

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103400.D
 Acq On : 5 Mar 2018 10:57
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 05 13:40:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	130693	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	532795	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	244991	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	425416	20.00	ng	0.00
75) Chrysene-d12	14.07	240	305683	20.00	ng	0.00
86) Perylene-d12	15.57	264	313806	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	728525	84.31	ng	0.00
7) Phenol-d6	6.52	99	810372	76.64	ng	0.00
23) Nitrobenzene-d5	7.44	82	753314	80.75	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	149961	72.32	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1076001	73.17	ng	0.00
78) Terphenyl-d14	12.99	244	893070	70.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	172889	37.881	ng	92
3) Pyridine	3.43	79	483387	39.672	ng	99
4) n-Nitrosodimethylamine	3.37	42	205947	41.910	ng	95
6) Aniline	6.54	93	558064	36.569	ng	# 56
8) 2-Chlorophenol	6.66	128	341962	38.094	ng	91
9) Benzaldehyde	6.43	77	237569	35.868	ng	96
10) Phenol	6.53	94	459670	37.447	ng	# 54
11) bis(2-Chloroethyl)ether	6.60	93	363753	39.044	ng	90
12) 1,3-Dichlorobenzene	6.81	146	390887	38.104	ng	96
13) 1,4-Dichlorobenzene	6.89	146	398261	38.723	ng	99
14) 1,2-Dichlorobenzene	7.04	146	355518	37.487	ng	99
15) Benzyl Alcohol	7.02	79	285243	35.799	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	578548	36.163	ng	73
17) 2-Methylphenol	7.13	107	300239	36.804	ng	# 88
18) Hexachloroethane	7.37	117	147382	39.363	ng	90
19) n-Nitroso-di-n-propylamine	7.28	70	270598	41.119	ng	94
20) 3+4-Methylphenols	7.29	107	402373	40.463	ng	# 82
22) Acetophenone	7.29	105	500491	40.244	ng	# 89
24) Nitrobenzene	7.46	77	420794	40.966	ng	99
25) Isophorone	7.69	82	738517	40.192	ng	96
26) 2-Nitrophenol	7.77	139	194919	40.309	ng	94
27) 2,4-Dimethylphenol	7.81	122	287976	38.961	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	432685	40.052	ng	98
29) 2,4-Dichlorophenol	8.02	162	279519	39.499	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	286794	38.058	ng	99
31) Naphthalene	8.18	128	972756	37.292	ng	100
32) Benzoic acid	7.96	122	235264	43.637	ng	94
33) 4-Chloroaniline	8.23	127	428663	38.083	ng	98
34) Hexachlorobutadiene	8.29	225	144822	36.905	ng	99
35) Caprolactam	8.61	113	98037	39.418	ng	# 82
36) 4-Chloro-3-methylphenol	8.72	107	306083	38.348	ng	98
37) 2-Methylnaphthalene	8.87	142	632054	37.493	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	249242	37.214	ng	98
40) Hexachlorocyclopentadiene	9.02	237	86084	41.298	ng	97

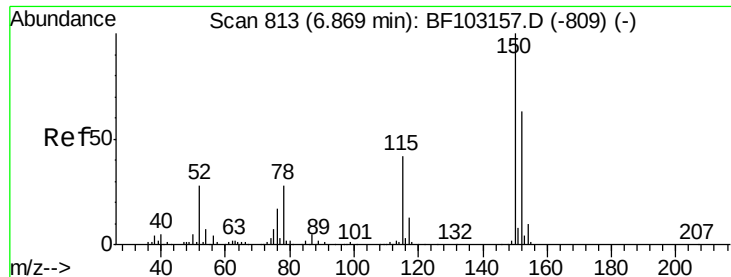
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103400.D
 Acq On : 5 Mar 2018 10:57
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 05 13:40:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	166189	36.877	nq	97
43) 2,4,5-Trichlorophenol	9.20	196	186599	36.000	nq	97
45) 1,1'-Biphenyl	9.33	154	756066	36.829	nq	99
46) 2-Chloronaphthalene	9.36	162	595777	36.683	nq	99
47) 2-Nitroaniline	9.47	65	230691	38.346	nq	90
48) Acenaphthylene	9.78	152	900965	36.055	nq	99
49) Dimethylphthalate	9.63	163	710833	36.168	nq	100
50) 2,6-Dinitrotoluene	9.70	165	150841	36.573	nq	# 80
51) Acenaphthene	9.95	154	533618	36.621	nq	98
52) 3-Nitroaniline	9.89	138	196553	37.563	nq	97
53) 2,4-Dinitrophenol	10.00	184	55704	42.515	nq	# 18
54) Dibenzofuran	10.12	168	726985	36.345	nq	96
55) 4-Nitrophenol	10.07	139	129265	39.859	nq	92
56) 2,4-Dinitrotoluene	10.12	165	181745	34.842	nq	# 79
57) Fluorene	10.47	166	612130	35.924	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	125187	35.953	nq	95
59) Diethylphthalate	10.33	149	701948	37.344	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	273401	37.836	nq	99
61) 4-Nitroaniline	10.50	138	185976	35.583	nq	97
62) Azobenzene	10.62	77	763390	39.899	nq	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	88405	35.580	nq	87
65) n-Nitrosodiphenylamine	10.57	169	552797	37.320	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	164440	37.107	nq	94
67) Hexachlorobenzene	11.02	284	174021	36.179	nq	94
68) Atrazine	11.10	200	159249	35.769	nq	99
69) Pentachlorophenol	11.22	266	90845	39.061	nq	99
70) Phenanthrene	11.43	178	863636	36.889	nq	99
71) Anthracene	11.49	178	879041	36.615	nq	99
72) Carbazole	11.65	167	875462	36.619	nq	100
73) Di-n-butylphthalate	11.96	149	1129163	37.745	nq	100
74) Fluoranthene	12.63	202	856528	36.407	nq	97
76) Benzidine	12.75	184	506891	44.355	nq	99
77) Pyrene	12.86	202	874642	36.699	nq	100
79) Butylbenzylphthalate	13.46	149	484575	38.483	nq	97
80) Benzo(a)anthracene	14.06	228	732005	36.907	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	256179	36.192	nq	99
82) Chrysene	14.10	228	709250	36.829	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	610742	35.942	nq	# 98
84) Di-n-octyl phthalate	14.64	149	1081284	39.385	nq	98
85) Indeno(1,2,3-cd)pyrene	17.13	276	680702	44.647	nq	99
87) Benzo(b)fluoranthene	15.13	252	696574	33.761	nq	97
88) Benzo(k)fluoranthene	15.16	252	696304	35.839	nq	99
89) Benzo(a)pyrene	15.52	252	668537	36.285	nq	97
90) Dibenzo(a,h)anthracene	17.13	278	567623	39.869	nq	99
91) Benzo(g,h,i)perylene	17.59	276	550700	39.577	nq	97

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

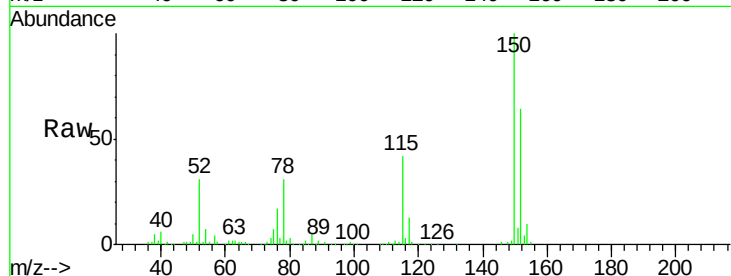


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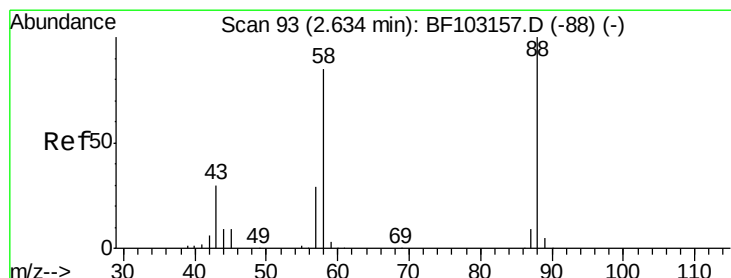
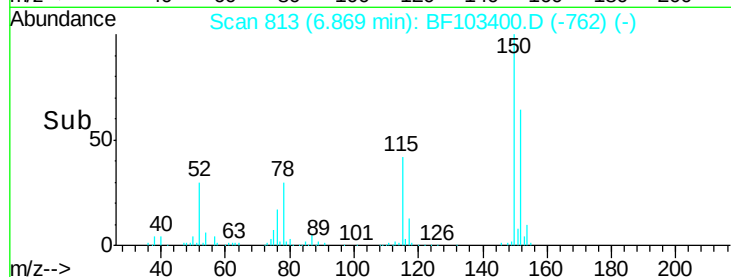
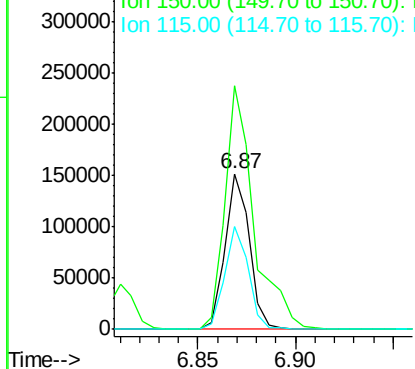
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 130693
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 65.9 50.1 75.1



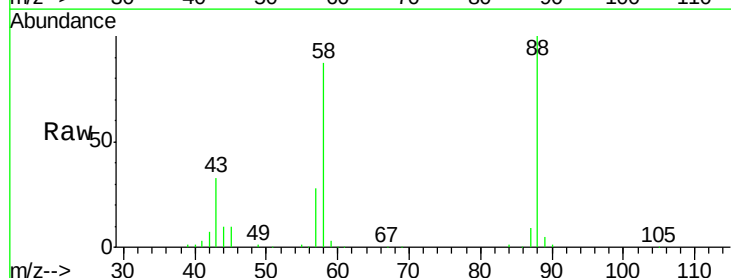
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



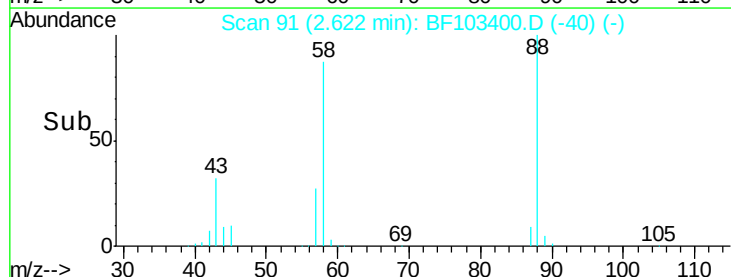
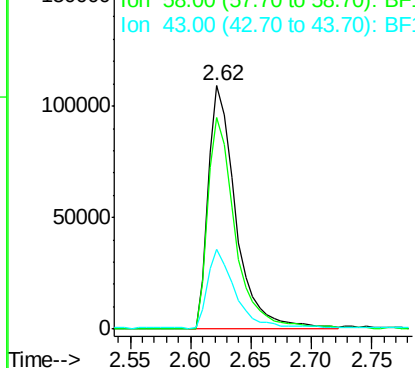
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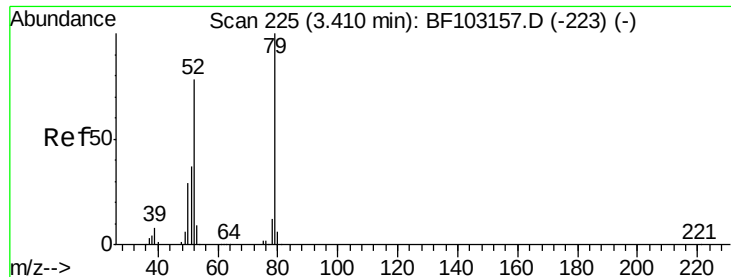
1,4-Dioxane
Concen: 37.881 ng
RT: 2.62 min Scan# 91
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Tgt Ion: 88 Resp: 172889
Ion Ratio Lower Upper
88 100
58 86.9 62.6 93.8
43 32.0 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

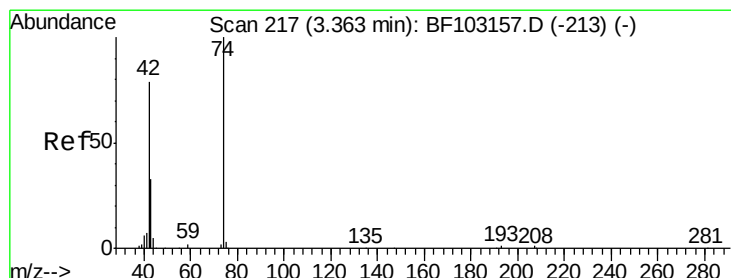
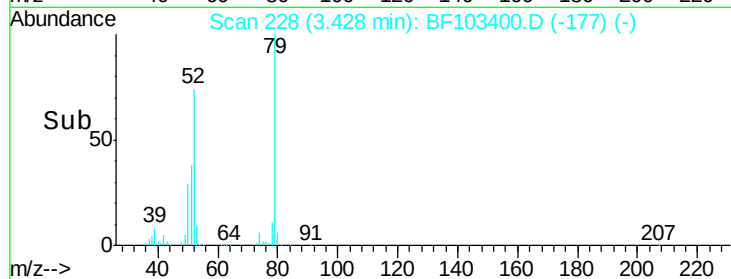
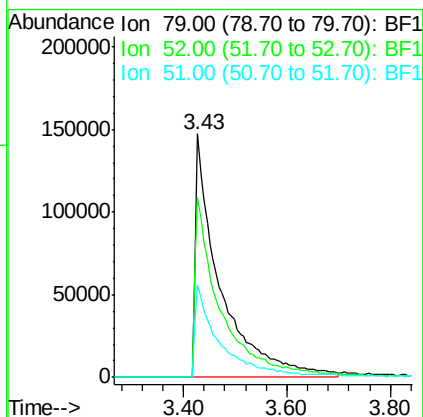
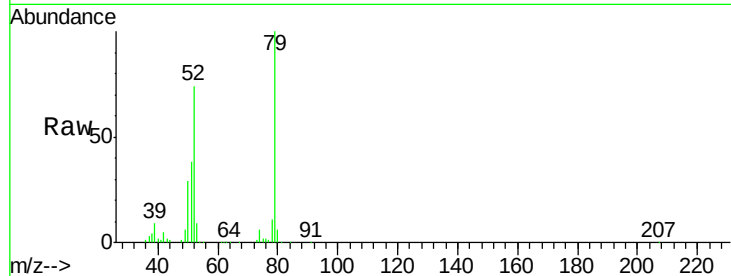




#3
 Pvridine
 Concen: 39.672 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: BF103400.D
 Acq: 5 Mar 2018 10:57

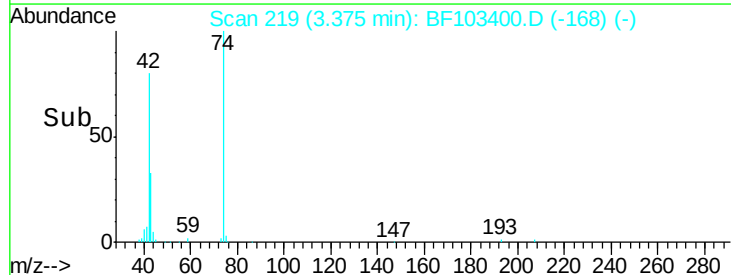
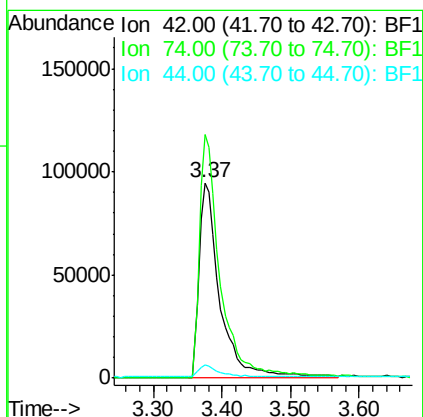
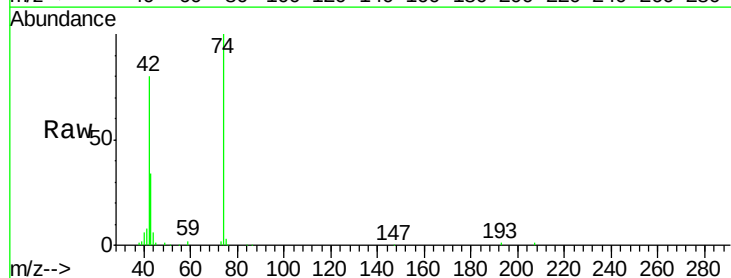
Instrument :
 BNA_F
 ClientSampleId :

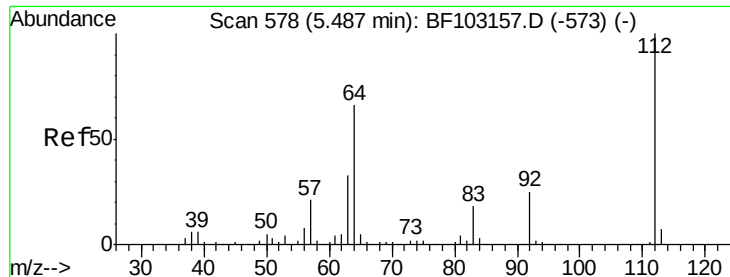
Tot Ion	Ratio	Lower	Upper
79	100		
52	73.9	59.8	89.6
51	38.2	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 41.910 ng
 RT: 3.37 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BF103400.D
 Acq: 5 Mar 2018 10:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	124.7	104.9	157.3
44	6.9	6.9	10.3

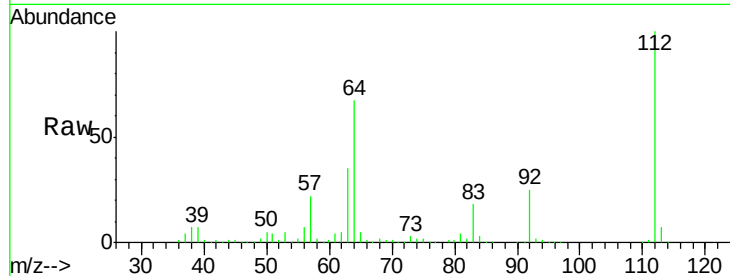




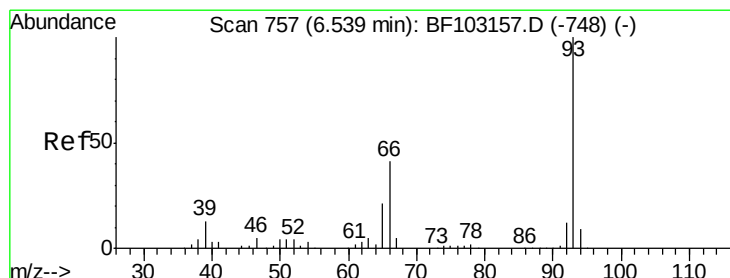
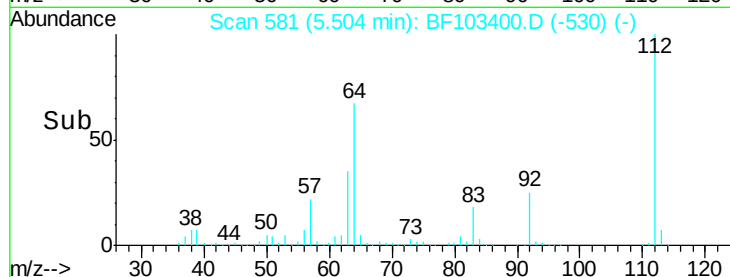
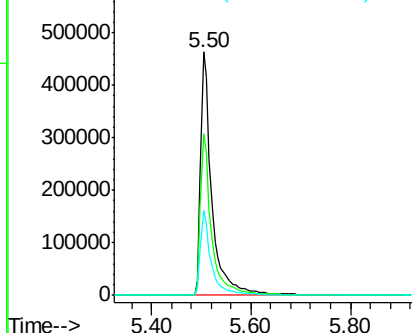
#5
2-Fluorophenol
Concen: 84.308 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Instrument :
BNA_F
ClientSampled :

Tot Ion: 112 Resp: 728525
Ion Ratio Lower Upper
112 100
64 66.6 47.9 71.9
63 34.8 23.7 35.5

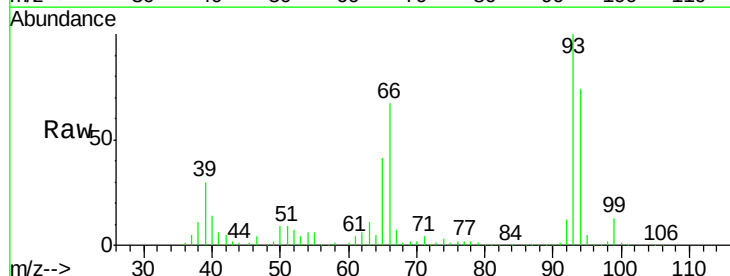


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

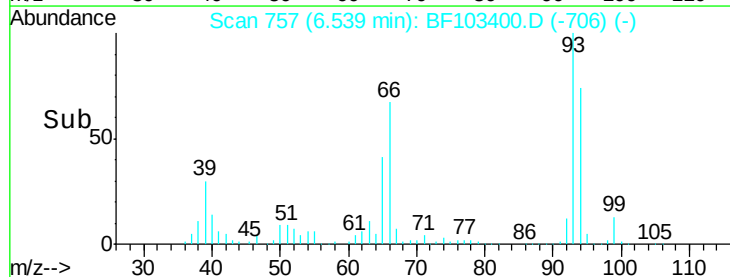
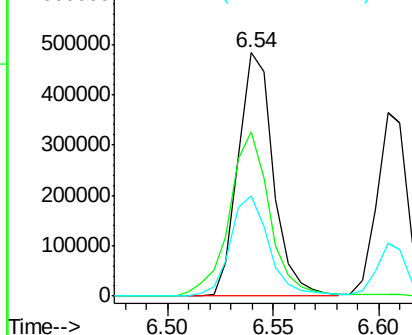


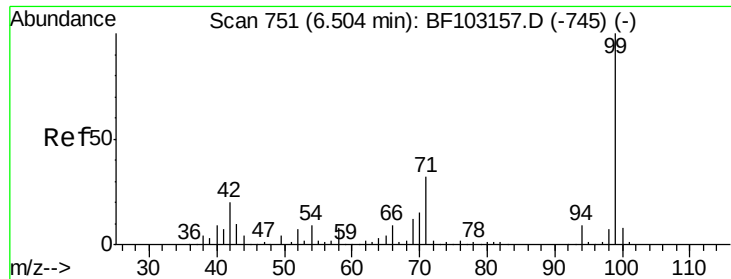
#6
Aniline
Concen: 36.569 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Tgt Ion: 93 Resp: 558064
Ion Ratio Lower Upper
93 100
66 67.2 32.2 48.2#
65 41.4 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.639 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

Instrument :

BNA_F

ClientSampleId :

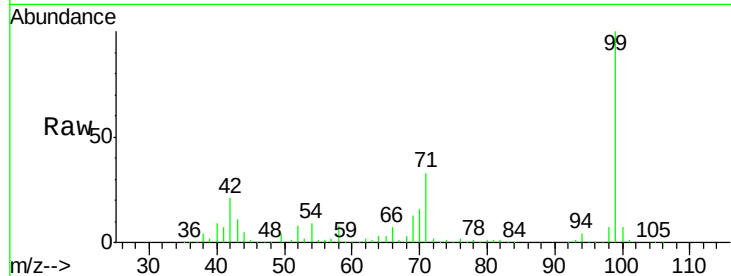
Tot Ion: 99 Resp: 810372

Ion Ratio Lower Upper

99 100

42 21.4 14.5 21.7

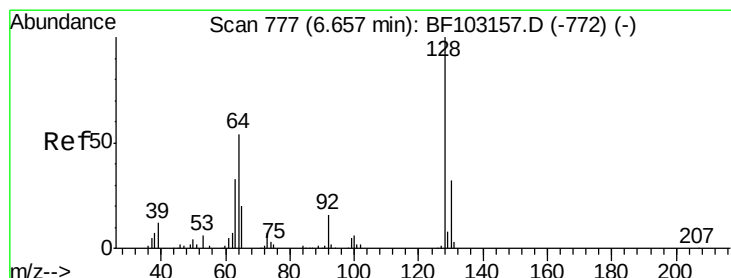
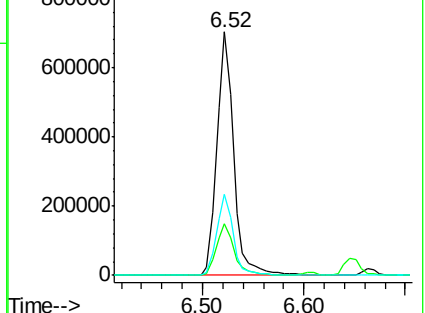
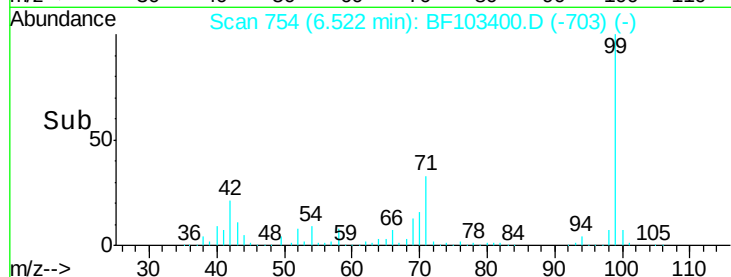
71 33.3 25.4 38.0



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: 38.094 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

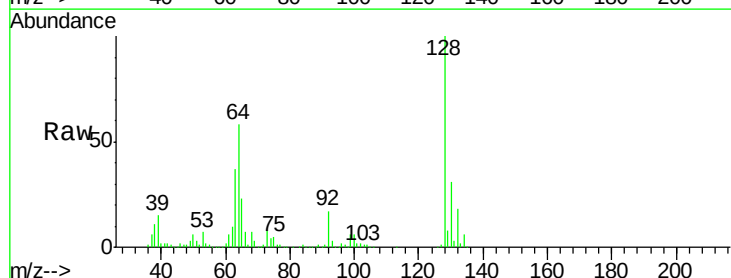
Tgt Ion: 128 Resp: 341962

Ion Ratio Lower Upper

128 100

130 31.4 13.0 53.0

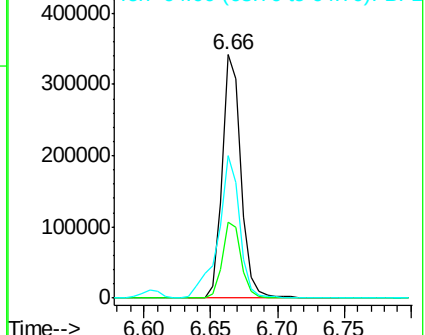
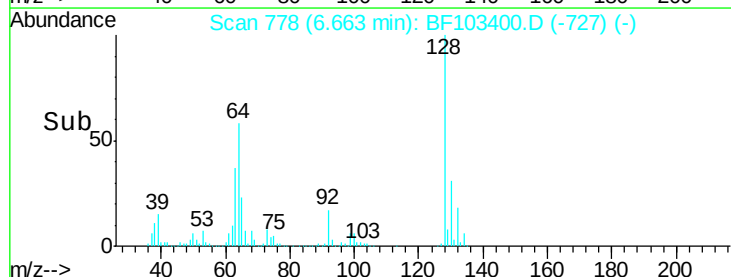
64 58.3 29.4 69.4

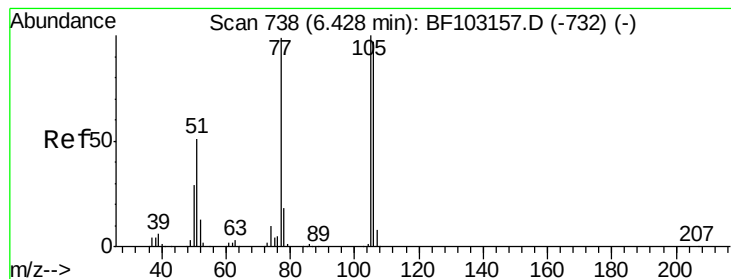


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.868 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

Instrument :

BNA_F

ClientSampled :

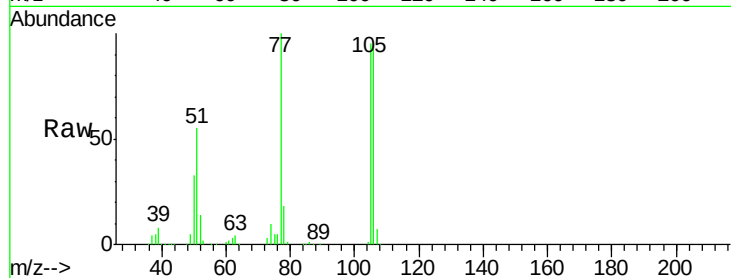
Tot Ion: 77 Resp: 237569

Ion Ratio Lower Upper

77 100

105 95.4 81.1 121.1

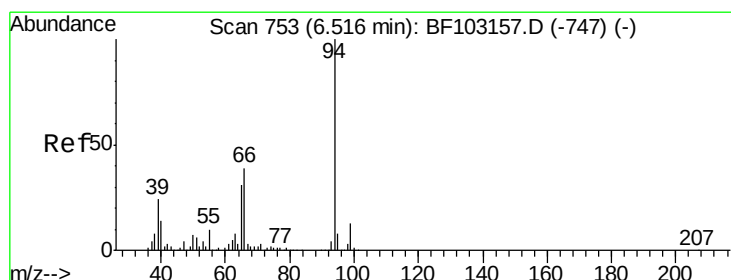
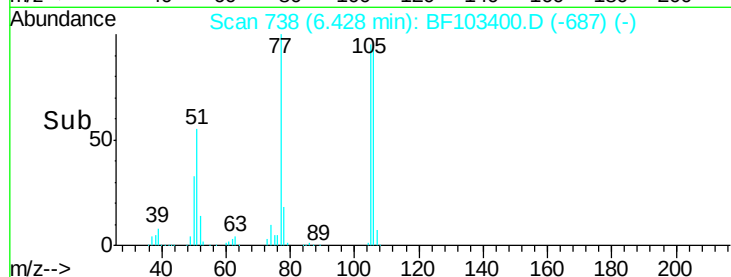
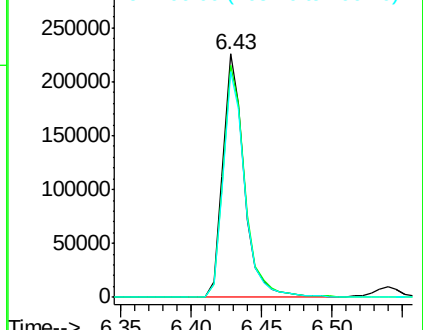
106 92.5 74.5 114.5



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: 37.447 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

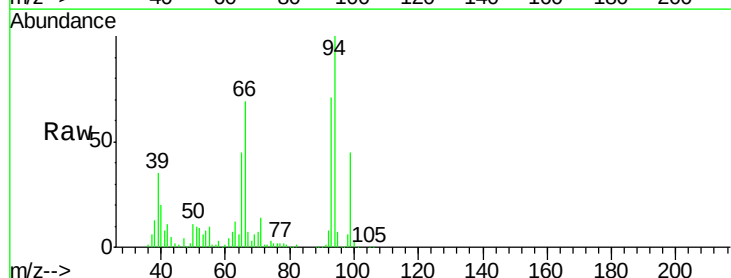
Tgt Ion: 94 Resp: 459670

Ion Ratio Lower Upper

94 100

65 45.1 7.9 47.9

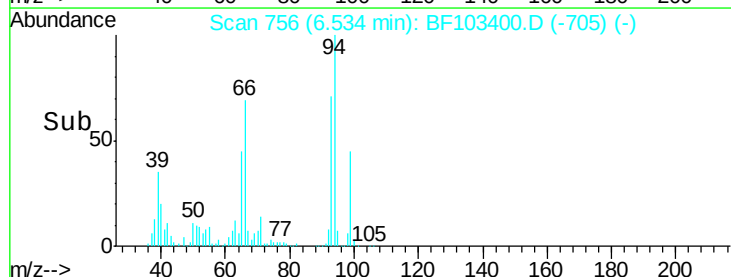
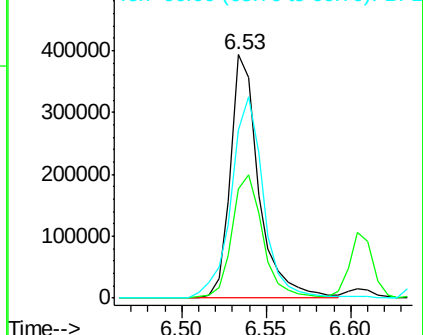
66 69.0 16.2 56.2#

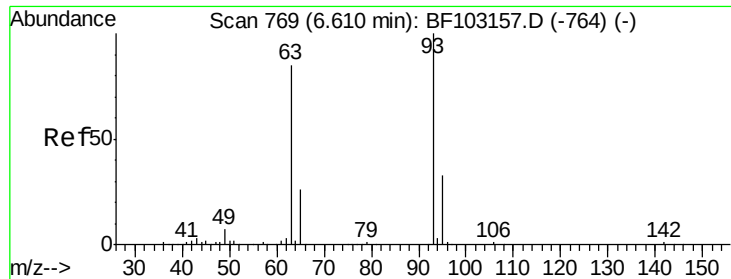


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

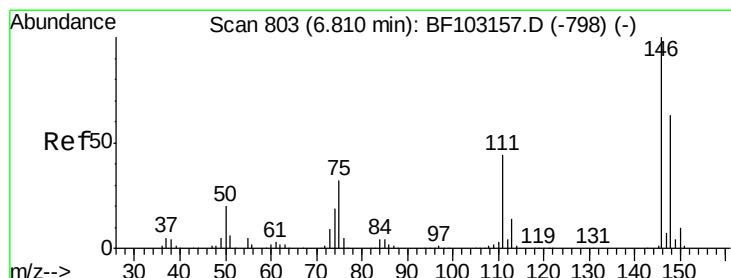
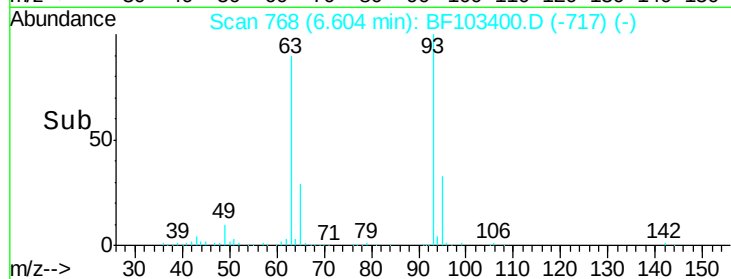
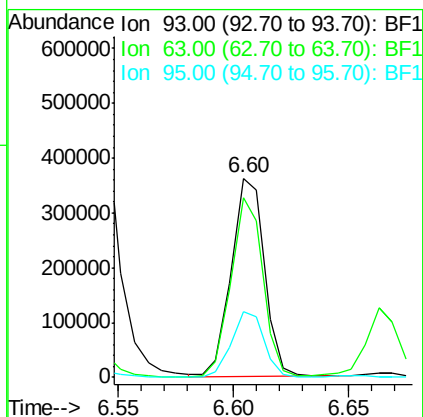
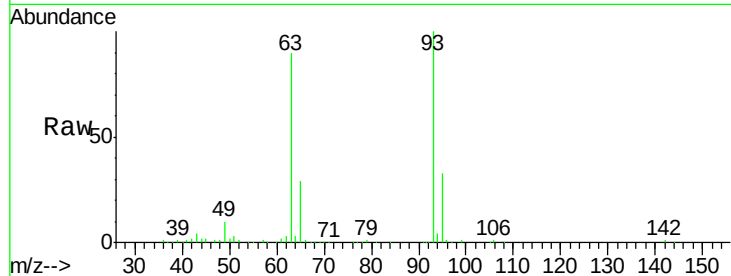




#11
 bis(2-Chloroethyl)ether
 Concen: 39.044 ng
 RT: 6.60 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF103400.D
 Acq: 5 Mar 2018 10:57

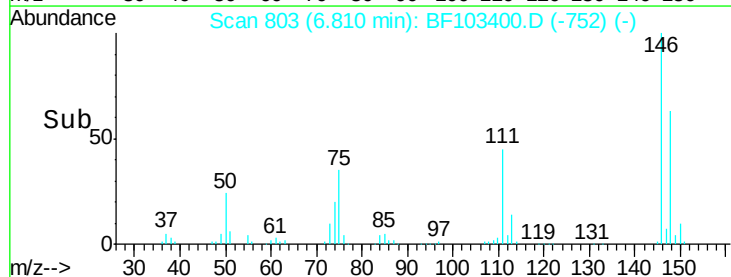
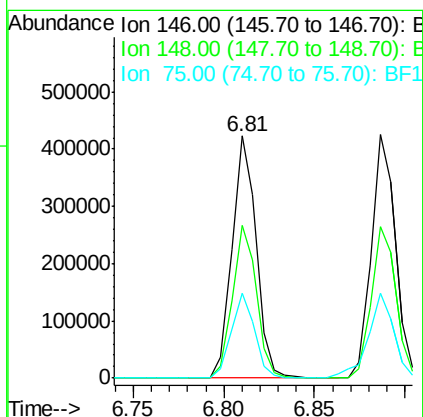
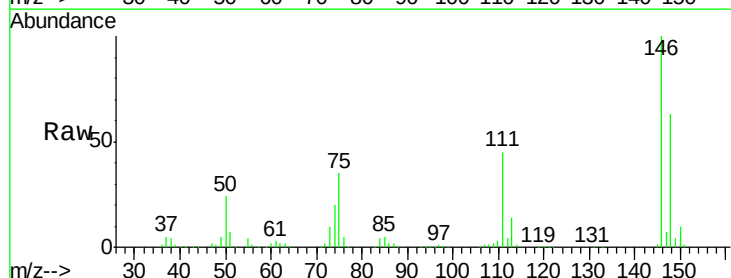
Instrument :
 BNA_F
 ClientSampled :

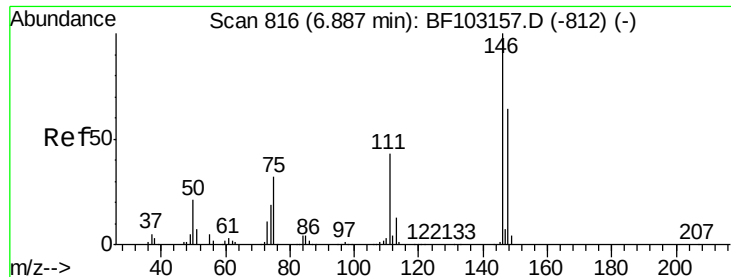
Tot Ion: 93 Resp: 363753
 Ion Ratio Lower Upper
 93 100
 63 90.0 58.6 98.6
 95 33.1 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 38.104 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF103400.D
 Acq: 5 Mar 2018 10:57

Tgt Ion: 146 Resp: 390887
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.8 77.8
 75 35.2 24.2 36.4

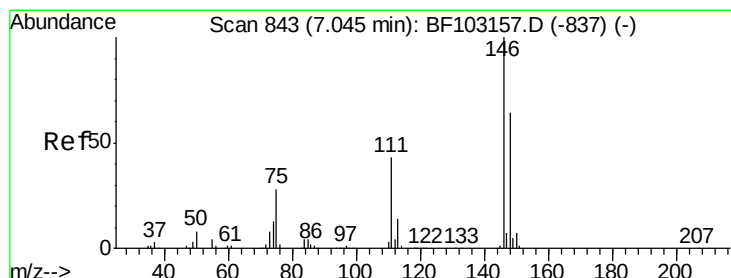
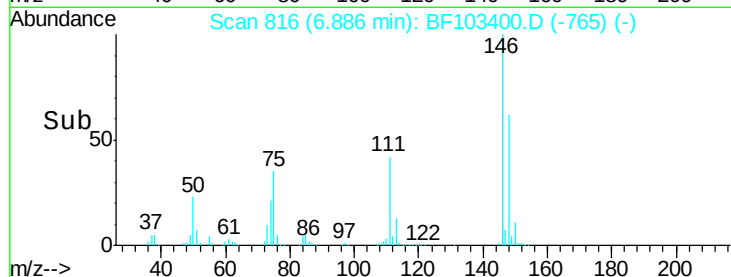
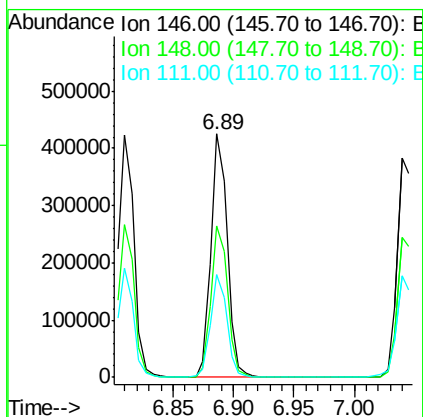
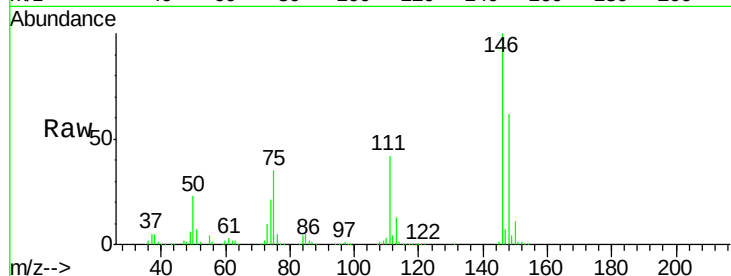




#13
 1,4-Dichlorobenzene
 Concen: 38.723 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF103400.D
 Acq: 5 Mar 2018 10:57

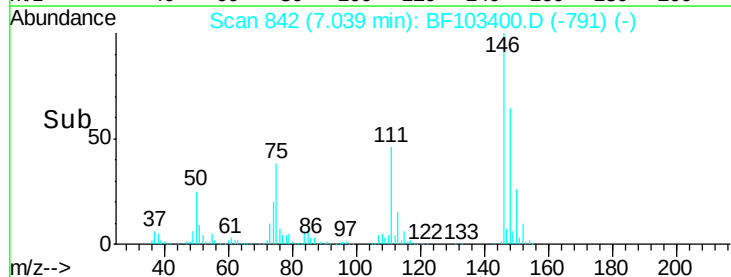
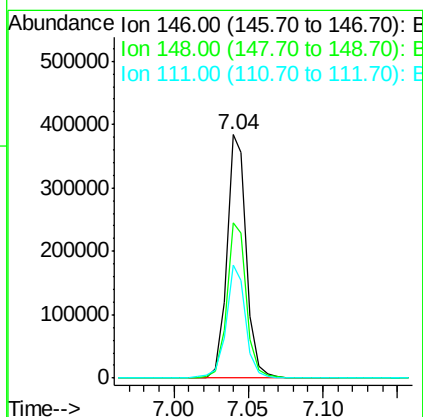
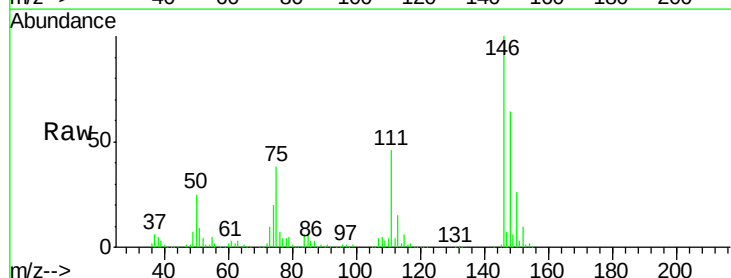
Instrument :
 BNA_F
 ClientSampleId :

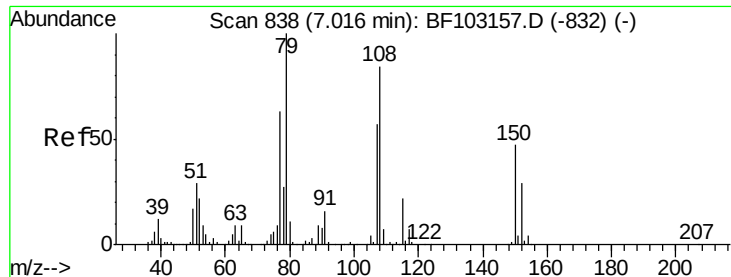
Tot Ion:146 Resp: 398261
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.8 76.2
 111 42.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.487 ng
 RT: 7.04 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF103400.D
 Acq: 5 Mar 2018 10:57

Tgt Ion:146 Resp: 355518
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 75.8
 111 46.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 35.799 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

Instrument :

BNA_F

ClientSampled :

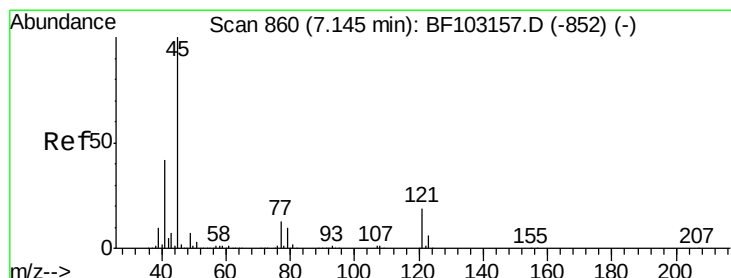
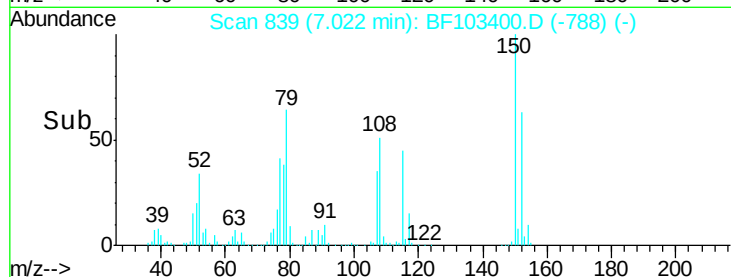
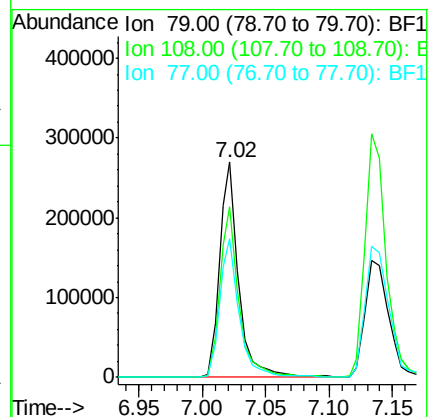
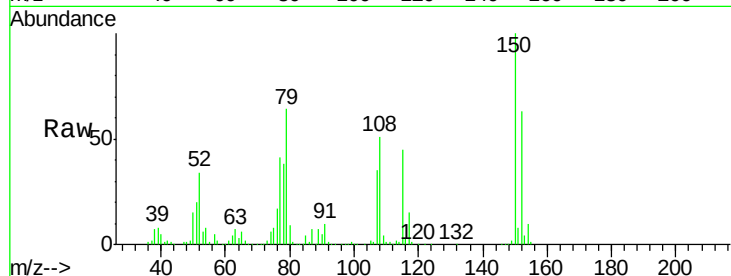
Tot Ion: 79 Resp: 285243

Ion Ratio Lower Upper

79 100

108 79.6 65.1 97.7

77 64.5 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.163 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

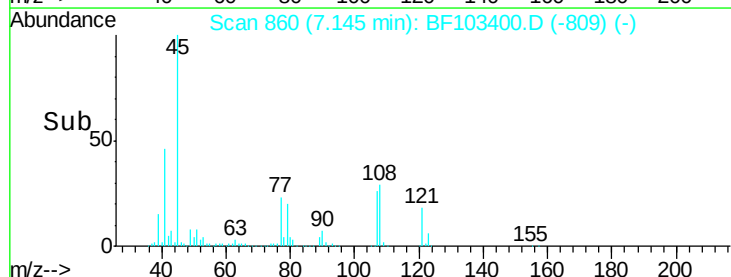
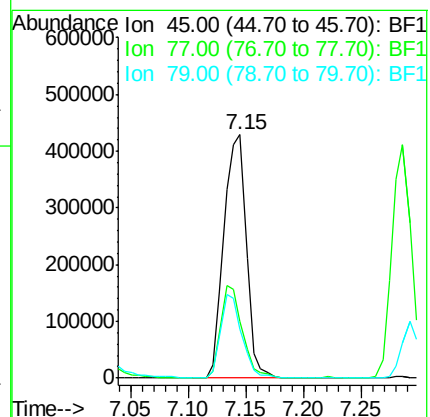
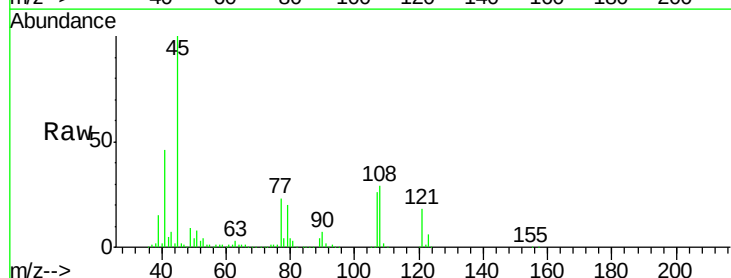
Tgt Ion: 45 Resp: 578548

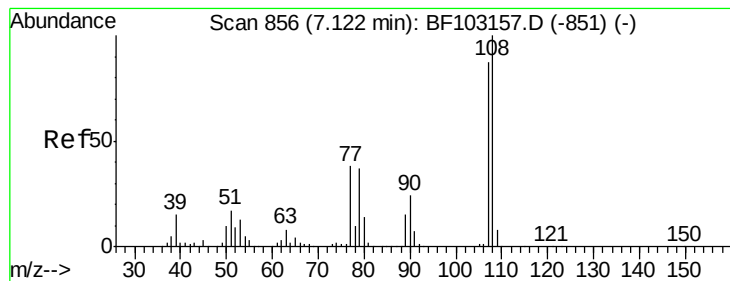
Ion Ratio Lower Upper

45 100

77 23.2 0.0 32.9

79 20.4 0.0 29.6

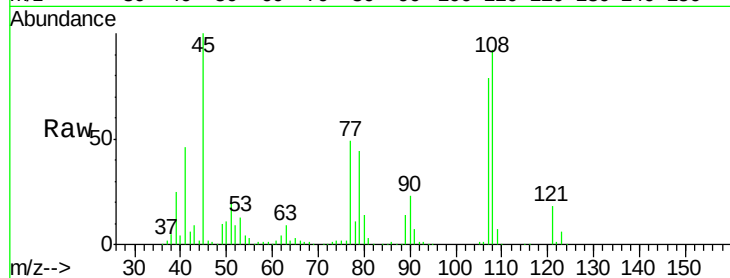




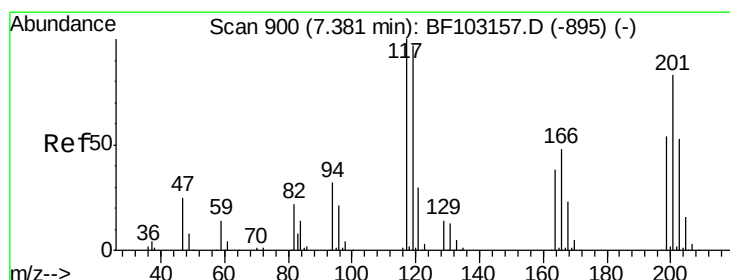
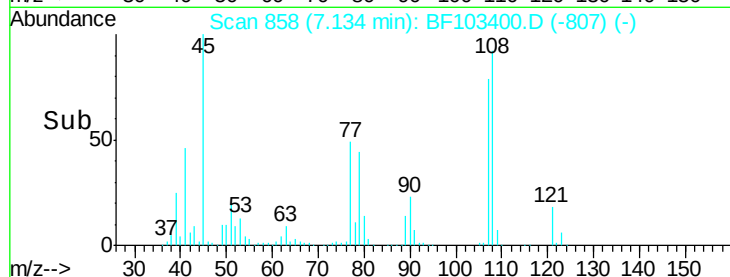
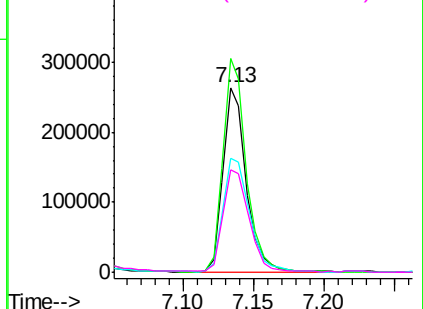
#17
2-Methylphenol
Concen: 36.804 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	300239
Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.7	137.5
77	61.9	33.8	50.8#
79	55.5	33.8	50.8#

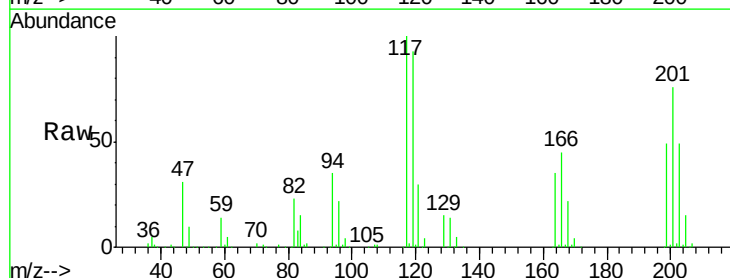


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

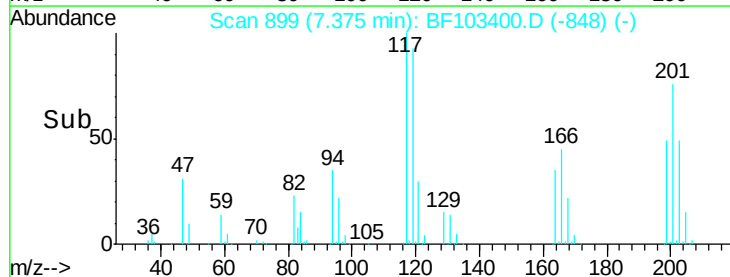
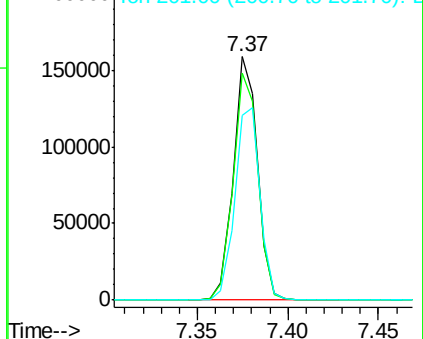


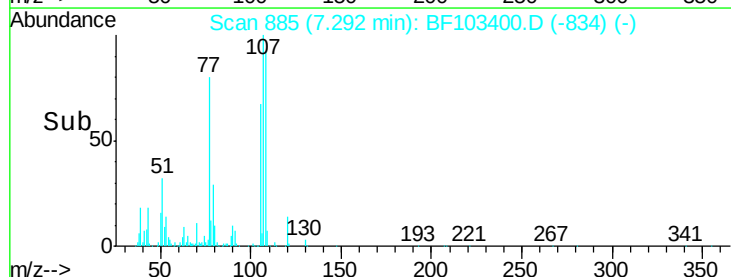
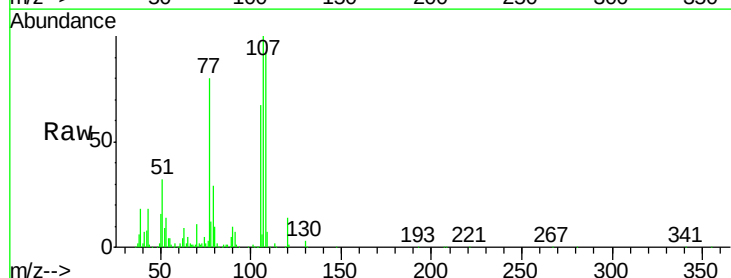
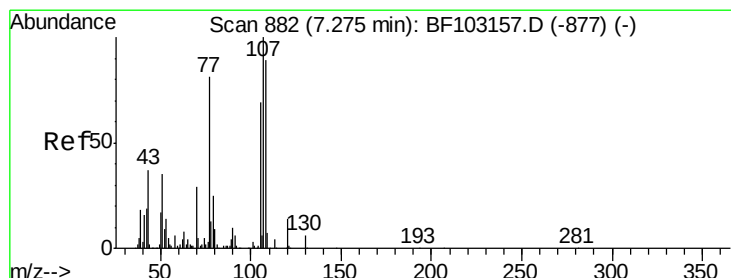
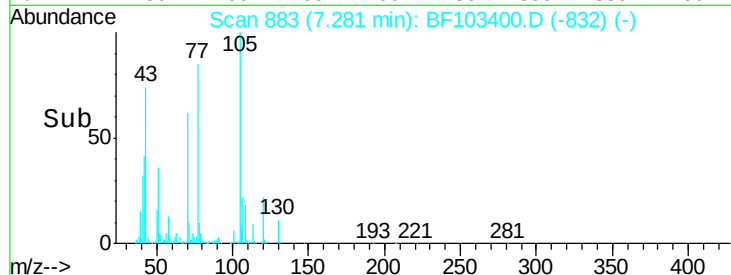
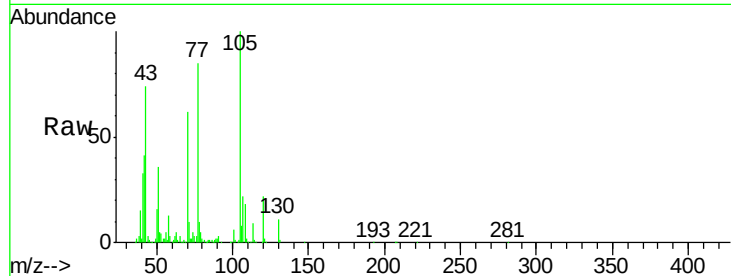
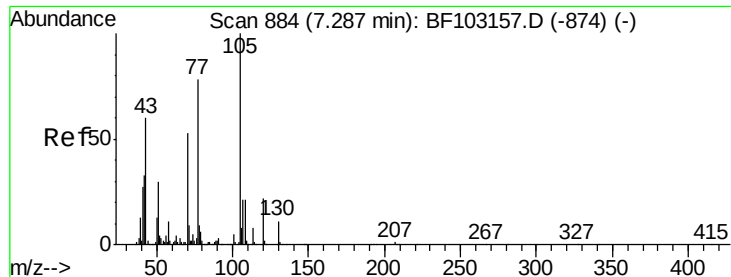
#18
Hexachloroethane
Concen: 39.363 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Tgt Ion:	117	Resp:	147382
Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.8	113.8
201	76.1	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

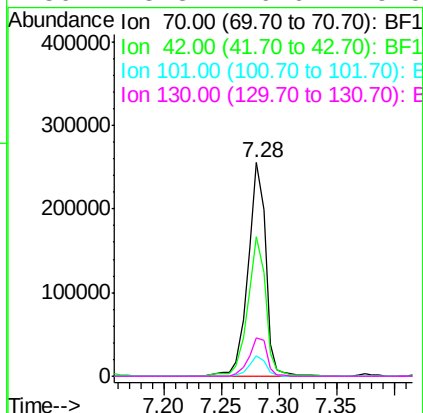




#19
n-Nitroso-di-n-propylamine
Concen: 41.119 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

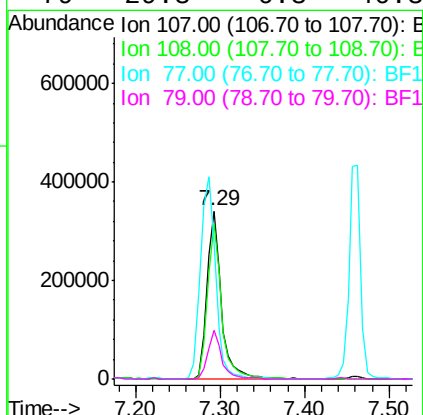
Instrument :
BNA_F
ClientSampleId :

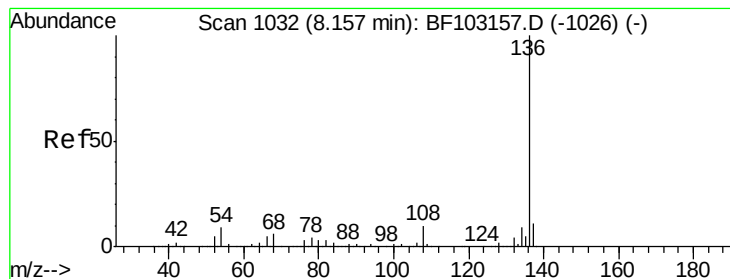
Tot Ion	Ratio	Lower	Upper
70	100		
42	65.2	47.5	71.3
101	9.3	7.4	11.2
130	18.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.463 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.2	108.2
77	80.4	26.7	66.7
79	29.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 532795

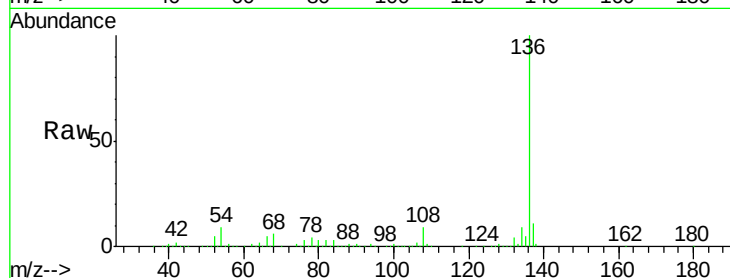
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.8 6.6 9.8

68 6.4 5.0 7.4

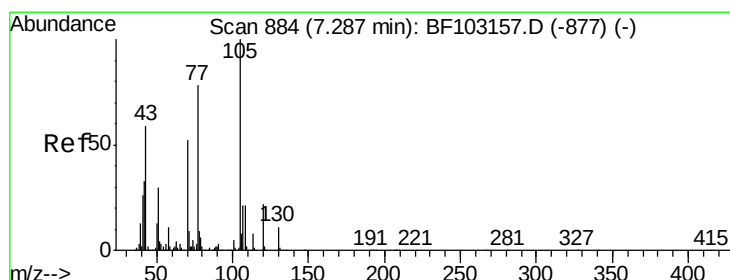
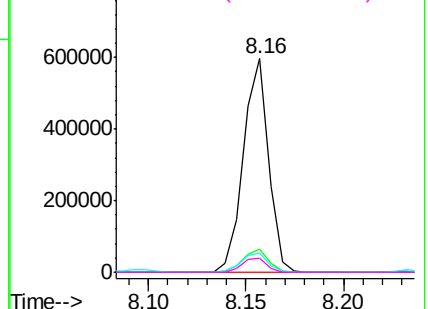
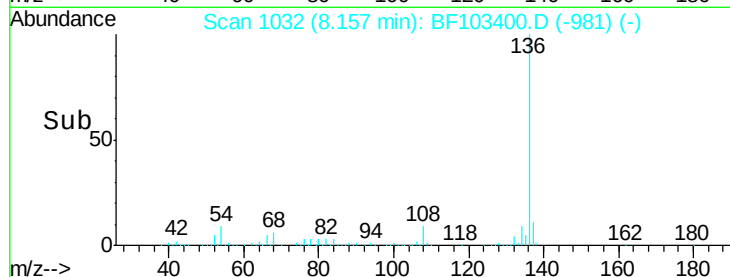


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.244 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

Tgt Ion:105 Resp: 500491

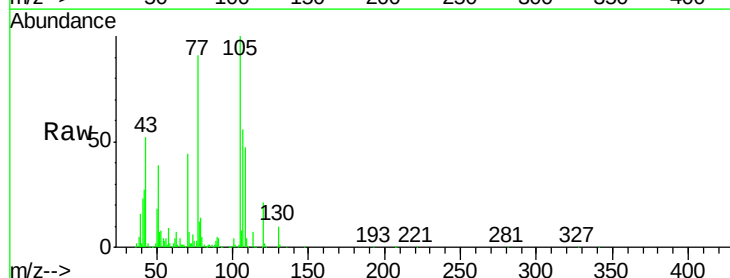
Ion Ratio Lower Upper

105 100

71 7.0 4.4 6.6#

51 38.6 22.3 33.5#

120 21.4 16.9 25.3

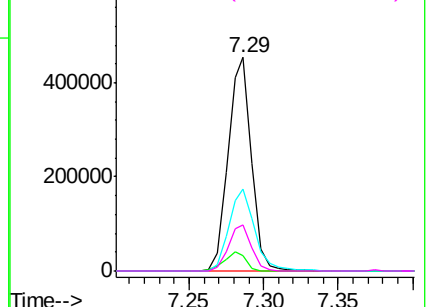
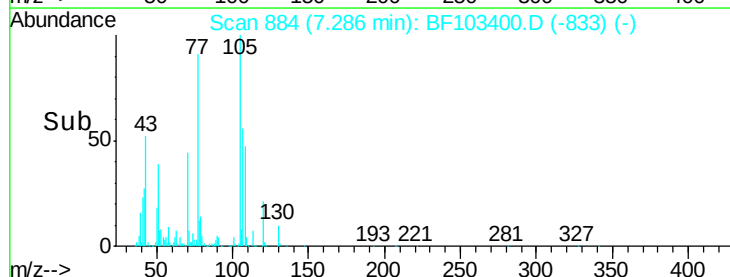


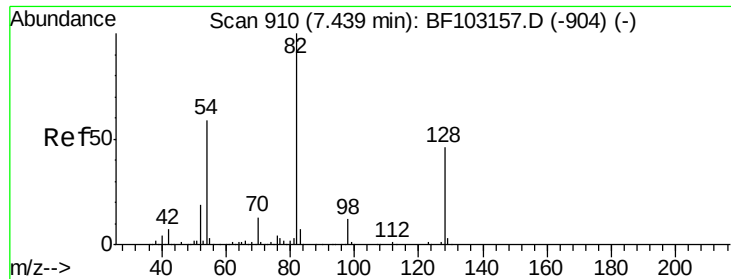
Abundance Ion 105.00 (104.70 to 105.70): E

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

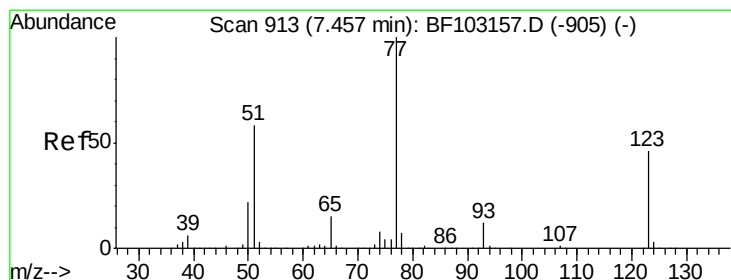
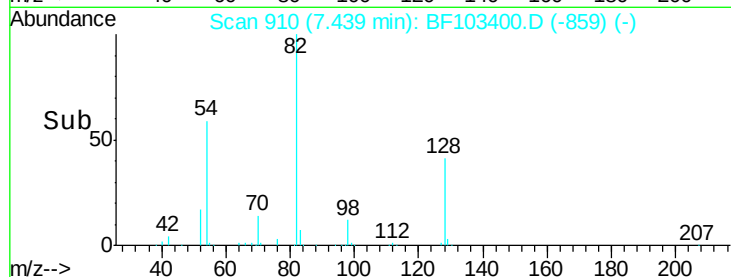
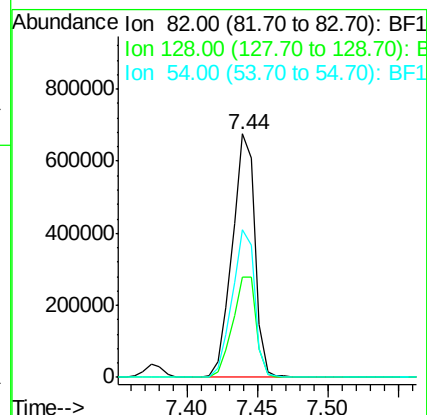
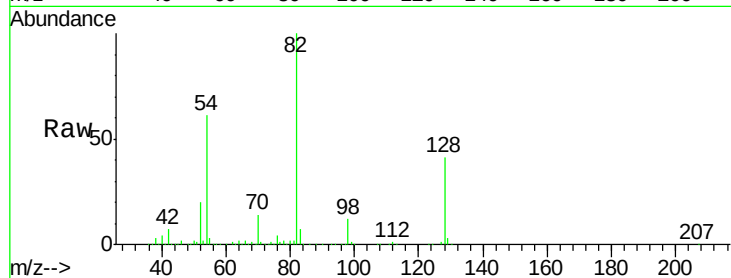




#23
 Nitrobenzene-d5
 Concen: 80.745 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF103400.D
 Acq: 5 Mar 2018 10:57

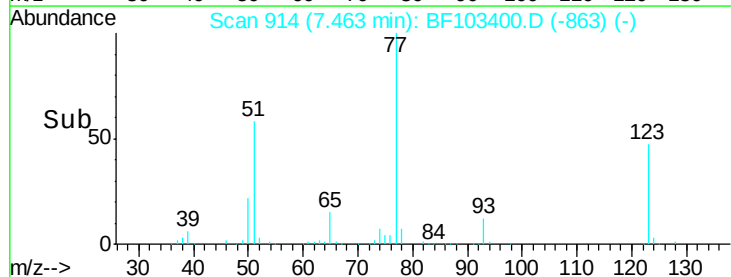
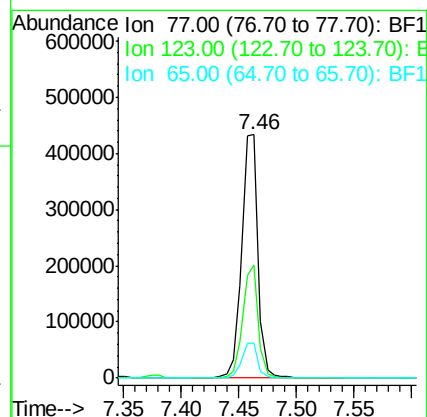
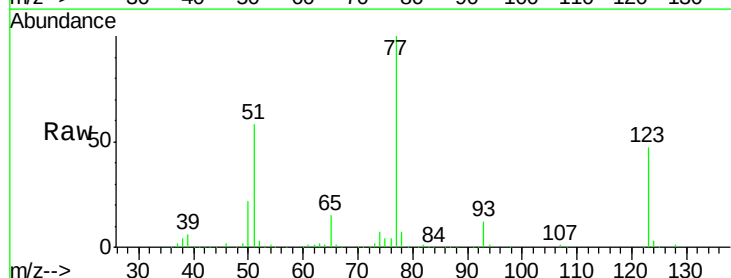
Instrument :
 BNA_F
 ClientSampled :

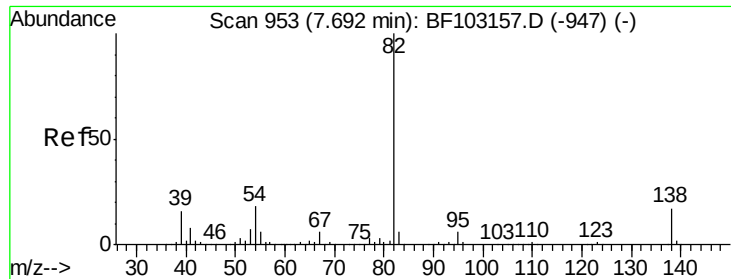
Tot Ion	82	Resp	753314
Ion Ratio	Lower	Upper	
82	100		
128	41.3	36.1	54.1
54	60.6	41.4	62.2



#24
 Nitrobenzene
 Concen: 40.966 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF103400.D
 Acq: 5 Mar 2018 10:57

Tgt Ion	77	Resp	420794
Ion Ratio	Lower	Upper	
77	100		
123	46.7	37.9	56.9
65	14.6	11.0	16.4

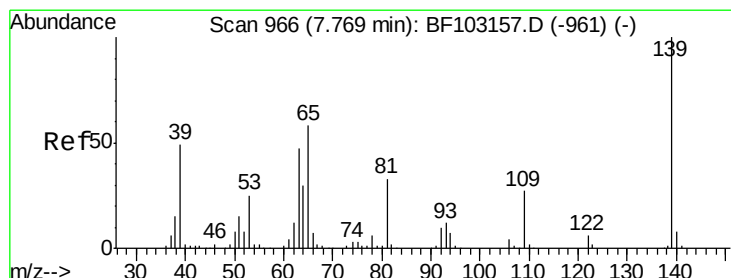
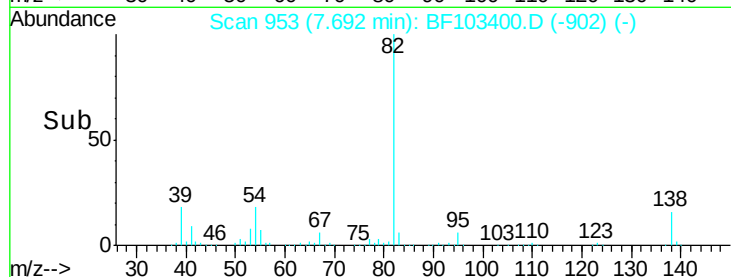
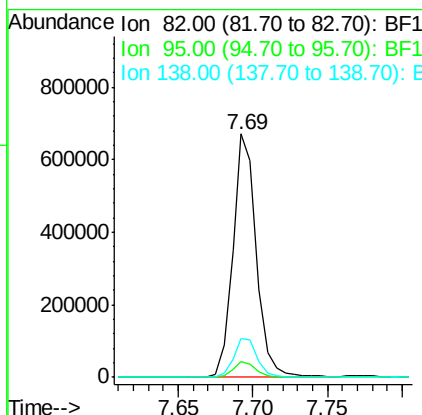
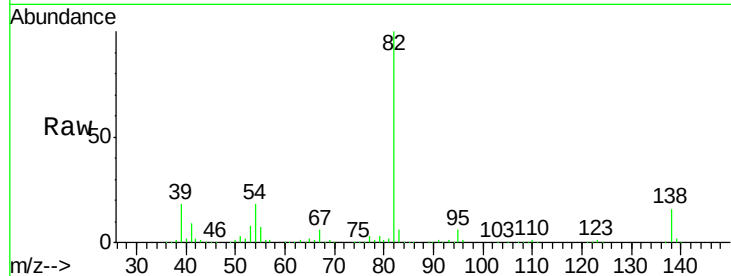




#25
Isophorone
Concen: 40.192 ng
RT: 7.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

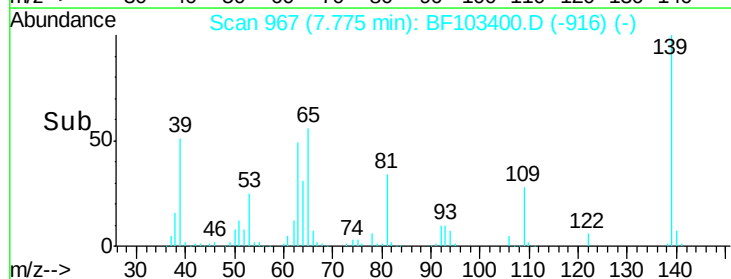
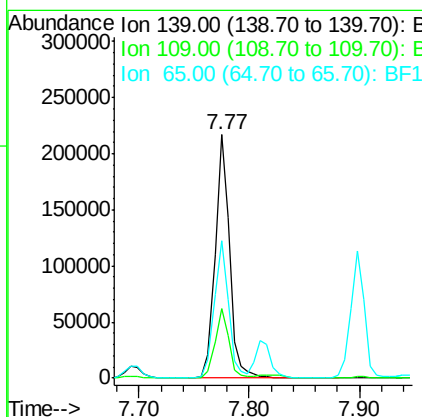
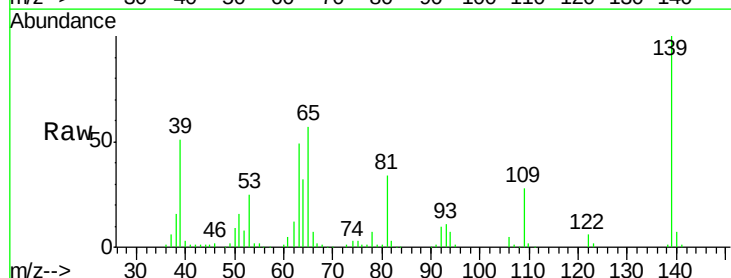
Instrument :
BNA_F
ClientSampleId :

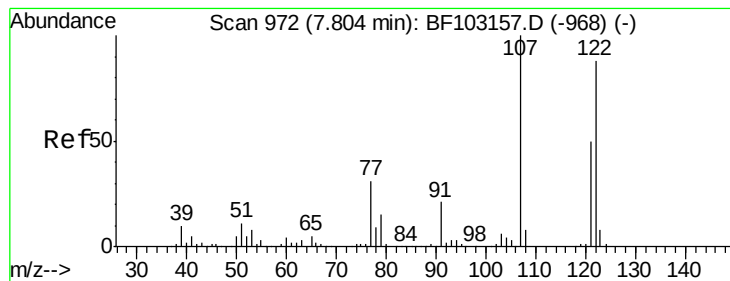
Tot Ion: 82 Resp: 738517
Ion Ratio Lower Upper
82 100
95 6.3 5.2 7.8
138 16.1 14.9 22.3



#26
2-Nitrophenol
Concen: 40.309 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Tgt Ion: 139 Resp: 194919
Ion Ratio Lower Upper
139 100
109 28.5 22.7 34.1
65 56.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.961 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

Instrument :

BNA_F

ClientSampled :

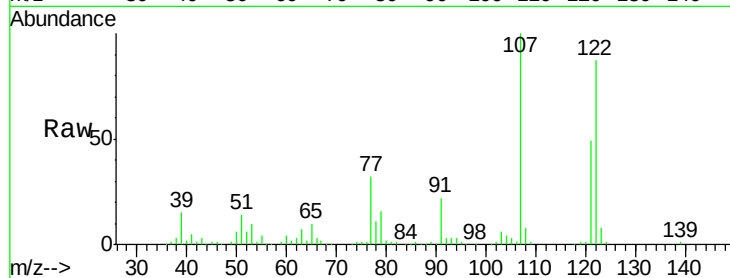
Tot Ion:122 Resp: 287976

Ion Ratio Lower Upper

122 100

107 114.5 91.2 136.8

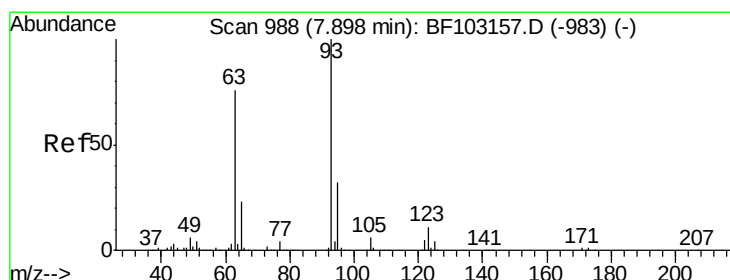
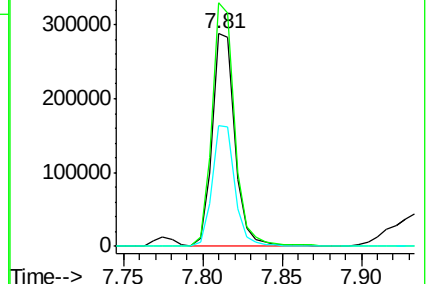
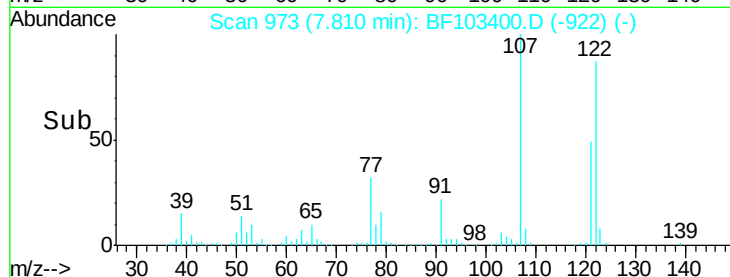
121 56.6 47.2 70.8



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: 40.052 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

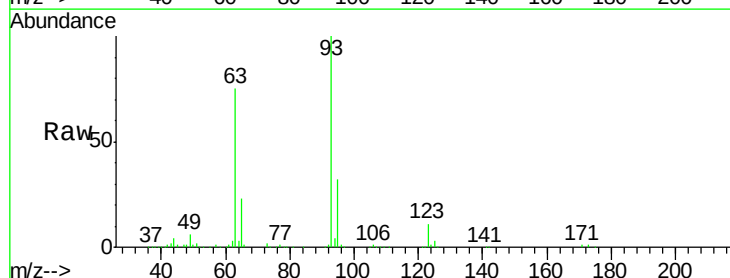
Tgt Ion: 93 Resp: 432685

Ion Ratio Lower Upper

93 100

95 32.1 26.3 39.5

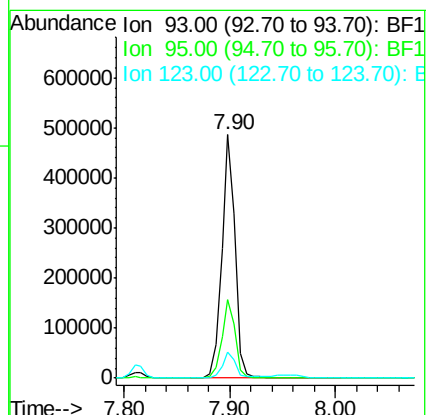
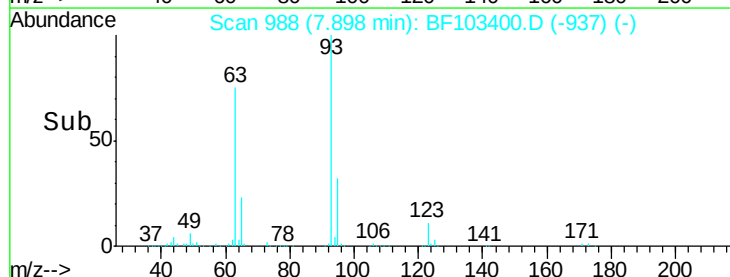
123 10.6 9.8 14.6

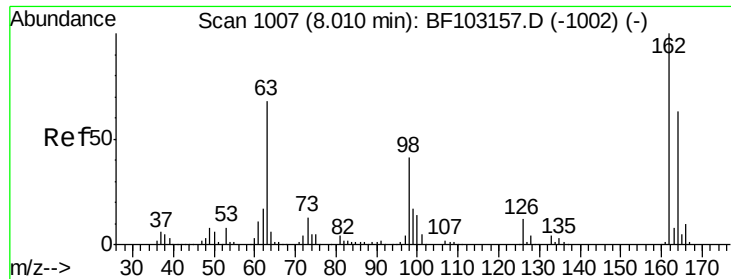


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

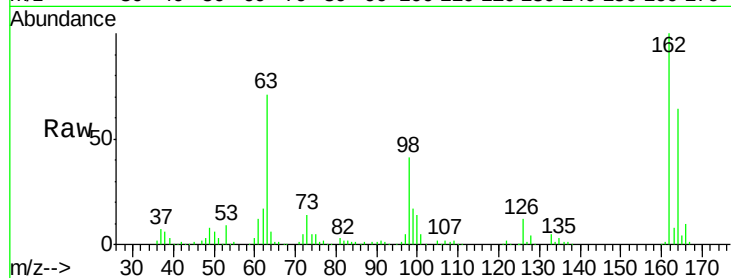




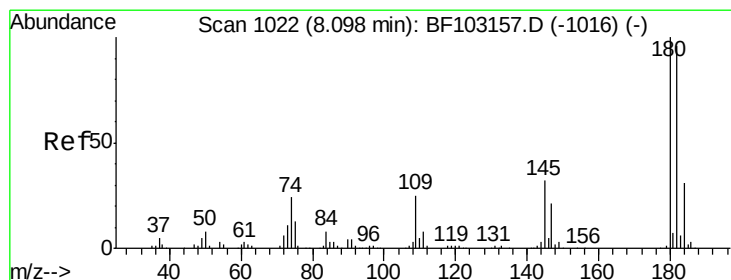
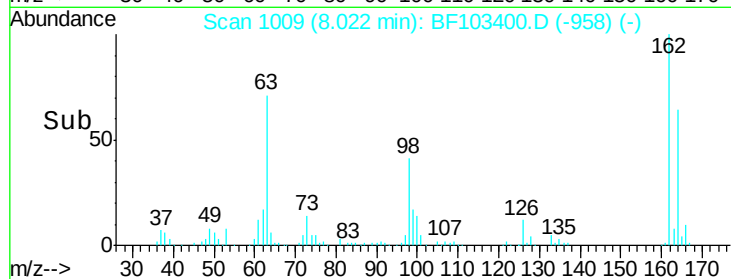
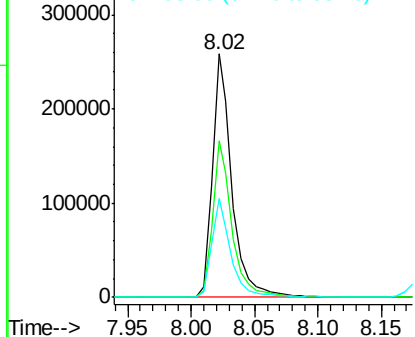
#29
2,4-Dichlorophenol
Concen: 39.499 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 279519
Ion Ratio Lower Upper
162 100
164 64.2 42.7 82.7
98 40.8 18.1 58.1

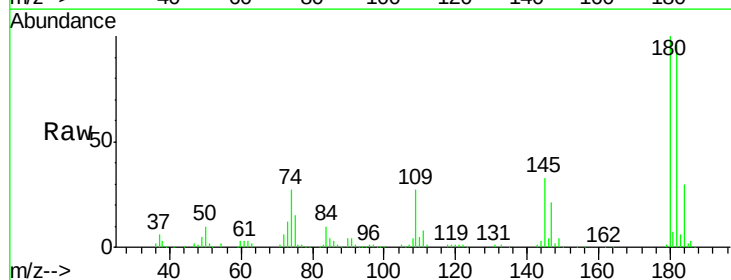


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

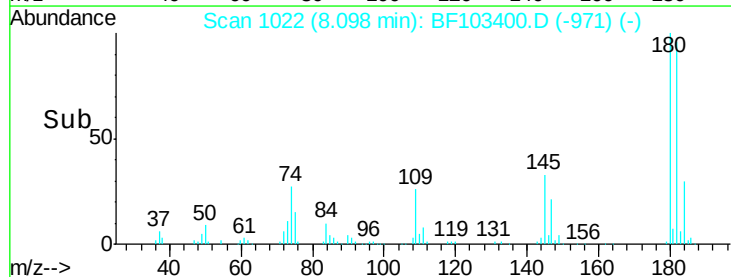
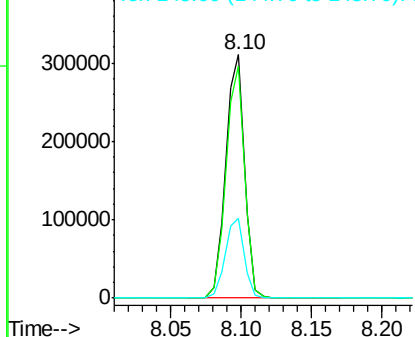


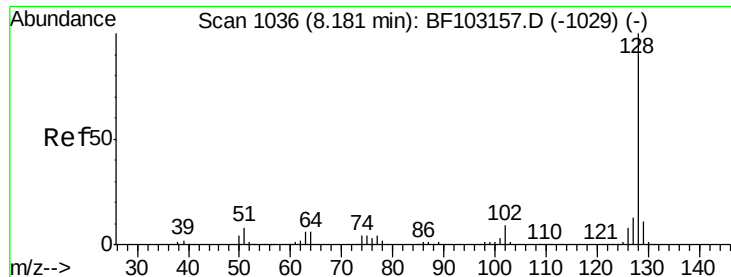
#30
1,2,4-Trichlorobenzene
Concen: 38.058 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Tgt Ion:180 Resp: 286794
Ion Ratio Lower Upper
180 100
182 95.5 76.8 115.2
145 32.7 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

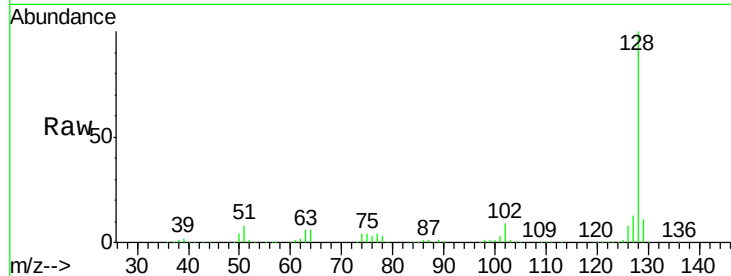




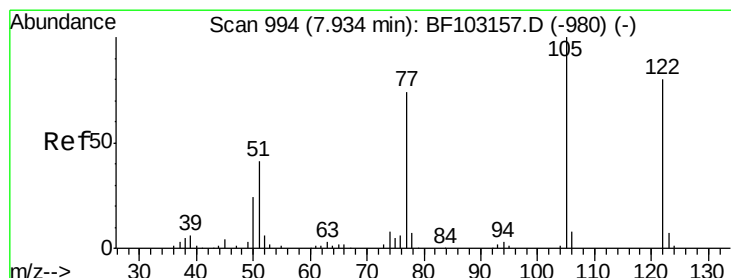
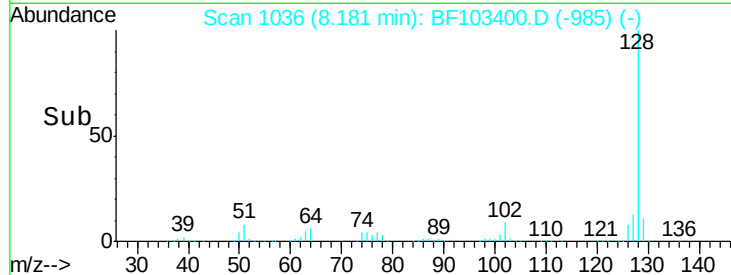
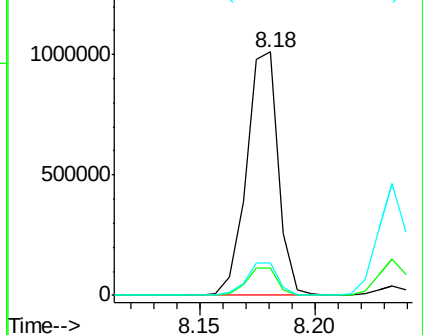
#31
Naphthalene
Concen: 37.292 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 972756
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 10.9 16.3

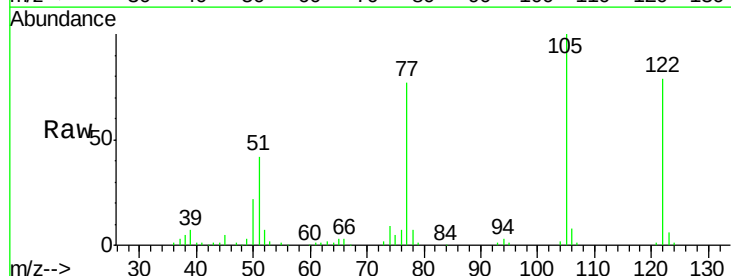


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

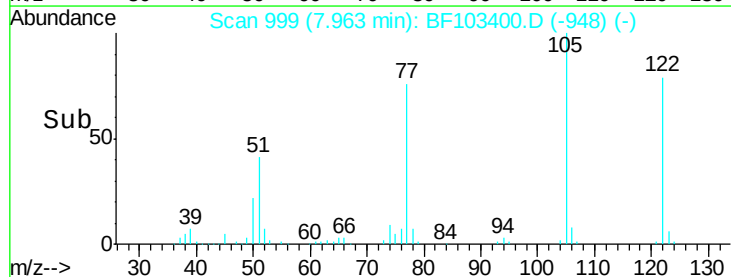
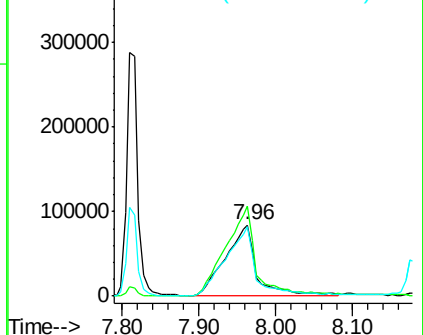


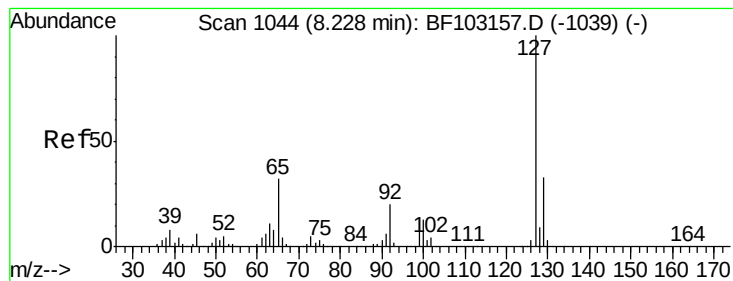
#32
Benzoic acid
Concen: 43.637 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Tgt Ion:122 Resp: 235264
Ion Ratio Lower Upper
122 100
105 126.4 101.1 141.1
77 97.0 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: 38.083 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 428663

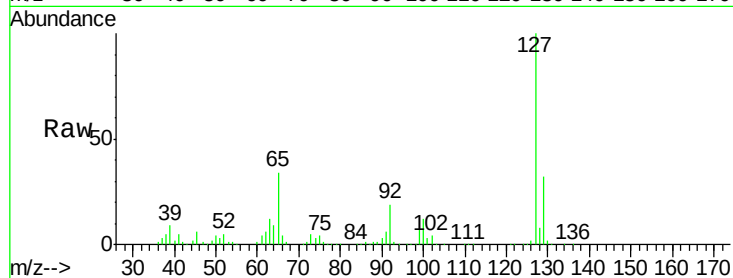
Ion Ratio Lower Upper

127 100

129 32.2 25.9 38.9

65 33.8 25.0 37.4

92 19.5 15.2 22.8

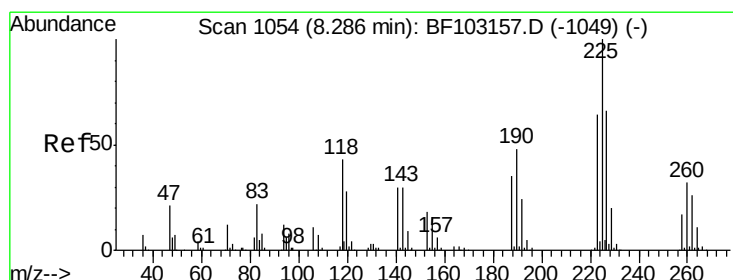
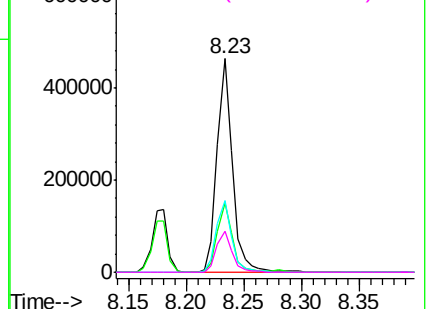
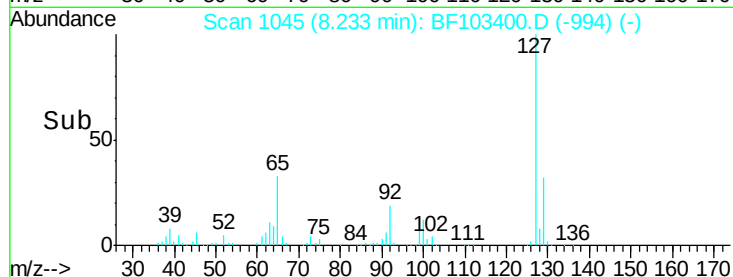


Abundance Ion 127.00 (126.70 to 127.70): E

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: 36.905 ng

RT: 8.29 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

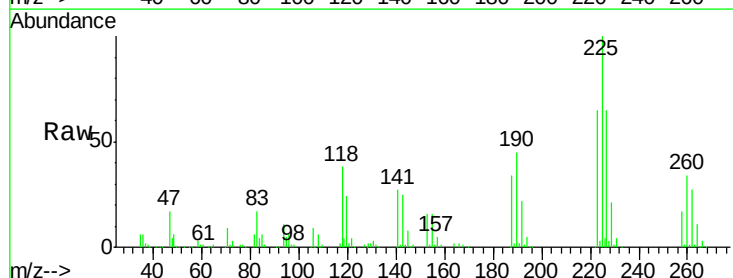
Tgt Ion:225 Resp: 144822

Ion Ratio Lower Upper

225 100

223 64.6 50.6 76.0

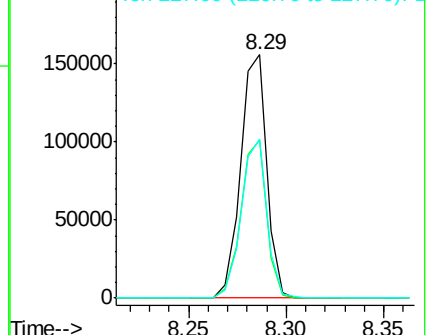
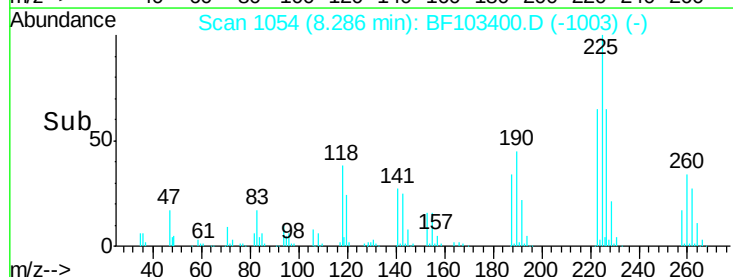
227 65.1 51.9 77.9

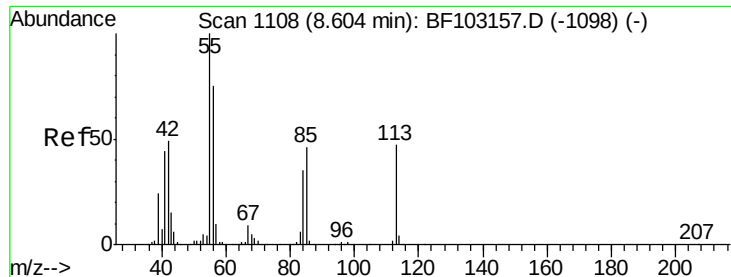


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

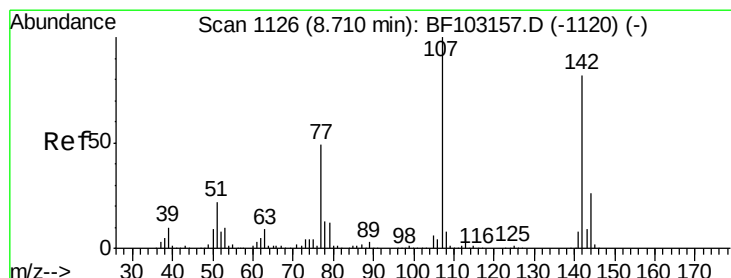
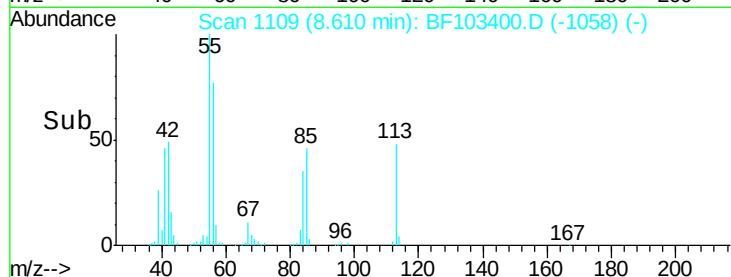
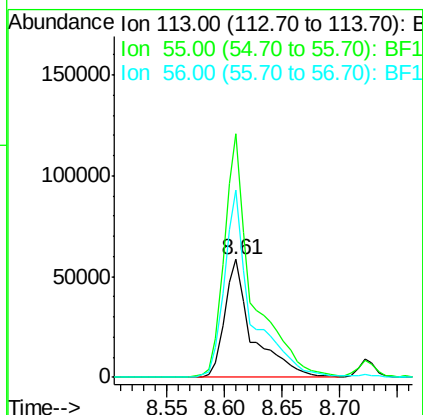
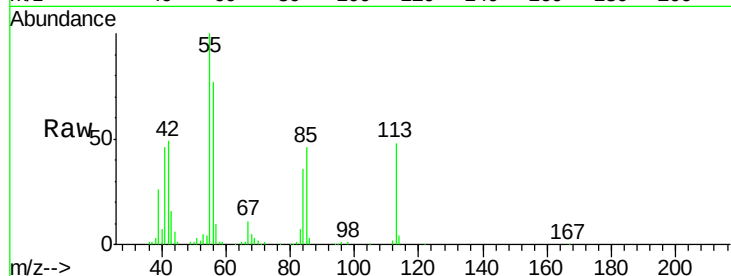




#35
Caprolactam
Concen: 39.418 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

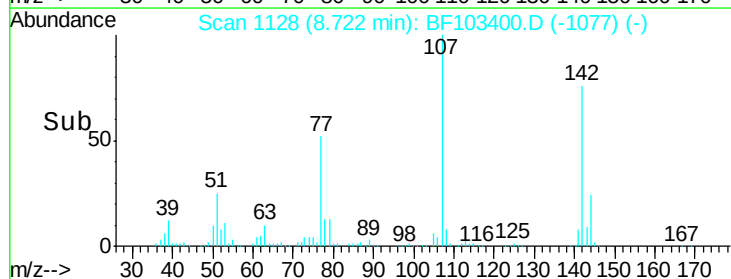
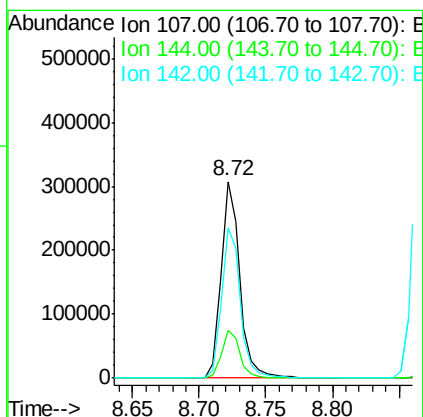
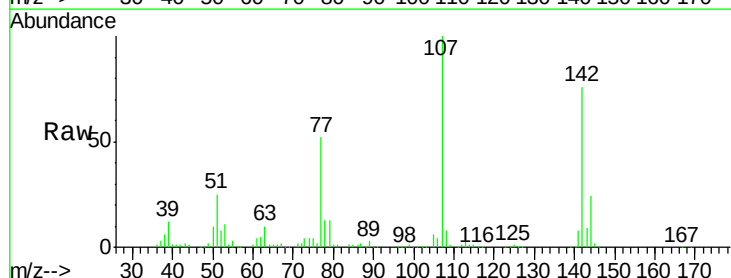
Instrument :
BNA_F
ClientSampleId :

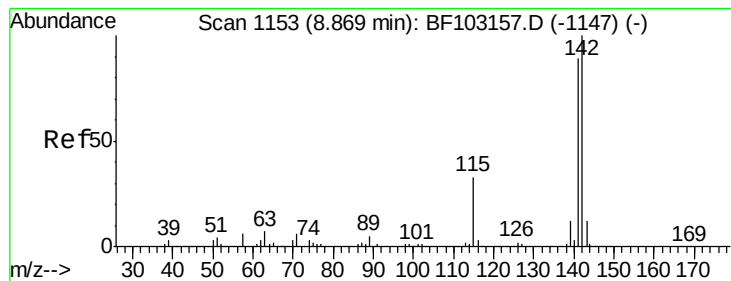
Tot Ion:113 Resp: 98037
Ion Ratio Lower Upper
113 100
55 207.1 163.3 203.3#
56 159.3 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 38.348 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Tgt Ion:107 Resp: 306083
Ion Ratio Lower Upper
107 100
144 24.2 20.5 30.7
142 76.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 37.493 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

Instrument :

BNA_F

ClientSampled :

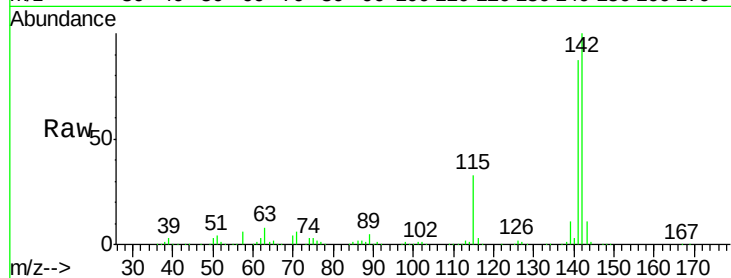
Tot Ion:142 Resp: 632054

Ion Ratio Lower Upper

142 100

141 87.5 70.8 106.2

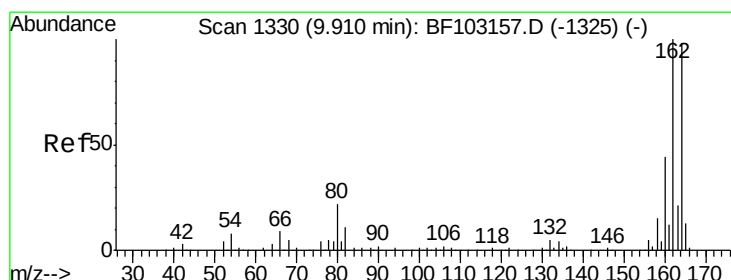
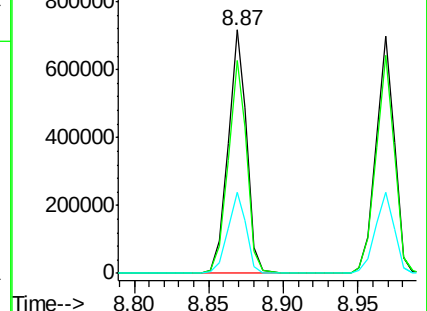
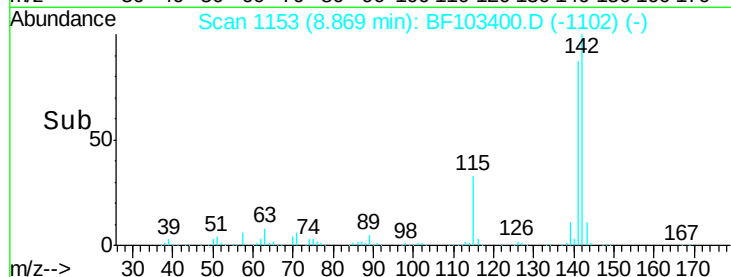
115 33.2 26.1 39.1



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: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

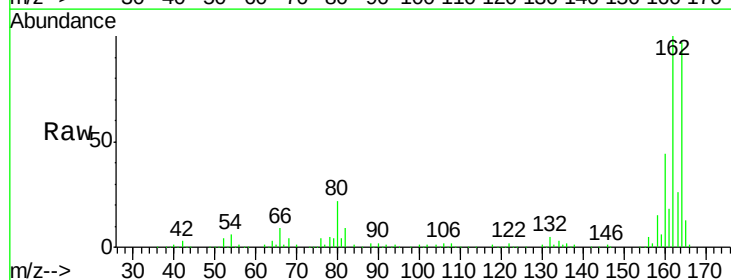
Tgt Ion:164 Resp: 244991

Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

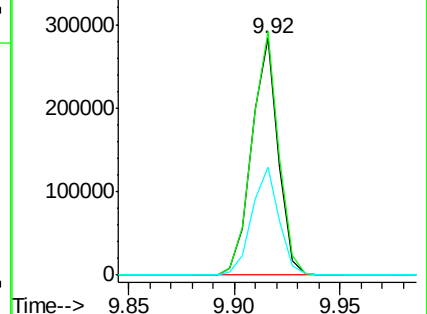
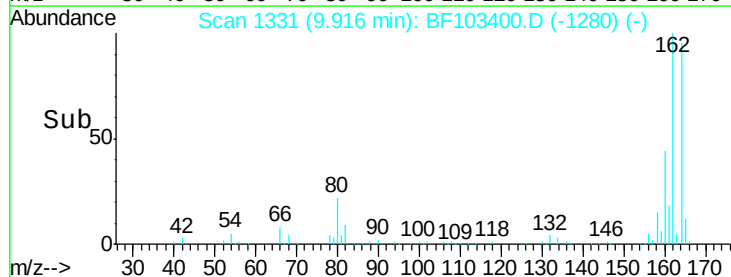
160 45.6 38.3 57.5

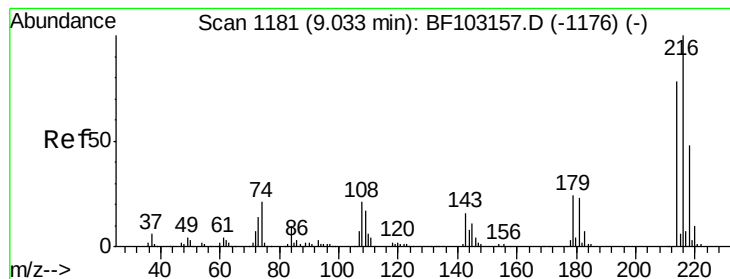


Abundance Ion 164.00 (163.70 to 164.70): E

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: 37.214 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 249242

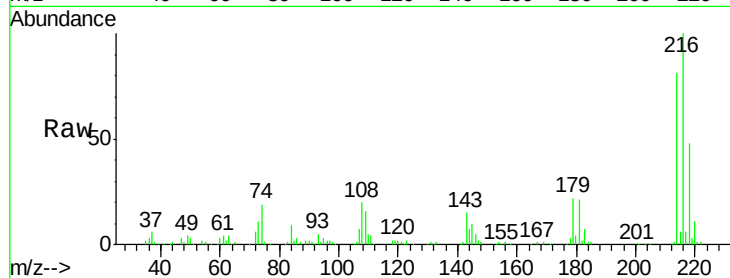
Ion Ratio Lower Upper

216 100

214 80.3 63.0 94.4

179 23.2 18.1 27.1

108 24.1 17.2 25.8

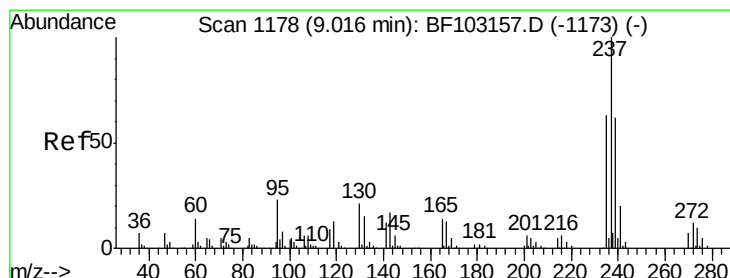
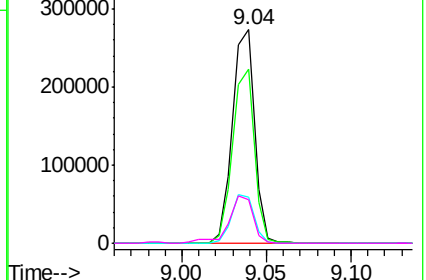
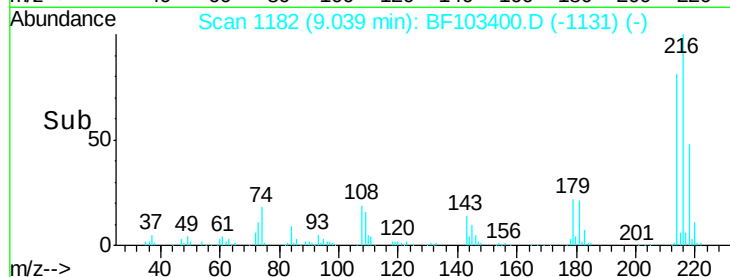


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.298 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

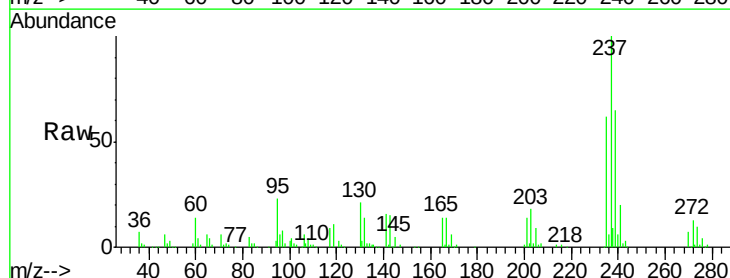
Tgt Ion:237 Resp: 86084

Ion Ratio Lower Upper

237 100

235 61.9 44.8 84.8

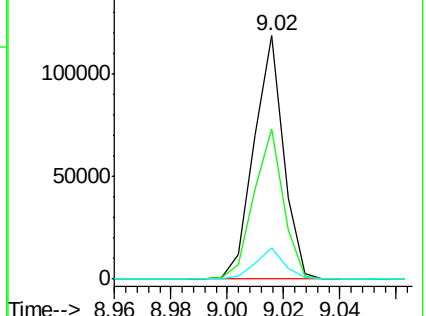
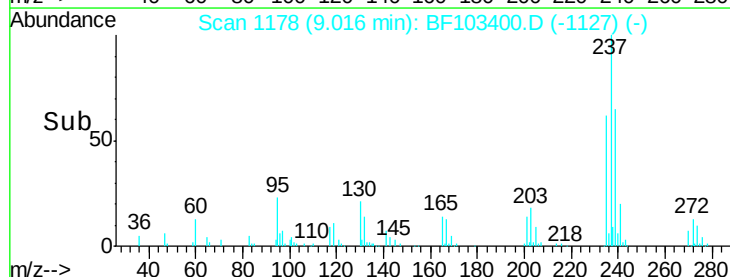
272 12.6 0.0 33.3

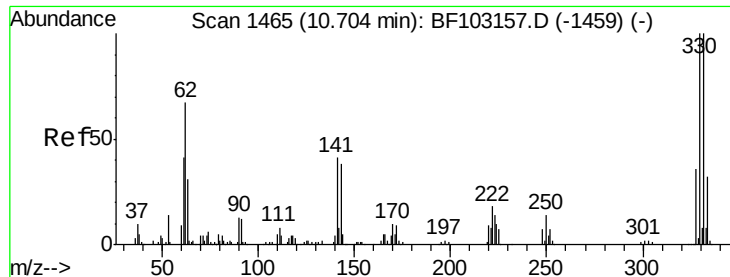


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

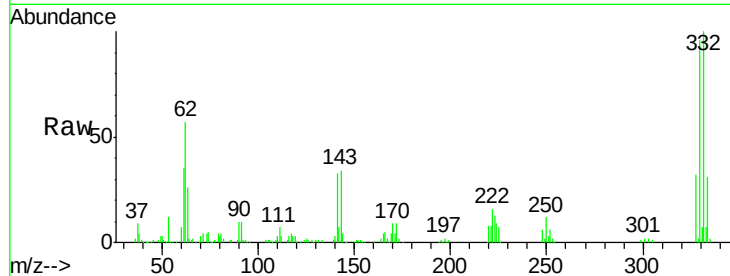




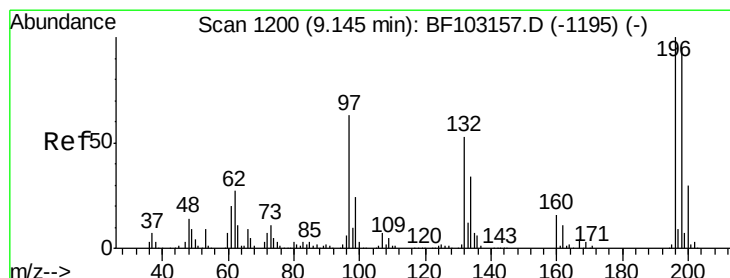
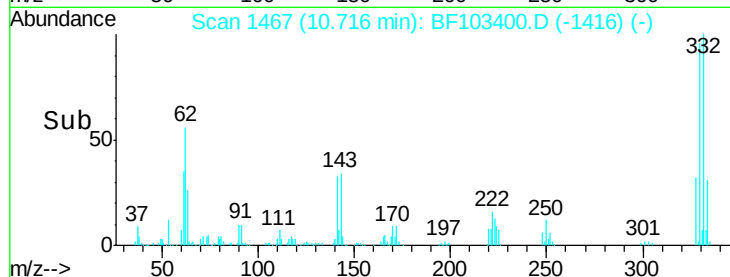
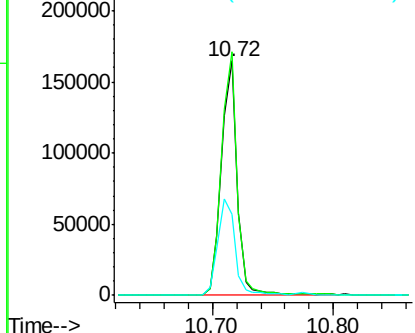
#41
 2,4,6-Tribromophenol
 Concen: 72.315 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF103400.D
 Acq: 5 Mar 2018 10:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 149961
 Ion Ratio Lower Upper
 330 100
 332 103.1 77.0 115.6
 141 44.5 29.9 44.9

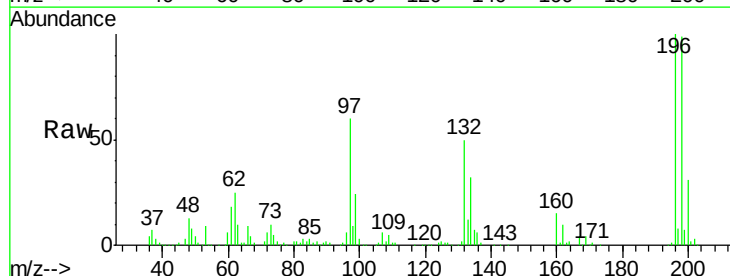


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

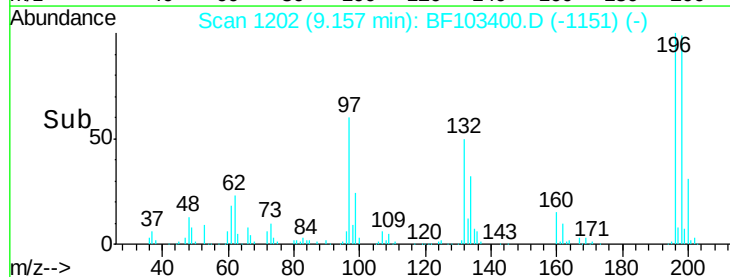
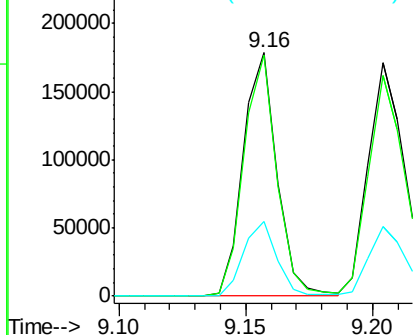


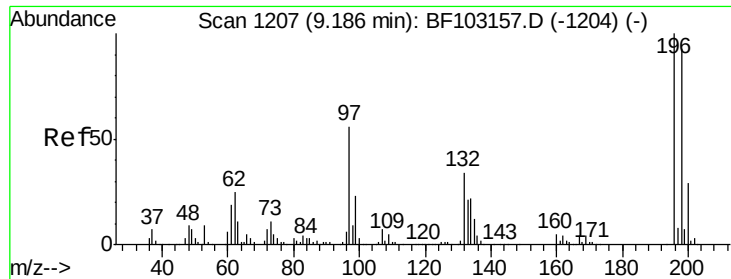
#42
 2,4,6-Trichlorophenol
 Concen: 36.877 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF103400.D
 Acq: 5 Mar 2018 10:57

Tgt Ion:196 Resp: 166189
 Ion Ratio Lower Upper
 196 100
 198 99.0 75.7 113.5
 200 30.6 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

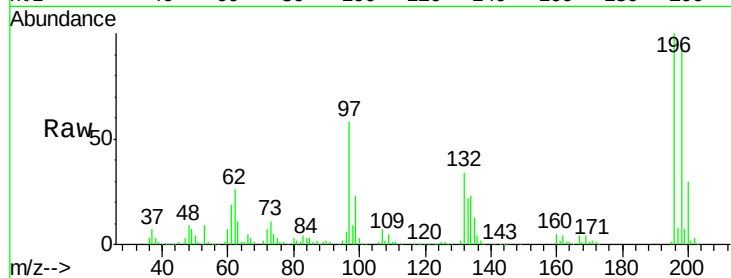




#43
 2,4,5-Trichlorophenol
 Concen: 36.000 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF103400.D
 Acq: 5 Mar 2018 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	186599
Ion Ratio	100	Lower	Upper
196	100		
198	95.0	74.6	112.0
97	58.3	42.9	64.3
132	34.3	26.3	39.5



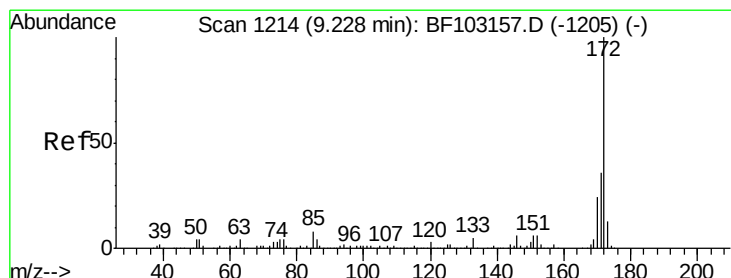
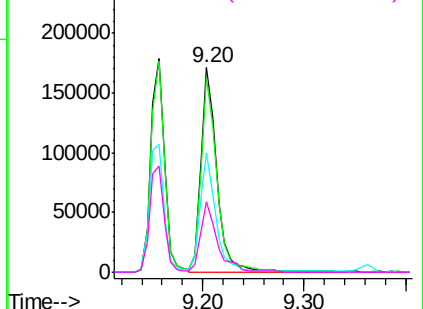
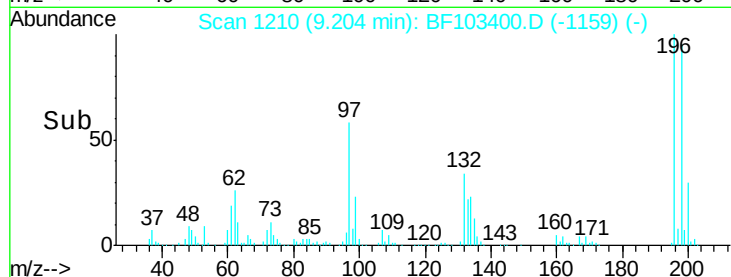
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

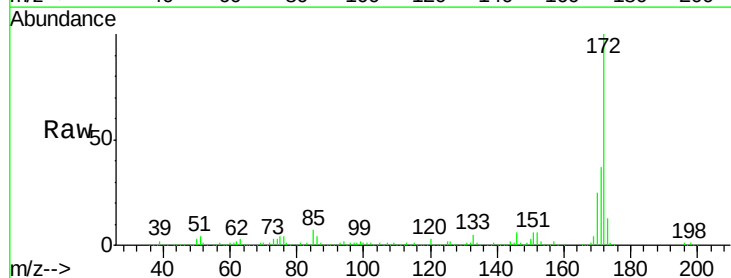
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.172 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103400.D
 Acq: 5 Mar 2018 10:57

Tgt Ion	172	Resp	1076001
Ion Ratio	100	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.6	19.6	29.4

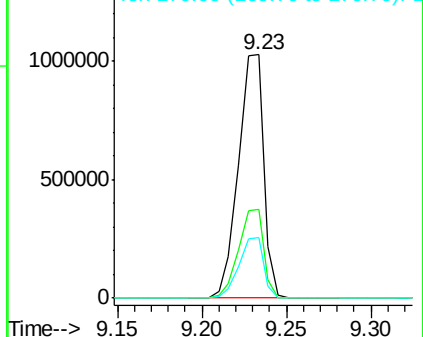
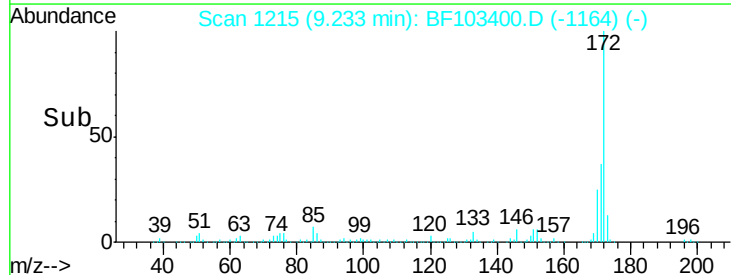


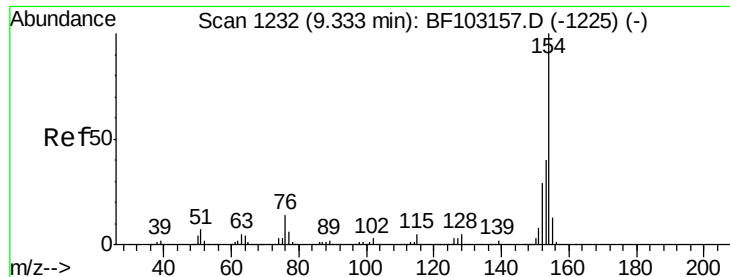
Abundance

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: 36.829 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

Instrument :

BNA_F

ClientSampleId :

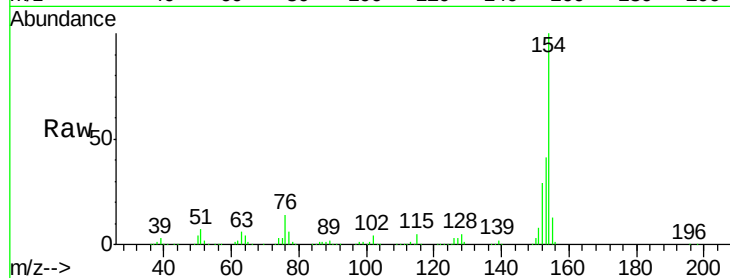
Tot Ion:154 Resp: 756066

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

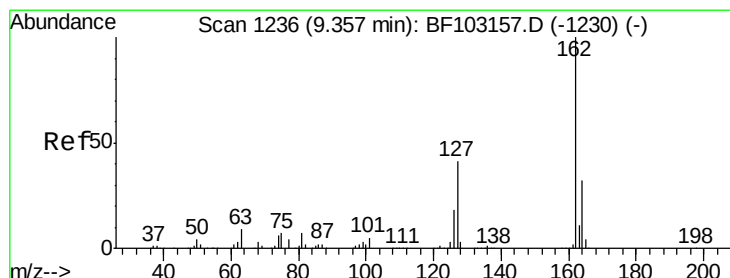
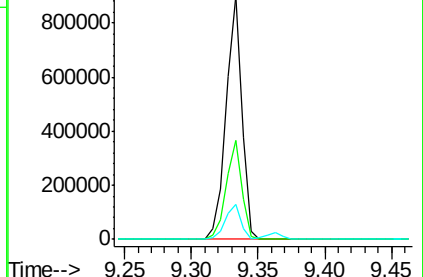
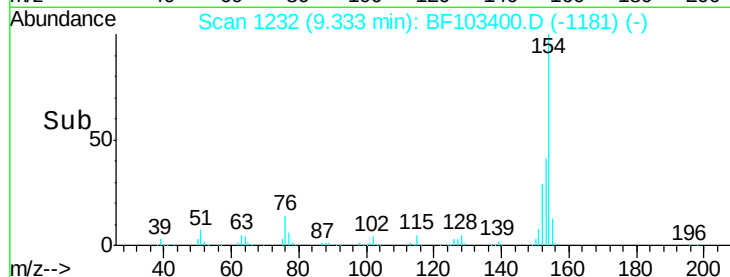
76 14.1 0.0 34.0



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: 36.683 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

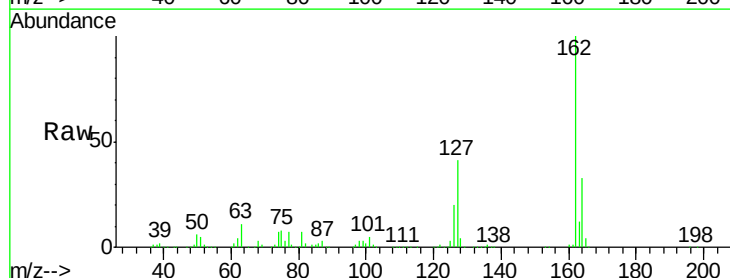
Tgt Ion:162 Resp: 595777

Ion Ratio Lower Upper

162 100

127 41.2 33.9 50.9

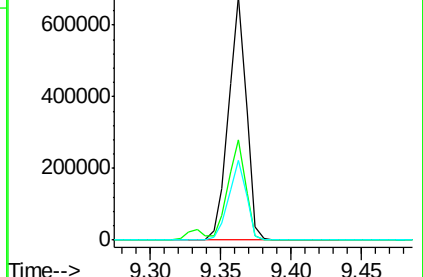
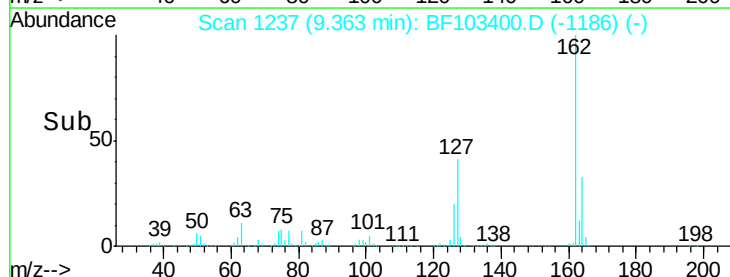
164 32.8 26.5 39.7

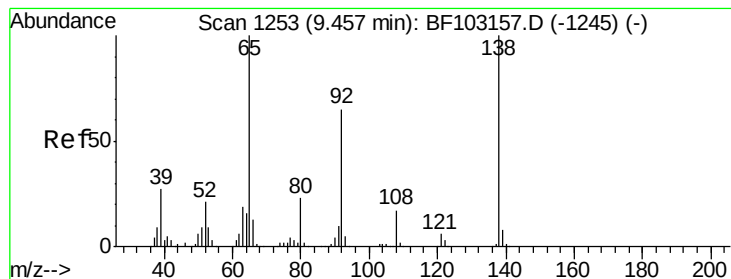


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.346 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

Instrument :

BNA_F

ClientSampleId :

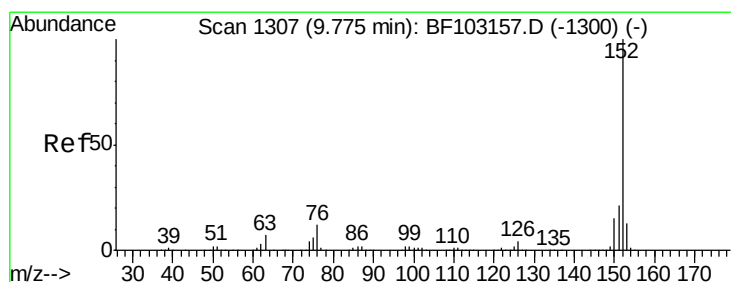
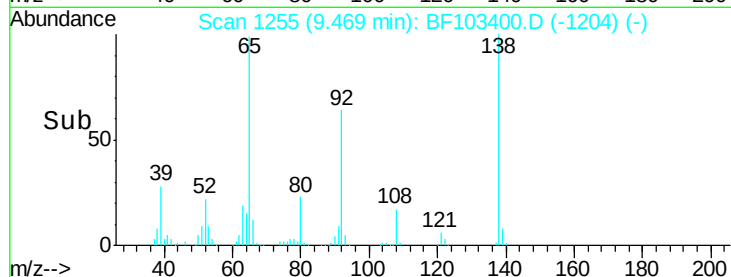
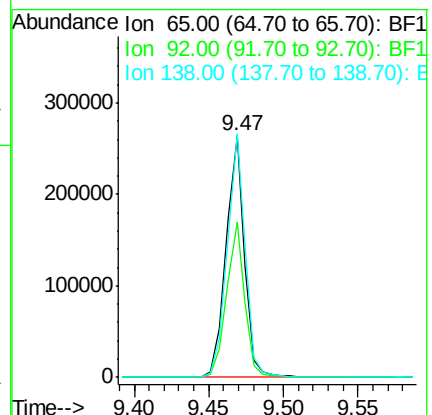
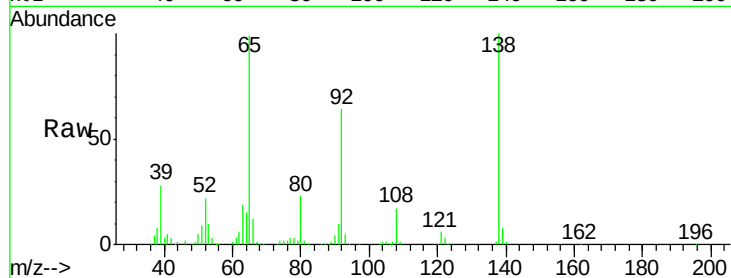
Tot Ion: 65 Resp: 230691

Ion Ratio Lower Upper

65 100

92 64.3 55.8 83.6

138 101.0 91.2 136.8



#48

Acenaphthylene

Concen: 36.055 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

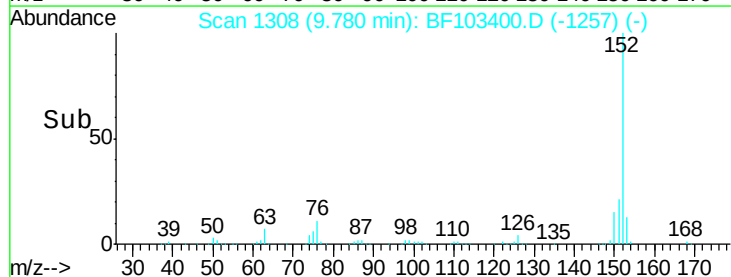
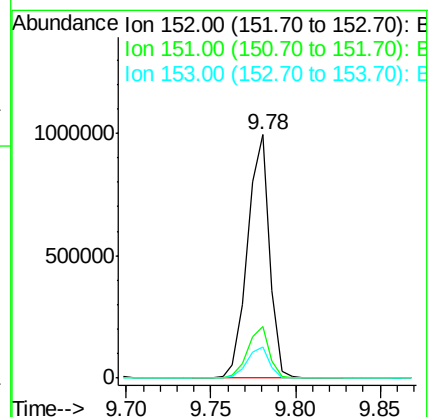
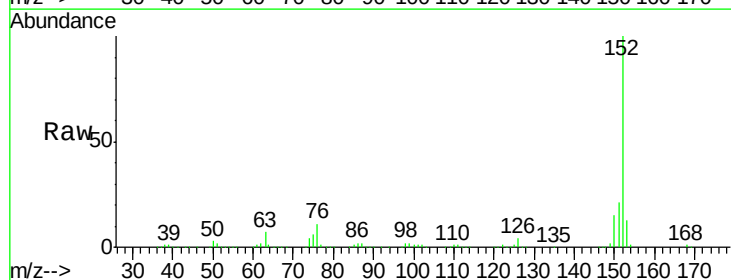
Tgt Ion: 152 Resp: 900965

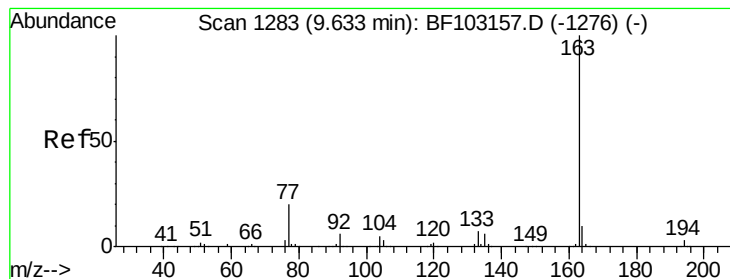
Ion Ratio Lower Upper

152 100

151 21.2 16.3 24.5

153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 36.168 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

Instrument :

BNA_F

ClientSampleId :

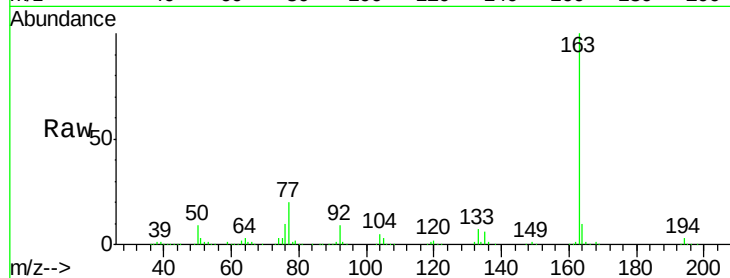
Tot Ion:163 Resp: 710833

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

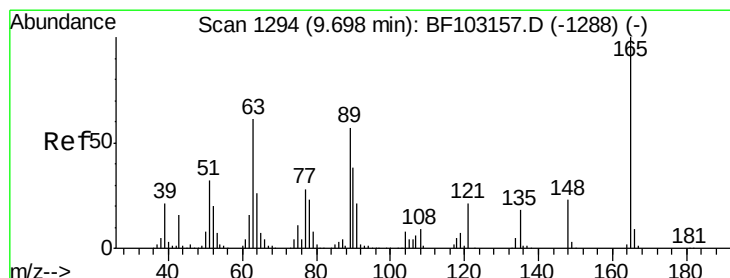
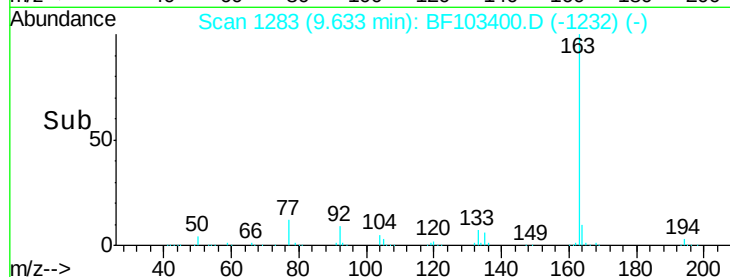
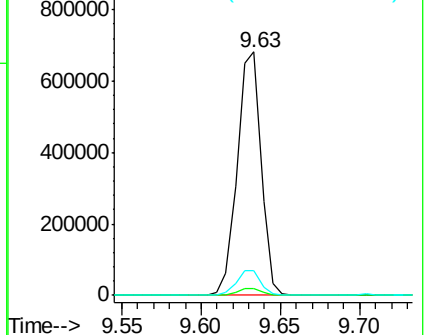
164 10.2 8.2 12.2



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: 36.573 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

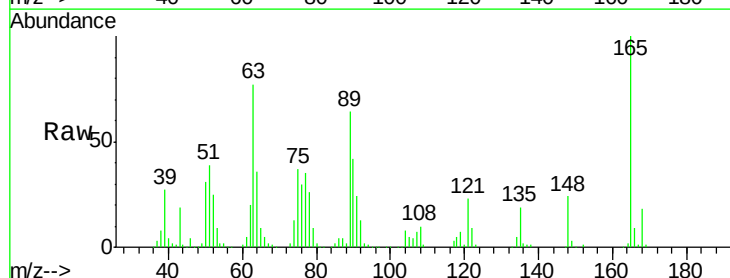
Tgt Ion:165 Resp: 150841

Ion Ratio Lower Upper

165 100

63 76.7 44.7 67.1#

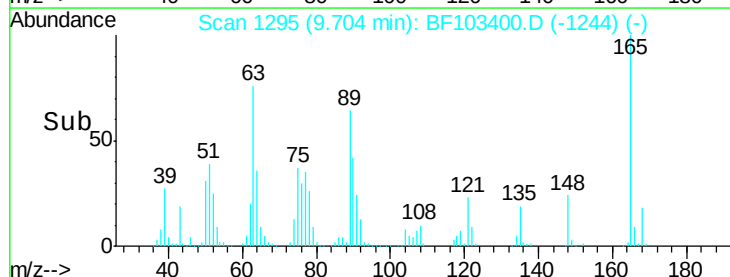
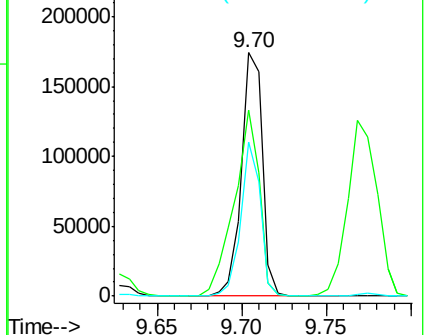
89 63.5 44.0 66.0

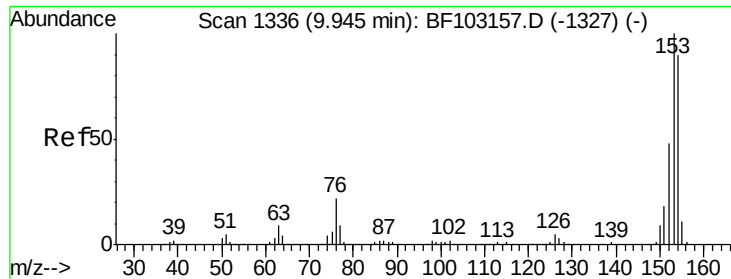


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.621 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

Instrument :

BNA_F

ClientSampled :

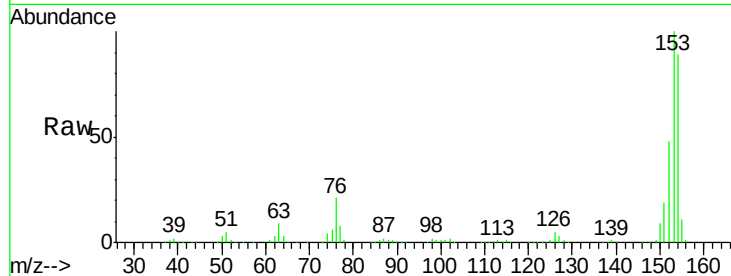
Tot Ion:154 Resp: 533618

Ion Ratio Lower Upper

154 100

153 111.8 91.2 136.8

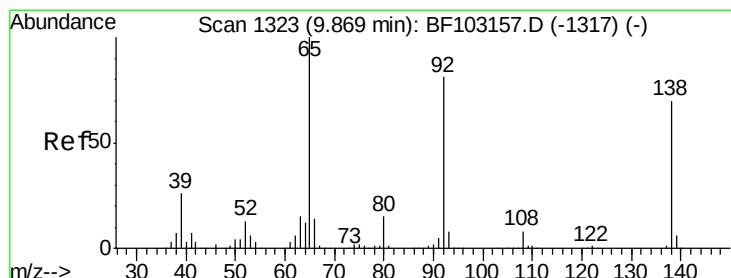
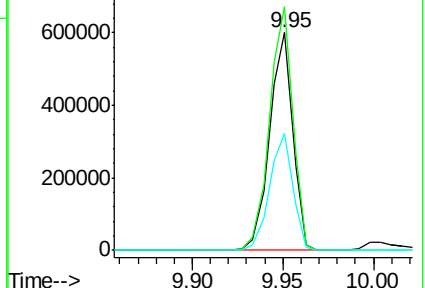
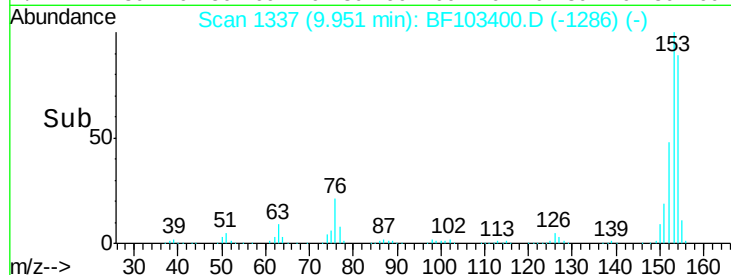
152 53.8 43.8 65.8



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: 37.563 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

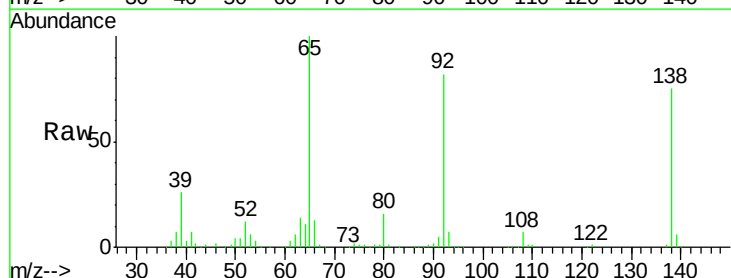
Tgt Ion:138 Resp: 196553

Ion Ratio Lower Upper

138 100

108 9.5 9.4 14.0

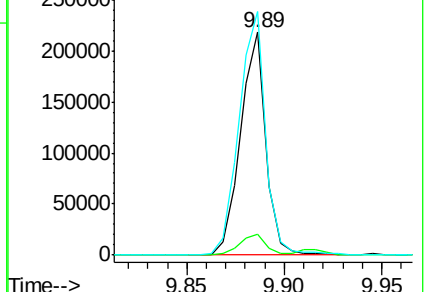
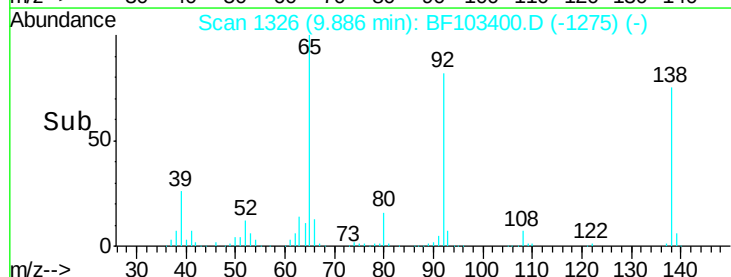
92 109.1 89.4 134.2

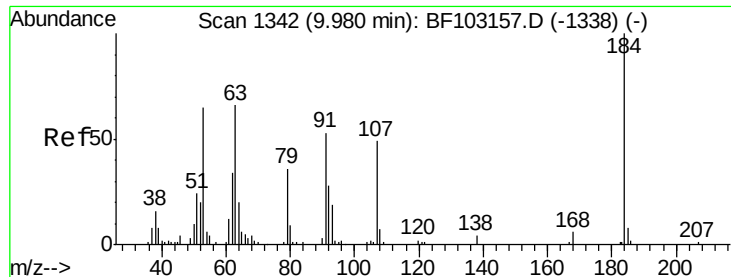


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

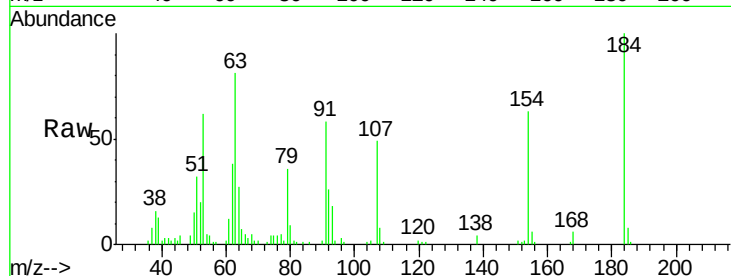




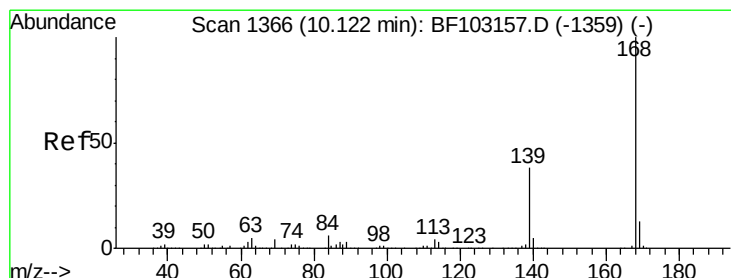
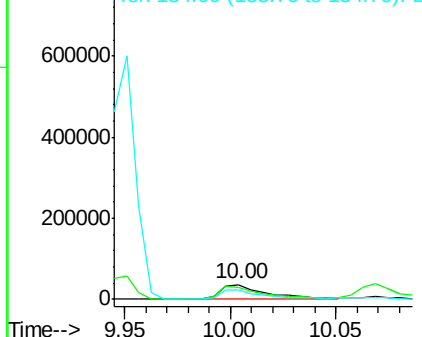
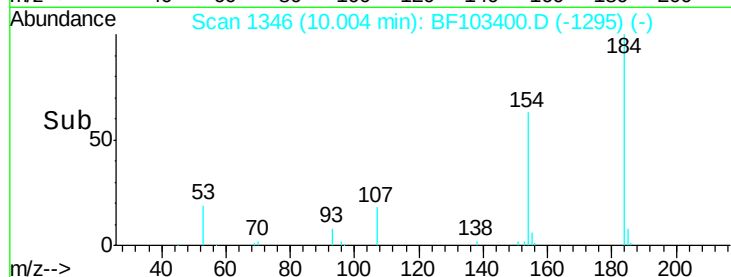
#53
2,4-Dinitrophenol
Concen: 42.515 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 55704
Ion Ratio Lower Upper
184 100
63 81.0 54.2 81.2
154 62.7 184.0 276.0#

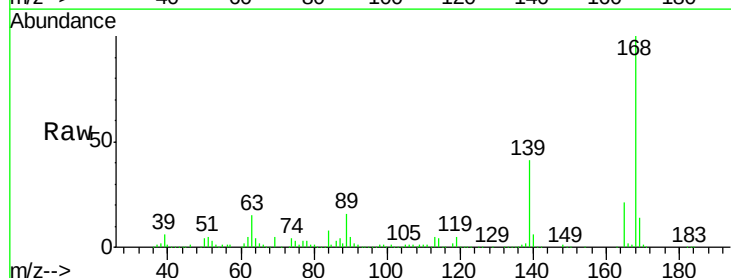


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

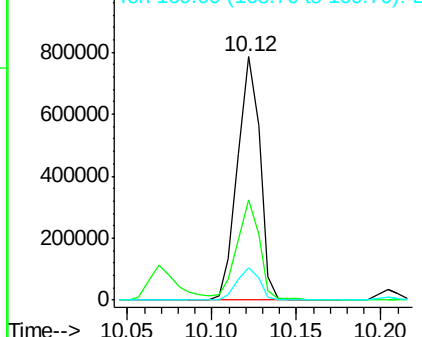
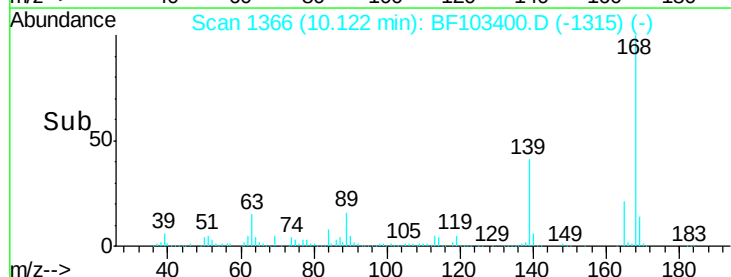


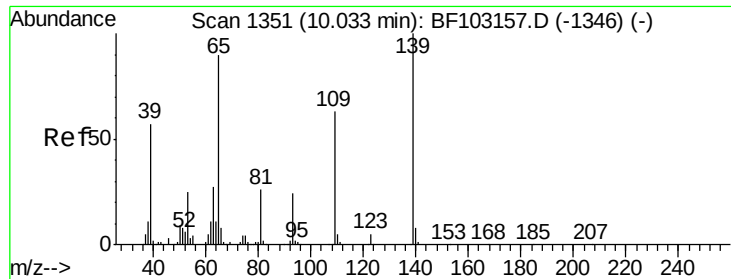
#54
Dibenzofuran
Concen: 36.345 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Tgt Ion:168 Resp: 726985
Ion Ratio Lower Upper
168 100
139 41.1 30.1 45.1
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

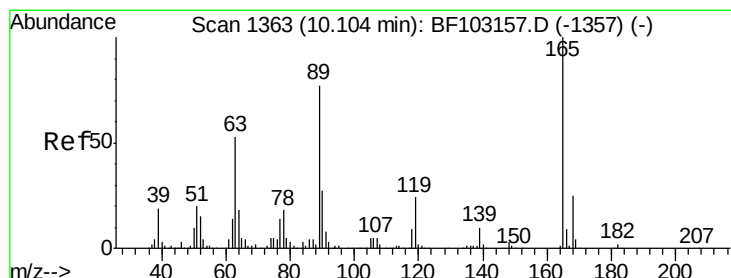
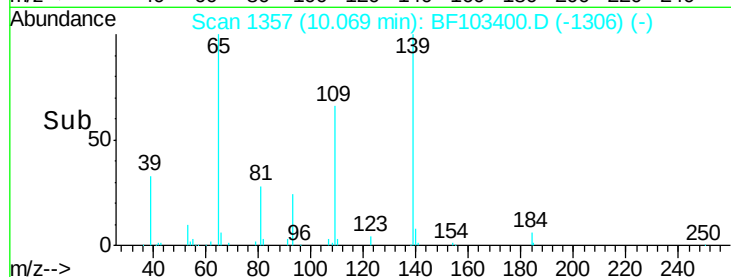
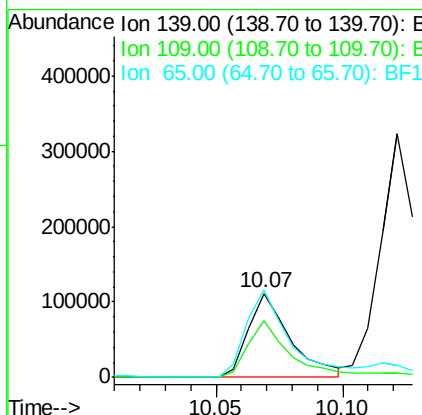
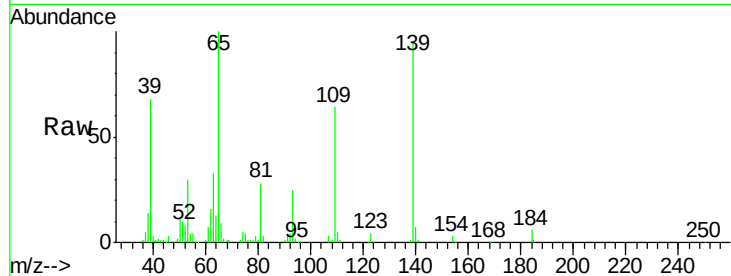




#55
4-Nitrophenol
Concen: 39.859 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

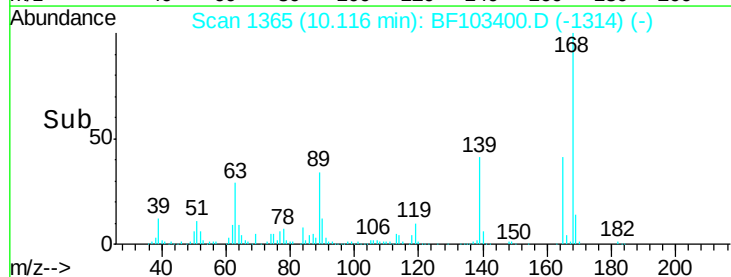
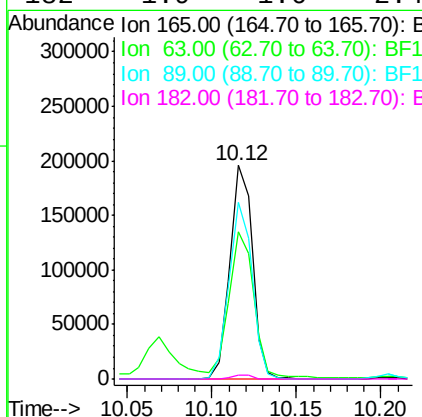
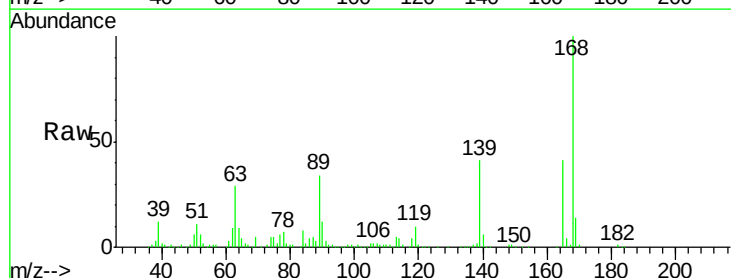
Instrument :
BNA_F
ClientSampleId :

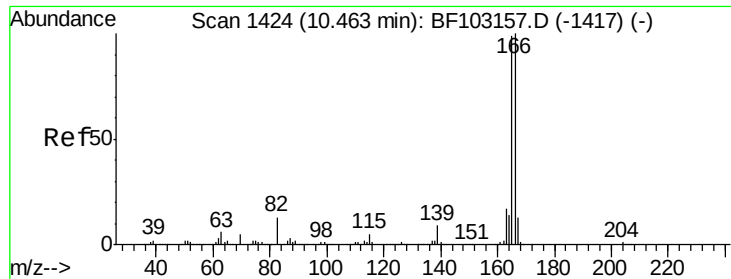
Tot Ion:139 Resp: 129265
Ion Ratio Lower Upper
139 100
109 67.1 48.4 88.4
65 104.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 34.842 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Tgt Ion:165 Resp: 181745
Ion Ratio Lower Upper
165 100
63 69.2 36.4 54.6#
89 82.8 57.8 86.6
182 1.9 1.6 2.4

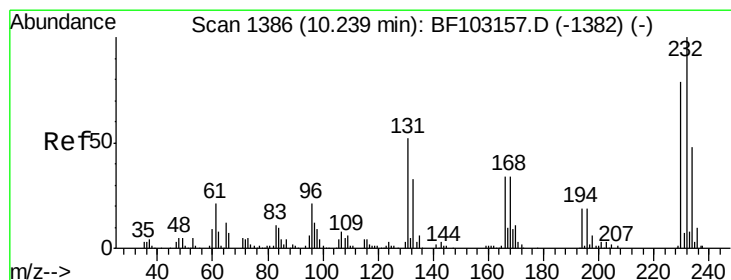
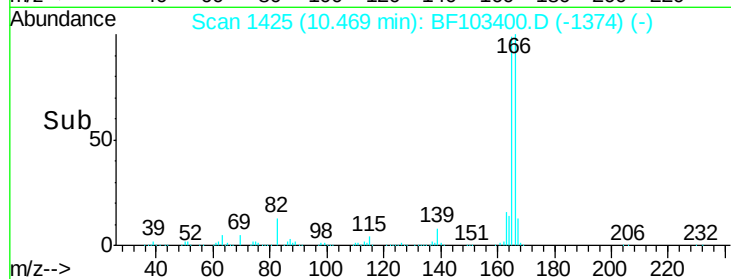
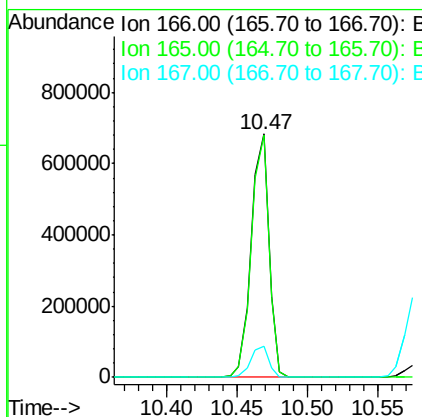
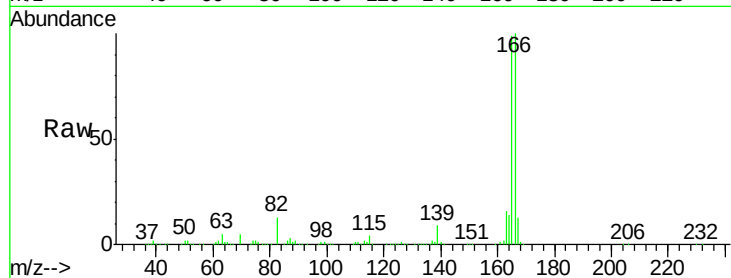




#57
 Fluorene
 Concen: 35.924 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF103400.D
 Acq: 5 Mar 2018 10:57

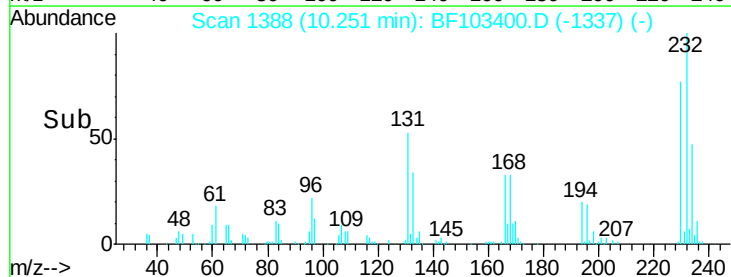
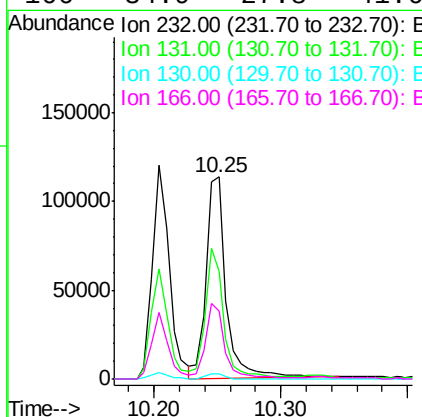
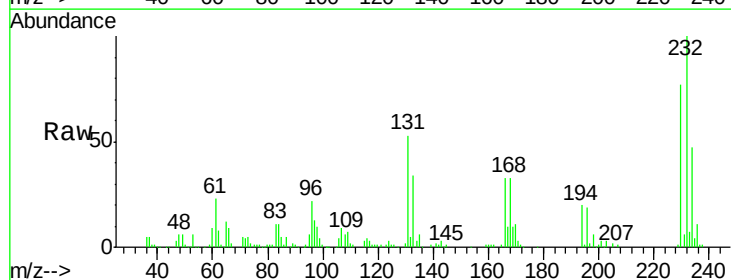
Instrument :
 BNA_F
 ClientSampled :

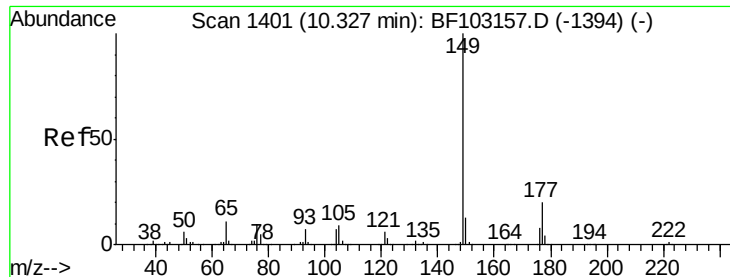
Tot Ion:166 Resp: 612130
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.8 119.8
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.953 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BF103400.D
 Acq: 5 Mar 2018 10:57

Tgt Ion:232 Resp: 125187
 Ion Ratio Lower Upper
 232 100
 131 60.2 43.8 65.8
 130 2.6 2.1 3.1
 166 34.9 27.8 41.6

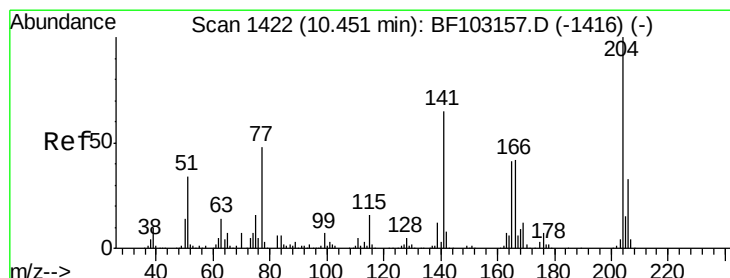
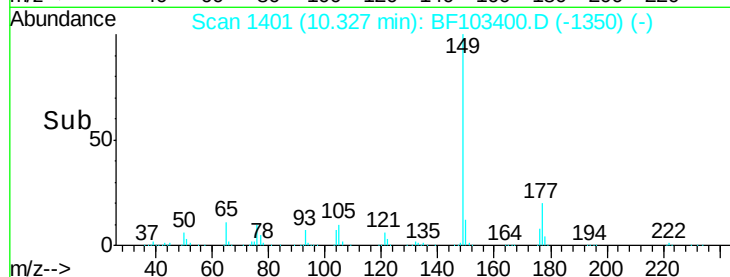
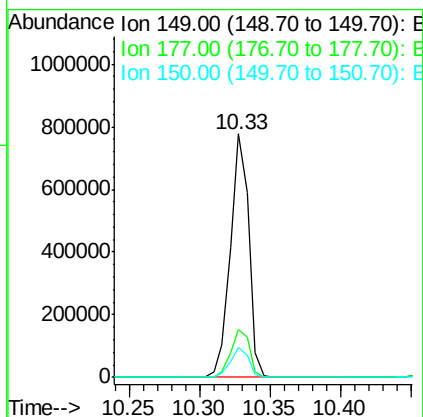
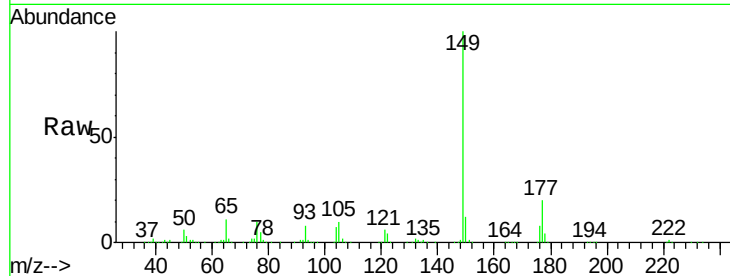




#59
Diethylphthalate
Concen: 37.344 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

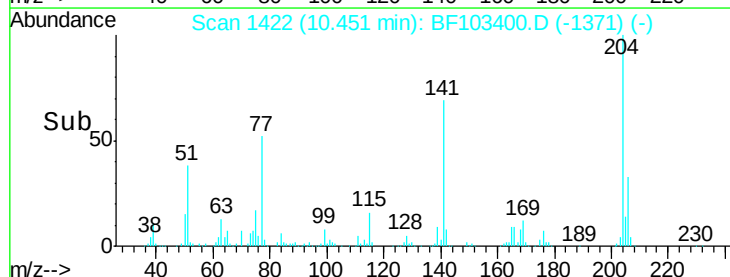
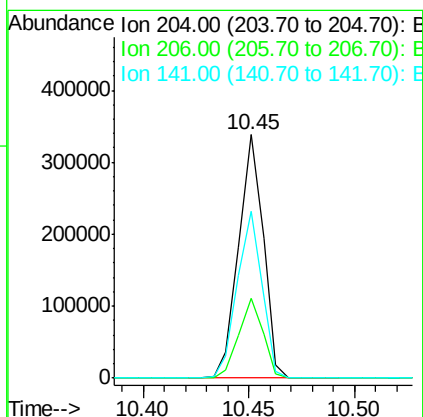
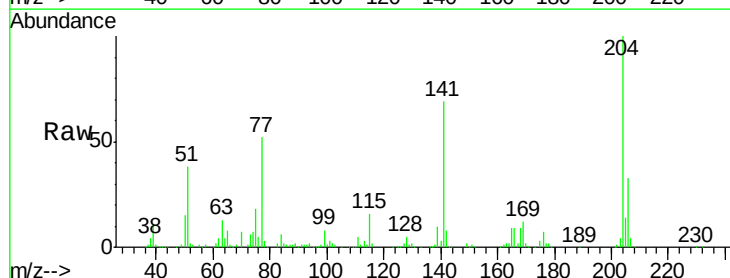
Instrument :
BNA_F
ClientSampleId :

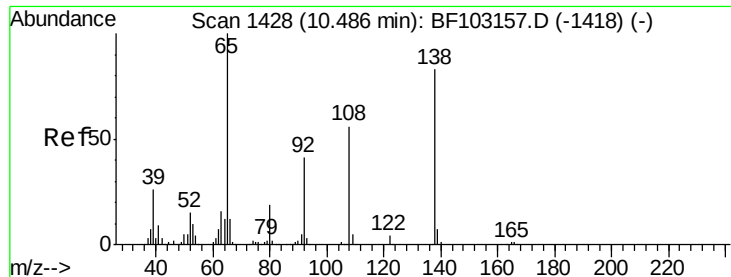
Tot Ion:149 Resp: 701948
Ion Ratio Lower Upper
149 100
177 19.6 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.836 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Tgt Ion:204 Resp: 273401
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 68.7 54.6 81.8

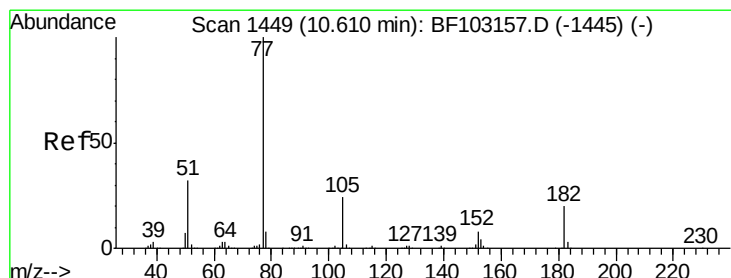
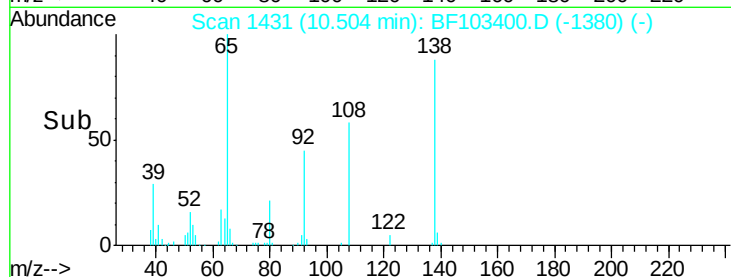
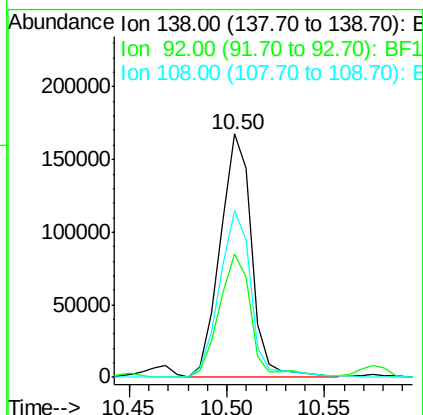
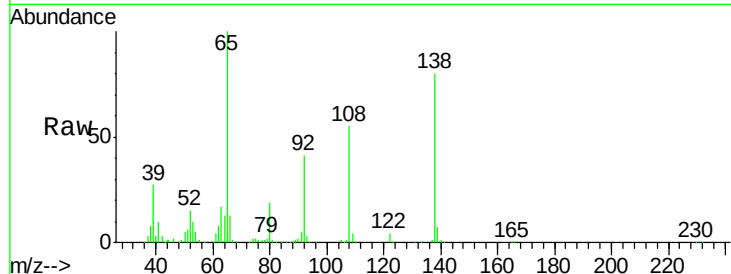




#61
4-Nitroaniline
Concen: 35.583 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

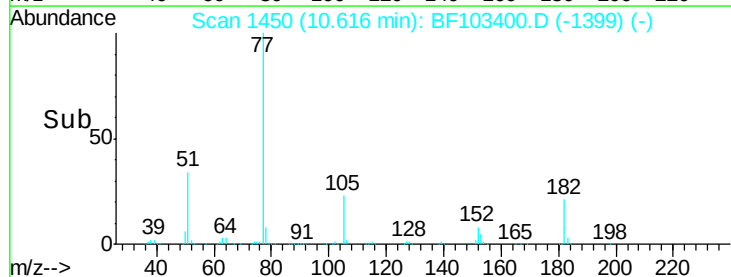
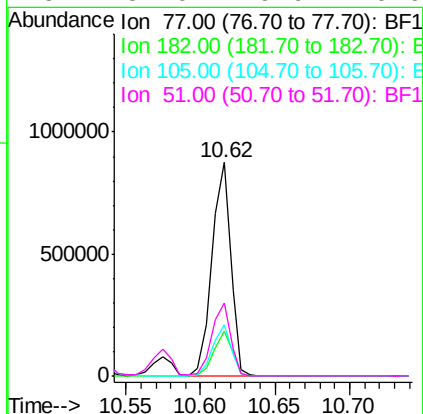
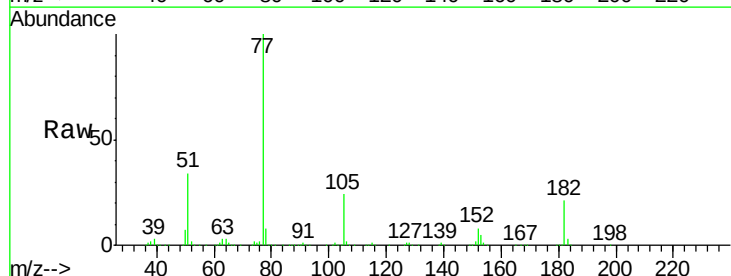
Instrument :
BNA_F
ClientSampled :

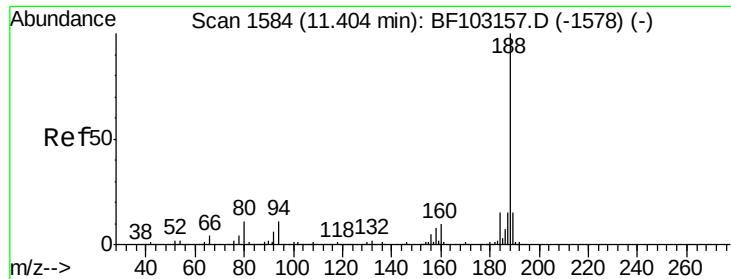
Tot Ion:138 Resp: 185976
Ion Ratio Lower Upper
138 100
92 50.7 30.2 70.2
108 68.7 52.5 92.5



#62
Azobenzene
Concen: 39.899 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Tgt Ion: 77 Resp: 763390
Ion Ratio Lower Upper
77 100
182 21.2 1.7 41.7
105 24.0 3.0 43.0
51 34.0 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

Instrument :

BNA_F

ClientSampleId :

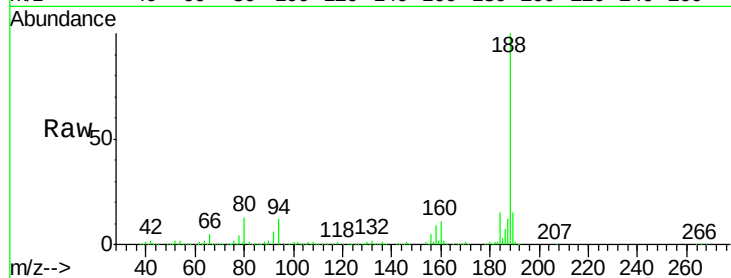
Tot Ion:188 Resp: 425416

Ion Ratio Lower Upper

188 100

94 11.6 8.5 12.7

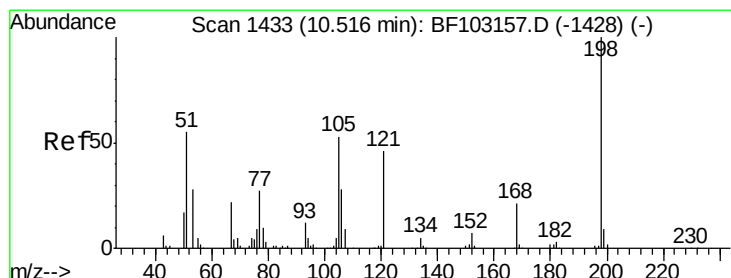
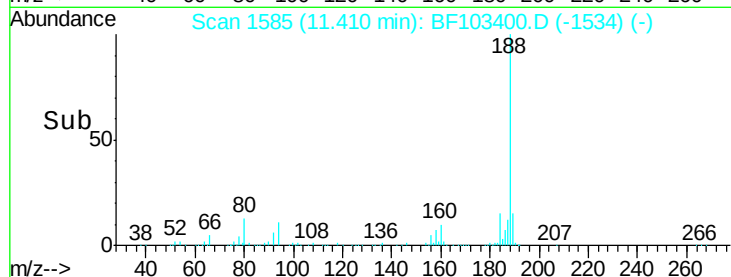
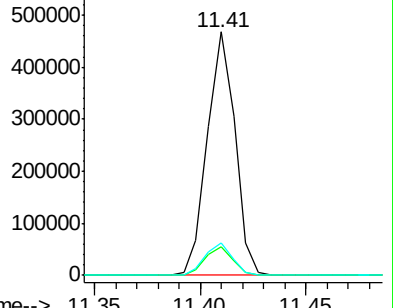
80 13.1 9.2 13.8



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: 35.580 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

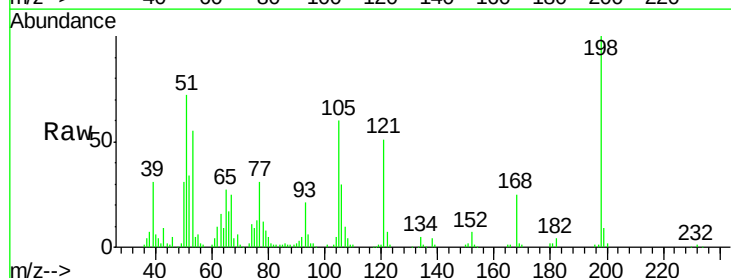
Tgt Ion:198 Resp: 88405

Ion Ratio Lower Upper

198 100

51 72.2 37.7 77.7

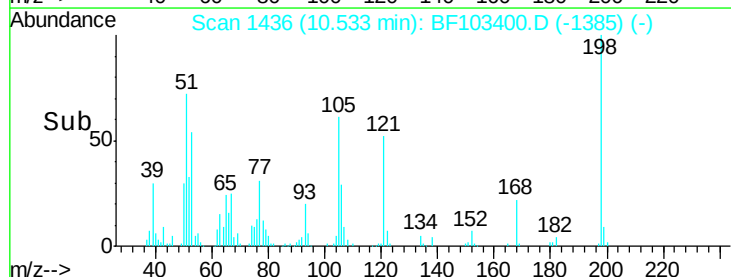
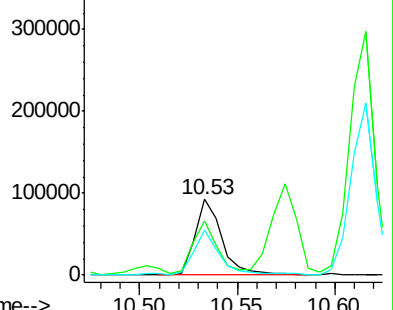
105 60.5 36.3 76.3

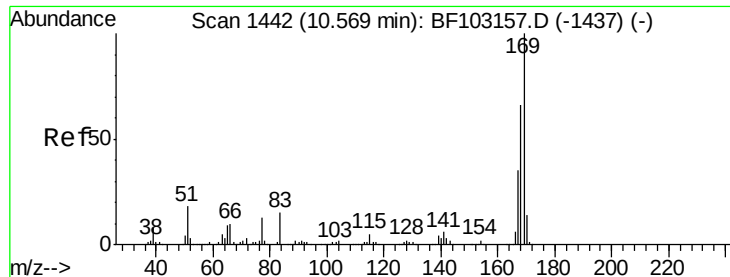


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.320 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

Instrument :

BNA_F

ClientSampleId :

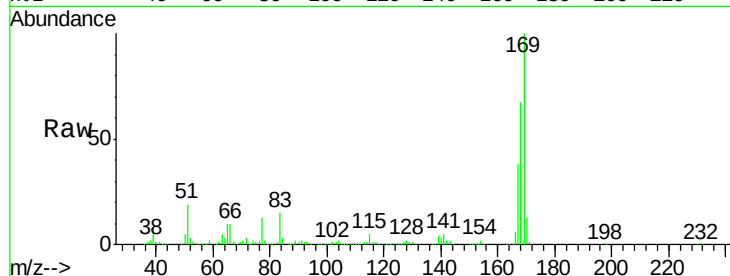
Tot Ion:169 Resp: 552797

Ion Ratio Lower Upper

169 100

168 67.1 54.4 81.6

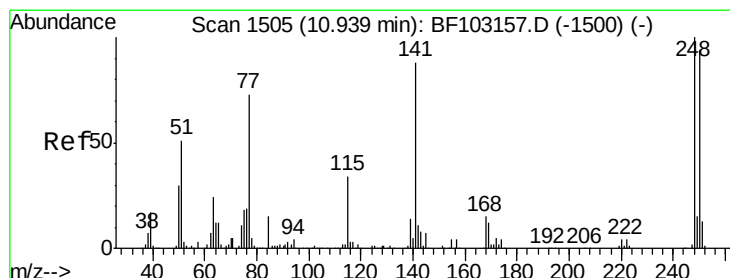
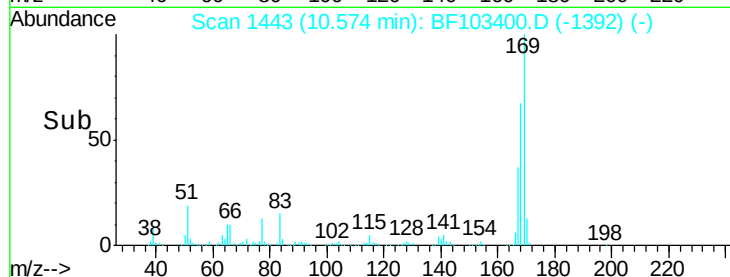
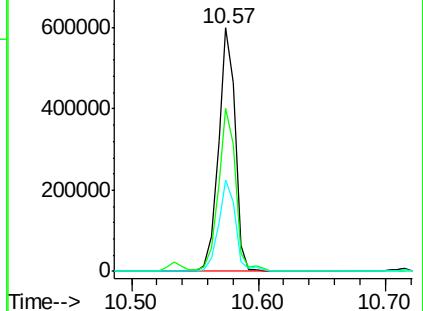
167 37.6 29.8 44.6



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: 37.107 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

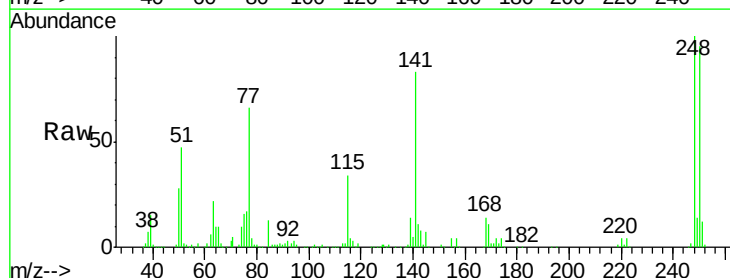
Tgt Ion:248 Resp: 164440

Ion Ratio Lower Upper

248 100

250 94.8 76.9 115.3

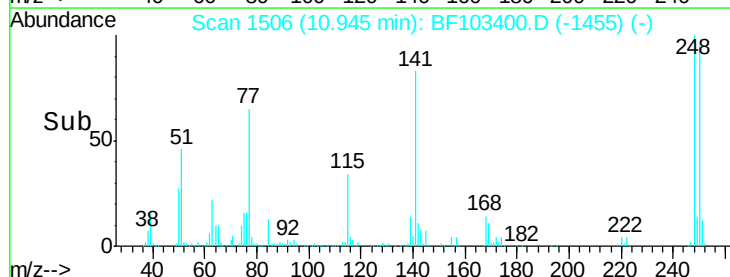
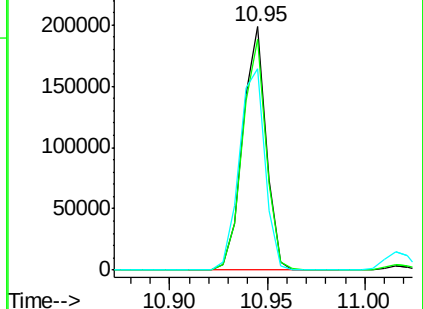
141 82.8 74.4 111.6

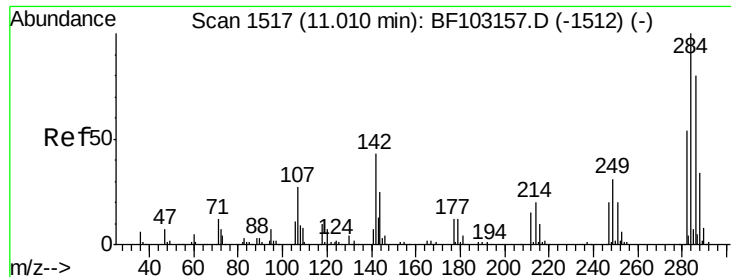


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

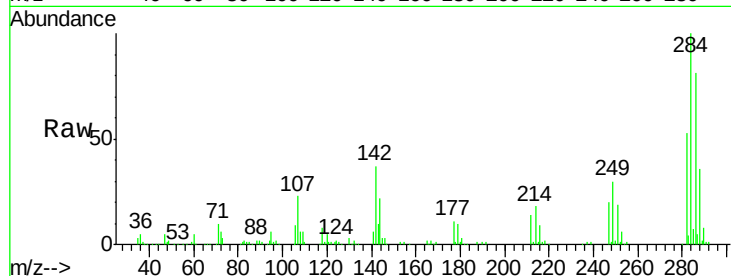




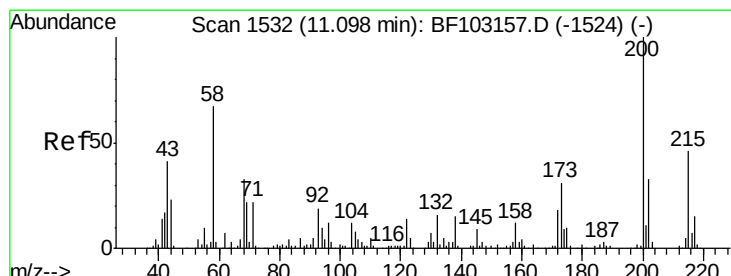
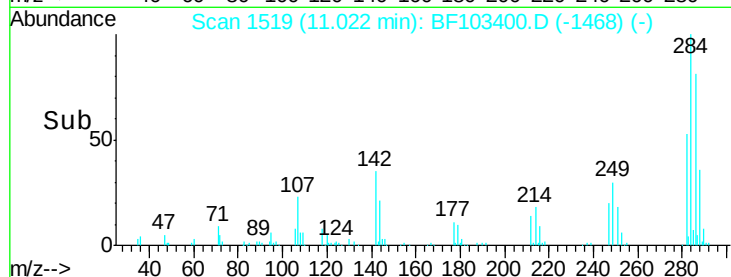
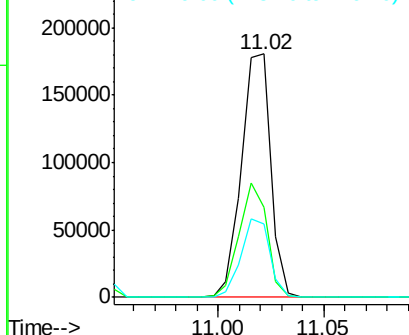
#67
Hexachlorobenzene
Concen: 36.179 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 174021
Ion Ratio Lower Upper
284 100
142 36.8 34.6 52.0
249 30.2 24.8 37.2

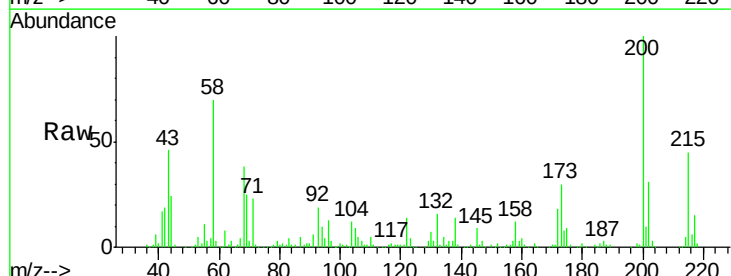


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

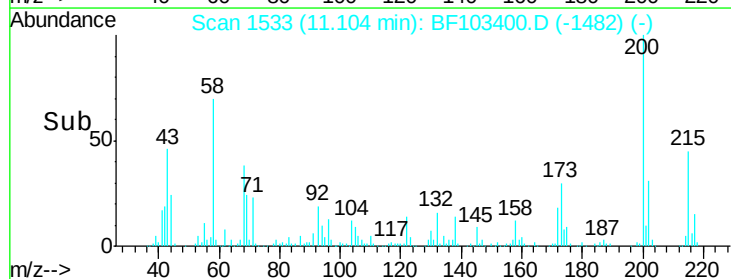
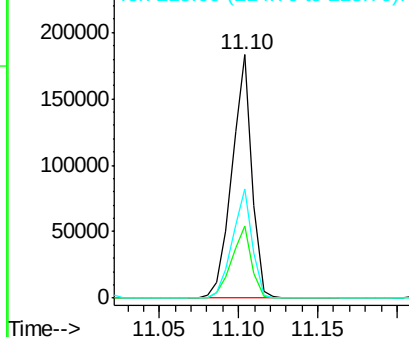


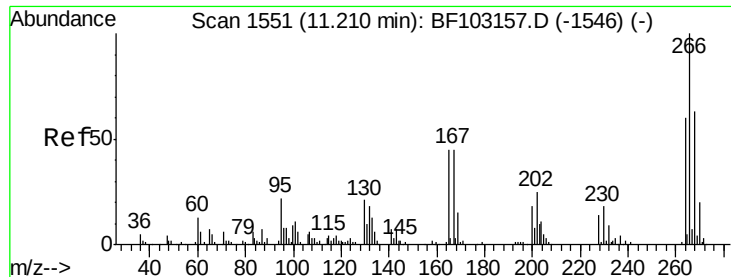
#68
Atrazine
Concen: 35.769 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Tgt Ion:200 Resp: 159249
Ion Ratio Lower Upper
200 100
173 29.5 8.6 48.6
215 44.9 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

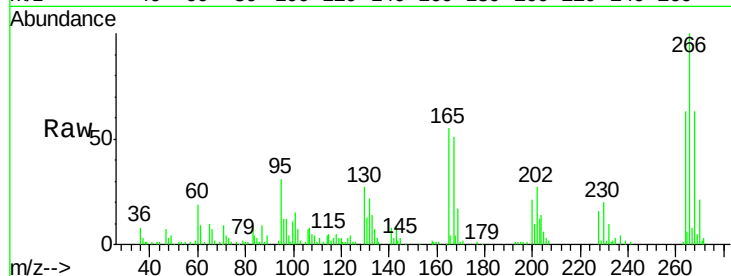




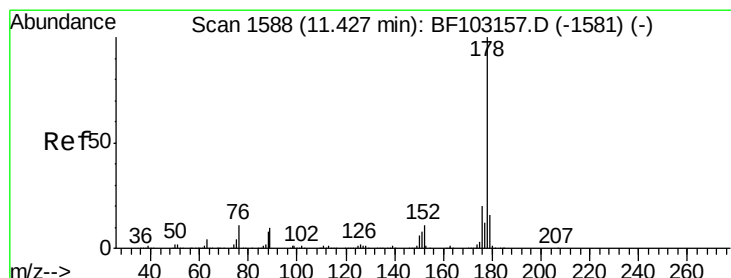
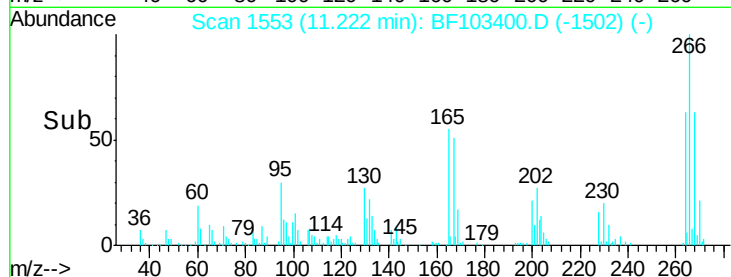
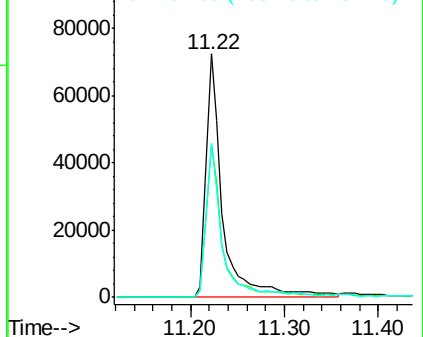
#69
 Pentachlorophenol
 Concen: 39.061 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BF103400.D
 Acq: 5 Mar 2018 10:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 90845
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 63.1 49.5 74.3

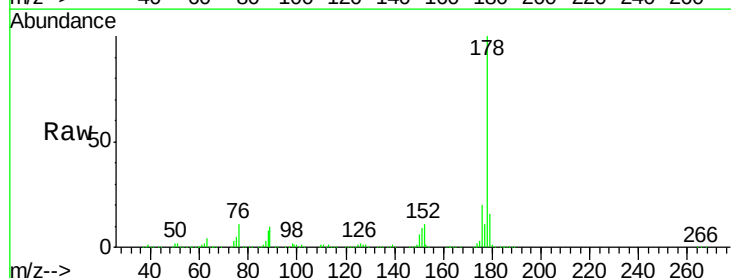


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

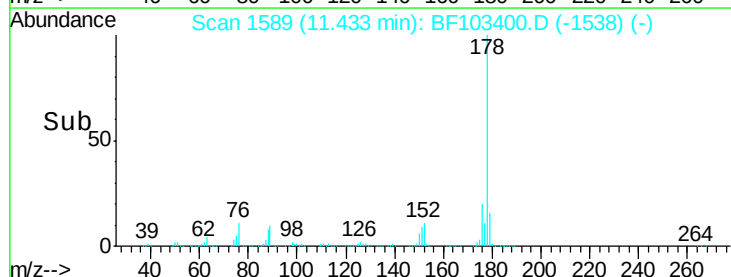
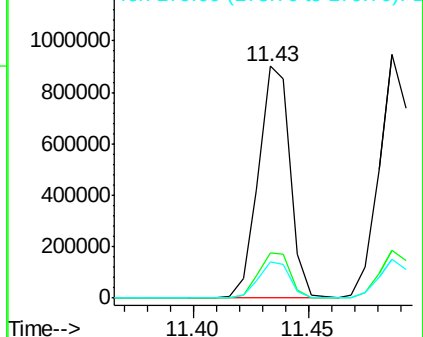


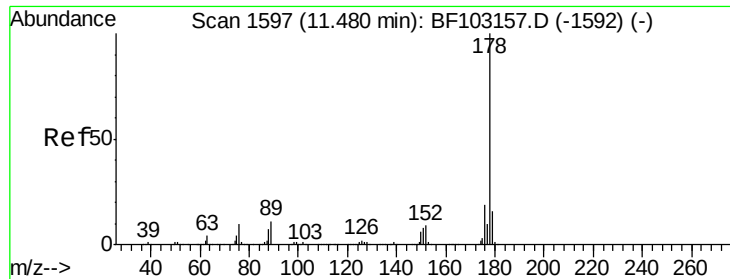
#70
 Phenanthrene
 Concen: 36.889 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103400.D
 Acq: 5 Mar 2018 10:57

Tgt Ion:178 Resp: 863636
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.8 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

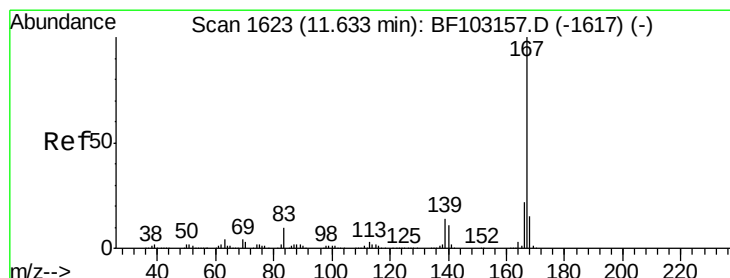
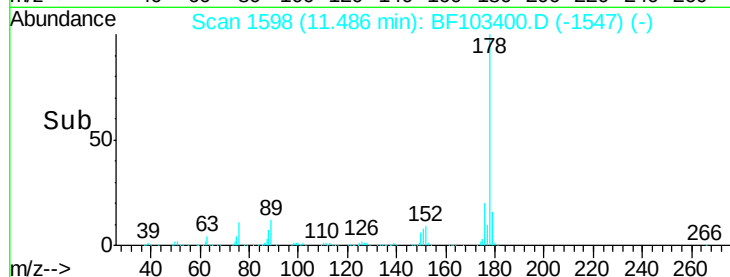
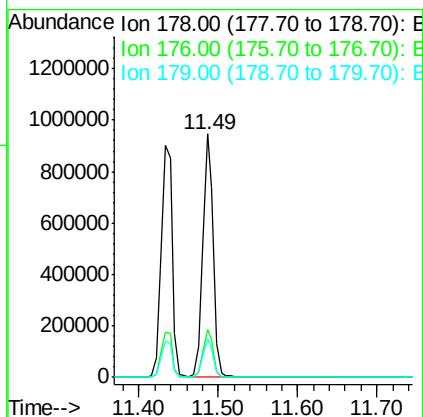
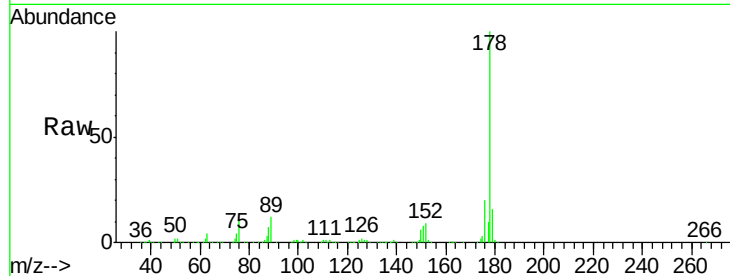




#71
 Anthracene
 Concen: 36.615 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103400.D
 Acq: 5 Mar 2018 10:57

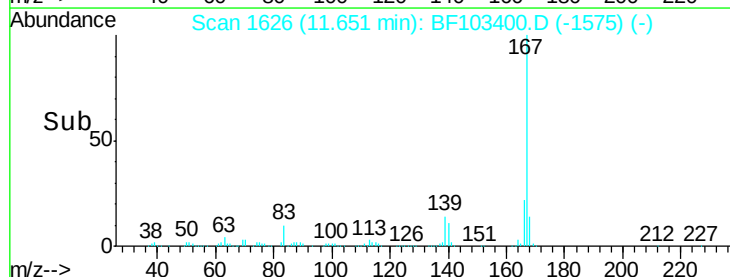
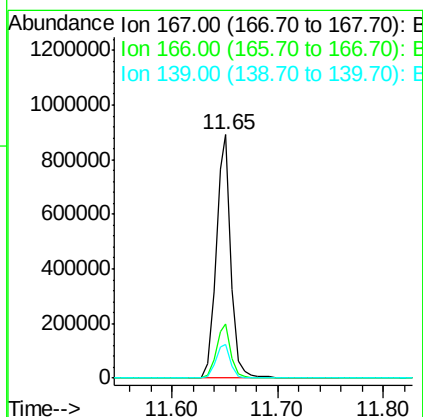
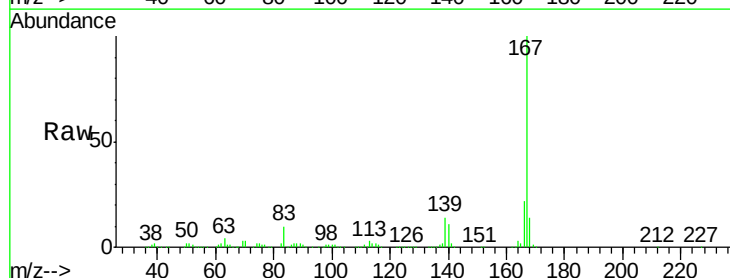
Instrument :
 BNA_F
 ClientSampleId :

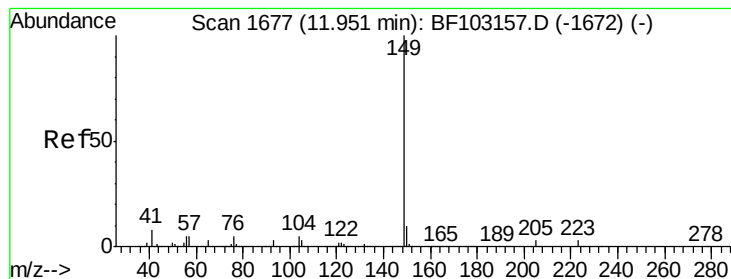
Tot Ion:178 Resp: 879041
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 36.619 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF103400.D
 Acq: 5 Mar 2018 10:57

Tgt Ion:167 Resp: 875462
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.745 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

Instrument :

BNA_F

ClientSampleId :

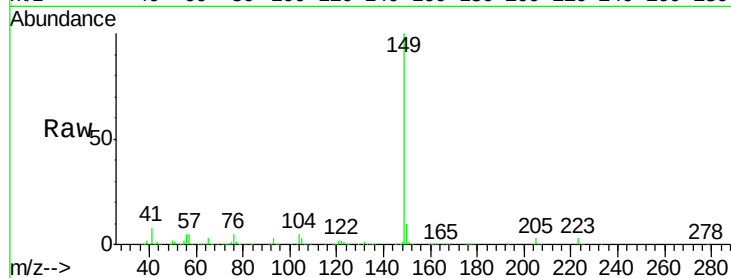
Tot Ion:149 Resp: 1129163

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

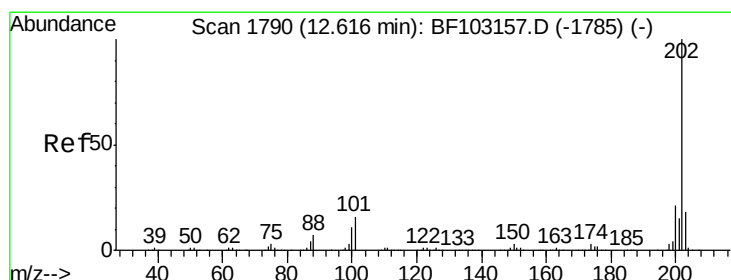
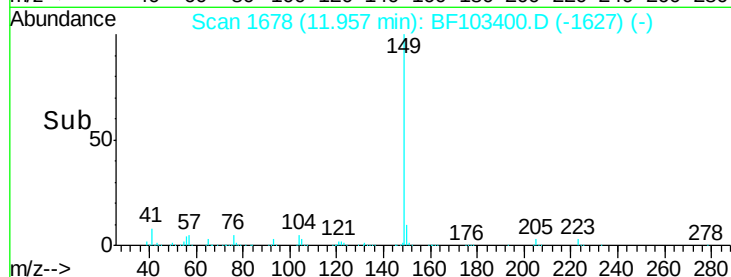
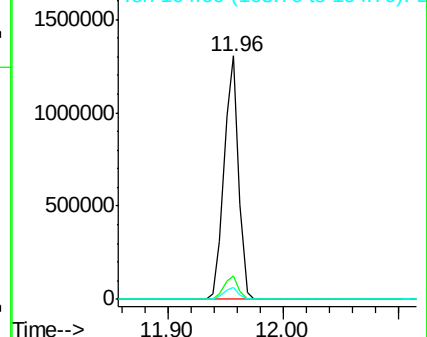
104 4.8 3.8 5.8



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: 36.407 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

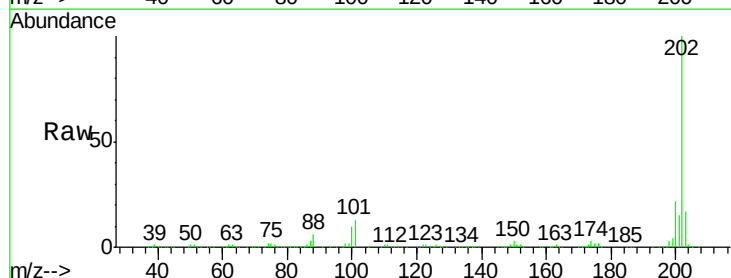
Tgt Ion:202 Resp: 856528

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

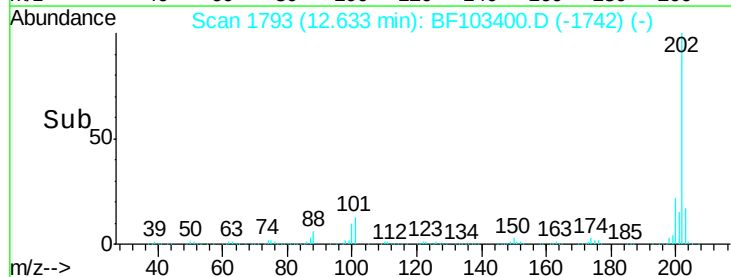
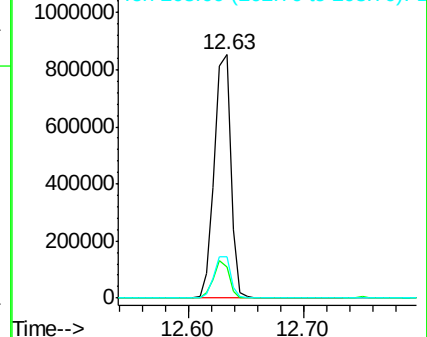
203 17.0 0.0 38.1

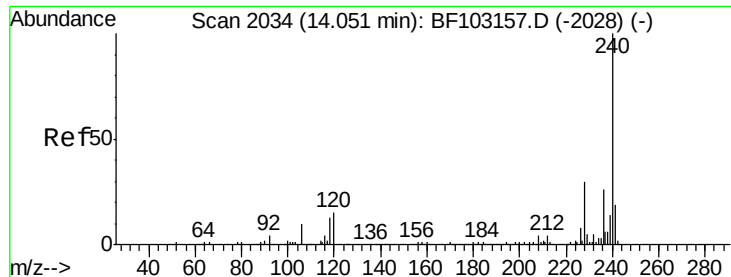


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

Instrument :

BNA_F

ClientSampled :

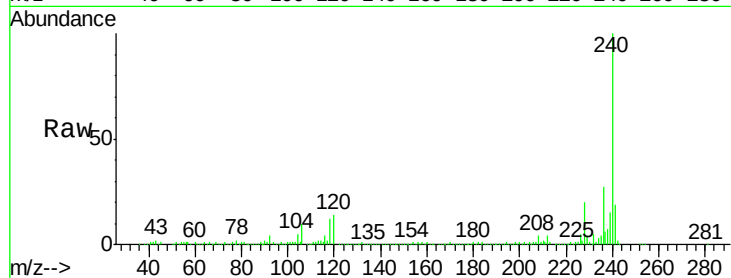
Tot Ion:240 Resp: 305683

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

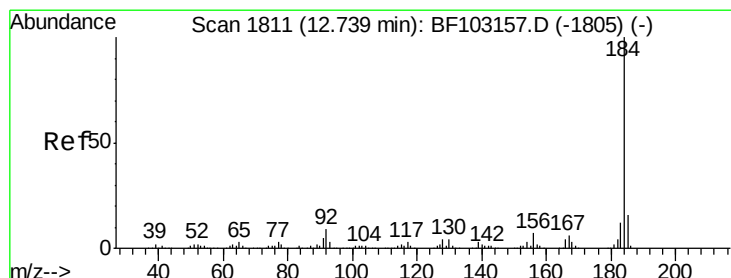
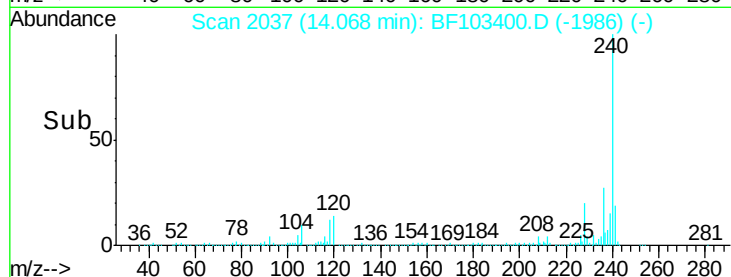
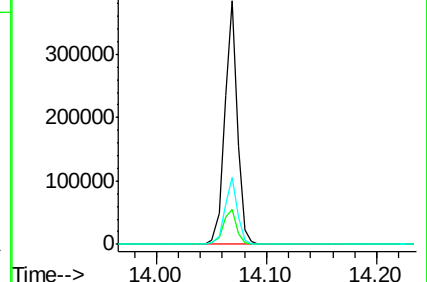
236 27.4 20.7 31.1



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: 44.355 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

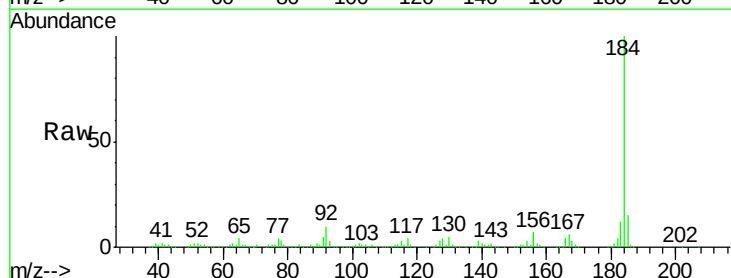
Tgt Ion:184 Resp: 506891

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

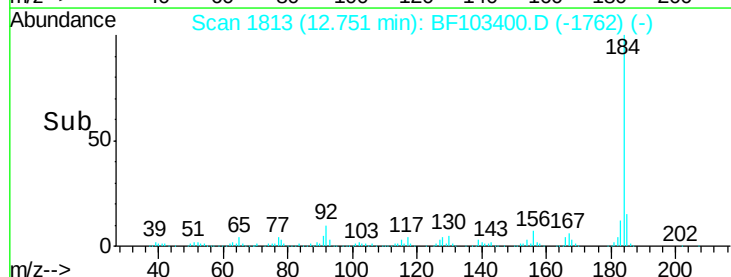
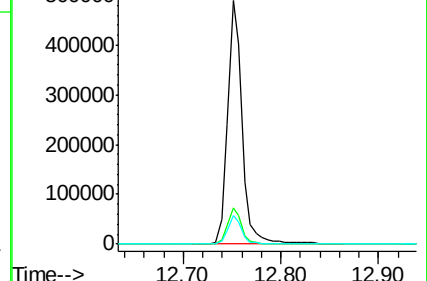
183 11.7 9.3 13.9

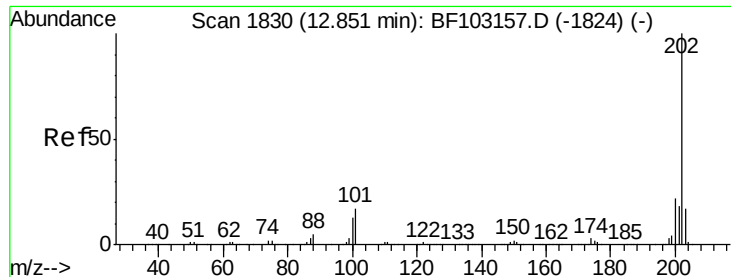


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

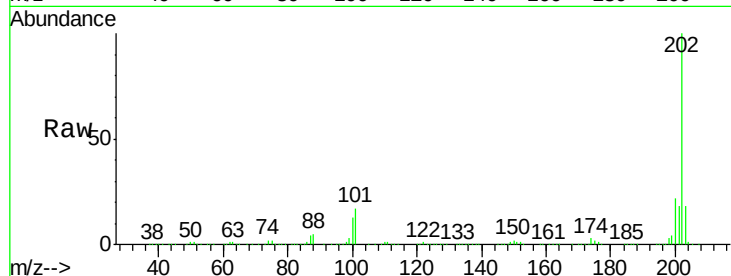




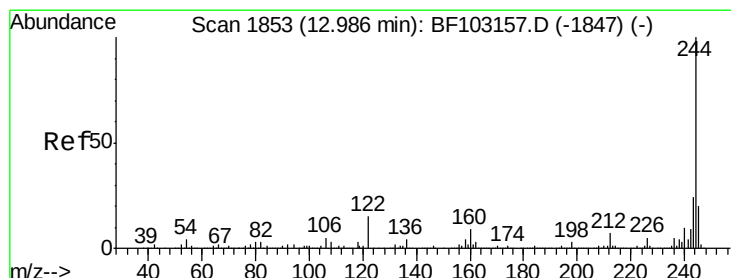
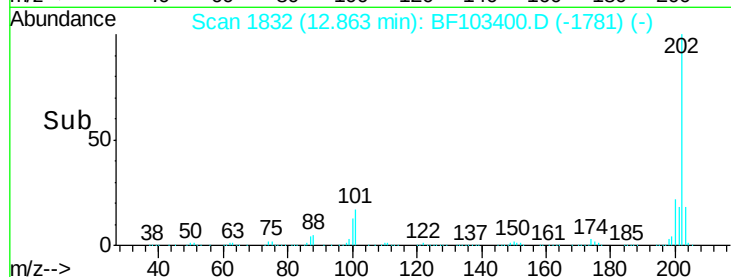
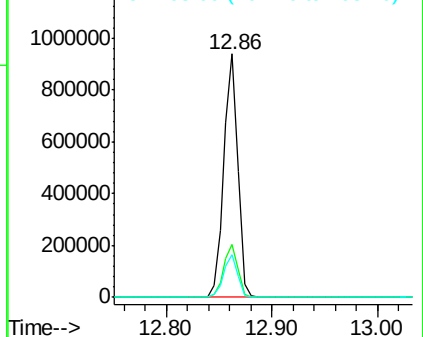
#77
Pvrene
Concen: 36.699 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 874642
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.6 14.3 21.5

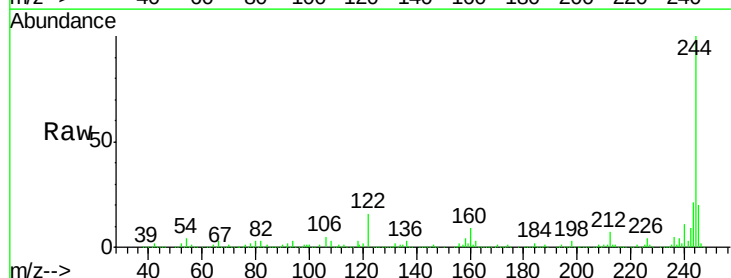


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

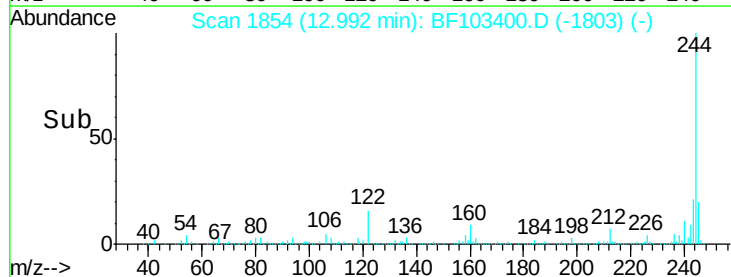
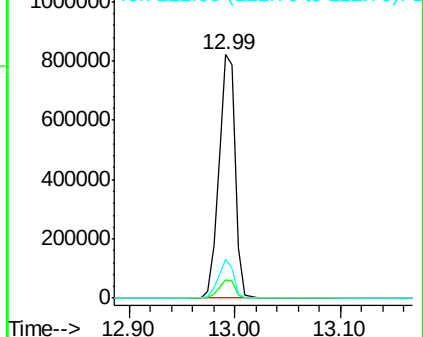


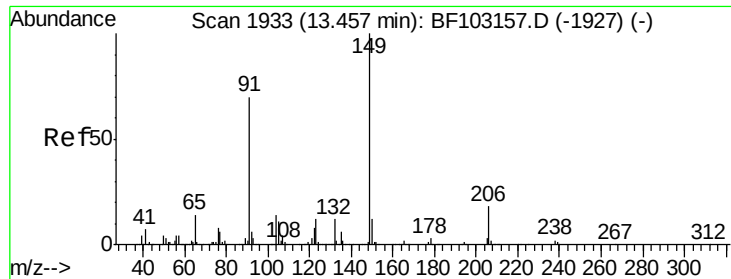
#78
Terphenyl-d14
Concen: 70.230 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Tgt Ion:244 Resp: 893070
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 15.7 11.0 16.4



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

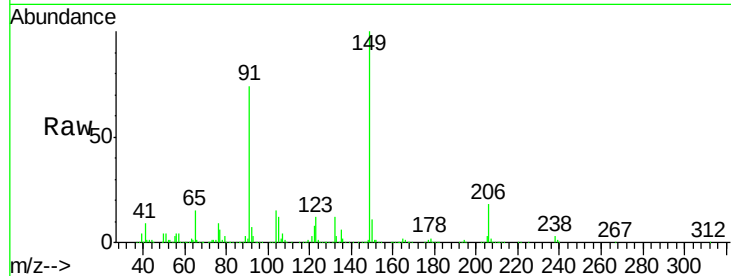




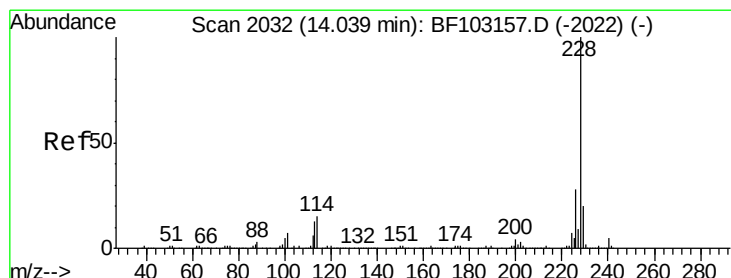
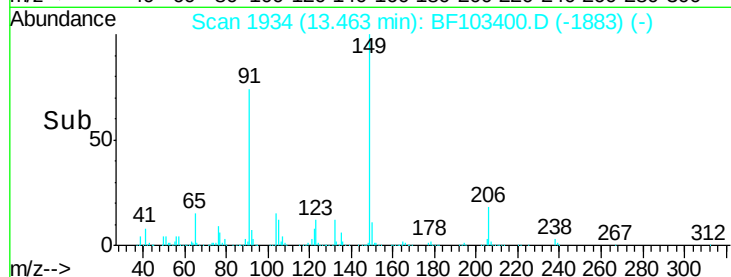
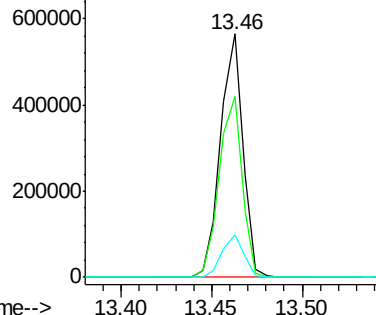
#79
Butylbenzylphthalate
Concen: 38.483 ng
RT: 13.46 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 484575
Ion Ratio Lower Upper
149 100
91 74.4 56.8 85.2
206 17.5 14.1 21.1

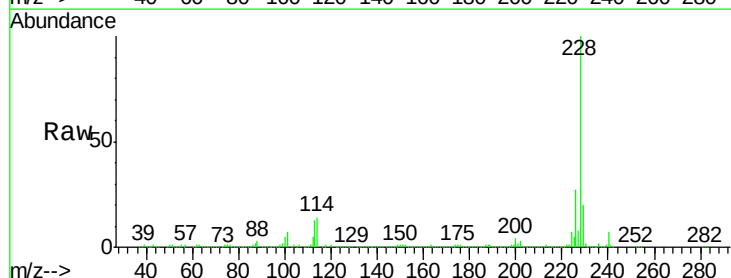


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

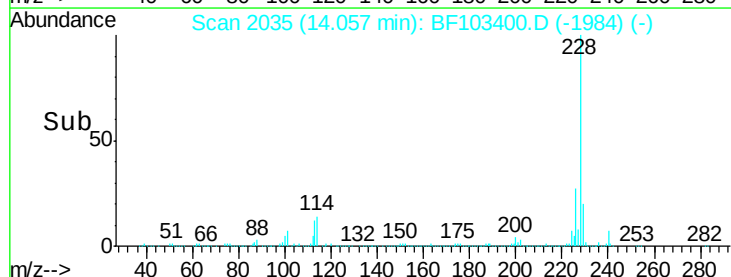
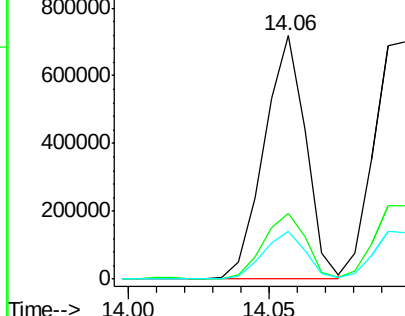


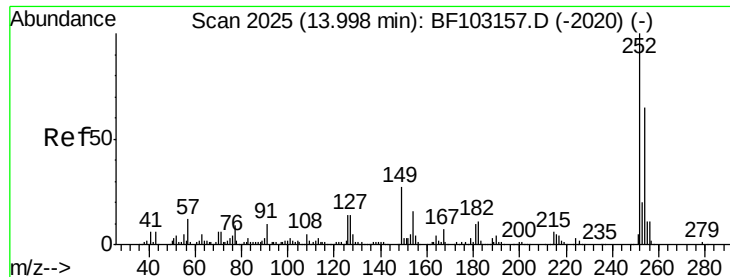
#80
Benzo(a)anthracene
Concen: 36.907 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Tgt Ion:228 Resp: 732005
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 19.8 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

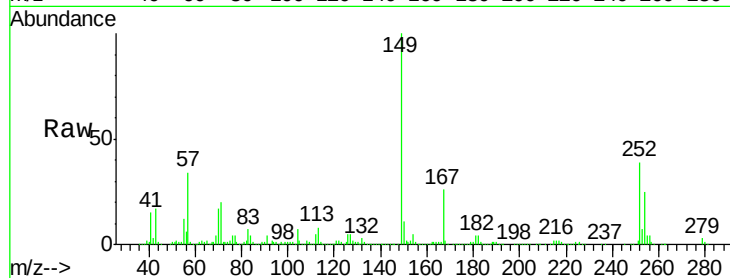




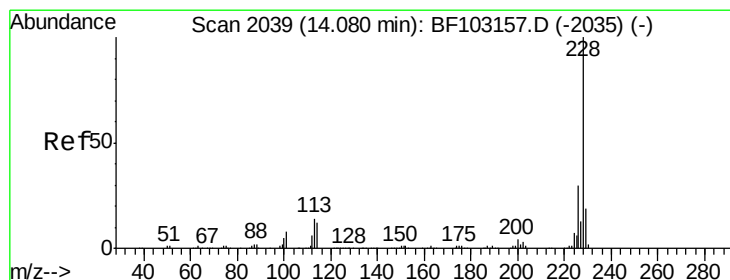
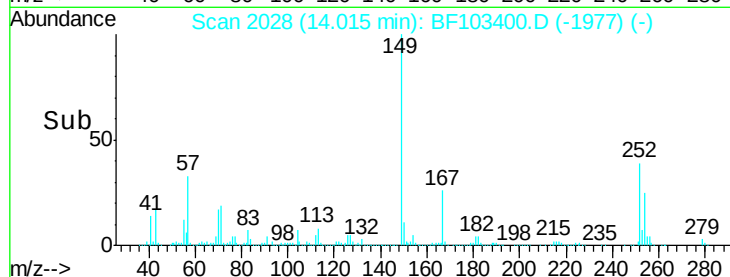
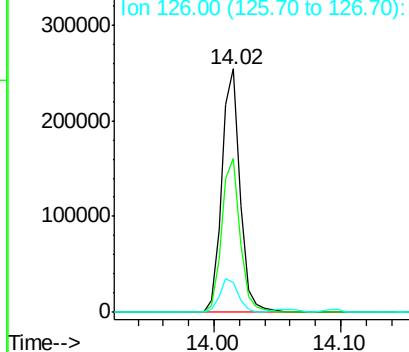
#81
 3,3'-Dichlorobenzidine
 Concen: 36.192 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF103400.D
 Acq: 5 Mar 2018 10:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 256179
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.4 75.6
 126 12.4 11.3 16.9

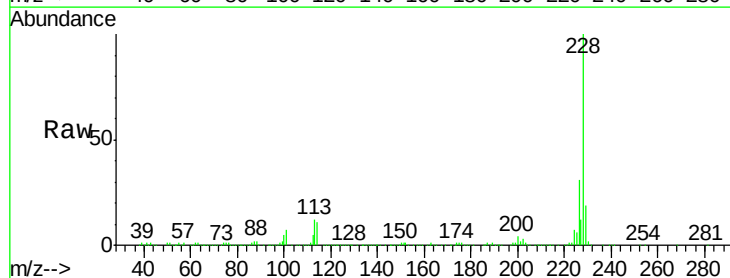


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

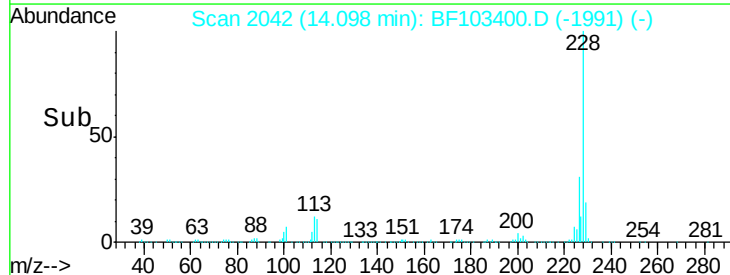
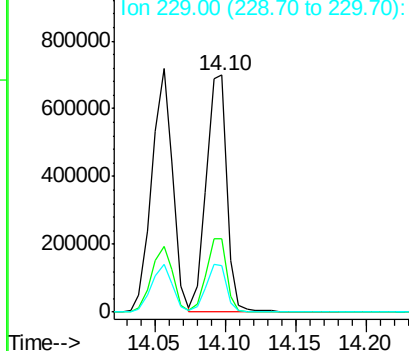


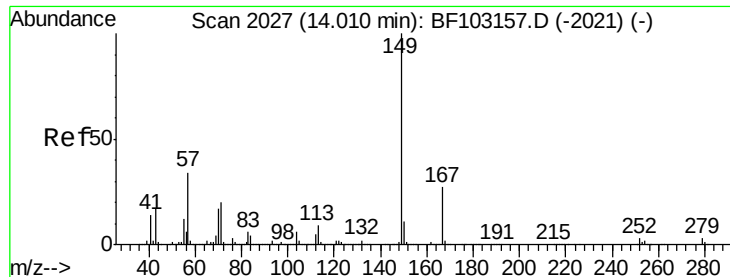
#82
 Chrysene
 Concen: 36.829 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BF103400.D
 Acq: 5 Mar 2018 10:57

Tgt Ion:228 Resp: 709250
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 19.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.942 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

Instrument :

BNA_F

ClientSampleId :

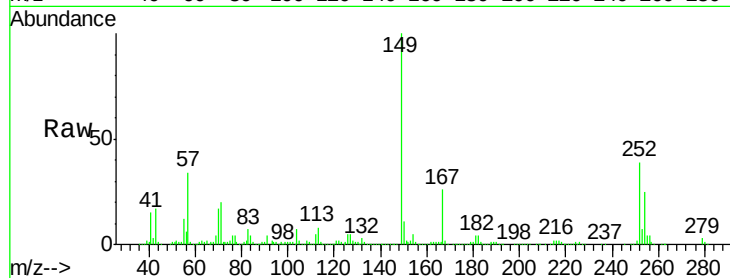
Tot Ion:149 Resp: 610742

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

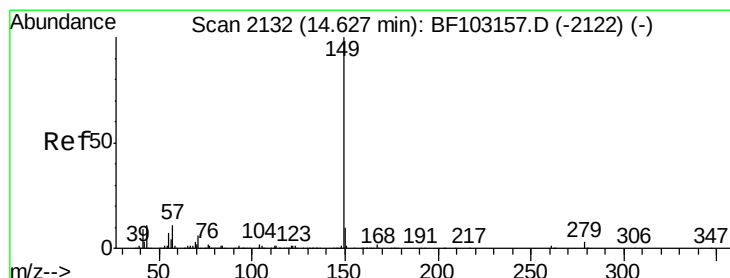
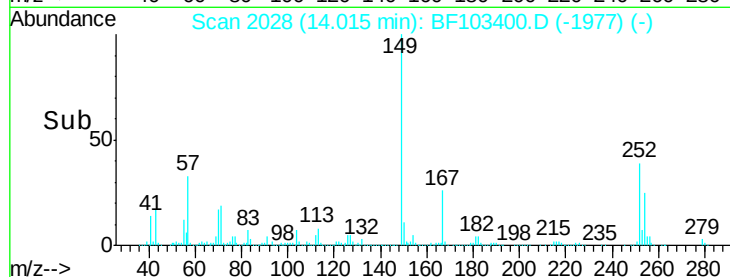
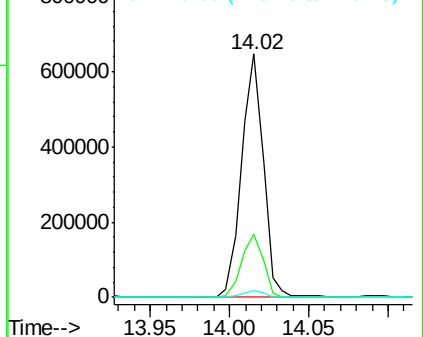
279 2.9 3.0 4.4#



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: 39.385 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

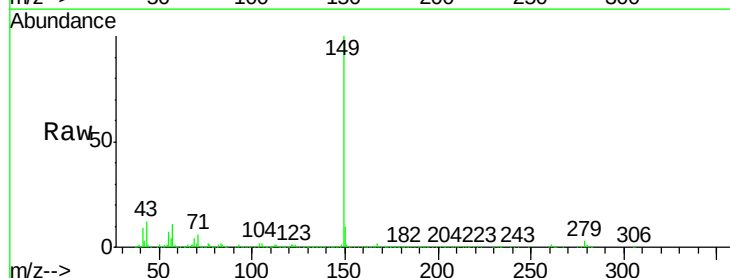
Tgt Ion:149 Resp: 1081284

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

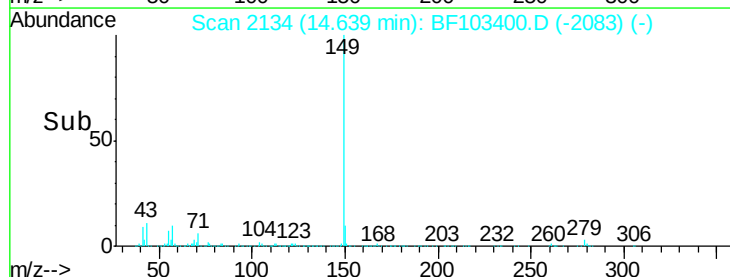
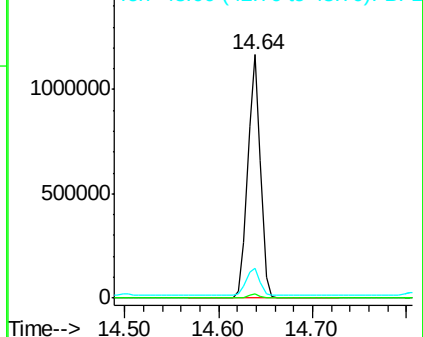
43 11.4 8.4 12.6

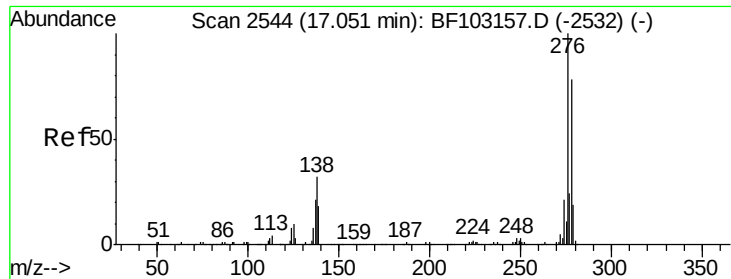


Abundance Ion 149.00 (148.70 to 149.70): E

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: 44.647 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

Instrument :

BNA_F

ClientSampleId :

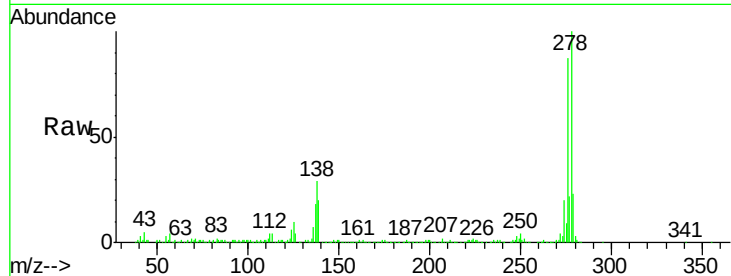
Tot Ion:276 Resp: 680702

Ion Ratio Lower Upper

276 100

138 32.3 25.0 37.6

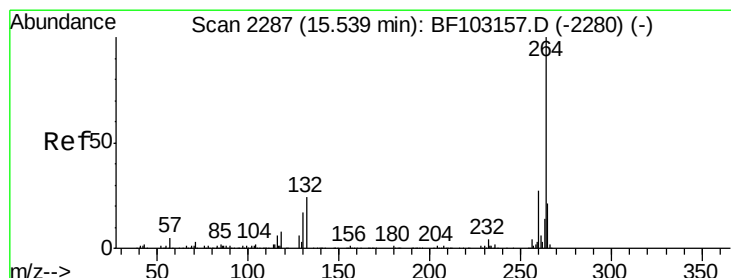
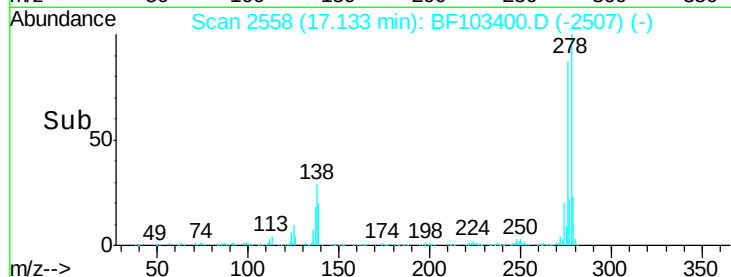
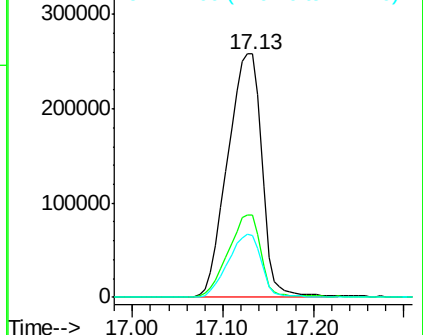
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

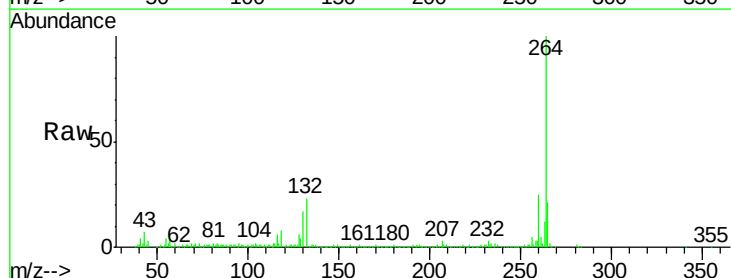
Tgt Ion:264 Resp: 313806

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

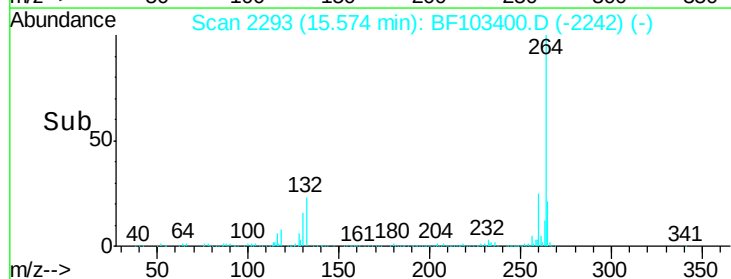
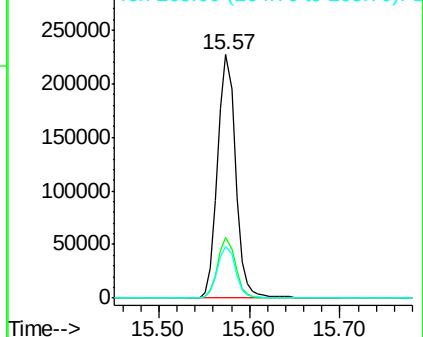
265 21.4 17.5 26.3

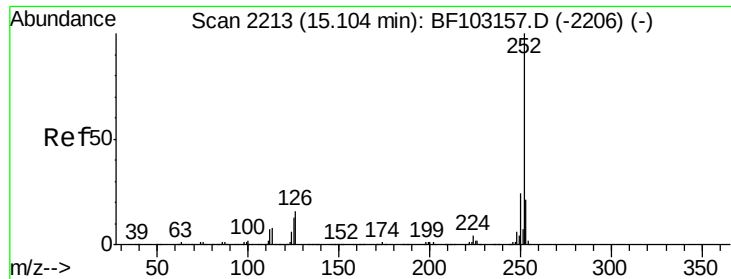


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

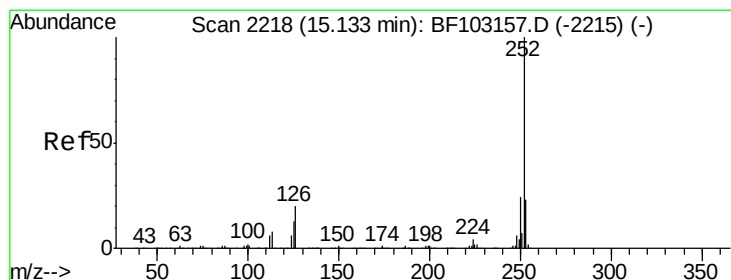
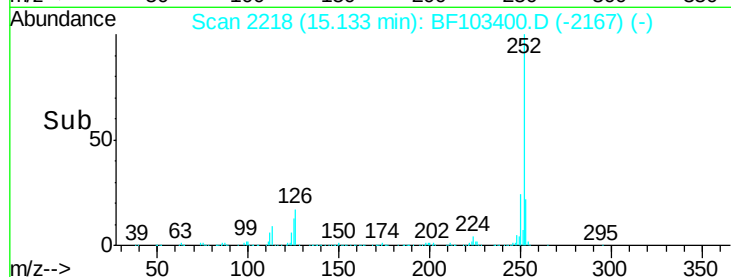
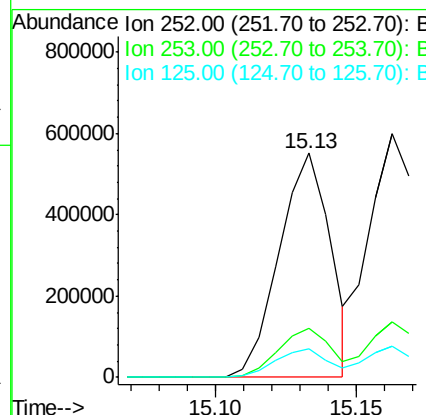
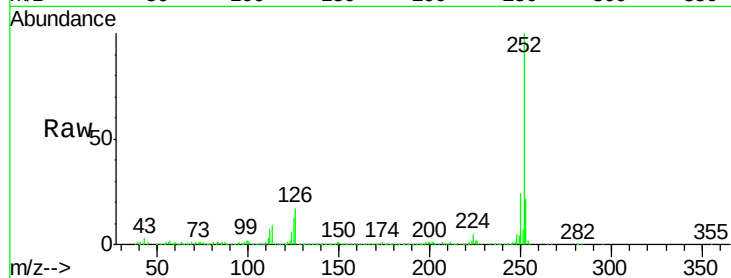




#87
Benzo(b)fluoranthene
Concen: 33.761 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

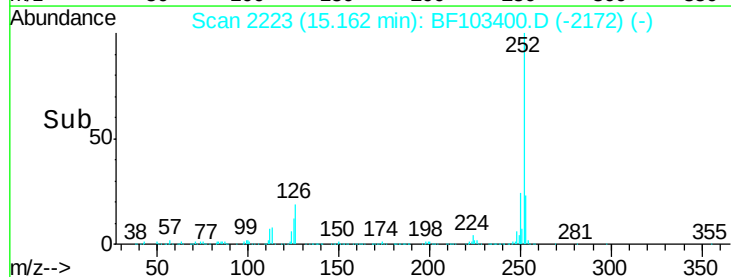
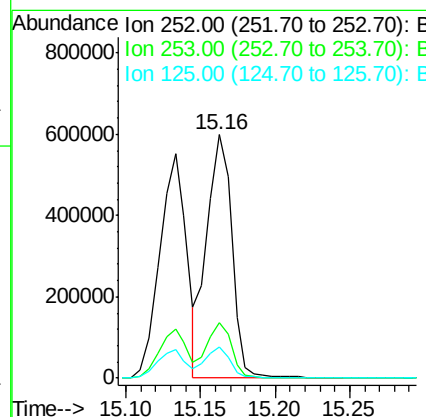
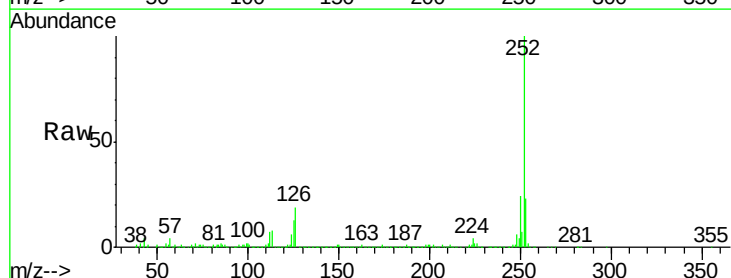
Instrument :
BNA_F
ClientSampleId :

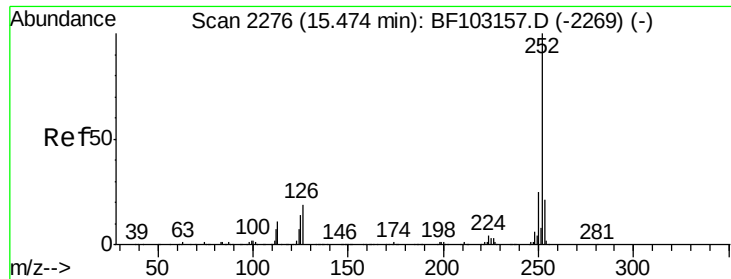
Tot Ion:252 Resp: 696574
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 35.839 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BF103400.D
Acq: 5 Mar 2018 10:57

Tgt Ion:252 Resp: 696304
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 12.6 10.2 15.2





#89

Benzo(a)pyrene

Concen: 36.285 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

Instrument :

BNA_F

ClientSampleId :

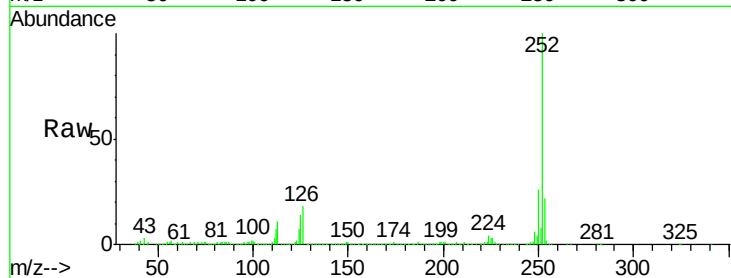
Tot Ion:252 Resp: 668537

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

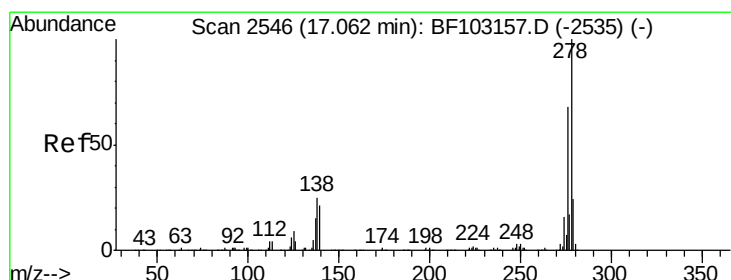
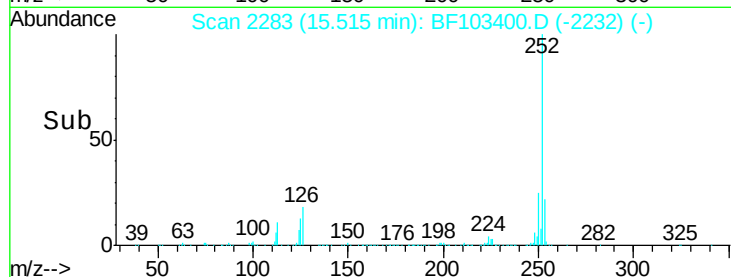
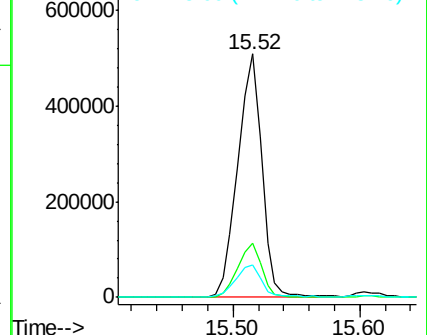
125 13.5 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.869 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

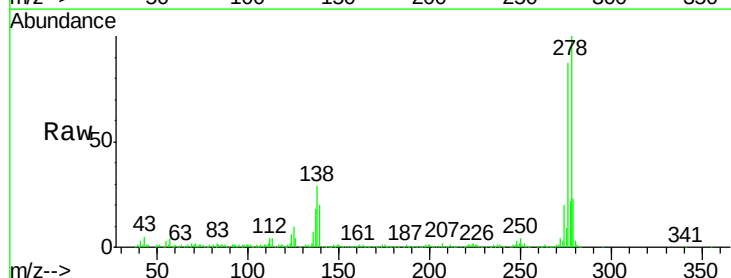
Tgt Ion:278 Resp: 567623

Ion Ratio Lower Upper

278 100

139 20.0 15.9 23.9

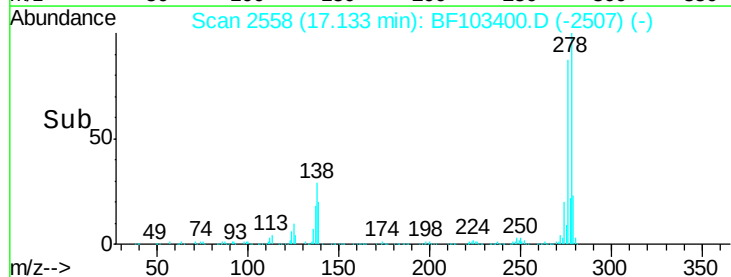
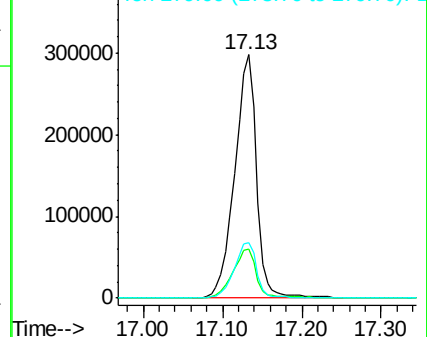
279 22.6 19.0 28.4

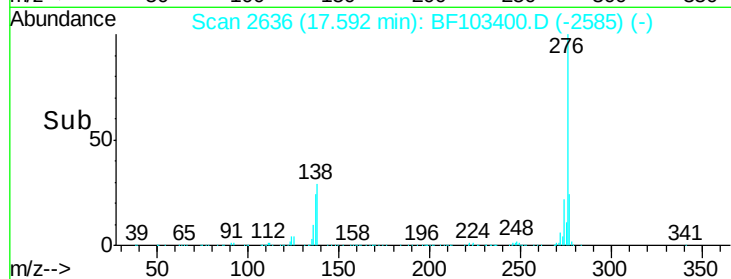
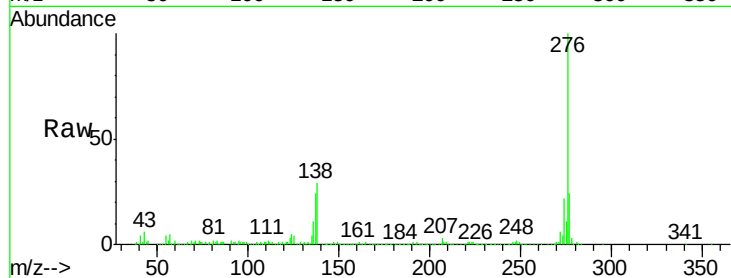
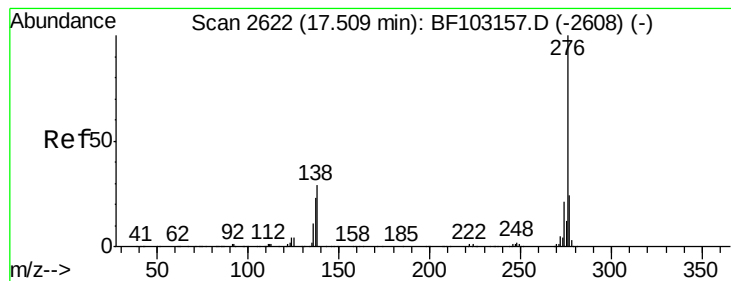


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.577 ng

RT: 17.59 min Scan# 2636

Delta R.T. 0.00 min

Lab File: BF103400.D

Acq: 5 Mar 2018 10:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 550700

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 28.8 21.8 32.8

