

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103184.D
 Acq On : 23 Feb 2018 8:27
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 23 10:23:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	158294	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	689855	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	319095	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	540716	20.00	ng	0.00
75) Chrysene-d12	14.05	240	391319	20.00	ng	0.00
86) Perylene-d12	15.54	264	399362	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	827384	79.05	ng	0.00
7) Phenol-d6	6.50	99	1007981	78.71	ng	0.00
23) Nitrobenzene-d5	7.44	82	942832	78.05	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	209474	77.56	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1408537	73.64	ng	0.00
78) Terphenyl-d14	12.99	244	1177239	72.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	221791	40.122	ng	93
3) Pyridine	3.42	79	632728	42.874	ng	96
4) n-Nitrosodimethylamine	3.37	42	243355	40.888	ng	99
6) Aniline	6.54	93	750431	40.601	ng	96
8) 2-Chlorophenol	6.66	128	433394	39.861	ng	93
9) Benzaldehyde	6.43	77	311811	40.079	ng	98
10) Phenol	6.52	94	597192	40.168	ng	95
11) bis(2-Chloroethyl)ether	6.61	93	459981	40.764	ng	94
12) 1,3-Dichlorobenzene	6.82	146	487059	39.200	ng	99
13) 1,4-Dichlorobenzene	6.89	146	489765	39.316	ng	98
14) 1,2-Dichlorobenzene	7.05	146	443991	38.653	ng	98
15) Benzyl Alcohol	7.02	79	387727	40.176	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	778771	40.190	ng	99
17) 2-Methylphenol	7.13	107	400750	40.559	ng	98
18) Hexachloroethane	7.38	117	176883	39.005	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	311317	39.058	ng	97
20) 3+4-Methylphenols	7.28	107	450258	37.383	ng	# 74
22) Acetophenone	7.29	105	605702	37.616	ng	# 92
24) Nitrobenzene	7.46	77	521197	39.188	ng	96
25) Isophorone	7.70	82	921623	38.738	ng	99
26) 2-Nitrophenol	7.77	139	255118	40.747	ng	97
27) 2,4-Dimethylphenol	7.81	122	362456	37.873	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	542486	38.783	ng	99
29) 2,4-Dichlorophenol	8.02	162	359365	39.221	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	376345	38.571	ng	99
31) Naphthalene	8.18	128	1293755	38.306	ng	99
32) Benzoic acid	7.95	122	298610	42.913	ng	98
33) 4-Chloroaniline	8.23	127	580251	39.813	ng	97
34) Hexachlorobutadiene	8.29	225	193092	38.003	ng	98
35) Caprolactam	8.61	113	137281	42.631	ng	# 84
36) 4-Chloro-3-methylphenol	8.71	107	408303	39.508	ng	99
37) 2-Methylnaphthalene	8.87	142	831588	38.098	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	329535	37.776	ng	98
40) Hexachlorocyclopentadiene	9.02	237	98985	37.500	ng	98

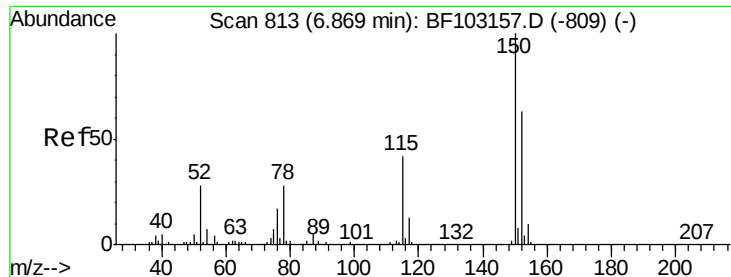
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103184.D
 Acq On : 23 Feb 2018 8:27
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 23 10:23:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	232483	39.607	ng	98
43) 2,4,5-Trichlorophenol	9.19	196	262544	38.889	ng	97
45) 1,1'-Biphenyl	9.33	154	990831	37.056	ng	99
46) 2-Chloronaphthalene	9.36	162	798626	37.753	ng	99
47) 2-Nitroaniline	9.46	65	314900	40.188	ng	86
48) Acenaphthylene	9.78	152	1234988	37.944	ng	98
49) Dimethylphthalate	9.63	163	972414	37.987	ng	99
50) 2,6-Dinitrotoluene	9.70	165	212849	39.623	ng	94
51) Acenaphthene	9.95	154	698586	36.809	ng	99
52) 3-Nitroaniline	9.87	138	267903	39.308	ng	96
53) 2,4-Dinitrophenol	9.98	184	76839	44.458	ng	# 17
54) Dibenzofuran	10.12	168	1013156	38.888	ng	97
55) 4-Nitrophenol	10.03	139	167312	39.610	ng	92
56) 2,4-Dinitrotoluene	10.11	165	268449	39.513	ng	95
57) Fluorene	10.46	166	799136	36.007	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	177590	39.158	ng	97
59) Diethylphthalate	10.33	149	912064	37.253	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	348479	37.027	ng	100
61) 4-Nitroaniline	10.49	138	269786	39.631	ng	91
62) Azobenzene	10.62	77	936250	37.569	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	134965	41.741	ng	96
65) n-Nitrosodiphenylamine	10.57	169	717282	38.099	ng	99
66) 4-Bromophenyl-phenylether	10.95	248	217883	38.682	ng	93
67) Hexachlorobenzene	11.02	284	234112	38.293	ng	94
68) Atrazine	11.10	200	219999	38.877	ng	97
69) Pentachlorophenol	11.21	266	127332	43.075	ng	99
70) Phenanthrene	11.43	178	1128420	37.921	ng	99
71) Anthracene	11.48	178	1146236	37.564	ng	100
72) Carbazole	11.64	167	1135734	37.376	ng	99
73) Di-n-butylphthalate	11.96	149	1417647	37.284	ng	99
74) Fluoranthene	12.62	202	1125585	37.641	ng	98
76) Benzidine	12.74	184	552882	37.792	ng	100
77) Pyrene	12.85	202	1164515	38.169	ng	100
79) Butylbenzylphthalate	13.46	149	611601	37.942	ng	97
80) Benzo(a)anthracene	14.04	228	988259	38.923	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	354685	39.143	ng	98
82) Chrysene	14.08	228	942227	38.219	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	810587	37.264	ng	99
84) Di-n-octyl phthalate	14.63	149	1360584	38.713	ng	99
85) Indeno(1,2,3-cd)pyrene	17.07	276	866050	44.373	ng	99
87) Benzo(b)fluoranthene	15.11	252	1027635	39.137	ng	97
88) Benzo(k)fluoranthene	15.14	252	877760	35.500	ng	99
89) Benzo(a)pyrene	15.49	252	899892	38.378	ng	96
90) Dibenzo(a,h)anthracene	17.08	278	696680	38.451	ng	98
91) Benzo(g,h,i)perylene	17.53	276	730184	41.234	ng	98

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

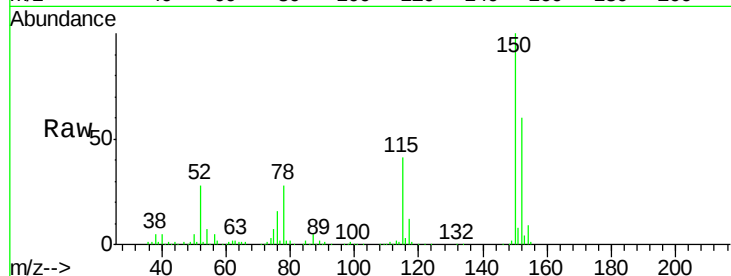


#1

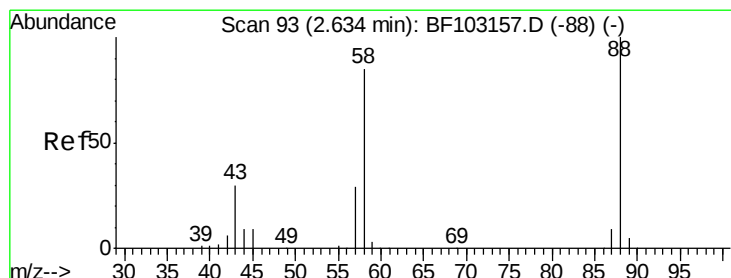
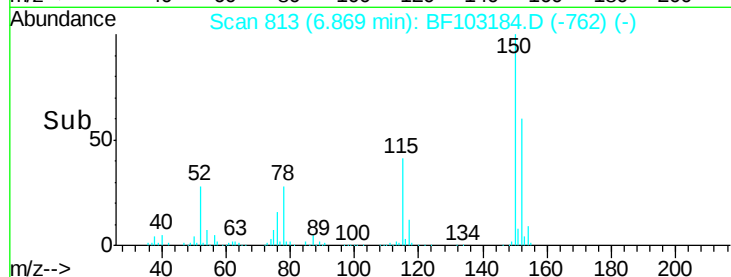
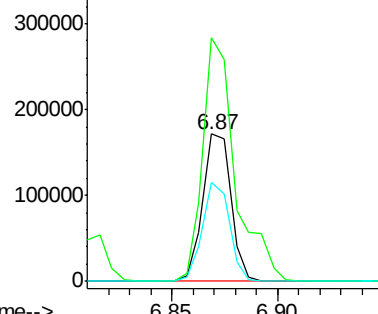
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158294
Ion Ratio Lower Upper
152 100
150 165.6 124.6 186.8
115 67.6 50.1 75.1



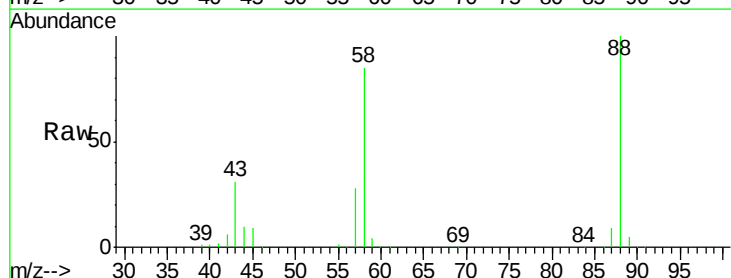
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



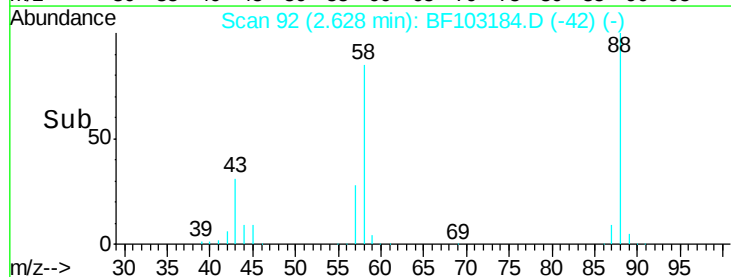
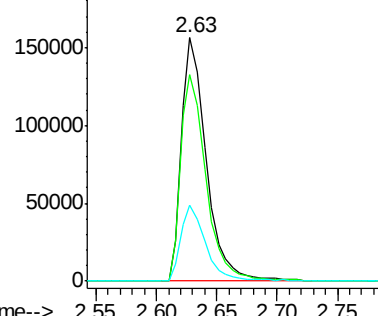
#2

1,4-Dioxane
Concen: 40.122 ng
RT: 2.63 min Scan# 92
Delta R.T. -0.01 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

Tgt Ion: 88 Resp: 221791
Ion Ratio Lower Upper
88 100
58 86.5 62.6 93.8
43 31.2 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: 42.874 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA_F

ClientSampleId :

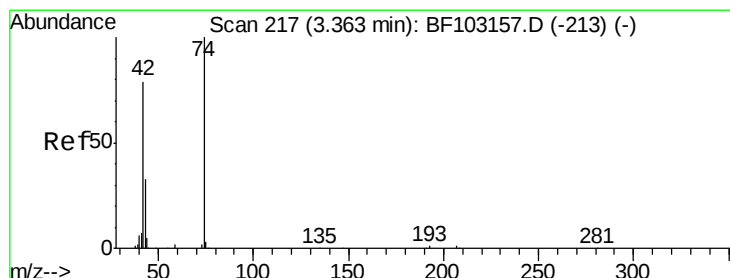
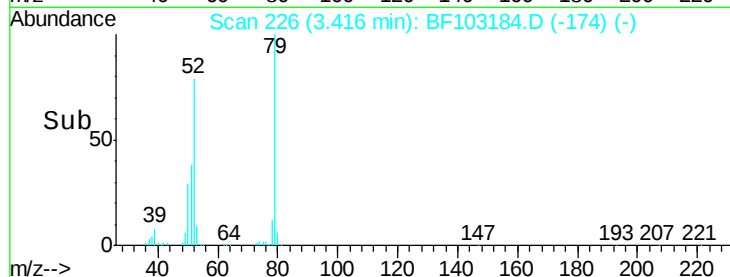
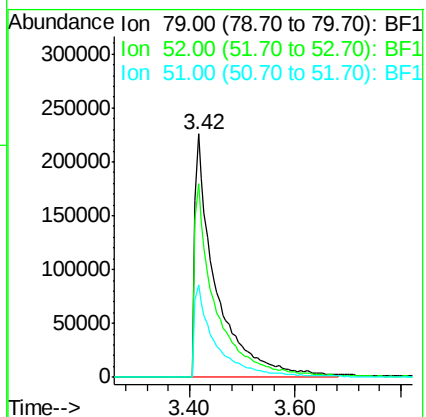
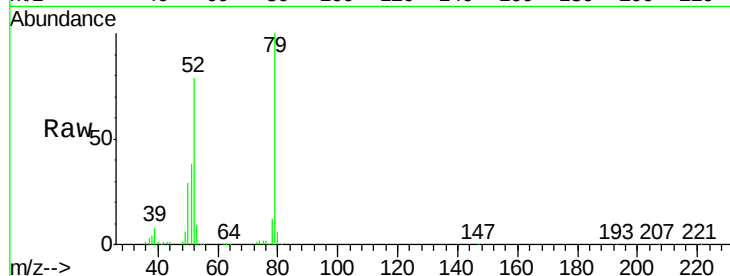
Tot Ion: 79 Resp: 632728

Ion Ratio Lower Upper

79 100

52 79.3 59.8 89.6

51 38.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 40.888 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

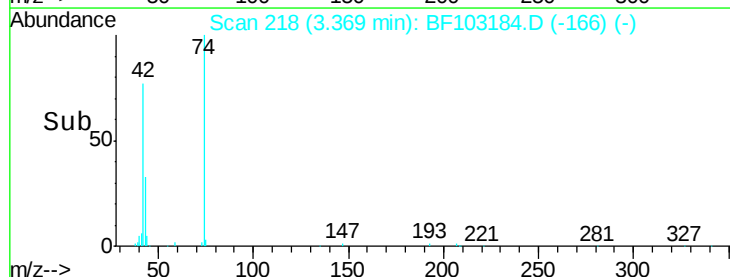
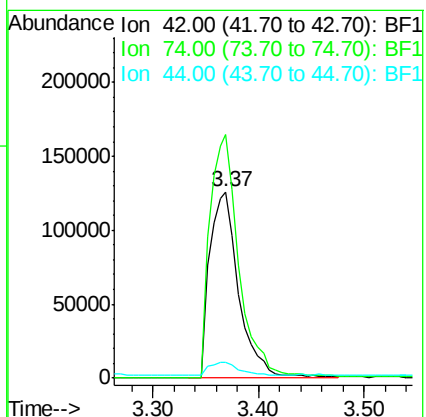
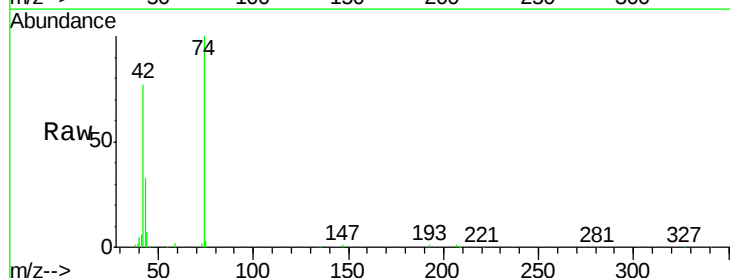
Tgt Ion: 42 Resp: 243355

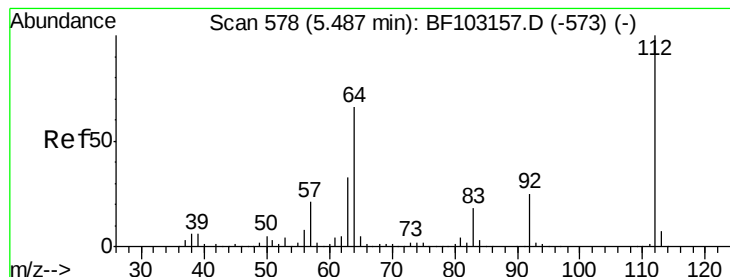
Ion Ratio Lower Upper

42 100

74 130.5 104.9 157.3

44 8.8 6.9 10.3





#5

2-Fluorophenol

Concen: 79.053 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :
BNA_F
ClientSampleId :

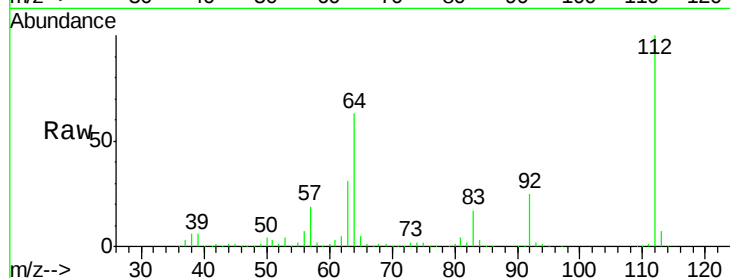
Tot Ion: 112 Resp: 827384

Ion Ratio Lower Upper

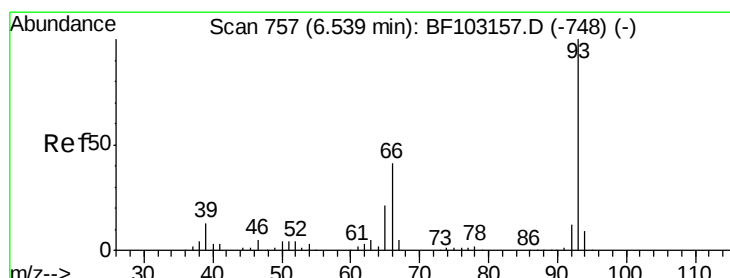
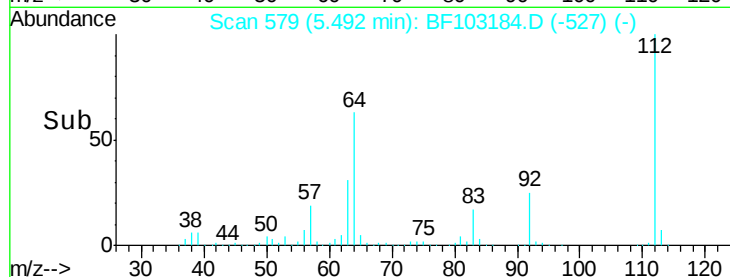
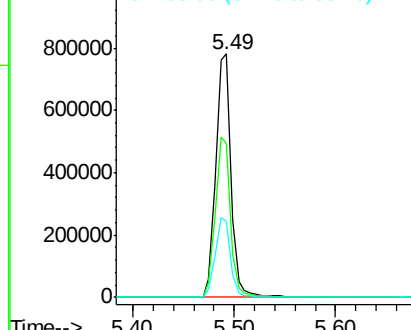
112 100

64 63.1 47.9 71.9

63 31.3 23.7 35.5



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



#6

Aniline

Concen: 40.601 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

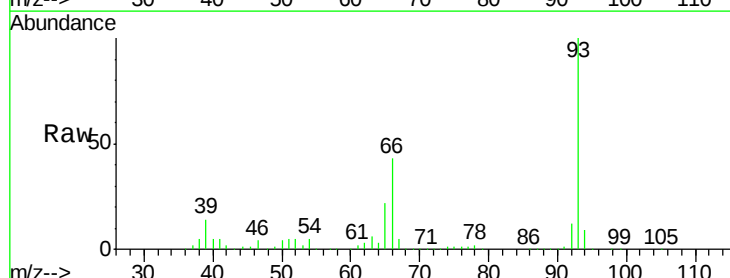
Tgt Ion: 93 Resp: 750431

Ion Ratio Lower Upper

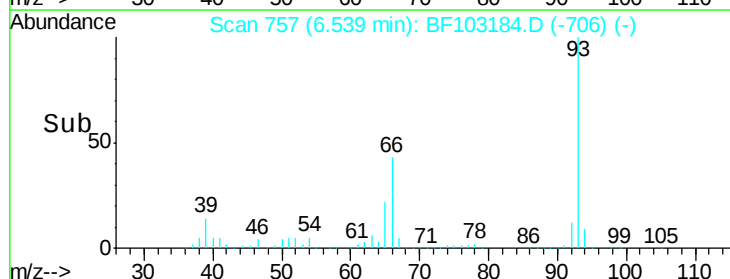
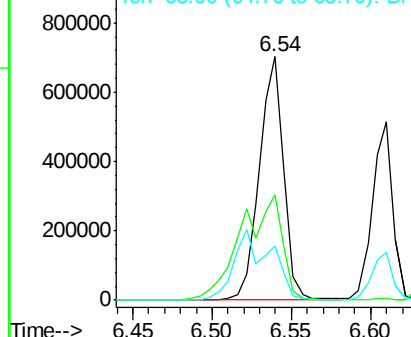
93 100

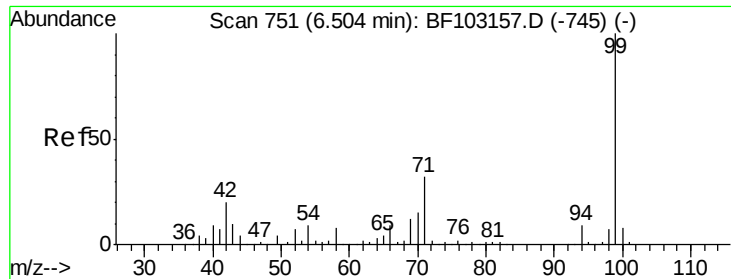
66 43.1 32.2 48.2

65 22.3 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: 78.706 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

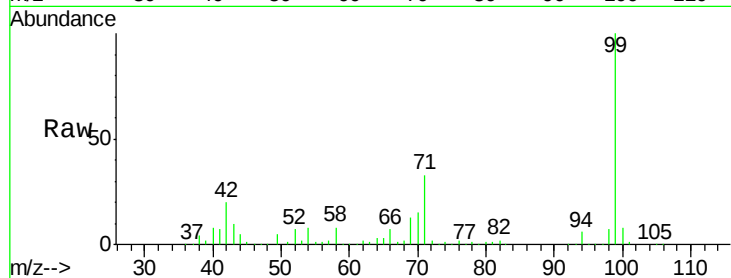
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1007981

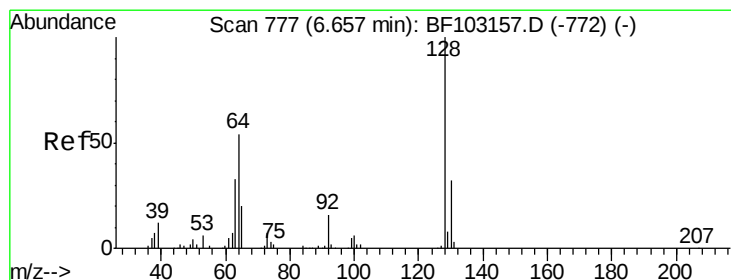
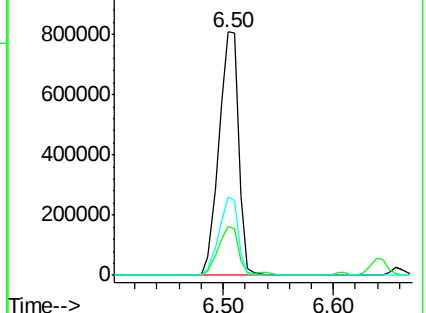
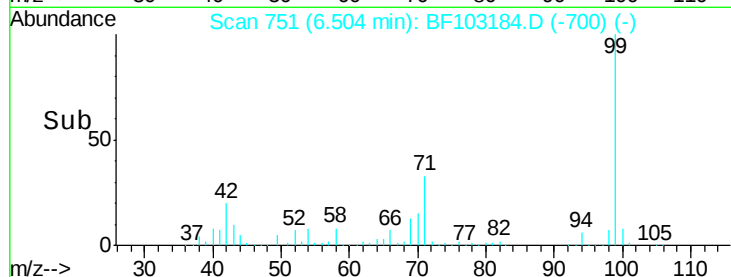
Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	32.5	25.4	38.0



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: 39.861 ng

RT: 6.66 min Scan# 777

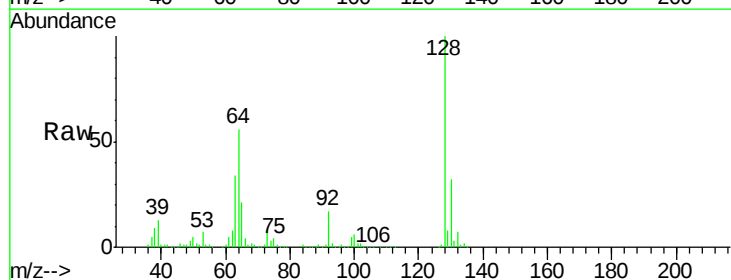
Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Tgt Ion: 128 Resp: 433394

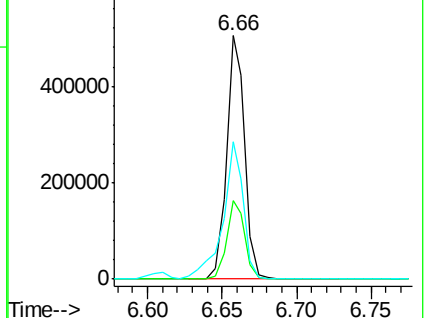
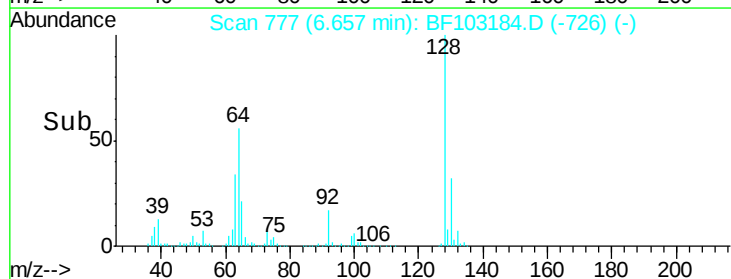
Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.0	53.0
64	56.5	29.4	69.4



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: 40.079 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA_F

ClientSampleId :

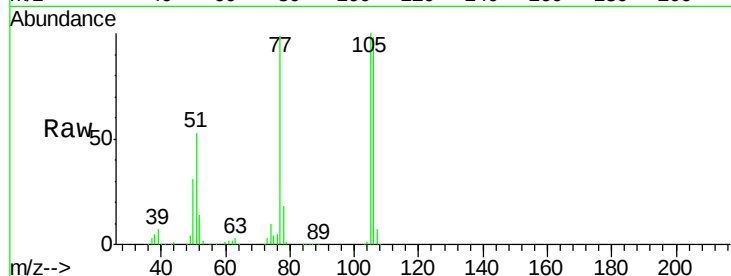
Tot Ion: 77 Resp: 311811

Ion Ratio Lower Upper

77 100

105 100.7 81.1 121.1

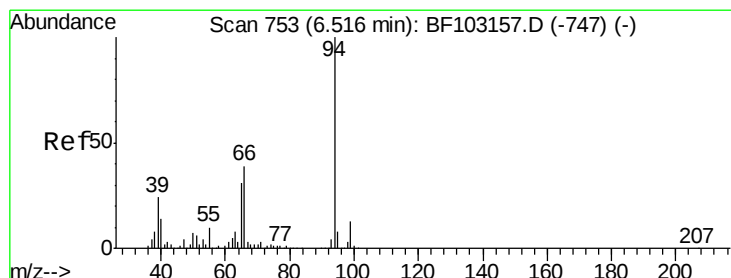
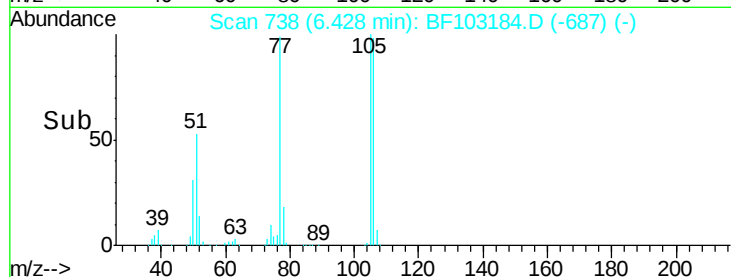
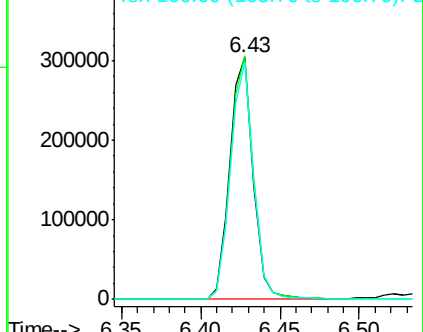
106 98.3 74.5 114.5



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: 40.168 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

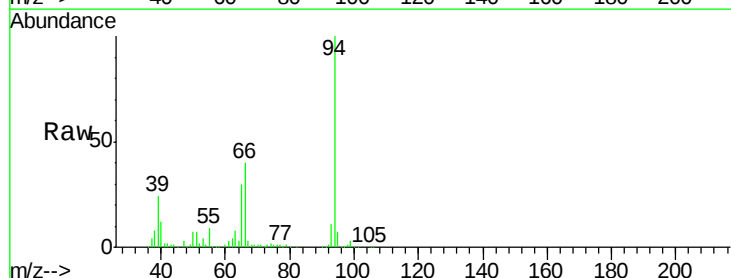
Tgt Ion: 94 Resp: 597192

Ion Ratio Lower Upper

94 100

65 30.5 7.9 47.9

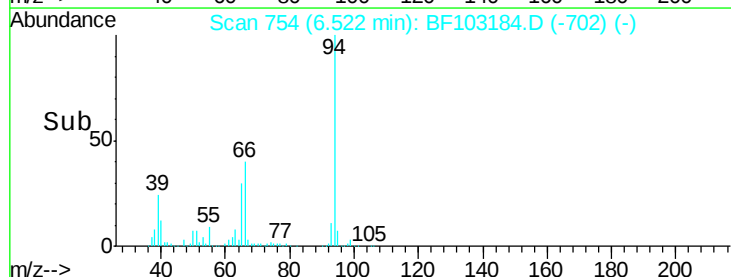
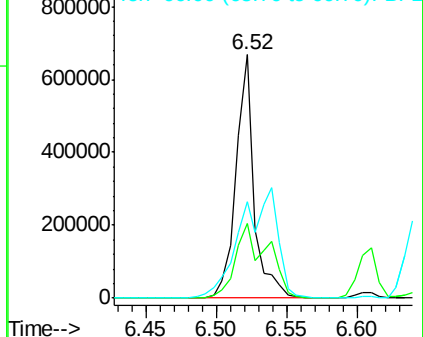
66 39.7 16.2 56.2

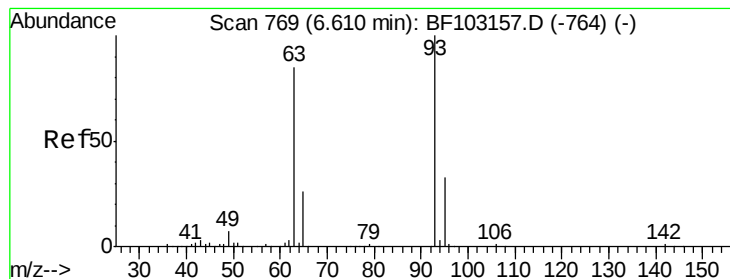


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.764 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA_F

ClientSampleId :

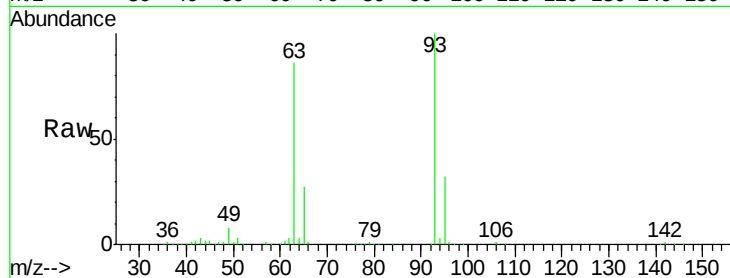
Tot Ion: 93 Resp: 459981

Ion Ratio Lower Upper

93 100

63 86.2 58.6 98.6

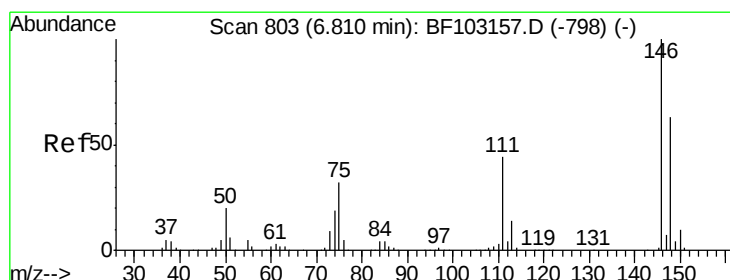
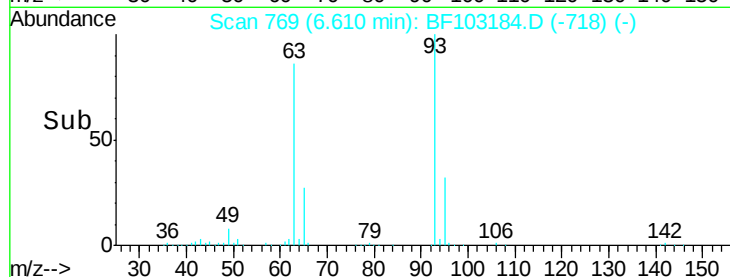
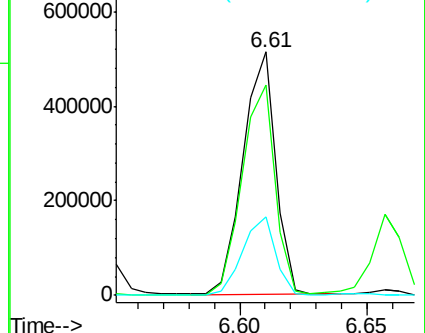
95 32.2 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.200 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

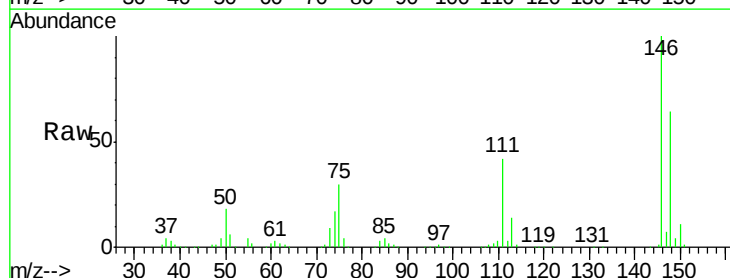
Tgt Ion: 146 Resp: 487059

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

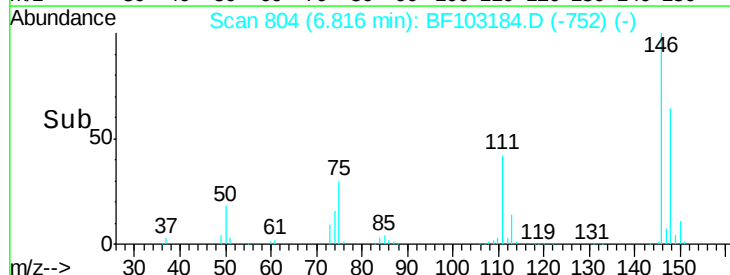
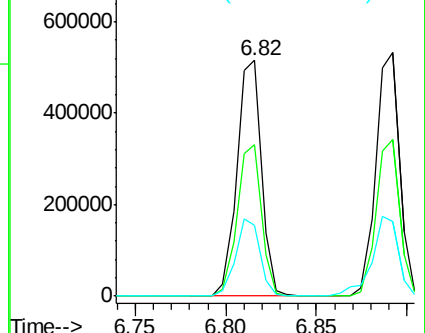
75 29.9 24.2 36.4

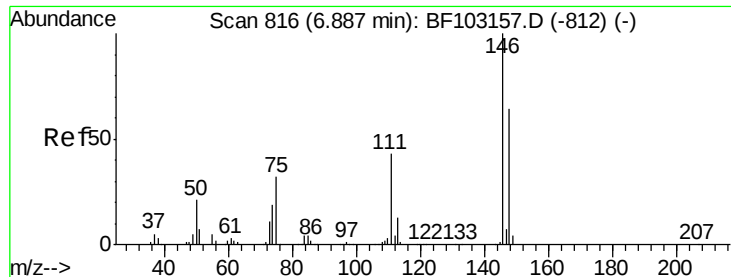


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.316 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA_F

ClientSampled :

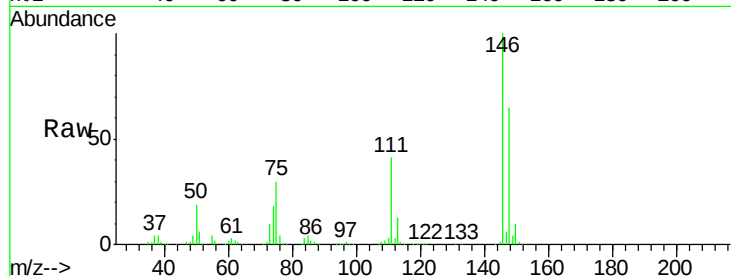
Tot Ion:146 Resp: 489765

Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

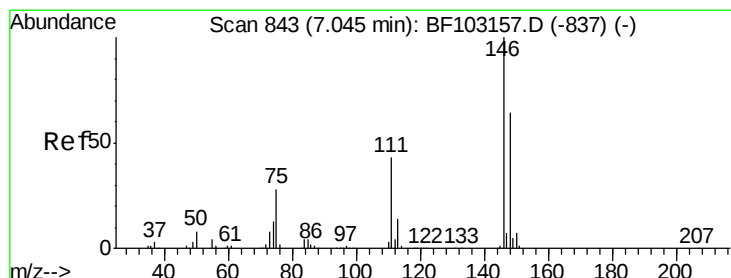
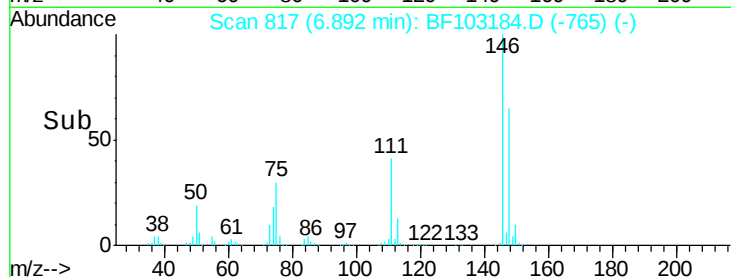
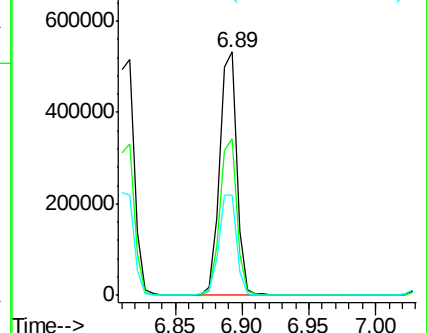
111 41.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.653 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

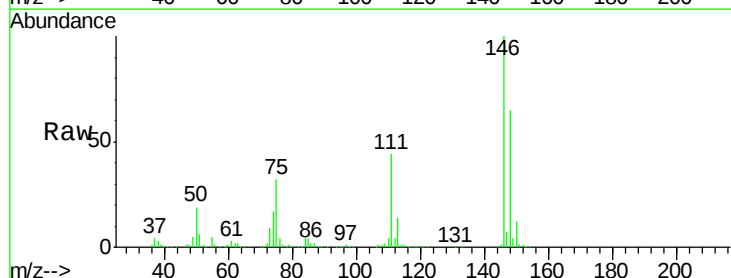
Tgt Ion:146 Resp: 443991

Ion Ratio Lower Upper

146 100

148 64.8 50.6 75.8

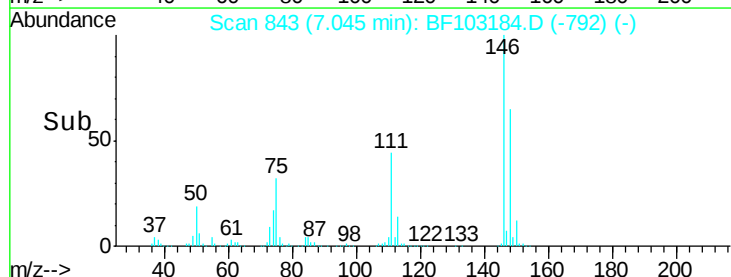
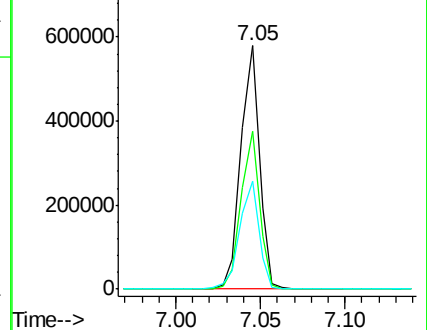
111 44.2 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.176 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA_F

ClientSampleId :

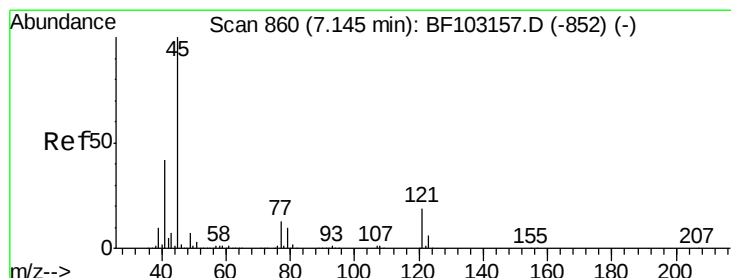
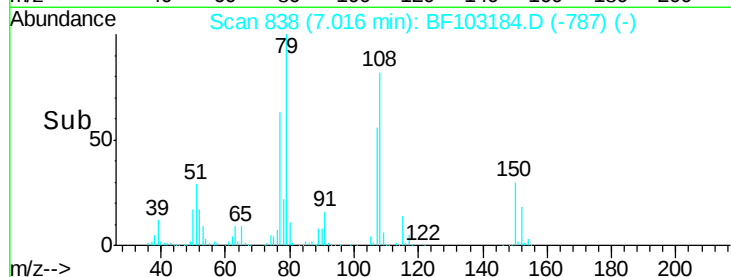
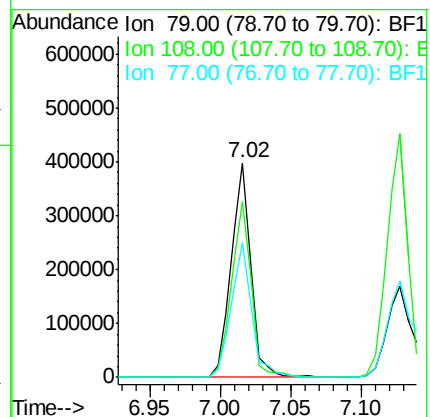
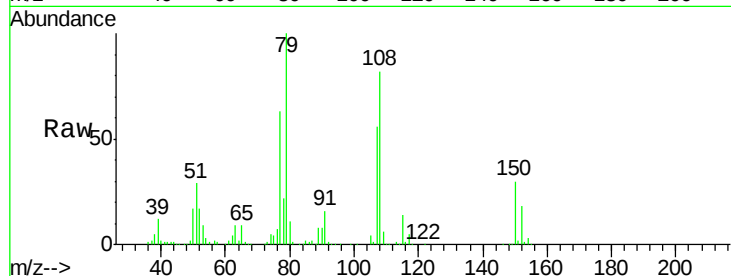
Tot Ion: 79 Resp: 387727

Ion Ratio Lower Upper

79 100

108 82.0 65.1 97.7

77 63.0 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.190 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

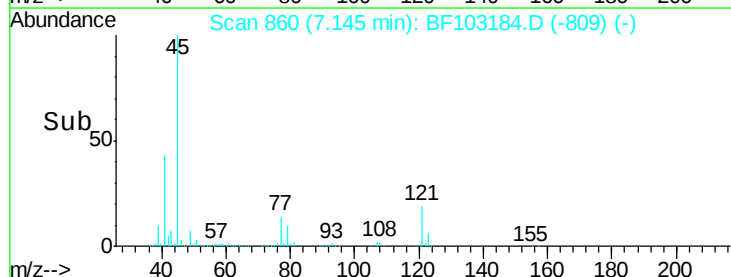
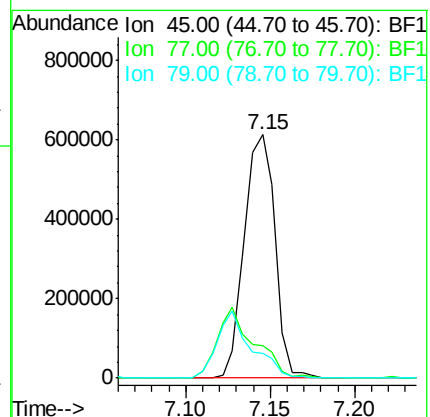
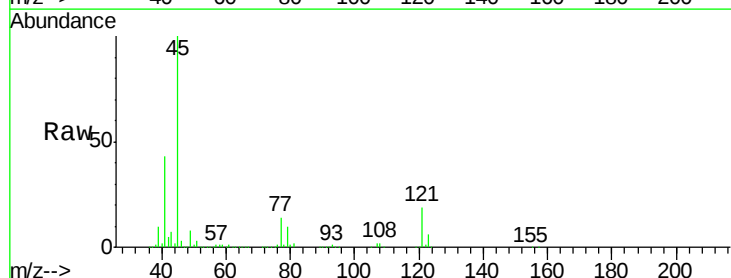
Tgt Ion: 45 Resp: 778771

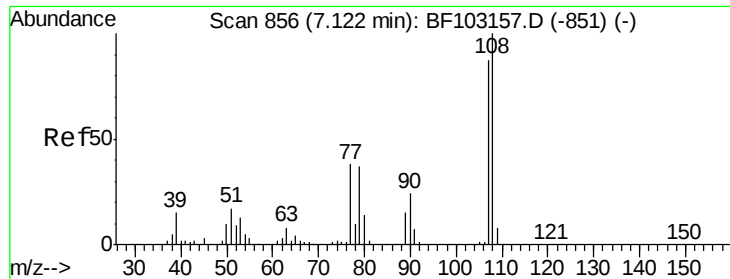
Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.9

79 10.1 0.0 29.6

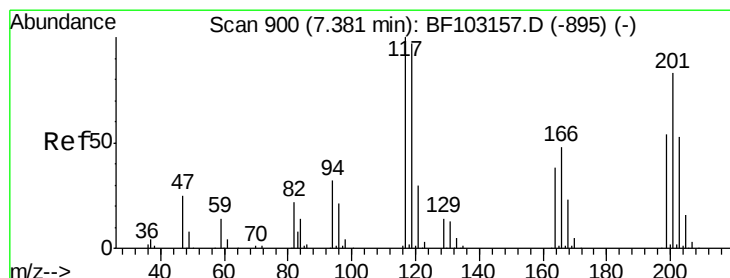
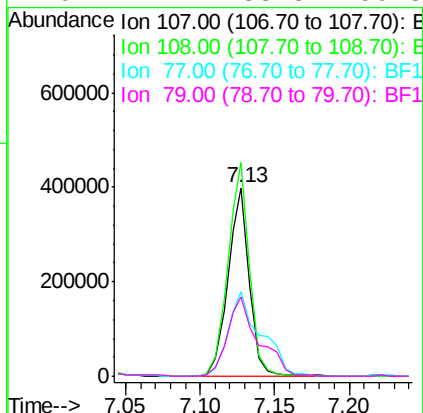
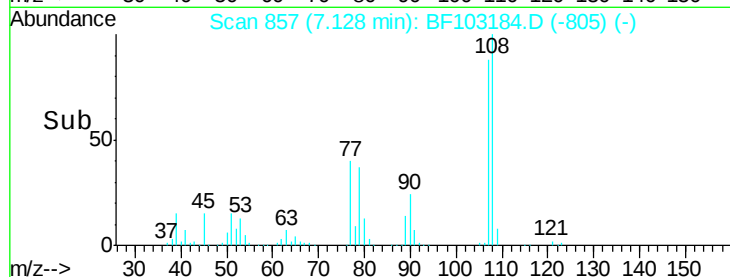
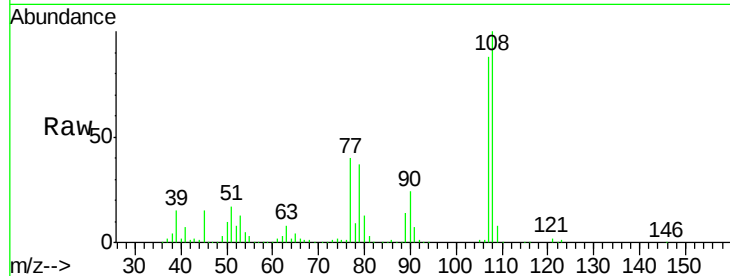




#17
2-Methylphenol
Concen: 40.559 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

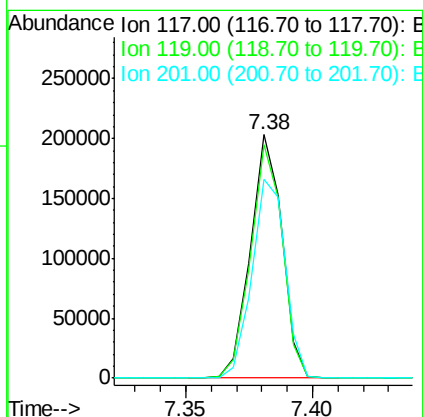
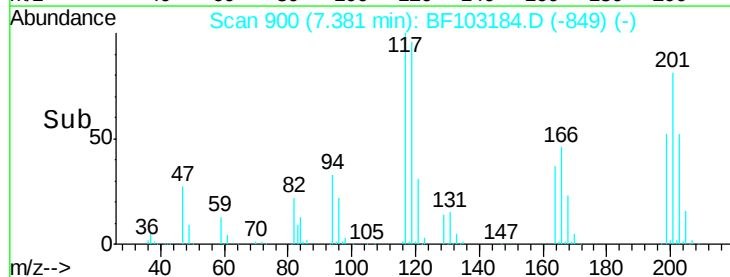
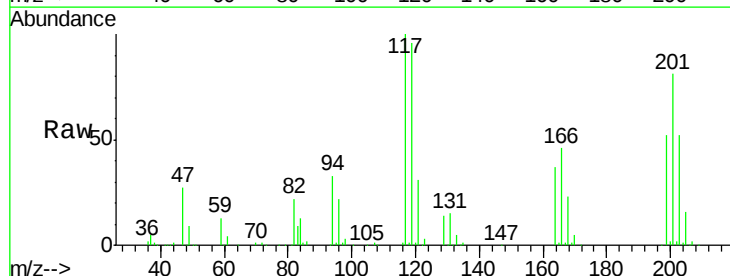
Instrument :
BNA_F
ClientSampleId :

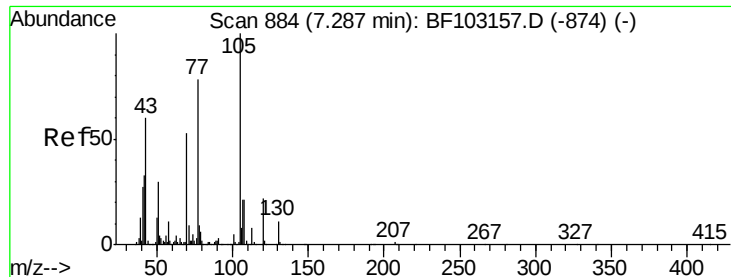
Tot Ion:	107	Resp:	400750
Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.7	137.5
77	44.8	33.8	50.8
79	42.4	33.8	50.8



#18
Hexachloroethane
Concen: 39.005 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

Tgt Ion:	117	Resp:	176883
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.8
201	81.4	75.7	113.5

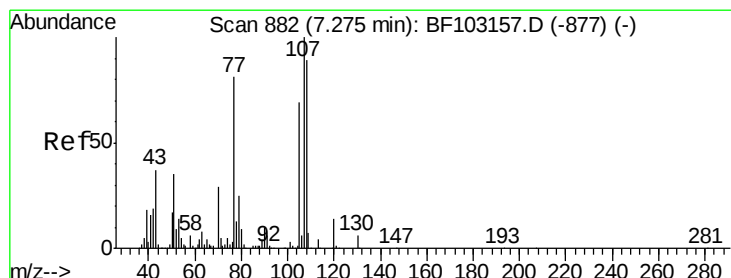
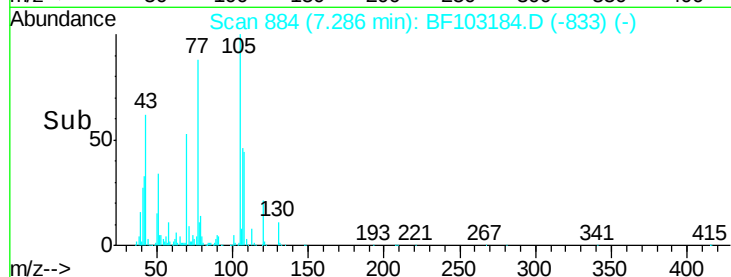
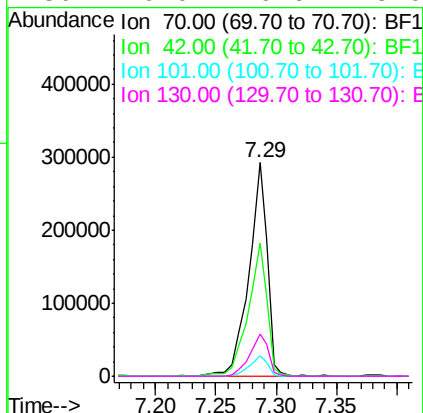
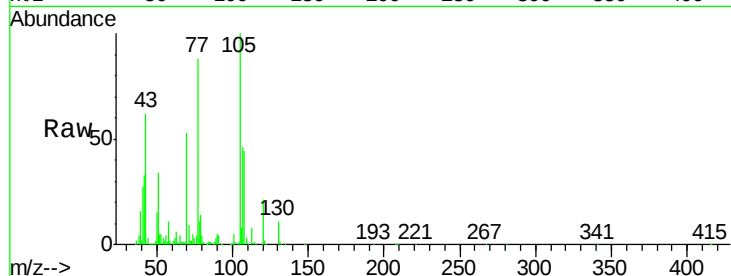




#19
n-Nitroso-di-n-propylamine
Concen: 39.058 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

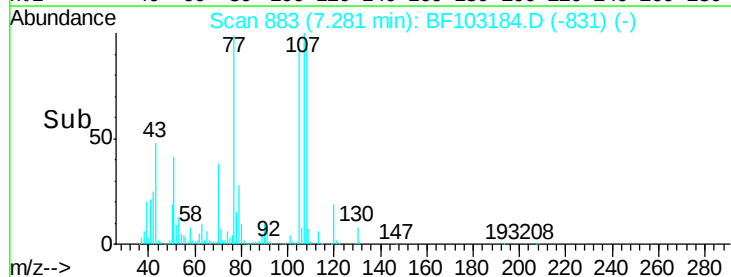
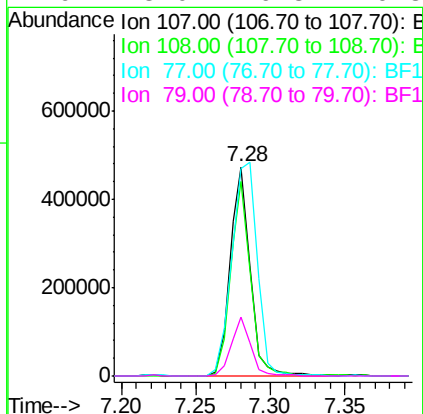
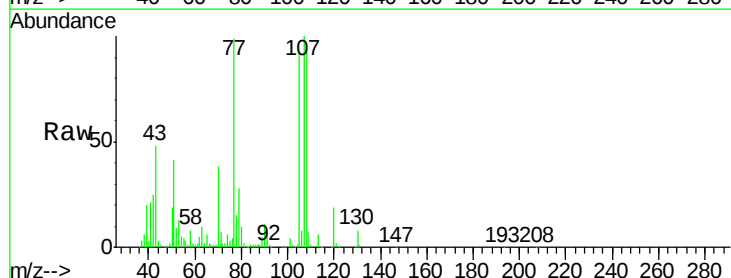
Instrument :
BNA_F
ClientSampleId :

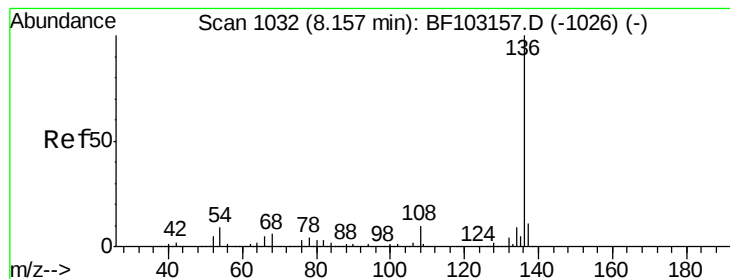
Tot Ion: 70 Resp: 311317
Ion Ratio Lower Upper
70 100
42 62.5 47.5 71.3
101 9.6 7.4 11.2
130 20.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 37.383 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

Tgt Ion:107 Resp: 450258
Ion Ratio Lower Upper
107 100
108 93.0 68.2 108.2
77 99.3 26.7 66.7#
79 28.0 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: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 689855

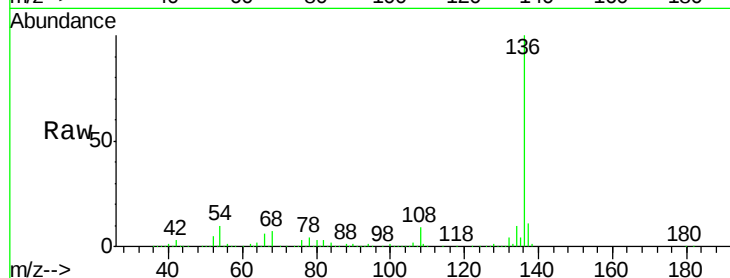
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 9.6 6.6 9.8

68 6.8 5.0 7.4

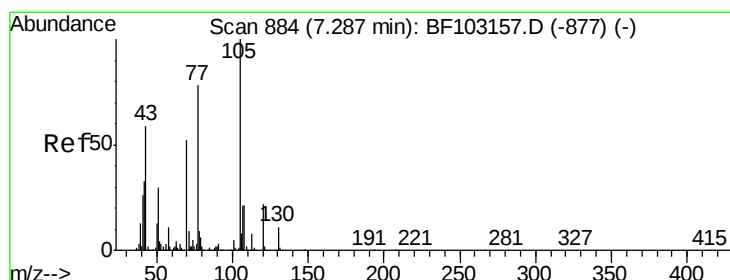
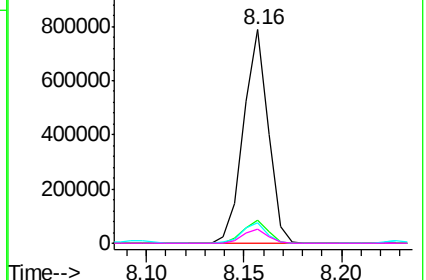
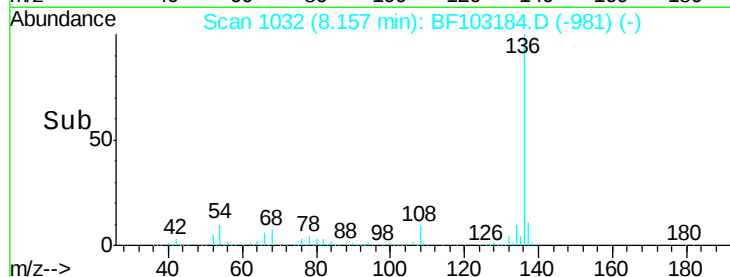


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.616 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Tgt Ion:105 Resp: 605702

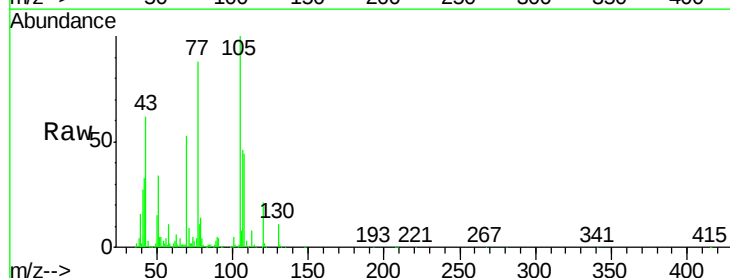
Ion Ratio Lower Upper

105 100

71 9.0 4.4 6.6#

51 34.3 22.3 33.5#

120 21.3 16.9 25.3

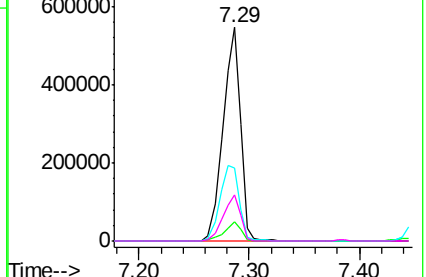
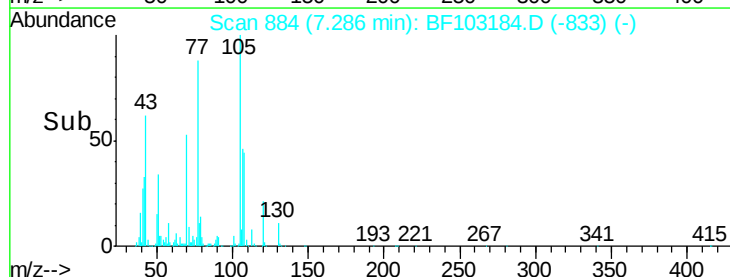


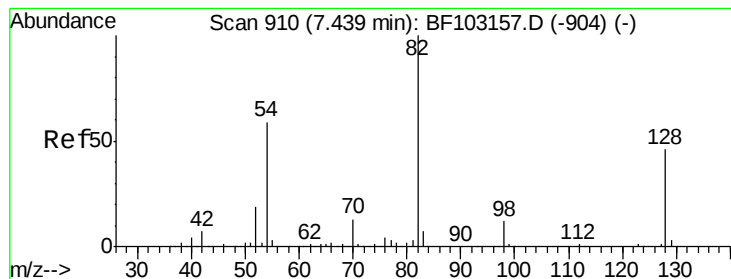
Abundance Ion 105.00 (104.70 to 105.70): E

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: 78.051 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA_F

ClientSampleId :

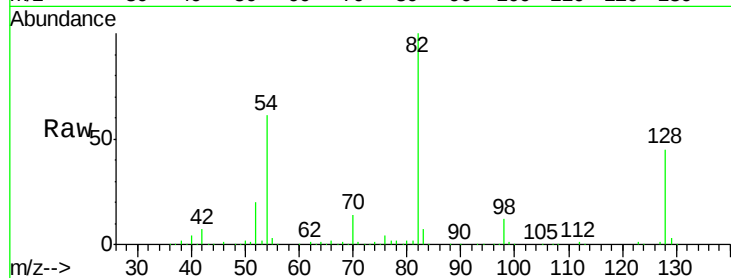
Tot Ion: 82 Resp: 942832

Ion Ratio Lower Upper

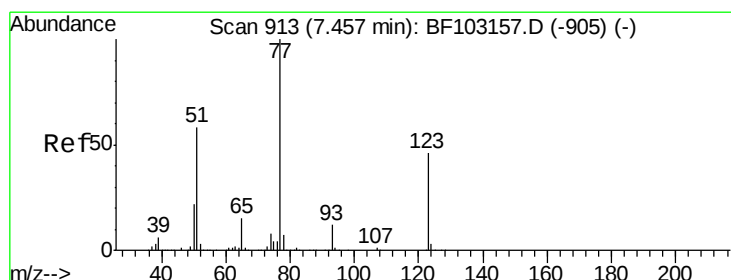
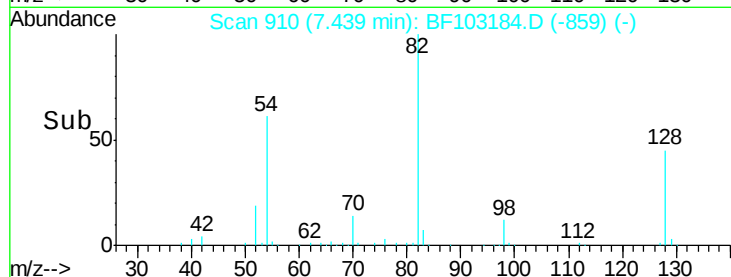
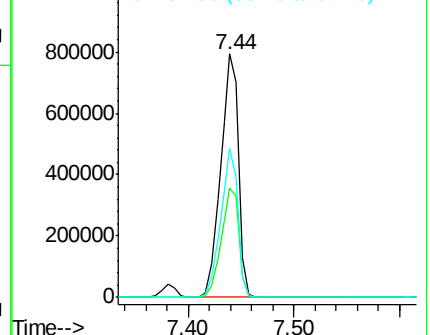
82 100

128 44.7 36.1 54.1

54 61.3 41.4 62.2



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



#24

Nitrobenzene

Concen: 39.188 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

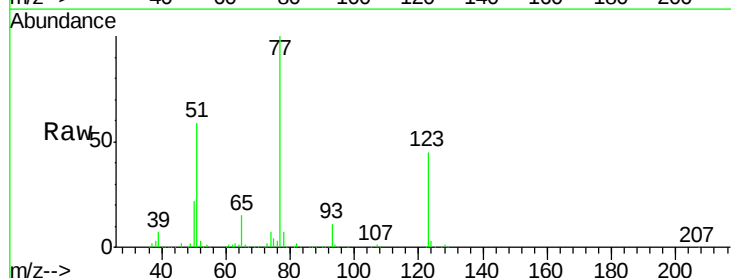
Tgt Ion: 77 Resp: 521197

Ion Ratio Lower Upper

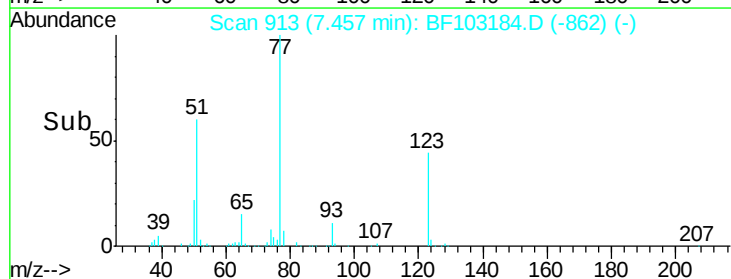
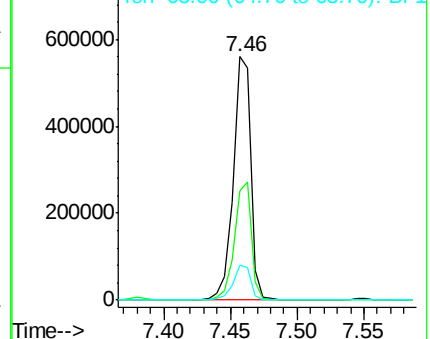
77 100

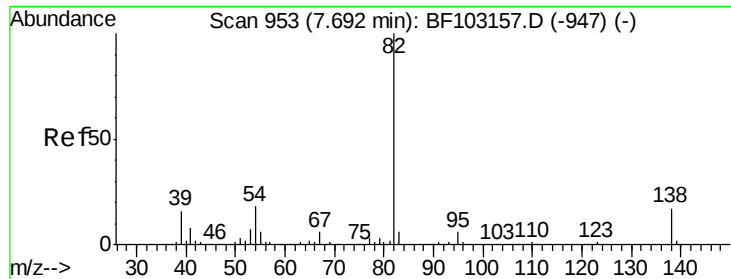
123 44.6 37.9 56.9

65 14.5 11.0 16.4



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





#25

Isophorone

Concen: 38.738 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA_F

ClientSampled :

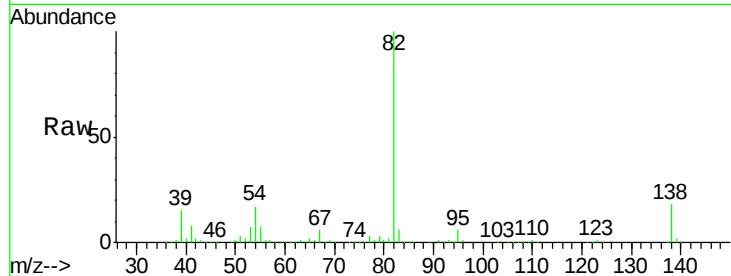
Tot Ion: 82 Resp: 921623

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

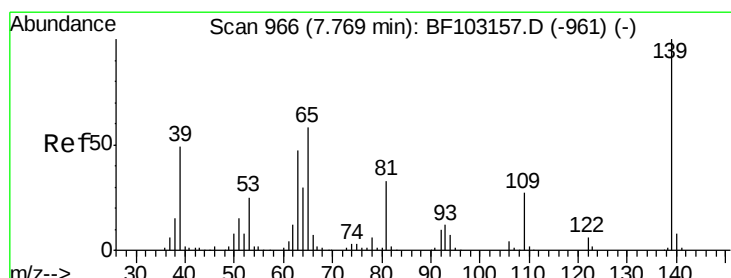
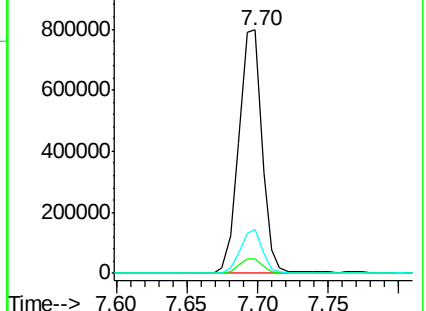
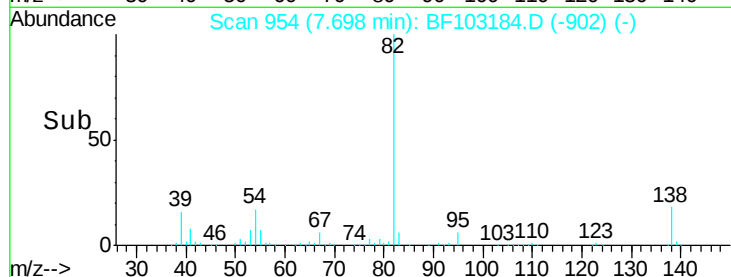
138 18.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.747 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

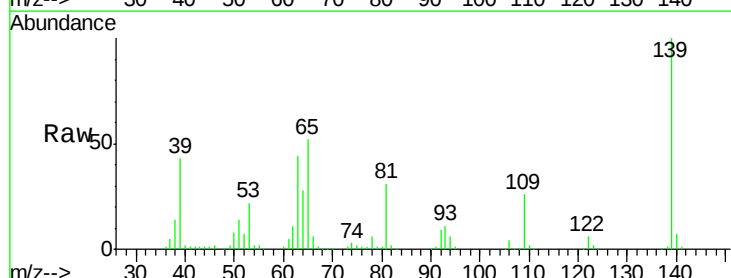
Tgt Ion: 139 Resp: 255118

Ion Ratio Lower Upper

139 100

109 26.4 22.7 34.1

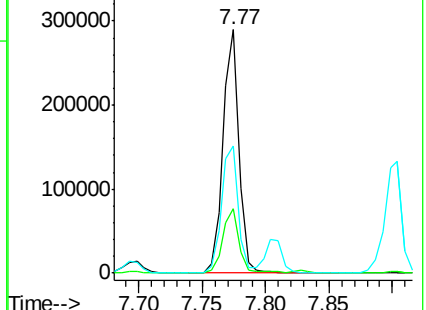
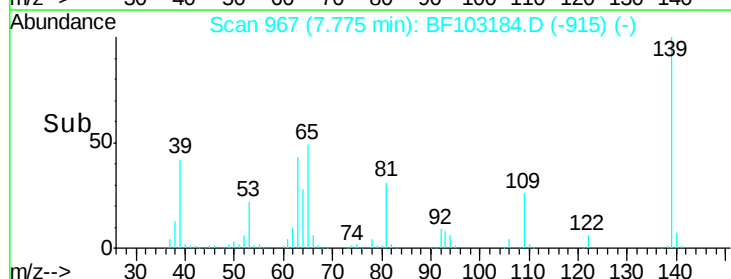
65 52.1 40.5 60.7

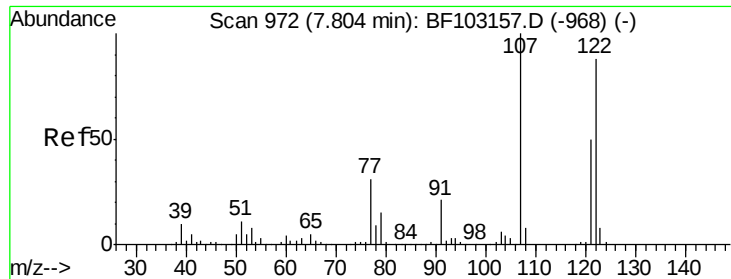


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

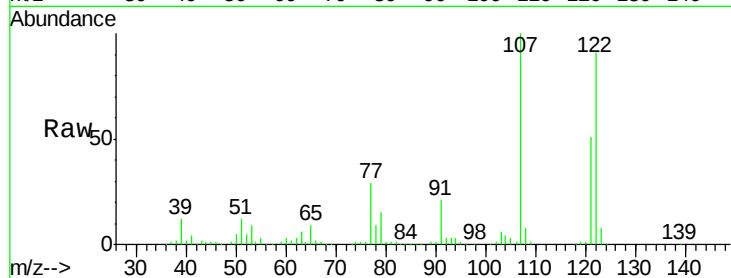




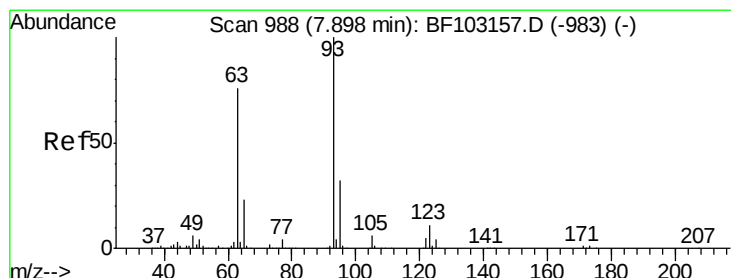
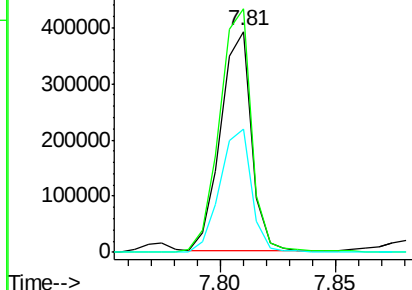
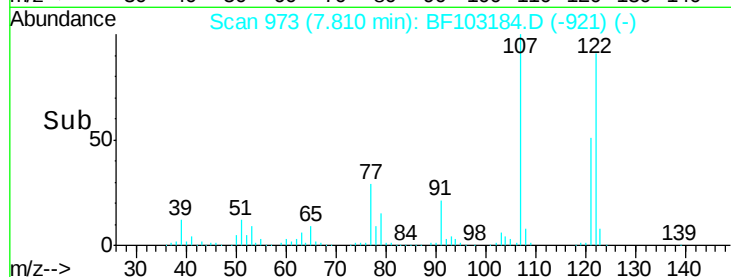
#27
 2,4-Dimethylphenol
 Concen: 37.873 ng
 RT: 7.81 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BF103184.D
 Acq: 23 Feb 2018 8:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.3	91.2	136.8
121	55.8	47.2	70.8

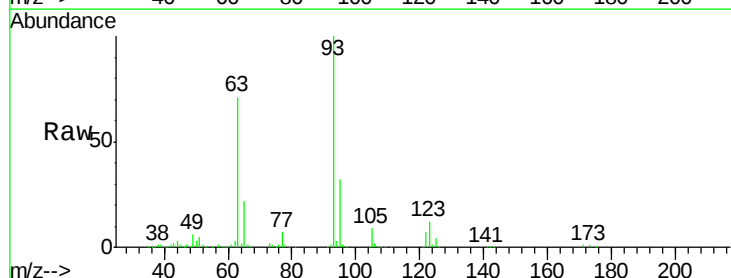


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

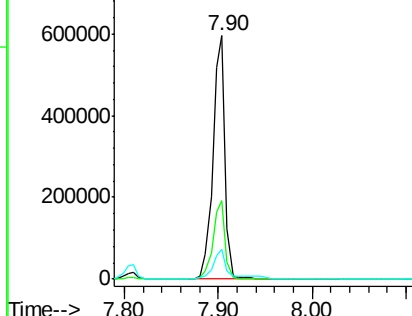
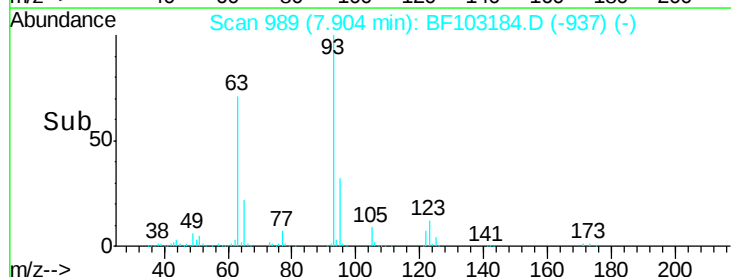


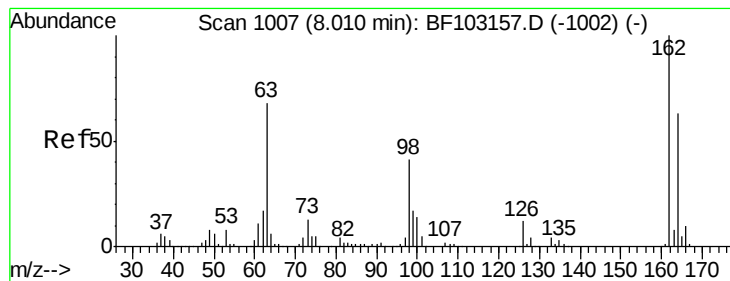
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.783 ng
 RT: 7.90 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: BF103184.D
 Acq: 23 Feb 2018 8:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	12.2	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: 39.221 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA_F

ClientSampleId :

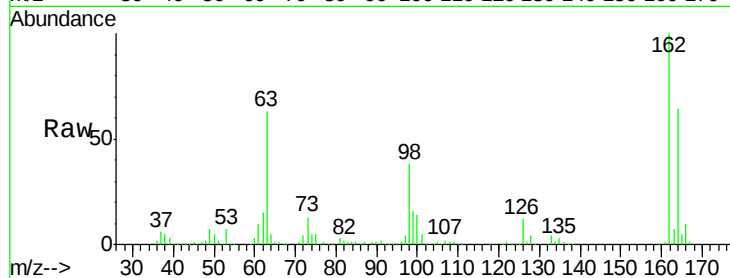
Tot Ion:162 Resp: 359365

Ion Ratio Lower Upper

162 100

164 64.1 42.7 82.7

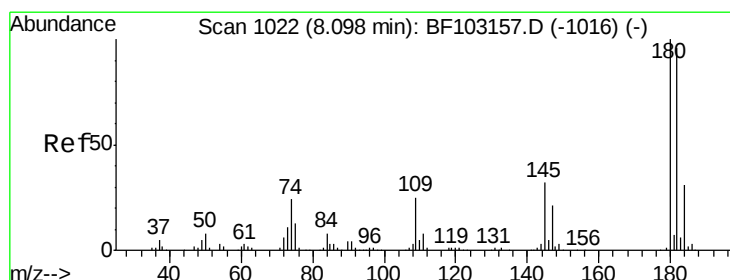
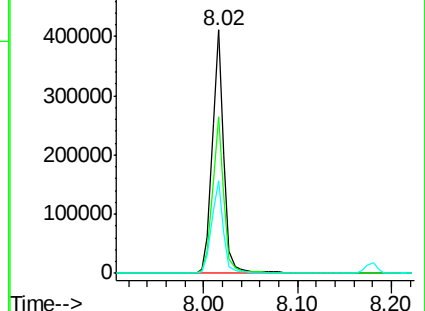
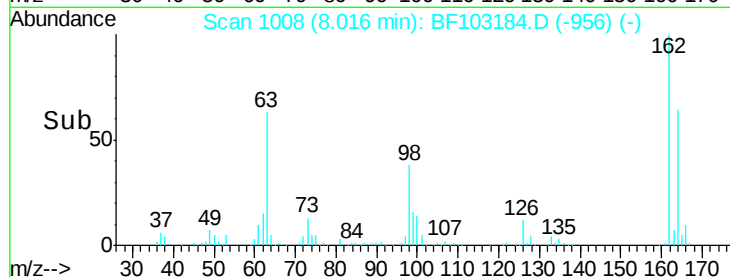
98 37.9 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.571 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

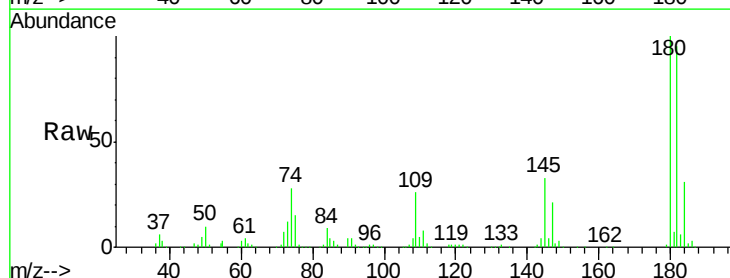
Tgt Ion:180 Resp: 376345

Ion Ratio Lower Upper

180 100

182 94.8 76.8 115.2

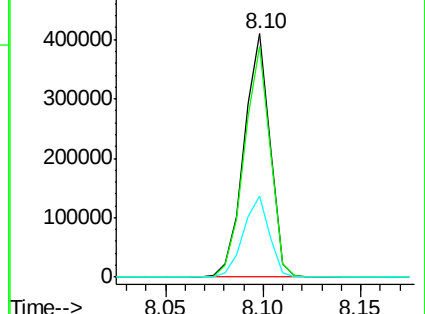
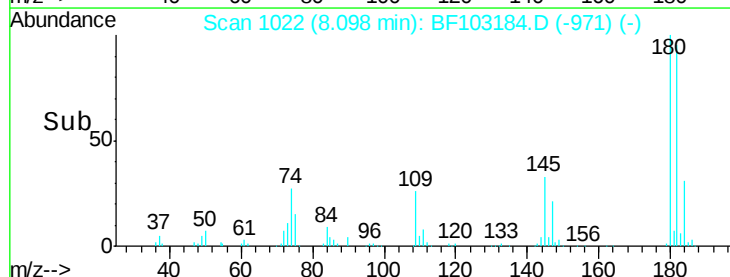
145 33.4 26.5 39.7

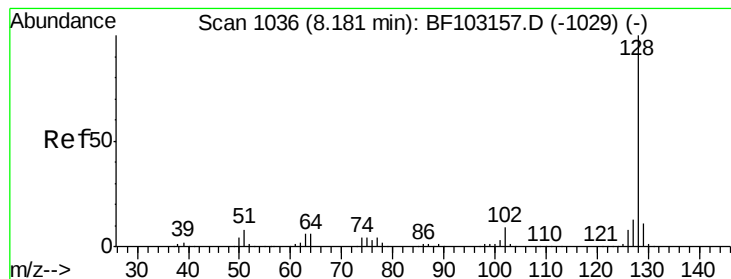


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.306 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA_F

ClientSampleId :

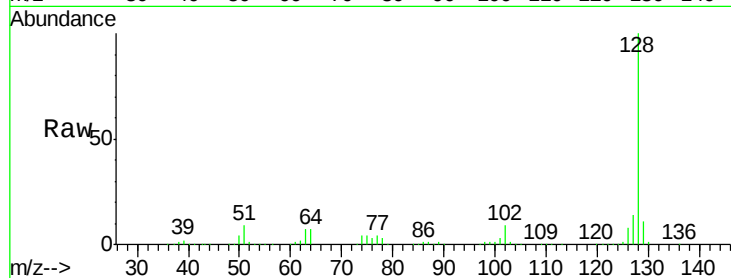
Tot Ion:128 Resp: 1293755

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

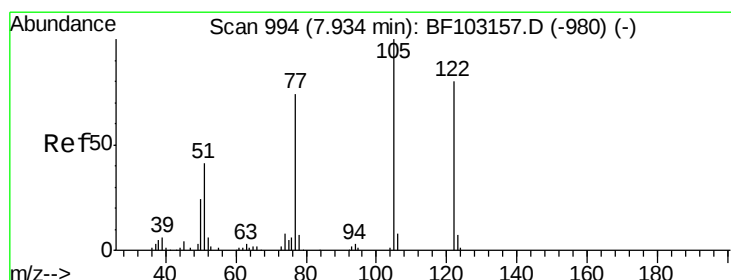
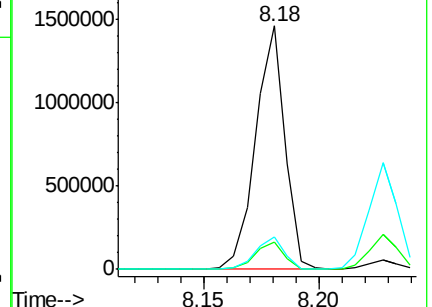
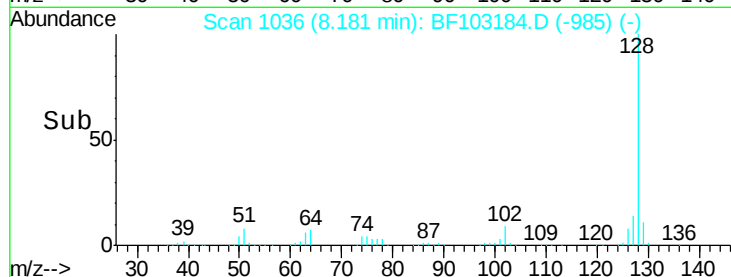
127 13.5 10.9 16.3



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: 42.913 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

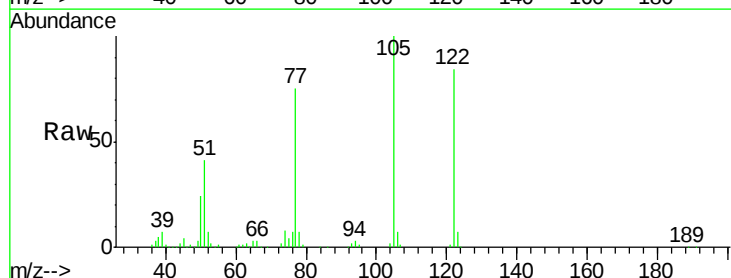
Tgt Ion:122 Resp: 298610

Ion Ratio Lower Upper

122 100

105 119.0 101.1 141.1

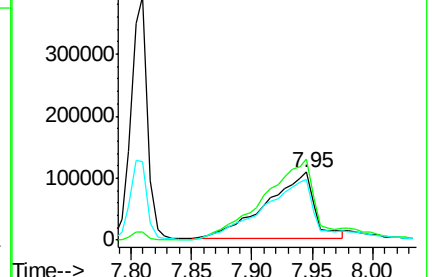
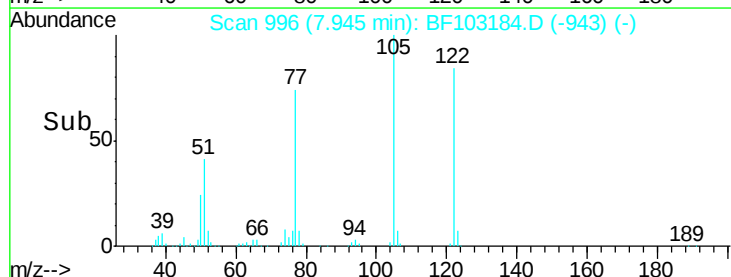
77 88.7 70.7 110.7

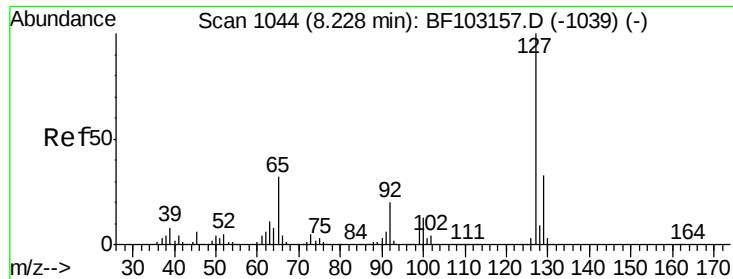


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

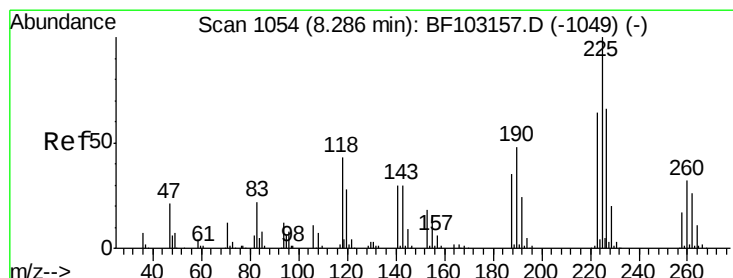
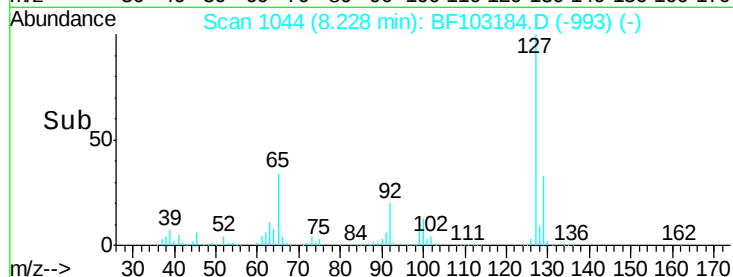
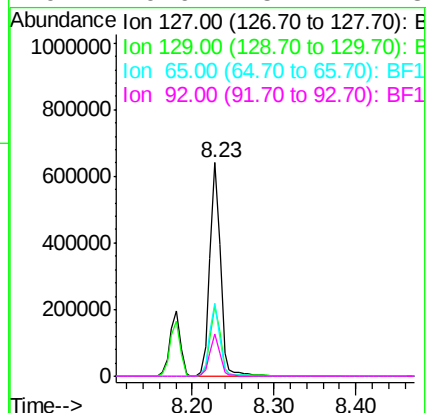
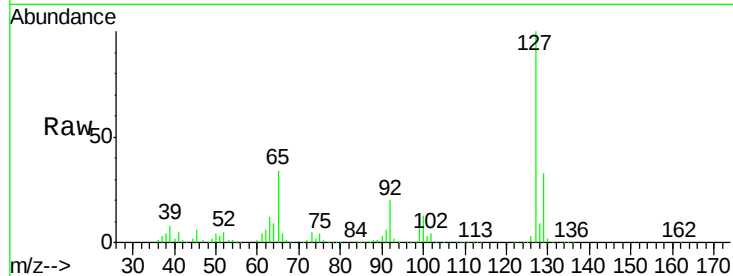




#33
4-Chloroaniline
Concen: 39.813 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

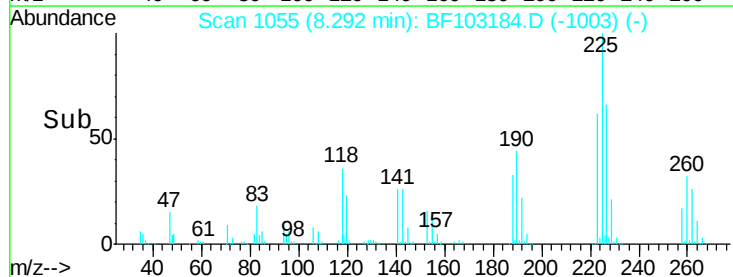
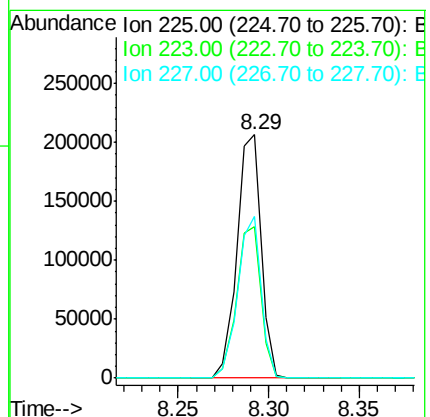
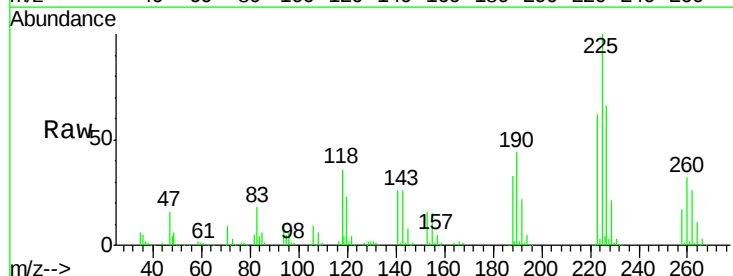
Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	580251
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	34.4	25.0	37.4
92	19.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.003 ng
RT: 8.29 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

Tgt Ion:	225	Resp:	193092
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	66.4	51.9	77.9

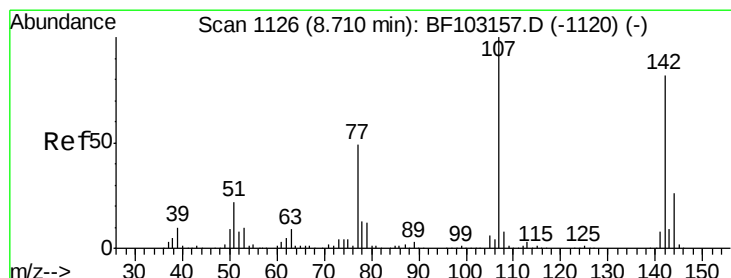
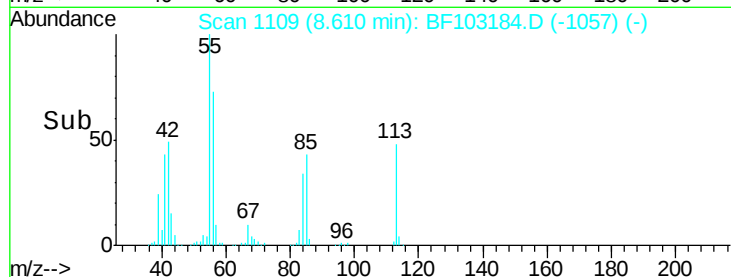
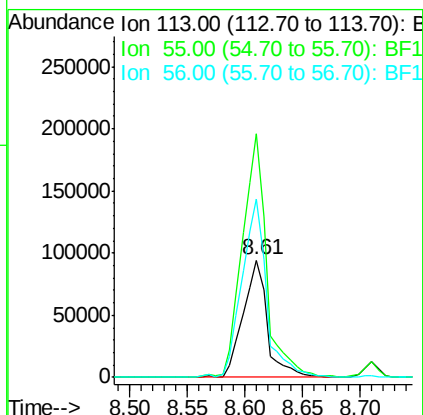
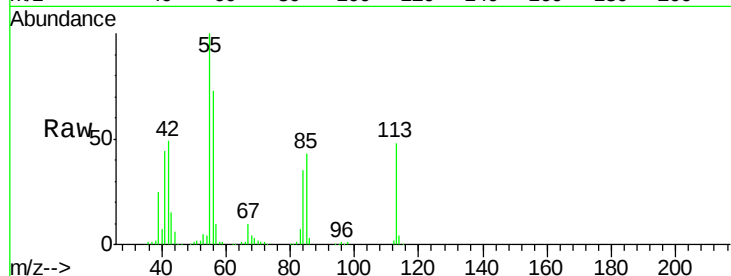




#35
Caprolactam
Concen: 42.631 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

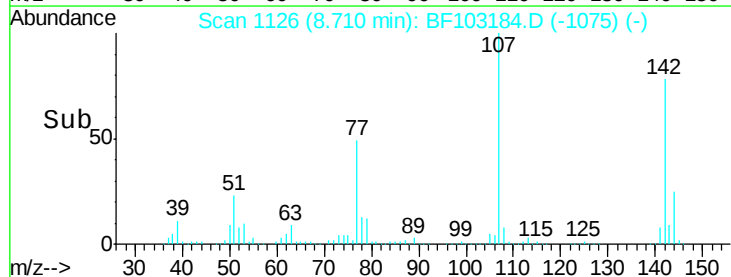
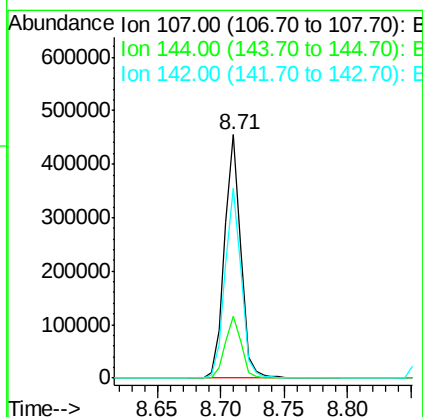
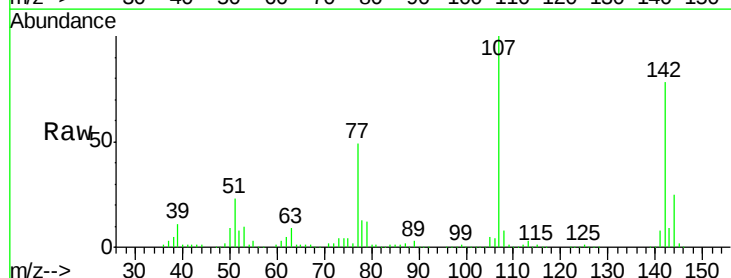
Instrument :
BNA_F
ClientSampled :

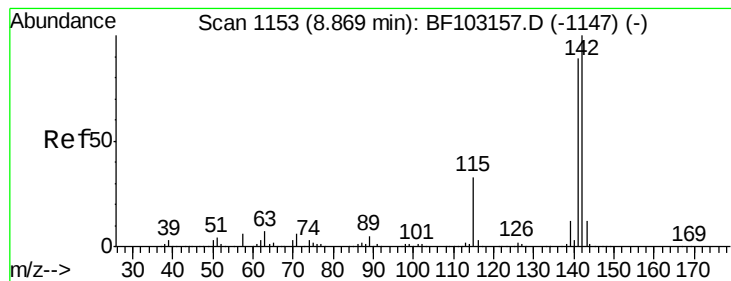
Tot Ion:113 Resp: 137281
Ion Ratio Lower Upper
113 100
55 208.1 163.3 203.3#
56 152.2 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 39.508 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

Tgt Ion:107 Resp: 408303
Ion Ratio Lower Upper
107 100
144 25.3 20.5 30.7
142 78.2 62.0 93.0

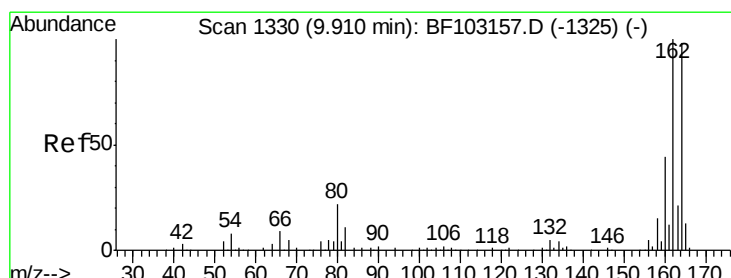
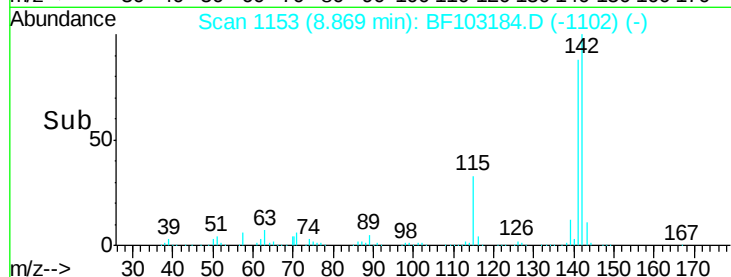
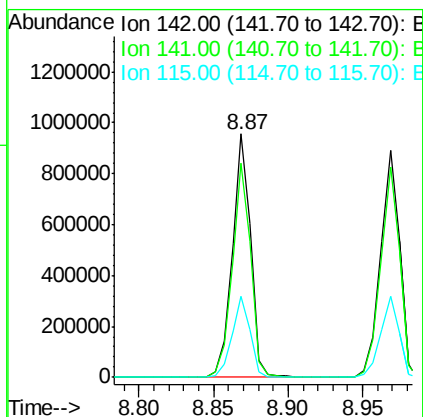
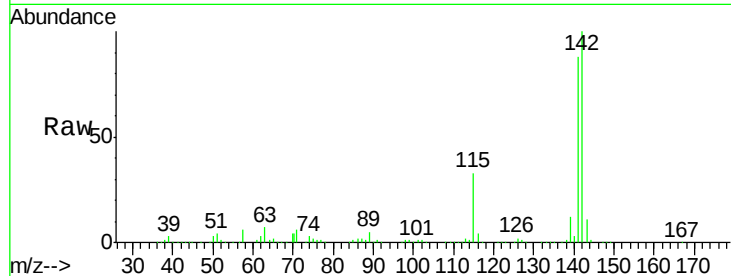




#37
2-Methylnaphthalene
Concen: 38.098 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

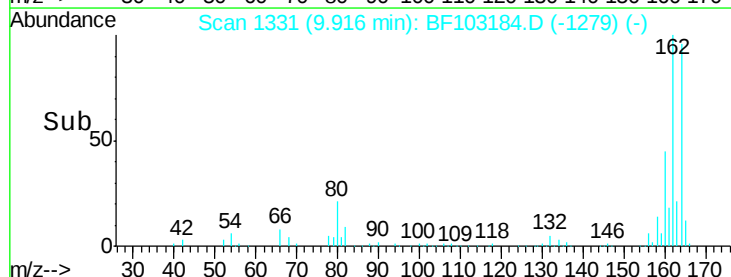
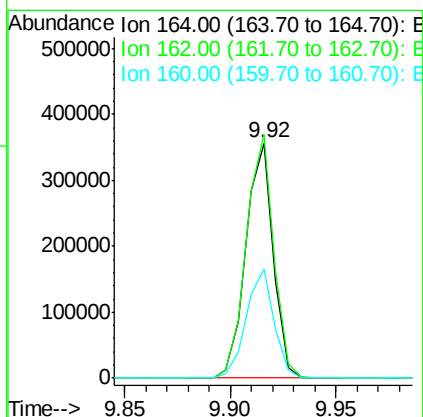
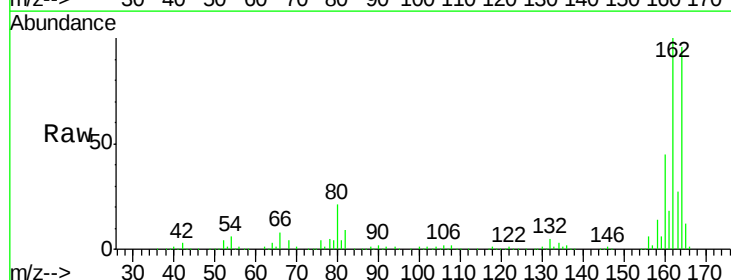
Instrument :
BNA_F
ClientSampleId :

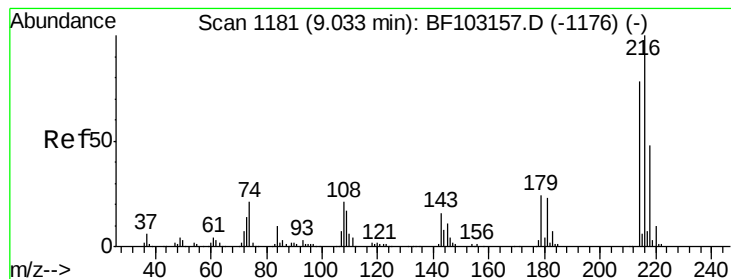
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	33.1	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	46.5	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.776 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 329535

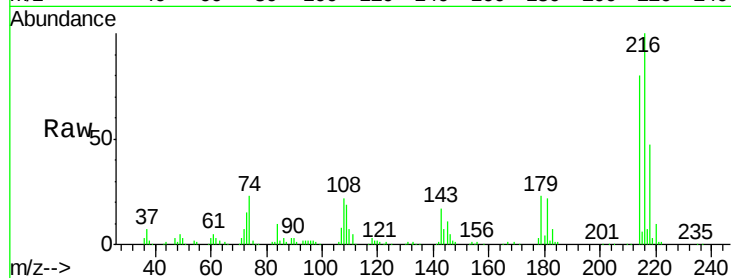
Ion Ratio Lower Upper

216 100

214 80.5 63.0 94.4

179 23.0 18.1 27.1

108 22.6 17.2 25.8

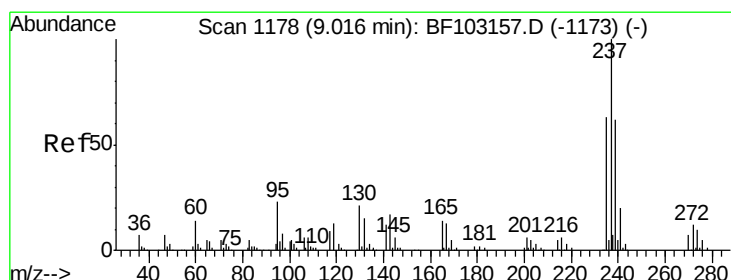
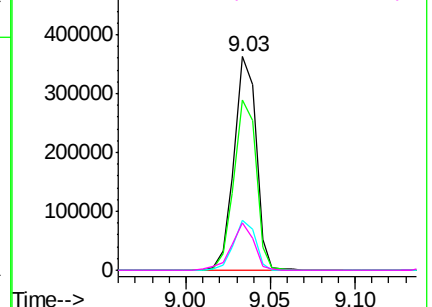
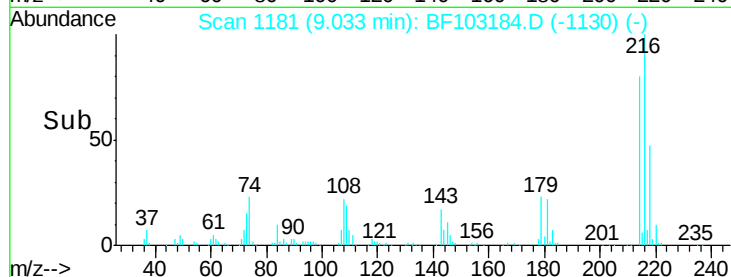


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.500 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

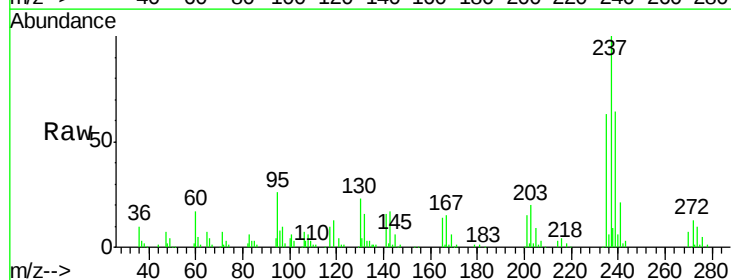
Tgt Ion:237 Resp: 98985

Ion Ratio Lower Upper

237 100

235 62.7 44.8 84.8

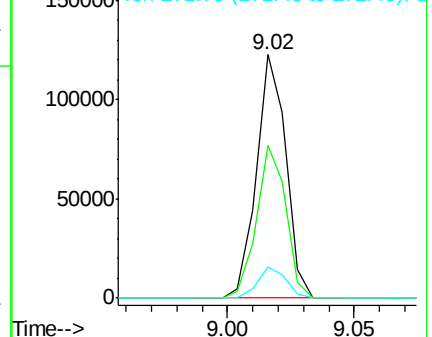
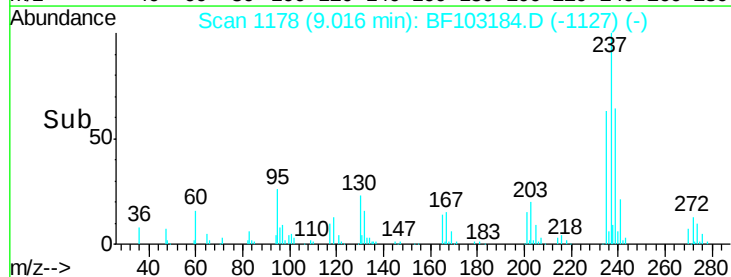
272 12.6 0.0 33.3

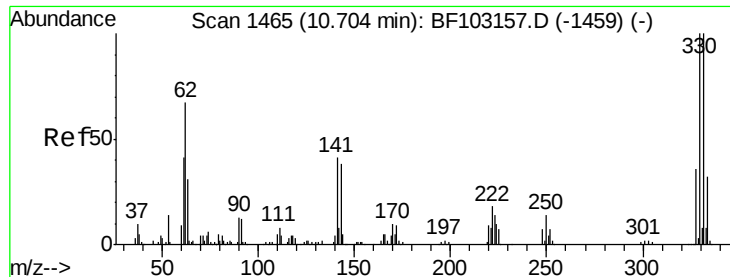


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

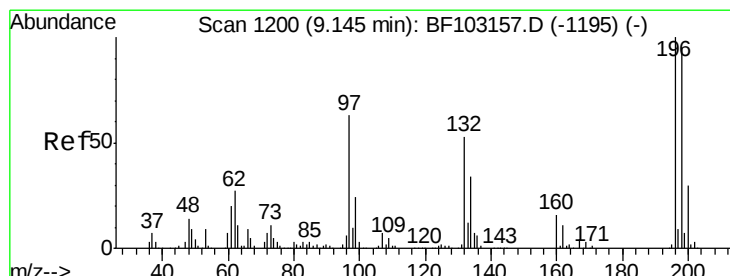
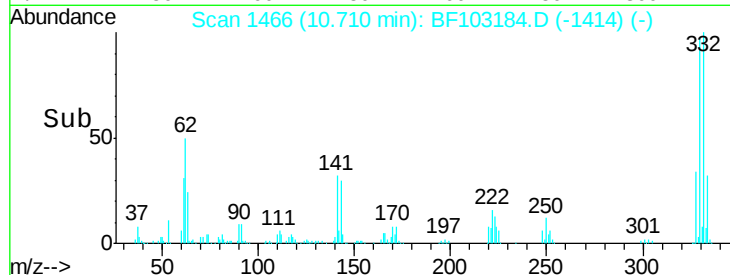
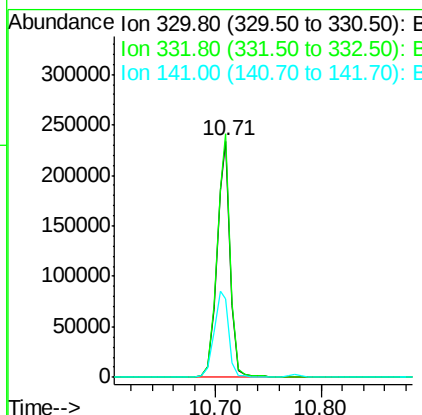
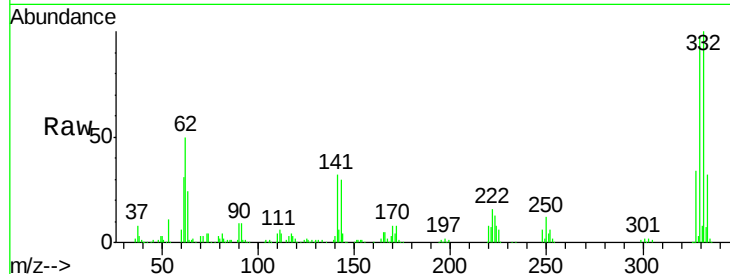




#41
 2,4,6-Tribromophenol
 Concen: 77.555 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF103184.D
 Acq: 23 Feb 2018 8:27

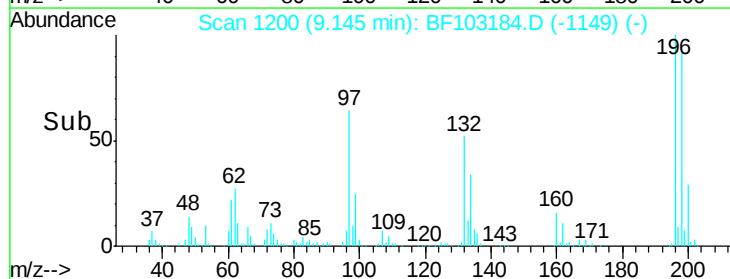
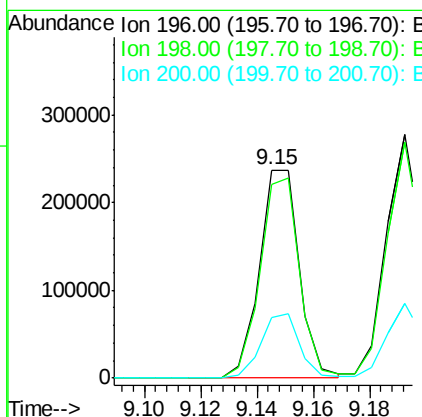
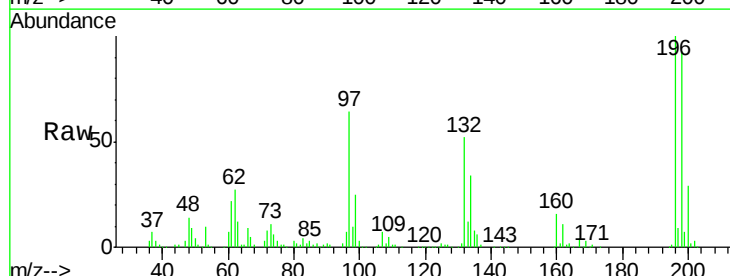
Instrument :
 BNA_F
 ClientSampleId :

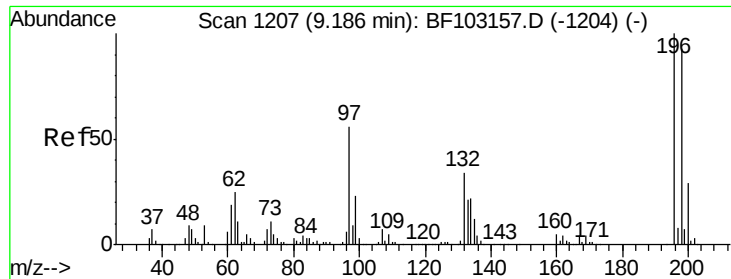
Tot Ion:330 Resp: 209474
 Ion Ratio Lower Upper
 330 100
 332 102.0 77.0 115.6
 141 40.4 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.607 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF103184.D
 Acq: 23 Feb 2018 8:27

Tgt Ion:196 Resp: 232483
 Ion Ratio Lower Upper
 196 100
 198 93.2 75.7 113.5
 200 29.4 24.5 36.7

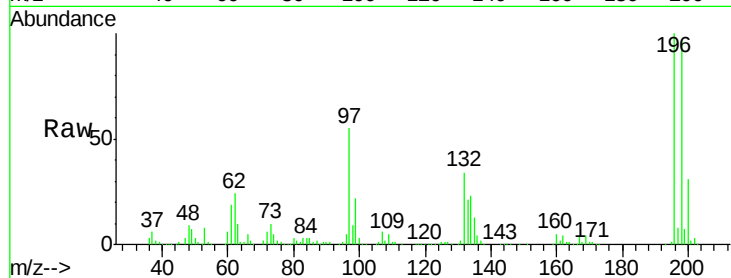




#43
 2,4,5-Trichlorophenol
 Concen: 38.889 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF103184.D
 Acq: 23 Feb 2018 8:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.1	74.6	112.0
97	54.6	42.9	64.3
132	33.9	26.3	39.5



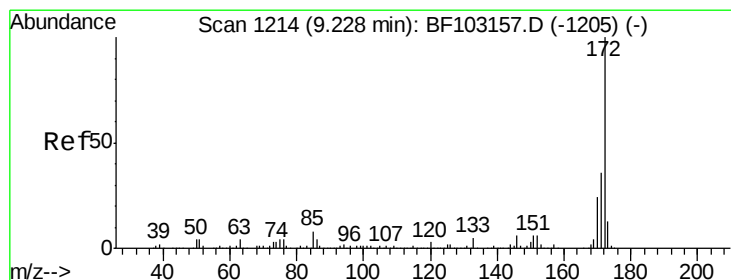
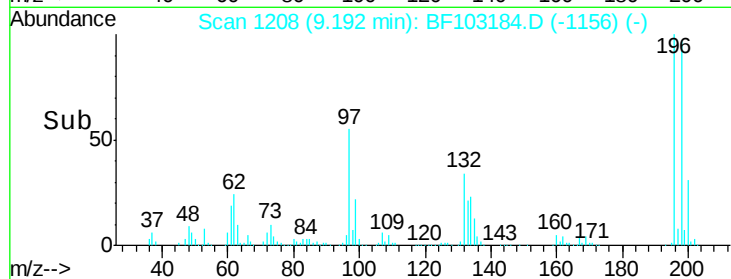
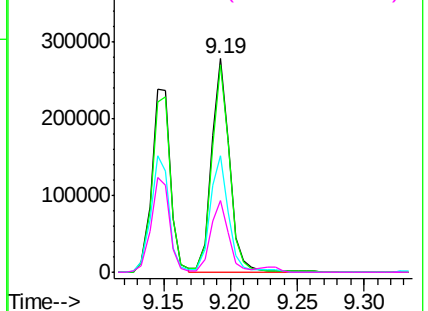
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

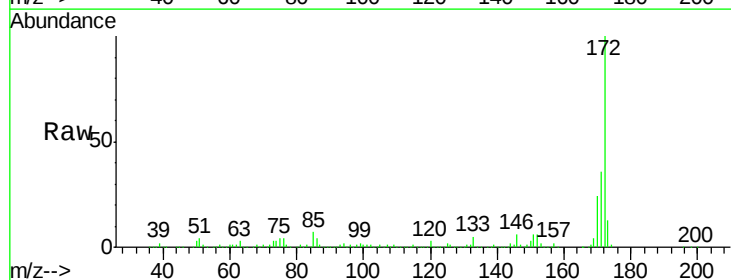
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.639 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103184.D
 Acq: 23 Feb 2018 8:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.2	19.6	29.4

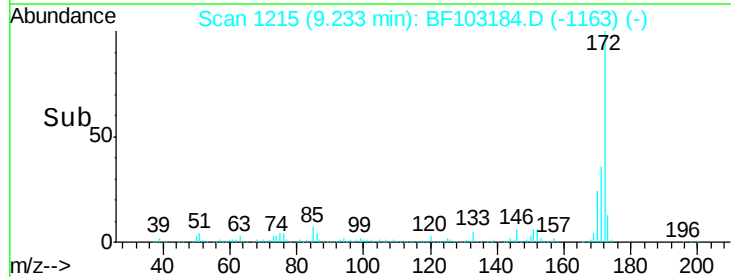
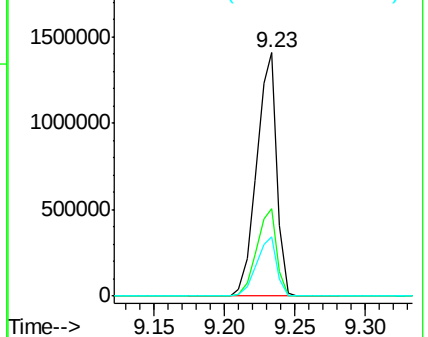


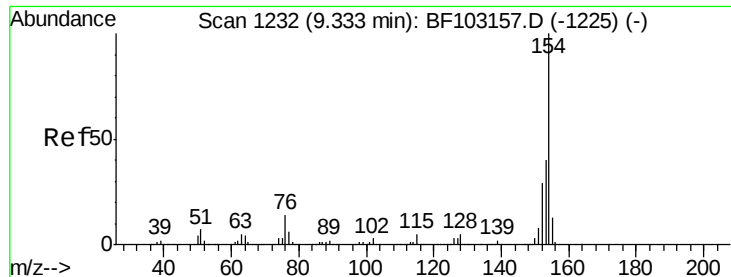
Abundance

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

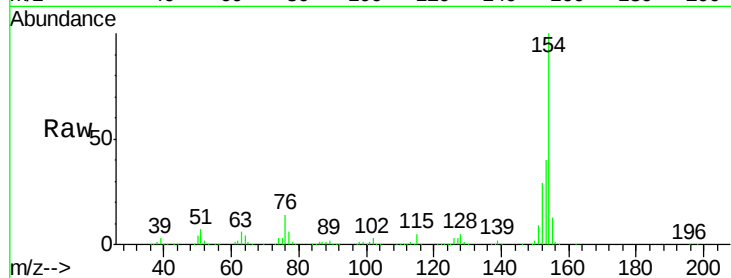




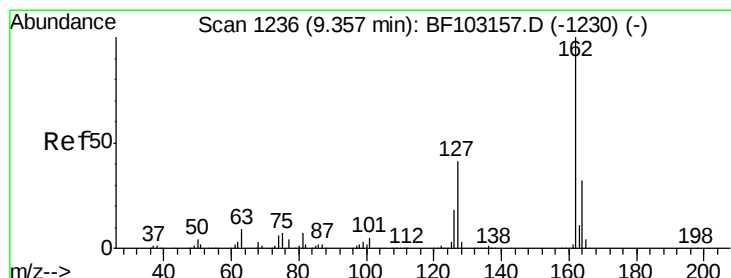
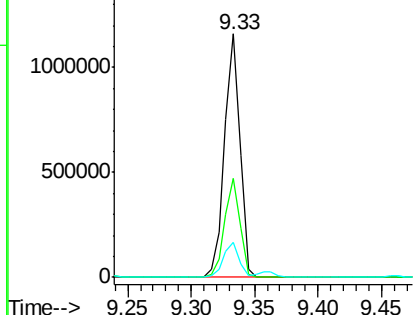
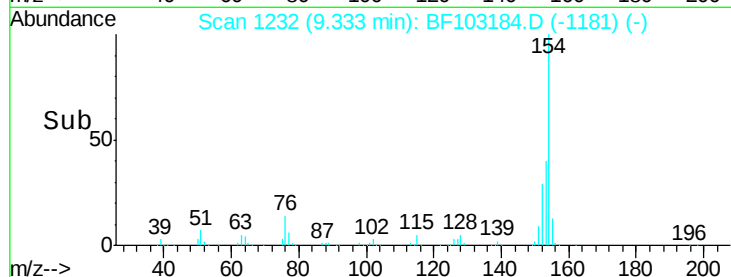
#45
 1,1'-Biphenyl
 Concen: 37.056 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103184.D
 Acq: 23 Feb 2018 8:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	14.2	0.0	34.0

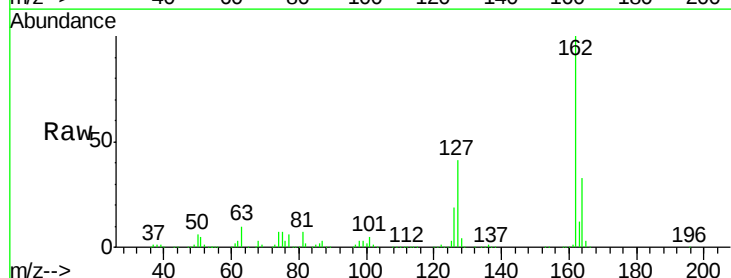


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

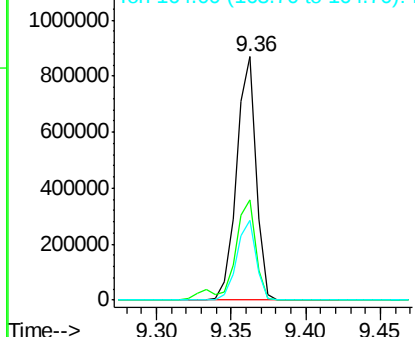
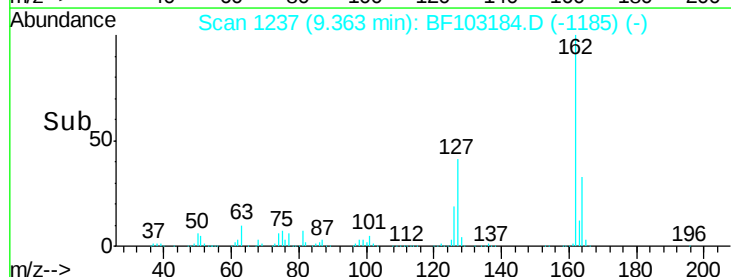


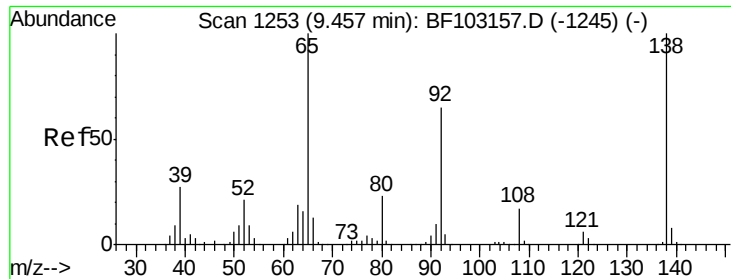
#46
 2-Chloronaphthalene
 Concen: 37.753 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF103184.D
 Acq: 23 Feb 2018 8:27

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.9	50.9
164	32.9	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

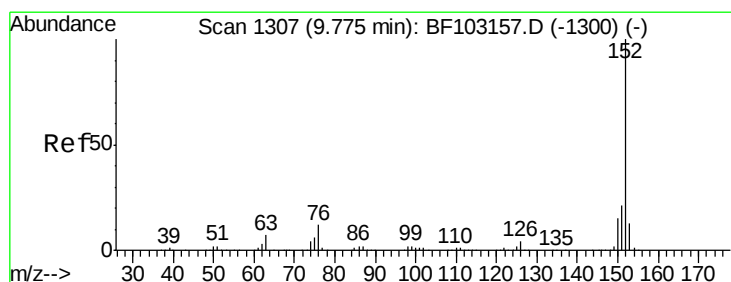
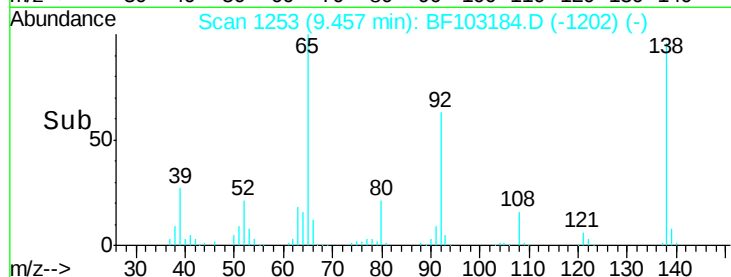
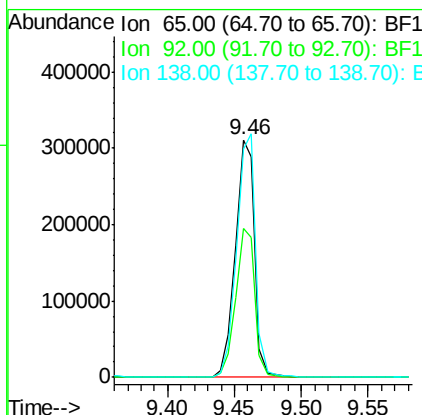
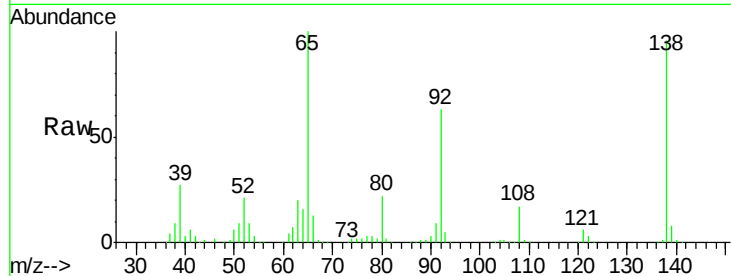




#47
2-Nitroaniline
Concen: 40.188 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

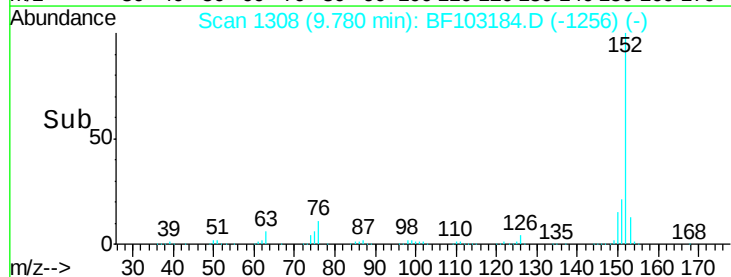
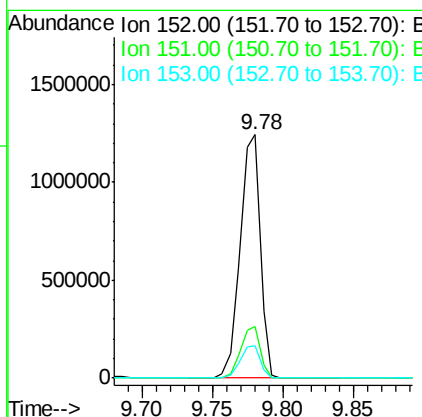
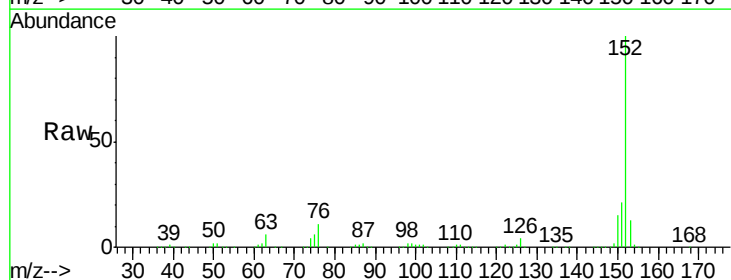
Instrument :
BNA_F
ClientSampleId :

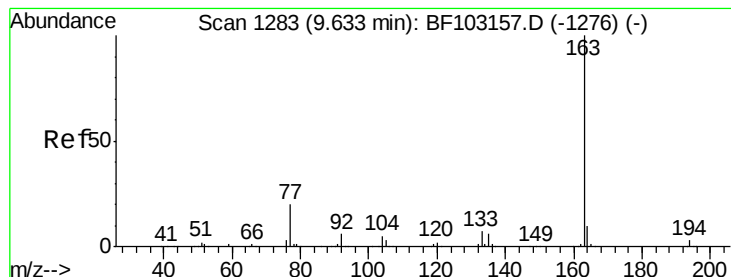
Tot Ion: 65 Resp: 314900
Ion Ratio Lower Upper
65 100
92 62.7 55.8 83.6
138 96.0 91.2 136.8



#48
Acenaphthylene
Concen: 37.944 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

Tgt Ion: 152 Resp: 1234988
Ion Ratio Lower Upper
152 100
151 21.4 16.3 24.5
153 13.1 10.7 16.1





#49

Dimethylphthalate

Concen: 37.987 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA_F

ClientSampleId :

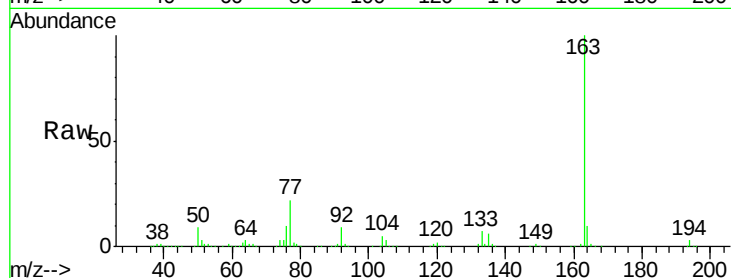
Tot Ion:163 Resp: 972414

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

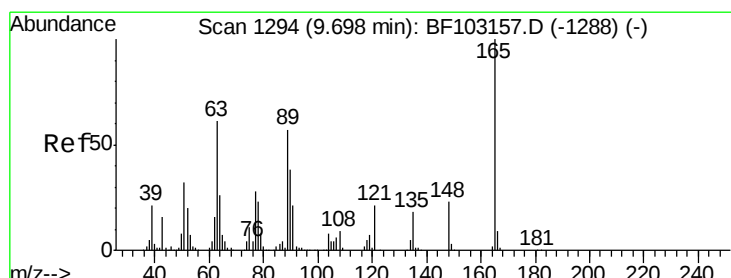
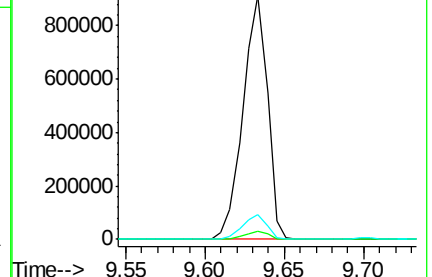
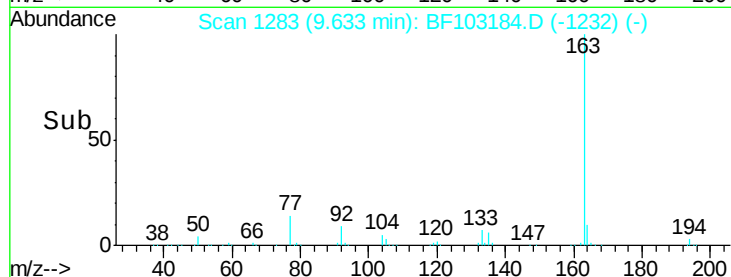
164 10.0 8.2 12.2



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: 39.623 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

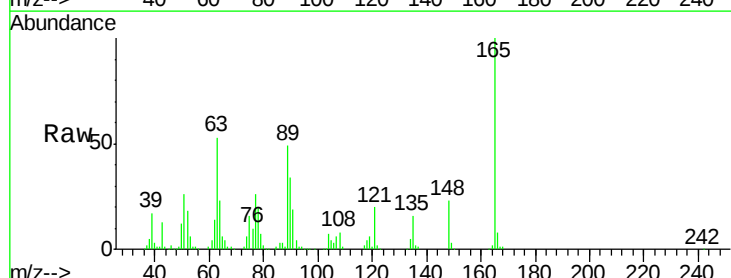
Tgt Ion:165 Resp: 212849

Ion Ratio Lower Upper

165 100

63 53.4 44.7 67.1

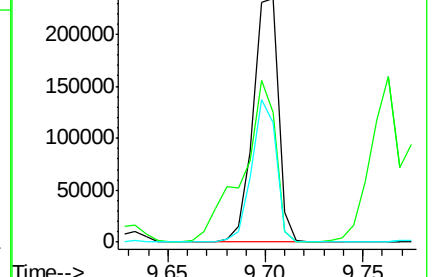
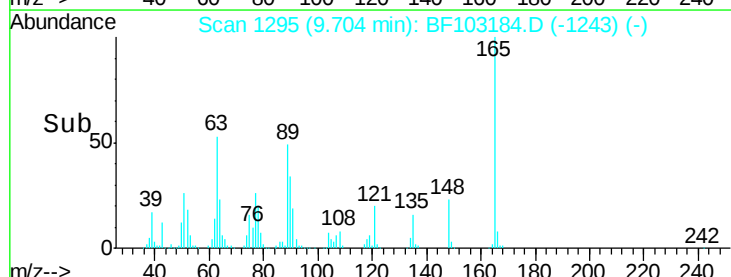
89 49.0 44.0 66.0

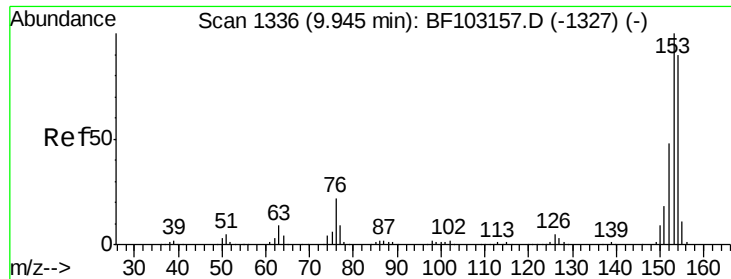


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.809 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA_F

ClientSampled :

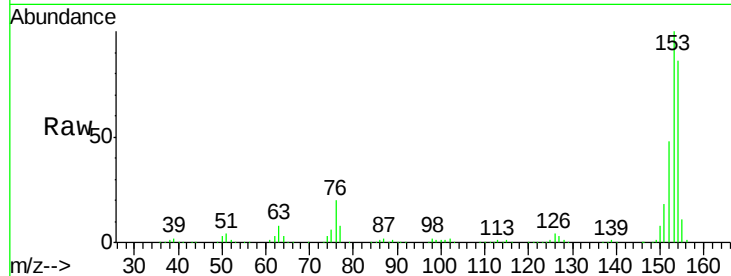
Tot Ion:154 Resp: 698586

Ion Ratio Lower Upper

154 100

153 115.6 91.2 136.8

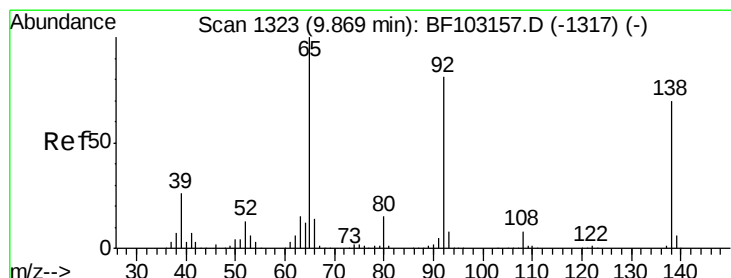
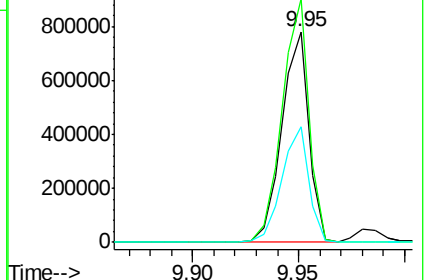
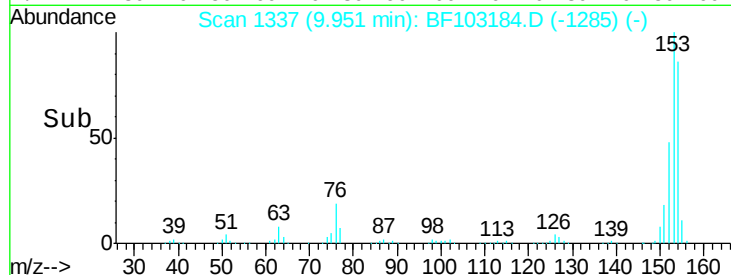
152 55.0 43.8 65.8



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: 39.308 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

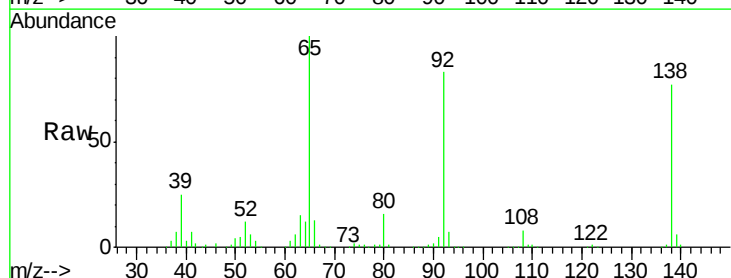
Tgt Ion:138 Resp: 267903

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

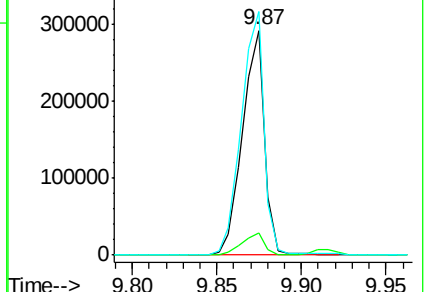
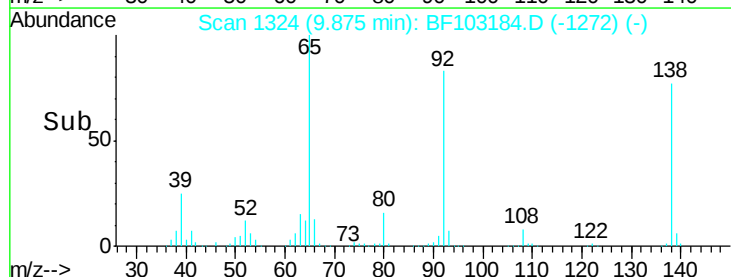
92 108.2 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

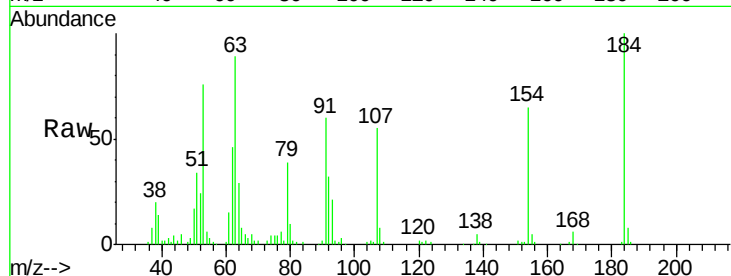




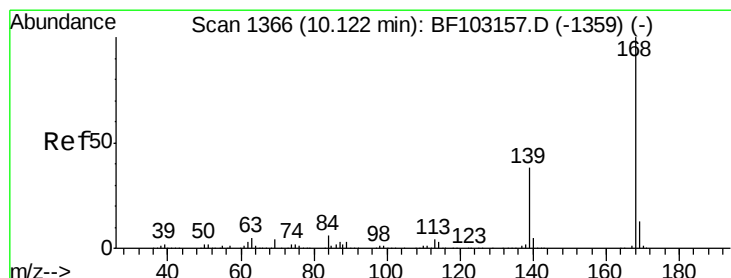
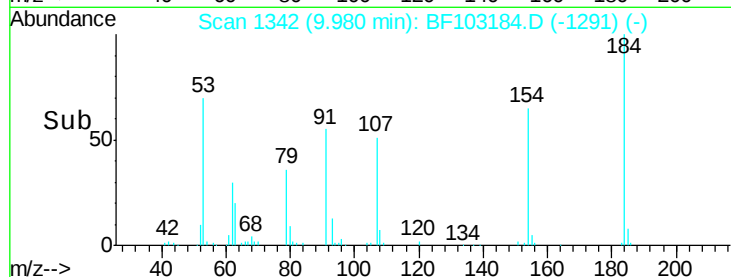
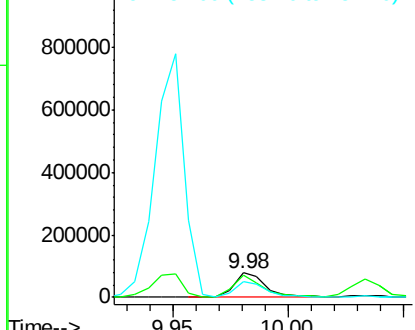
#53
 2,4-Dinitrophenol
 Concen: 44.458 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF103184.D
 Acq: 23 Feb 2018 8:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 76839
 Ion Ratio Lower Upper
 184 100
 63 89.3 54.2 81.2#
 154 65.2 184.0 276.0#

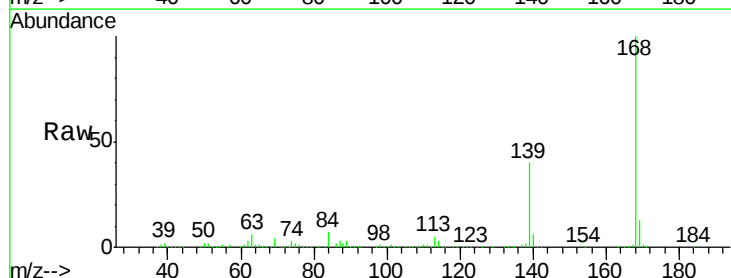


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

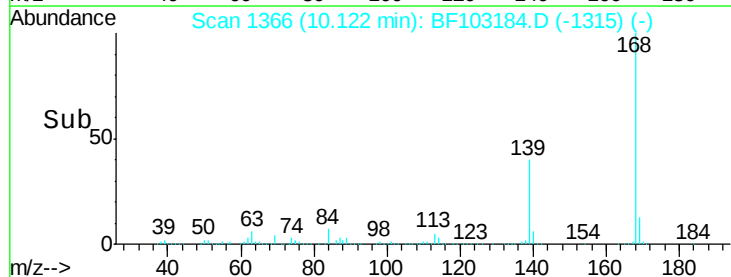
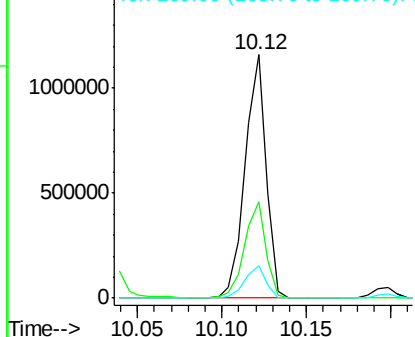


#54
 Dibenzofuran
 Concen: 38.888 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF103184.D
 Acq: 23 Feb 2018 8:27

Tgt Ion:168 Resp: 1013156
 Ion Ratio Lower Upper
 168 100
 139 39.8 30.1 45.1
 169 13.4 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

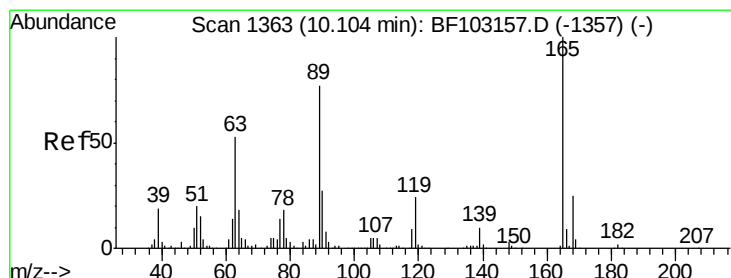
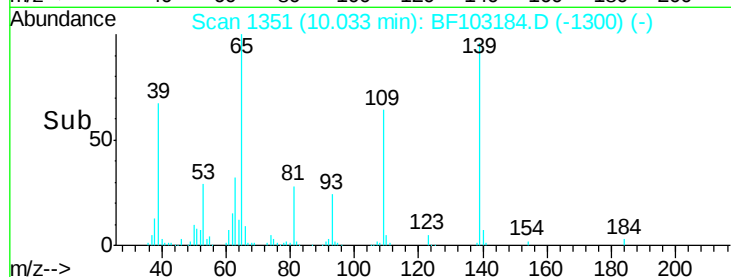
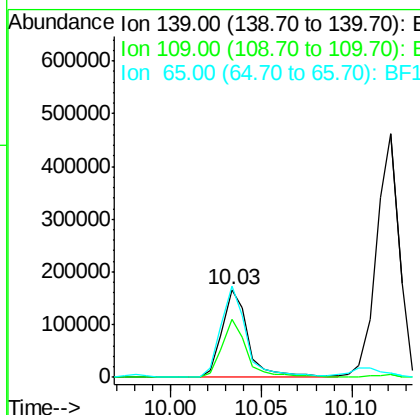
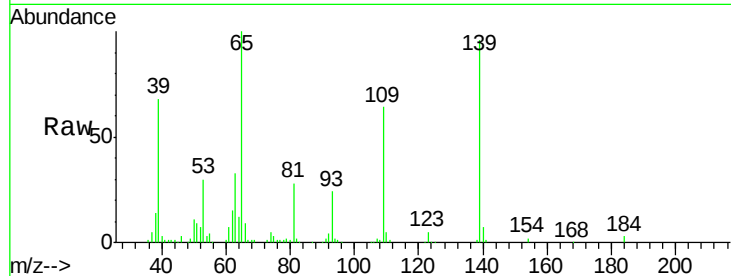




#55
4-Nitrophenol
Concen: 39.610 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

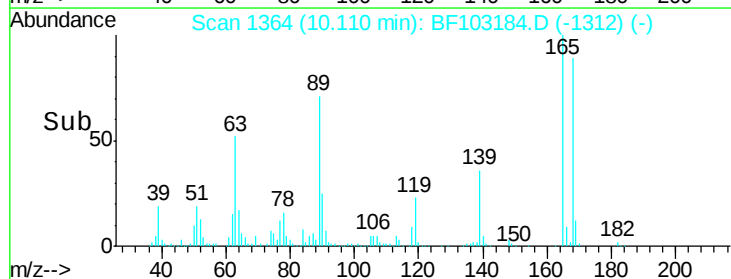
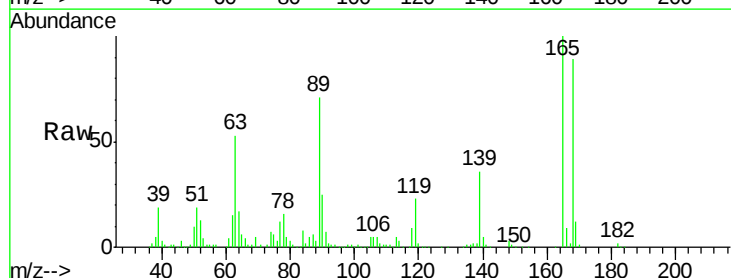
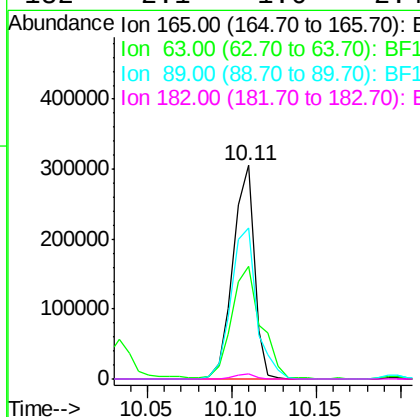
Instrument :
BNA_F
ClientSampleId :

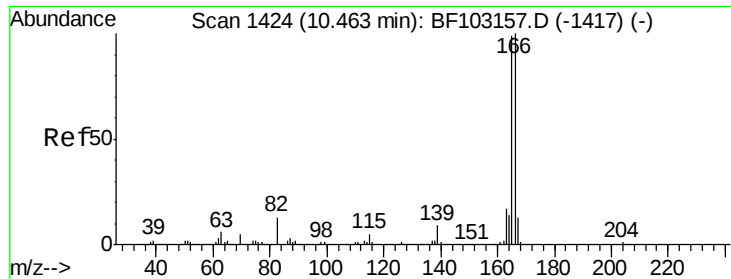
Tot Ion:139 Resp: 167312
Ion Ratio Lower Upper
139 100
109 66.5 48.4 88.4
65 104.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 39.513 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

Tgt Ion:165 Resp: 268449
Ion Ratio Lower Upper
165 100
63 52.6 36.4 54.6
89 70.8 57.8 86.6
182 2.1 1.6 2.4





#57

Fluorene

Concen: 36.007 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA_F

ClientSampleId :

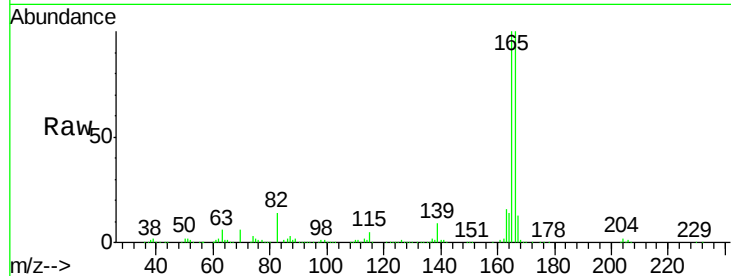
Tot Ion:166 Resp: 799136

Ion Ratio Lower Upper

166 100

165 99.6 79.8 119.8

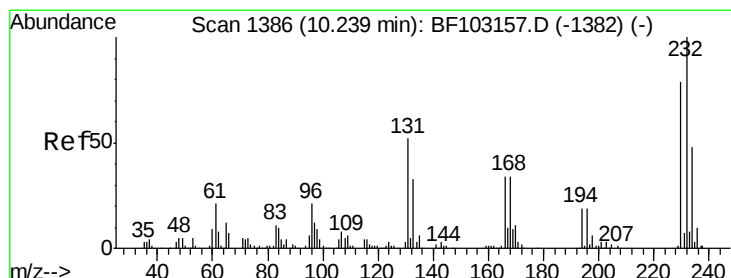
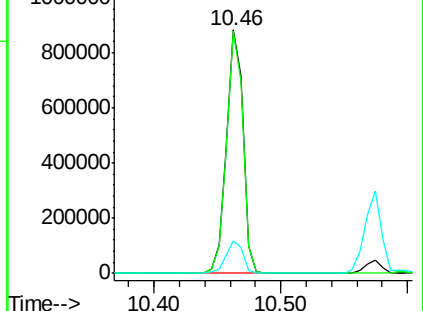
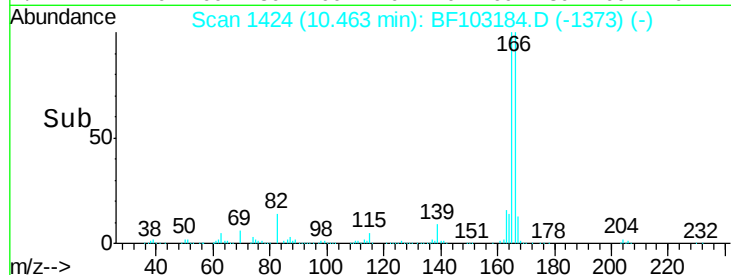
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.158 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Tgt Ion:232 Resp: 177590

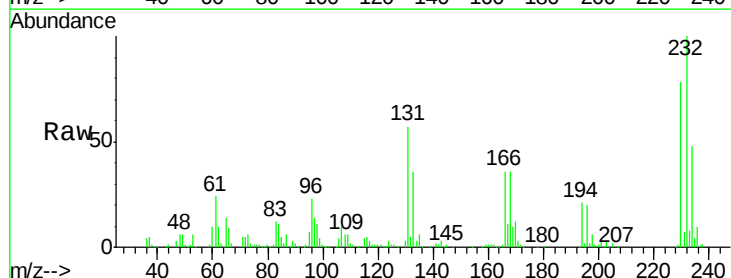
Ion Ratio Lower Upper

232 100

131 57.4 43.8 65.8

130 2.8 2.1 3.1

166 35.8 27.8 41.6

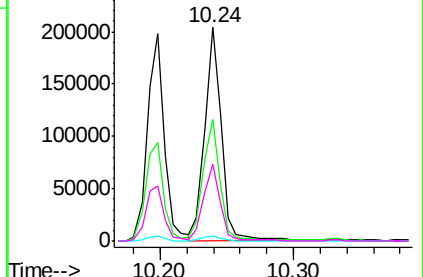
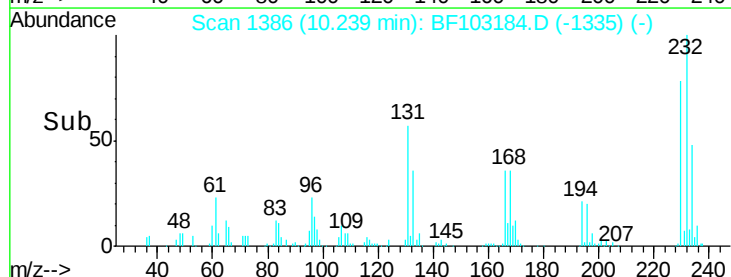


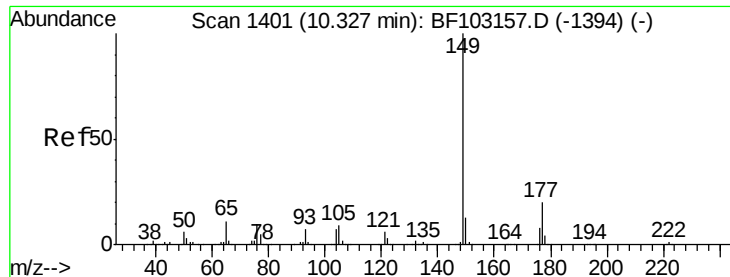
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

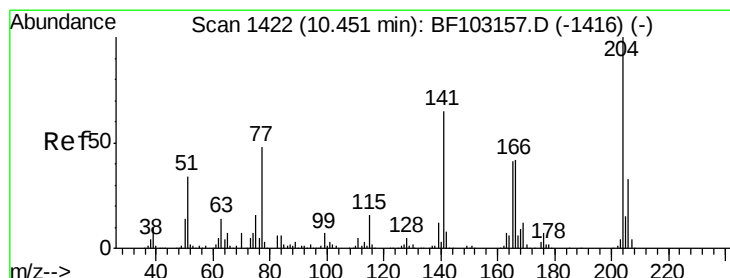
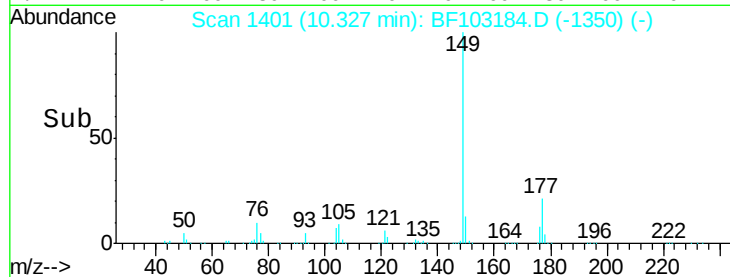
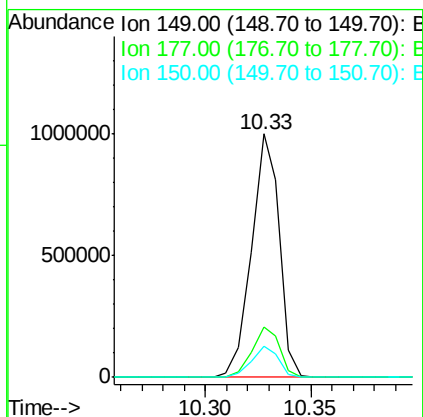
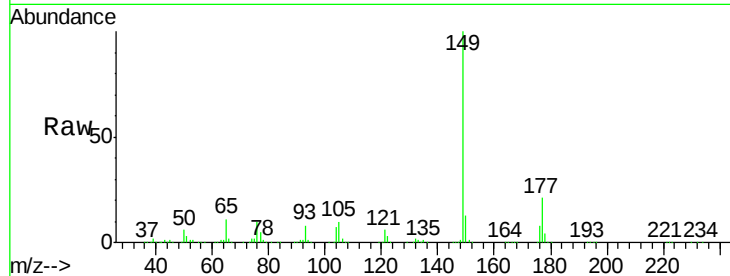




#59
Diethylphthalate
Concen: 37.253 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

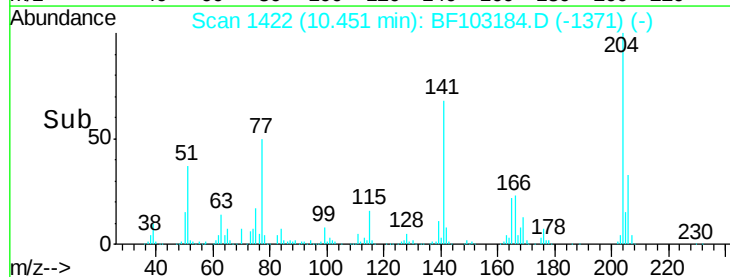
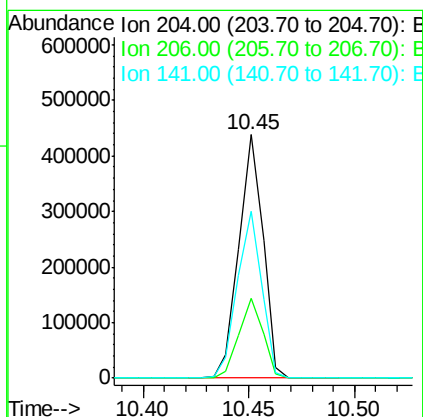
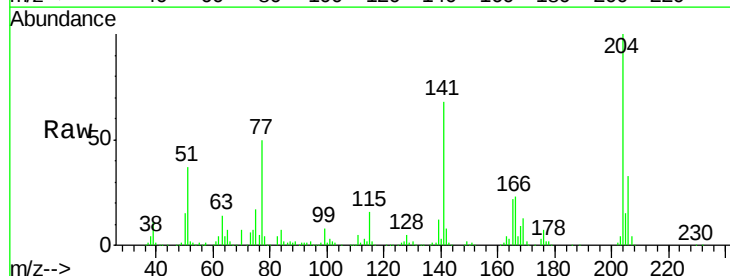
Instrument :
BNA_F
ClientSampled :

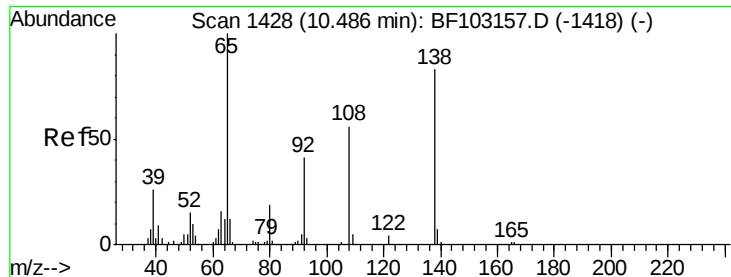
Tot Ion:149 Resp: 912064
Ion Ratio Lower Upper
149 100
177 20.6 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.027 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

Tgt Ion:204 Resp: 348479
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 68.4 54.6 81.8

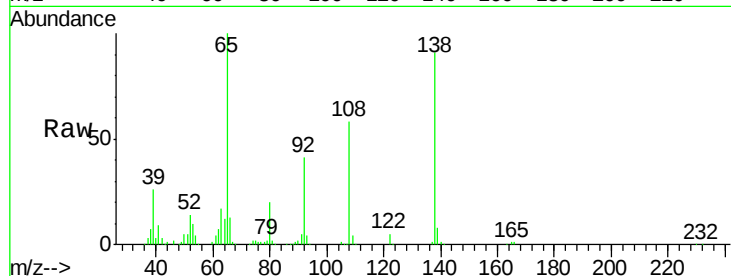




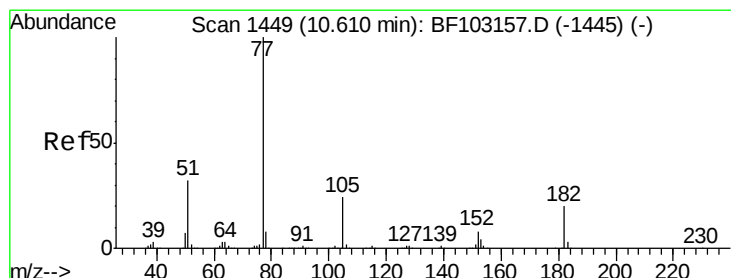
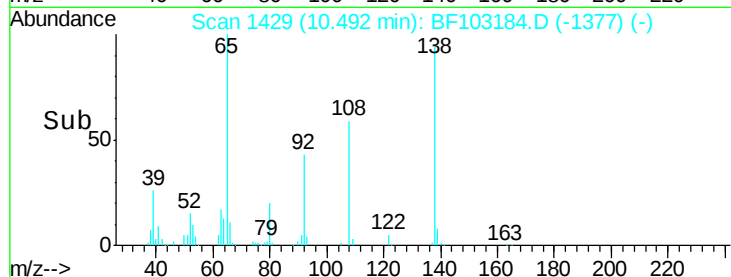
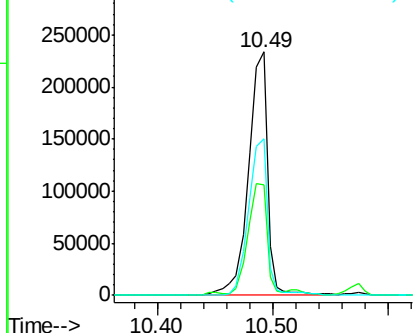
#61
4-Nitroaniline
Concen: 39.631 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 269786
Ion Ratio Lower Upper
138 100
92 45.5 30.2 70.2
108 64.2 52.5 92.5

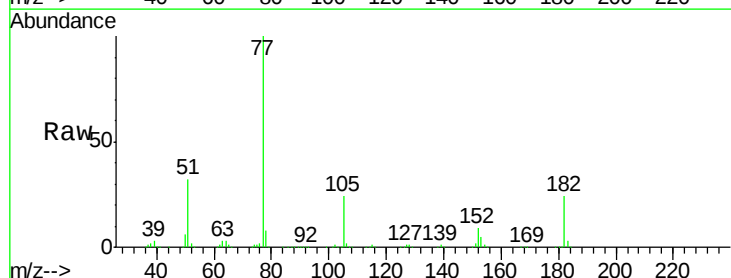


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

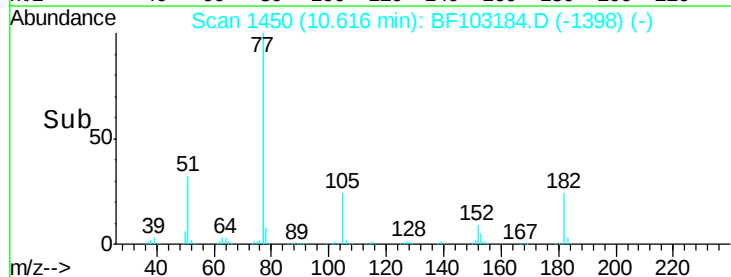
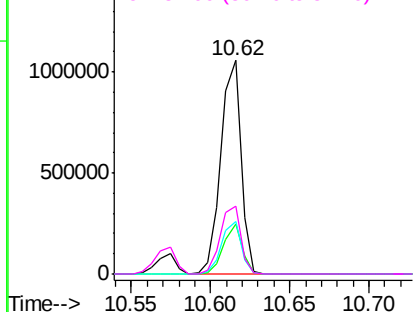


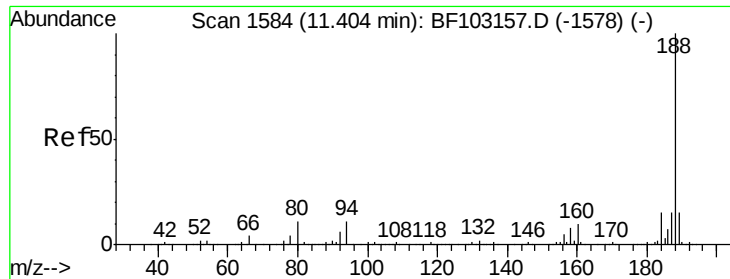
#62
Azobenzene
Concen: 37.569 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

Tgt Ion: 77 Resp: 936250
Ion Ratio Lower Upper
77 100
182 23.7 1.7 41.7
105 24.3 3.0 43.0
51 31.8 9.9 49.9



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

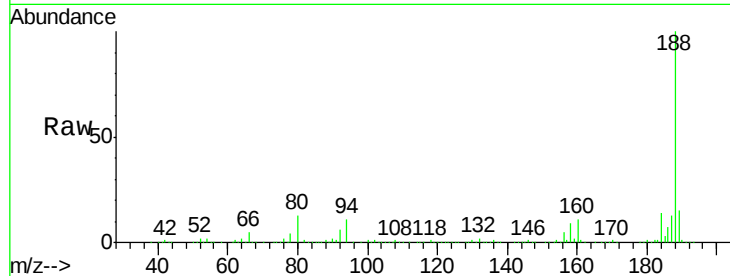




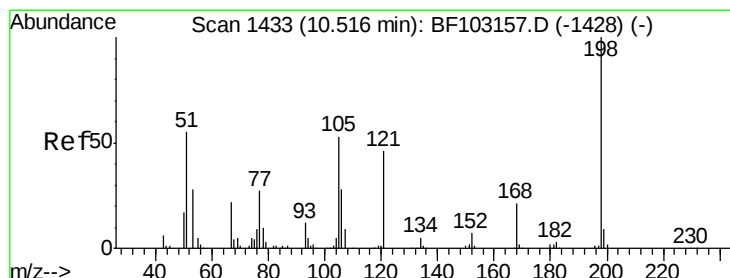
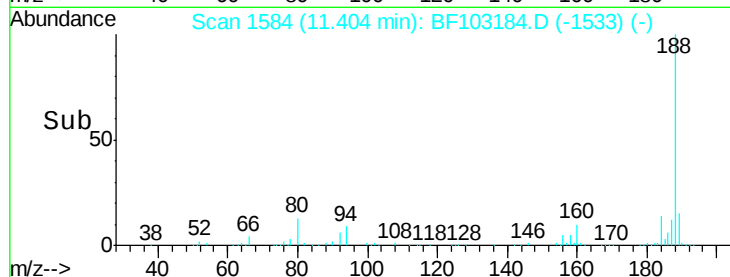
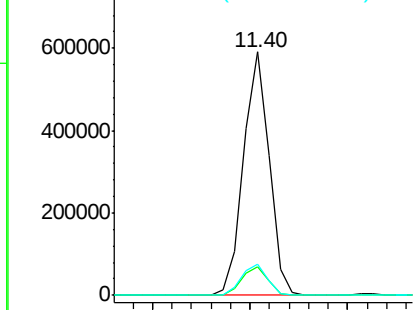
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF103184.D
 Acq: 23 Feb 2018 8:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 540716
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.5 12.7
 80 12.8 9.2 13.8

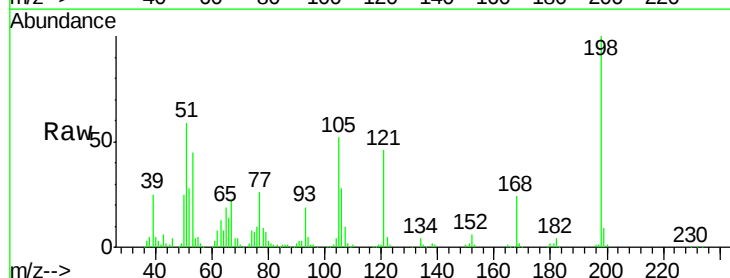


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

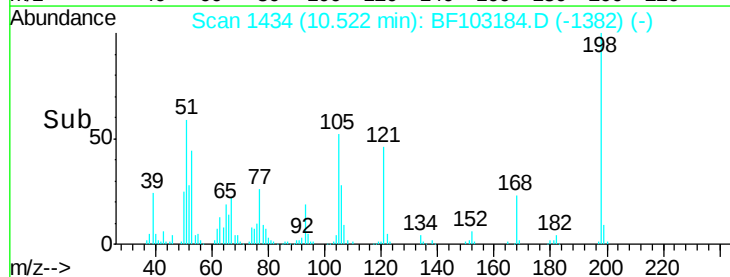
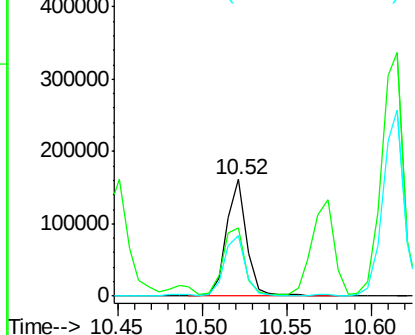


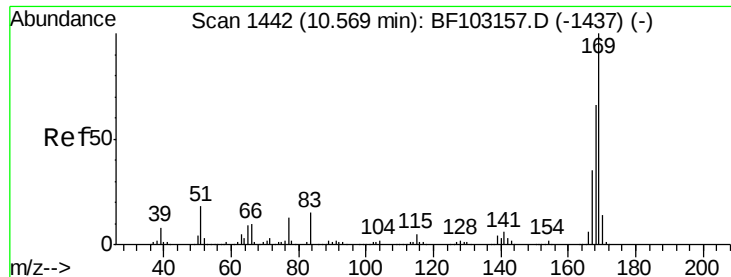
#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.741 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF103184.D
 Acq: 23 Feb 2018 8:27

Tgt Ion:198 Resp: 134965
 Ion Ratio Lower Upper
 198 100
 51 58.9 37.7 77.7
 105 51.6 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: 38.099 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA_F

ClientSampleId :

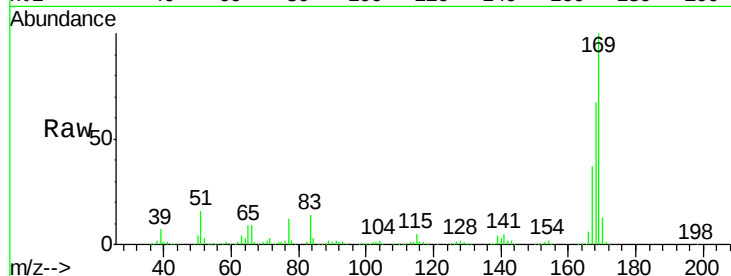
Tot Ion:169 Resp: 717282

Ion Ratio Lower Upper

169 100

168 66.7 54.4 81.6

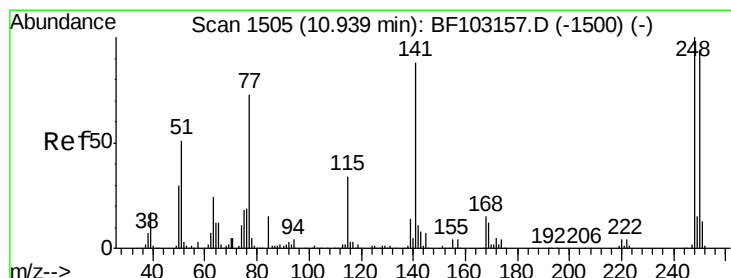
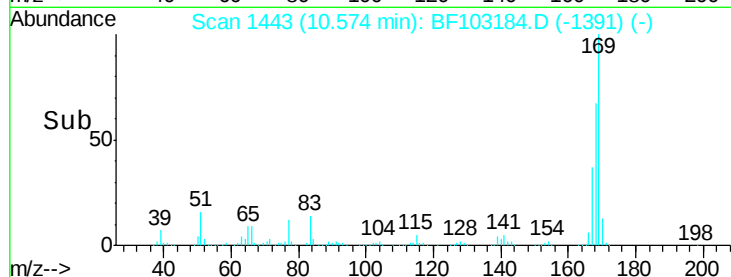
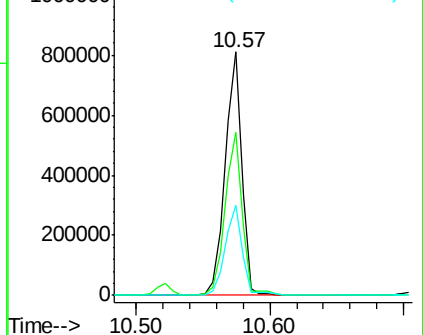
167 37.0 29.8 44.6



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: 38.682 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

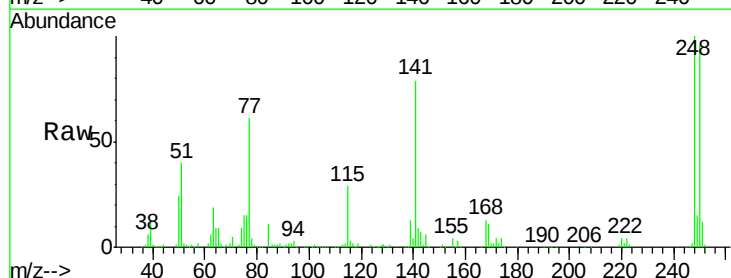
Tgt Ion:248 Resp: 217883

Ion Ratio Lower Upper

248 100

250 96.1 76.9 115.3

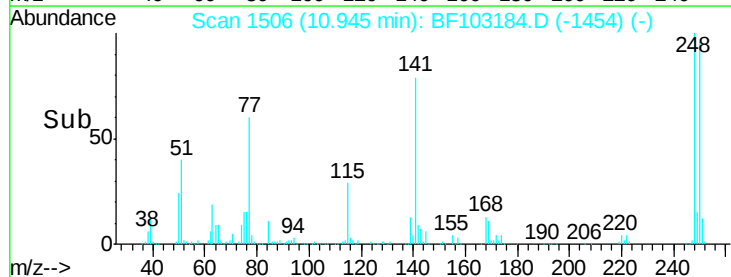
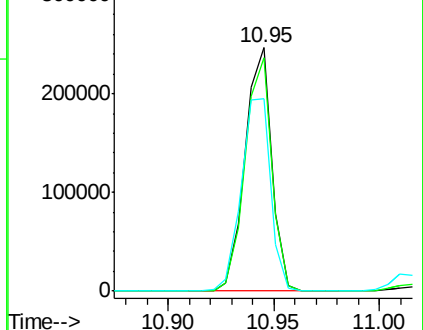
141 78.9 74.4 111.6

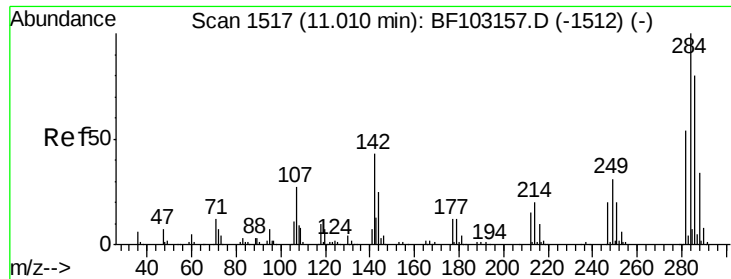


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

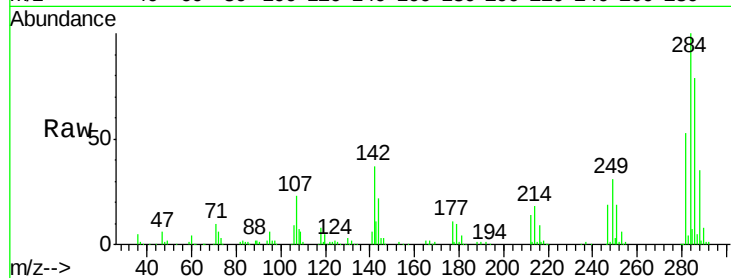




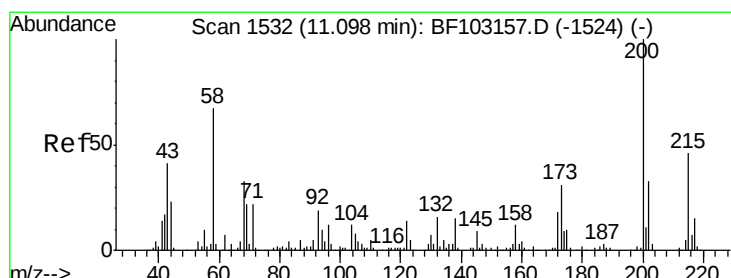
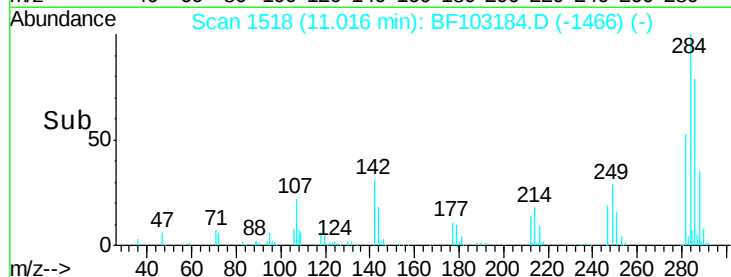
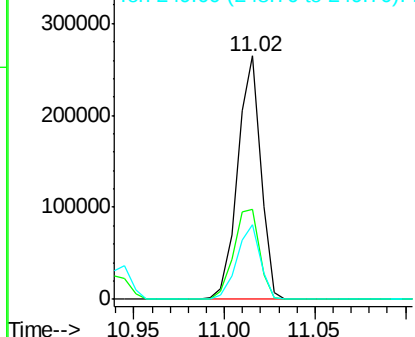
#67
Hexachlorobenzene
Concen: 38.293 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 234112
Ion Ratio Lower Upper
284 100
142 36.9 34.6 52.0
249 30.7 24.8 37.2

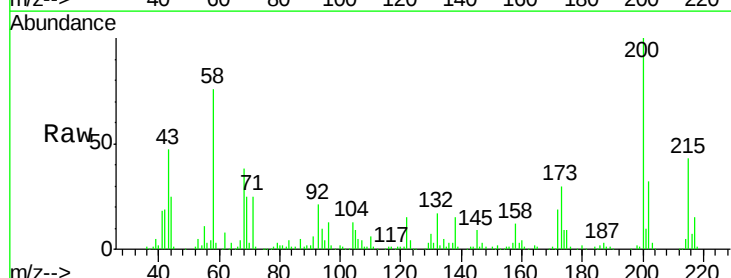


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

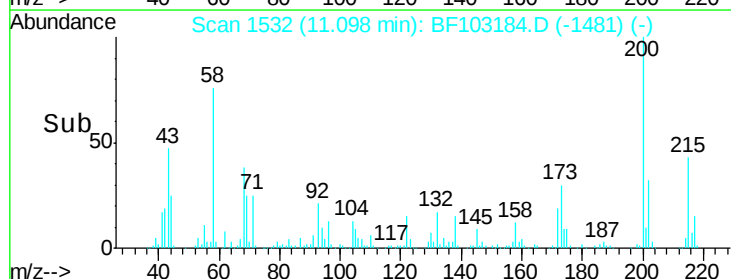
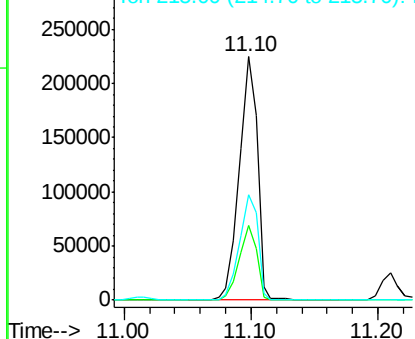


#68
Atrazine
Concen: 38.877 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

Tgt Ion:200 Resp: 219999
Ion Ratio Lower Upper
200 100
173 30.4 8.6 48.6
215 43.2 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

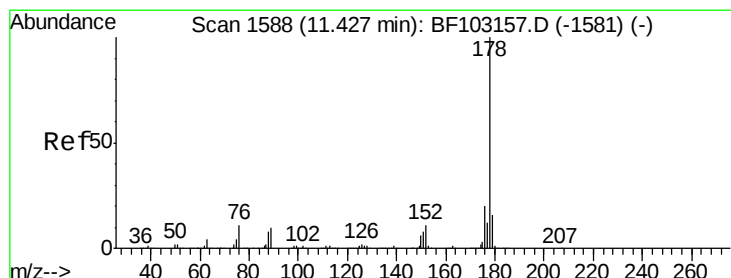
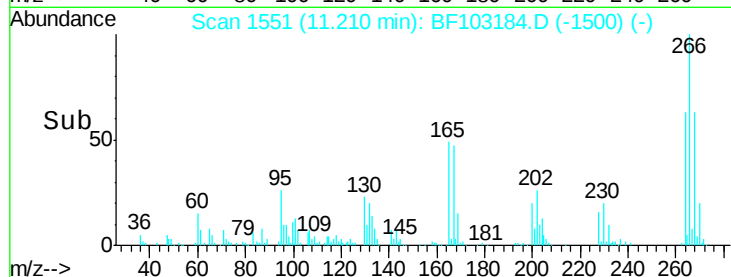
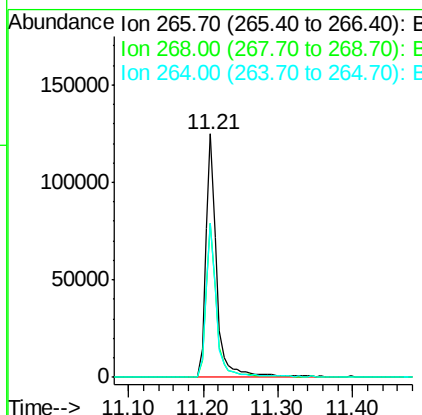
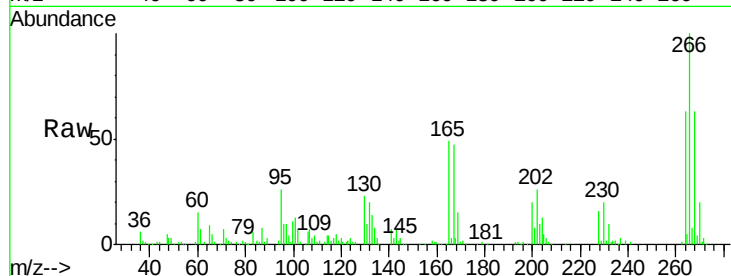




#69
 Pentachlorophenol
 Concen: 43.075 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF103184.D
 Acq: 23 Feb 2018 8:27

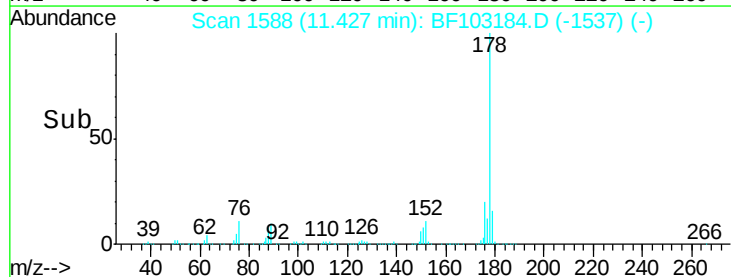
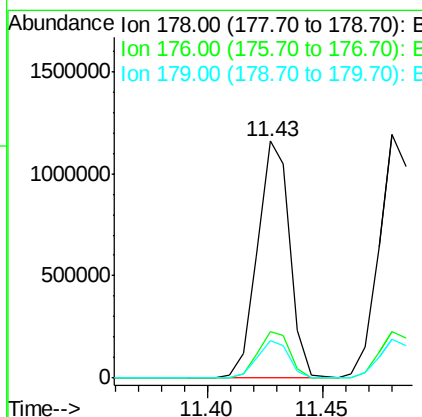
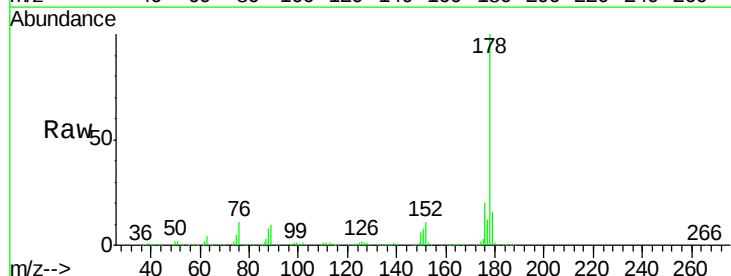
Instrument :
 BNA_F
 ClientSampleId :

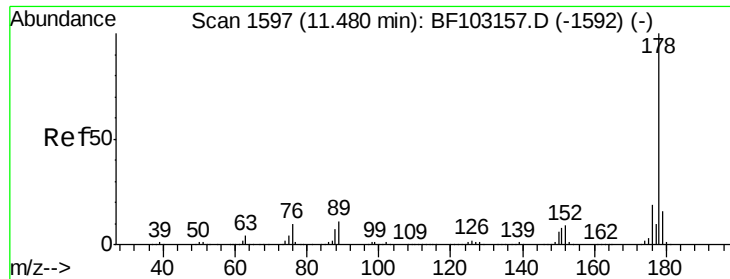
Tot Ion:266 Resp: 127332
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 63.2 49.5 74.3



#70
 Phenanthrene
 Concen: 37.921 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF103184.D
 Acq: 23 Feb 2018 8:27

Tgt Ion:178 Resp: 1128420
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.6 13.0 19.6

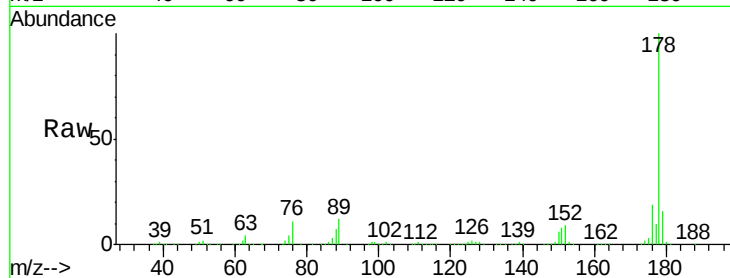




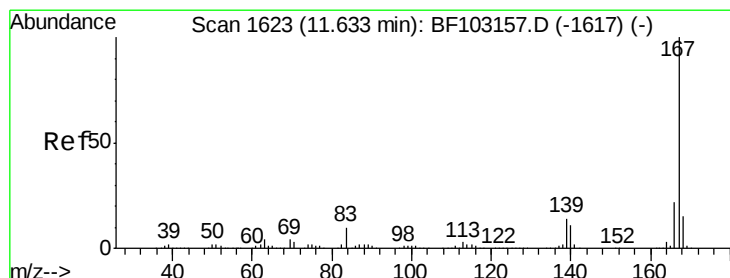
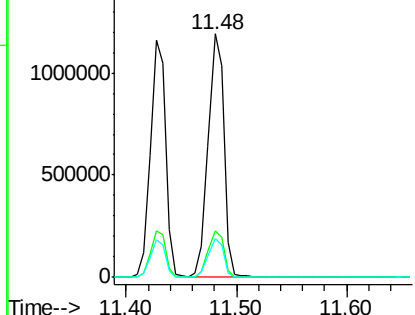
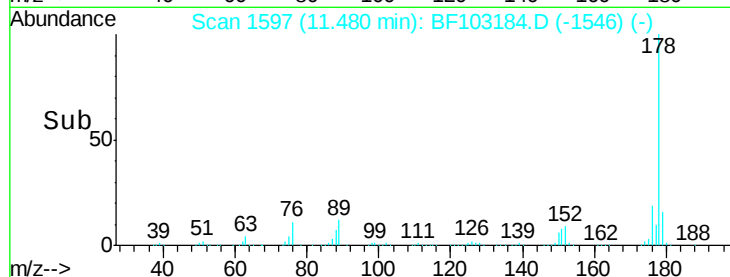
#71
 Anthracene
 Concen: 37.564 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF103184.D
 Acq: 23 Feb 2018 8:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1146236
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.9 12.6 19.0

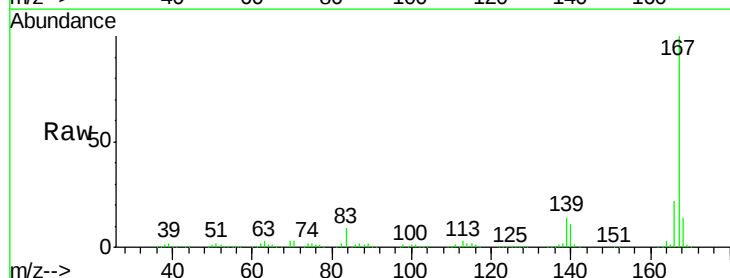


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

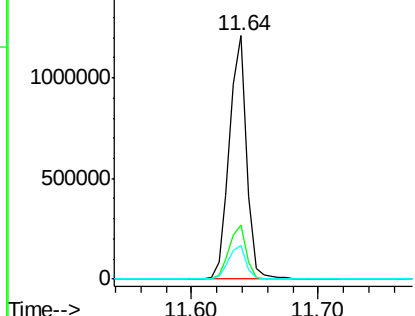
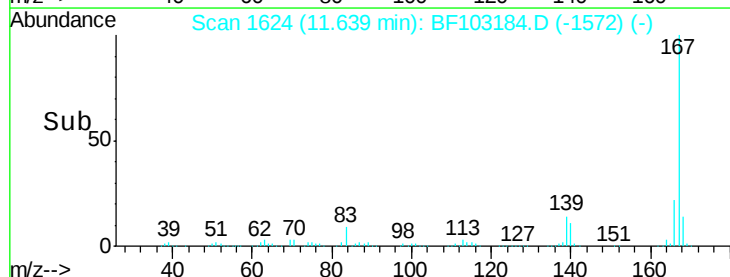


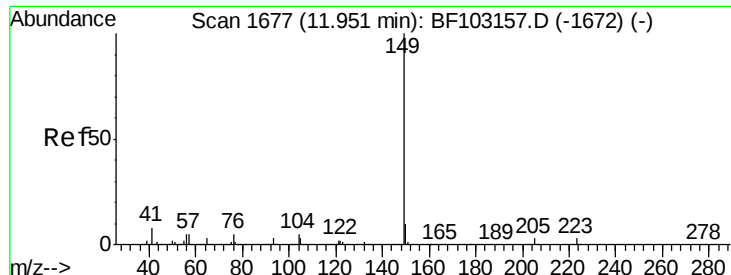
#72
 Carbazole
 Concen: 37.376 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF103184.D
 Acq: 23 Feb 2018 8:27

Tgt Ion:167 Resp: 1135734
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.284 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA_F

ClientSampleId :

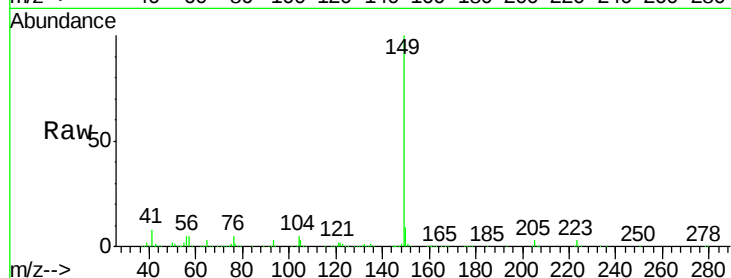
Tot Ion:149 Resp: 1417647

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

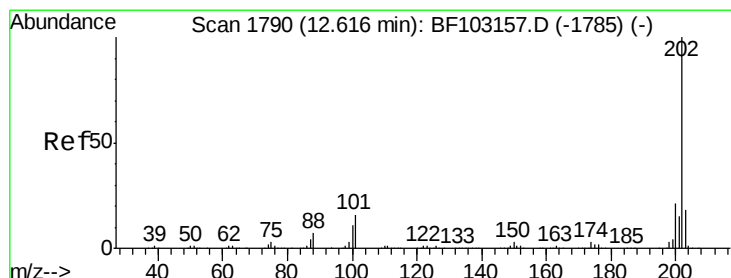
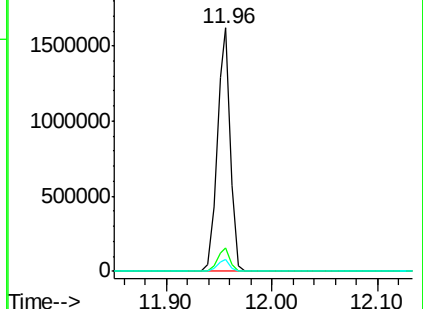
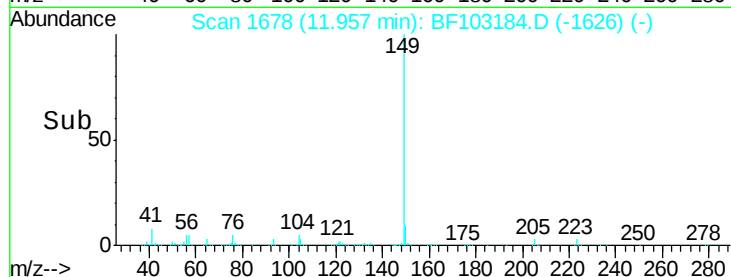
104 4.8 3.8 5.8



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: 37.641 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

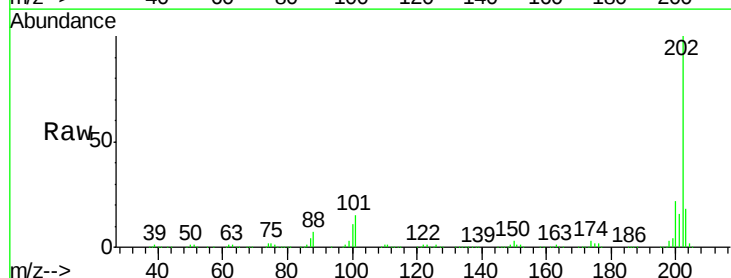
Tgt Ion:202 Resp: 1125585

Ion Ratio Lower Upper

202 100

101 15.0 0.0 34.1

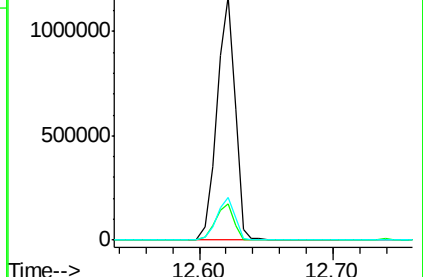
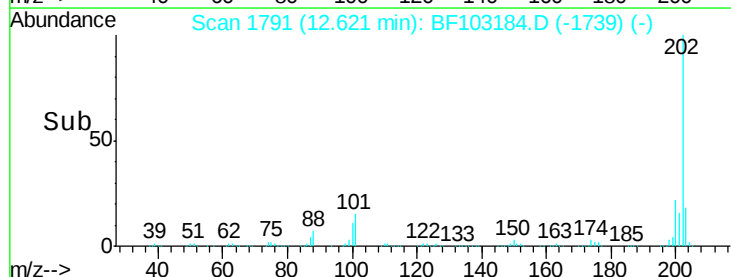
203 17.6 0.0 38.1

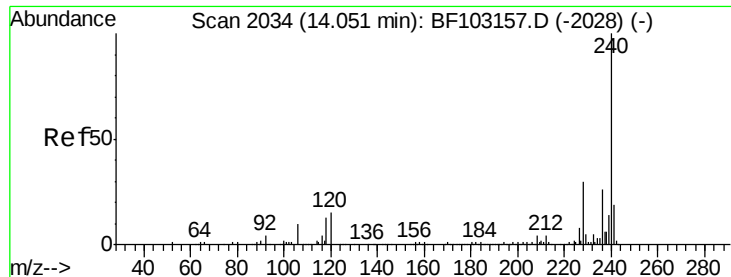


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA_F

ClientSampleID :

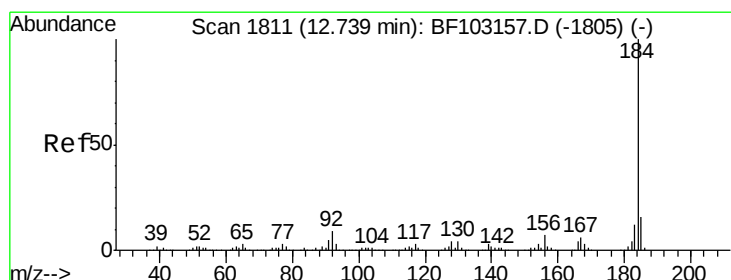
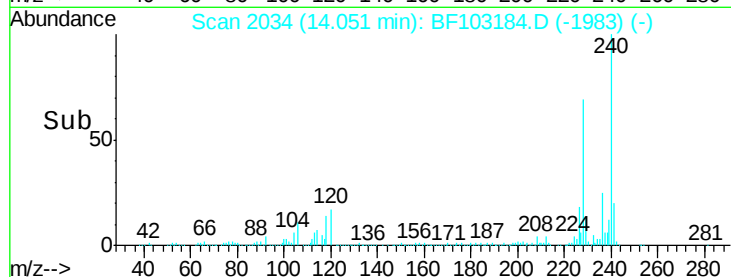
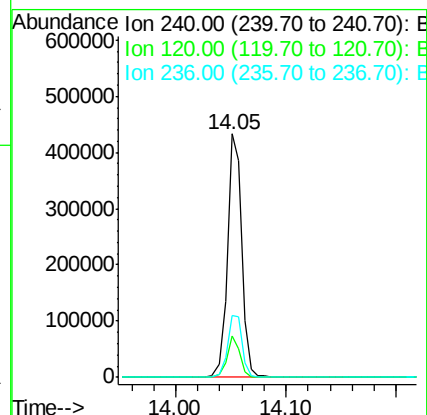
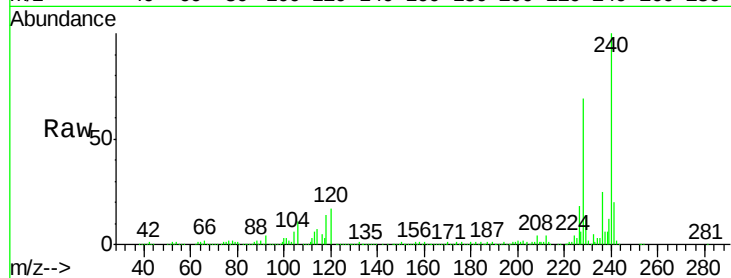
Tot Ion:240 Resp: 391319

Ion Ratio Lower Upper

240 100

120 17.0 9.5 14.3#

236 25.5 20.7 31.1



#76

Benzidine

Concen: 37.792 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

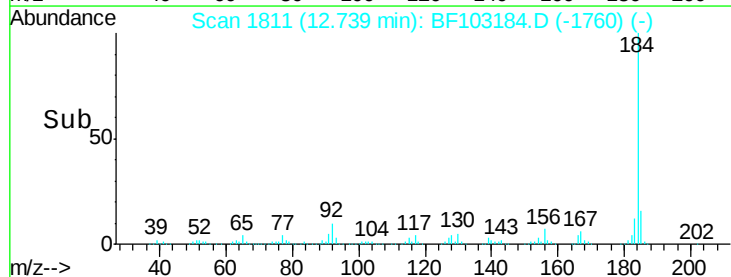
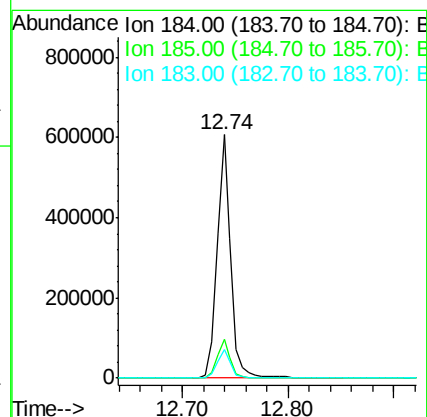
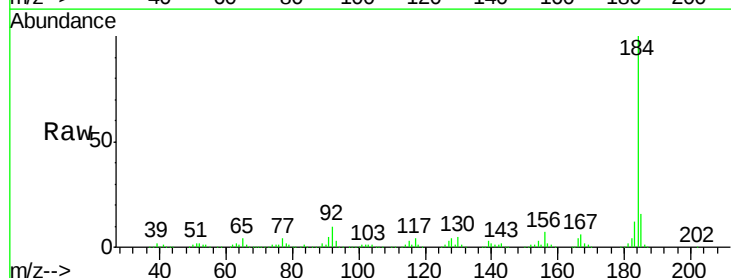
Tgt Ion:184 Resp: 552882

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

183 11.8 9.3 13.9





#77

Pvrene

Concen: 38.169 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA_F

ClientSampleId :

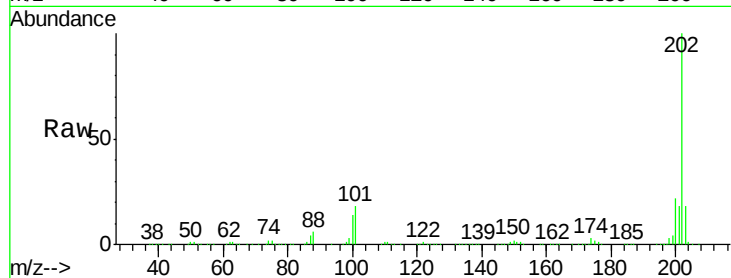
Tot Ion:202 Resp: 1164515

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

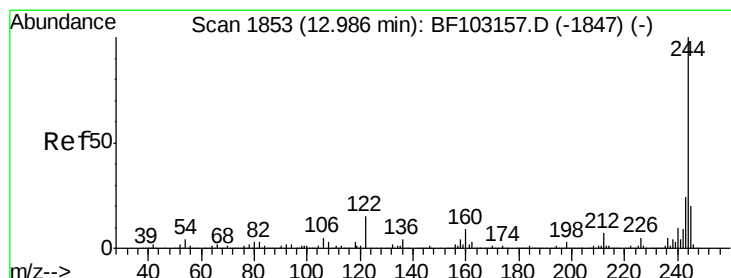
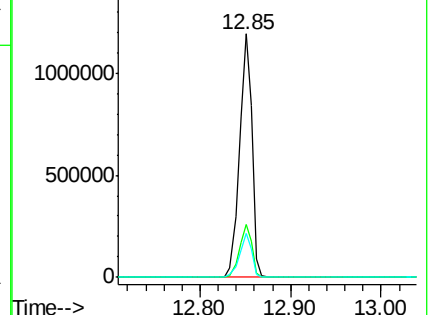
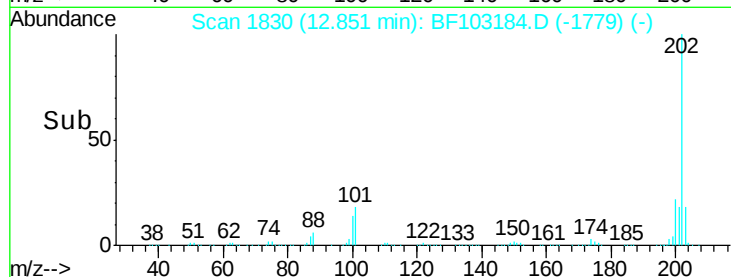
203 17.8 14.3 21.5



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: 72.318 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

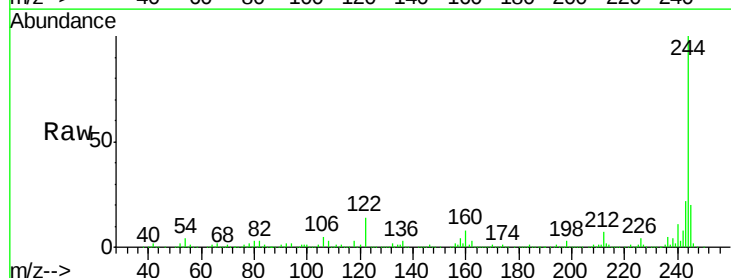
Tgt Ion:244 Resp: 1177239

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

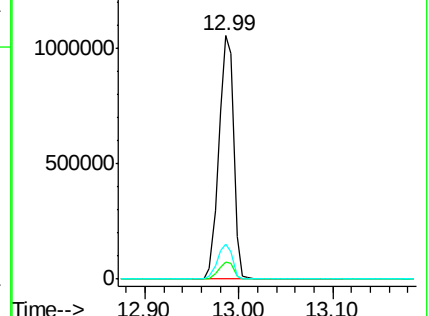
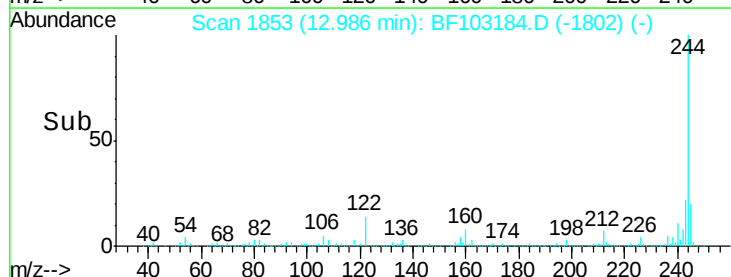
122 14.4 11.0 16.4

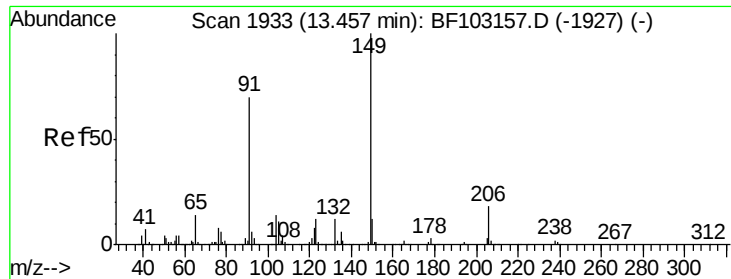


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

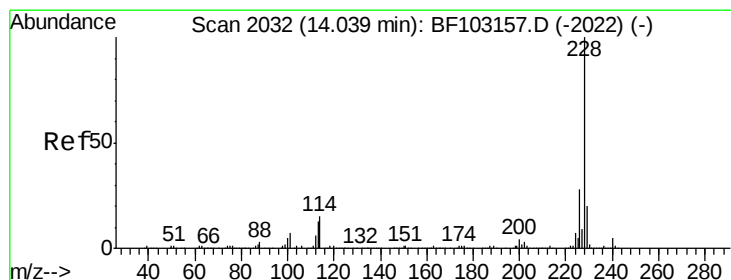
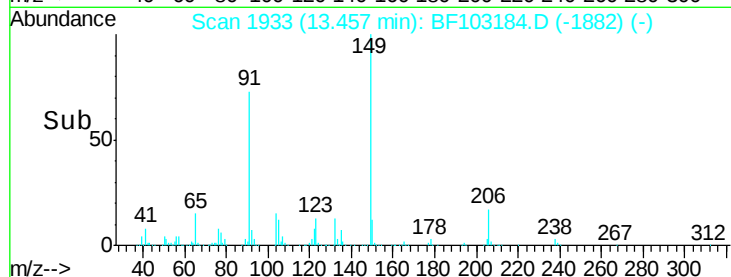
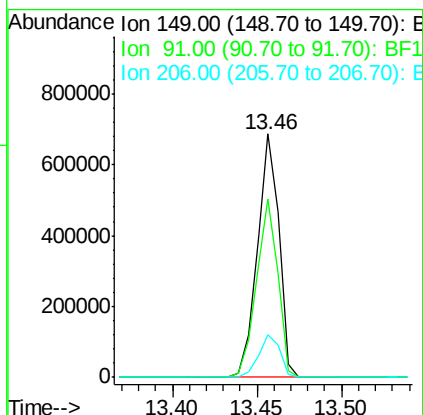
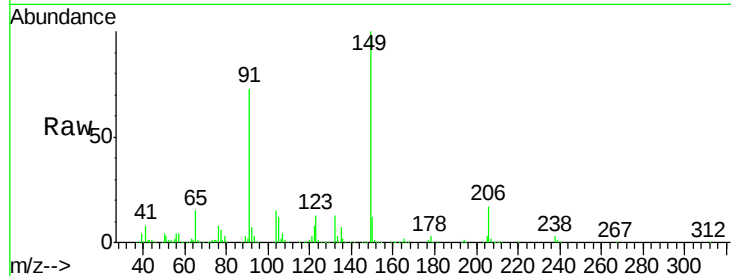




#79
Butylbenzylphthalate
Concen: 37.942 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

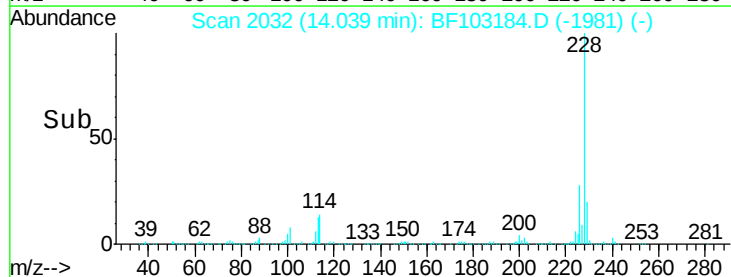
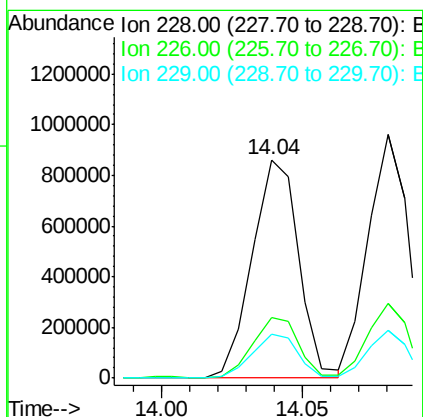
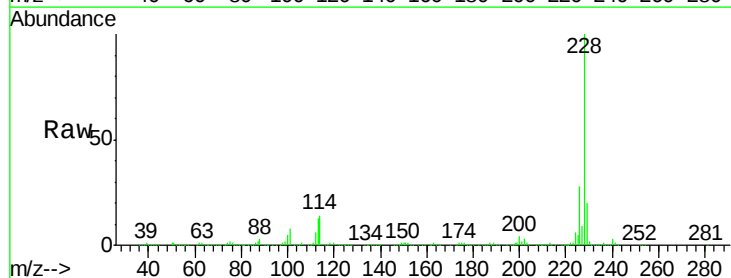
Instrument :
BNA_F
ClientSampleId :

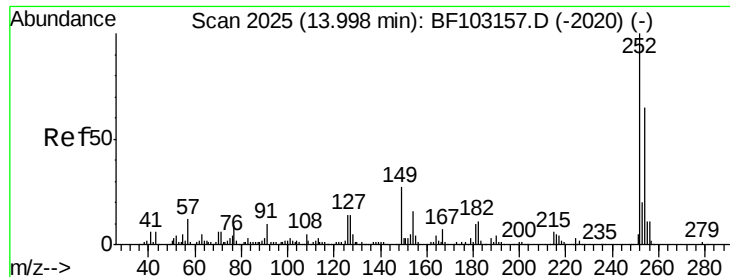
Tot Ion:149 Resp: 611601
Ion Ratio Lower Upper
149 100
91 73.5 56.8 85.2
206 17.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.923 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

Tgt Ion:228 Resp: 988259
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.3 15.8 23.6

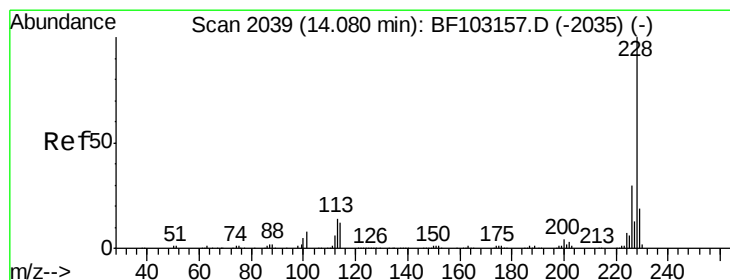
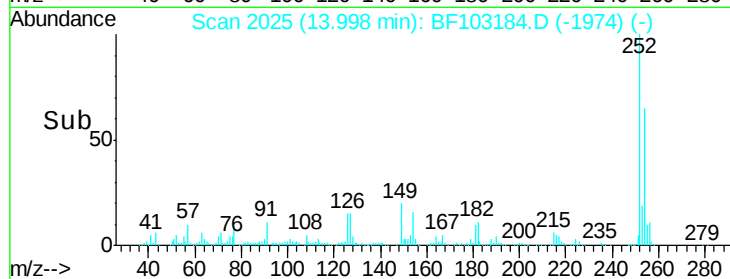
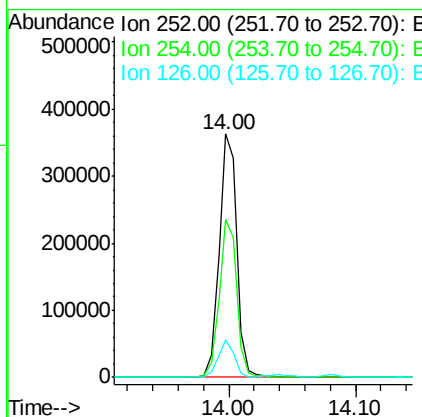
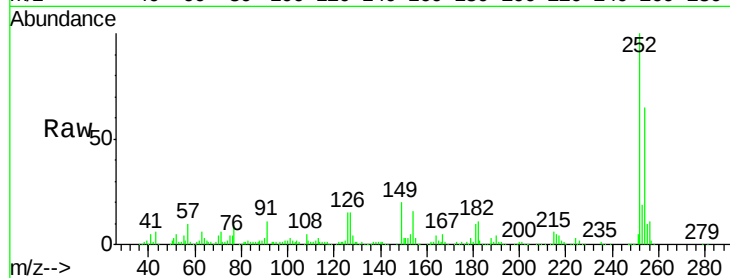




#81
 3,3'-Dichlorobenzidine
 Concen: 39.143 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF103184.D
 Acq: 23 Feb 2018 8:27

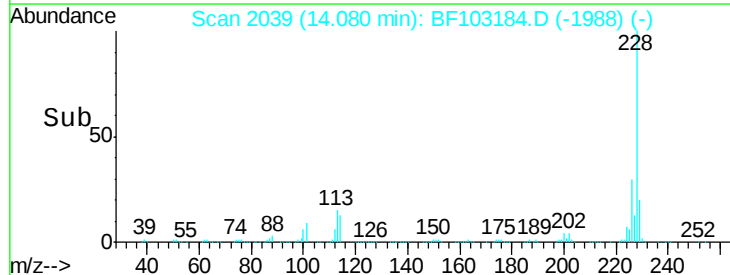
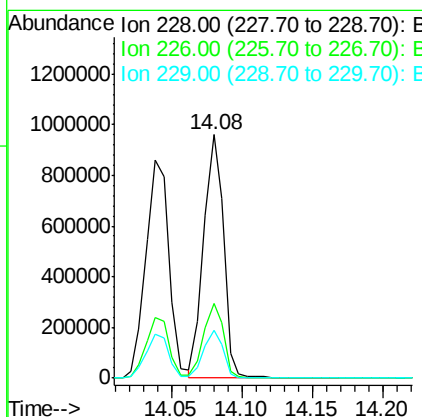
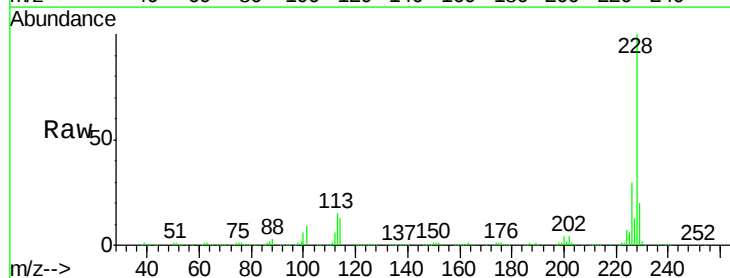
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	15.3	11.3	16.9



#82
 Chrysene
 Concen: 38.219 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BF103184.D
 Acq: 23 Feb 2018 8:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.8	16.2	24.4

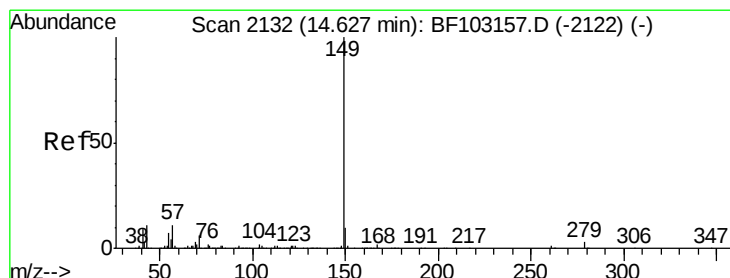
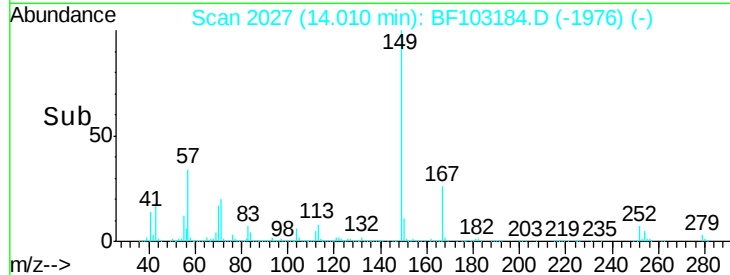
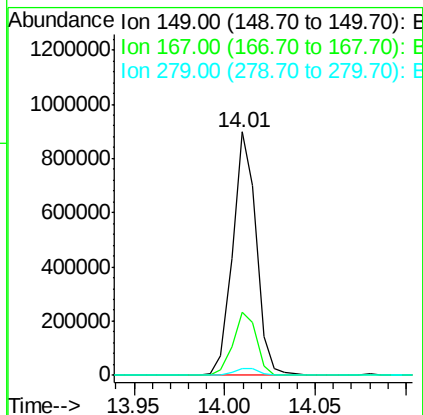
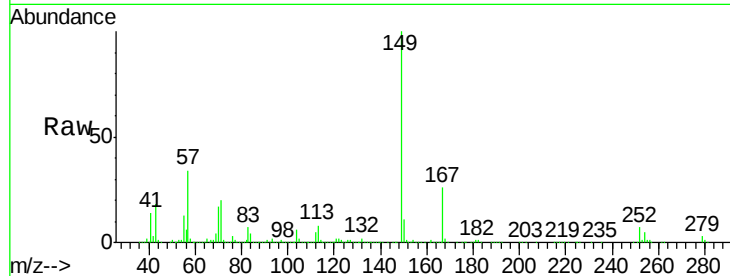




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.264 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF103184.D
 Acq: 23 Feb 2018 8:27

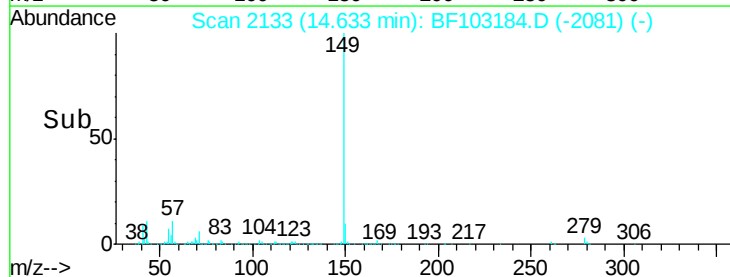
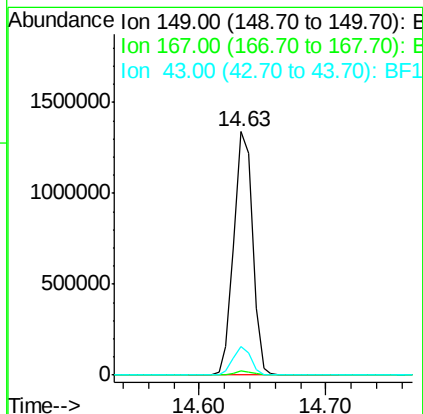
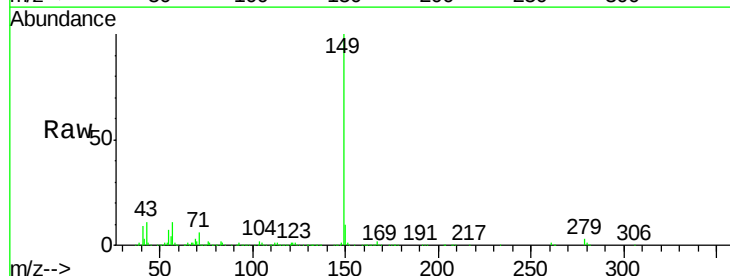
Instrument :
 BNA_F
 ClientSampleId :

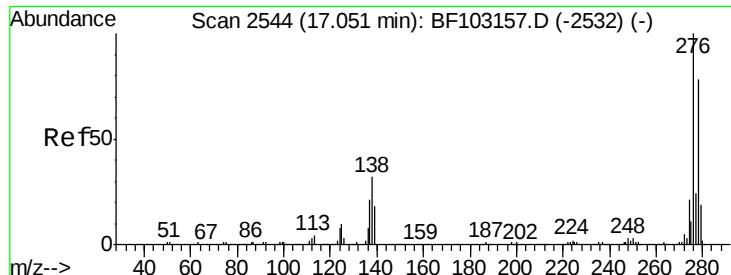
Tot Ion:149 Resp: 810587
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 3.0 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 38.713 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. 0.01 min
 Lab File: BF103184.D
 Acq: 23 Feb 2018 8:27

Tgt Ion:149 Resp: 1360584
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.1 8.4 12.6

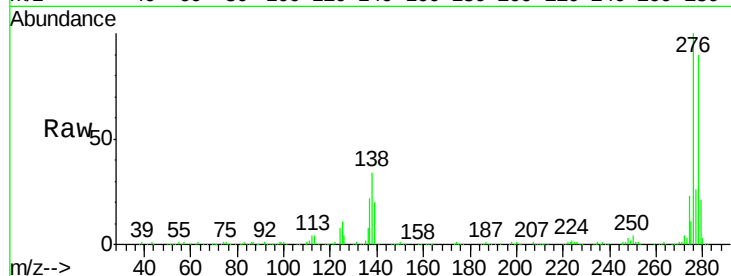




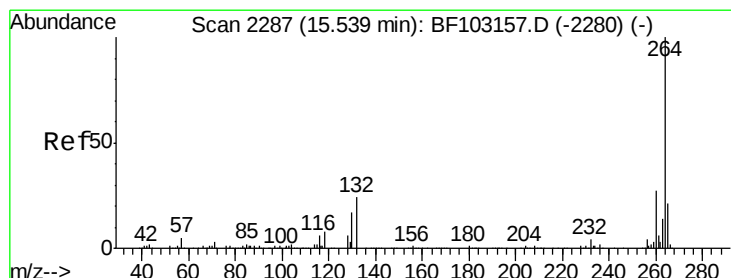
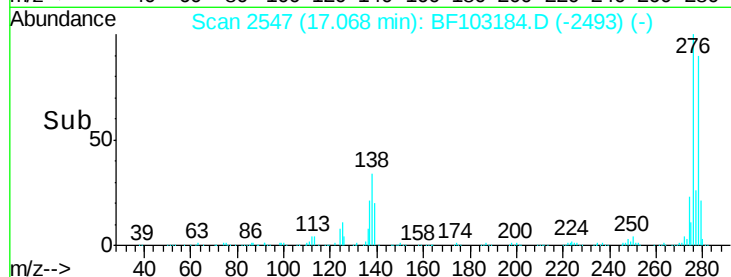
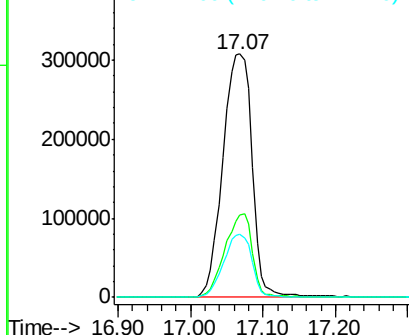
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.373 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.02 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 866050
Ion Ratio Lower Upper
276 100
138 32.4 25.0 37.6
277 25.0 20.1 30.1

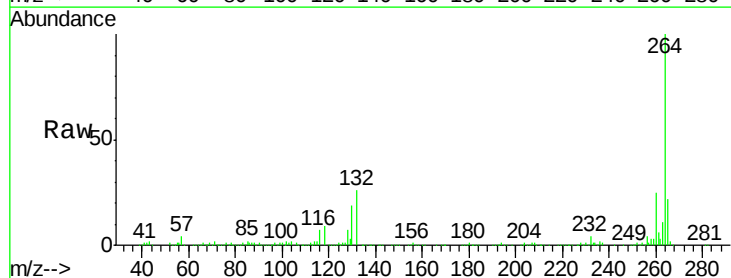


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

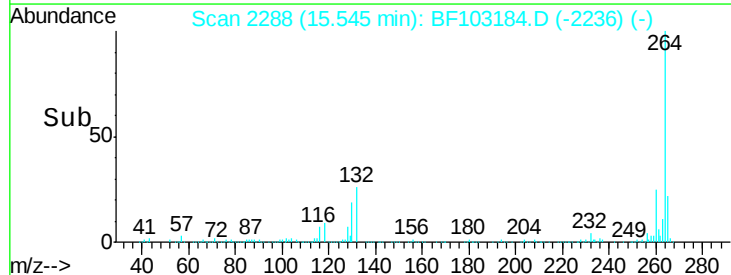
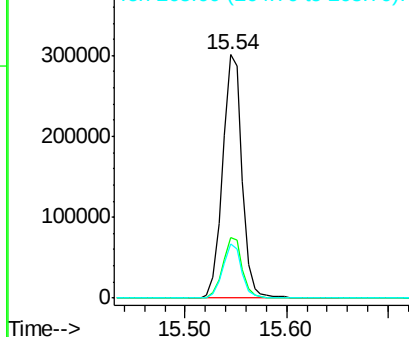


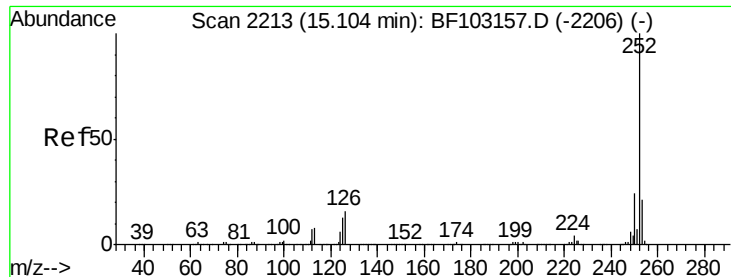
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

Tgt Ion:264 Resp: 399362
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 22.2 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: 39.137 ng

RT: 15.11 min Scan# 2214

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA_F

ClientSampleId :

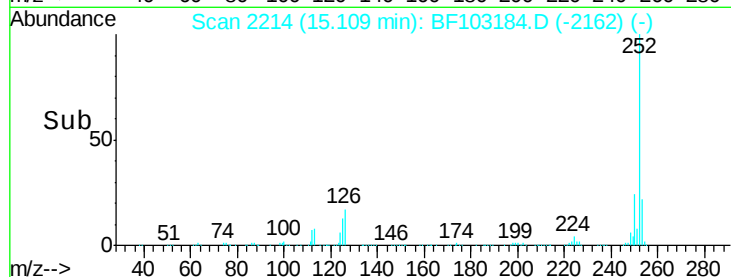
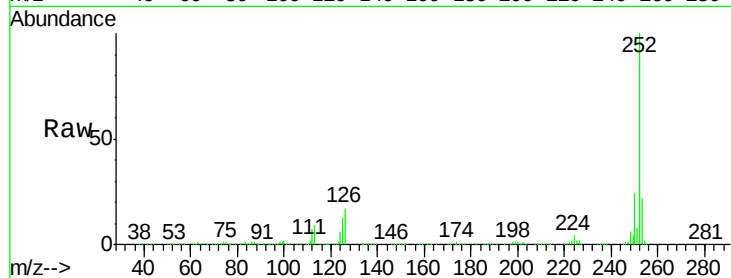
Tot Ion:252 Resp: 1027635

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

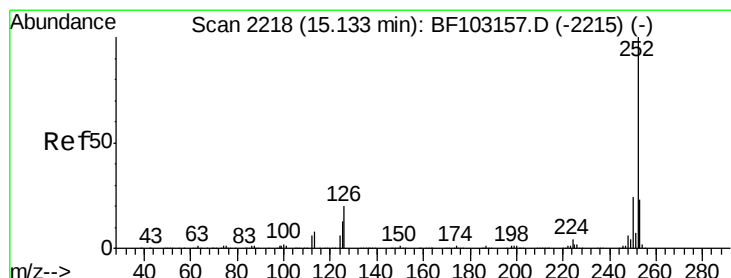
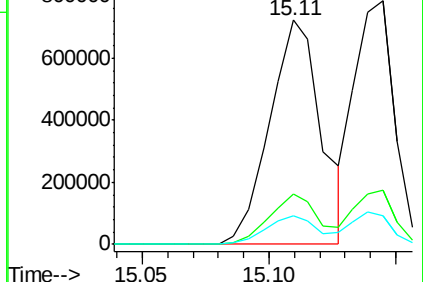
125 12.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.500 ng

RT: 15.14 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

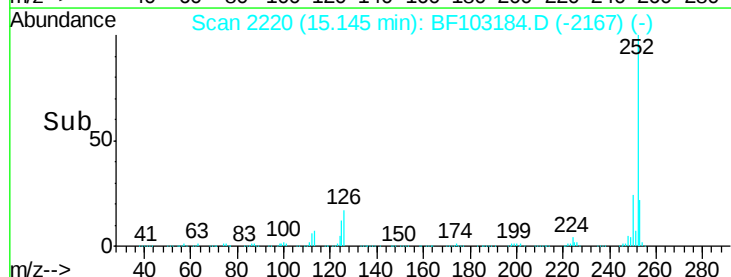
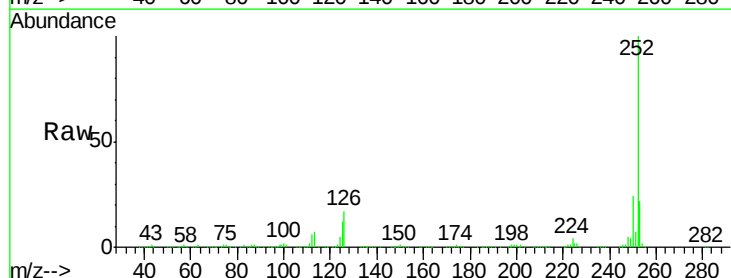
Tgt Ion:252 Resp: 877760

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

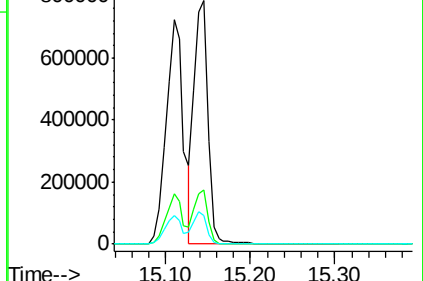
125 11.6 10.2 15.2

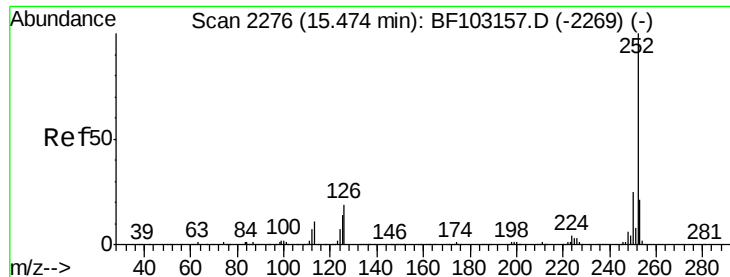


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

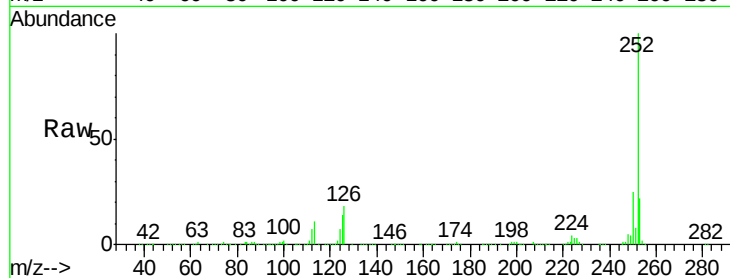




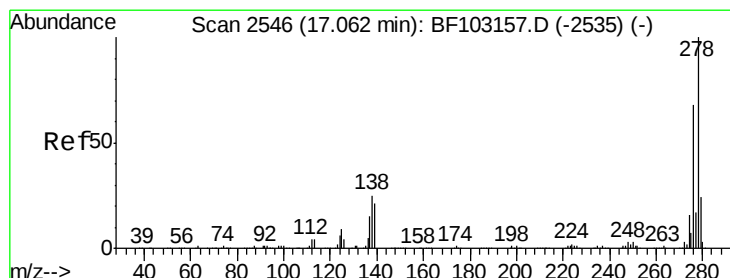
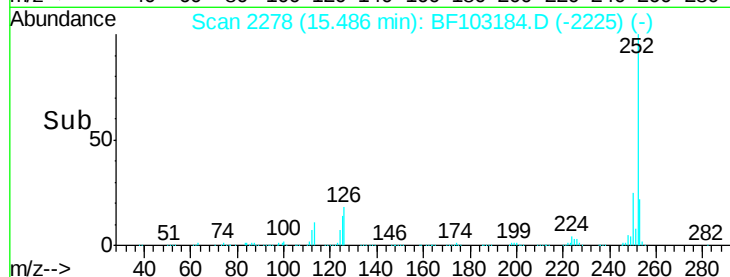
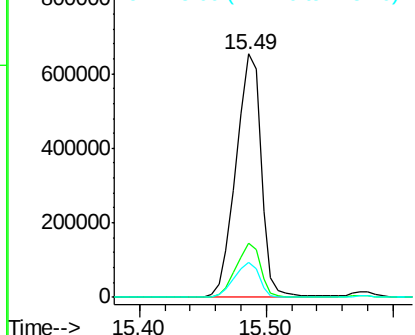
#89
Benzo(a)pyrene
Concen: 38.378 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 899892
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 14.5 9.8 14.6

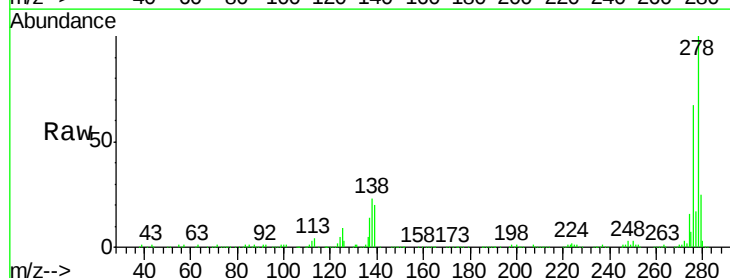


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

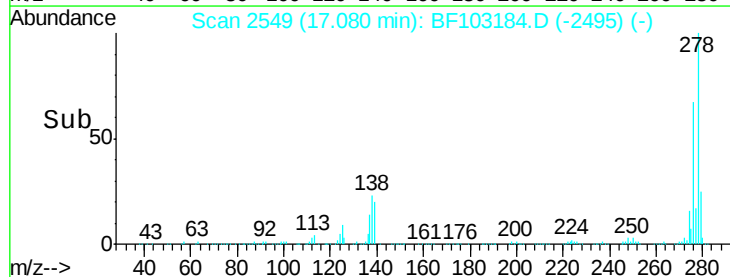
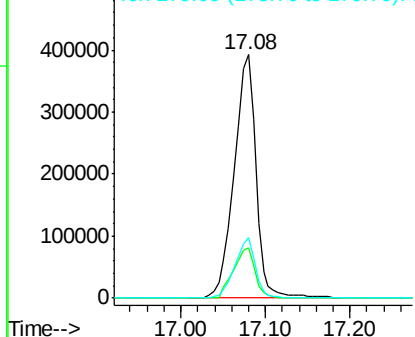


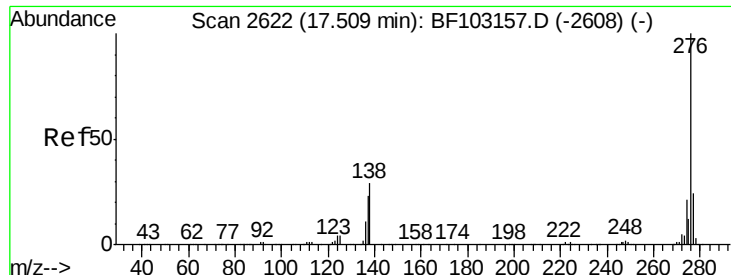
#90
Dibenzo(a,h)anthracene
Concen: 38.451 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.02 min
Lab File: BF103184.D
Acq: 23 Feb 2018 8:27

Tgt Ion:278 Resp: 696680
Ion Ratio Lower Upper
278 100
139 20.5 15.9 23.9
279 24.6 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: 41.234 ng

RT: 17.53 min Scan# 2625

Delta R.T. 0.02 min

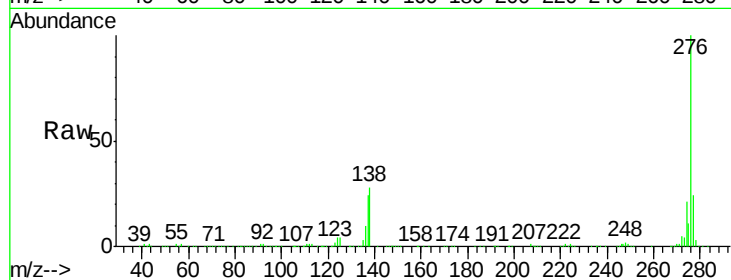
Lab File: BF103184.D

Acq: 23 Feb 2018 8:27

Instrument :

BNA_F

ClientSampleId :



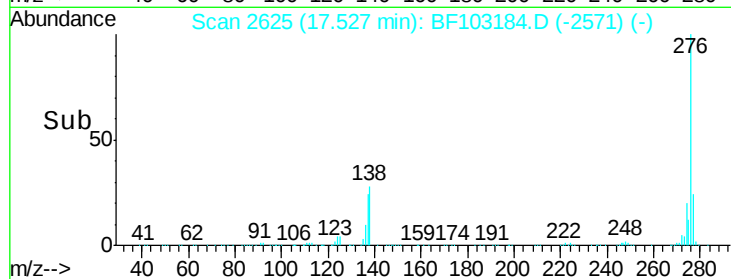
Tot Ion: 276 Resp: 730184

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 28.1 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

