528848

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

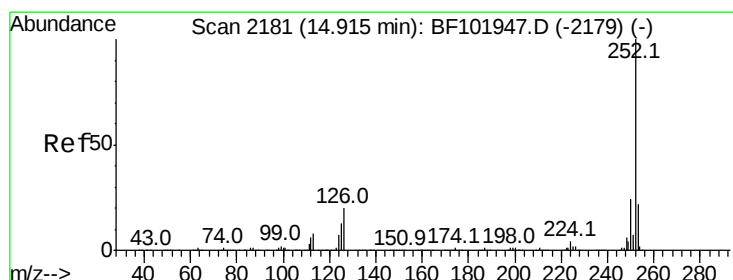
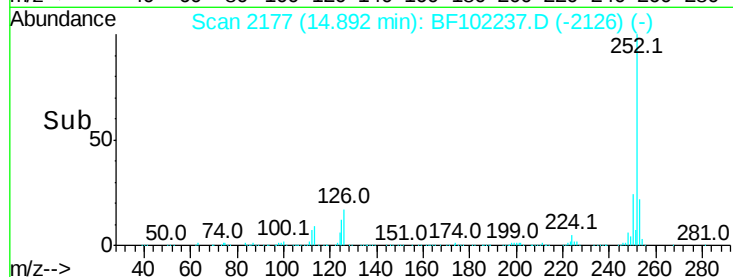
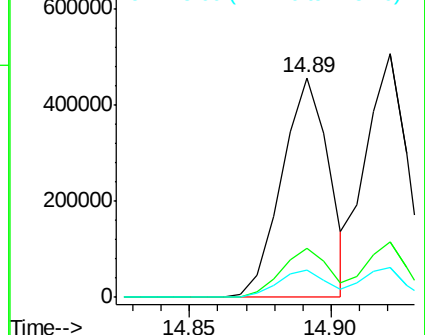
125 12.5 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 30.654 ng

RT: 14.92 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

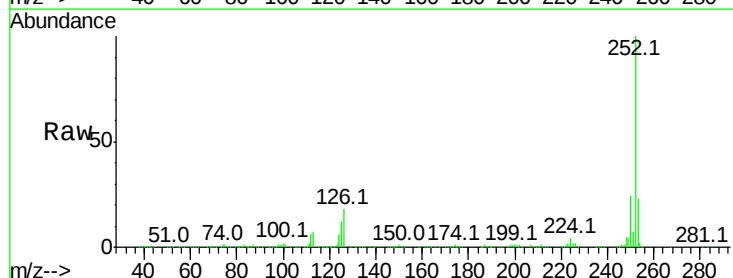
Tgt Ion:252 Resp: 507160

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

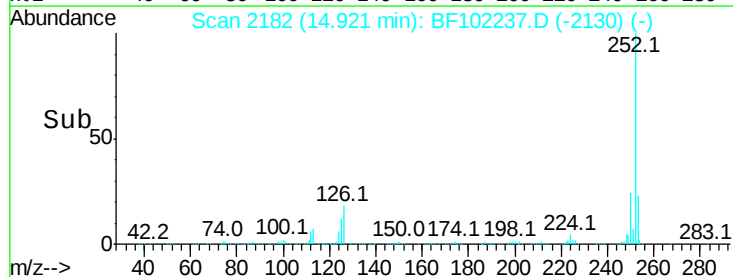
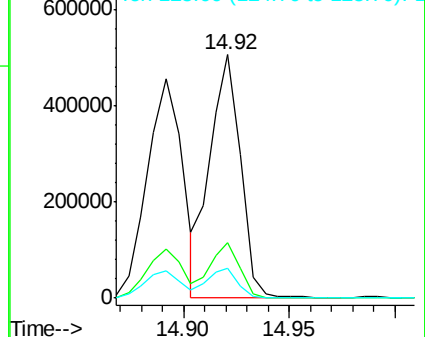
125 12.4 10.2 15.2

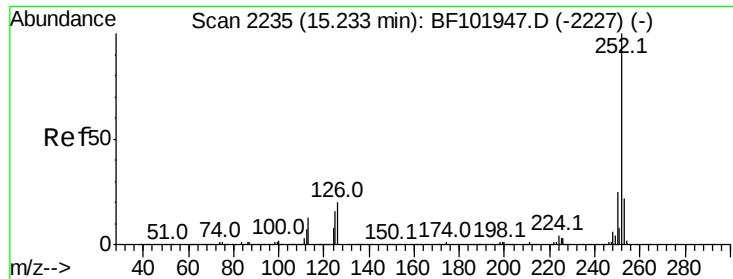


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

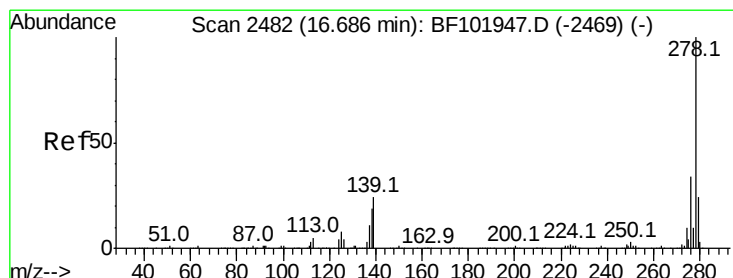
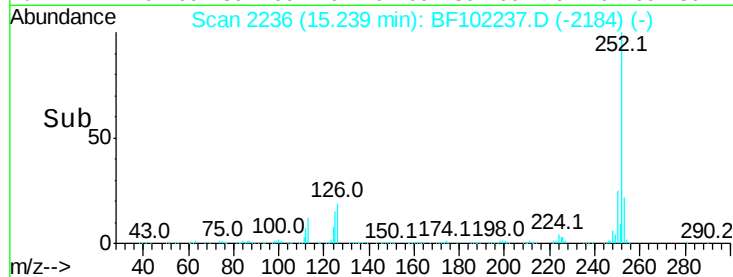
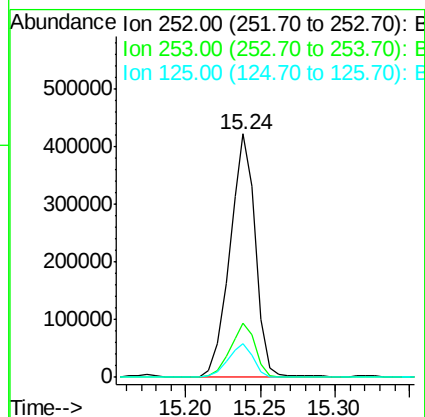
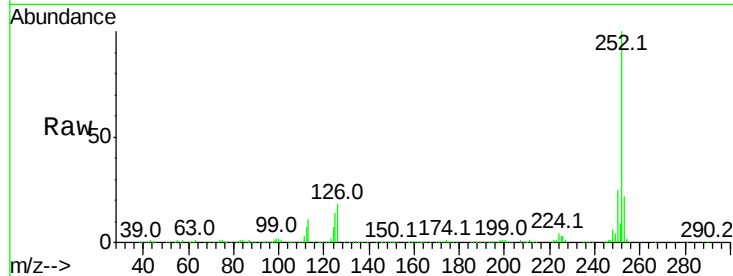




#89
Benzo(a)pyrene
Concen: 32.796 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

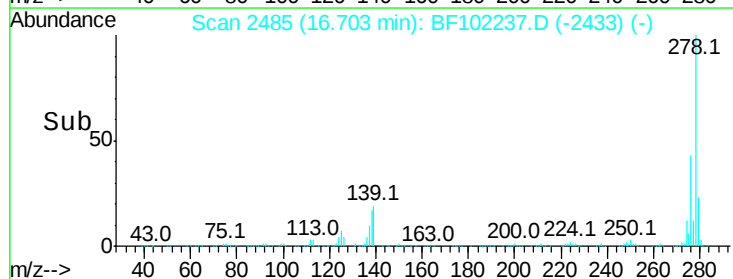
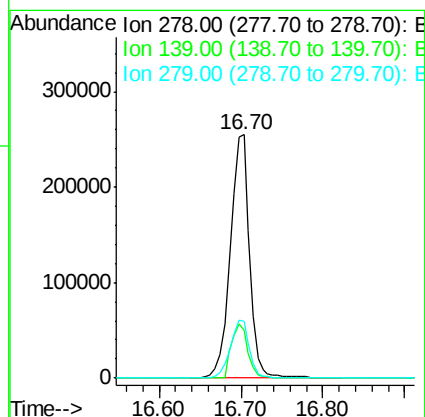
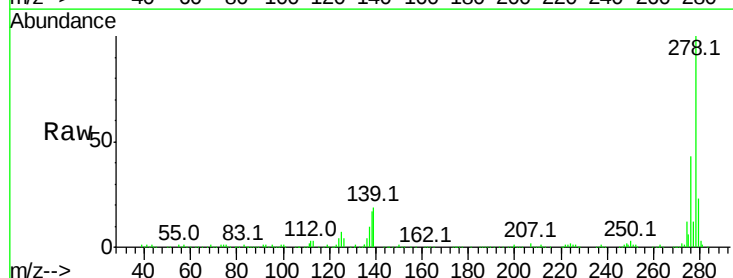
Instrument :
BNA_F
ClientSampleId :

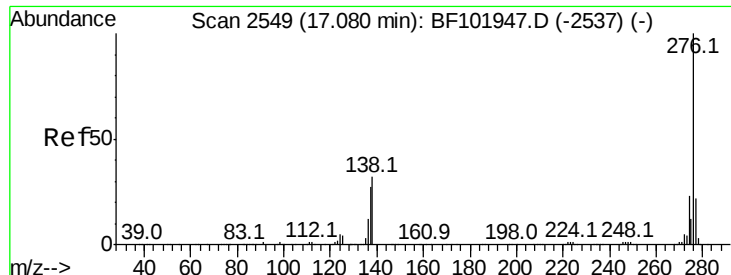
Tot Ion:252 Resp: 506152
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 14.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 34.080 ng
RT: 16.70 min Scan# 2485
Delta R.T. 0.01 min
Lab File: BF102237.D
Acq: 20 Jan 2018 00:38

Tgt Ion:278 Resp: 419730
Ion Ratio Lower Upper
278 100
139 19.5 15.9 23.9
279 23.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 32.017 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.01 min

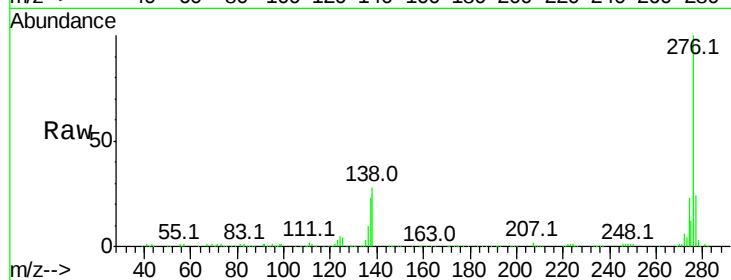
Lab File: BF102237.D

Acq: 20 Jan 2018 00:38

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	276	Resp:	397216
Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	28.1	21.8	32.8

