

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103662.D
 Acq On : 15 Mar 2018 1:51
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 03:08:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	112782	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	471075	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	205310	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	337022	20.00	ng	0.00
75) Chrysene-d12	14.06	240	195361	20.00	ng	0.00
86) Perylene-d12	15.58	264	184382	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	543331	72.86	ng	0.00
7) Phenol-d6	6.50	99	721299	79.05	ng	0.00
23) Nitrobenzene-d5	7.43	82	699881	84.85	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	122830	70.68	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1038891	87.85	ng	0.00
78) Terphenyl-d14	12.98	244	728563	89.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	140448	35.660	ng	94
3) Pyridine	3.41	79	242390	23.053	ng	97
4) n-Nitrosodimethylamine	3.39	42	72060	16.993	ng	# 83
6) Aniline	6.53	93	454026	34.477	ng	# 74
8) 2-Chlorophenol	6.65	128	316115	40.807	ng	92
9) Benzaldehyde	6.43	77	201327	35.005	ng	98
10) Phenol	6.52	94	455514	43.002	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	379298	47.178	ng	96
12) 1,3-Dichlorobenzene	6.80	146	351827	39.743	ng	97
13) 1,4-Dichlorobenzene	6.87	146	391256	44.083	ng	99
14) 1,2-Dichlorobenzene	7.03	146	340714	41.632	ng	99
15) Benzyl Alcohol	7.02	79	240285	34.946	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.12	45	535582	38.794	ng	57
17) 2-Methylphenol	7.13	107	266400	37.842	ng	# 75
18) Hexachloroethane	7.36	117	112570	34.840	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	250161	44.051	ng	97
20) 3+4-Methylphenols	7.29	107	357365	41.644	ng	# 59
22) Acetophenone	7.27	105	499628	45.439	ng	# 92
24) Nitrobenzene	7.45	77	389621	42.901	ng	95
25) Isophorone	7.68	82	658971	40.562	ng	98
26) 2-Nitrophenol	7.77	139	158982	37.185	ng	95
27) 2,4-Dimethylphenol	7.80	122	252334	38.612	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	395768	41.434	ng	99
29) 2,4-Dichlorophenol	8.02	162	255269	40.799	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	268508	40.299	ng	98
31) Naphthalene	8.16	128	988201	42.848	ng	100
32) Benzoic acid	7.95	122	113664	26.981	ng	96
33) 4-Chloroaniline	8.23	127	397467	39.938	ng	96
34) Hexachlorobutadiene	8.26	225	133327	38.427	ng	98
35) Caprolactam	8.60	113	75634	34.395	ng	# 83
36) 4-Chloro-3-methylphenol	8.71	107	289108	40.967	ng	97
37) 2-Methylnaphthalene	8.85	142	604848	40.580	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	238629	42.515	ng	99
40) Hexachlorocyclopentadiene	8.99	237	4709	10.998	ng	93

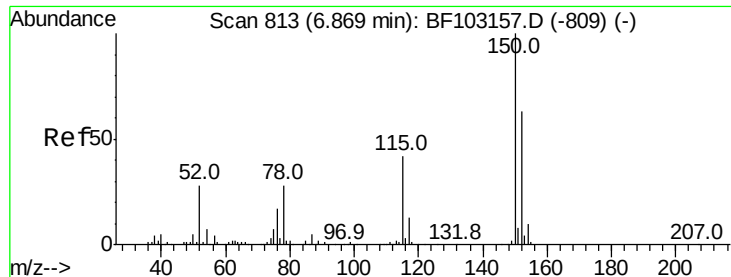
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103662.D
 Acq On : 15 Mar 2018 1:51
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 03:08:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	146989	38.920	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	149662	34.455	ng	94
45) 1,1'-Biphenyl	9.32	154	727946	42.313	ng	99
46) 2-Chloronaphthalene	9.35	162	564683	41.488	ng	99
47) 2-Nitroaniline	9.46	65	232177	46.052	ng	87
48) Acenaphthylene	9.76	152	839347	40.081	ng	99
49) Dimethylphthalate	9.62	163	658678	39.992	ng	100
50) 2,6-Dinitrotoluene	9.69	165	132813	38.426	ng	# 72
51) Acenaphthene	9.93	154	487979	39.962	ng	98
52) 3-Nitroaniline	9.88	138	183928	41.943	ng	98
53) 2,4-Dinitrophenol	10.06	184	13270	18.972	ng	# 1
54) Dibenzofuran	10.11	168	690020	41.164	ng	91
55) 4-Nitrophenol	10.07	139	81504	29.989	ng	89
56) 2,4-Dinitrotoluene	10.12	165	166050	37.986	ng	# 73
57) Fluorene	10.45	166	556913	39.000	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	107434	36.818	ng	97
59) Diethylphthalate	10.31	149	647192	41.085	ng	100
60) 4-Chlorophenyl-phenylether	10.43	204	256599	42.375	ng	96
61) 4-Nitroaniline	10.50	138	174116	39.753	ng	99
62) Azobenzene	10.60	77	689875	43.025	ng	94
64) 4,6-Dinitro-2-methylphenol	10.54	198	19880	13.641	ng	# 65
65) n-Nitrosodiphenylamine	10.56	169	499329	42.552	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	138517	39.455	ng	97
67) Hexachlorobenzene	11.00	284	144436	37.904	ng	97
68) Atrazine	11.09	200	119127	33.775	ng	98
69) Pentachlorophenol	11.21	266	77064	41.826	ng	97
70) Phenanthrene	11.42	178	698560	37.664	ng	99
71) Anthracene	11.47	178	790822	41.580	ng	99
72) Carbazole	11.64	167	770721	40.693	ng	99
73) Di-n-butylphthalate	11.94	149	1020639	43.066	ng	99
74) Fluoranthene	12.62	202	662931	35.569	ng	99
76) Benzidine	12.75	184	341969	46.822	ng	98
77) Pyrene	12.85	202	648075	42.548	ng	99
79) Butylbenzylphthalate	13.44	149	381976	47.466	ng	95
80) Benzo(a)anthracene	14.04	228	470713	37.135	ng	100
81) 3,3'-Dichlorobenzidine	14.01	252	196435	43.423	ng	99
82) Chrysene	14.09	228	517171	42.020	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	506676	46.656	ng	# 99
84) Di-n-octyl phthalate	14.63	149	788151	44.919	ng	97
85) Indeno(1,2,3-cd)pyrene	17.13	276	413825	42.470	ng	98
87) Benzo(b)fluoranthene	15.13	252	422854	34.880	ng	97
88) Benzo(k)fluoranthene	15.16	252	475430	41.647	ng	100
89) Benzo(a)pyrene	15.52	252	420618	38.853	ng	98
90) Dibenzo(a,h)anthracene	17.13	278	357956	42.791	ng	98
91) Benzo(g,h,i)perylene	17.60	276	329961	40.359	ng	96

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

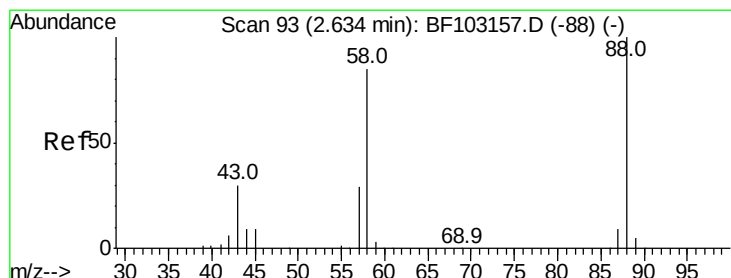
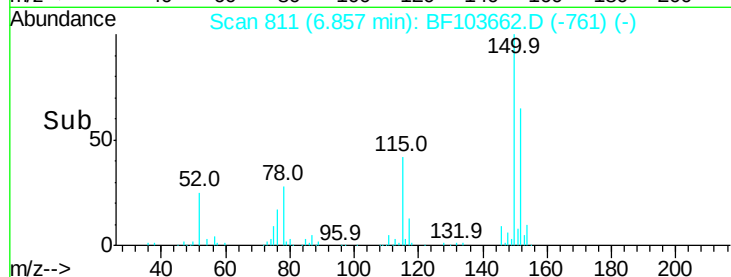
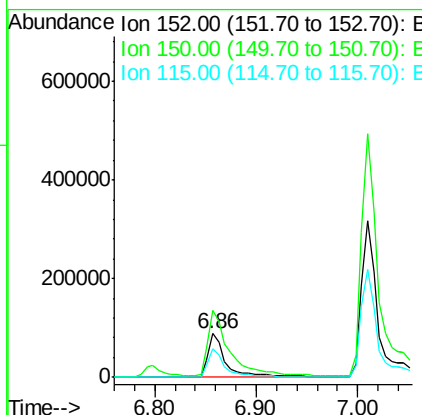
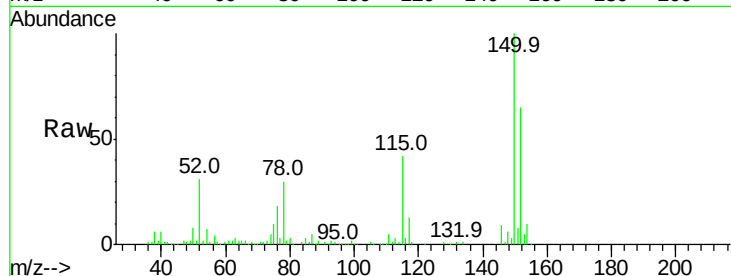


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103662.D
Acq: 15 Mar 2018 1:51

Instrument :
BNA_F
ClientSampleId :

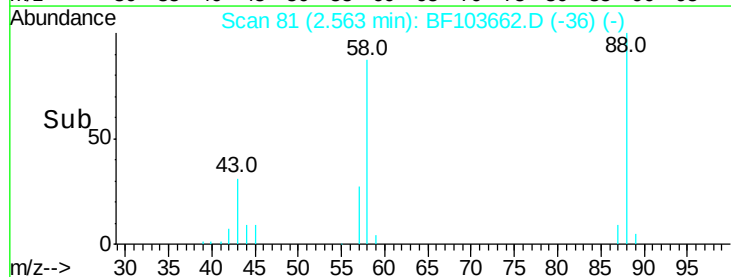
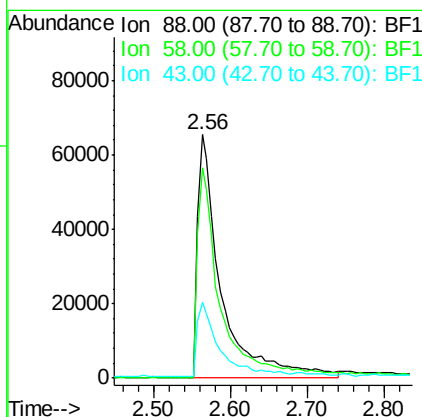
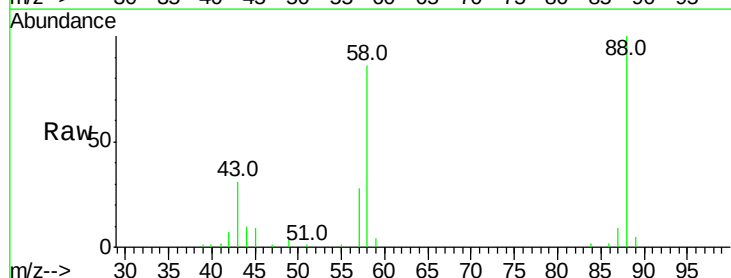
Tot Ion:152 Resp: 112782
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 65.1 50.1 75.1

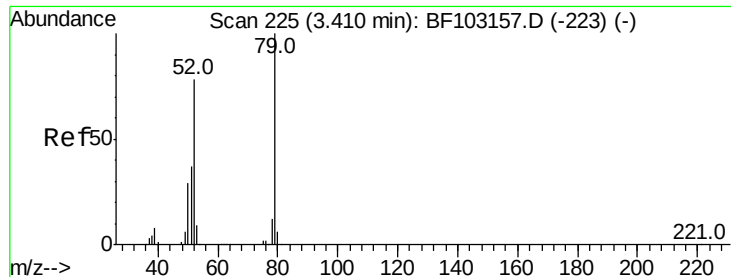


#2

1,4-Dioxane
Concen: 35.660 ng
RT: 2.56 min Scan# 81
Delta R.T. -0.04 min
Lab File: BF103662.D
Acq: 15 Mar 2018 1:51

Tgt Ion: 88 Resp: 140448
Ion Ratio Lower Upper
88 100
58 84.8 62.6 93.8
43 29.0 24.6 37.0





#3

Pvrindine

Concen: 23.053 ng

RT: 3.41 min Scan# 225

Delta R.T. -0.03 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampleId :

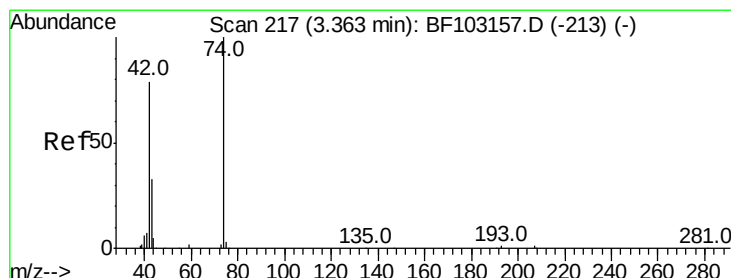
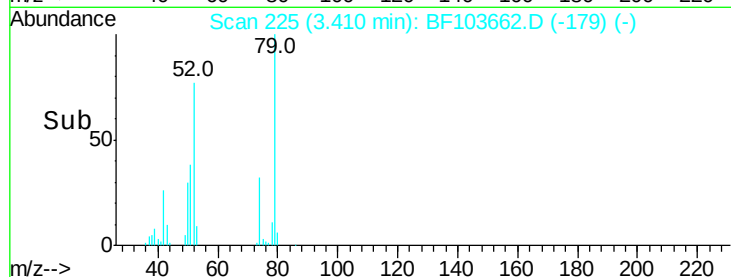
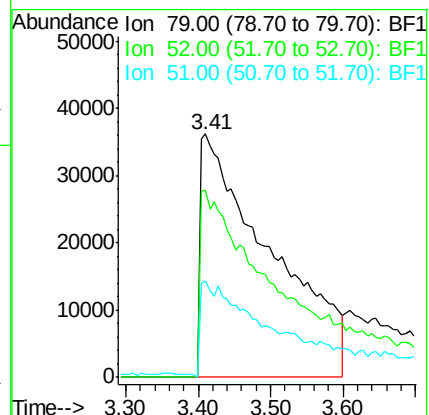
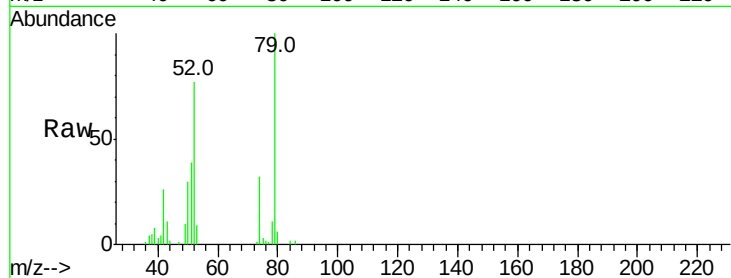
Tot Ion: 79 Resp: 242390

Ion Ratio Lower Upper

79 100

52 76.9 59.8 89.6

51 39.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 16.993 ng

RT: 3.39 min Scan# 222

Delta R.T. -0.02 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

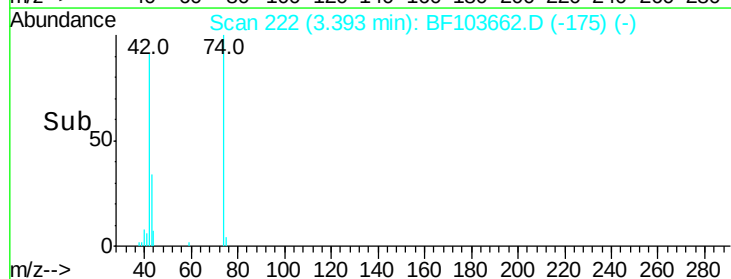
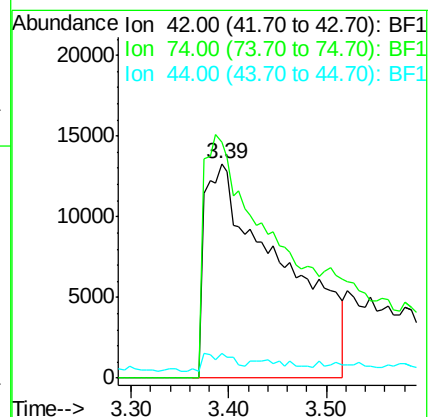
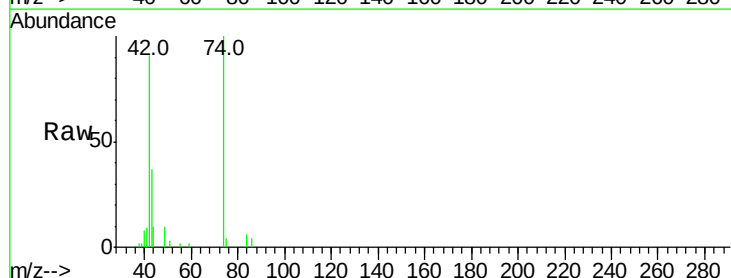
Tgt Ion: 42 Resp: 72060

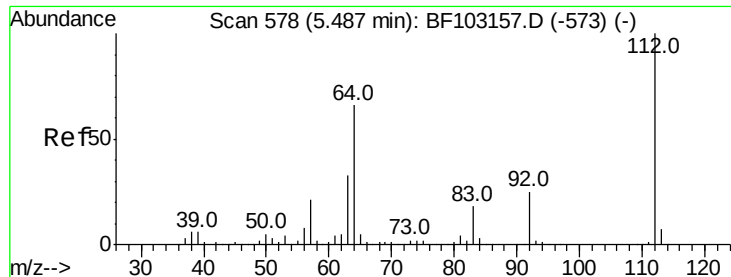
Ion Ratio Lower Upper

42 100

74 110.3 104.9 157.3

44 11.3 6.9 10.3#





#5

2-Fluorophenol

Concen: 72.862 ng

RT: 5.49 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF103662.D

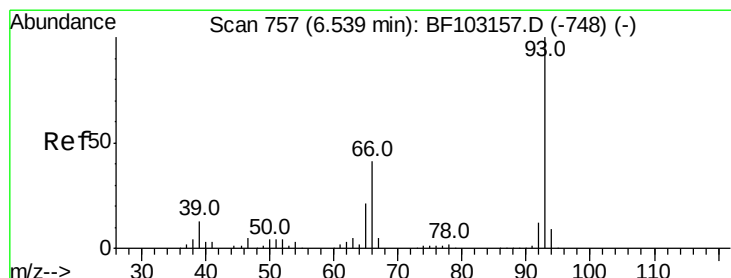
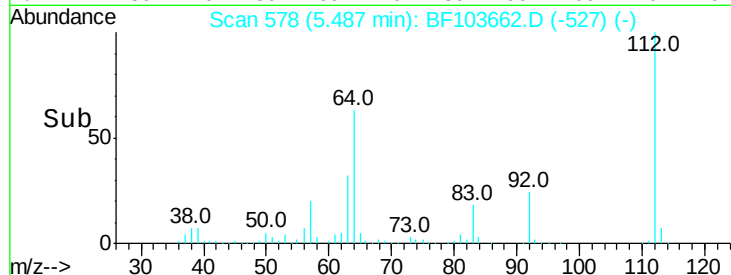
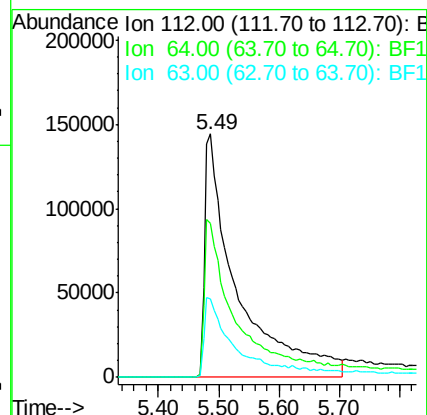
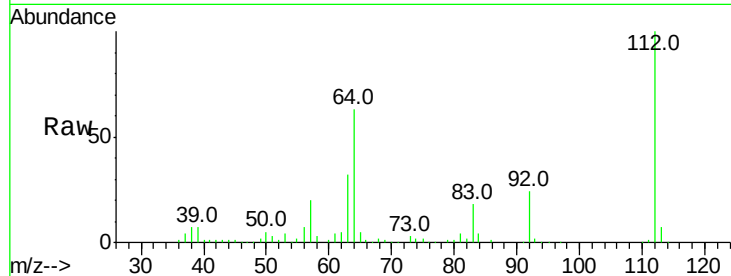
Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampled :

Tot Ion:	112	Resp:	543331
Ion	Ratio	Lower	Upper
112	100		
64	63.1	47.9	71.9
63	32.2	23.7	35.5



#6

Aniline

Concen: 34.477 ng

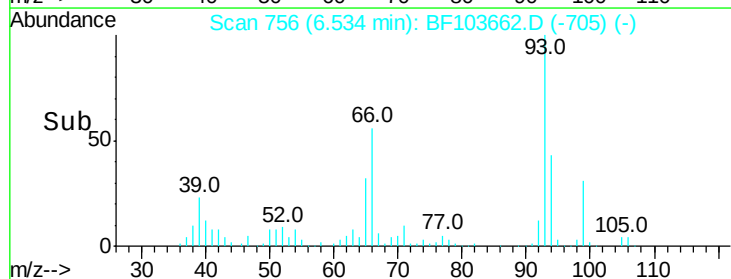
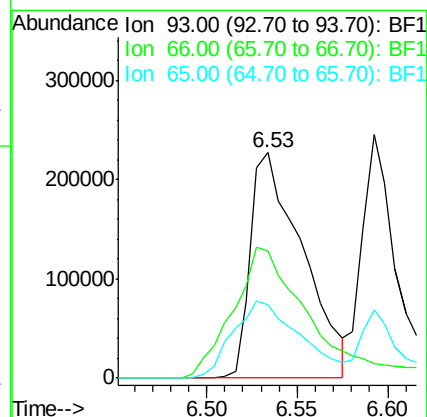
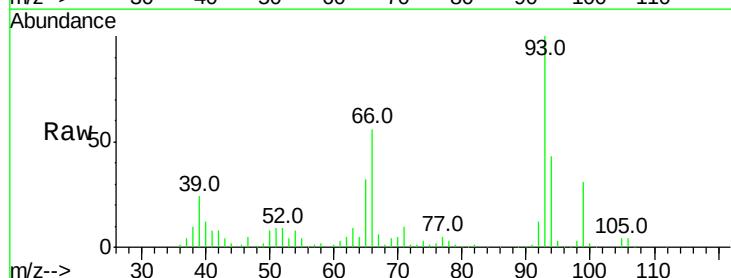
RT: 6.53 min Scan# 756

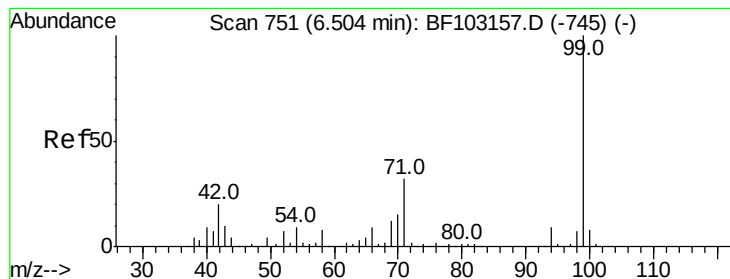
Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Tgt Ion:	93	Resp:	454026
Ion	Ratio	Lower	Upper
93	100		
66	56.4	32.2	48.2#
65	32.3	16.4	24.6#





#7

Phenol-d6

Concen: 79.048 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampled :

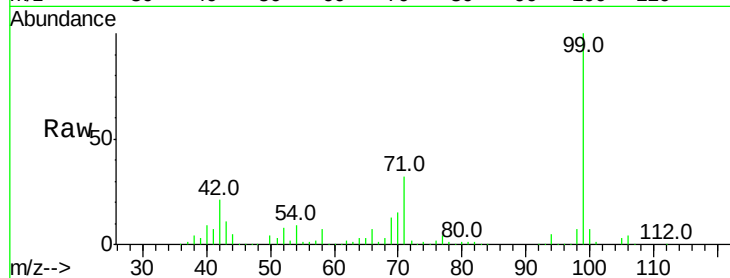
Tot Ion: 99 Resp: 721299

Ion Ratio Lower Upper

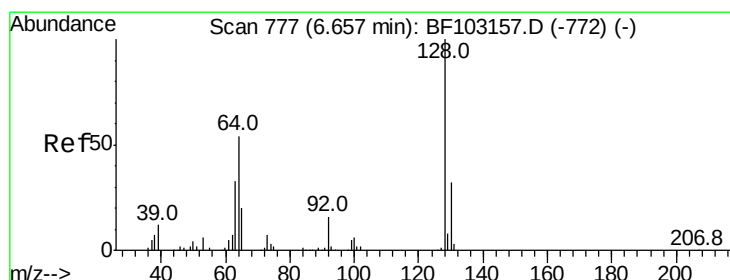
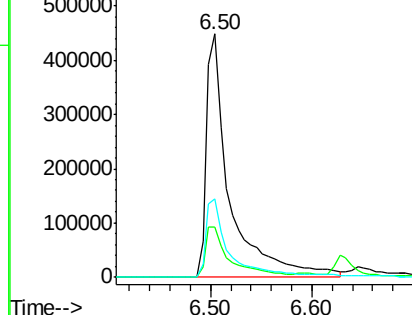
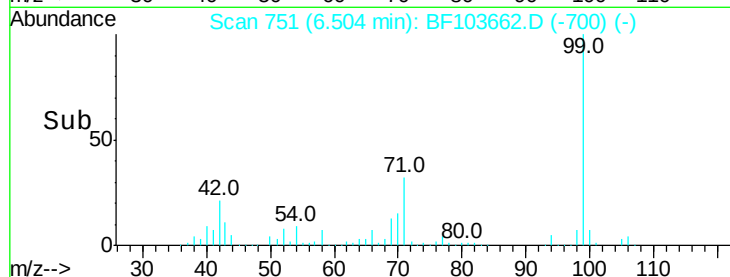
99 100

42 20.8 14.5 21.7

71 32.1 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: 40.807 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

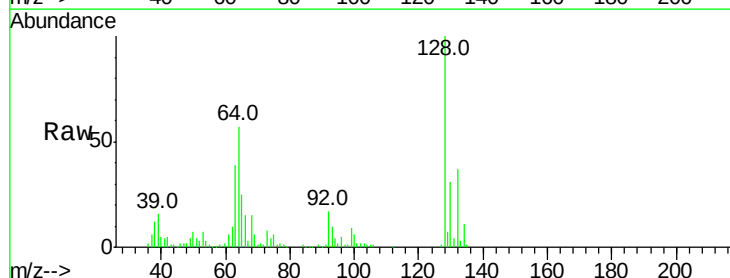
Tgt Ion: 128 Resp: 316115

Ion Ratio Lower Upper

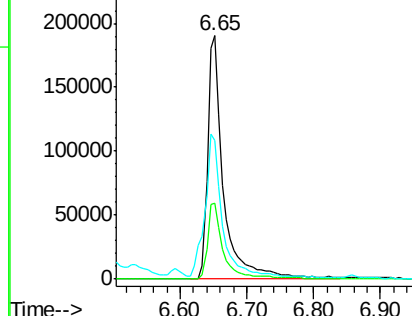
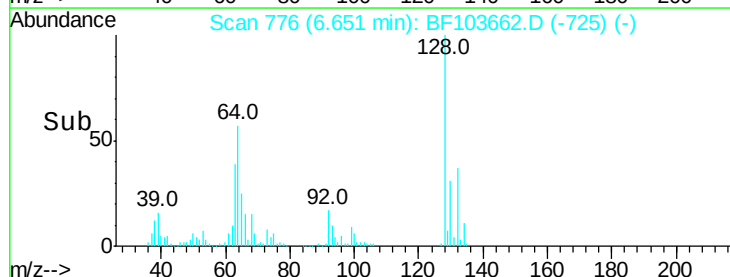
128 100

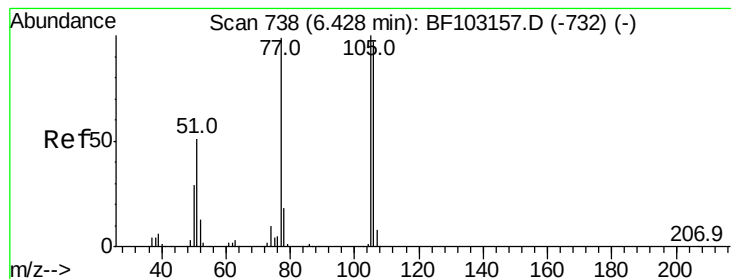
130 31.0 13.0 53.0

64 56.9 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: 35.005 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampleId :

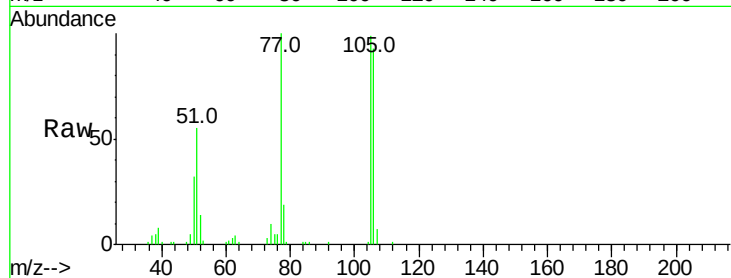
Tot Ion: 77 Resp: 201327

Ion Ratio Lower Upper

77 100

105 98.5 81.1 121.1

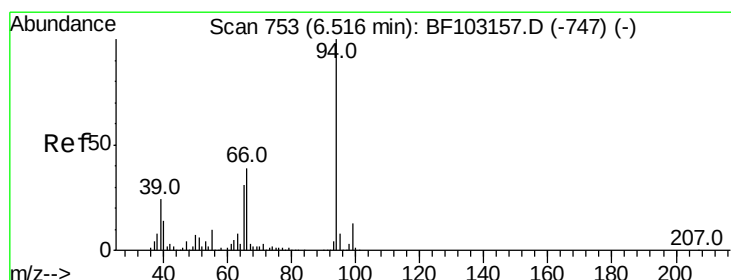
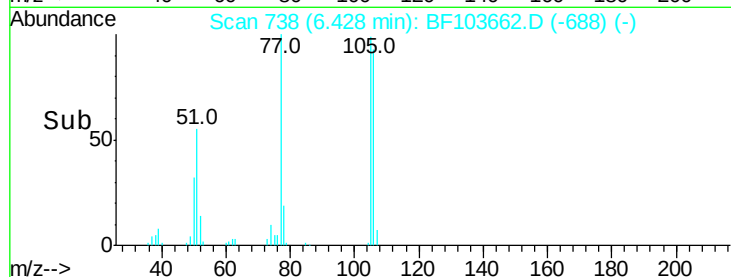
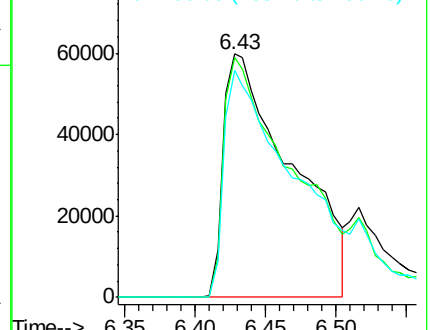
106 93.0 74.5 114.5



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: 43.002 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

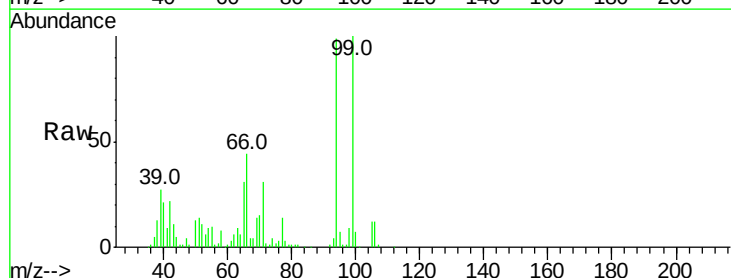
Tgt Ion: 94 Resp: 455514

Ion Ratio Lower Upper

94 100

65 31.3 7.9 47.9

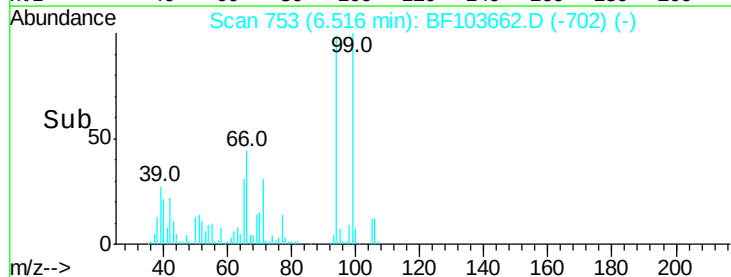
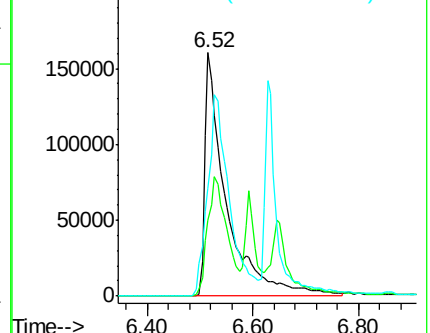
66 44.1 16.2 56.2

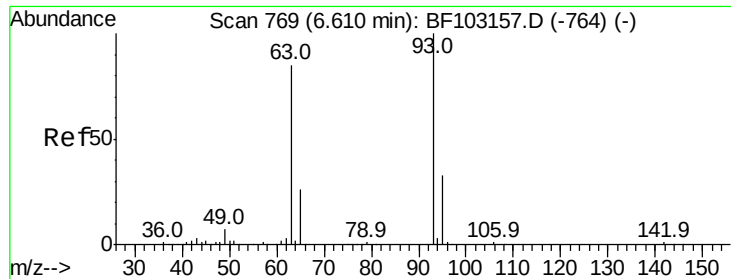


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

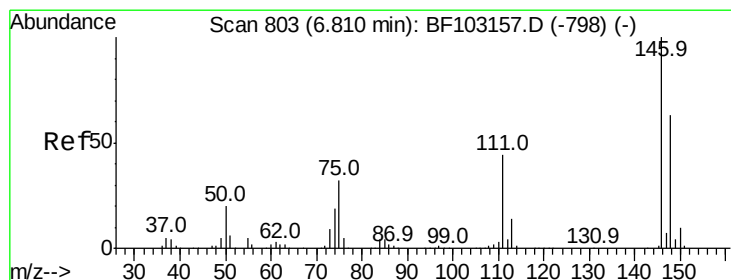
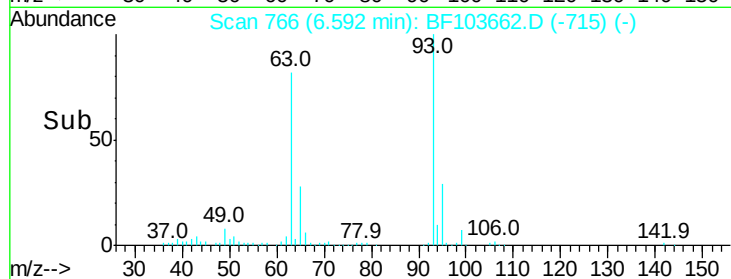
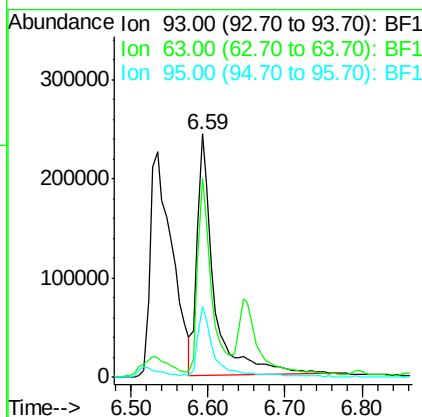
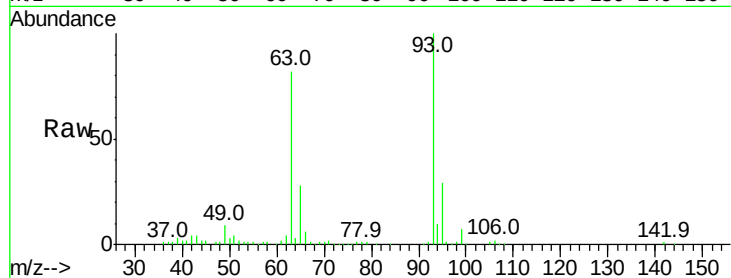




#11
 bis(2-Chloroethyl)ether
 Concen: 47.178 ng
 RT: 6.59 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

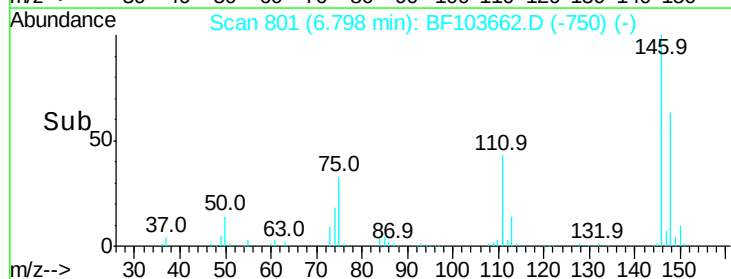
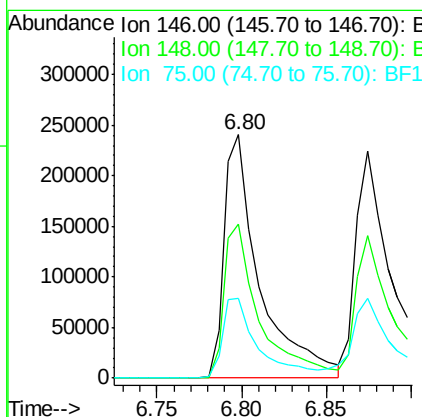
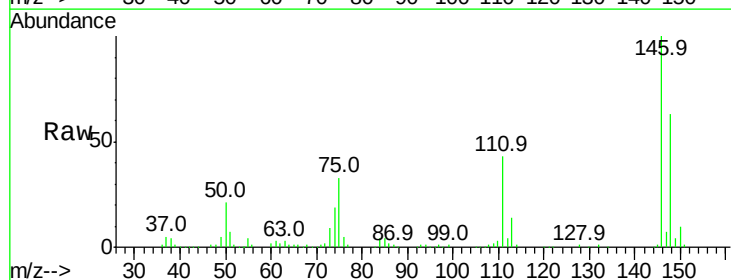
Instrument :
 BNA_F
 ClientSampleId :

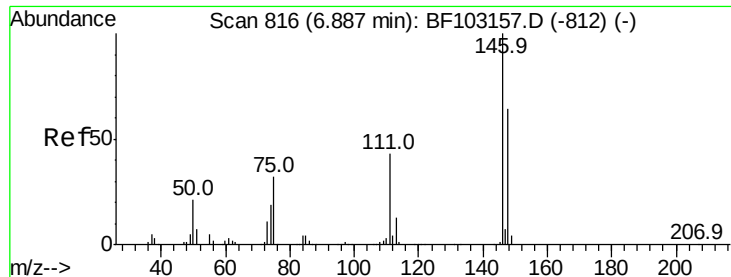
Tot Ion:	93	Resp:	379298
Ion	Ratio	Lower	Upper
93	100		
63	81.8	58.6	98.6
95	29.3	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 39.743 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

Tgt Ion:	146	Resp:	351827
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	33.0	24.2	36.4

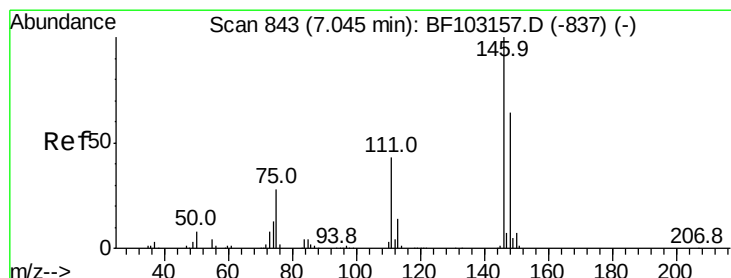
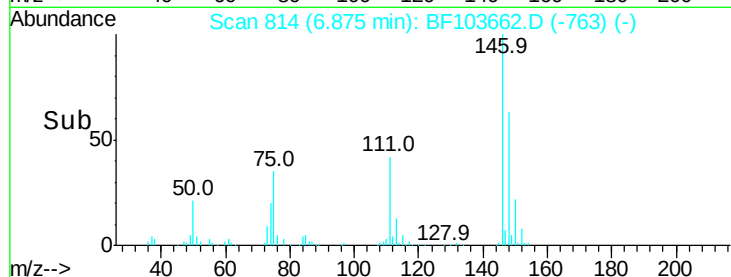
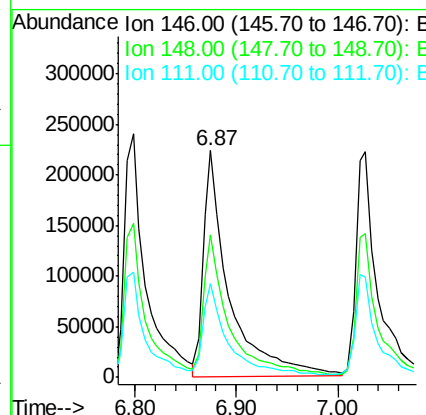
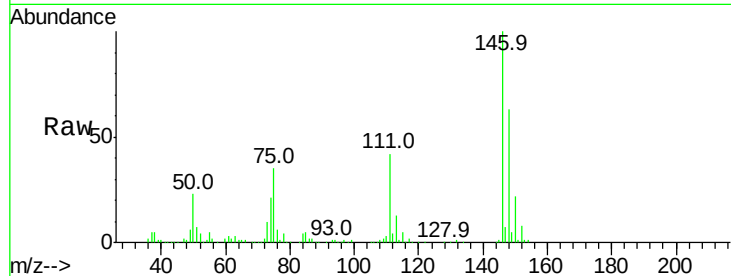




#13
 1,4-Dichlorobenzene
 Concen: 44.083 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

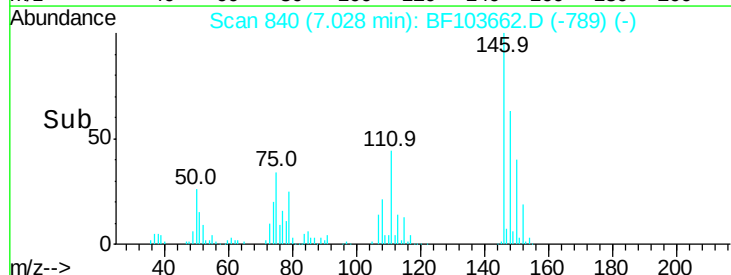
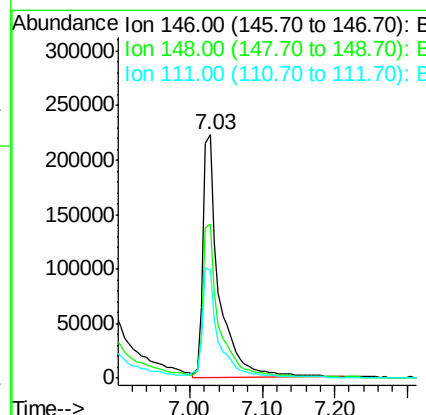
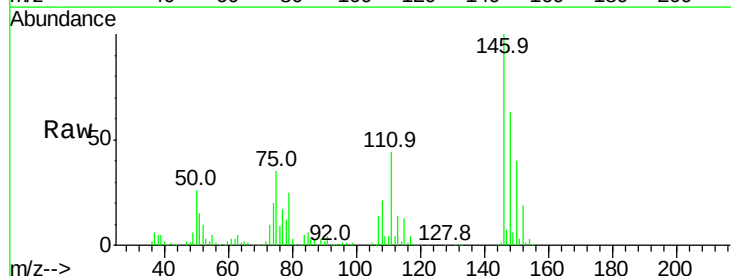
Instrument :
 BNA_F
 ClientSampleId :

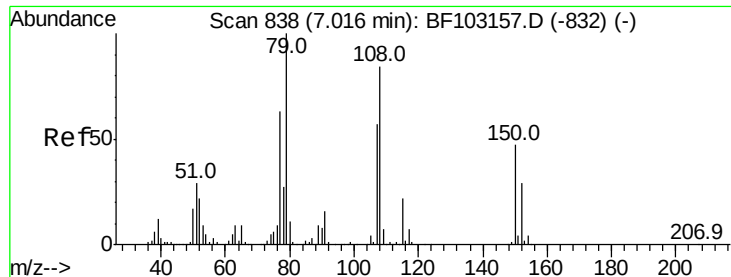
Tot Ion:146 Resp: 391256
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.8 76.2
 111 41.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.632 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

Tgt Ion:146 Resp: 340714
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 75.8
 111 44.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 34.946 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampled :

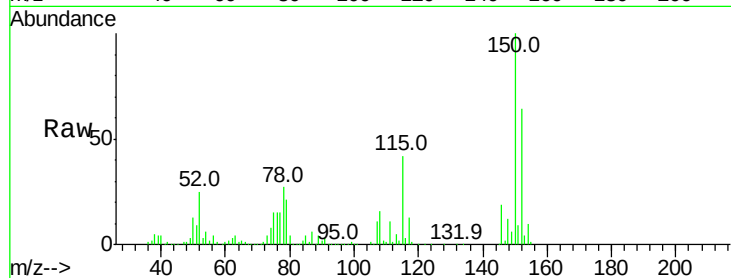
Tot Ion: 79 Resp: 240285

Ion Ratio Lower Upper

79 100

108 75.3 65.1 97.7

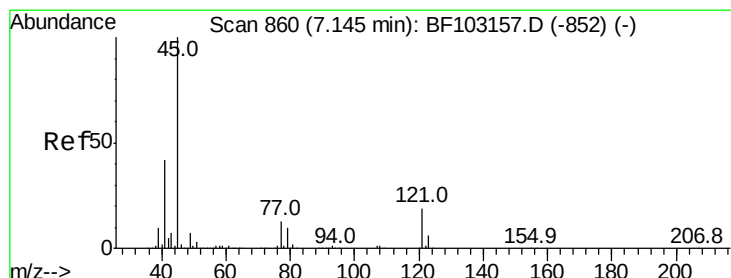
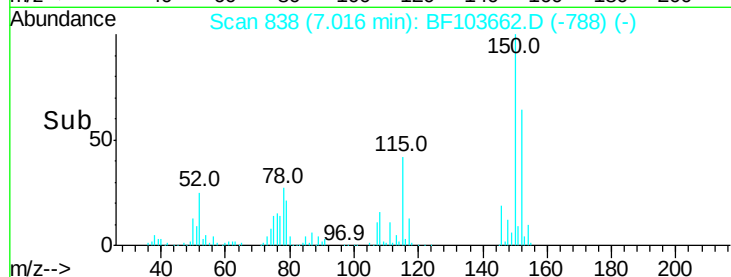
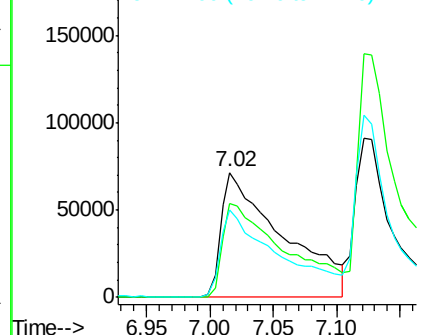
77 70.5 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.794 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

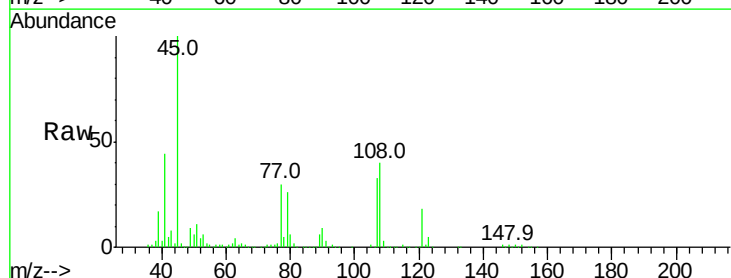
Tgt Ion: 45 Resp: 535582

Ion Ratio Lower Upper

45 100

77 29.8 0.0 32.9

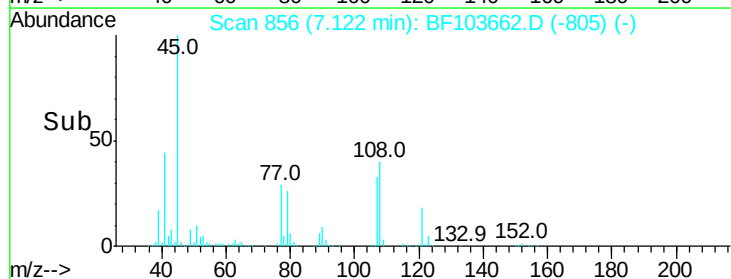
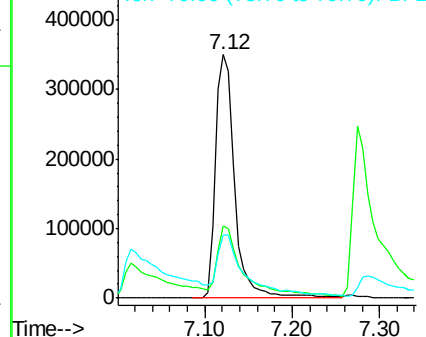
79 25.9 0.0 29.6

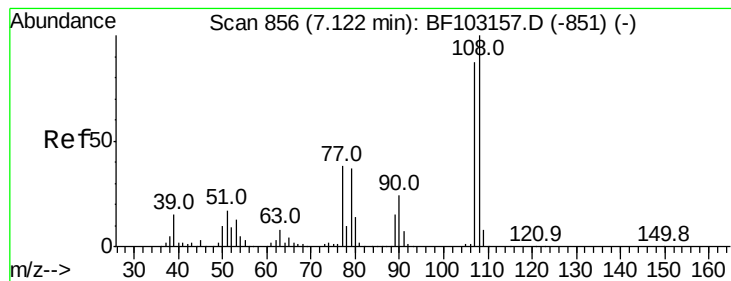


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

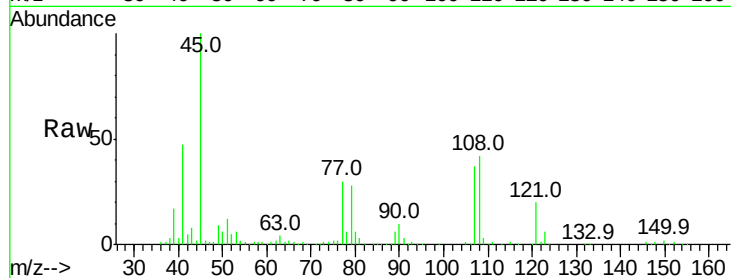




#17
2-Methylphenol
Concen: 37.842 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF103662.D
Acq: 15 Mar 2018 1:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.4	91.7	137.5
77	82.8	33.8	50.8#
79	75.4	33.8	50.8#



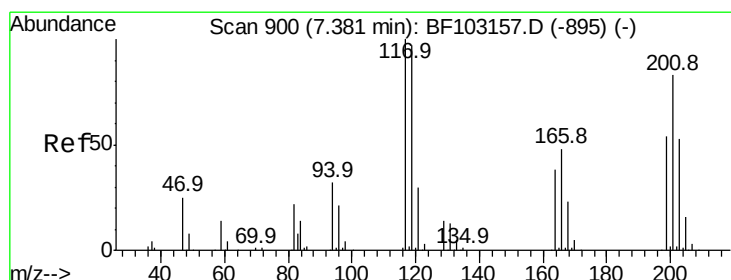
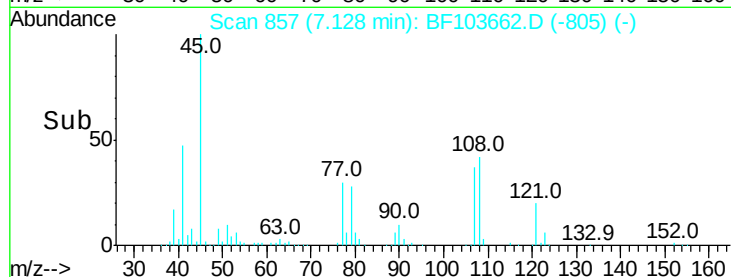
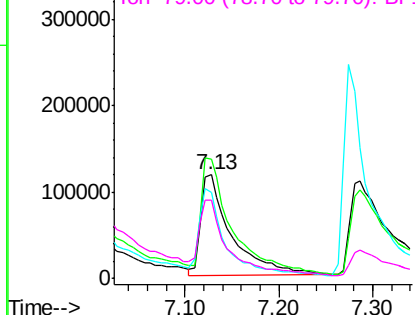
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

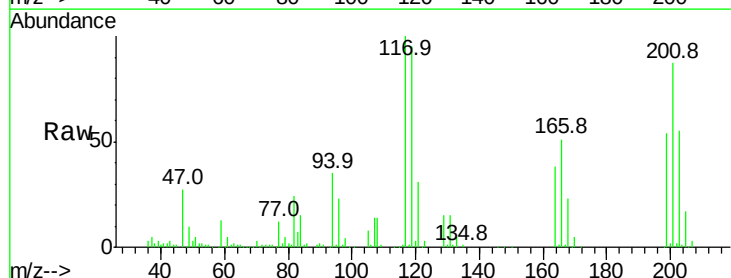
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 34.840 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF103662.D
Acq: 15 Mar 2018 1:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	86.7	75.7	113.5

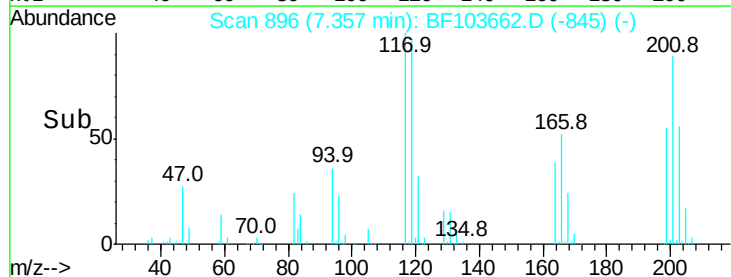
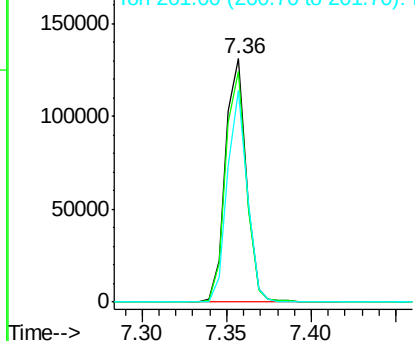


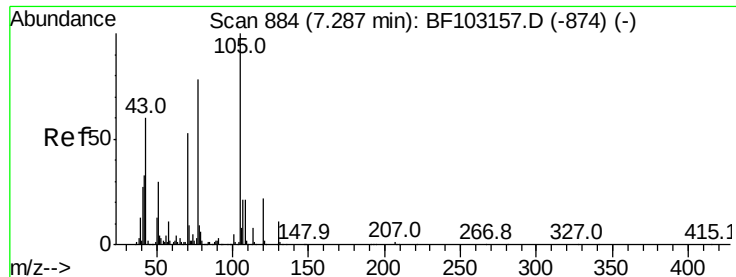
Abundance

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: 44.051 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 250161

Ion Ratio Lower Upper

70 100

42 62.3 47.5 71.3

101 9.2 7.4 11.2

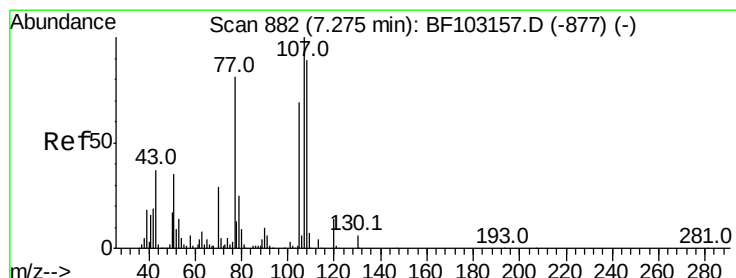
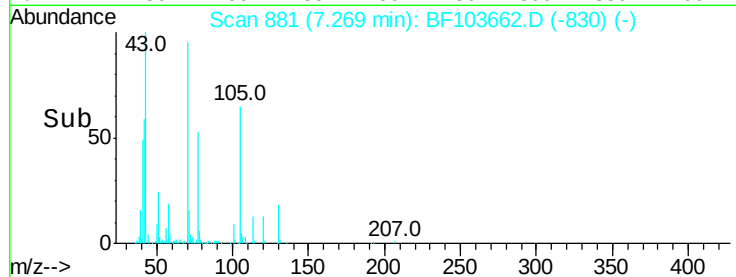
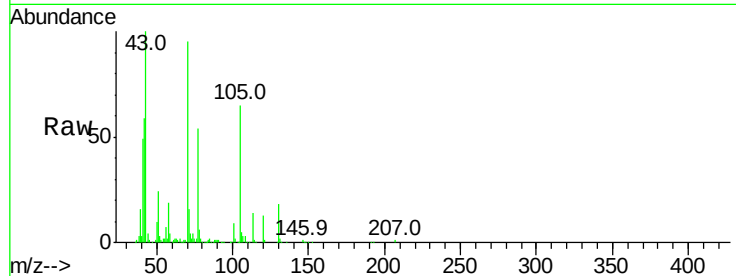
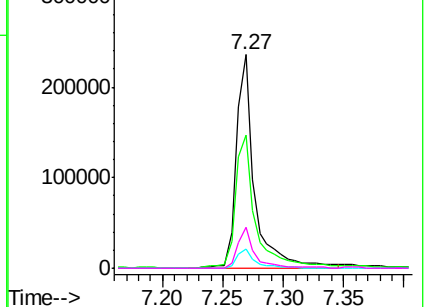
130 19.1 16.6 25.0

Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 41.644 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Tgt Ion: 107 Resp: 357365

Ion Ratio Lower Upper

107 100

108 91.7 68.2 108.2

77 134.2 26.7 66.7#

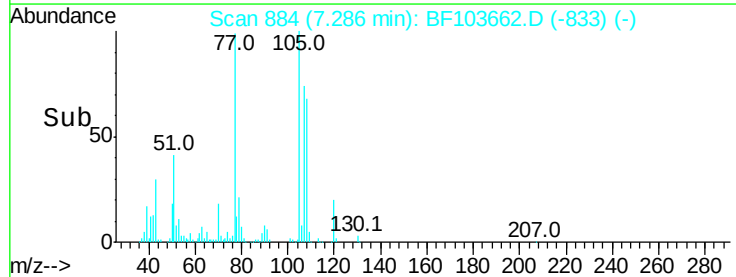
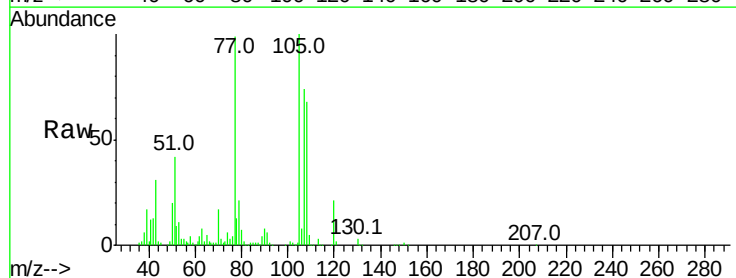
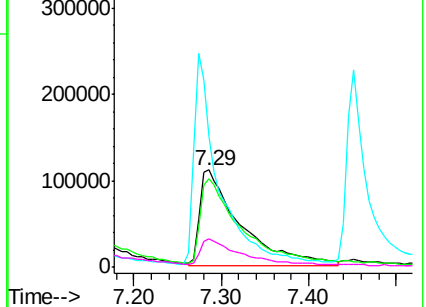
79 29.0 6.3 46.3

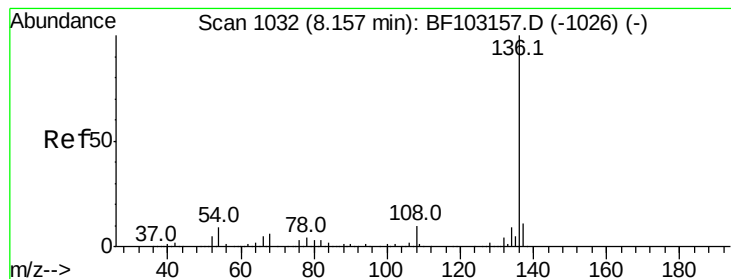
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 471075

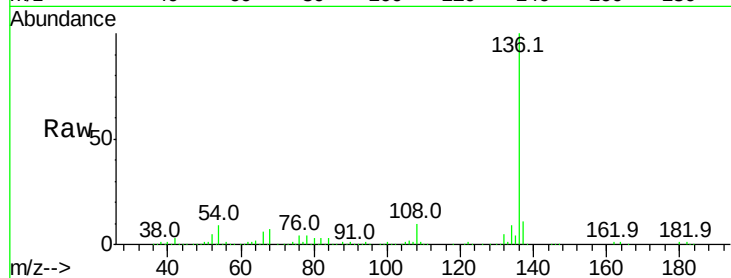
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.4 6.6 9.8

68 6.6 5.0 7.4

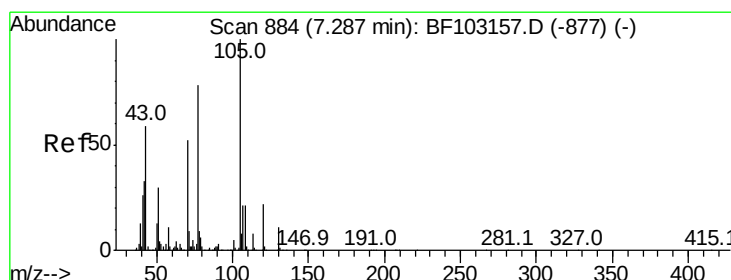
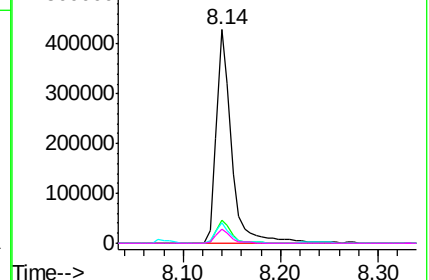
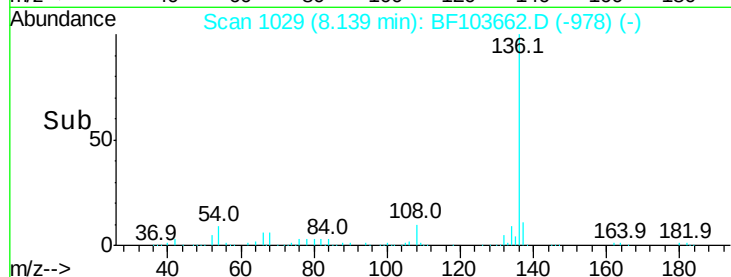


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.439 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Tgt Ion:105 Resp: 499628

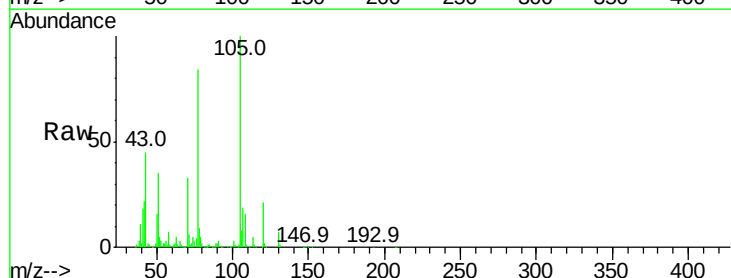
Ion Ratio Lower Upper

105 100

71 5.6 4.4 6.6

51 35.5 22.3 33.5#

120 20.9 16.9 25.3

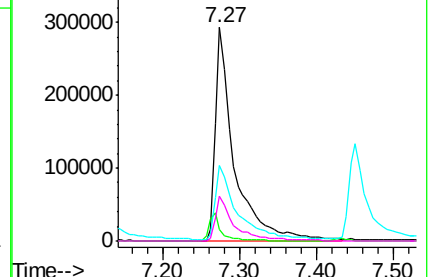
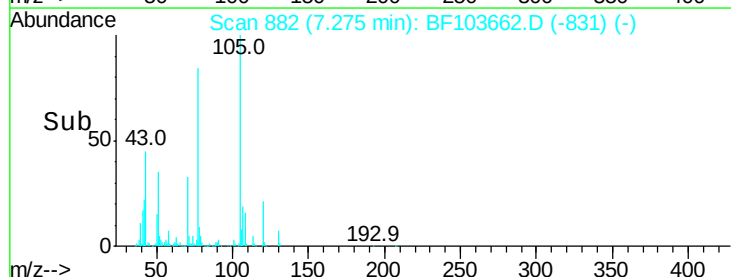


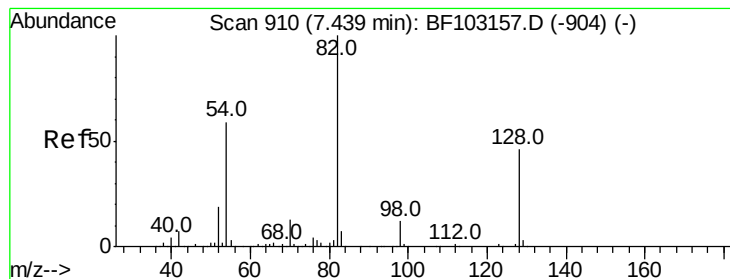
Abundance Ion 105.00 (104.70 to 105.70): E

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: 84.847 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampleId :

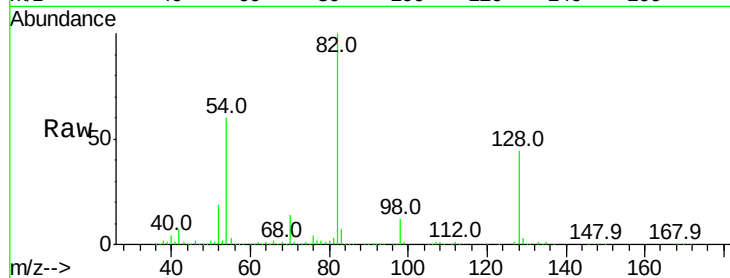
Tot Ion: 82 Resp: 699881

Ion Ratio Lower Upper

82 100

128 43.9 36.1 54.1

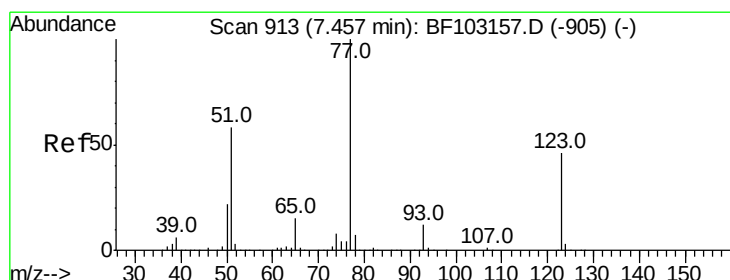
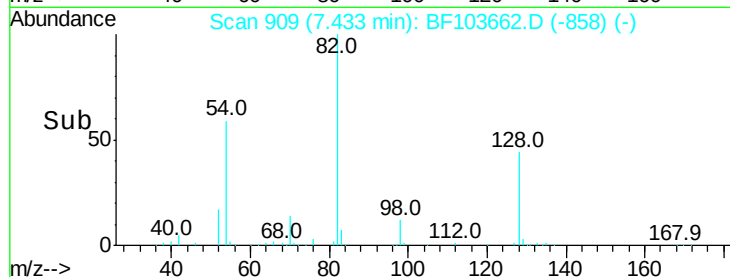
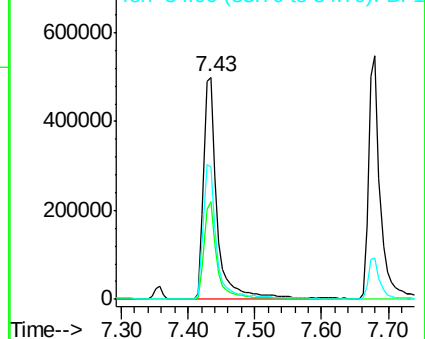
54 59.6 41.4 62.2



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: 42.901 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

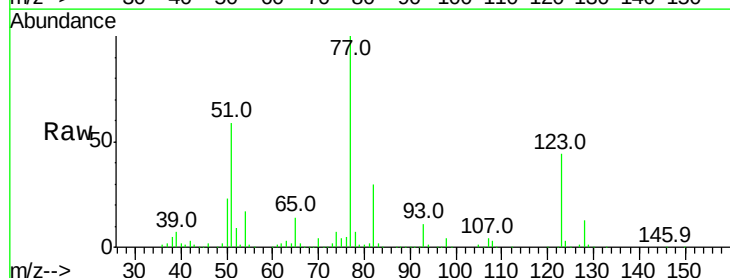
Tgt Ion: 77 Resp: 389621

Ion Ratio Lower Upper

77 100

123 43.8 37.9 56.9

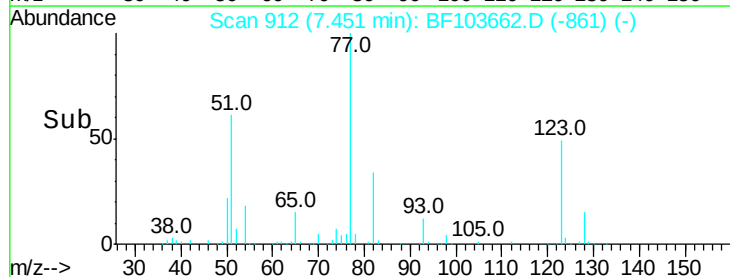
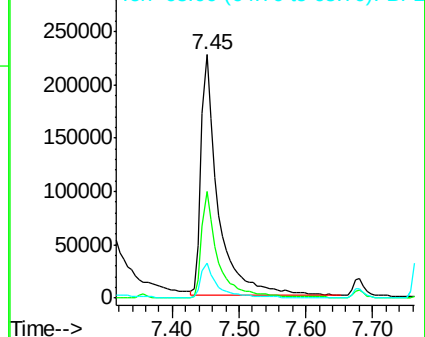
65 14.3 11.0 16.4

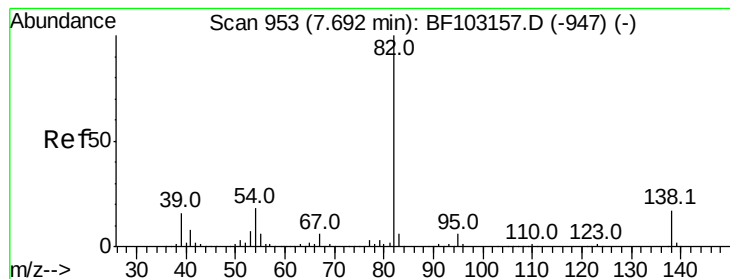


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.562 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampleId :

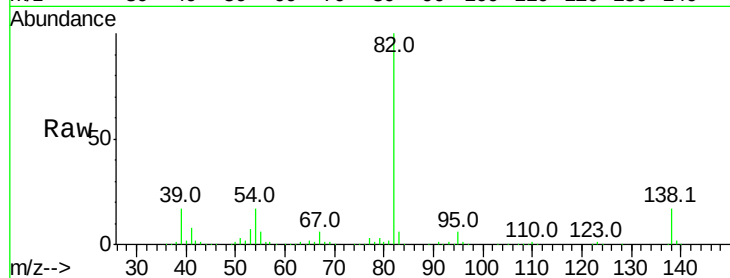
Tot Ion: 82 Resp: 658971

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

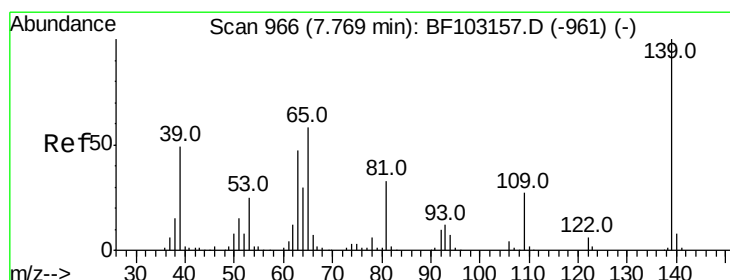
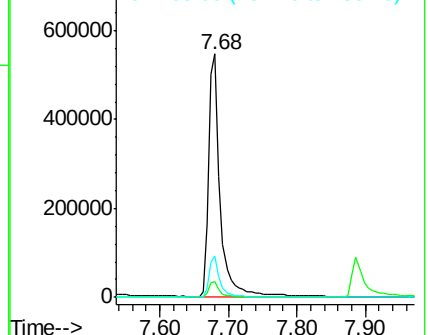
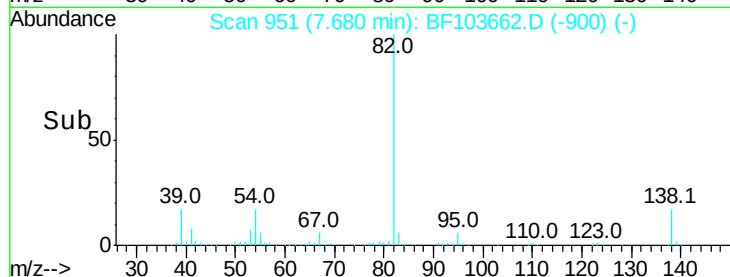
138 17.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 37.185 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

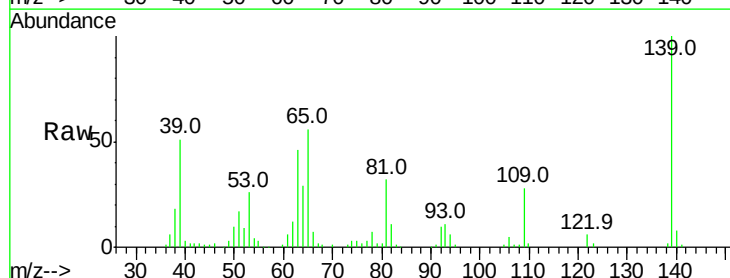
Tgt Ion: 139 Resp: 158982

Ion Ratio Lower Upper

139 100

109 28.1 22.7 34.1

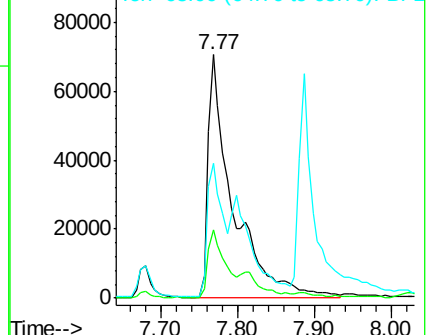
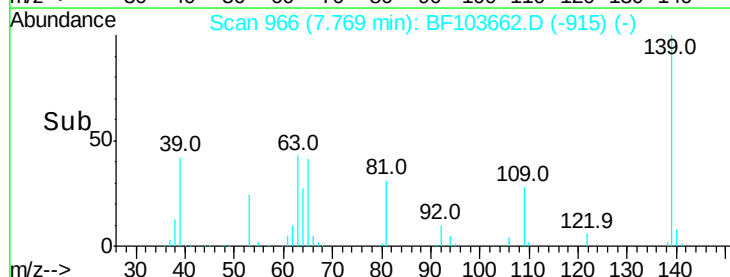
65 55.6 40.5 60.7

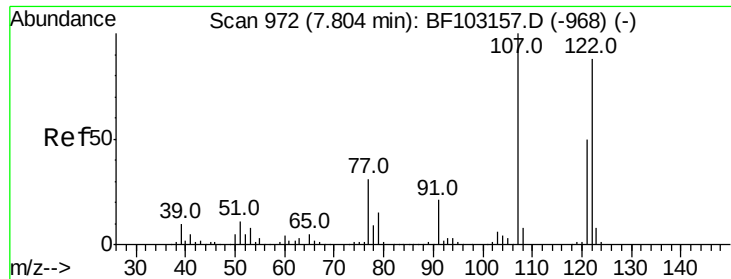


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.612 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampled :

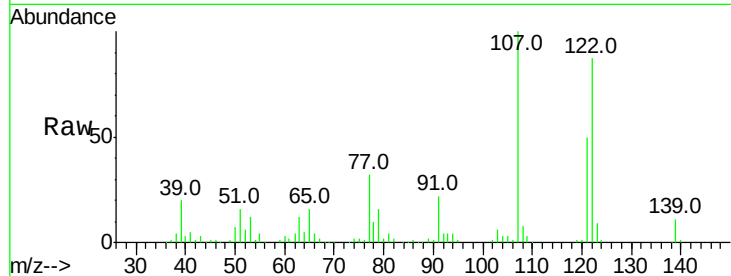
Tot Ion:122 Resp: 252334

Ion Ratio Lower Upper

122 100

107 115.0 91.2 136.8

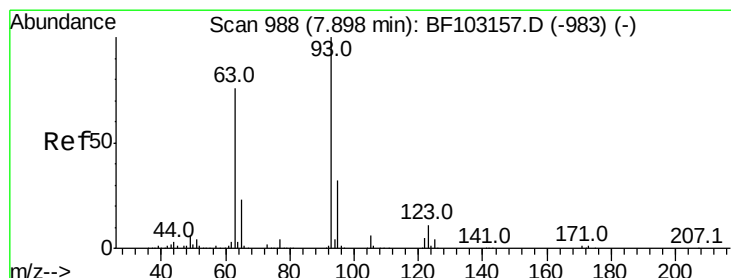
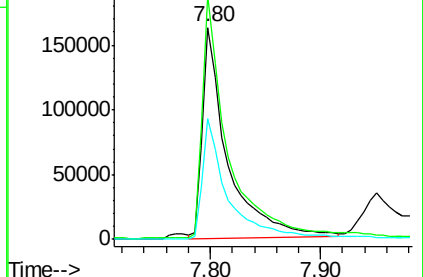
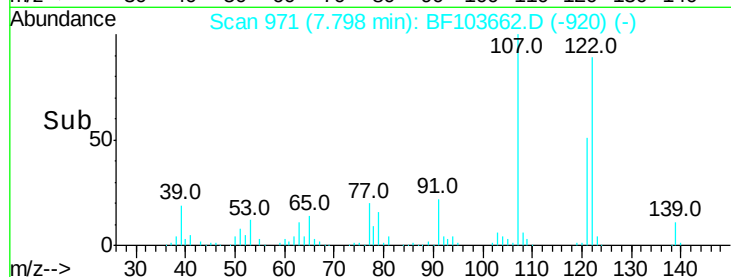
121 57.3 47.2 70.8



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: 41.434 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

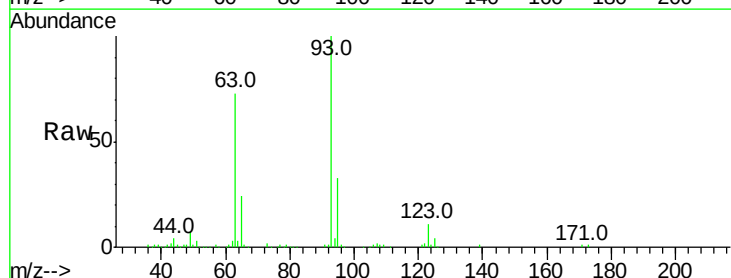
Tgt Ion: 93 Resp: 395768

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

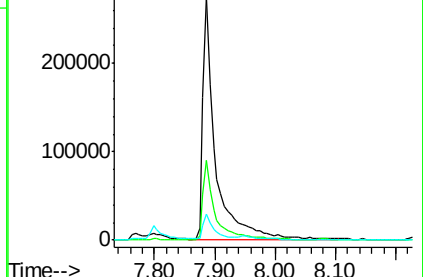
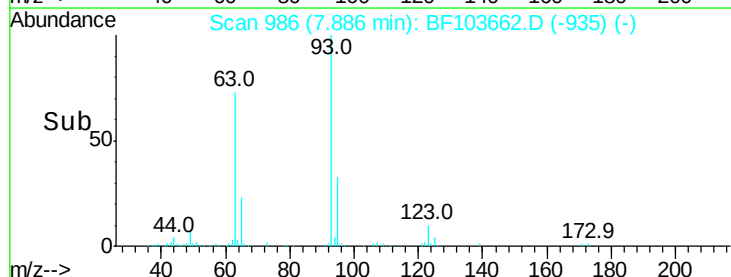
123 10.5 9.8 14.6

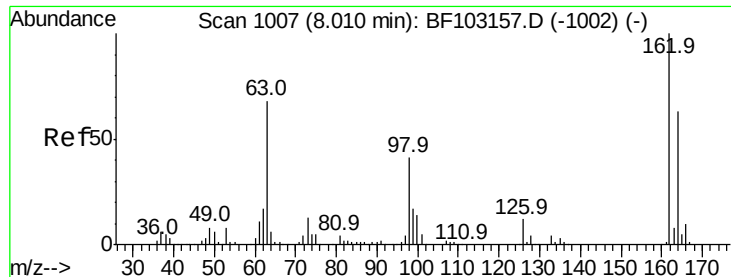


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

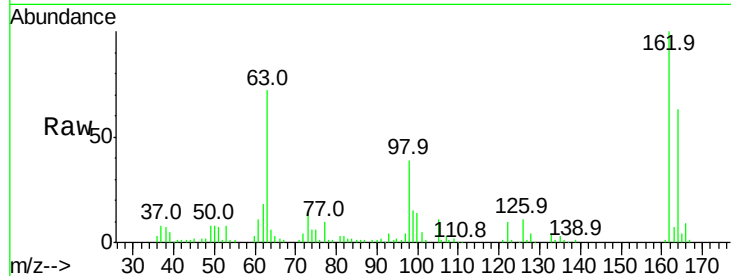




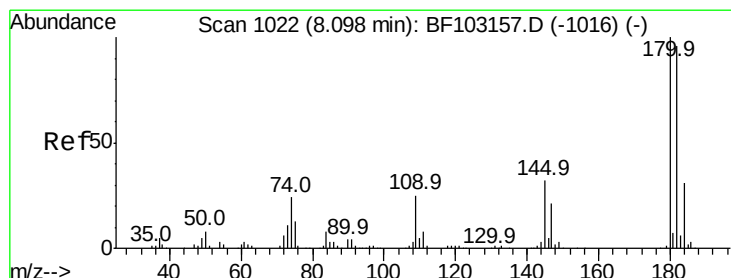
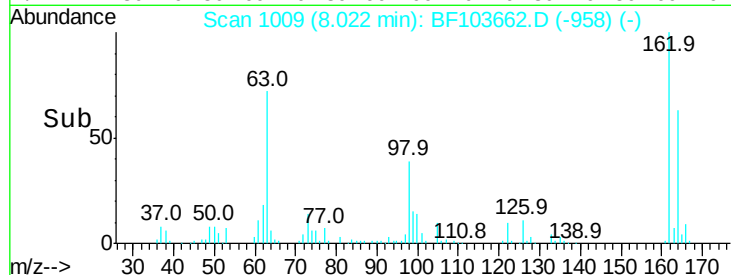
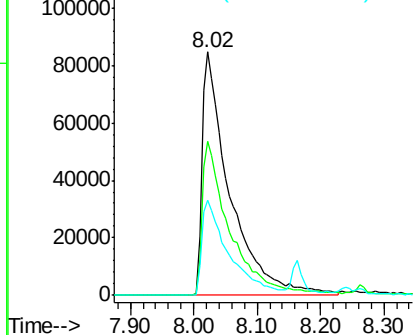
#29
 2,4-Dichlorophenol
 Concen: 40.799 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	42.7	82.7
98	38.9	18.1	58.1

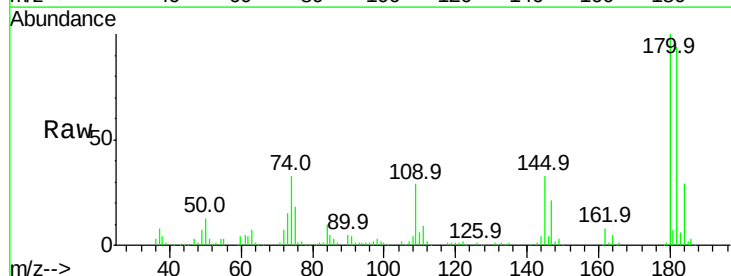


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

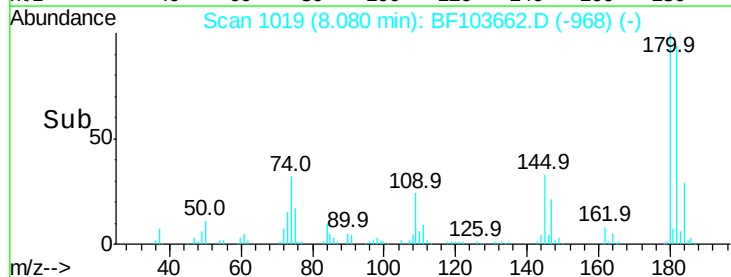
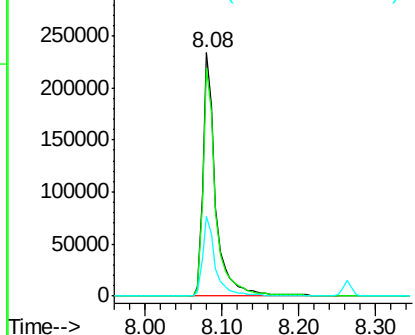


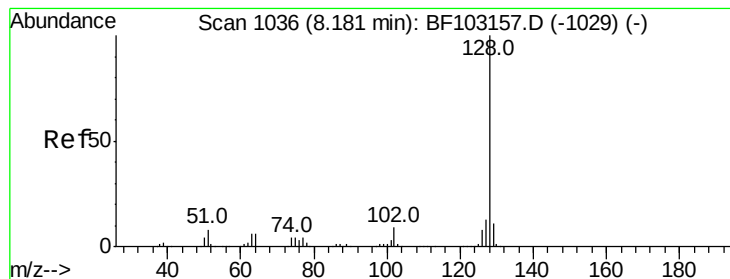
#30
 1,2,4-Trichlorobenzene
 Concen: 40.299 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.8	115.2
145	32.8	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

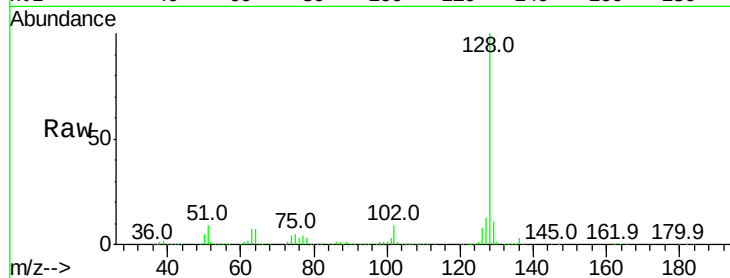




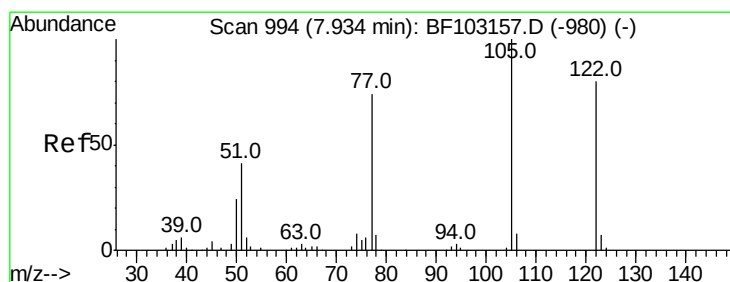
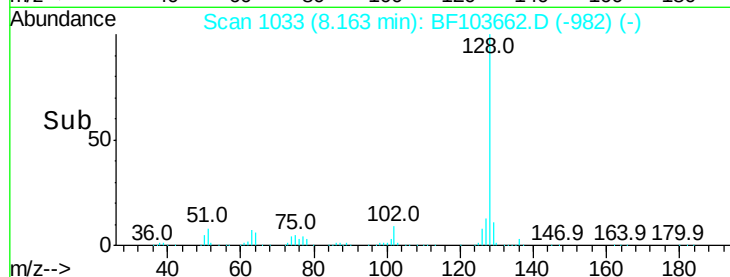
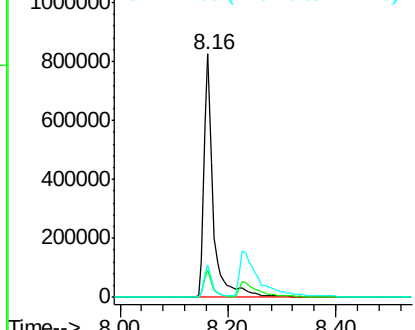
#31
Naphthalene
Concen: 42.848 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF103662.D
Acq: 15 Mar 2018 1:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 988201
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.9 16.3

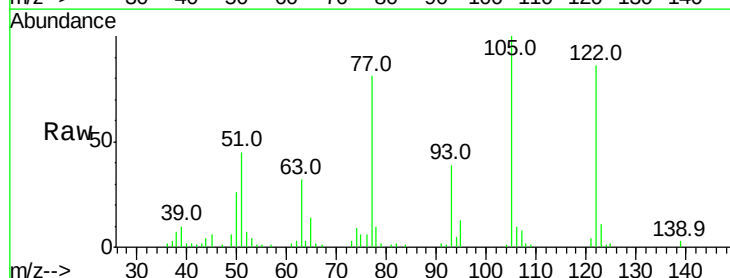


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

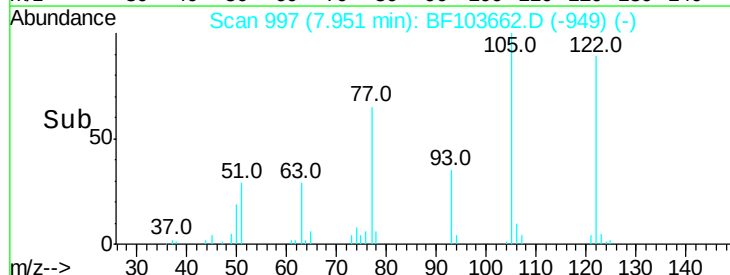
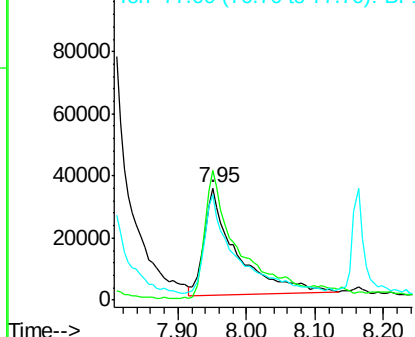


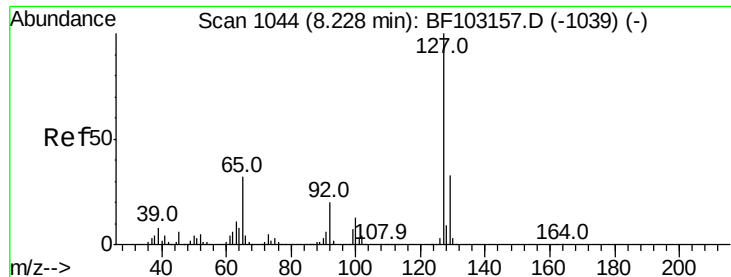
#32
Benzoic acid
Concen: 26.981 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF103662.D
Acq: 15 Mar 2018 1:51

Tgt Ion:122 Resp: 113664
Ion Ratio Lower Upper
122 100
105 116.0 101.1 141.1
77 94.3 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

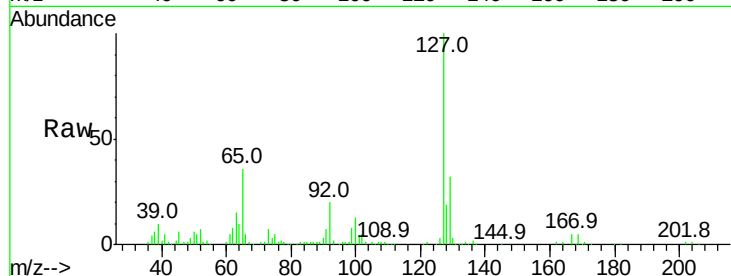




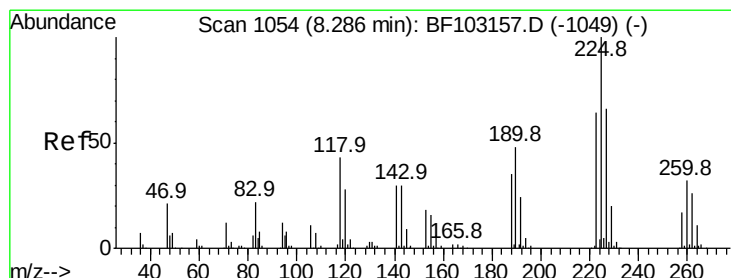
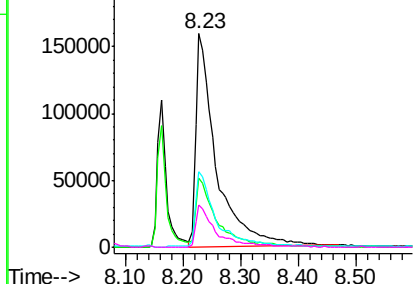
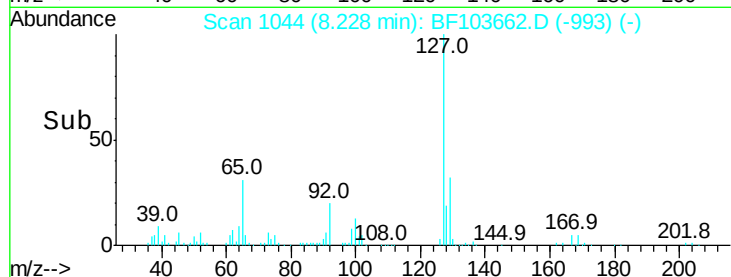
#33
 4-Chloroaniline
 Concen: 39.938 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	127	Resp:	397467
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	35.7	25.0	37.4
92	19.8	15.2	22.8

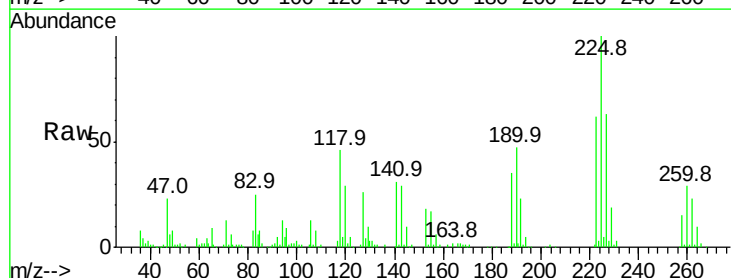


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

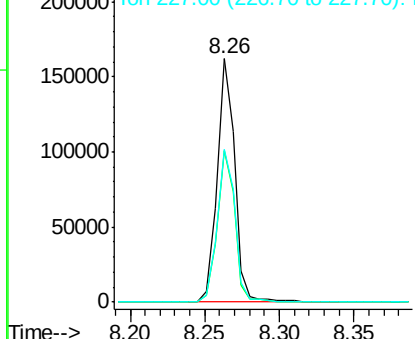
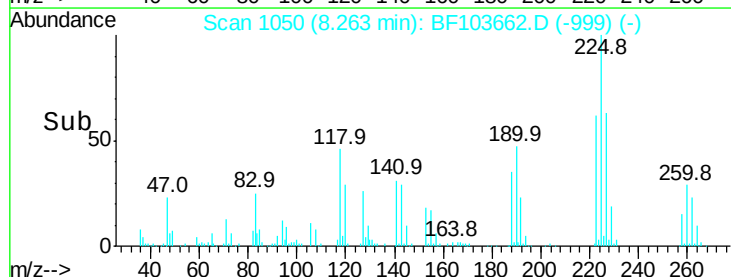


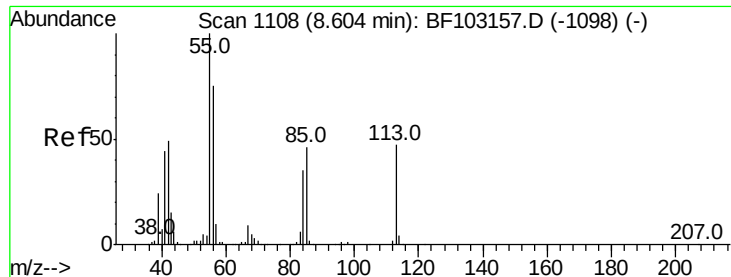
#34
 Hexachlorobutadiene
 Concen: 38.427 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

Tgt Ion:	225	Resp:	133327
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	62.5	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: 34.395 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampleId :

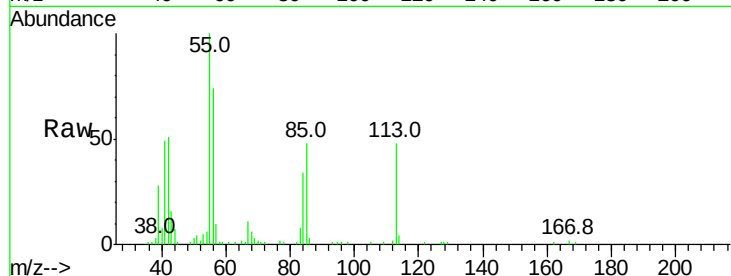
Tot Ion:113 Resp: 75634

Ion Ratio Lower Upper

113 100

55 208.6 163.3 203.3#

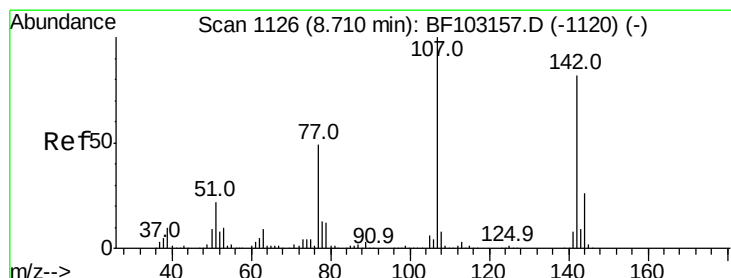
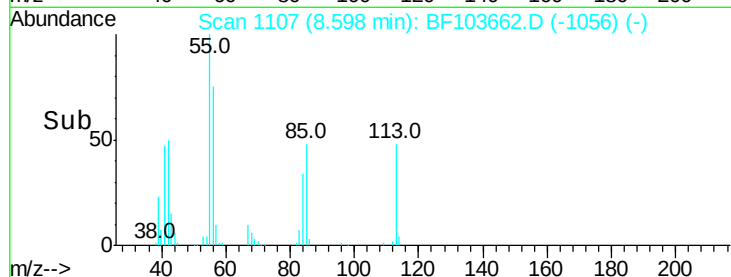
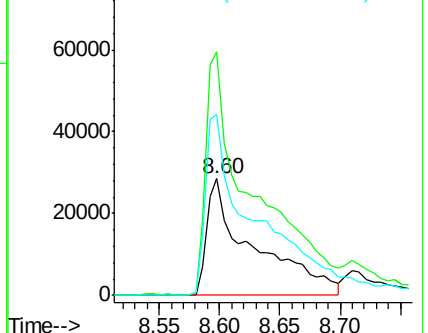
56 154.6 115.7 155.7



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: 40.967 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

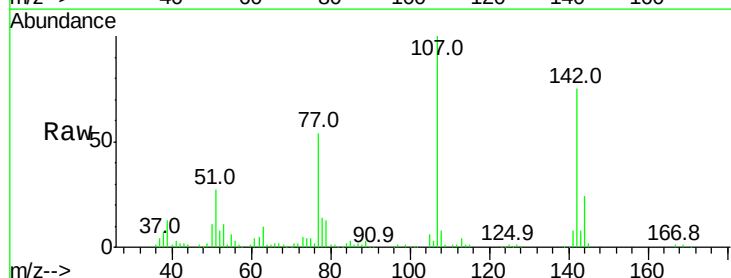
Tgt Ion:107 Resp: 289108

Ion Ratio Lower Upper

107 100

144 23.5 20.5 30.7

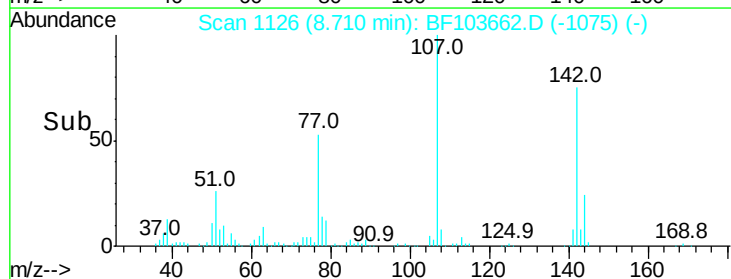
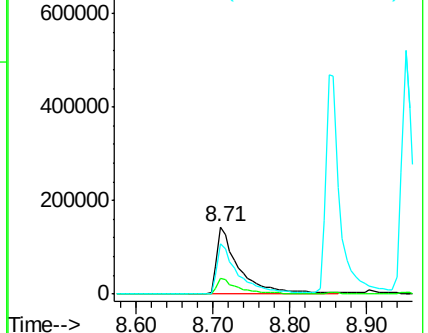
142 74.8 62.0 93.0

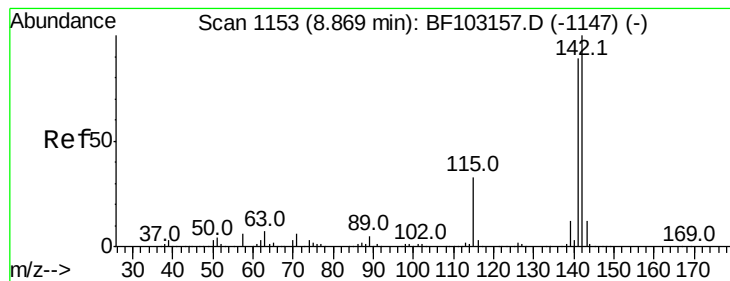


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.580 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampleId :

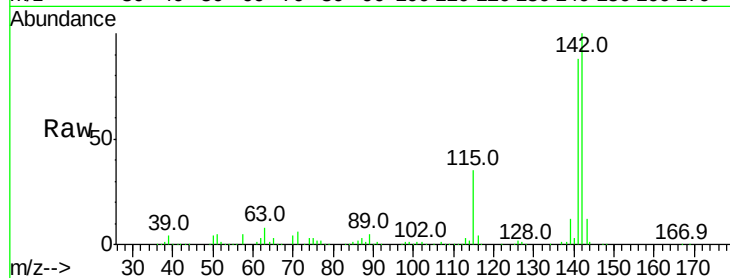
Tot Ion:142 Resp: 604848

Ion Ratio Lower Upper

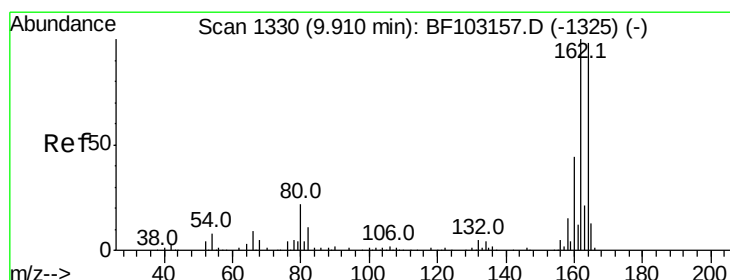
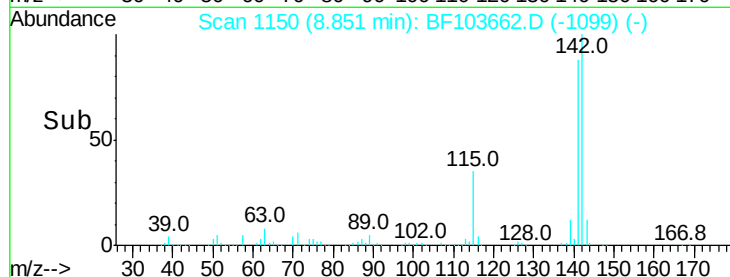
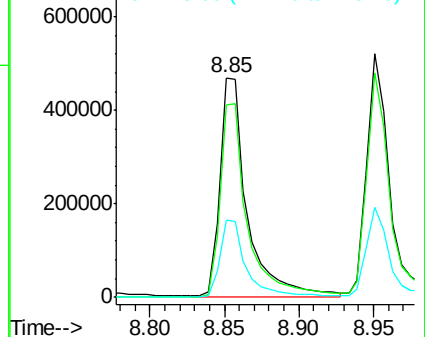
142 100

141 87.8 70.8 106.2

115 35.2 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: 9.90 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

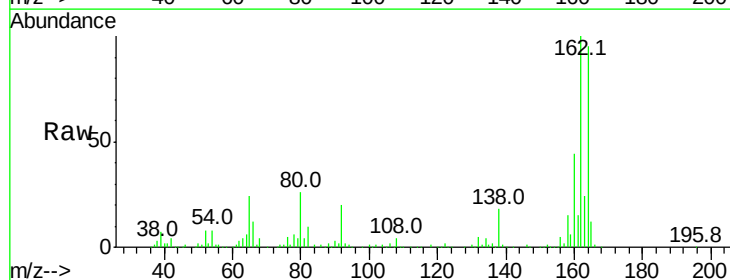
Tgt Ion:164 Resp: 205310

Ion Ratio Lower Upper

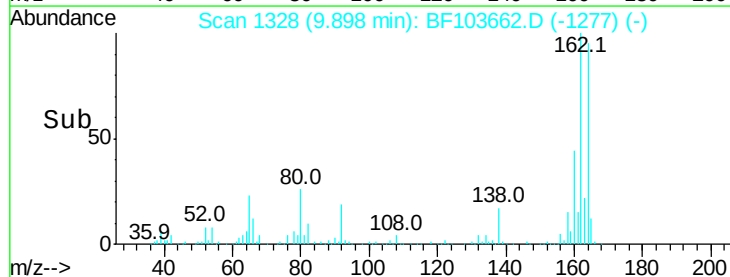
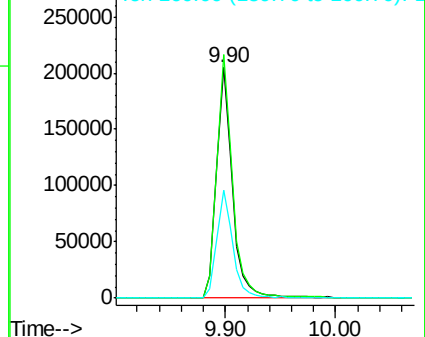
164 100

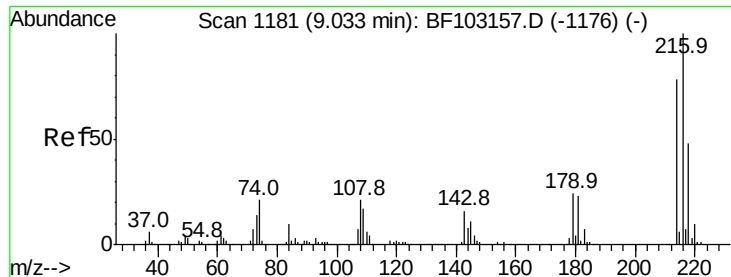
162 105.6 86.1 129.1

160 46.7 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

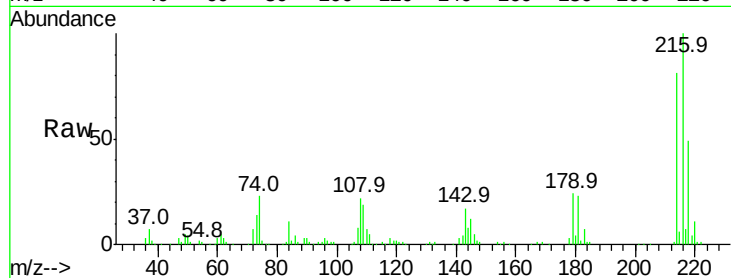




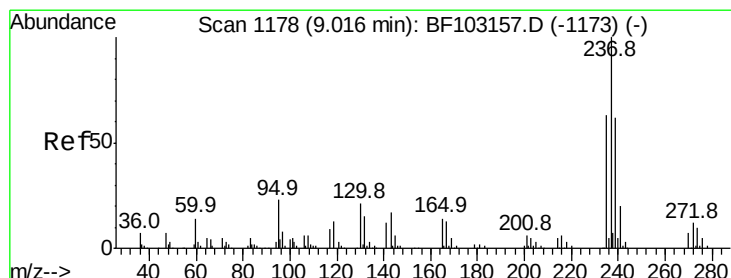
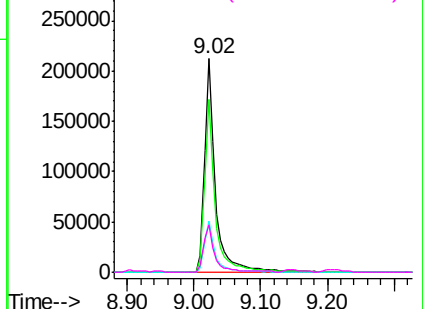
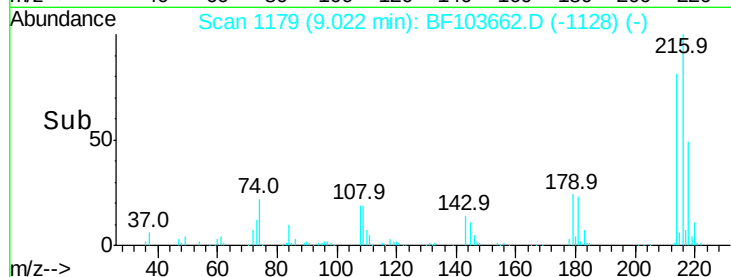
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.515 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	238629
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	23.5	18.1	27.1
108	23.2	17.2	25.8

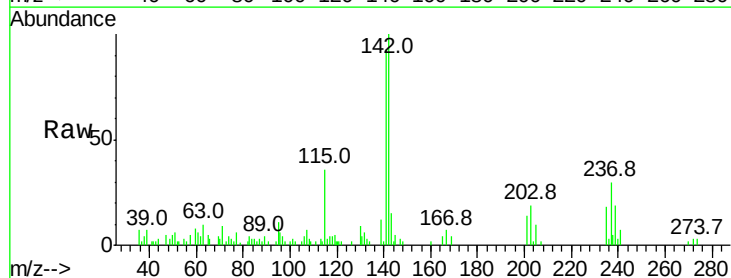


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

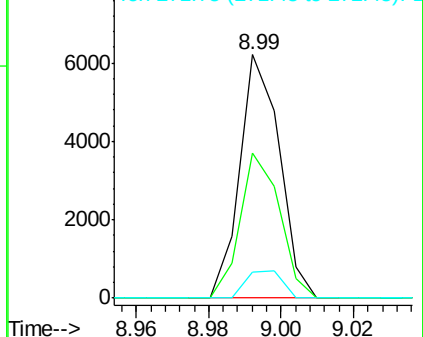
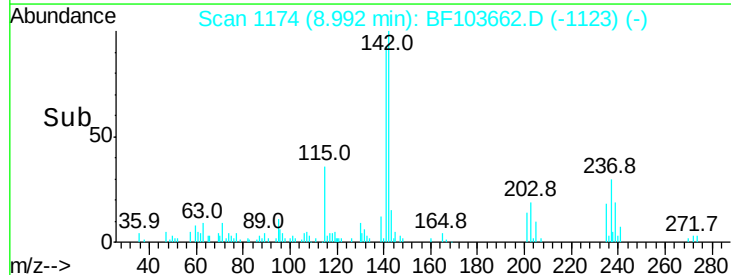


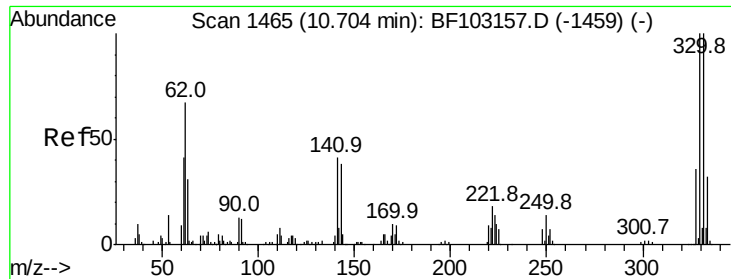
#40
 Hexachlorocyclopentadiene
 Concen: 10.998 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

Tgt Ion:	237	Resp:	4709
Ion	Ratio	Lower	Upper
237	100		
235	59.6	44.8	84.8
272	10.5	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: 70.680 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF103662.D

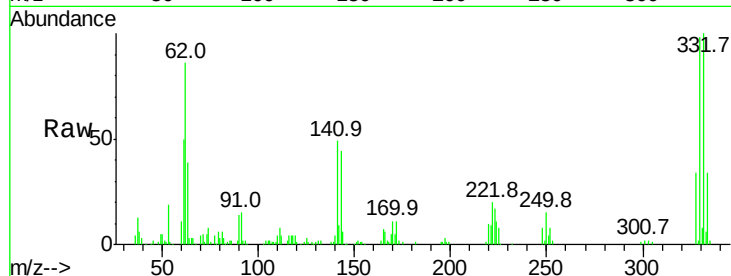
Acq: 15 Mar 2018 1:51

Instrument :

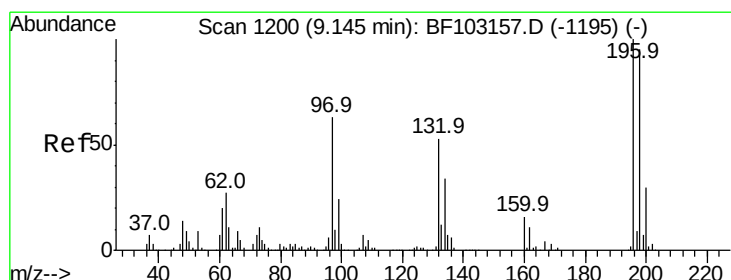
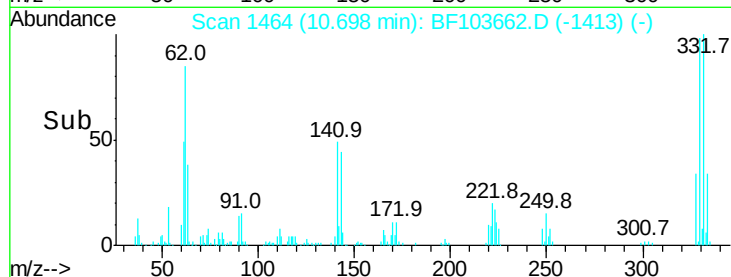
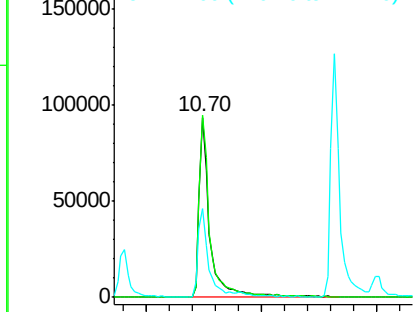
BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	122830
Ion	Ratio	Lower	Upper
330	100		
332	100.8	77.0	115.6
141	47.6	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: 38.920 ng

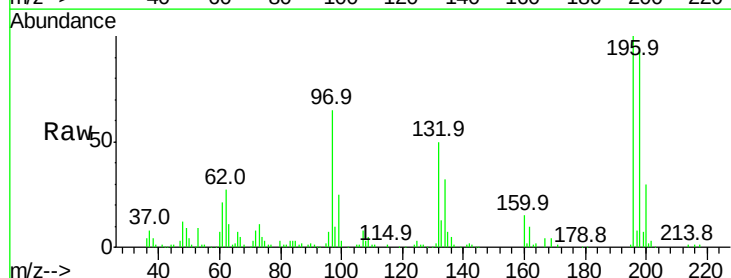
RT: 9.15 min Scan# 1200

Delta R.T. -0.00 min

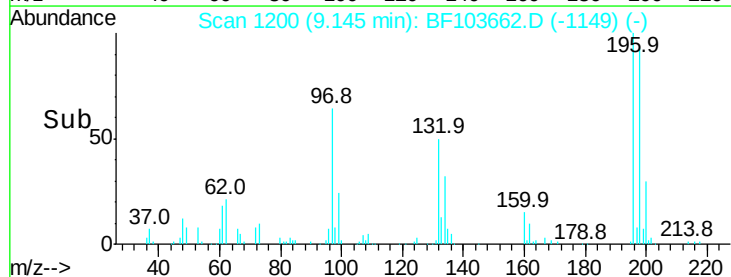
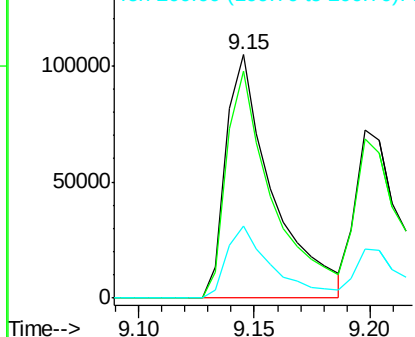
Lab File: BF103662.D

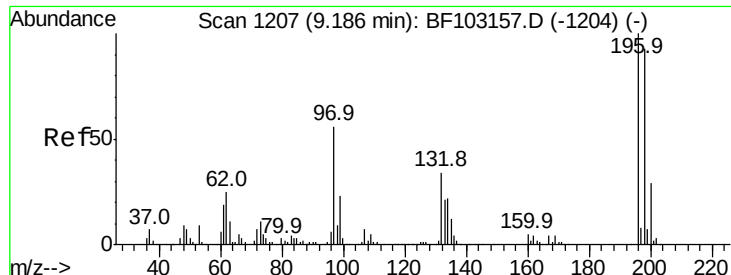
Acq: 15 Mar 2018 1:51

Tgt Ion:	196	Resp:	146989
Ion	Ratio	Lower	Upper
196	100		
198	93.2	75.7	113.5
200	29.8	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

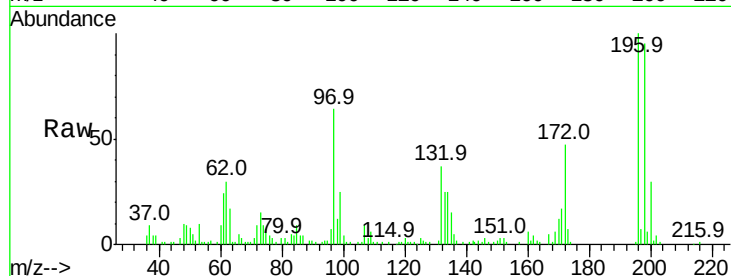




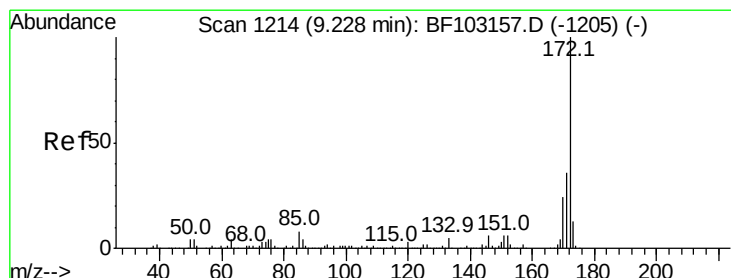
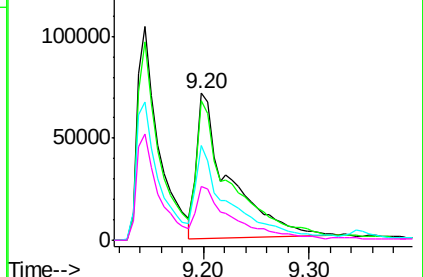
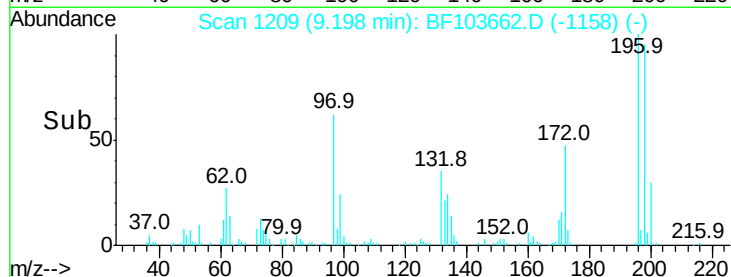
#43
 2,4,5-Trichlorophenol
 Concen: 34.455 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 149662
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.6 112.0
 97 64.3 42.9 64.3
 132 36.5 26.3 39.5

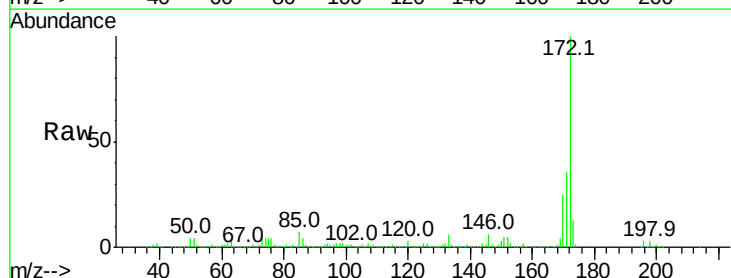


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

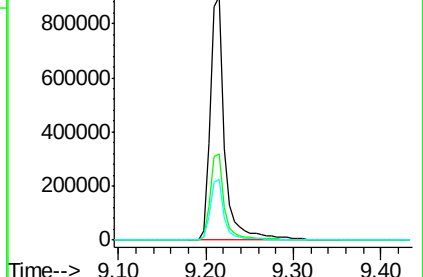
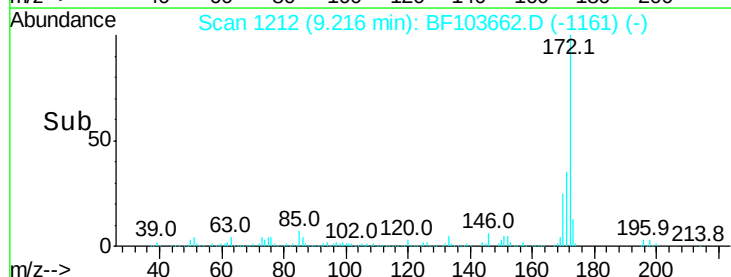


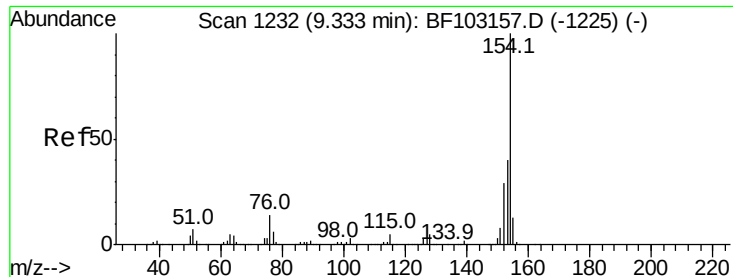
#44
 2-Fluorobiphenyl
 Concen: 87.848 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

Tgt Ion:172 Resp: 1038891
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 24.7 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 42.313 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampled :

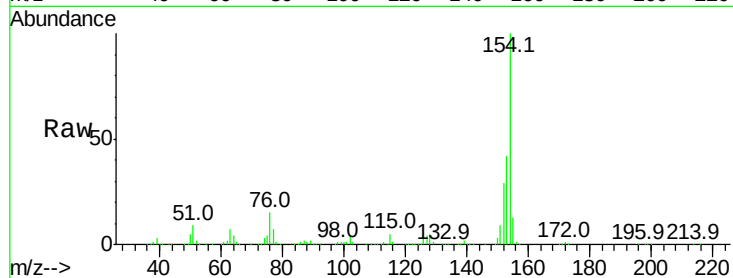
Tot Ion:154 Resp: 727946

Ion Ratio Lower Upper

154 100

153 41.7 21.3 61.3

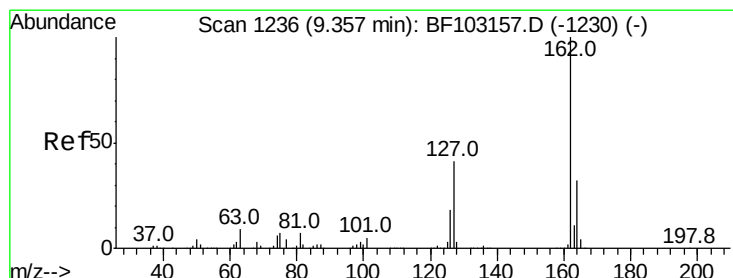
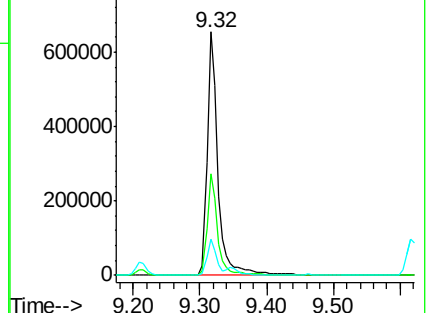
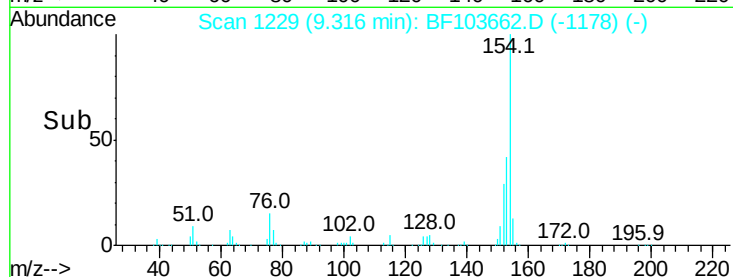
76 15.2 0.0 34.0



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: 41.488 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

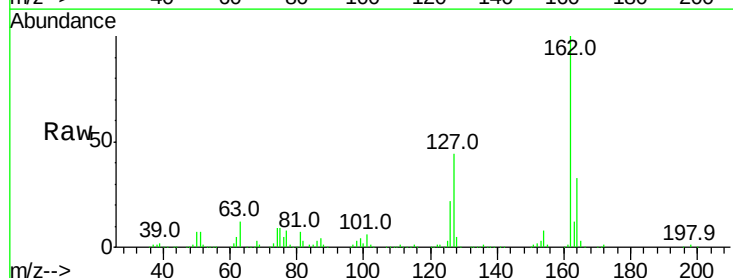
Tgt Ion:162 Resp: 564683

Ion Ratio Lower Upper

162 100

127 43.8 33.9 50.9

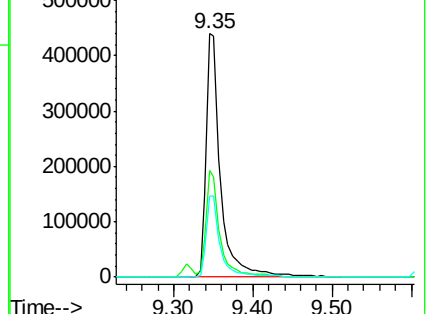
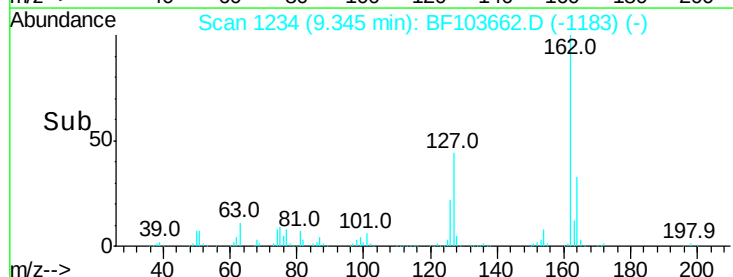
164 33.1 26.5 39.7

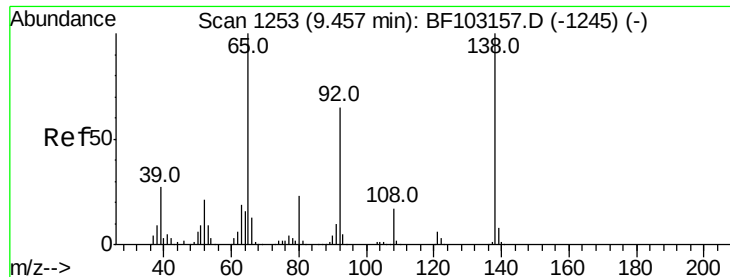


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.052 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampleId :

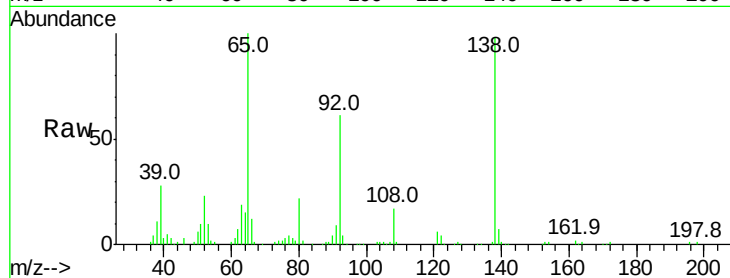
Tot Ion: 65 Resp: 232177

Ion Ratio Lower Upper

65 100

92 61.0 55.8 83.6

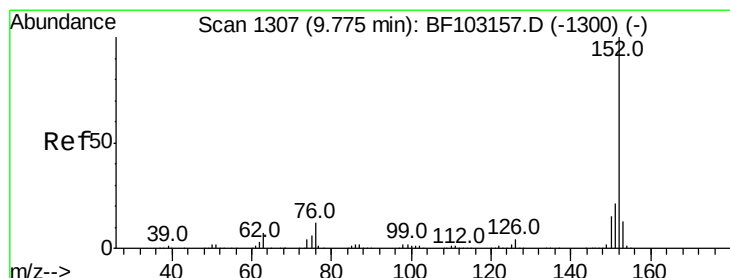
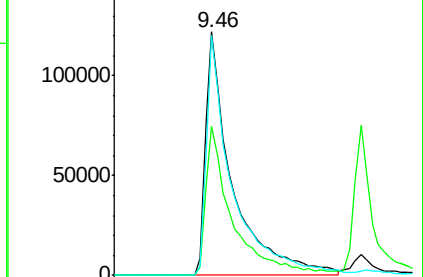
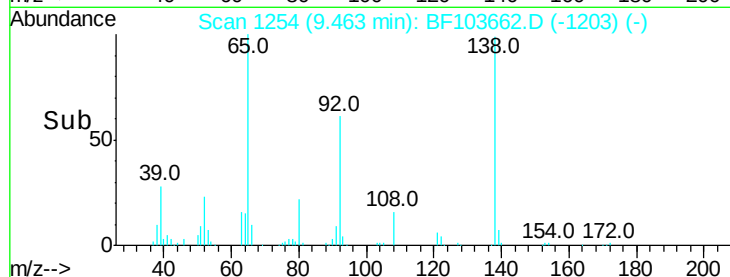
138 98.2 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 40.081 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

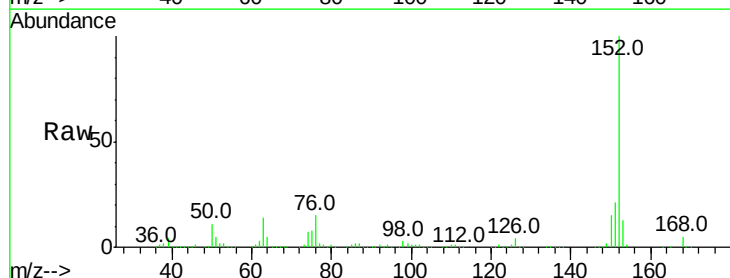
Tgt Ion: 152 Resp: 839347

Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

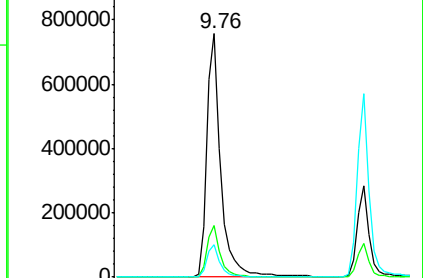
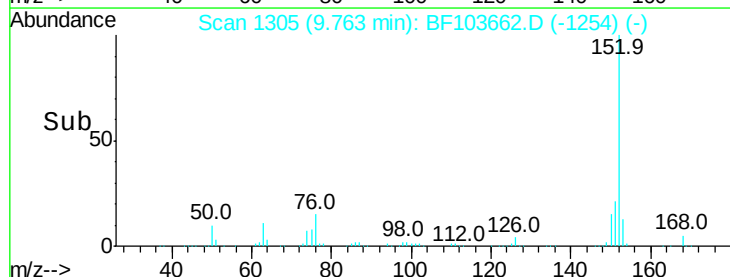
153 13.4 10.7 16.1

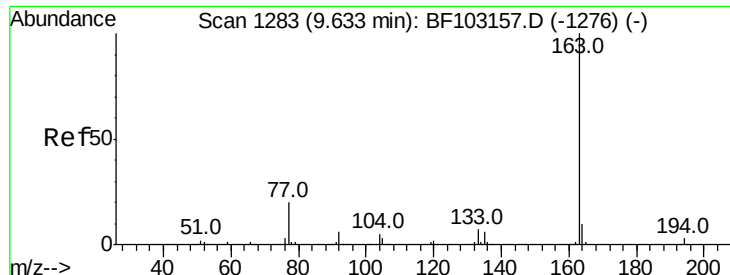


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 39.992 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampleId :

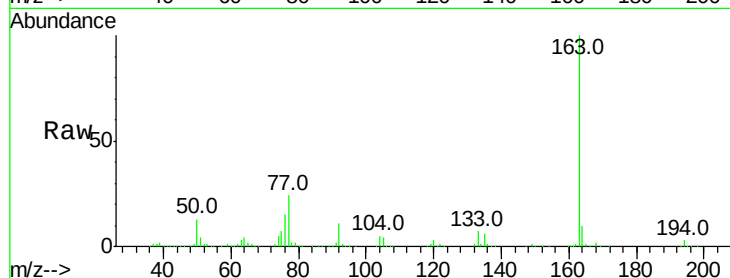
Tot Ion:163 Resp: 658678

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

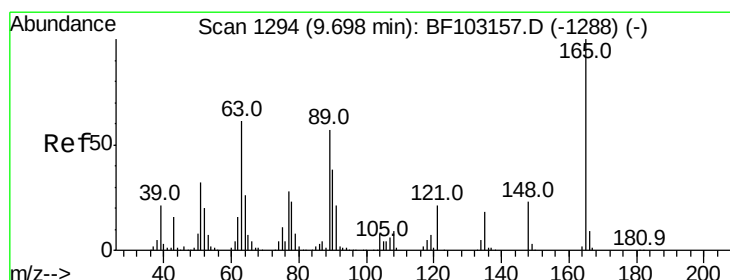
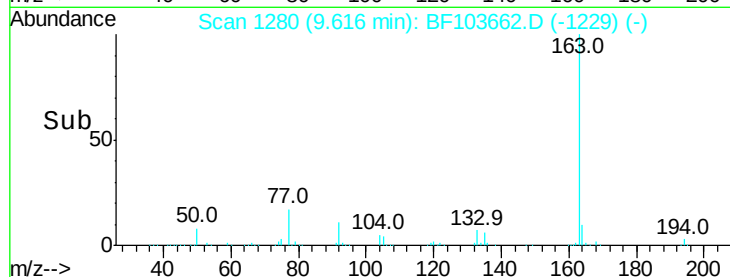
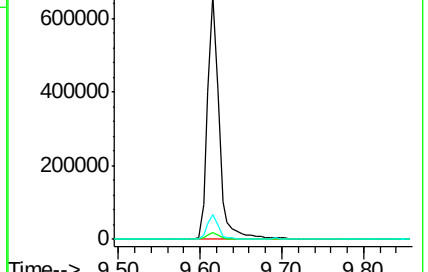
164 10.2 8.2 12.2



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: 38.426 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

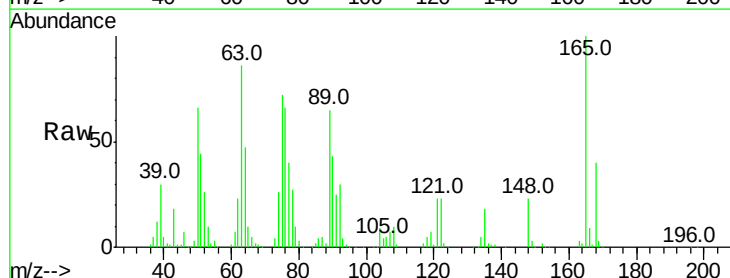
Tgt Ion:165 Resp: 132813

Ion Ratio Lower Upper

165 100

63 86.4 44.7 67.1#

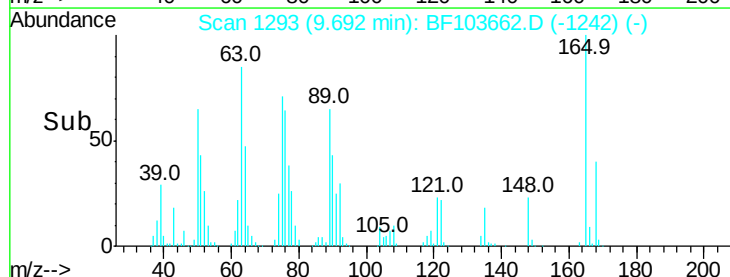
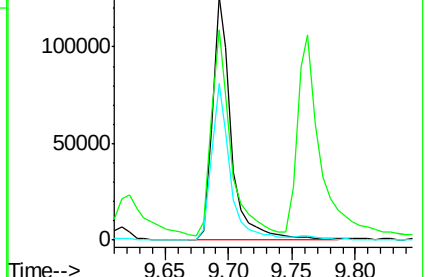
89 64.5 44.0 66.0

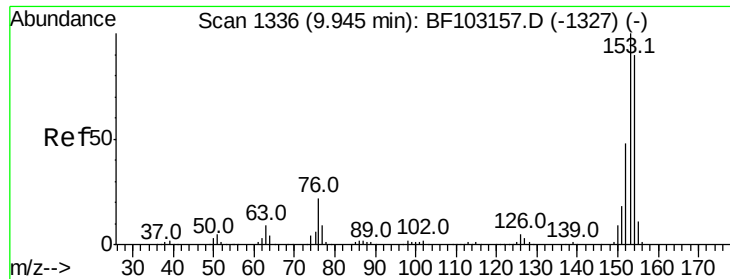


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.962 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampleId :

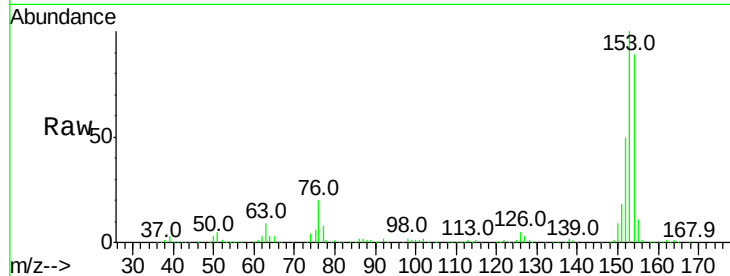
Tot Ion:154 Resp: 487979

Ion Ratio Lower Upper

154 100

153 111.9 91.2 136.8

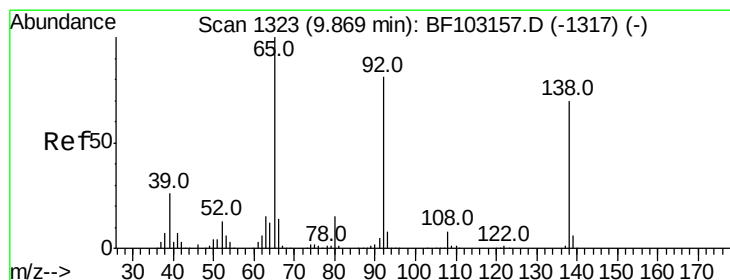
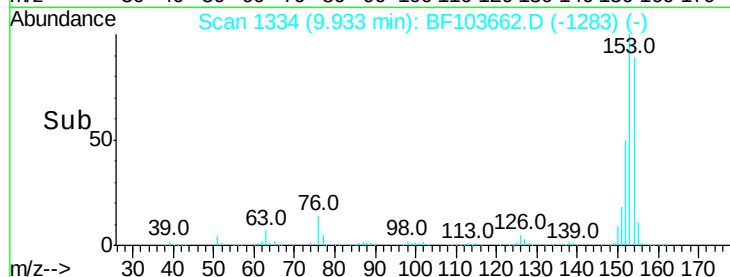
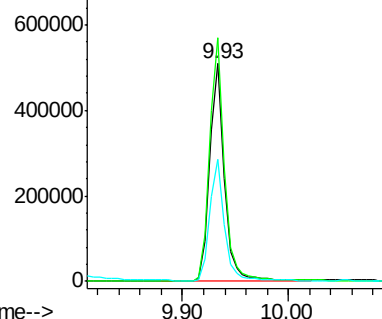
152 55.9 43.8 65.8



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: 41.943 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

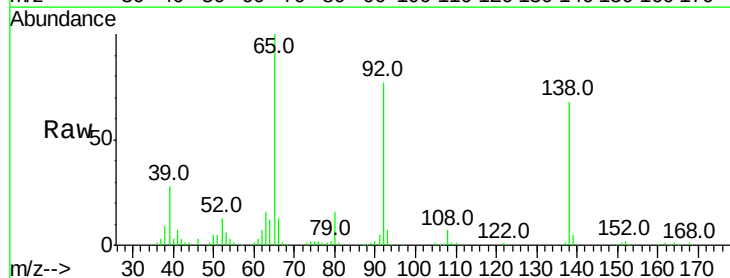
Tgt Ion:138 Resp: 183928

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

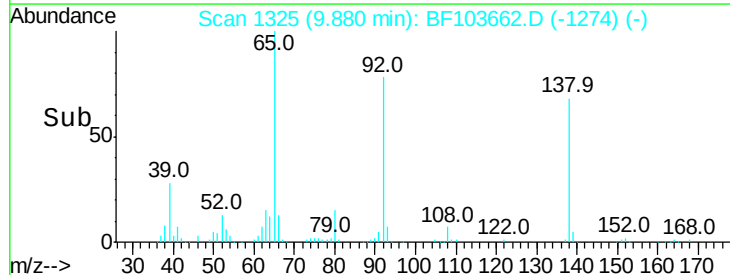
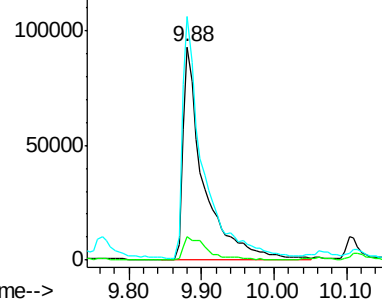
92 114.2 89.4 134.2

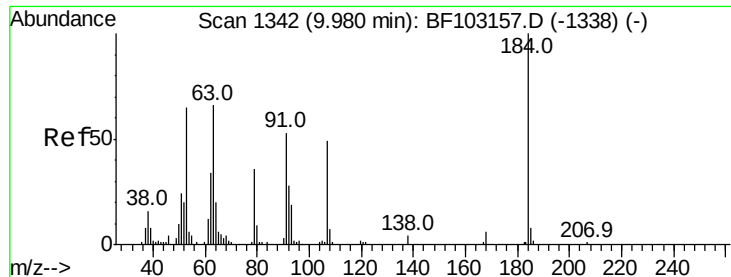


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

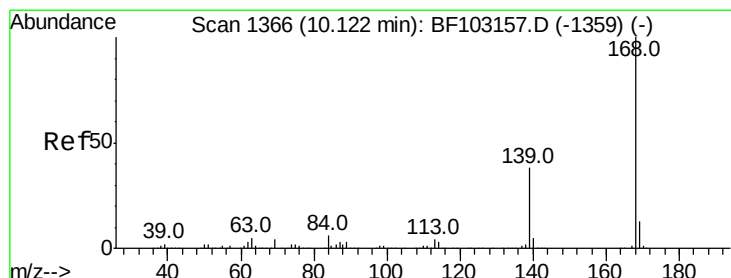
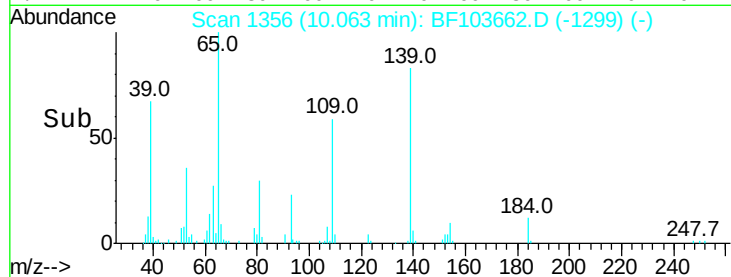
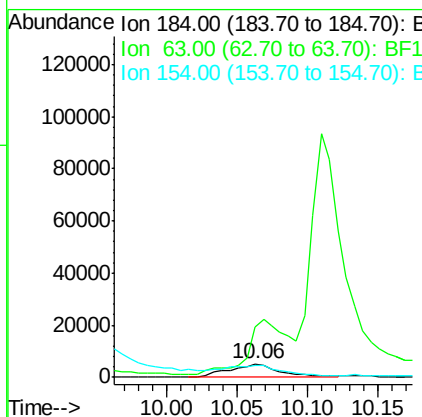
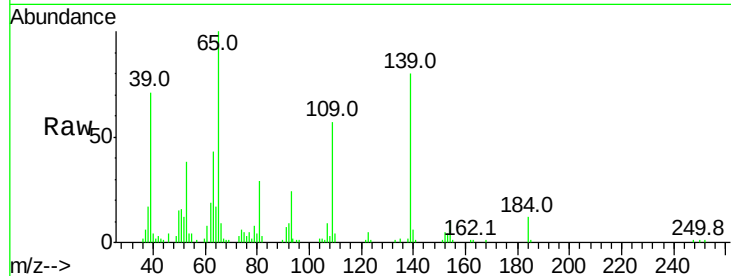




#53
 2,4-Dinitrophenol
 Concen: 18.972 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.04 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

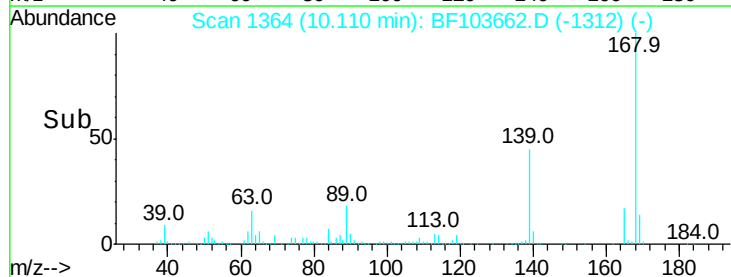
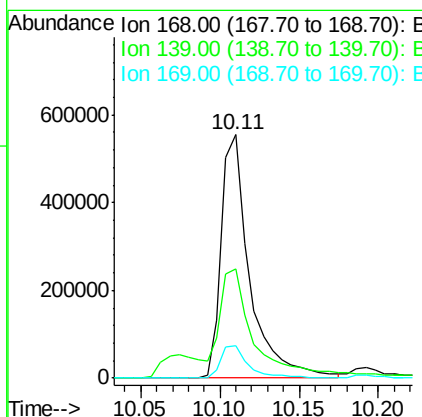
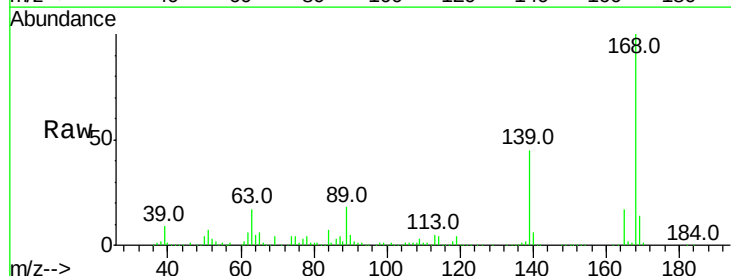
Instrument :
 BNA_F
 ClientSampled :

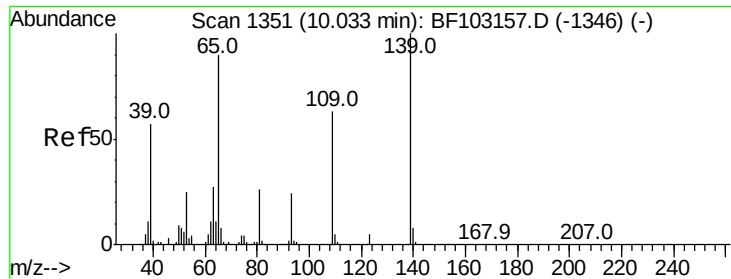
Tot Ion:184 Resp: 13270
 Ion Ratio Lower Upper
 184 100
 63 368.6 54.2 81.2#
 154 90.4 184.0 276.0#



#54
 Dibenzofuran
 Concen: 41.164 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

Tgt Ion:168 Resp: 690020
 Ion Ratio Lower Upper
 168 100
 139 44.7 30.1 45.1
 169 13.5 10.9 16.3





#55

4-Nitrophenol

Concen: 29.989 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampleId :

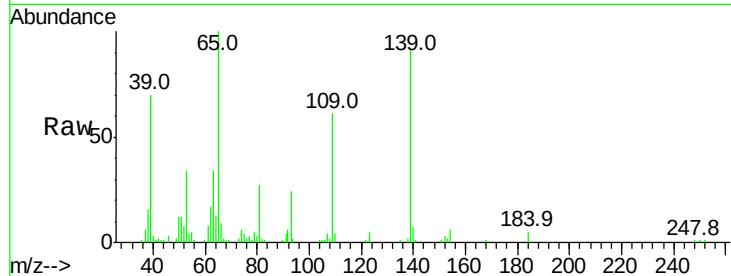
Tot Ion:139 Resp: 81504

Ion Ratio Lower Upper

139 100

109 66.7 48.4 88.4

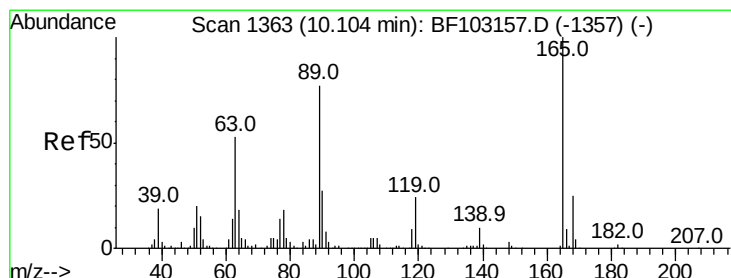
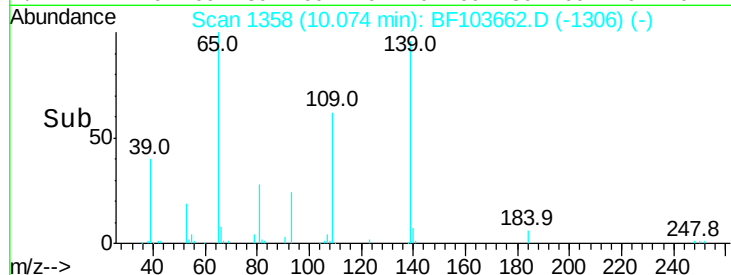
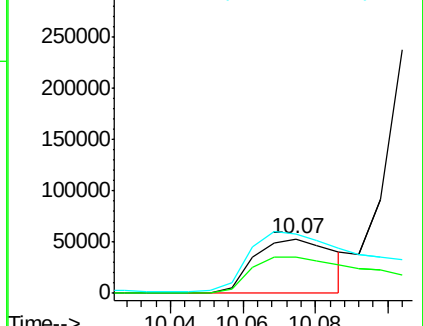
65 109.0 72.6 112.6



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: 37.986 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Tgt Ion:165 Resp: 166050

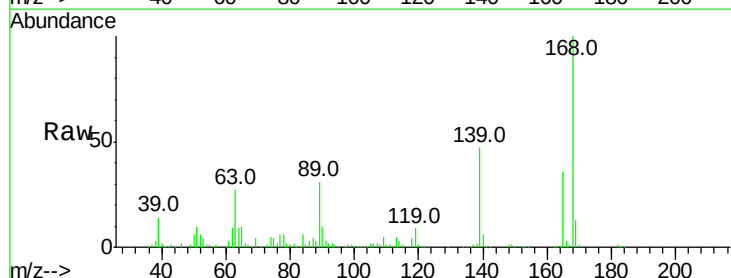
Ion Ratio Lower Upper

165 100

63 75.3 36.4 54.6#

89 85.6 57.8 86.6

182 2.0 1.6 2.4

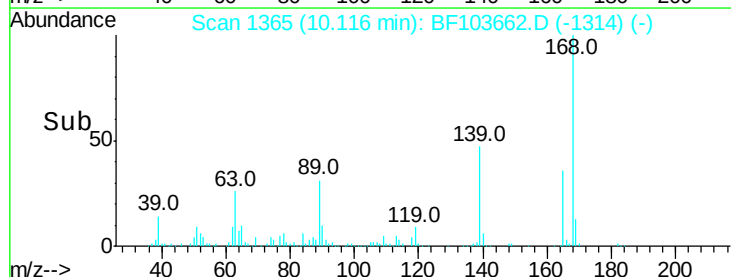
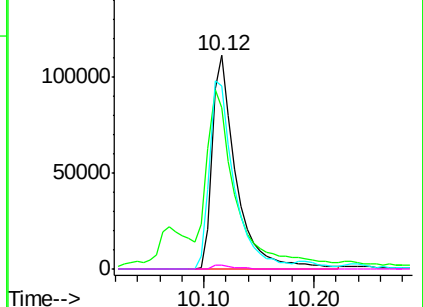


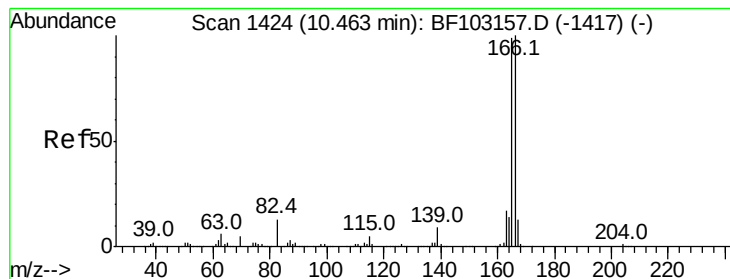
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.000 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampleId :

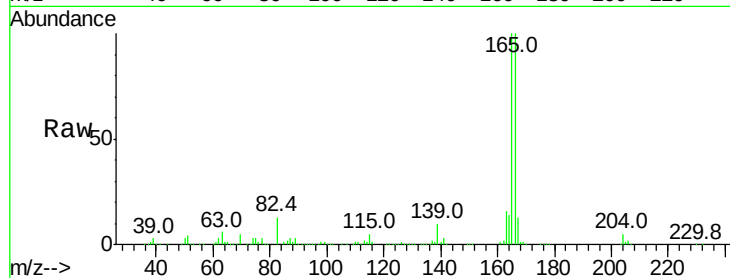
Tot Ion:166 Resp: 556913

Ion Ratio Lower Upper

166 100

165 99.6 79.8 119.8

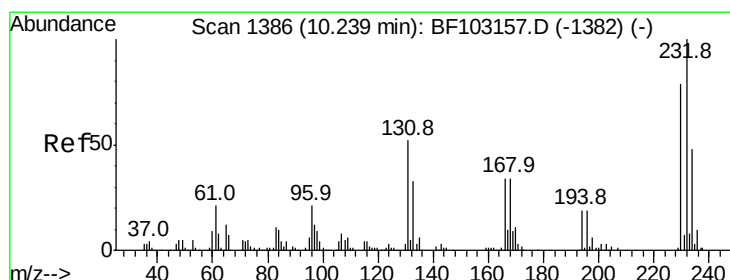
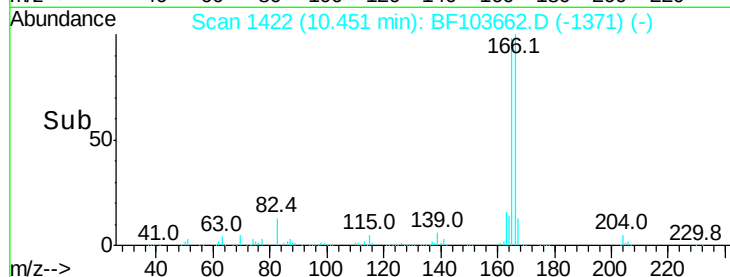
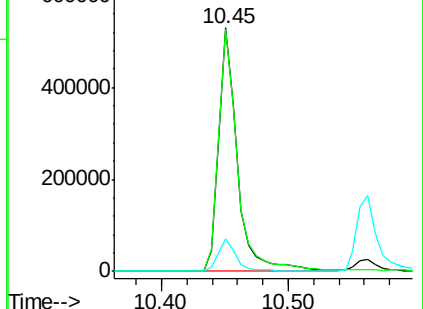
167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.818 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Tgt Ion:232 Resp: 107434

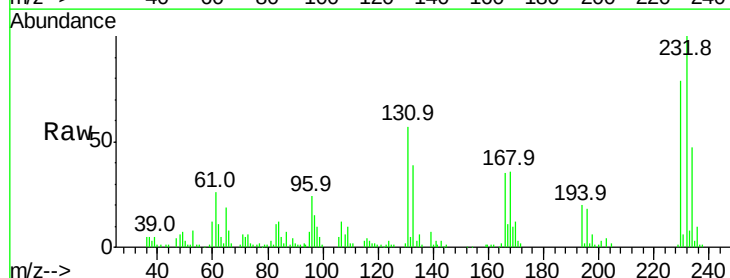
Ion Ratio Lower Upper

232 100

131 55.8 43.8 65.8

130 2.9 2.1 3.1

166 37.6 27.8 41.6

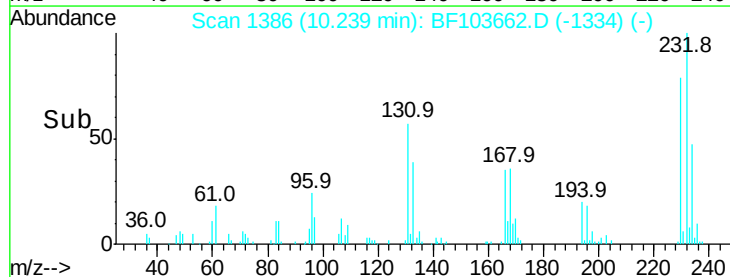
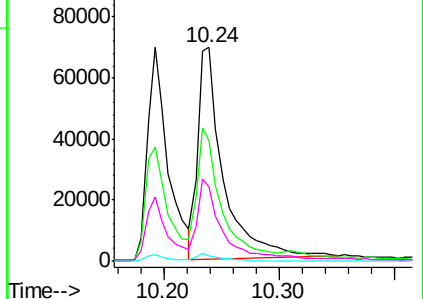


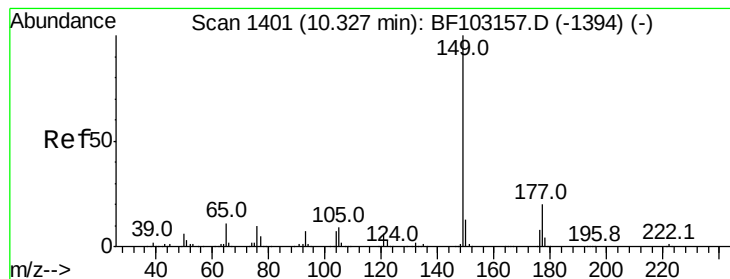
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.085 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampleId :

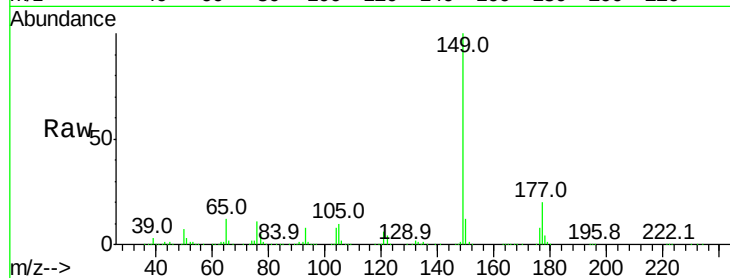
Tot Ion:149 Resp: 647192

Ion Ratio Lower Upper

149 100

177 19.9 16.1 24.1

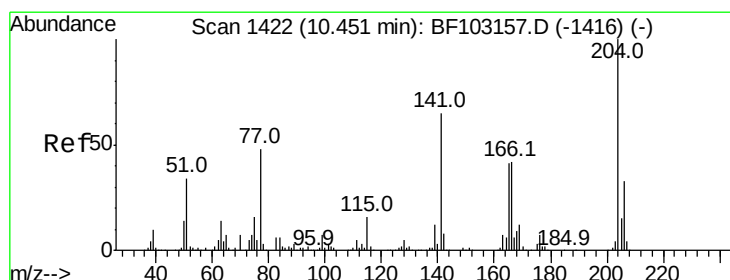
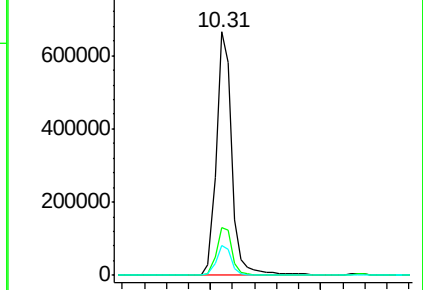
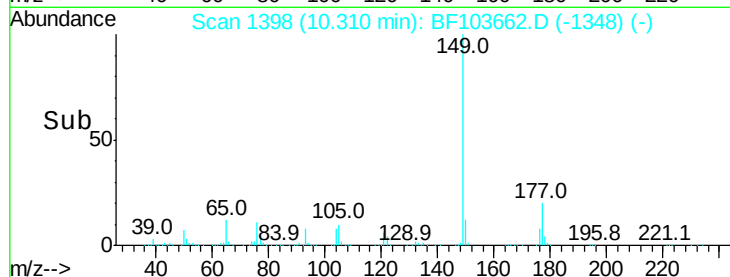
150 12.4 10.1 15.1



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: 42.375 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

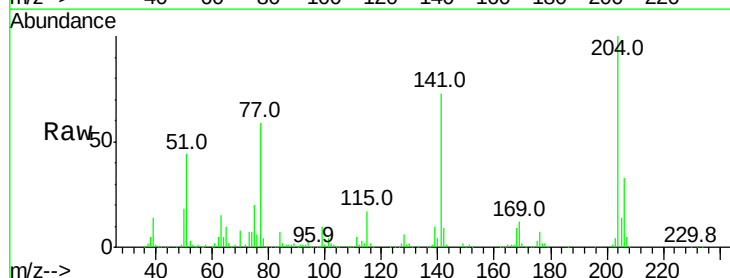
Tgt Ion:204 Resp: 256599

Ion Ratio Lower Upper

204 100

206 33.4 26.5 39.7

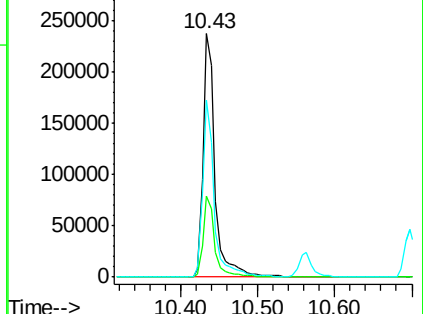
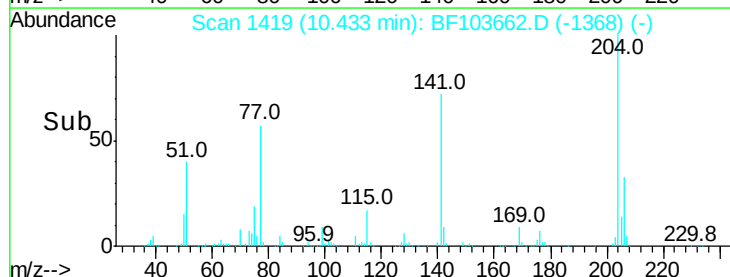
141 72.7 54.6 81.8

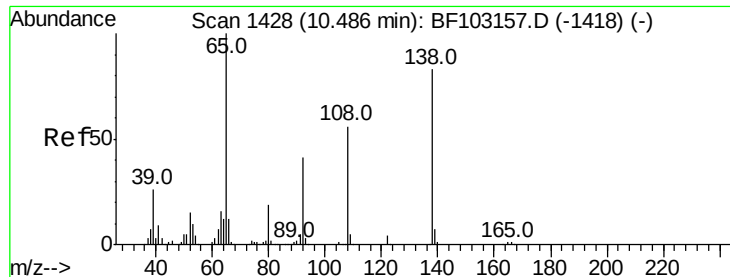


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

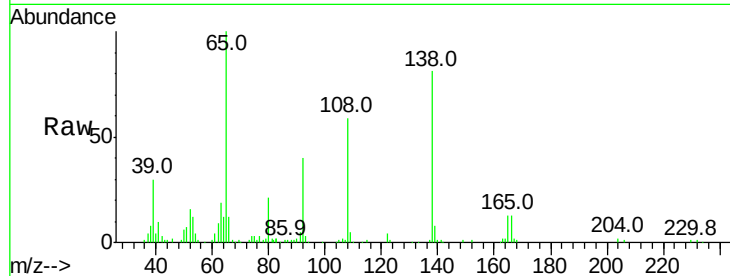




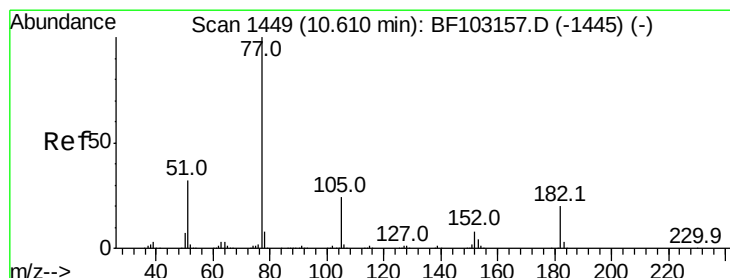
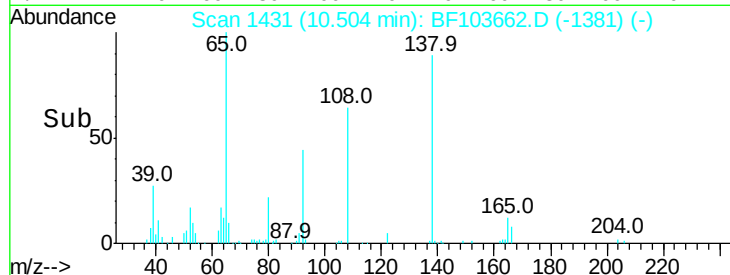
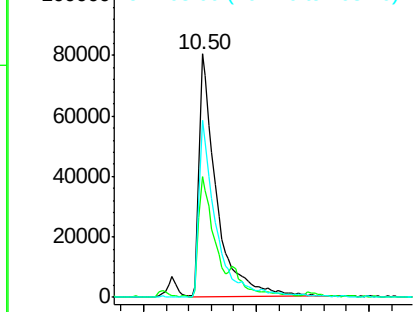
#61
4-Nitroaniline
Concen: 39.753 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF103662.D
Acq: 15 Mar 2018 1:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 174116
Ion Ratio Lower Upper
138 100
92 49.5 30.2 70.2
108 72.8 52.5 92.5

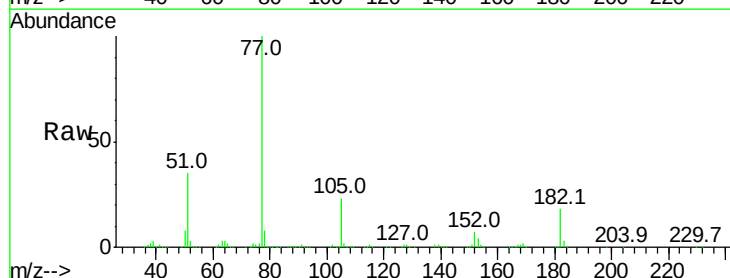


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

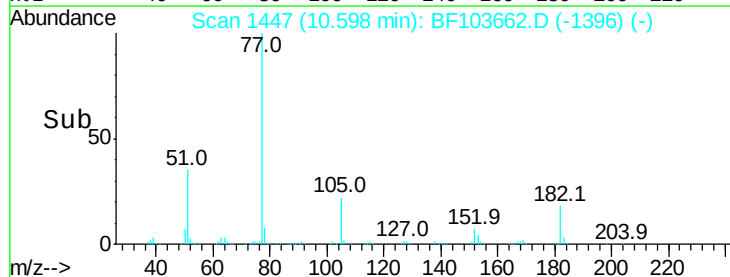
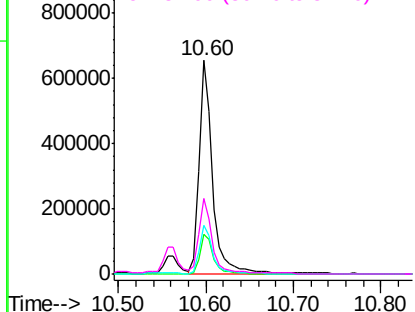


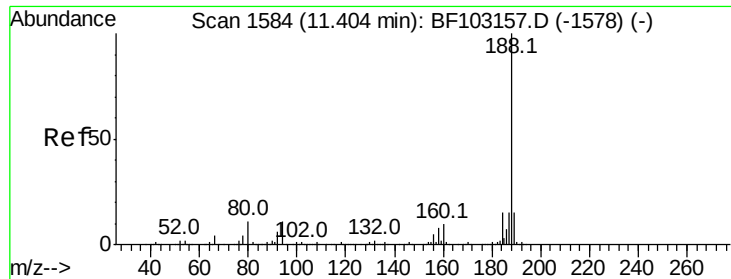
#62
Azobenzene
Concen: 43.025 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF103662.D
Acq: 15 Mar 2018 1:51

Tgt Ion: 77 Resp: 689875
Ion Ratio Lower Upper
77 100
182 18.3 1.7 41.7
105 22.8 3.0 43.0
51 35.2 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampleId :

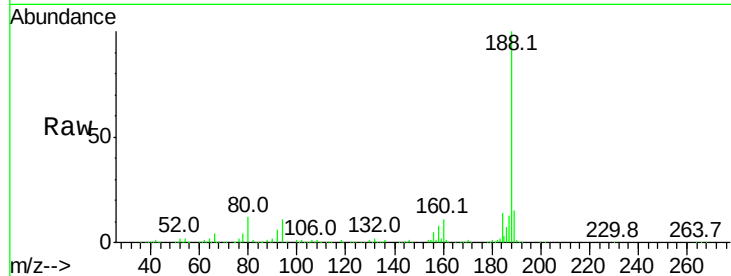
Tot Ion:188 Resp: 337022

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

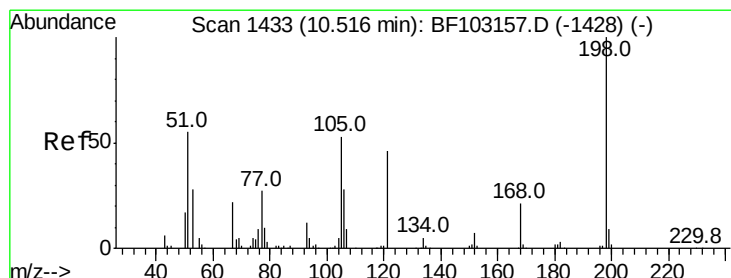
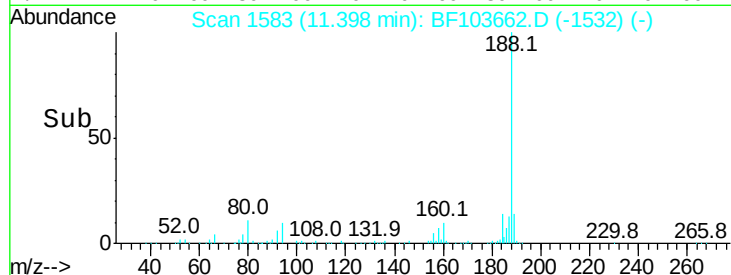
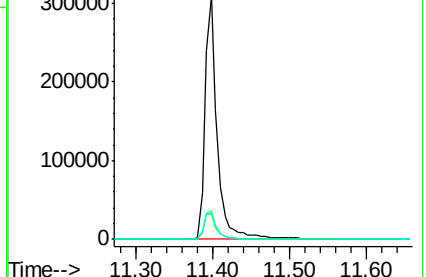
80 11.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 13.641 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

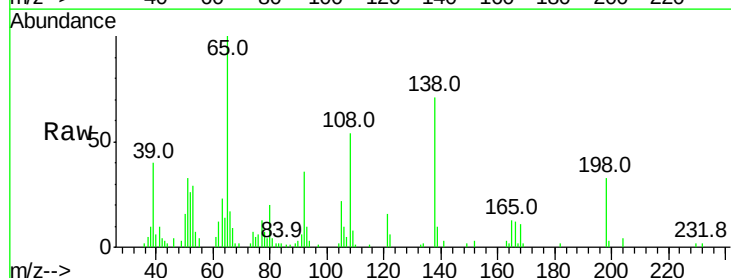
Tgt Ion:198 Resp: 19880

Ion Ratio Lower Upper

198 100

51 99.5 37.7 77.7#

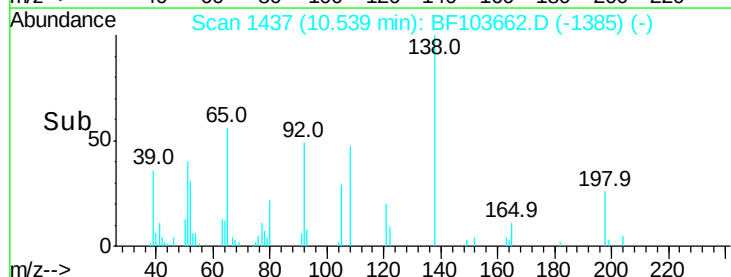
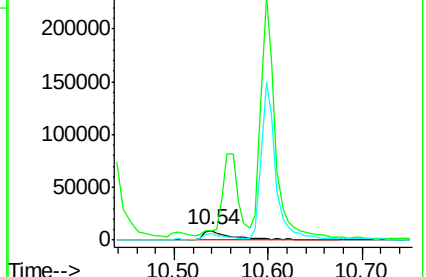
105 65.5 36.3 76.3

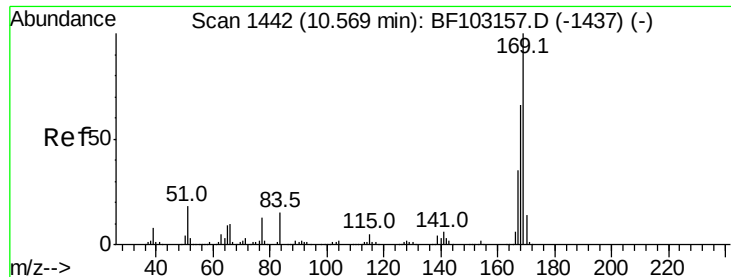


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.552 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampled :

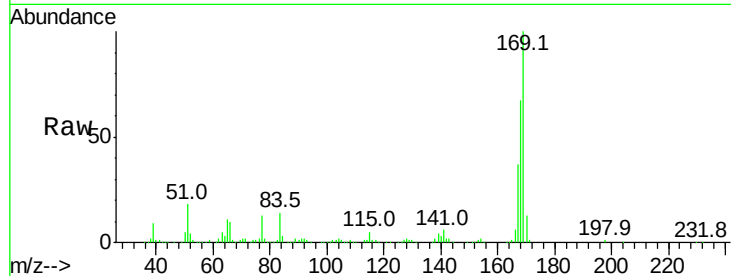
Tot Ion:169 Resp: 499329

Ion Ratio Lower Upper

169 100

168 67.1 54.4 81.6

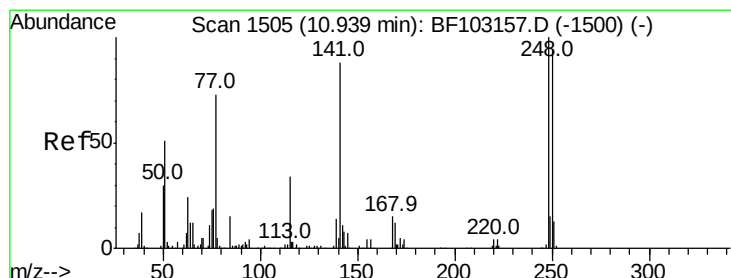
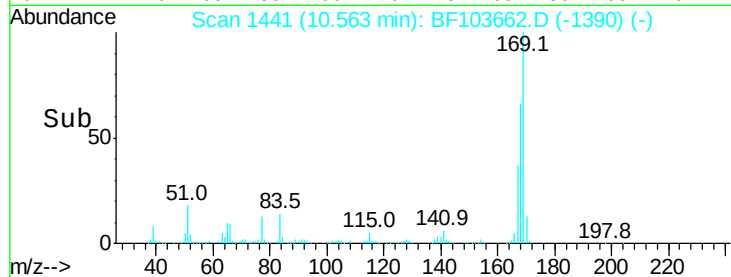
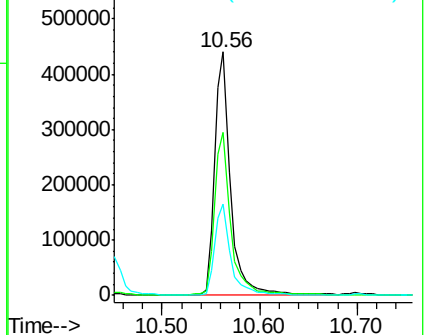
167 37.3 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.455 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

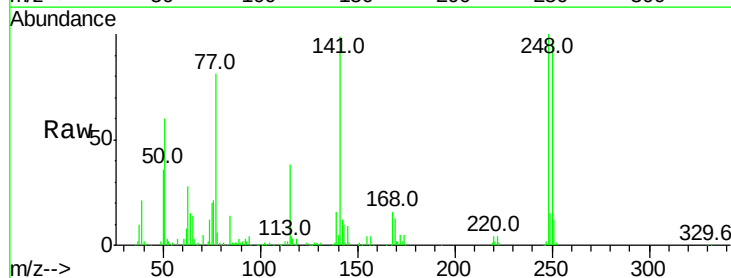
Tgt Ion:248 Resp: 138517

Ion Ratio Lower Upper

248 100

250 96.2 76.9 115.3

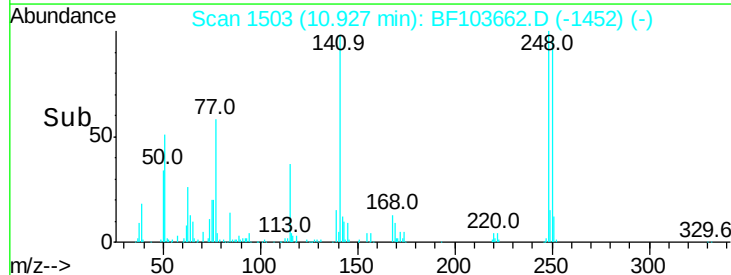
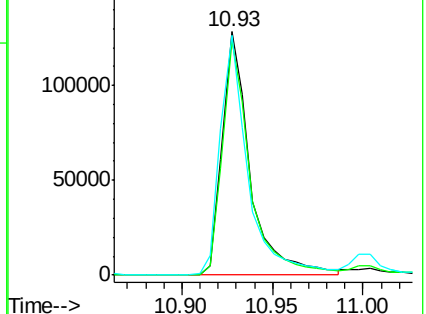
141 98.6 74.4 111.6

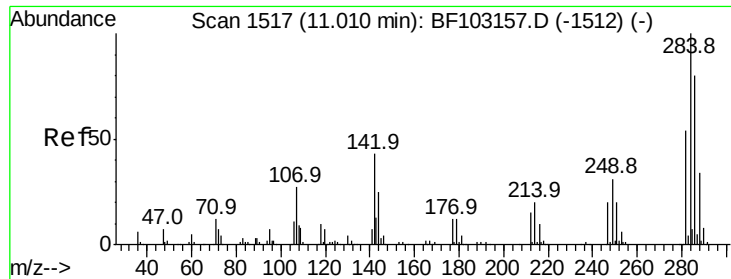


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

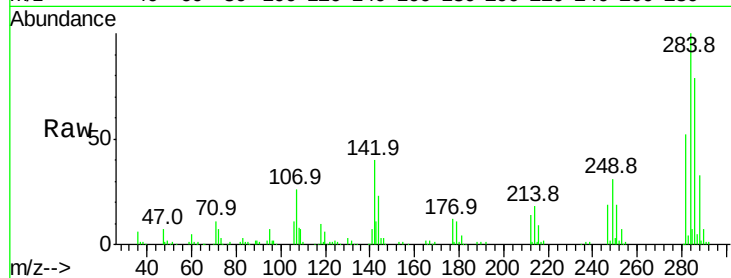




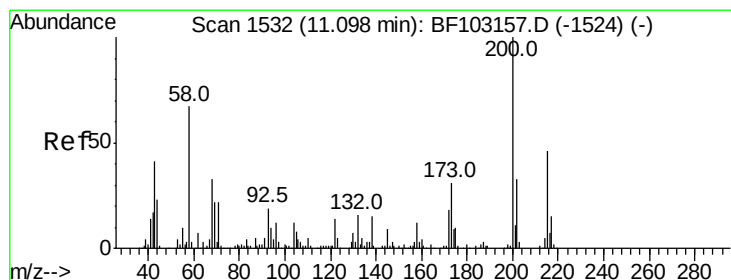
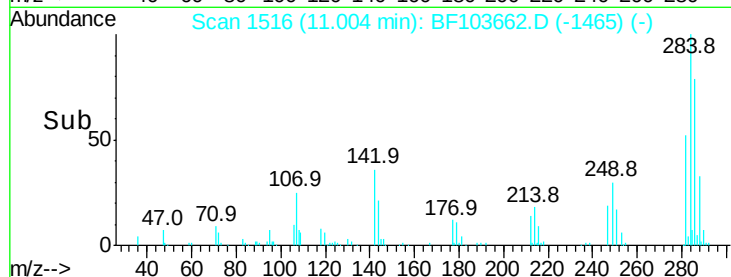
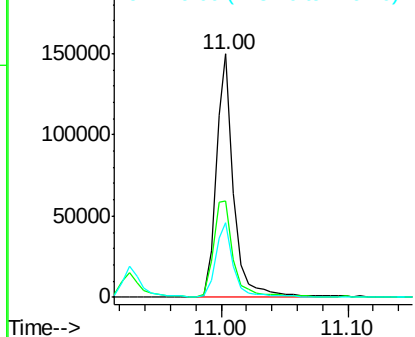
#67
Hexachlorobenzene
Concen: 37.904 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF103662.D
Acq: 15 Mar 2018 1:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 144436
Ion Ratio Lower Upper
284 100
142 39.8 34.6 52.0
249 30.6 24.8 37.2

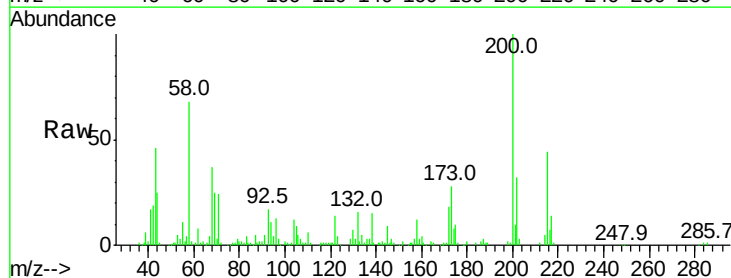


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

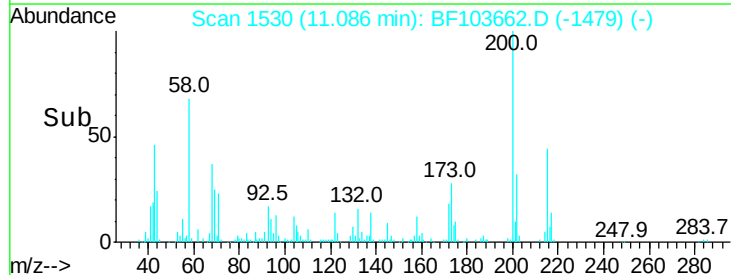
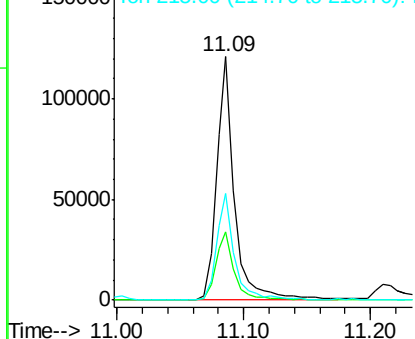


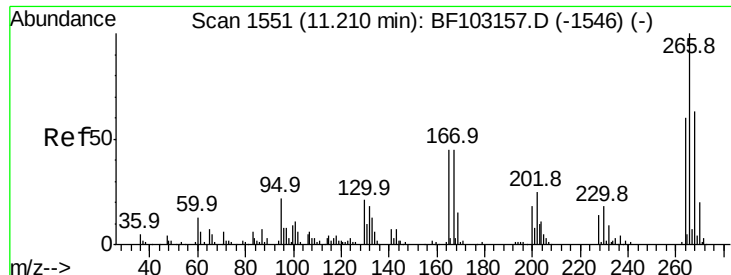
#68
Atrazine
Concen: 33.775 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF103662.D
Acq: 15 Mar 2018 1:51

Tgt Ion:200 Resp: 119127
Ion Ratio Lower Upper
200 100
173 28.0 8.6 48.6
215 43.8 25.1 65.1



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

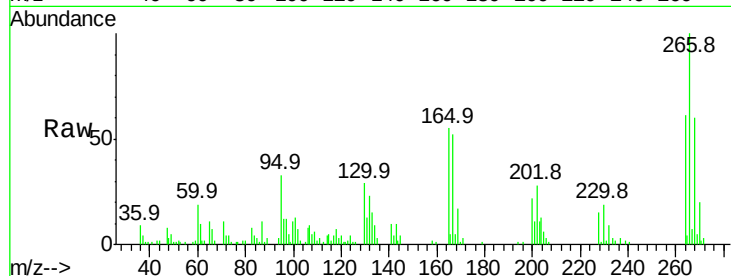




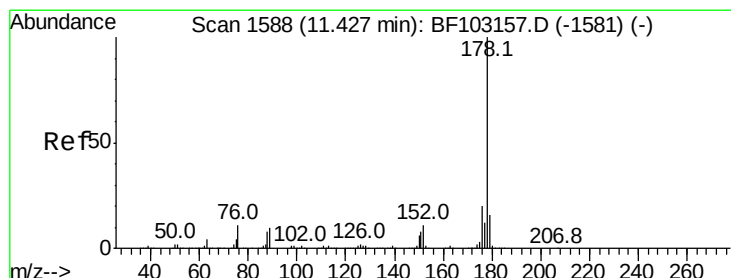
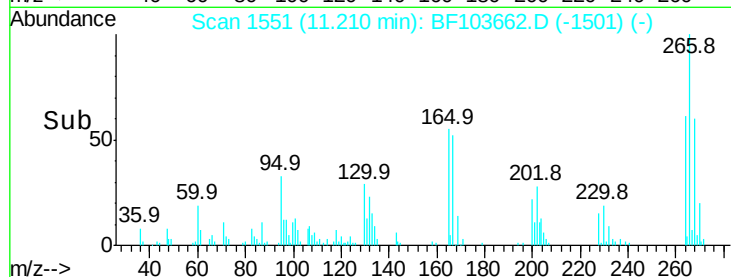
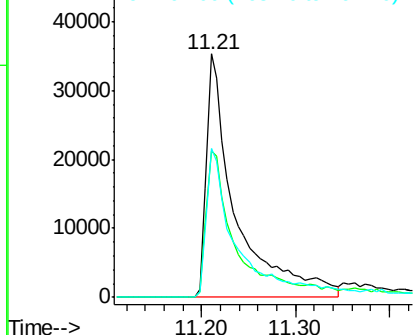
#69
 Pentachlorophenol
 Concen: 41.826 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 77064
 Ion Ratio Lower Upper
 266 100
 268 60.3 51.1 76.7
 264 61.2 49.5 74.3

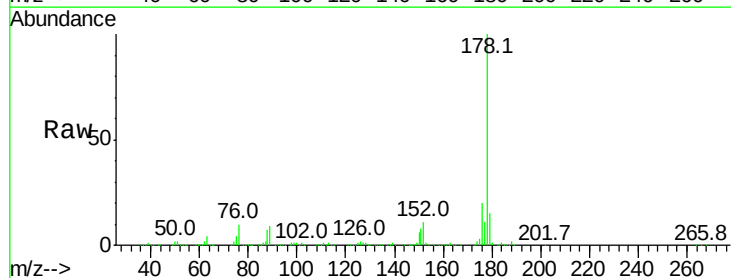


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

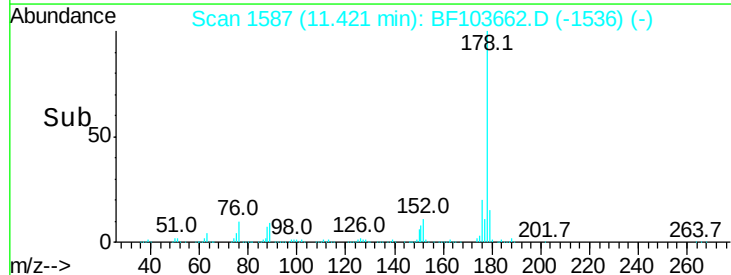
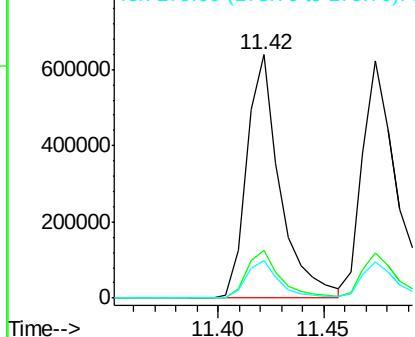


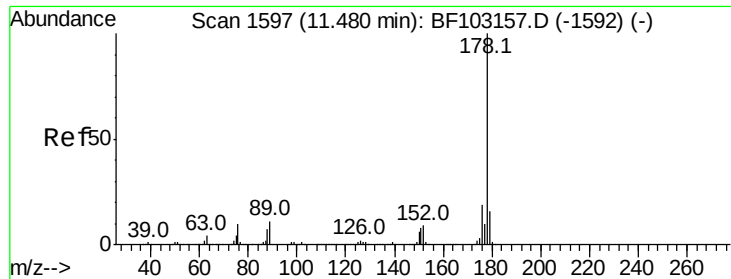
#70
 Phenanthrene
 Concen: 37.664 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

Tgt Ion:178 Resp: 698560
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.2 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

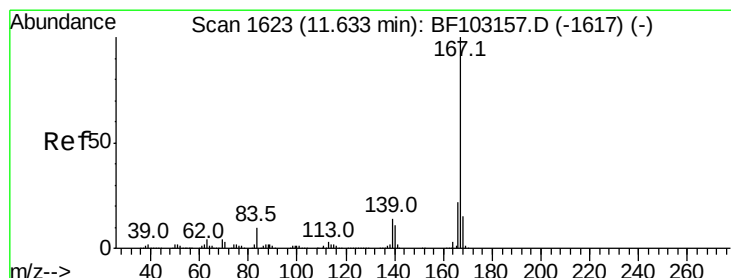
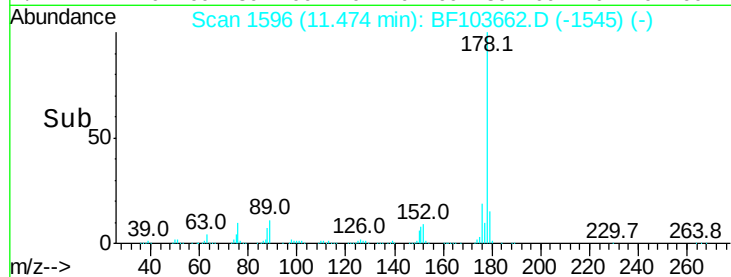
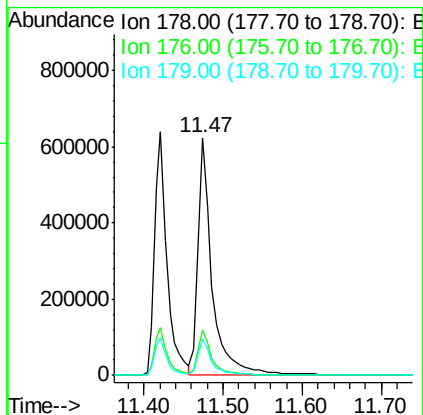
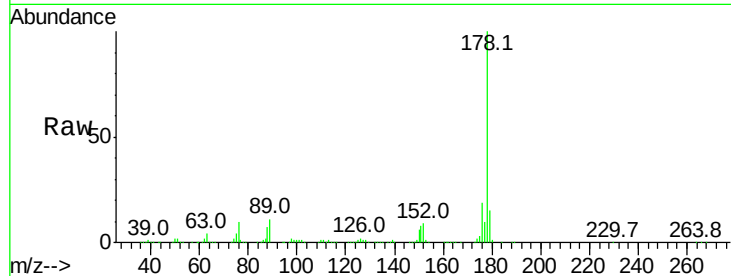




#71
 Anthracene
 Concen: 41.580 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

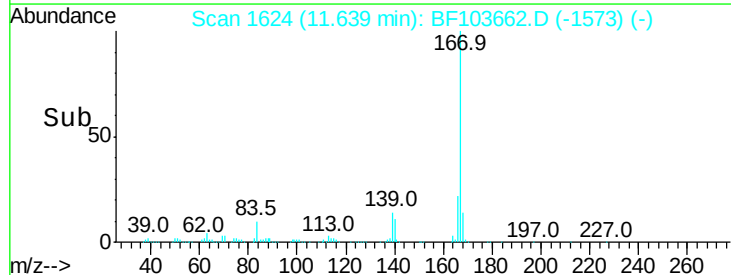
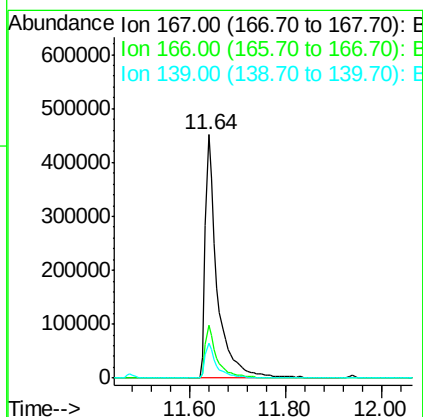
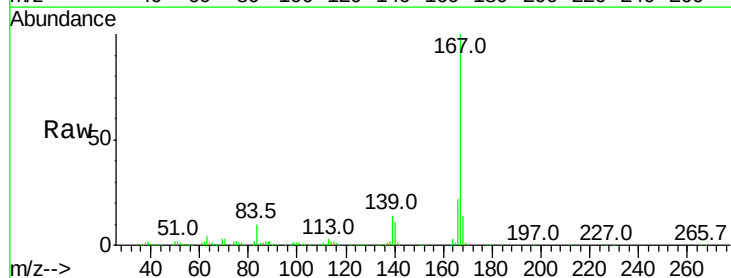
Instrument :
 BNA_F
 ClientSampleId :

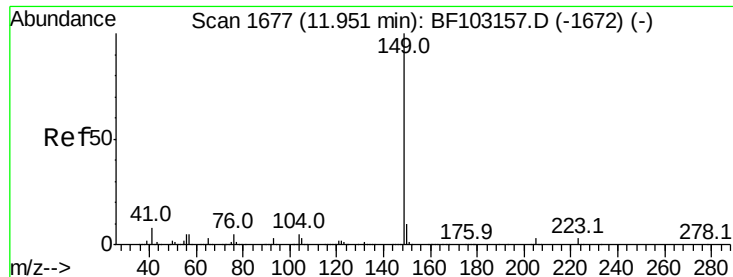
Tot Ion:178 Resp: 790822
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 40.693 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

Tgt Ion:167 Resp: 770721
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 14.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.066 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

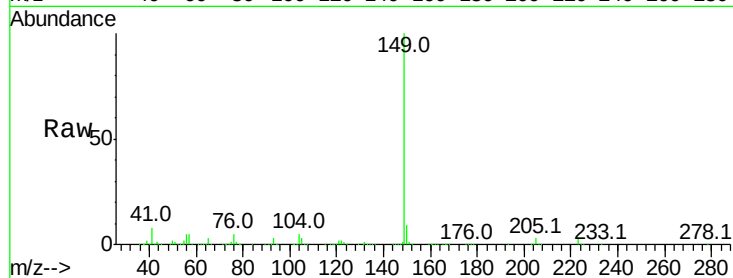
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1020639

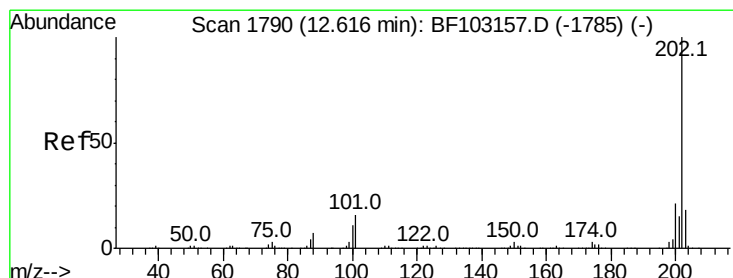
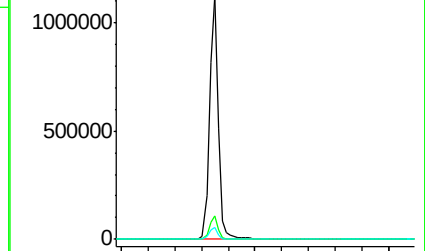
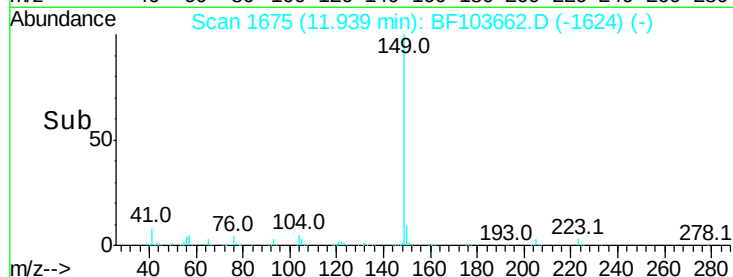
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	5.0	3.8	5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.569 ng

RT: 12.62 min Scan# 1790

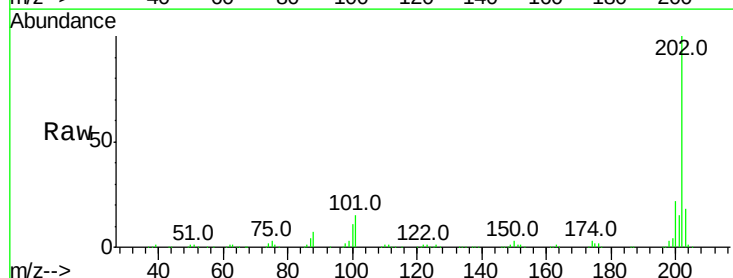
Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Tgt Ion:202 Resp: 662931

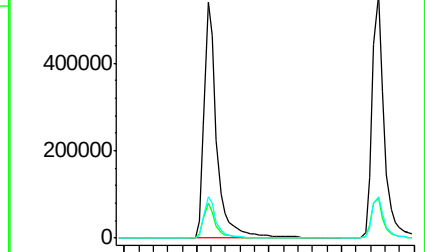
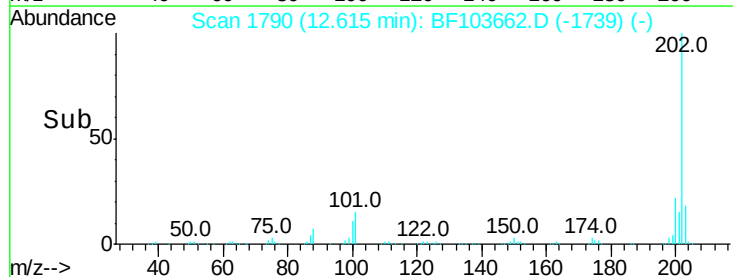
Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	34.1
203	17.7	0.0	38.1

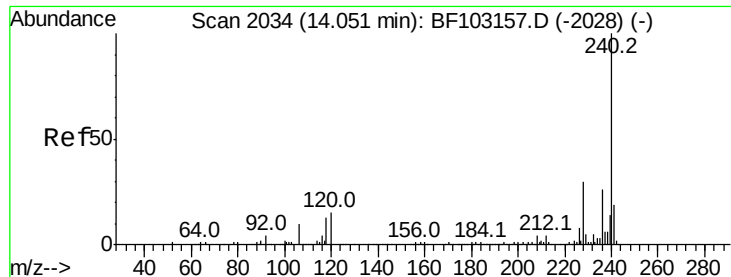


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampled :

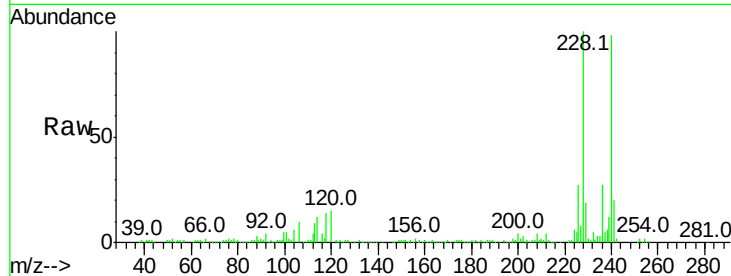
Tot Ion:240 Resp: 195361

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

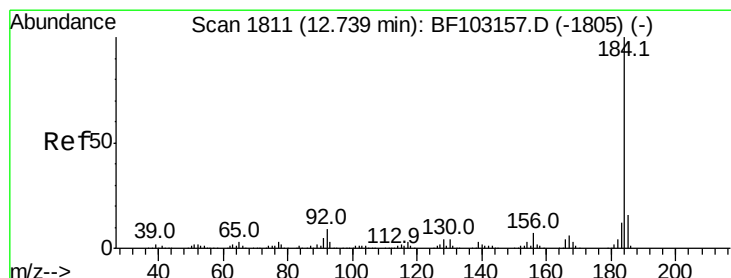
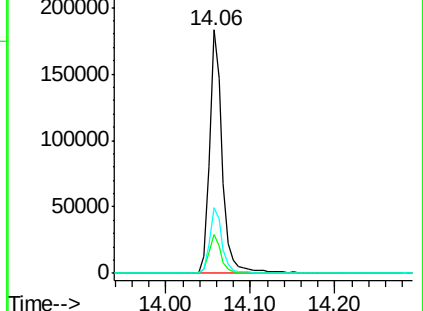
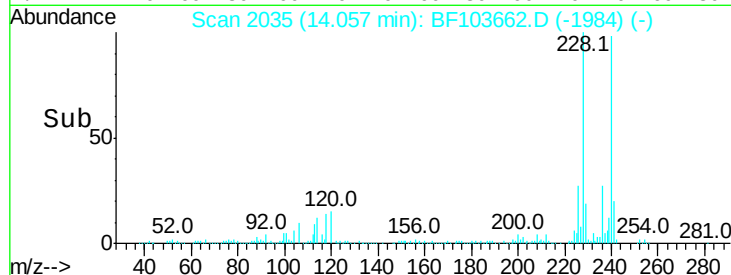
236 27.2 20.7 31.1



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: 46.822 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

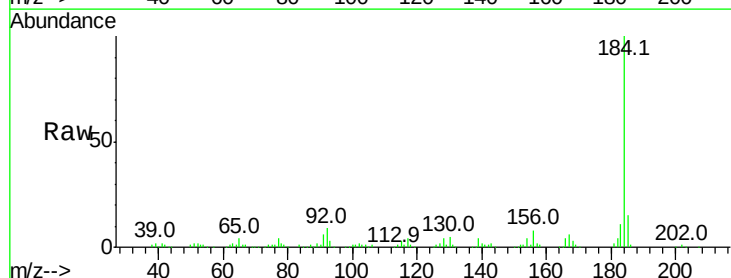
Tgt Ion:184 Resp: 341969

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

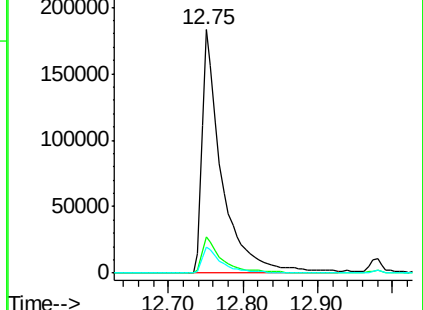
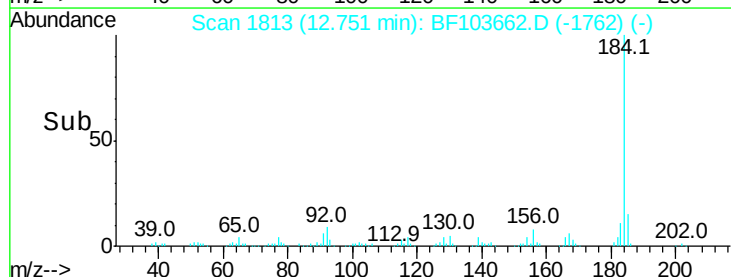
183 10.8 9.3 13.9

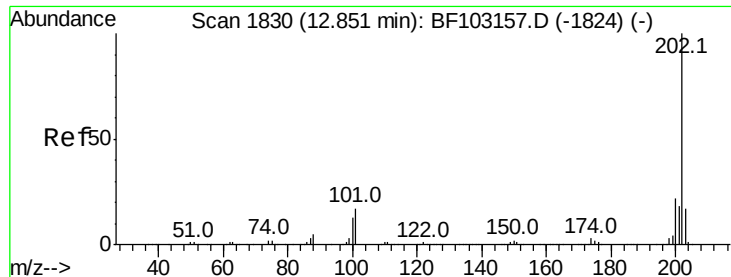


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

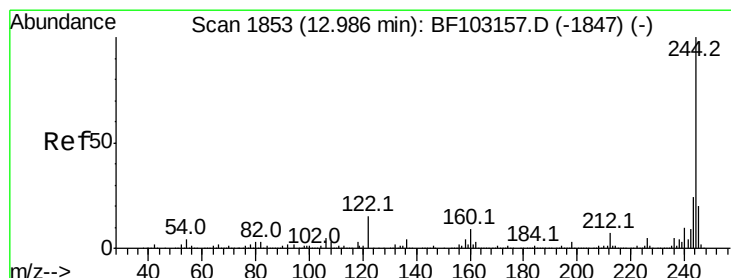
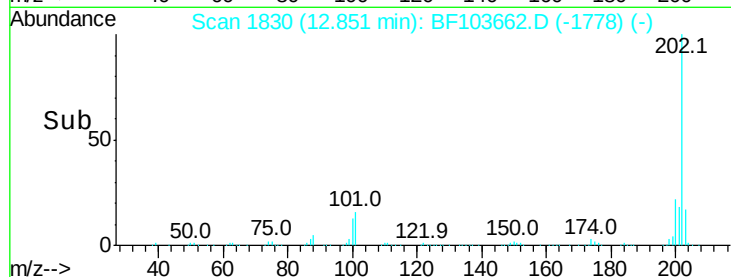
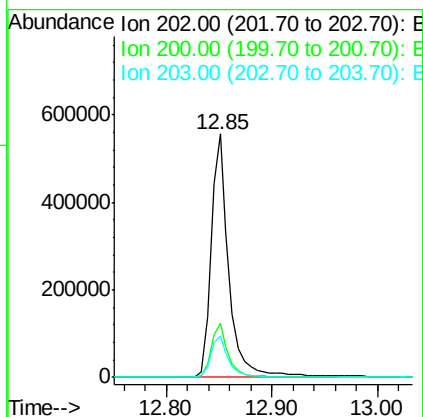
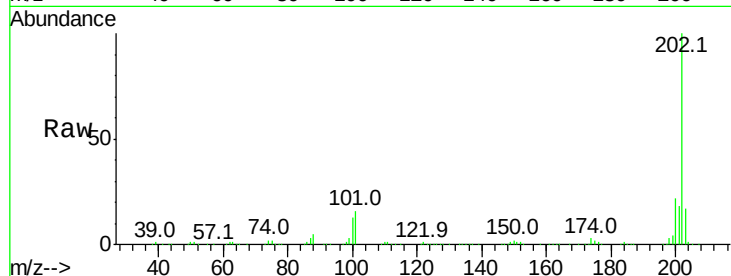




#77
 Pvrene
 Concen: 42.548 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. 0.01 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

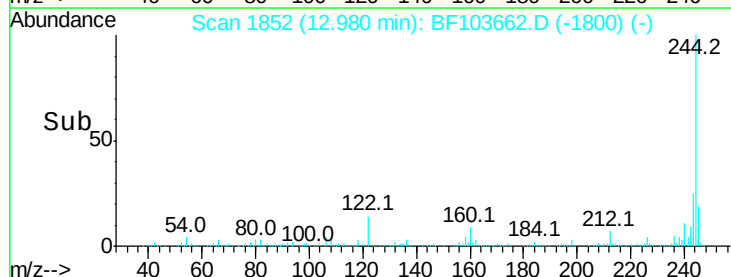
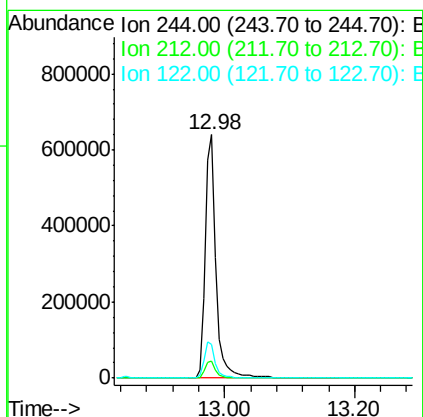
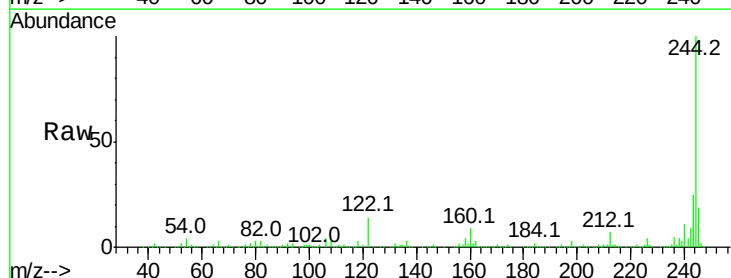
Instrument :
 BNA_F
 ClientSampleId :

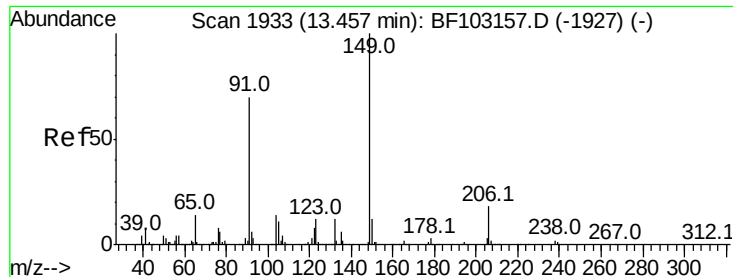
Tot Ion:202 Resp: 648075
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.4 26.2
 203 17.3 14.3 21.5



#78
 Terphenyl-d14
 Concen: 89.648 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

Tgt Ion:244 Resp: 728563
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.0 11.0 16.4





#79

Butylbenzylphthalate

Concen: 47.466 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampleId :

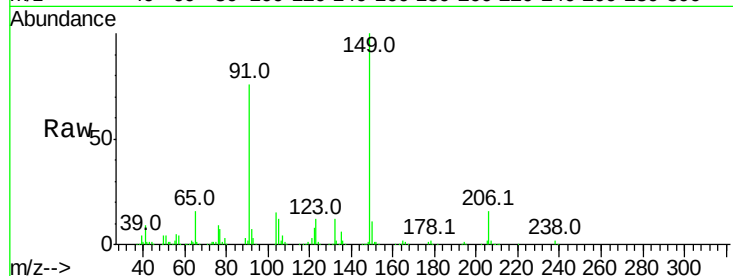
Tot Ion:149 Resp: 381976

Ion Ratio Lower Upper

149 100

91 76.0 56.8 85.2

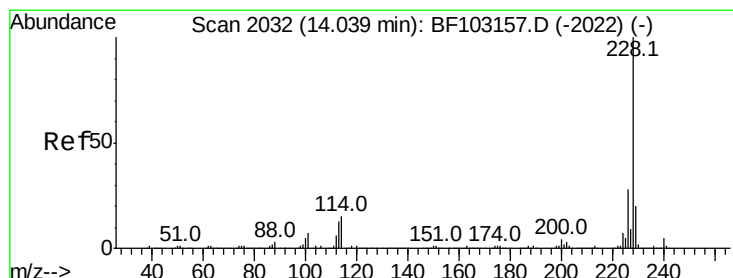
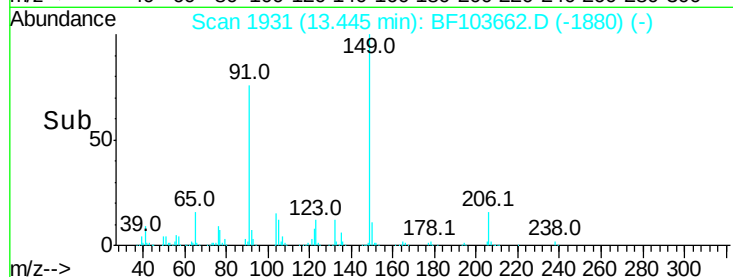
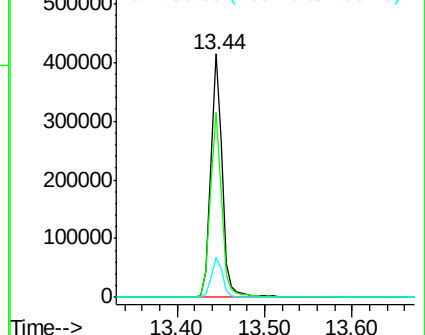
206 16.4 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.135 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

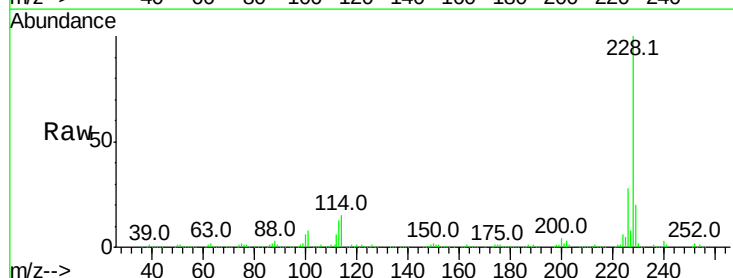
Tgt Ion:228 Resp: 470713

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

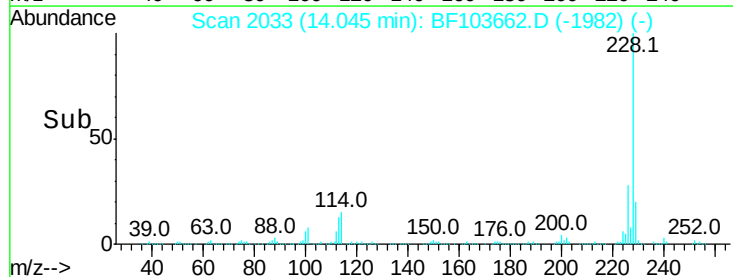
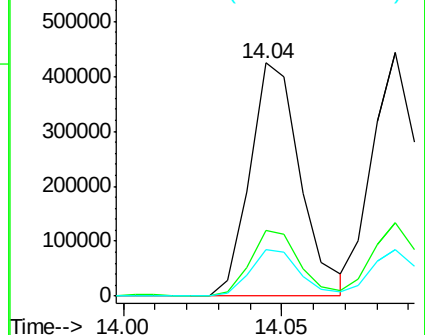
229 20.1 15.8 23.6

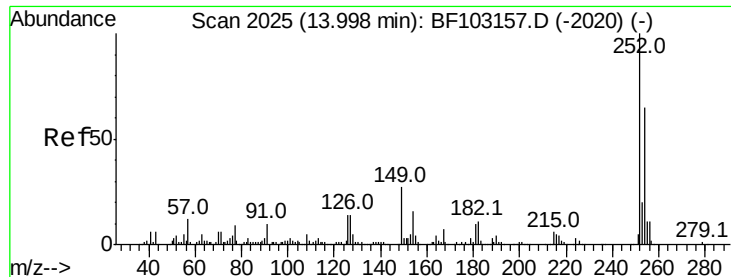


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

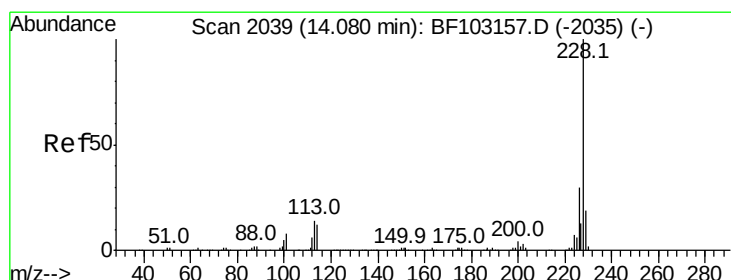
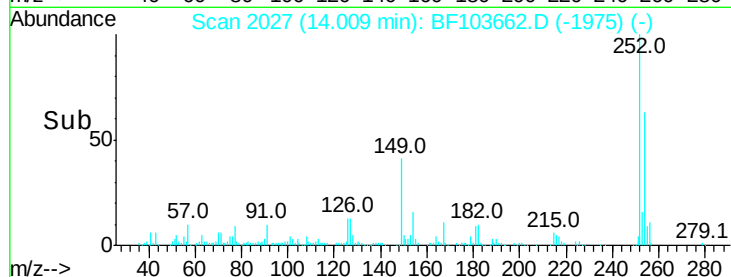
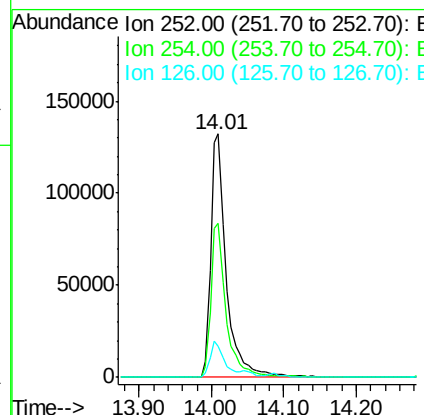
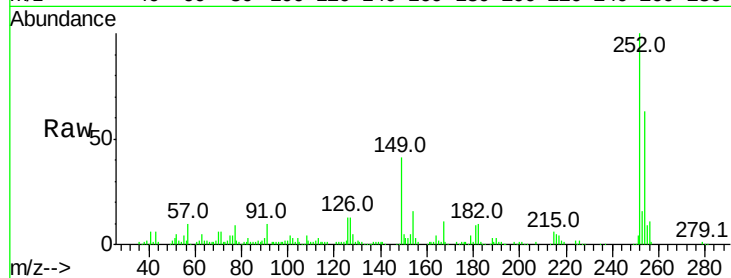




#81
 3,3'-Dichlorobenzidine
 Concen: 43.423 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

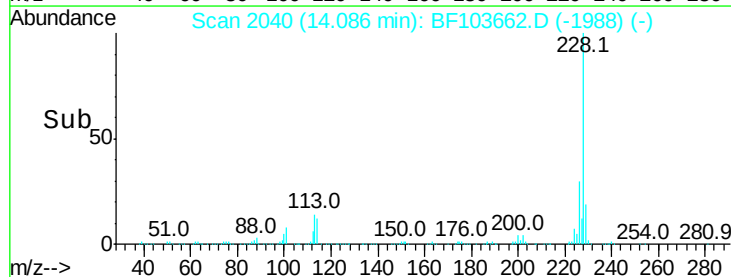
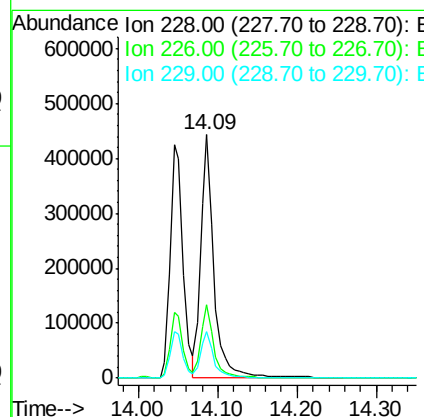
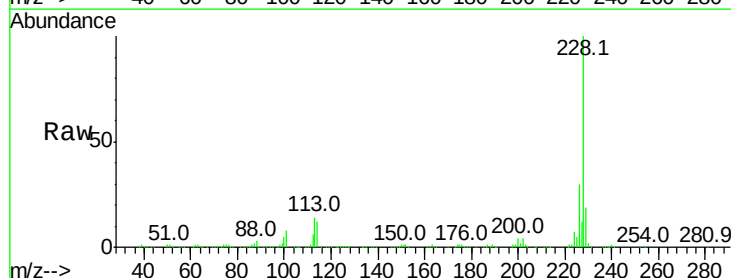
Instrument :
 BNA_F
 ClientSampleId :

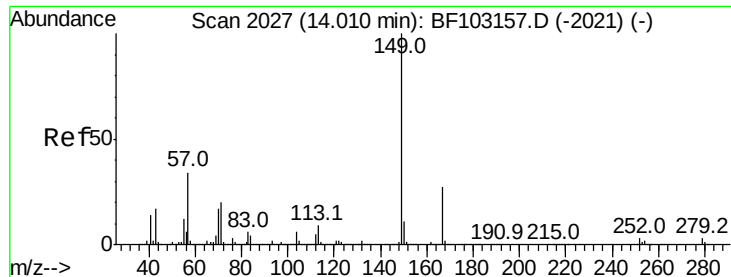
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.4	75.6
126	12.7	11.3	16.9



#82
 Chrysene
 Concen: 42.020 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	19.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.656 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampleId :

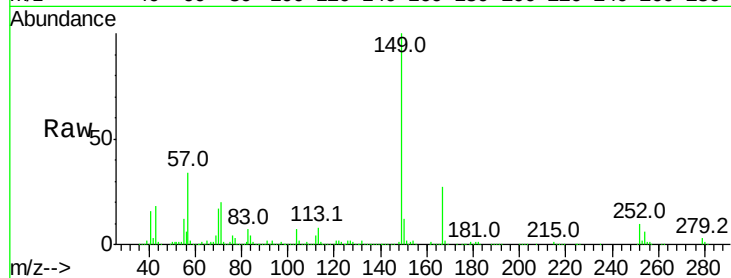
Tot Ion:149 Resp: 506676

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

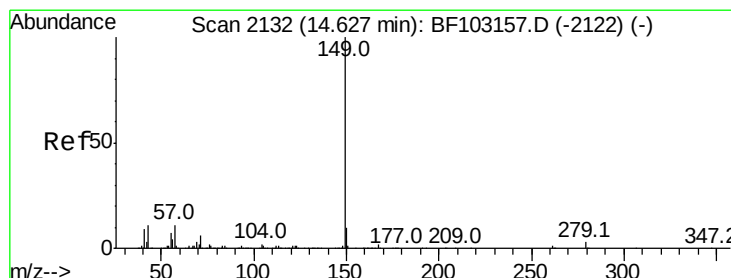
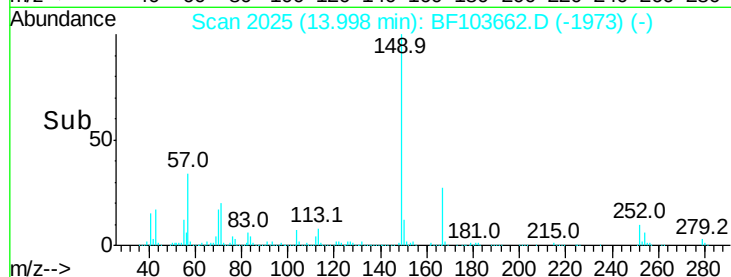
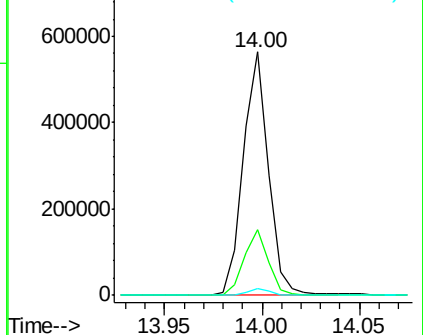
279 2.9 3.0 4.4#



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: 44.919 ng

RT: 14.63 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

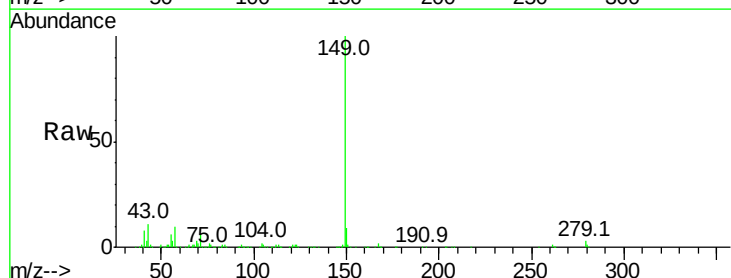
Tgt Ion:149 Resp: 788151

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

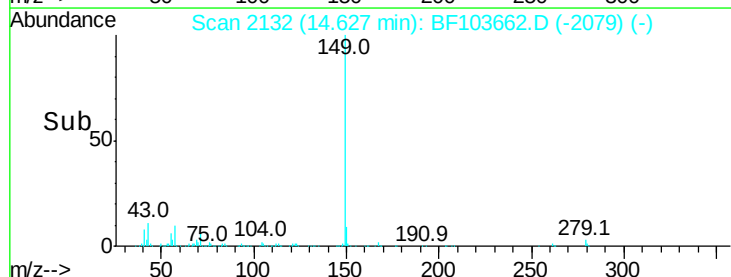
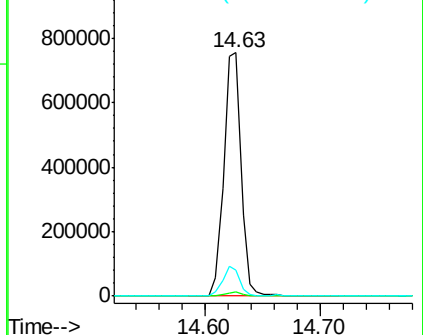
43 11.6 8.4 12.6

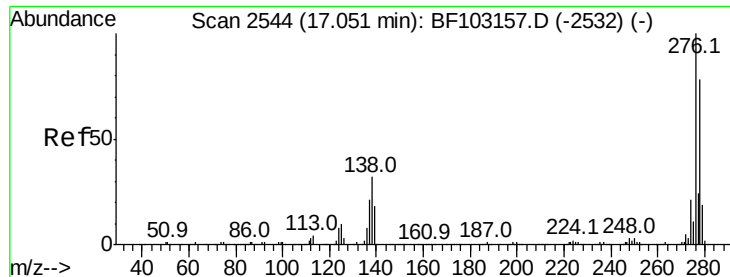


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

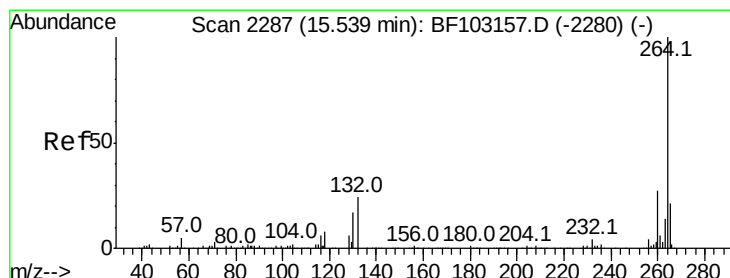
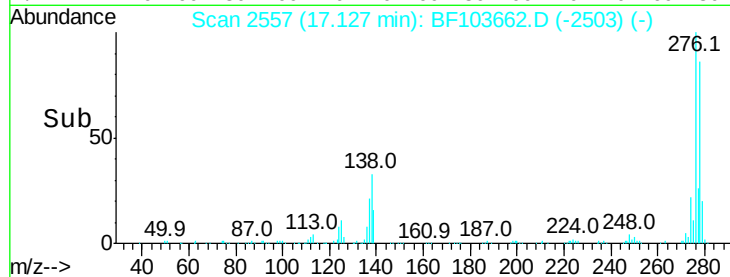
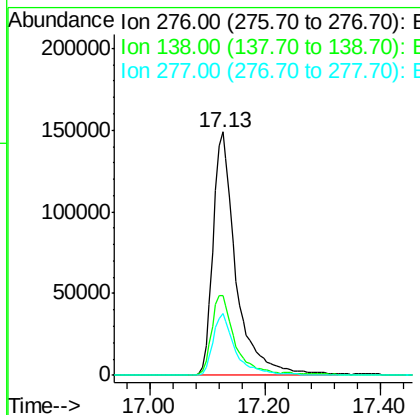
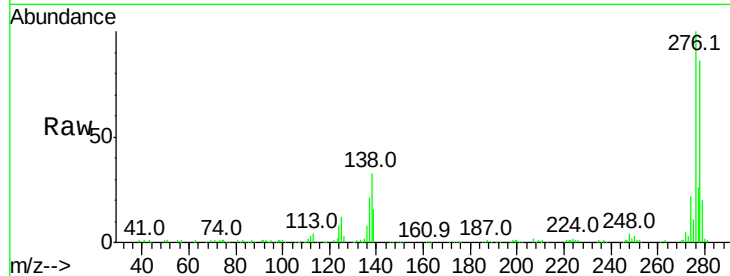




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.470 ng
 RT: 17.13 min Scan# 2557
 Delta R.T. 0.02 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

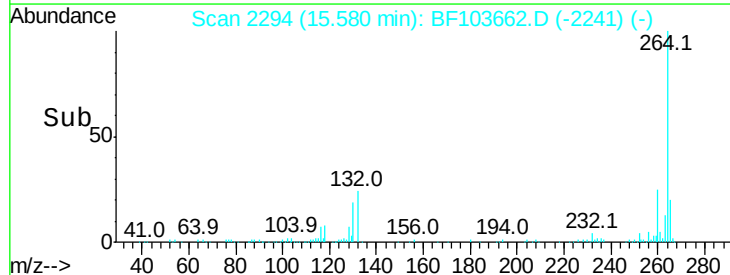
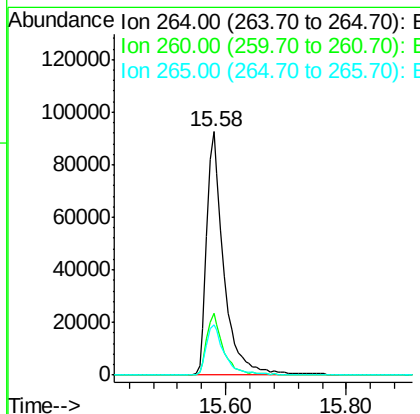
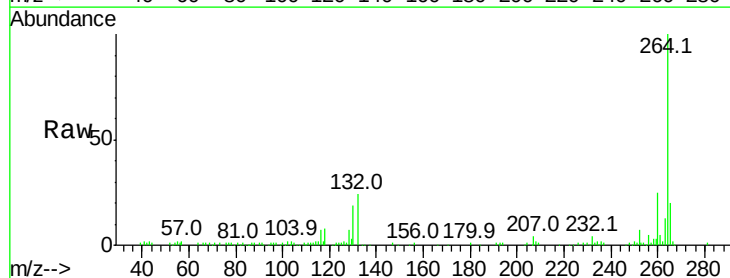
Instrument :
 BNA_F
 ClientSampleId :

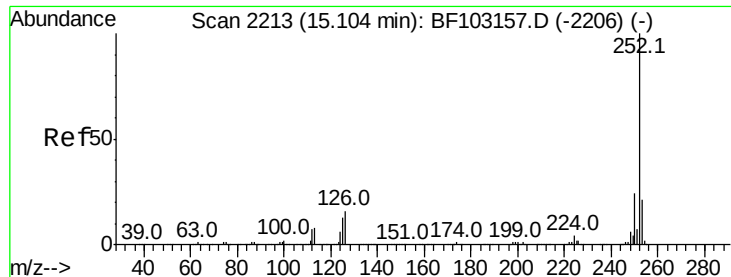
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	25.0	37.6
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF103662.D
 Acq: 15 Mar 2018 1:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	20.5	17.5	26.3

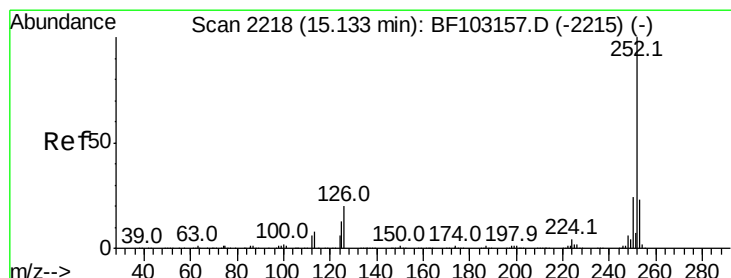
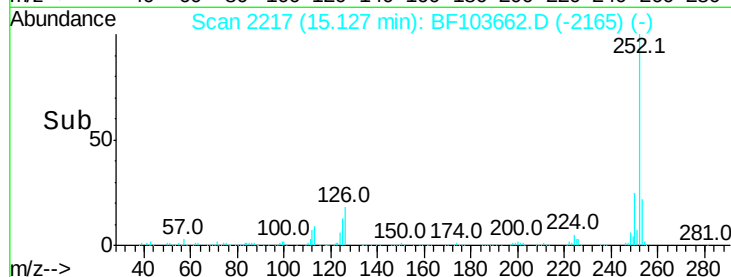
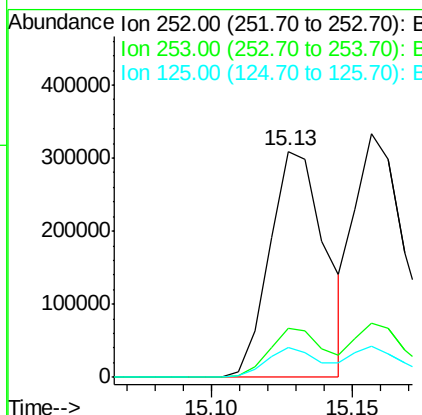
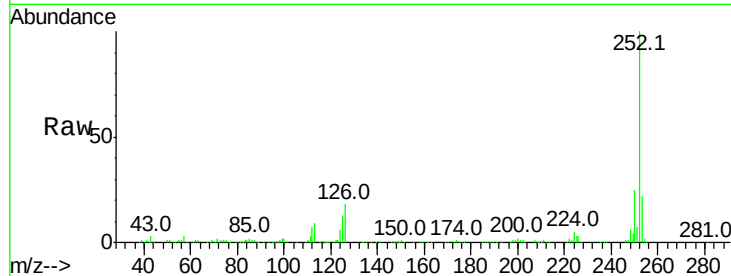




#87
Benzo(b)fluoranthene
Concen: 34.880 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103662.D
Acq: 15 Mar 2018 1:51

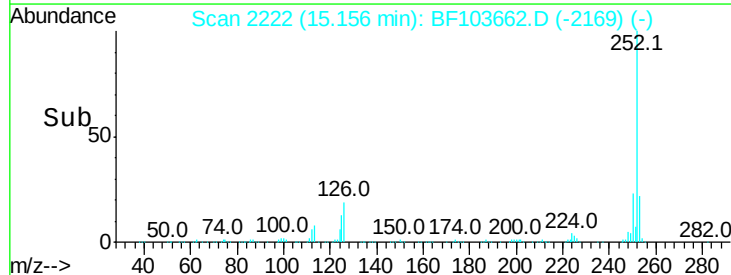
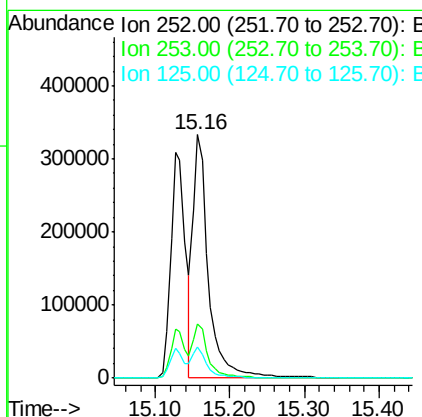
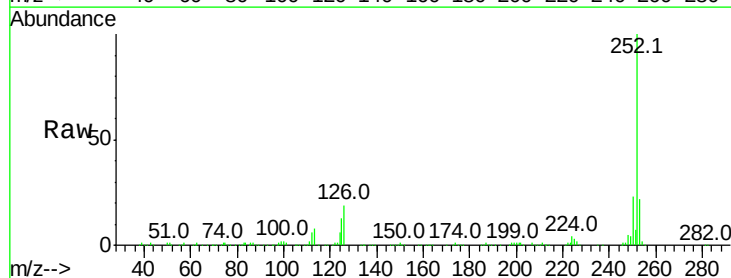
Instrument :
BNA_F
ClientSampleId :

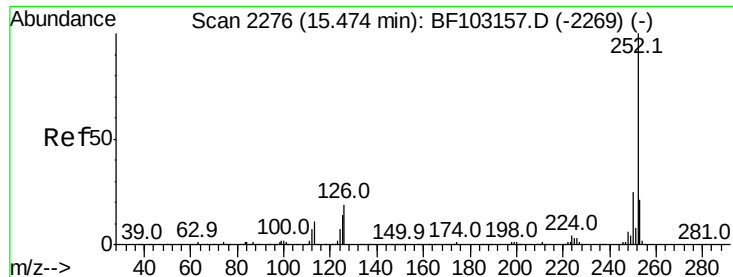
Tot Ion:252 Resp: 422854
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 13.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.647 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BF103662.D
Acq: 15 Mar 2018 1:51

Tgt Ion:252 Resp: 475430
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 12.9 10.2 15.2

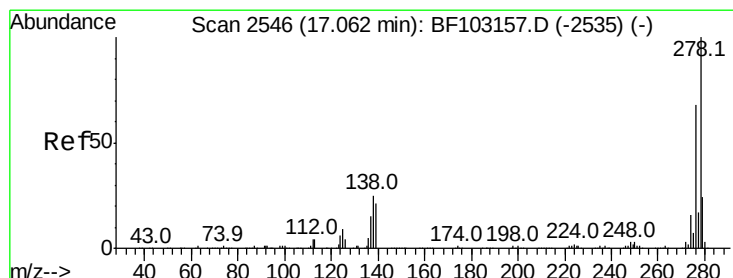
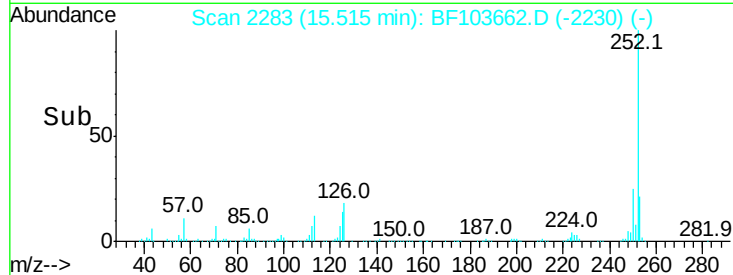
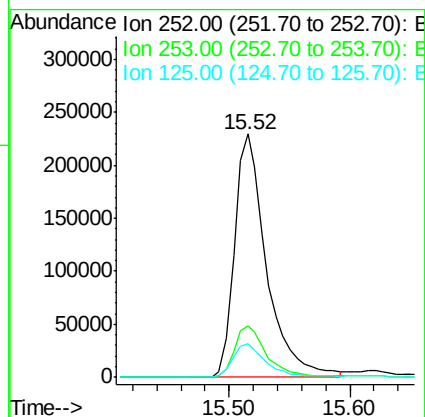
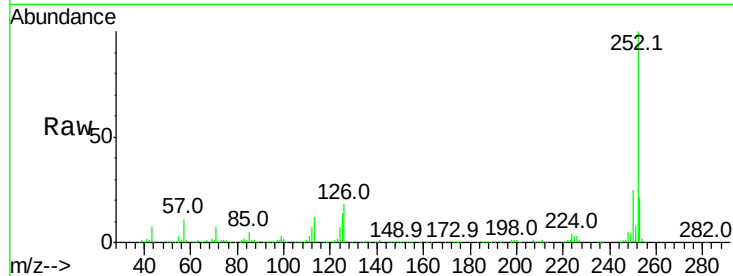




#89
Benzo(a)pyrene
Concen: 38.853 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF103662.D
Acq: 15 Mar 2018 1:51

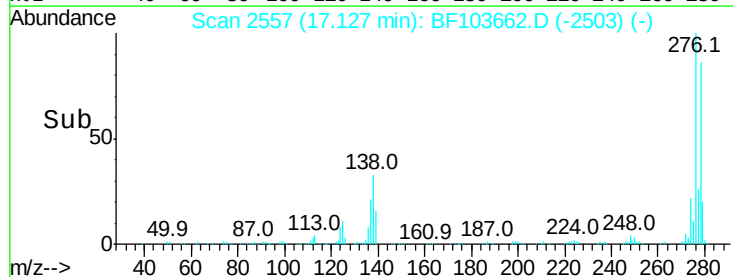
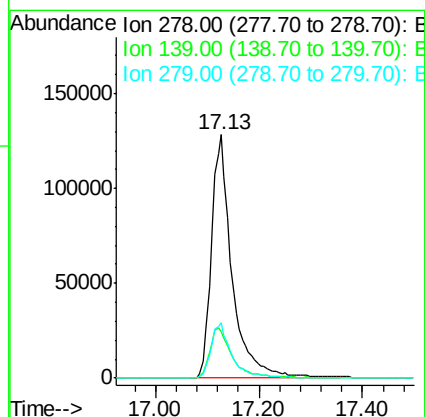
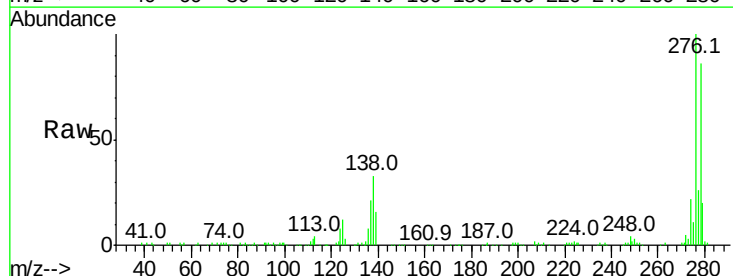
Instrument :
BNA_F
ClientSampleId :

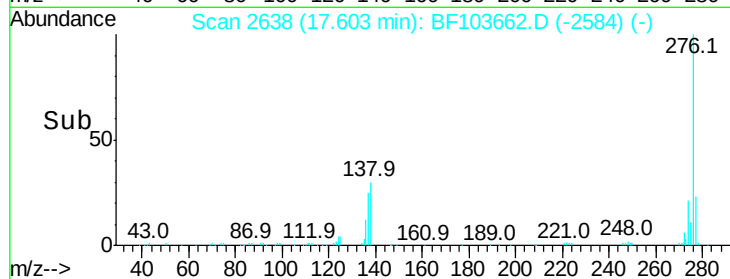
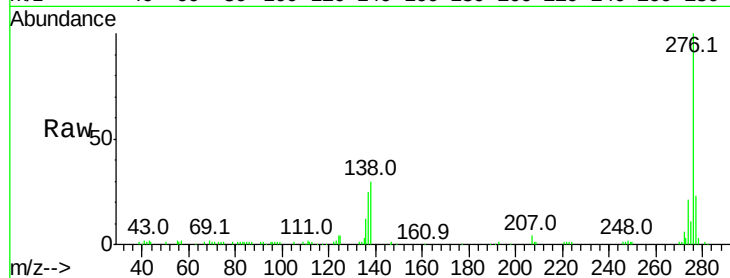
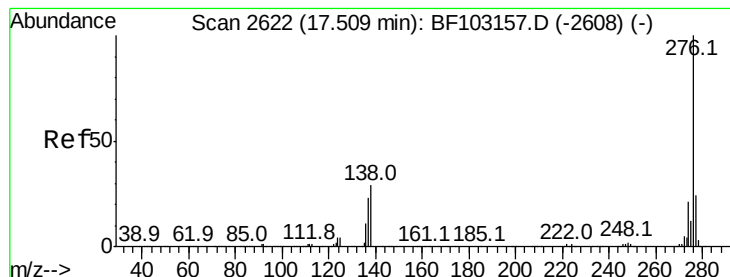
Tot Ion:252 Resp: 420618
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 13.9 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 42.791 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.02 min
Lab File: BF103662.D
Acq: 15 Mar 2018 1:51

Tgt Ion:278 Resp: 357956
Ion Ratio Lower Upper
278 100
139 19.1 15.9 23.9
279 22.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 40.359 ng

RT: 17.60 min Scan# 2638

Delta R.T. 0.02 min

Lab File: BF103662.D

Acq: 15 Mar 2018 1:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 329961

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 30.3 21.8 32.8

