

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021618\
 Data File : BF103043.D
 Acq On : 16 Feb 2018 11:11
 Operator : SJ/JU
 Sample : PB106576BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 13:36:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	200138	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	844933	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	389890	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	671109	20.00	ng	0.00
75) Chrysene-d12	14.06	240	466999	20.00	ng	0.00
86) Perylene-d12	15.54	264	412362	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1400458	106.27	ng	0.02
7) Phenol-d6	6.52	99	1697501	106.98	ng	0.00
23) Nitrobenzene-d5	7.45	82	1112261	91.32	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	360534	114.89	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1740234	74.06	ng	0.00
78) Terphenyl-d14	12.99	244	1576246	79.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	230595	35.426	ng	88
3) Pyridine	3.53	79	668698	37.183	ng	94
4) n-Nitrosodimethylamine	3.48	42	317903	41.316	ng	99
6) Aniline	6.55	93	549139	23.434	ng	95
8) 2-Chlorophenol	6.67	128	539786	39.785	ng	97
9) Benzaldehyde	6.43	77	117717	9.990	ng	98
10) Phenol	6.53	94	678883	39.922	ng	90
11) bis(2-Chloroethyl)ether	6.62	93	537621	37.994	ng	92
12) 1,3-Dichlorobenzene	6.82	146	565834	36.014	ng	97
13) 1,4-Dichlorobenzene	6.89	146	567121	36.236	ng	99
14) 1,2-Dichlorobenzene	7.05	146	518047	35.538	ng	98
15) Benzyl Alcohol	7.02	79	472991	38.771	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	927004	34.486	ng	100
17) 2-Methylphenol	7.13	107	474083	37.882	ng	97
18) Hexachloroethane	7.39	117	211441	39.398	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	362775	34.675	ng	97
20) 3+4-Methylphenols	7.29	107	532620	34.512	ng	# 70
22) Acetophenone	7.29	105	717604	34.707	ng	# 86
24) Nitrobenzene	7.46	77	595209	41.539	ng	99
25) Isophorone	7.70	82	1113070	39.687	ng	98
26) 2-Nitrophenol	7.77	139	317931	52.929	ng	96
27) 2,4-Dimethylphenol	7.81	122	525926	44.386	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	686039	41.292	ng	100
29) 2,4-Dichlorophenol	8.02	162	455209	42.260	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	446166	36.614	ng	98
31) Naphthalene	8.19	128	1525313	36.949	ng	100
32) Benzoic acid	7.90	122	61103	15.406	ng	98
33) 4-Chloroaniline	8.23	127	294933	16.584	ng	98
34) Hexachlorobutadiene	8.29	225	224224	35.909	ng	98
35) Caprolactam	8.62	113	96966	25.921	ng	# 84
36) 4-Chloro-3-methylphenol	8.72	107	514264	42.492	ng	100
37) 2-Methylnaphthalene	8.87	142	1017774	37.657	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	386899	36.445	ng	98
40) Hexachlorocyclopentadiene	9.02	237	331697	65.726	ng	97

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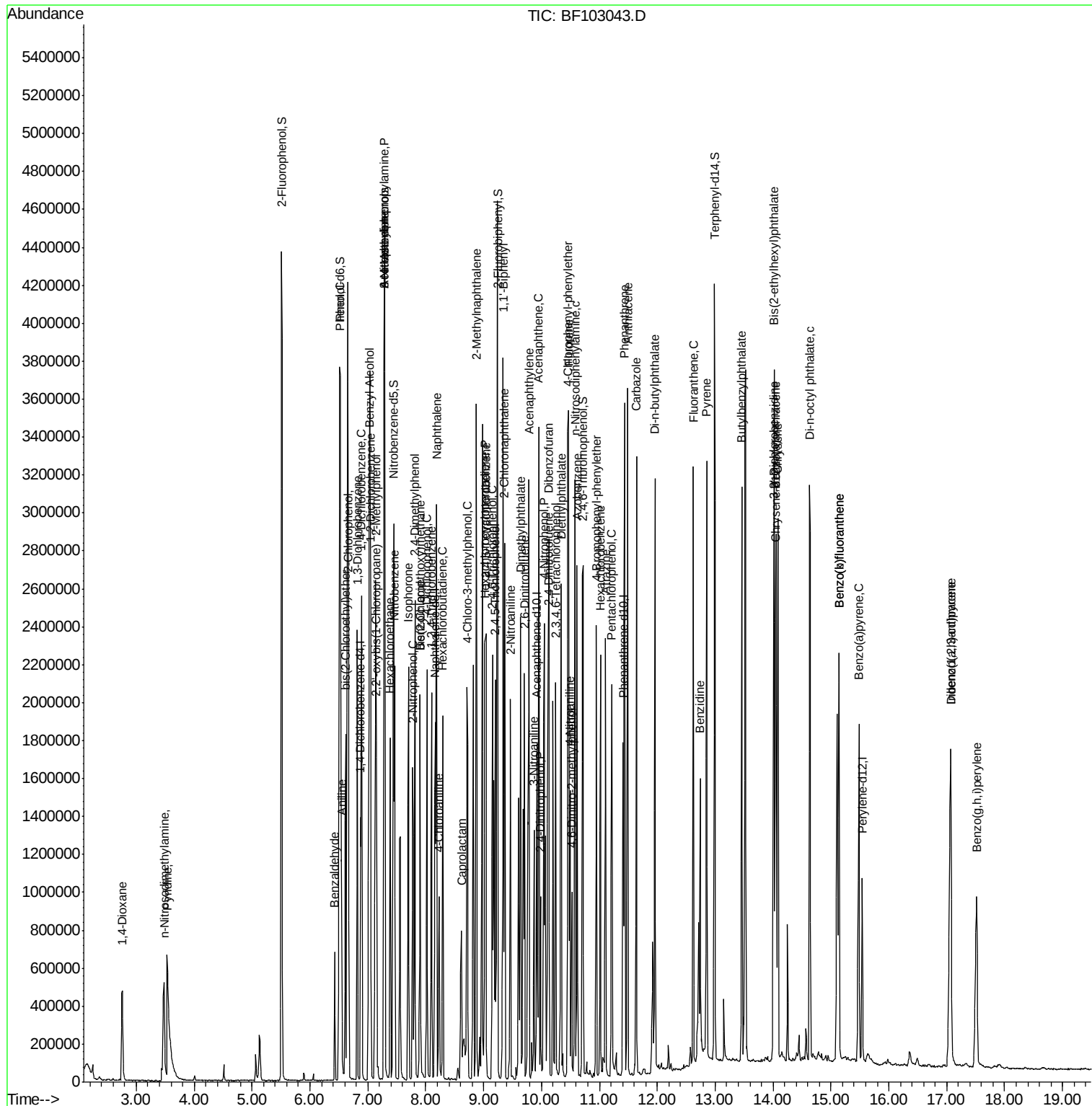
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	297211	42.624	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	305775	38.907	nq	97
45) 1,1'-Biphenyl	9.34	154	1170623	35.647	nq	99
46) 2-Chloronaphthalene	9.37	162	942498	36.455	nq	97
47) 2-Nitroaniline	9.46	65	359926	45.325	nq	92
48) Acenaphthylene	9.78	152	1417584	35.303	nq	99
49) Dimethylphthalate	9.64	163	1123652	36.962	nq	100
50) 2,6-Dinitrotoluene	9.70	165	253501	43.830	nq	95
51) Acenaphthene	9.95	154	828133	34.486	nq	99
52) 3-Nitroaniline	9.87	138	208806	29.341	nq	93
53) 2,4-Dinitrophenol	9.98	184	105569	63.672	nq	# 17
54) Dibenzofuran	10.13	168	1230678	36.366	nq	98
55) 4-Nitrophenol	10.05	139	428555	73.616	nq	92
56) 2,4-Dinitrotoluene	10.11	165	331963	43.129	nq	96
57) Fluorene	10.47	166	940515	38.197	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	230599	42.335	nq	98
59) Diethylphthalate	10.34	149	1089533	36.296	nq	98
60) 4-Chlorophenyl-phenylether	10.46	204	418195	38.394	nq	100
61) 4-Nitroaniline	10.49	138	304373	44.933	nq	94
62) Azobenzene	10.62	77	1105380	36.861	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	111754	42.078	nq	91
65) n-Nitrosodiphenylamine	10.58	169	865928	36.580	nq	100
66) 4-Bromophenyl-phenylether	10.95	248	268095	37.765	nq	# 89
67) Hexachlorobenzene	11.02	284	279526	35.692	nq	98
68) Atrazine	11.10	200	268565	38.457	nq	97
69) Pentachlorophenol	11.22	266	255435	55.562	nq	100
70) Phenanthrene	11.43	178	1346818	36.034	nq	99
71) Anthracene	11.49	178	1402713	36.899	nq	100
72) Carbazole	11.64	167	1333847	35.815	nq	98
73) Di-n-butylphthalate	11.96	149	1706341	37.717	nq	99
74) Fluoranthene	12.62	202	1353686	35.997	nq	98
76) Benzidine	12.74	184	558935	26.041	nq	99
77) Pyrene	12.86	202	1374397	37.531	nq	99
79) Butylbenzylphthalate	13.46	149	728822	41.744	nq	98
80) Benzo(a)anthracene	14.05	228	1163162	39.604	nq	100
81) 3,3'-Dichlorobenzidine	14.00	252	256068	23.515	nq	98
82) Chrysene	14.09	228	1065491	35.989	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	983669	43.849	nq	99
84) Di-n-octyl phthalate	14.63	149	1569587	46.598	nq	100
85) Indeno(1,2,3-cd)pyrene	17.06	276	957111	38.979	nq	98
87) Benzo(b)fluoranthene	15.14	252	920552	34.433	nq	98
88) Benzo(k)fluoranthene	15.14	252	920552	36.036	nq	99
89) Benzo(a)pyrene	15.48	252	937087	38.940	nq	98
90) Dibenzo(a,h)anthracene	17.07	278	782347	40.053	nq	98
91) Benzo(g,h,i)perylene	17.52	276	820270	42.905	nq	98

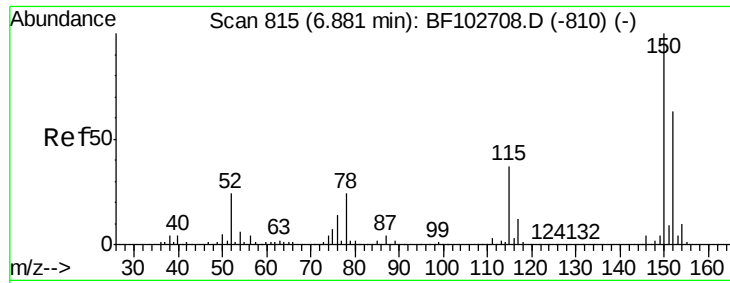
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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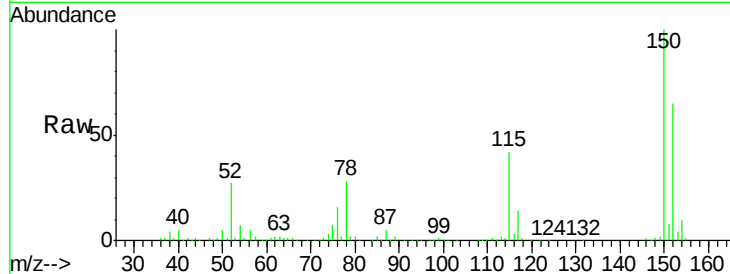


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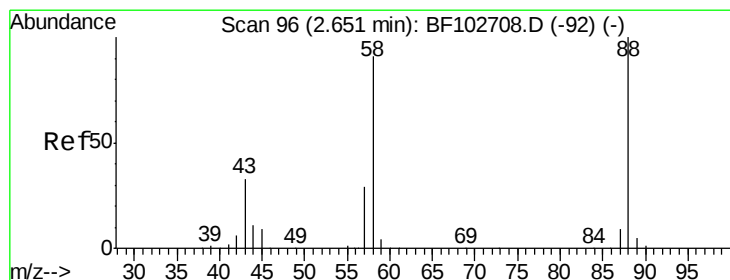
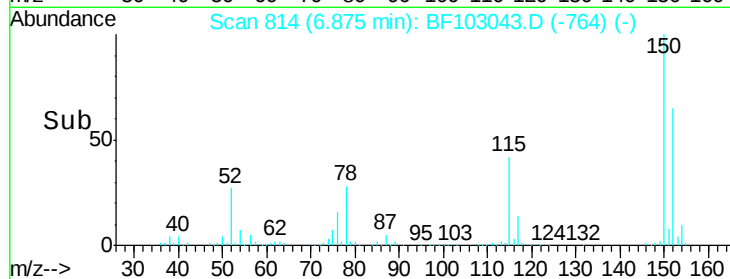
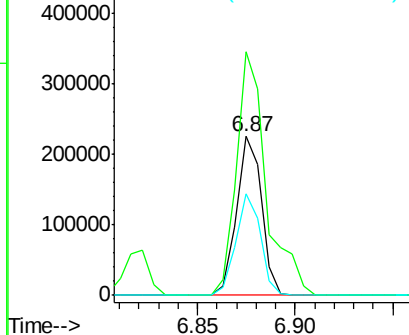
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	63.7	50.1	75.1



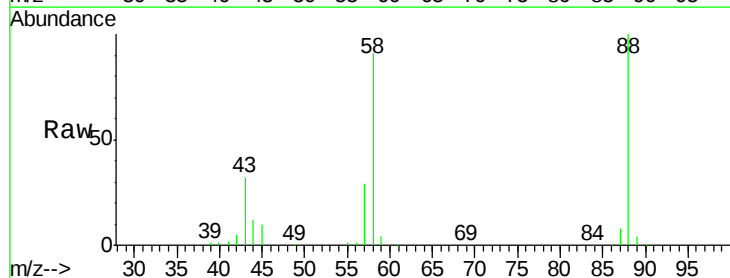
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



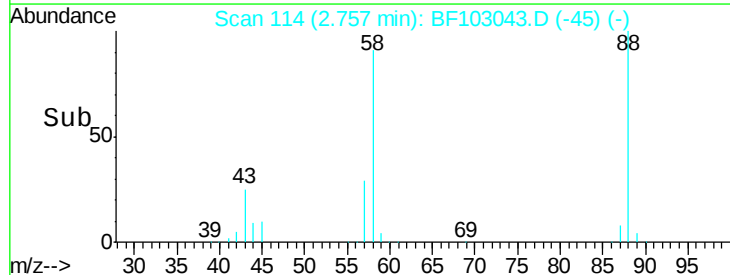
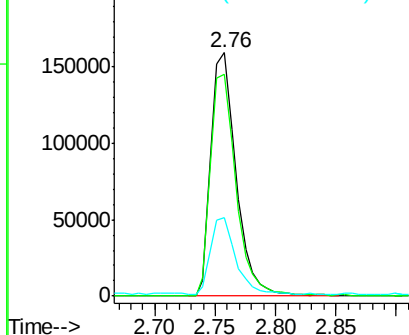
#2

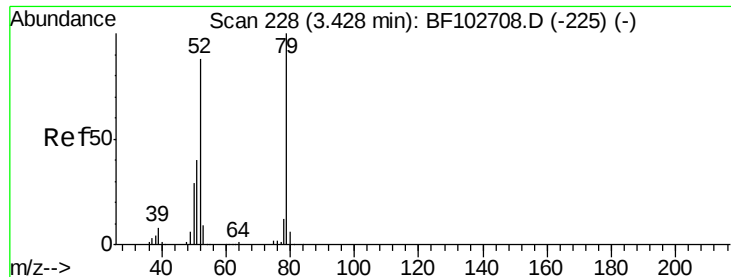
1,4-Dioxane
Concen: 35.426 ng
RT: 2.76 min Scan# 114
Delta R.T. 0.11 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.3	62.6	93.8
43	31.0	24.6	37.0



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





#3

Pvridine

Concen: 37.183 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.11 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Instrument :

BNA_F

ClientSampleId :

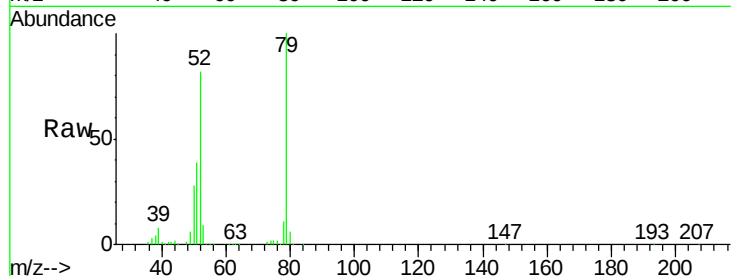
Tot Ion: 79 Resp: 668698

Ion Ratio Lower Upper

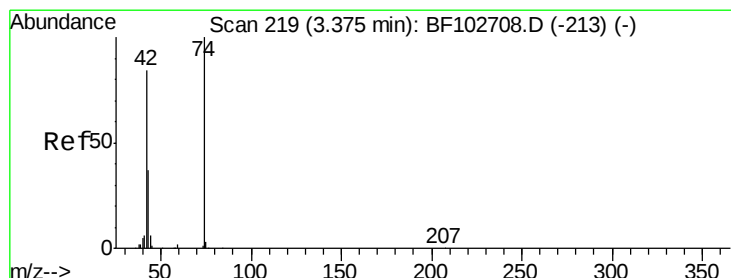
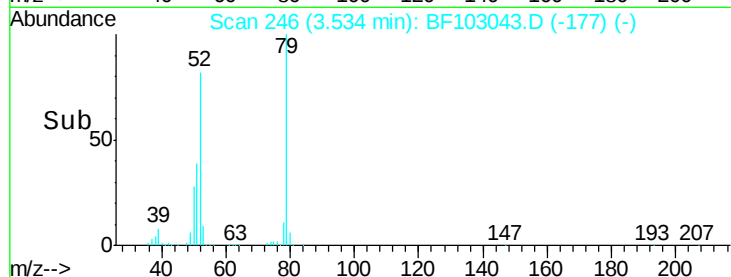
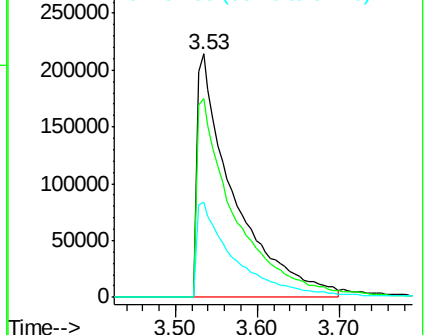
79 100

52 81.6 59.8 89.6

51 38.8 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.316 ng

RT: 3.48 min Scan# 236

Delta R.T. 0.09 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

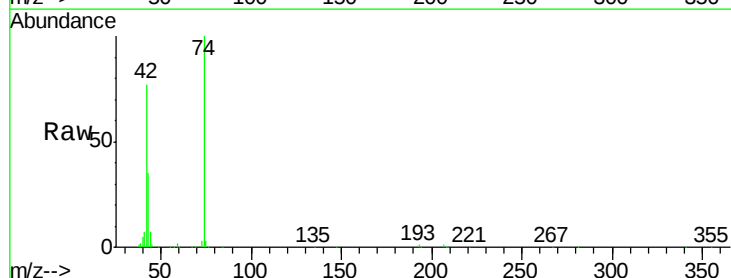
Tgt Ion: 42 Resp: 317903

Ion Ratio Lower Upper

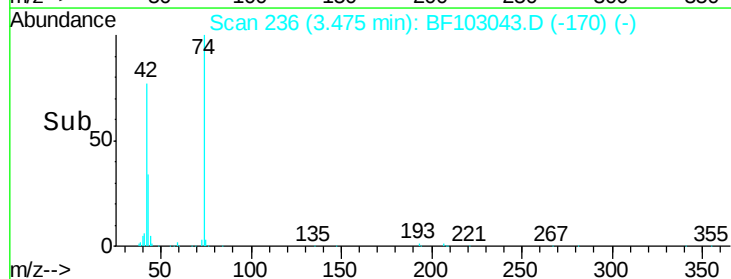
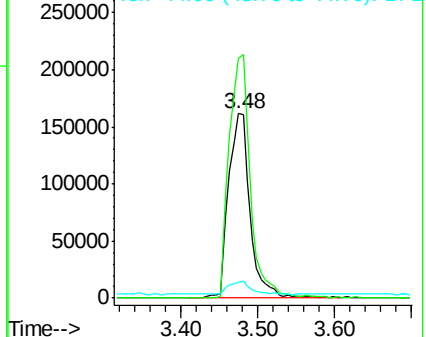
42 100

74 130.1 104.9 157.3

44 8.8 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 106.268 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Instrument :

BNA_F

ClientSampleId :

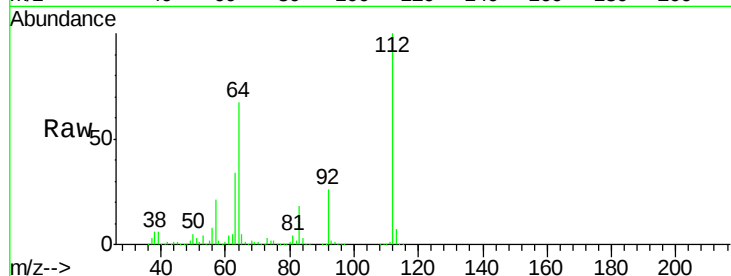
Tot Ion:112 Resp: 1400458

Ion Ratio Lower Upper

112 100

64 66.8 47.9 71.9

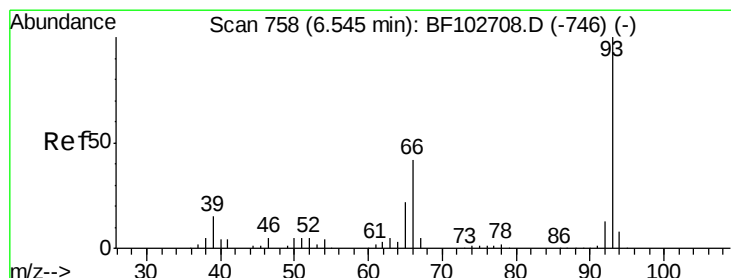
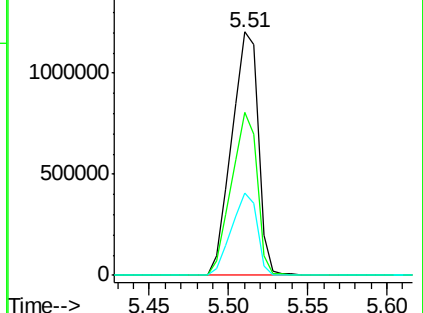
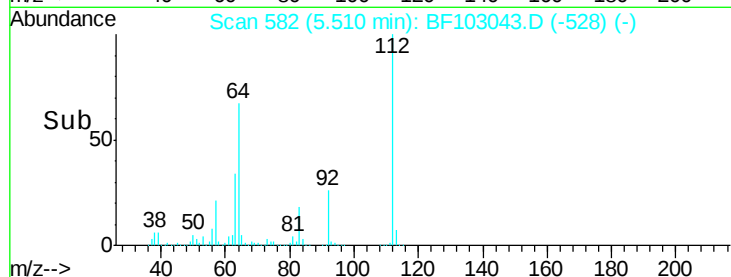
63 33.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.434 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

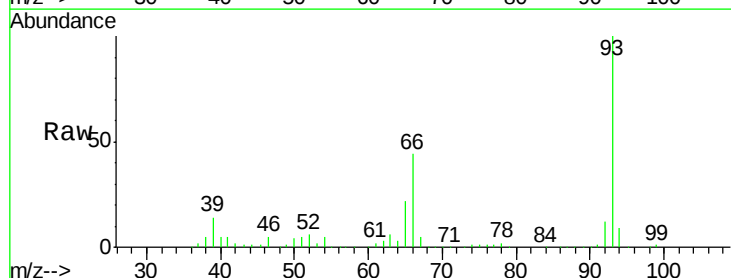
Tgt Ion: 93 Resp: 549139

Ion Ratio Lower Upper

93 100

66 43.7 32.2 48.2

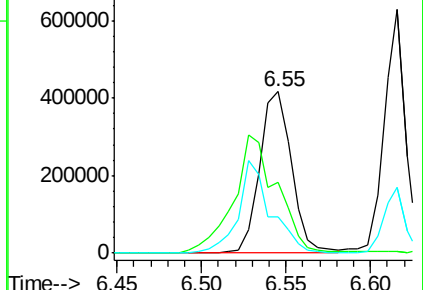
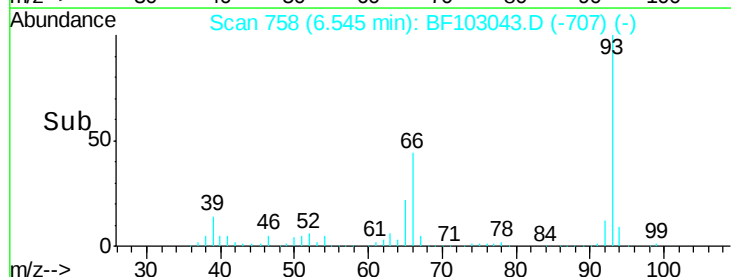
65 22.4 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.977 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Instrument :

BNA_F

ClientSampleId :

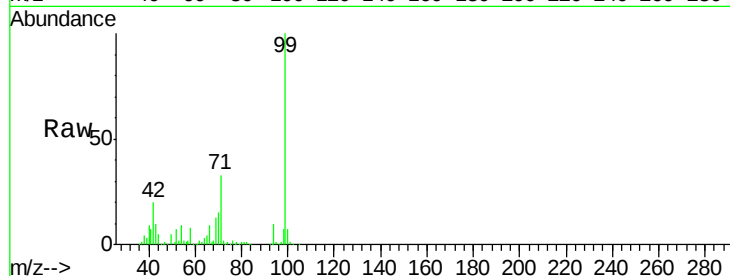
Tot Ion: 99 Resp: 1697501

Ion Ratio Lower Upper

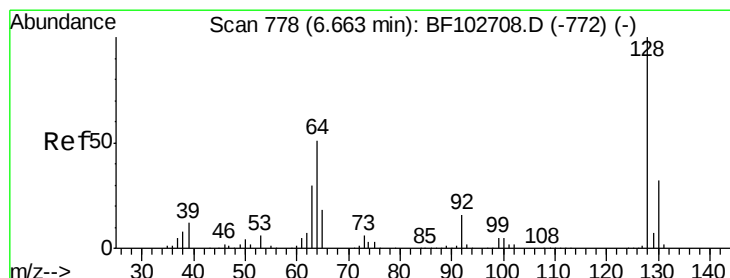
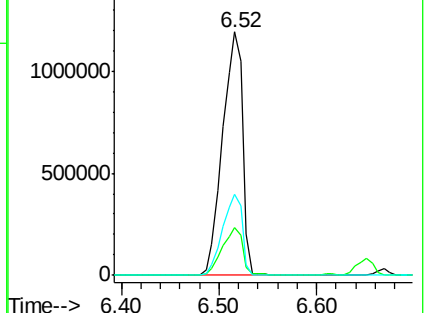
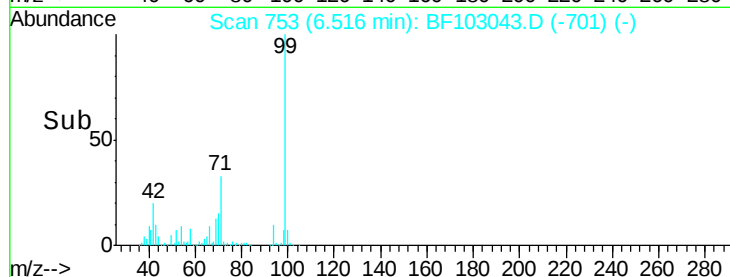
99 100

42 19.8 14.5 21.7

71 33.1 25.4 38.0



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



#8

2-Chlorophenol

Concen: 39.785 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

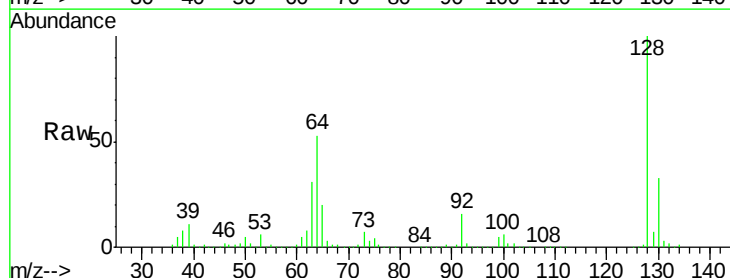
Tgt Ion: 128 Resp: 539786

Ion Ratio Lower Upper

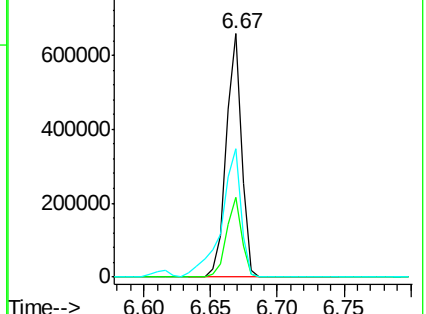
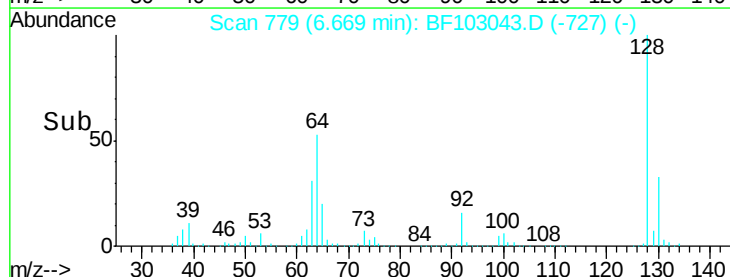
128 100

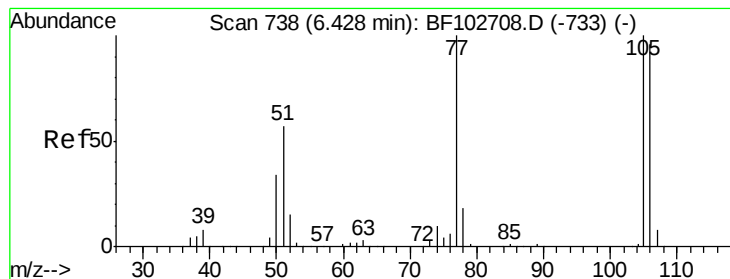
130 33.0 13.0 53.0

64 52.8 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: 9.990 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Instrument :

BNA_F

ClientSampled :

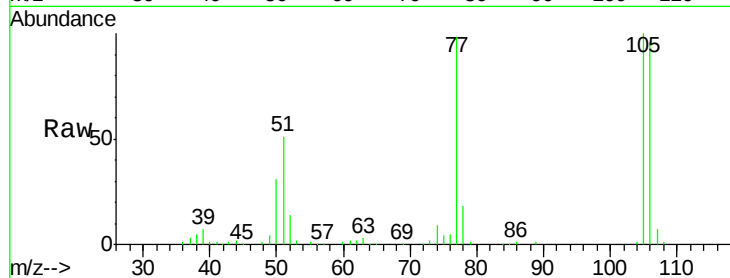
Tot Ion: 77 Resp: 117717

Ion Ratio Lower Upper

77 100

105 102.0 81.1 121.1

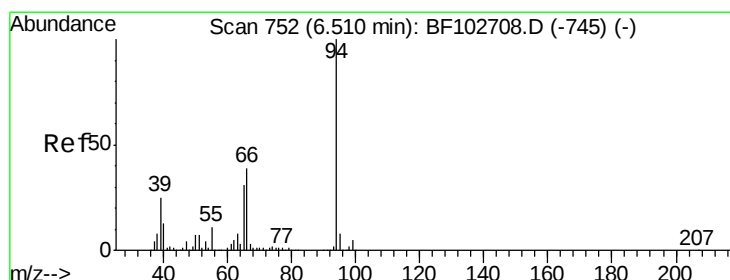
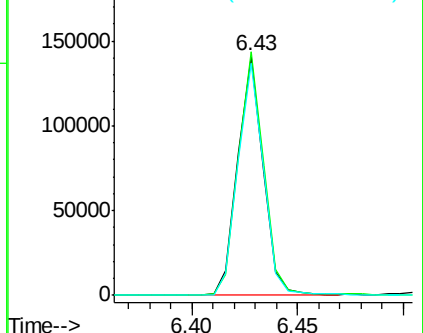
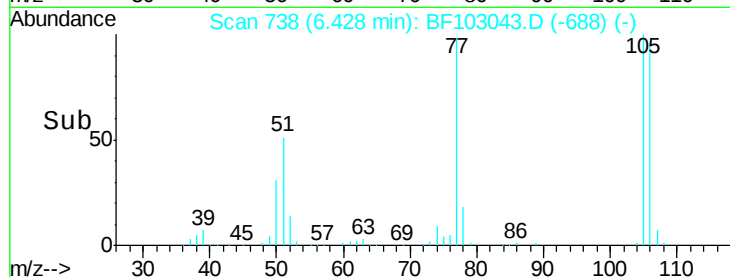
106 97.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.922 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

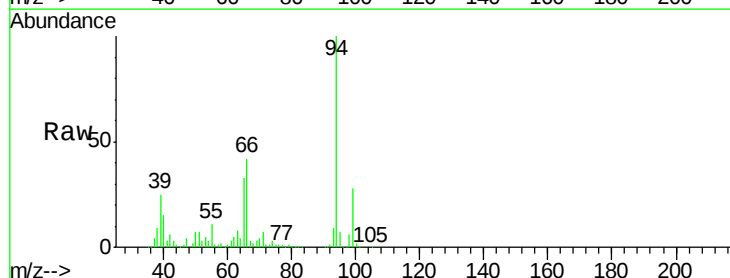
Tgt Ion: 94 Resp: 678883

Ion Ratio Lower Upper

94 100

65 33.1 7.9 47.9

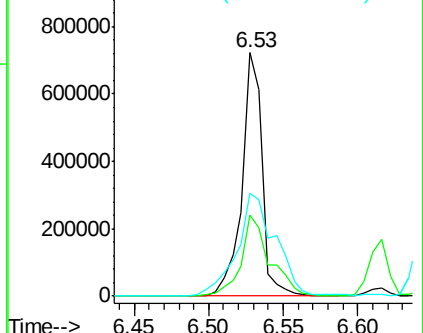
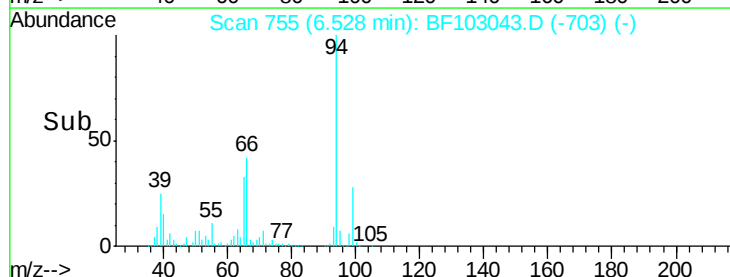
66 42.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

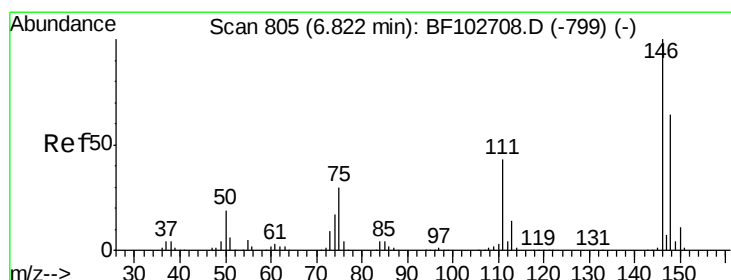
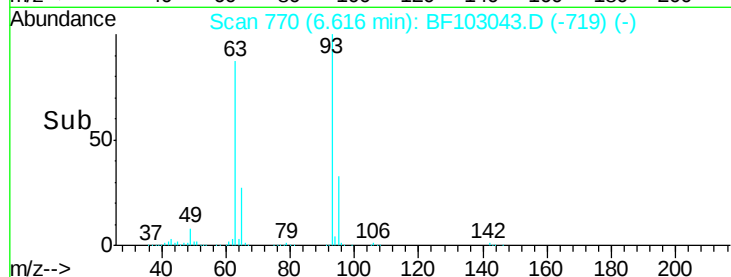
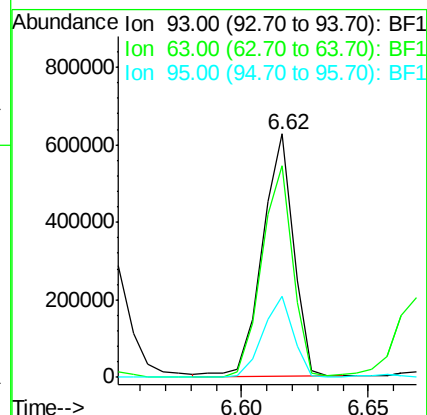
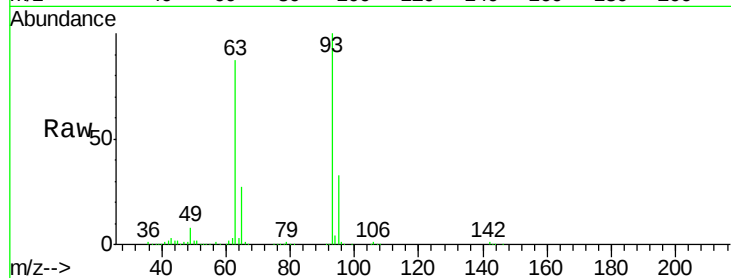




#11
bis(2-Chloroethyl)ether
Concen: 37.994 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

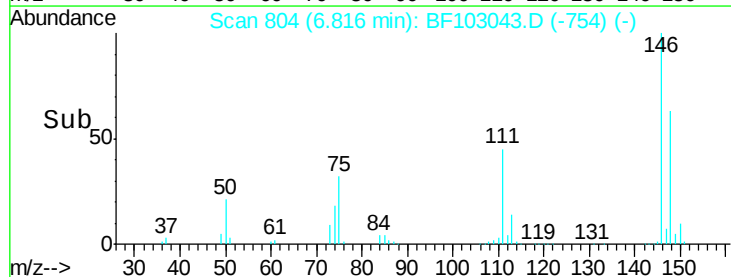
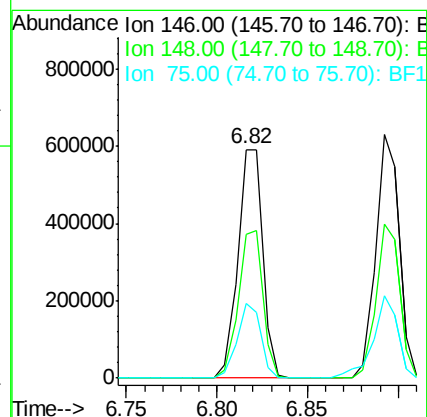
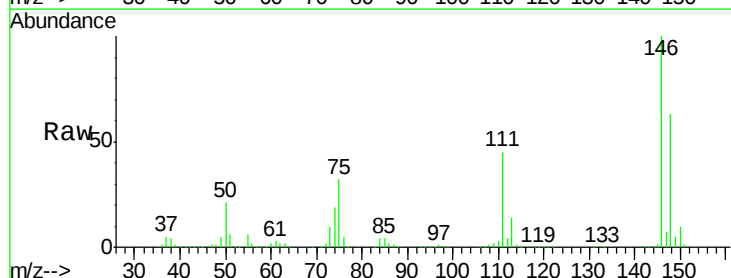
Instrument :
BNA_F
ClientSampleId :

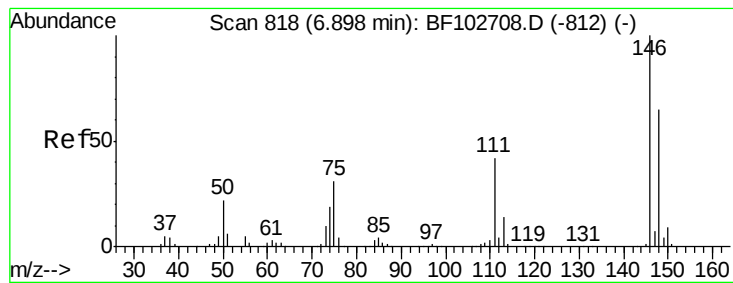
Tot Ion	Ratio	Lower	Upper
93	100		
63	87.1	58.6	98.6
95	33.3	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 36.014 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.8	77.8
75	32.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 36.236 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Instrument :

BNA_F

ClientSampled :

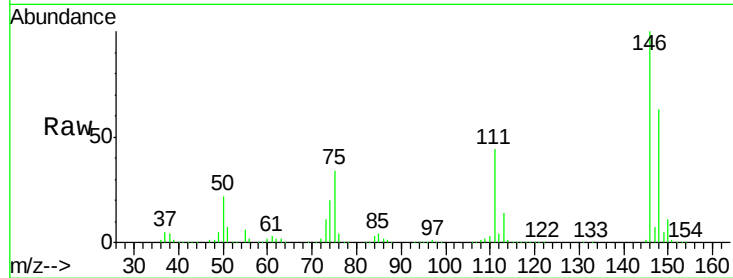
Tot Ion:146 Resp: 567121

Ion Ratio Lower Upper

146 100

148 63.1 50.8 76.2

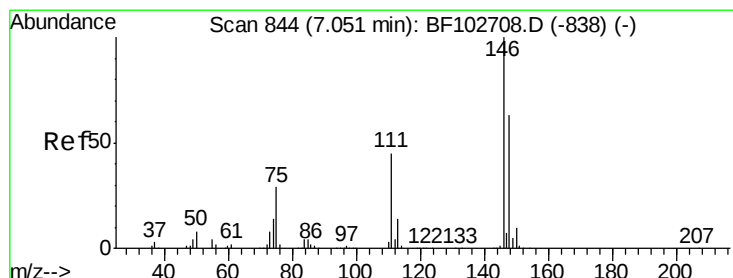
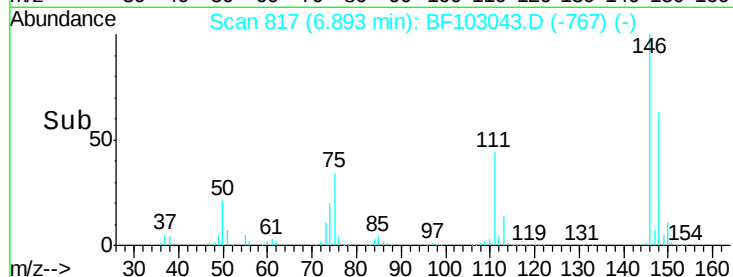
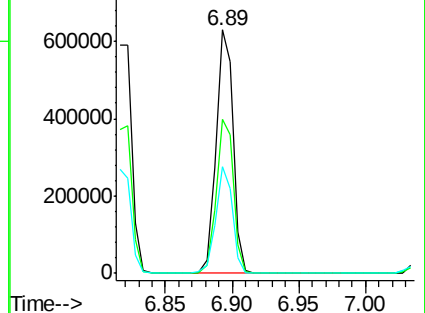
111 43.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.538 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

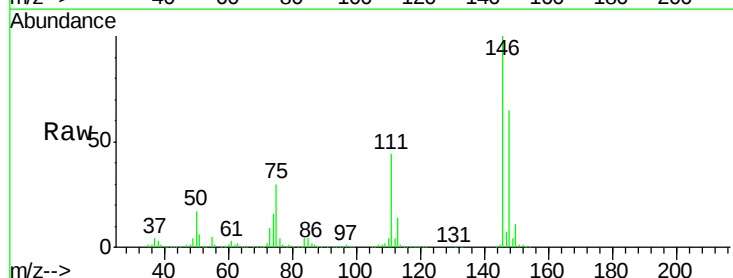
Tgt Ion:146 Resp: 518047

Ion Ratio Lower Upper

146 100

148 64.7 50.6 75.8

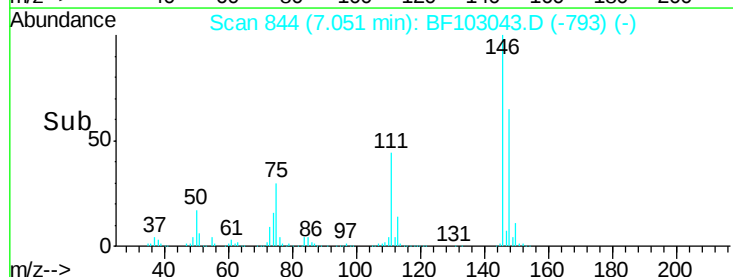
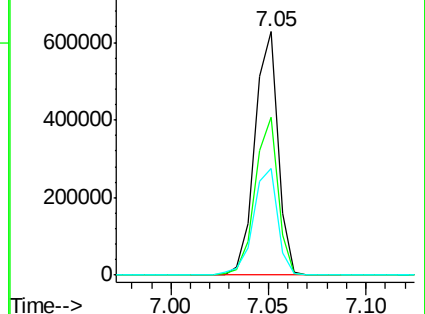
111 43.8 36.0 54.0

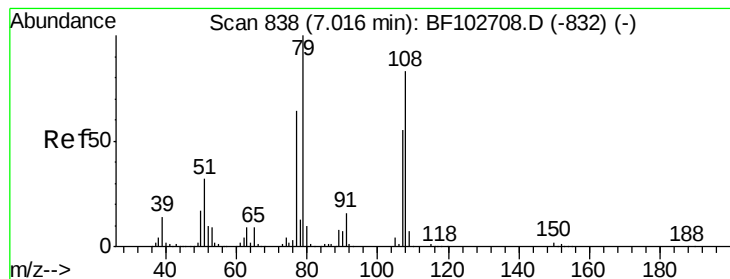


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.771 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Instrument :

BNA_F

ClientSampleId :

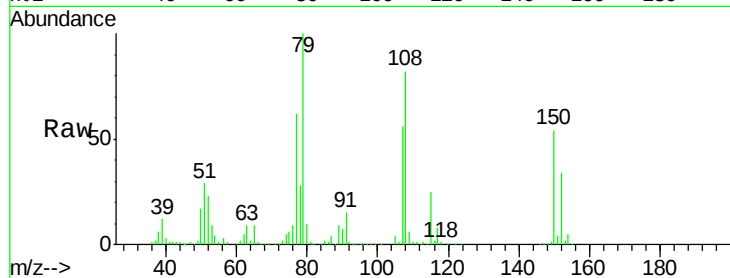
Tot Ion: 79 Resp: 472991

Ion Ratio Lower Upper

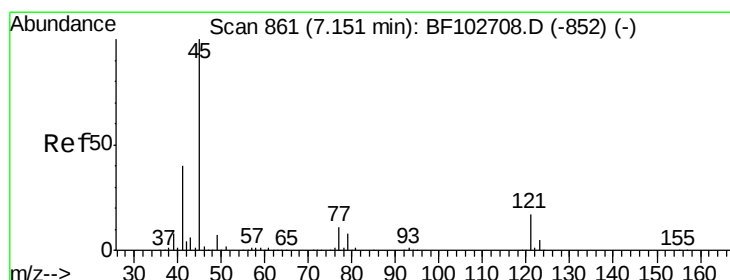
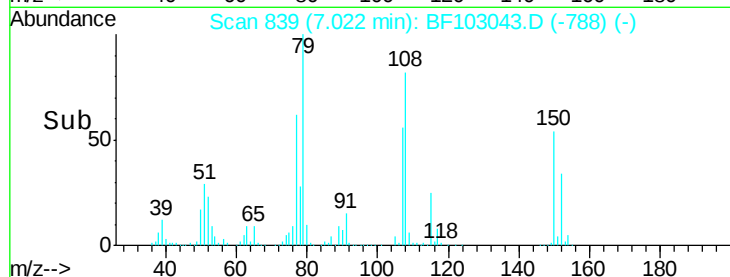
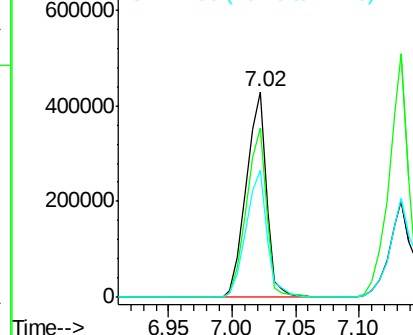
79 100

108 82.4 65.1 97.7

77 61.6 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.486 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

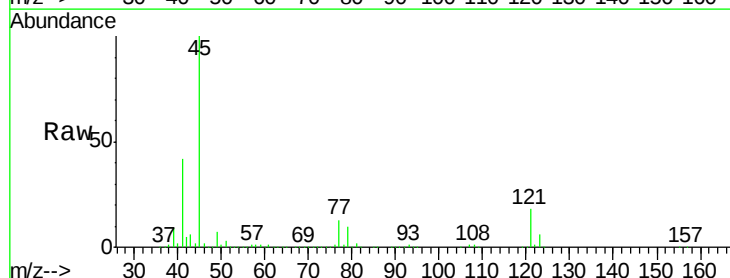
Tgt Ion: 45 Resp: 927004

Ion Ratio Lower Upper

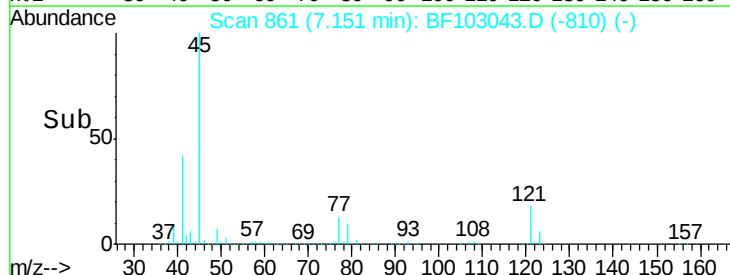
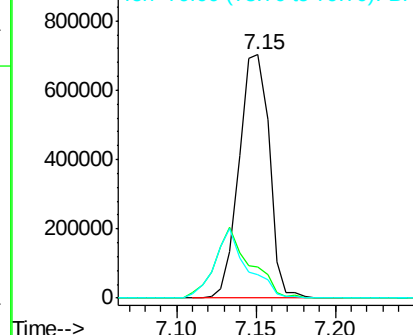
45 100

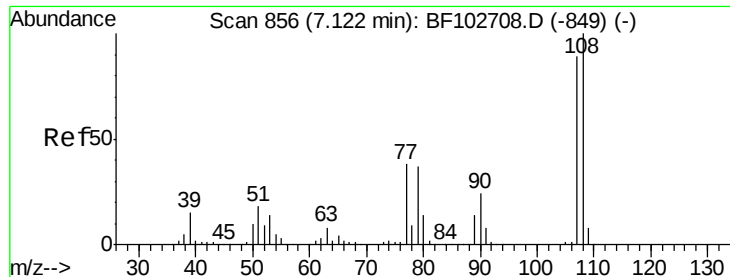
77 12.8 0.0 32.9

79 9.8 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

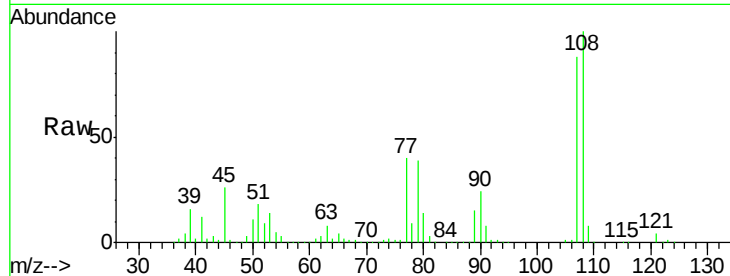




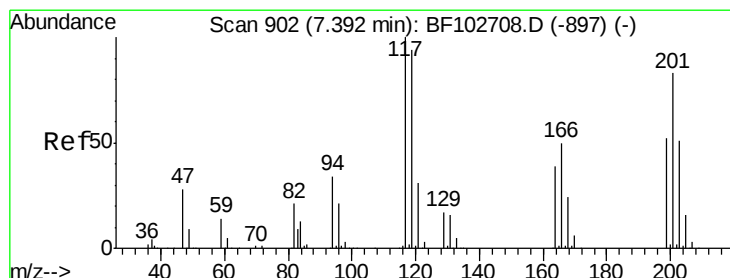
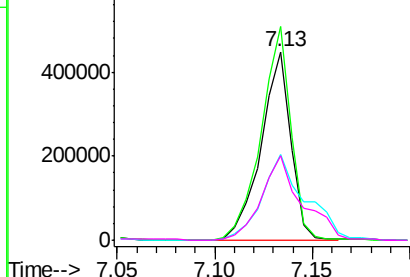
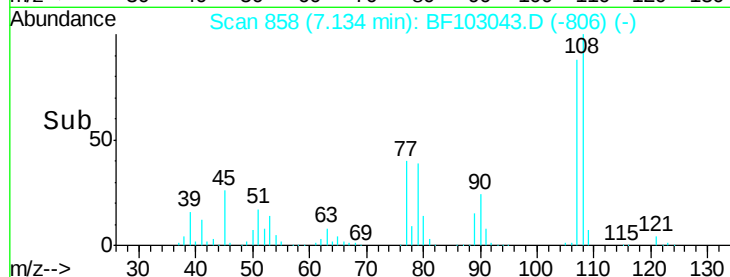
#17
2-Methylphenol
Concen: 37.882 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 474083
Ion Ratio Lower Upper
107 100
108 113.2 91.7 137.5
77 45.8 33.8 50.8
79 44.6 33.8 50.8

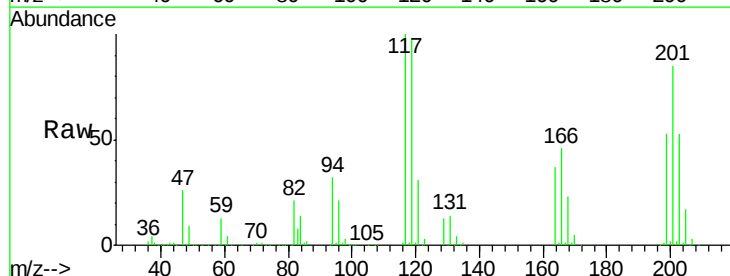


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

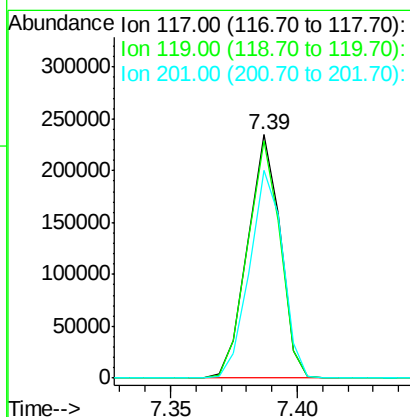
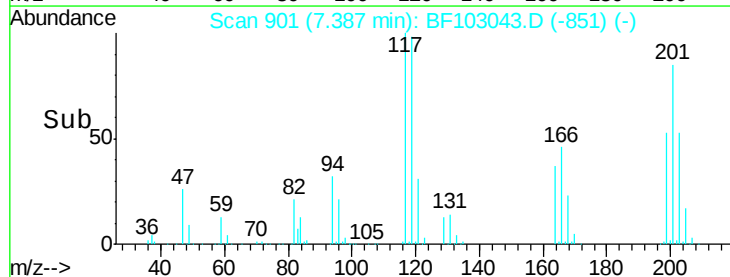


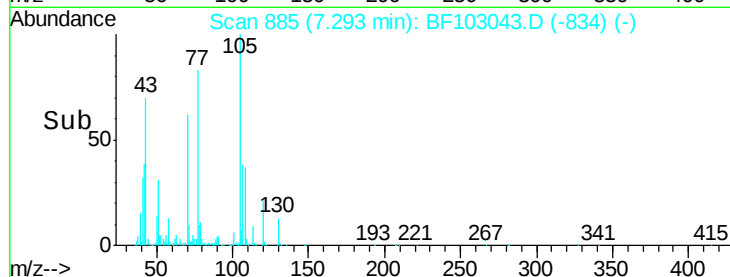
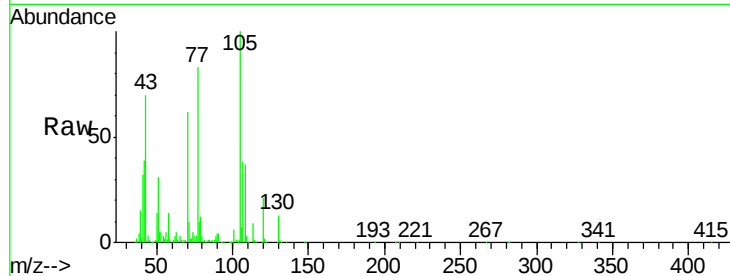
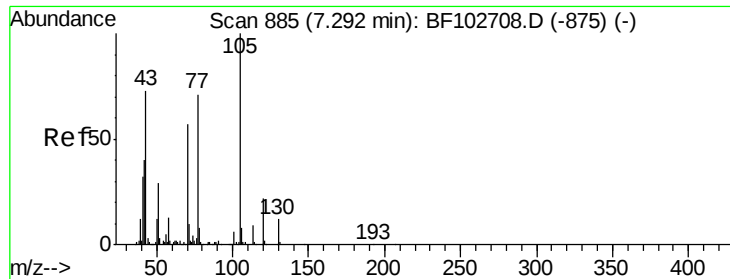
#18
Hexachloroethane
Concen: 39.398 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

Tgt Ion:117 Resp: 211441
Ion Ratio Lower Upper
117 100
119 97.7 75.8 113.8
201 85.1 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

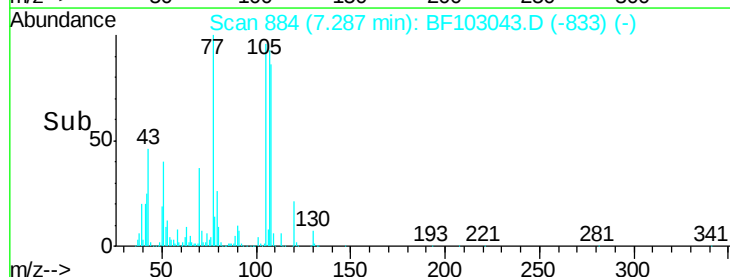
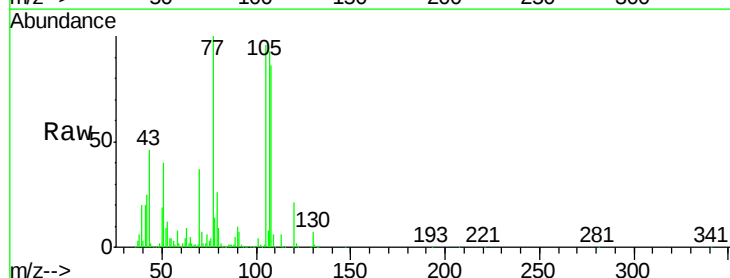
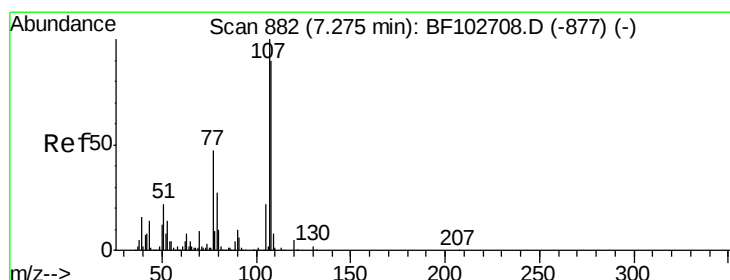
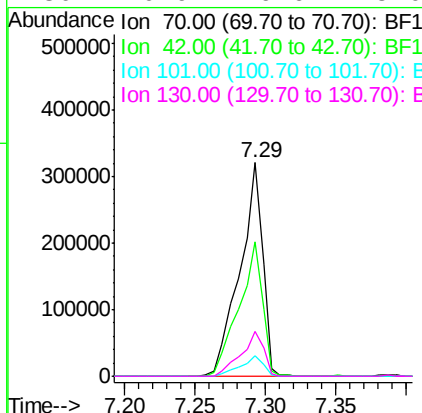




#19
n-Nitroso-di-n-propylamine
Concen: 34.675 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

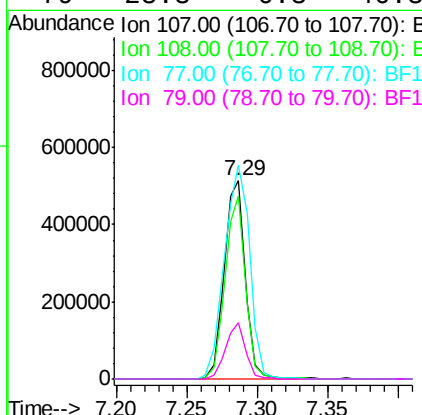
Instrument :
BNA_F
ClientSampleId :

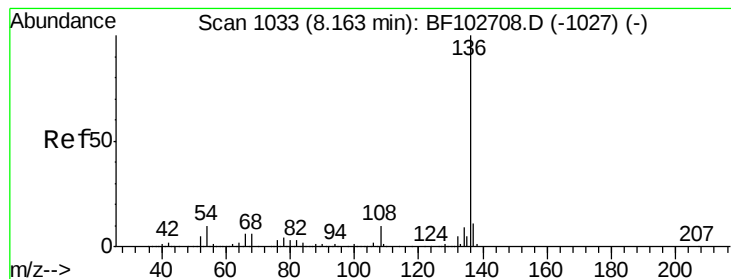
Tot Ion: 70 Resp: 362775
Ion Ratio Lower Upper
70 100
42 62.9 47.5 71.3
101 9.5 7.4 11.2
130 20.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 34.512 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

Tgt Ion: 107 Resp: 532620
Ion Ratio Lower Upper
107 100
108 92.2 68.2 108.2
77 107.8 26.7 66.7#
79 28.3 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 844933

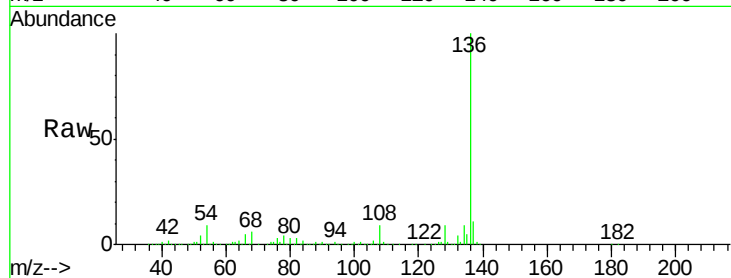
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.0 6.6 9.8

68 6.2 5.0 7.4

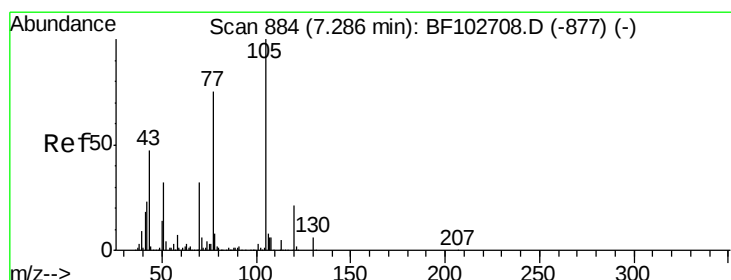
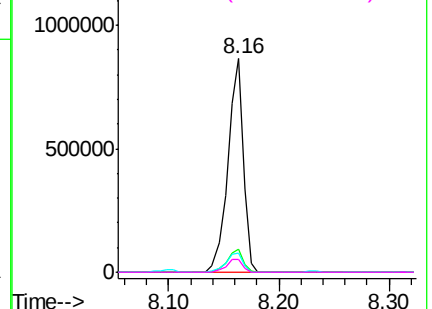
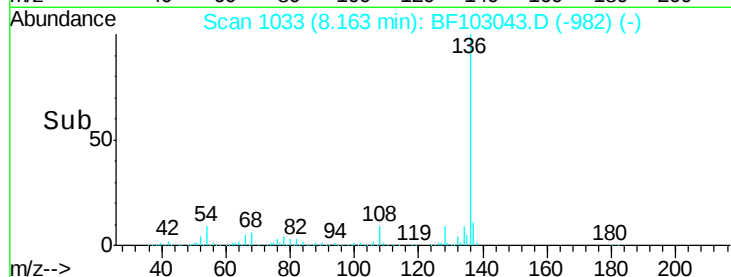


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.707 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Tgt Ion:105 Resp: 717604

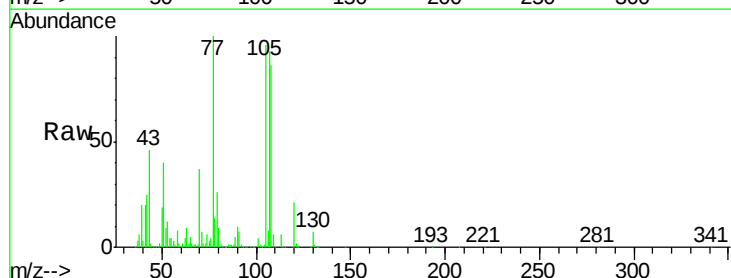
Ion Ratio Lower Upper

105 100

71 6.8 4.4 6.6#

51 41.6 22.3 33.5#

120 21.5 16.9 25.3

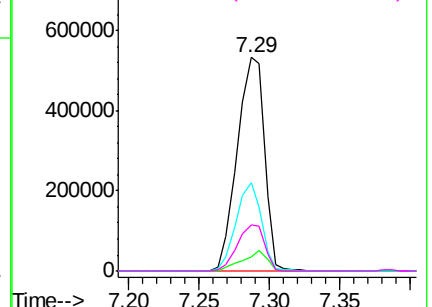
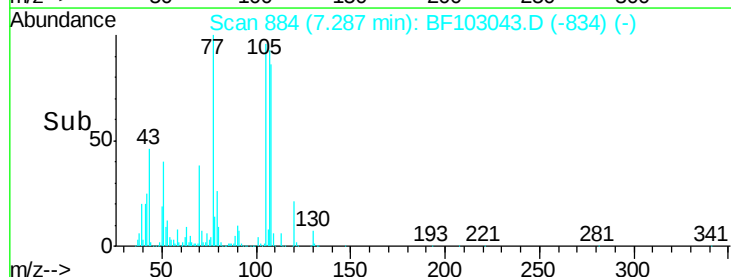


Abundance Ion 105.00 (104.70 to 105.70): E

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: 91.319 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Instrument :

BNA_F

ClientSampleId :

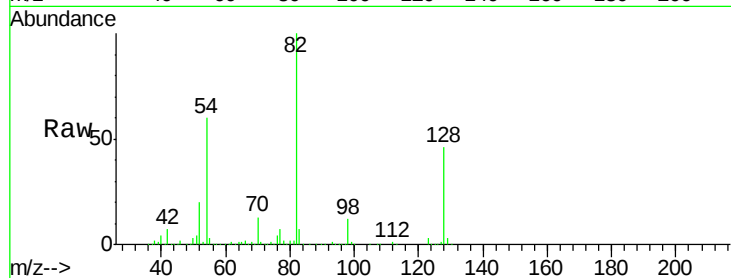
Tot Ion: 82 Resp: 1112261

Ion Ratio Lower Upper

82 100

128 46.5 36.1 54.1

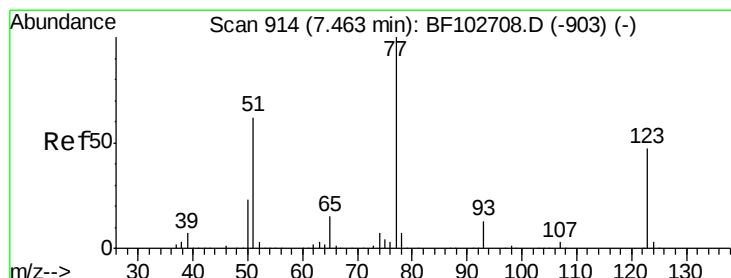
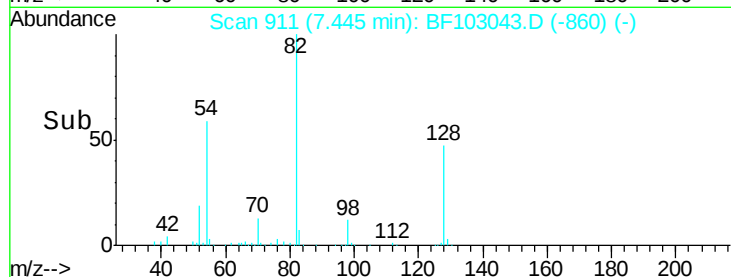
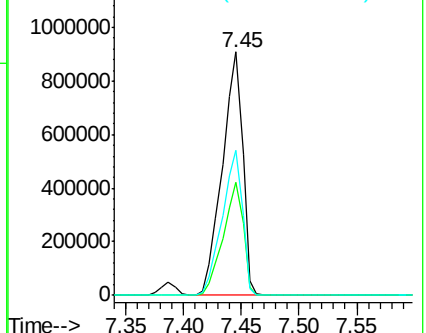
54 59.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 41.539 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

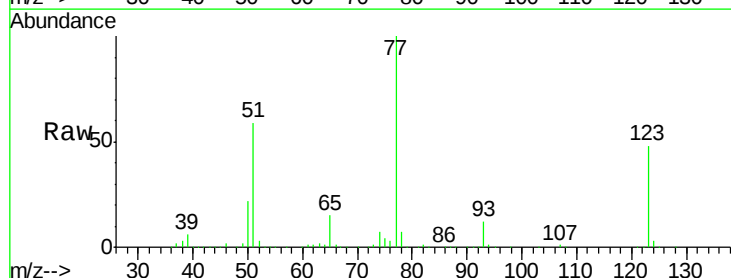
Tgt Ion: 77 Resp: 595209

Ion Ratio Lower Upper

77 100

123 48.0 37.9 56.9

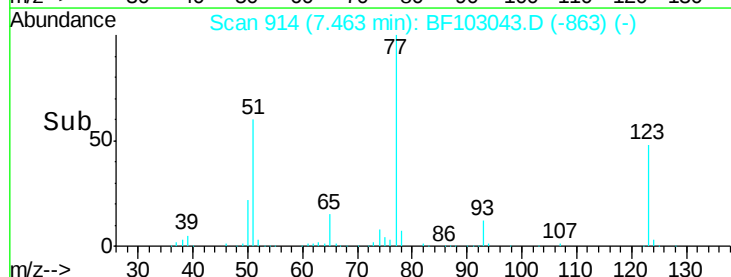
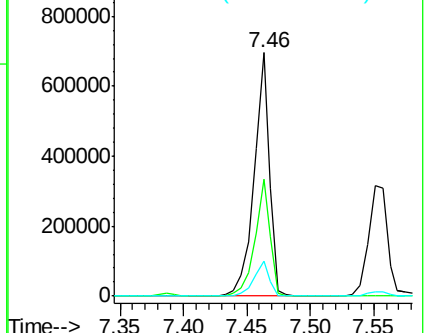
65 14.6 11.0 16.4

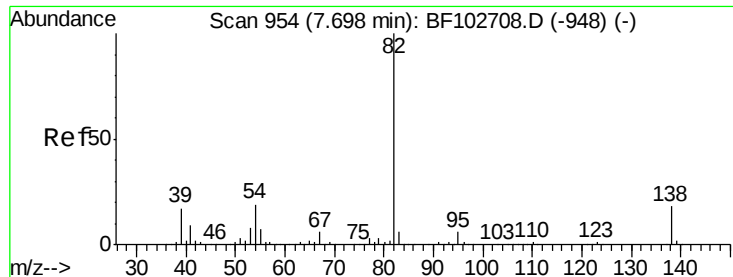


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.687 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Instrument :
BNA_F
ClientSampleId :

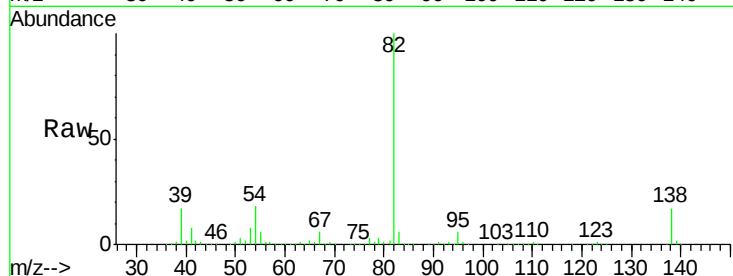
Tot Ion: 82 Resp: 1113070

Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.2	7.8
138	17.2	14.9	22.3

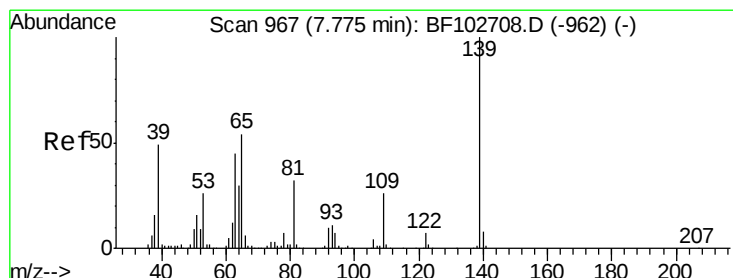
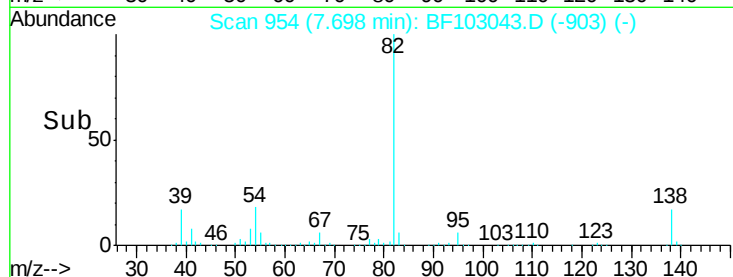
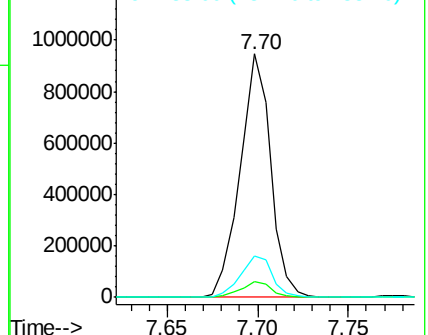
82 100

95 6.4 5.2 7.8

138 17.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 52.929 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

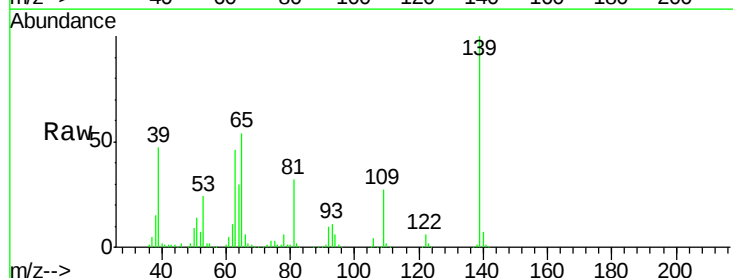
Tgt Ion: 139 Resp: 317931

Ion	Ratio	Lower	Upper
139	100		
109	27.0	22.7	34.1
65	54.3	40.5	60.7

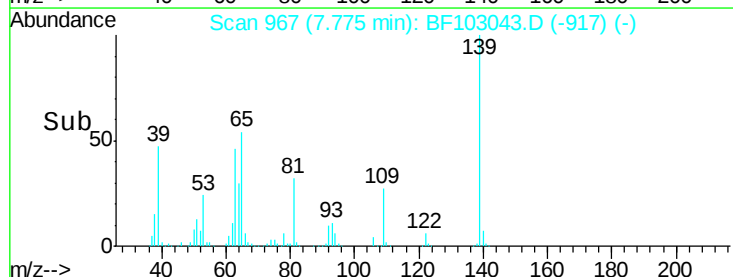
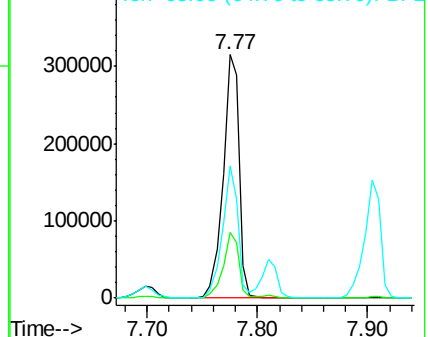
139 100

109 27.0 22.7 34.1

65 54.3 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: 44.386 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Instrument :

BNA_F

ClientSampleId :

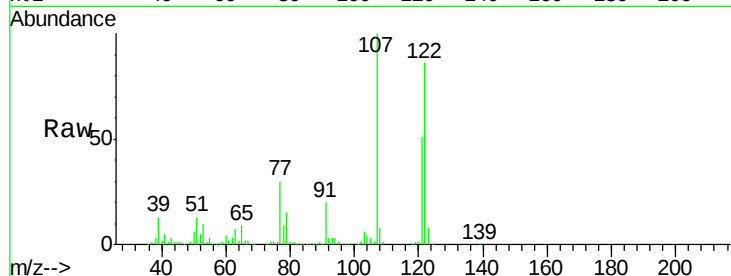
Tot Ion:122 Resp: 525926

Ion Ratio Lower Upper

122 100

107 116.3 91.2 136.8

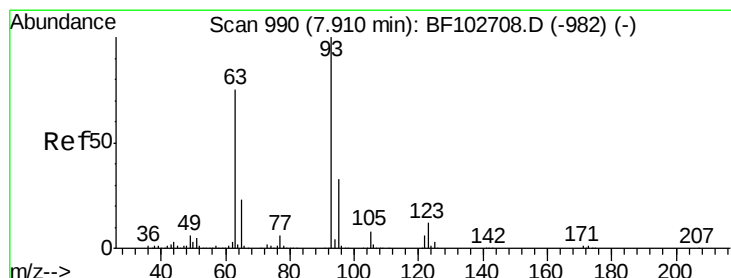
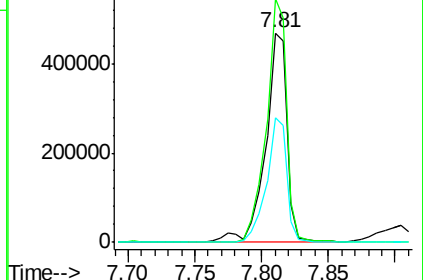
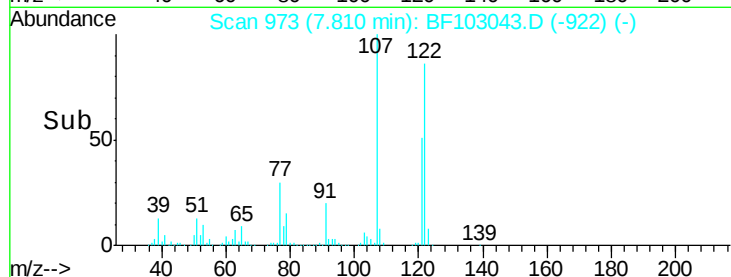
121 59.5 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.292 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

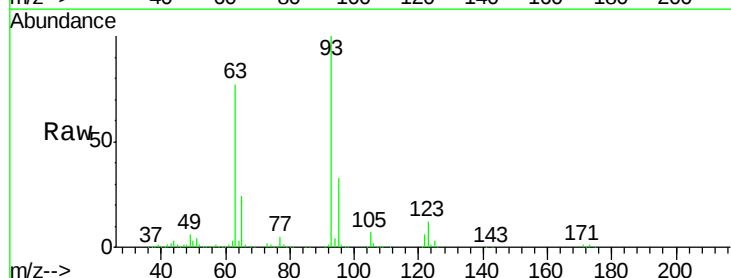
Tgt Ion: 93 Resp: 686039

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

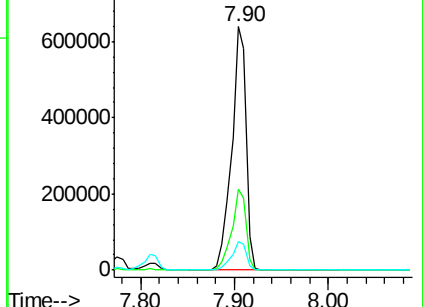
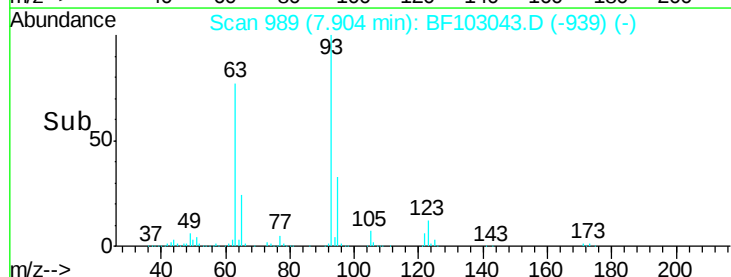
123 12.0 9.8 14.6

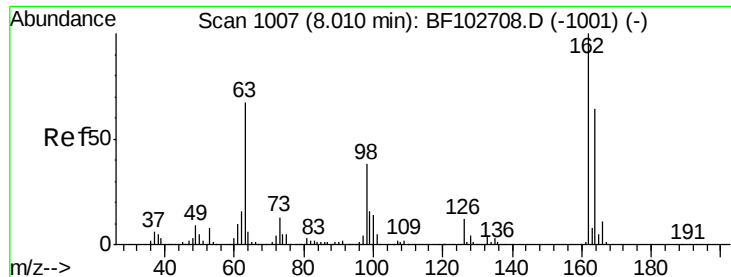


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

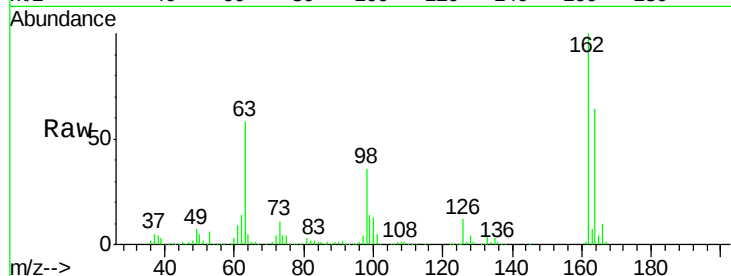




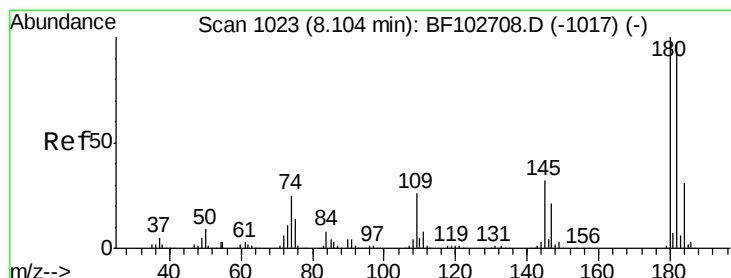
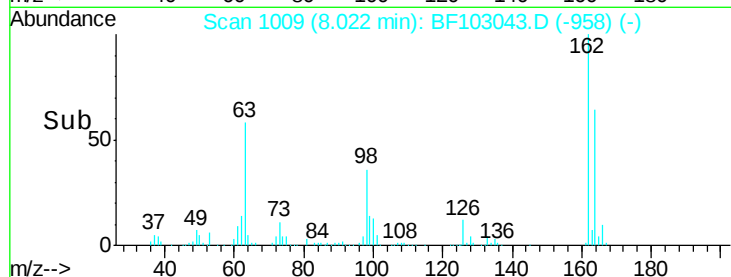
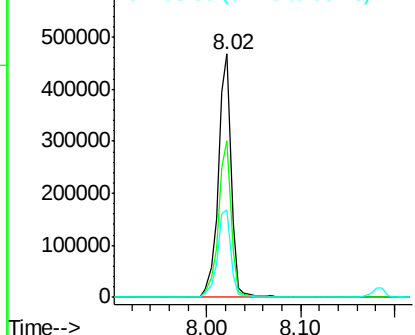
#29
 2,4-Dichlorophenol
 Concen: 42.260 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF103043.D
 Acq: 16 Feb 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 455209
 Ion Ratio Lower Upper
 162 100
 164 64.3 42.7 82.7
 98 35.8 18.1 58.1

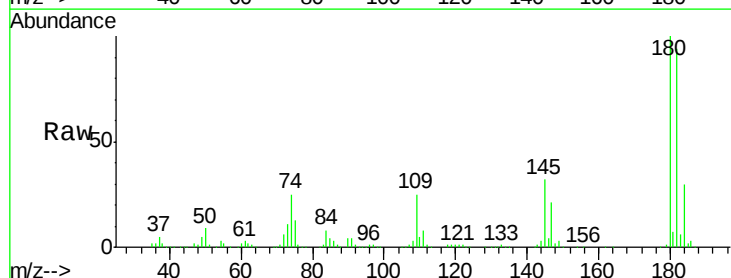


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

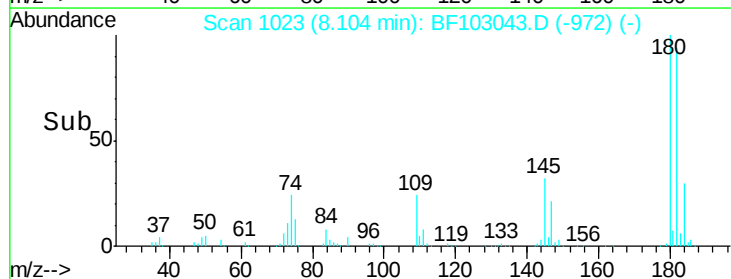
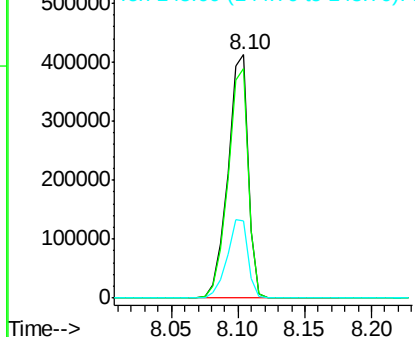


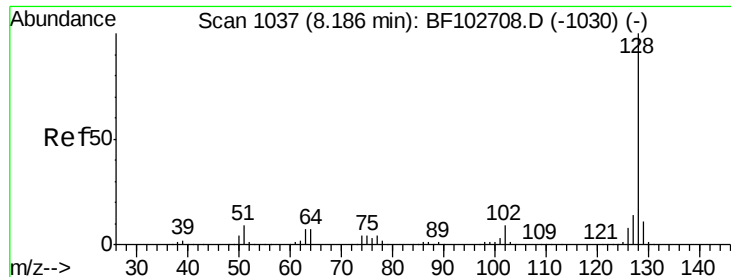
#30
 1,2,4-Trichlorobenzene
 Concen: 36.614 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF103043.D
 Acq: 16 Feb 2018 11:11

Tgt Ion:180 Resp: 446166
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.8 115.2
 145 31.5 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: 36.949 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Instrument :

BNA_F

ClientSampleId :

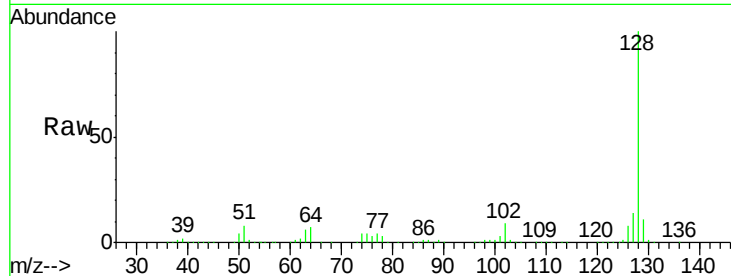
Tot Ion:128 Resp: 1525313

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

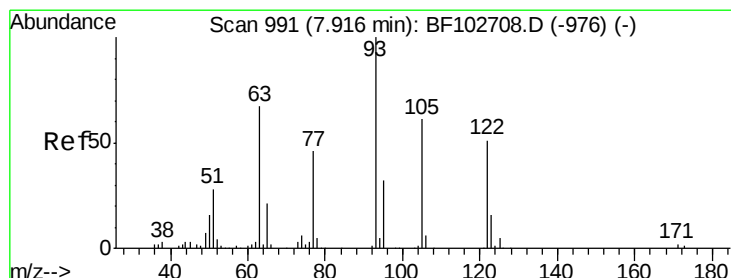
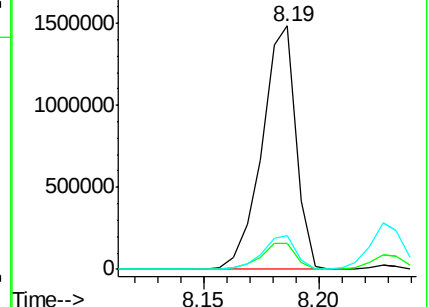
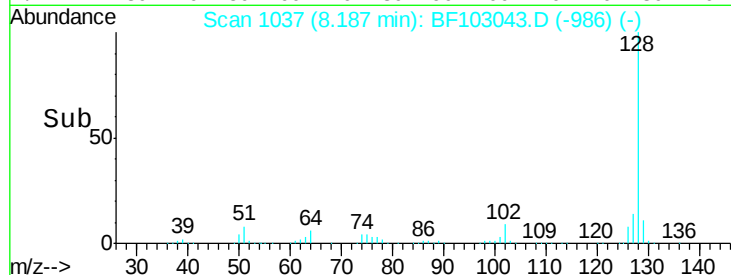
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 15.406 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.04 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

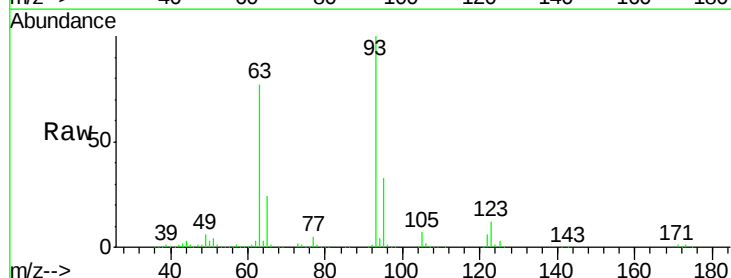
Tgt Ion:122 Resp: 61103

Ion Ratio Lower Upper

122 100

105 117.1 101.1 141.1

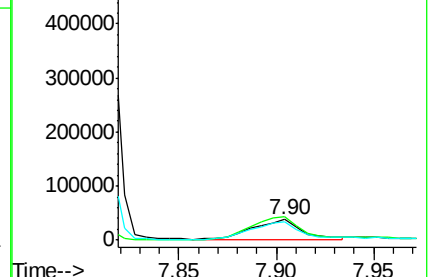
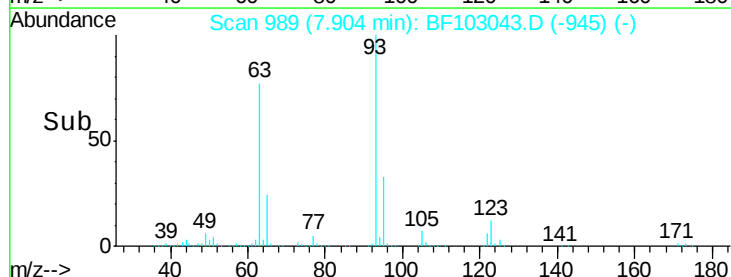
77 90.6 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

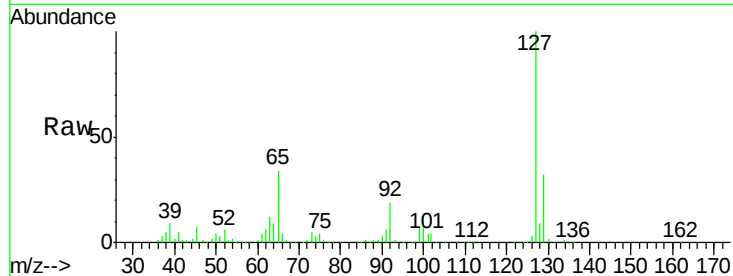




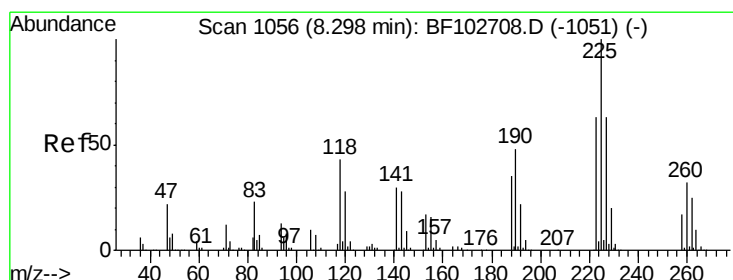
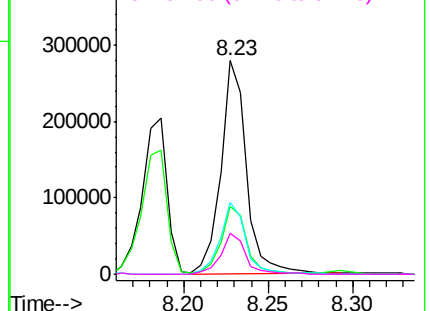
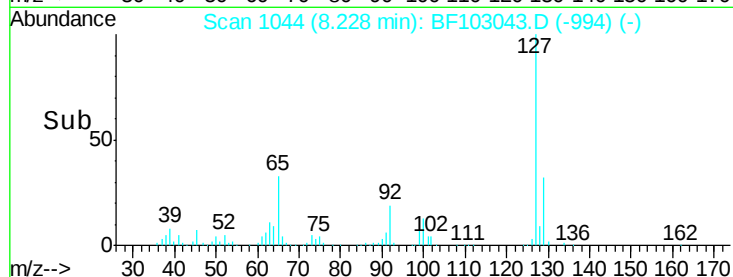
#33
4-Chloroaniline
Concen: 16.584 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	294933
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	33.8	25.0	37.4
92	19.3	15.2	22.8

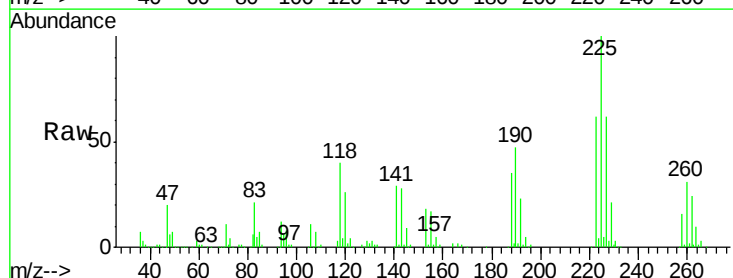


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

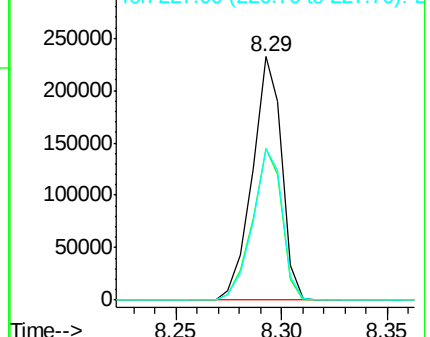
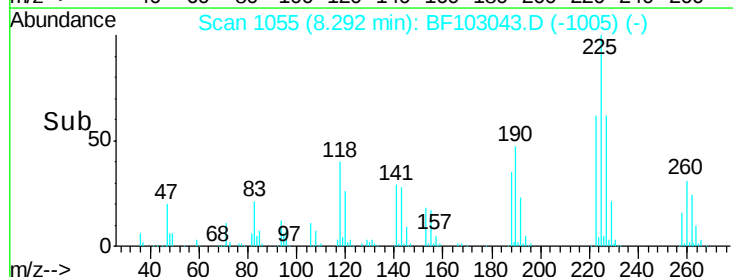


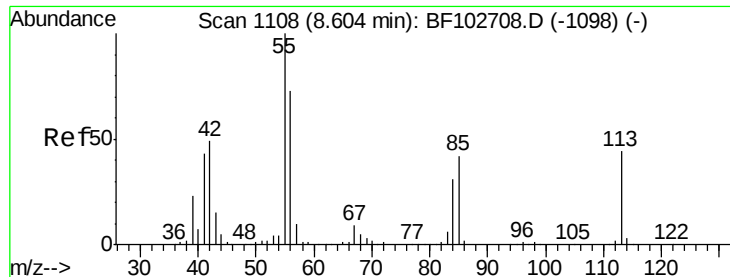
#34
Hexachlorobutadiene
Concen: 35.909 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

Tgt Ion:	225	Resp:	224224
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	62.4	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

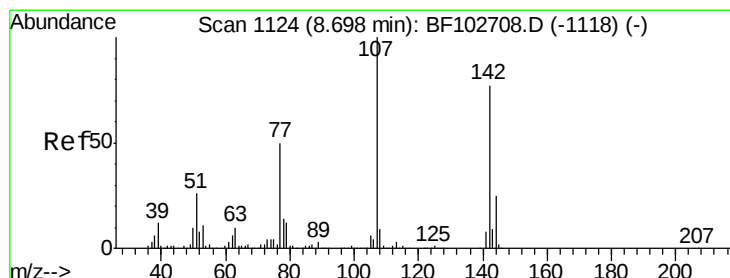
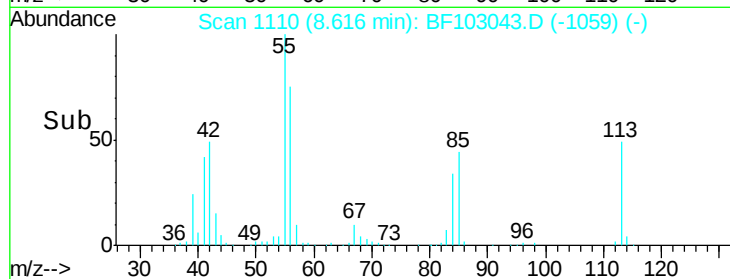
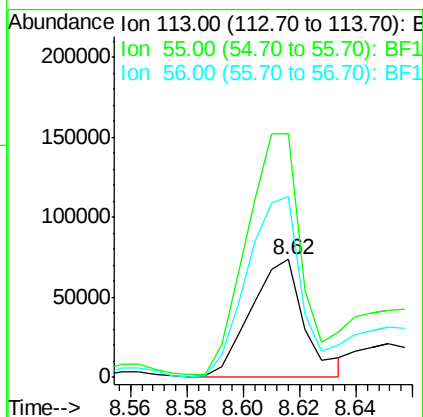
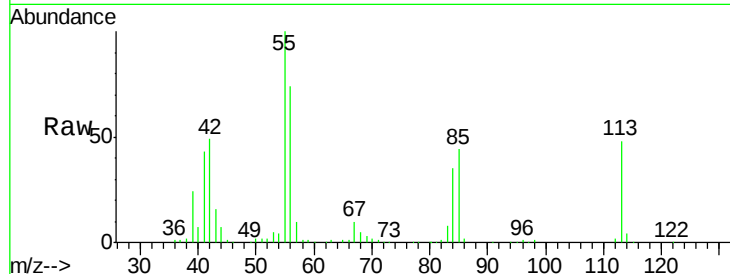




#35
Caprolactam
Concen: 25.921 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

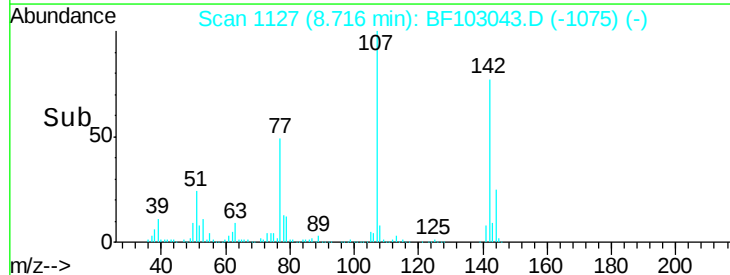
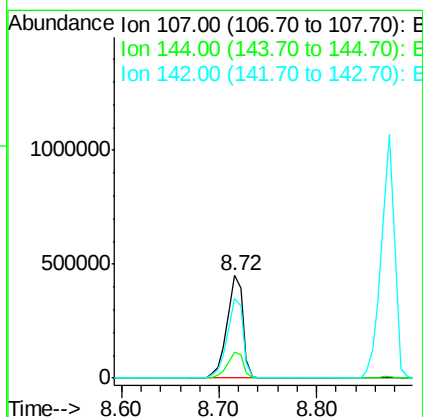
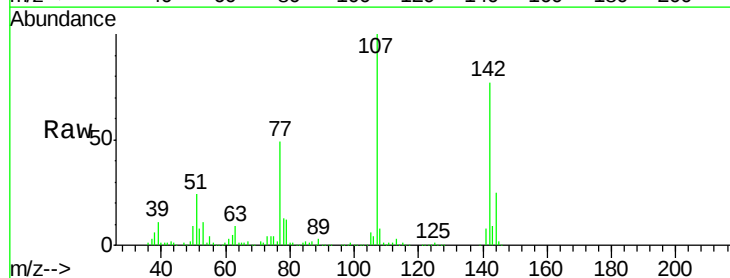
Instrument :
BNA_F
ClientSampleId :

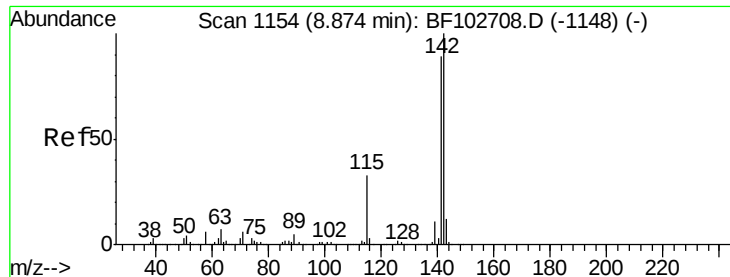
Tot Ion:113 Resp: 96966
Ion Ratio Lower Upper
113 100
55 206.3 163.3 203.3#
56 153.4 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 42.492 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

Tgt Ion:107 Resp: 514264
Ion Ratio Lower Upper
107 100
144 25.1 20.5 30.7
142 77.5 62.0 93.0

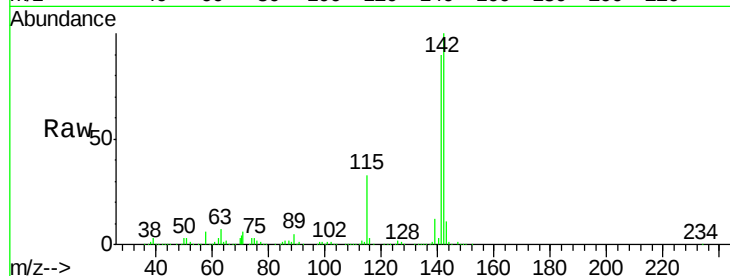




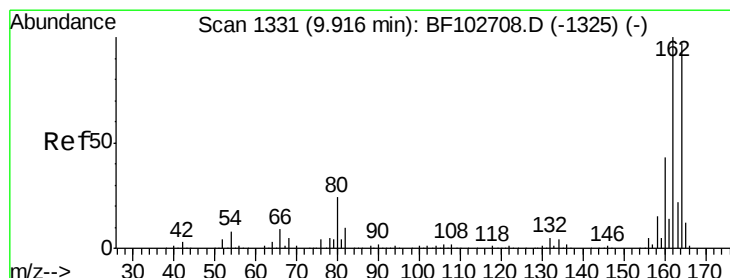
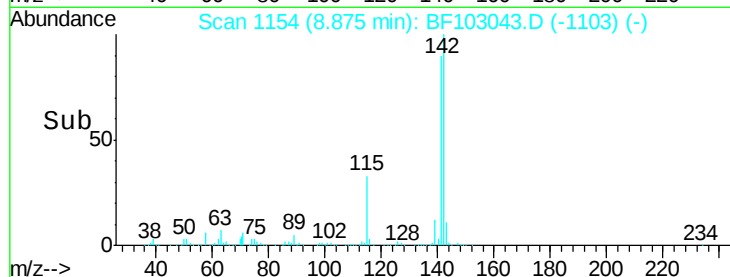
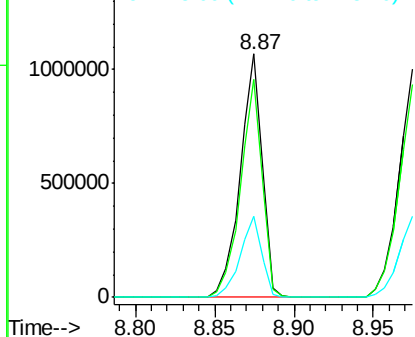
#37
2-Methylnaphthalene
Concen: 37.657 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1017774
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2
115 33.4 26.1 39.1

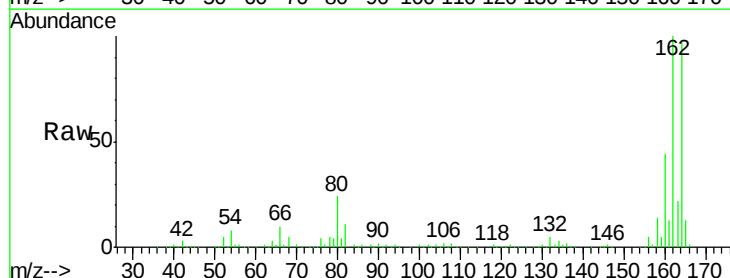


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

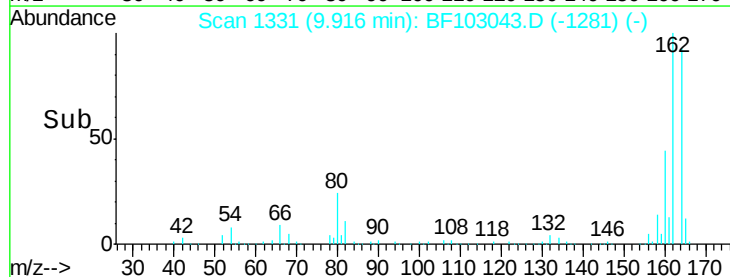
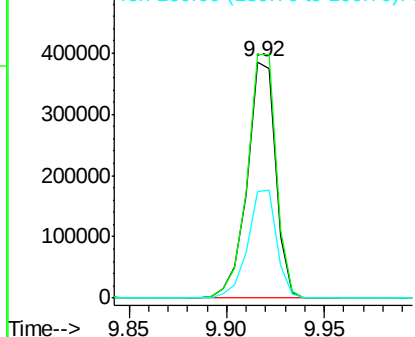


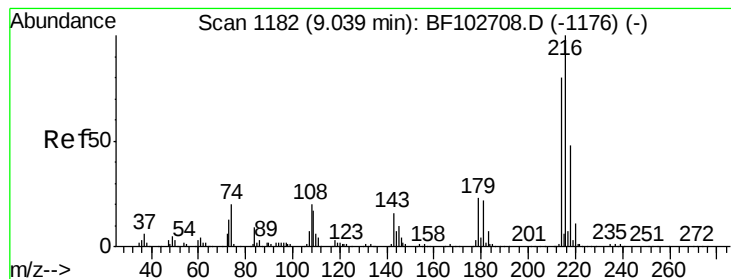
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

Tgt Ion:164 Resp: 389890
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 45.4 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.445 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 386899

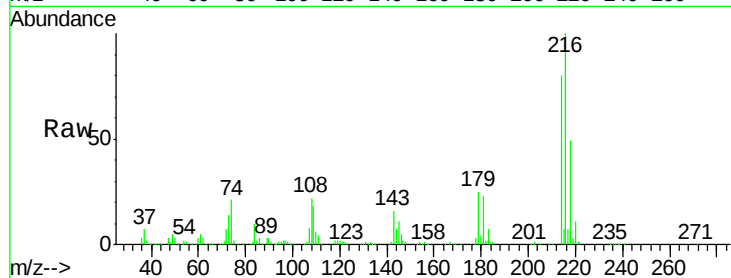
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 23.9 18.1 27.1

108 24.9 17.2 25.8

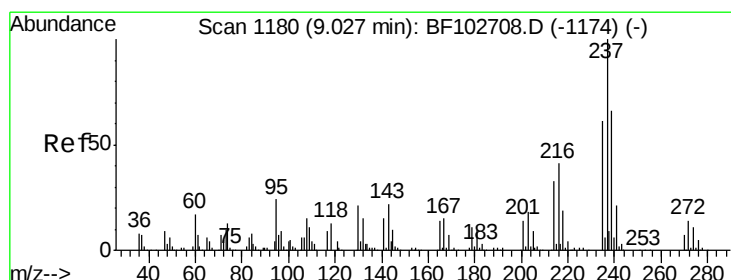
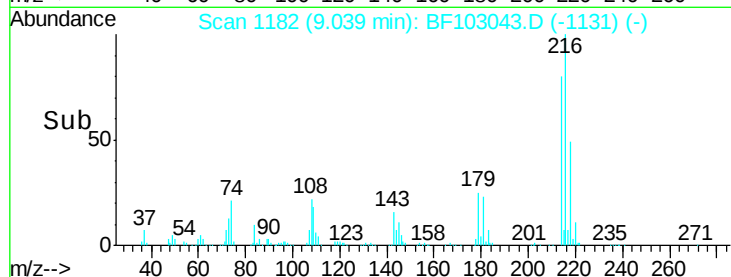
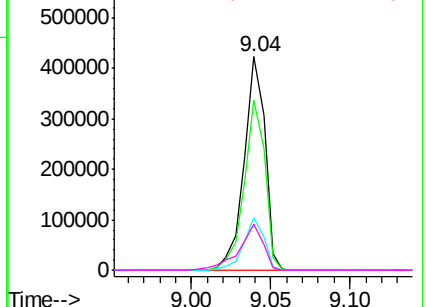


Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.726 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

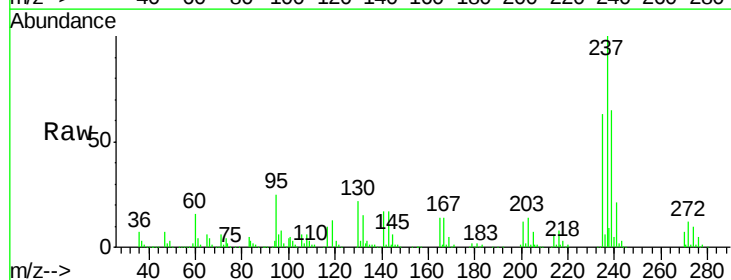
Tgt Ion:237 Resp: 331697

Ion Ratio Lower Upper

237 100

235 62.6 44.8 84.8

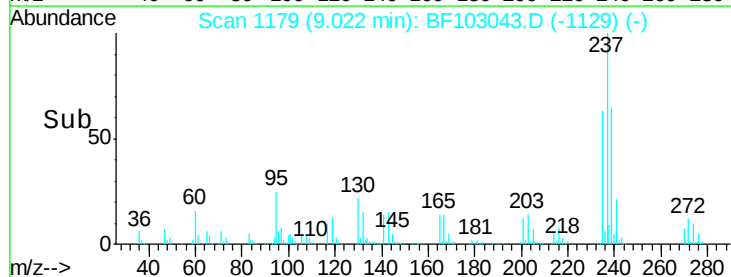
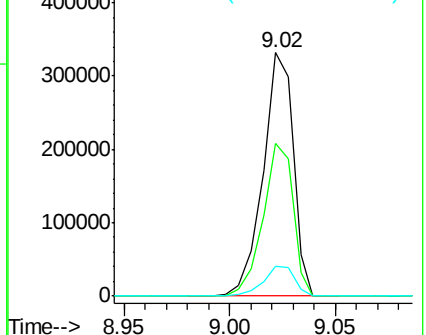
272 12.3 0.0 33.3

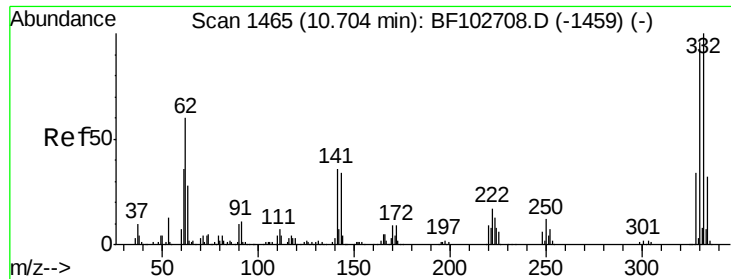


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

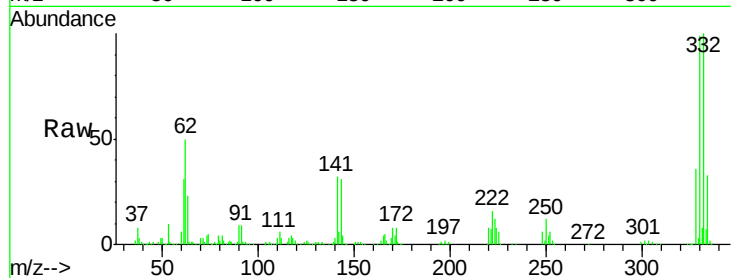




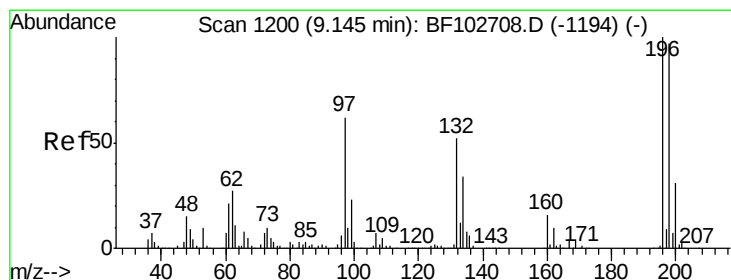
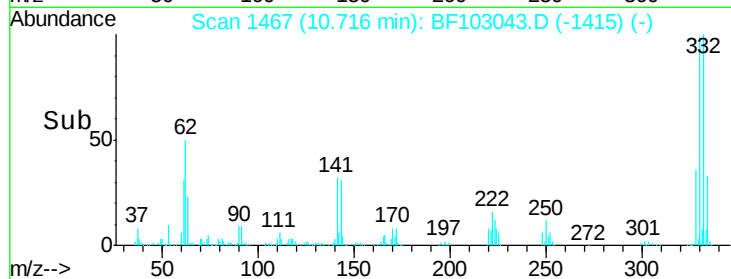
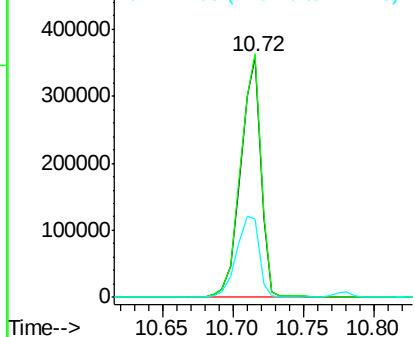
#41
 2,4,6-Tribromophenol
 Concen: 114.887 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103043.D
 Acq: 16 Feb 2018 11:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.6	77.0	115.6
141	37.8	29.9	44.9

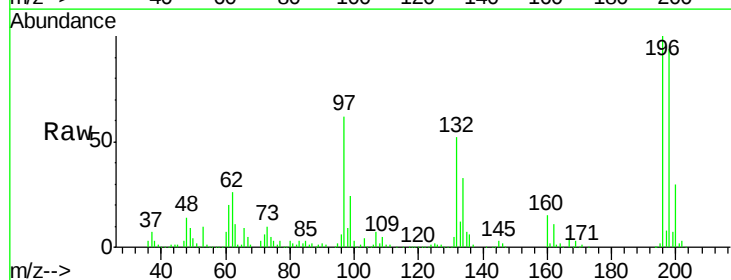


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

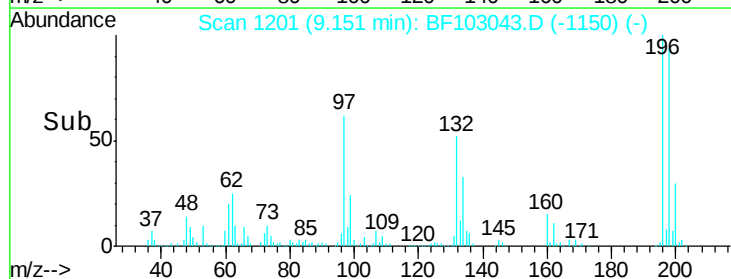
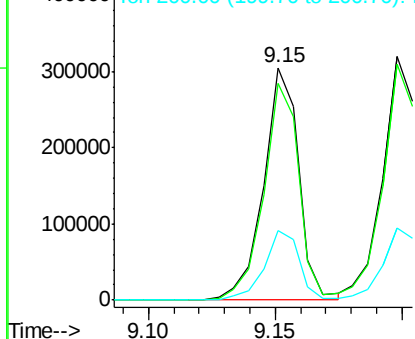


#42
 2,4,6-Trichlorophenol
 Concen: 42.624 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF103043.D
 Acq: 16 Feb 2018 11:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.7	113.5
200	30.1	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

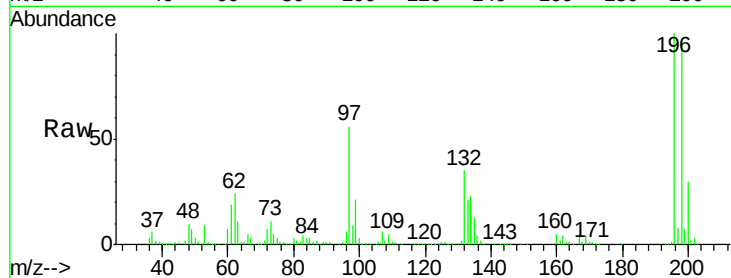




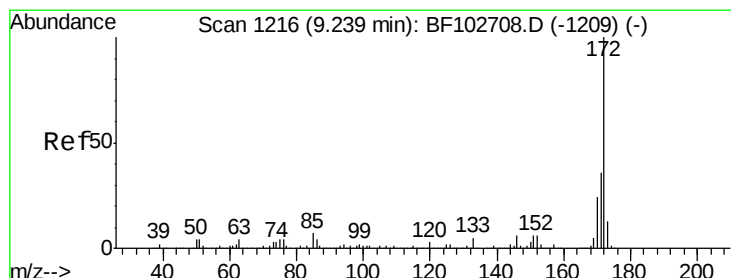
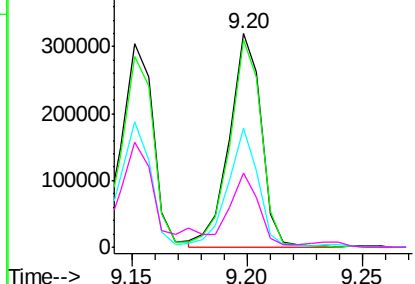
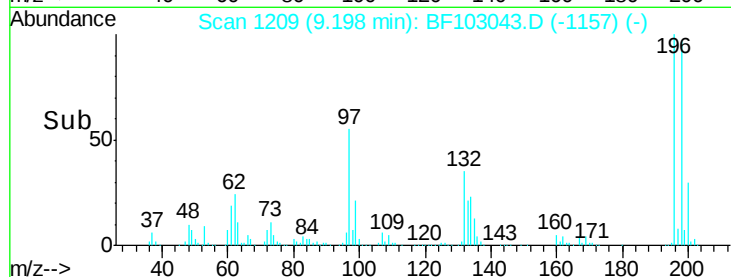
#43
 2,4,5-Trichlorophenol
 Concen: 38.907 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF103043.D
 Acq: 16 Feb 2018 11:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	305775
Ion	Ratio	Lower	Upper
196	100		
198	97.1	74.6	112.0
97	55.6	42.9	64.3
132	34.8	26.3	39.5

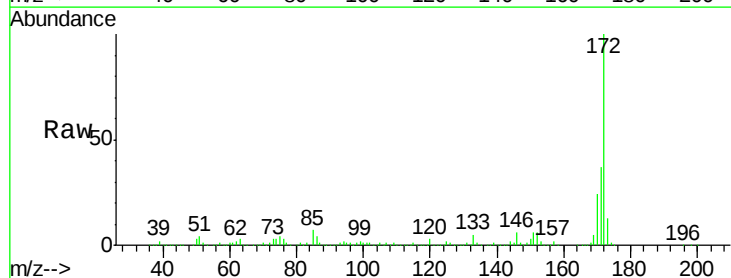


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

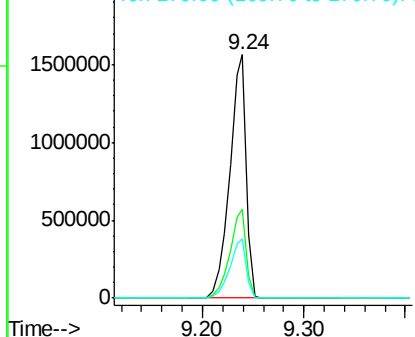
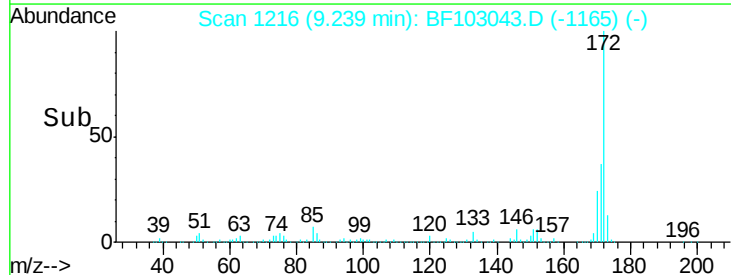


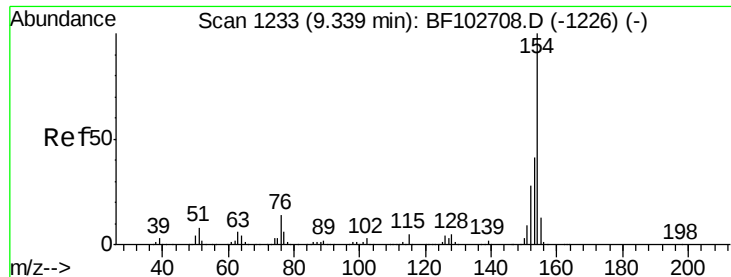
#44
 2-Fluorobiphenyl
 Concen: 74.064 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF103043.D
 Acq: 16 Feb 2018 11:11

Tgt Ion:	172	Resp:	1740234
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	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

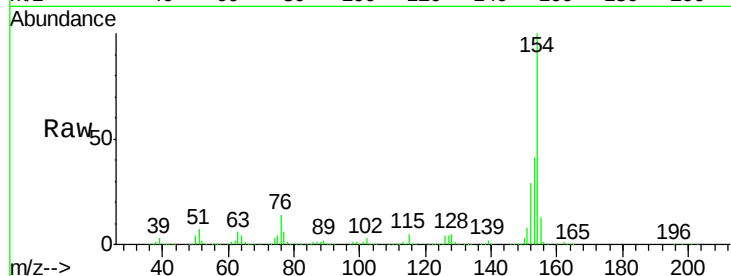




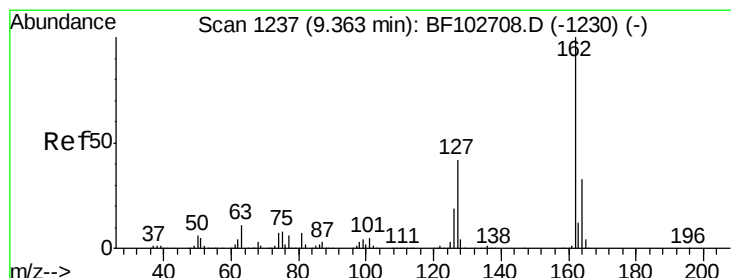
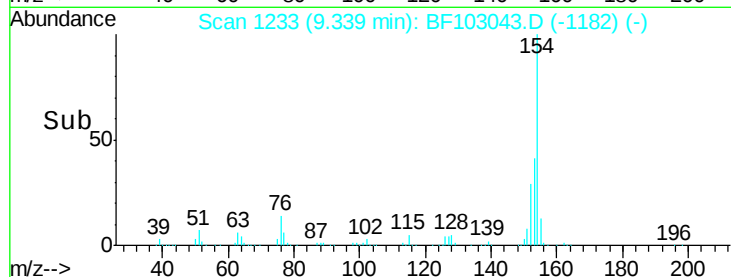
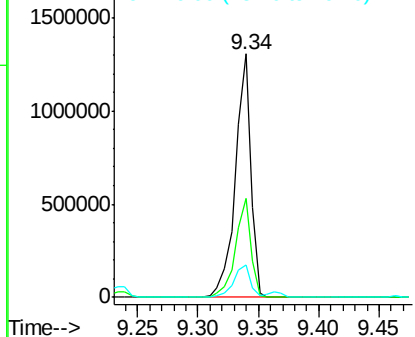
#45
 1,1'-Biphenyl
 Concen: 35.647 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF103043.D
 Acq: 16 Feb 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1170623
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.3 61.3
 76 13.5 0.0 34.0

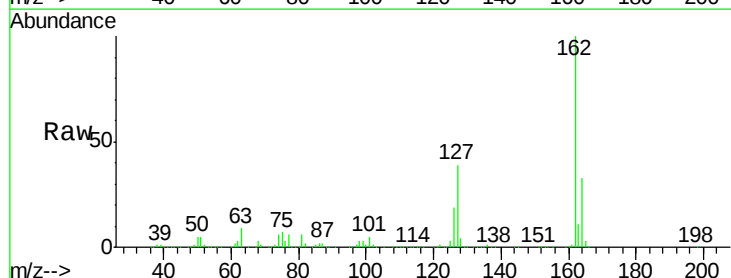


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

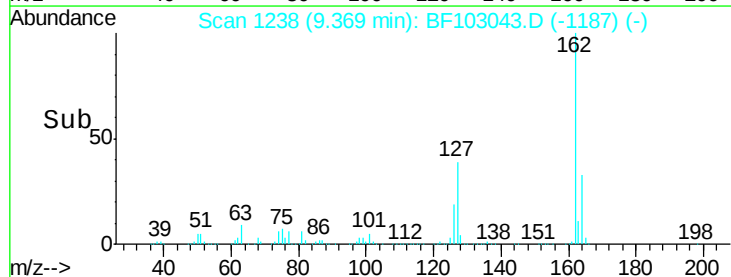
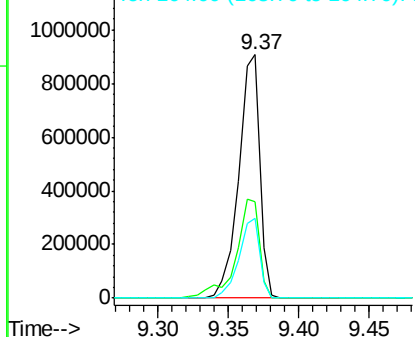


#46
 2-Chloronaphthalene
 Concen: 36.455 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF103043.D
 Acq: 16 Feb 2018 11:11

Tgt Ion:162 Resp: 942498
 Ion Ratio Lower Upper
 162 100
 127 39.3 33.9 50.9
 164 32.6 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: 45.325 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Instrument :

BNA_F

ClientSampleId :

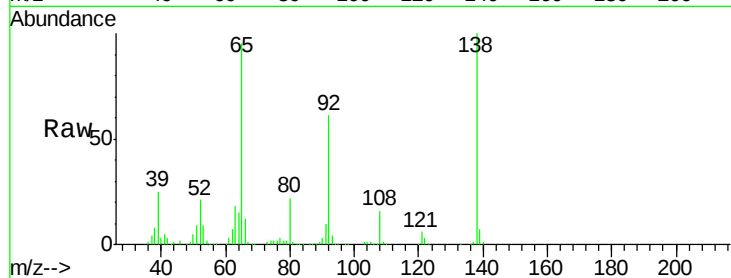
Tot Ion: 65 Resp: 359926

Ion Ratio Lower Upper

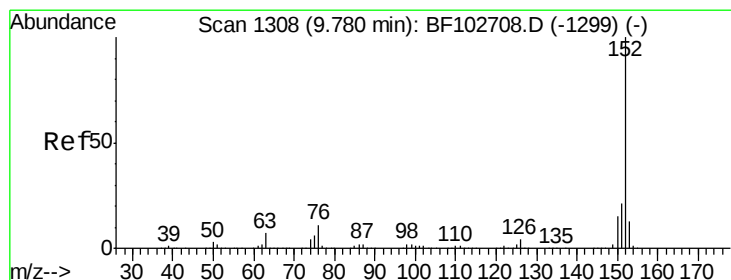
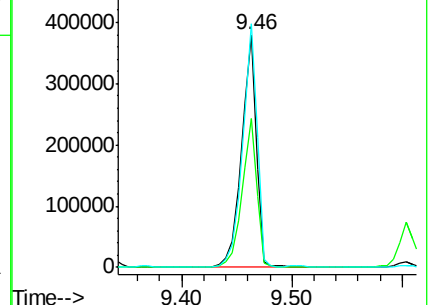
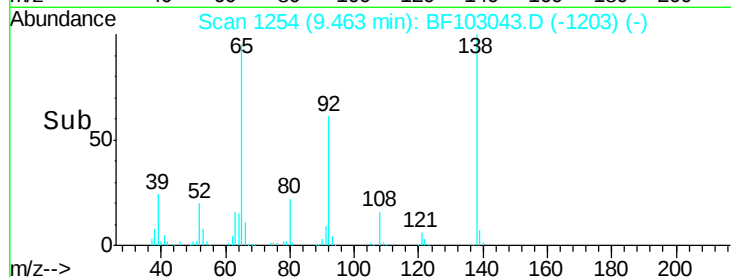
65 100

92 64.2 55.8 83.6

138 104.9 91.2 136.8



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



#48

Acenaphthylene

Concen: 35.303 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

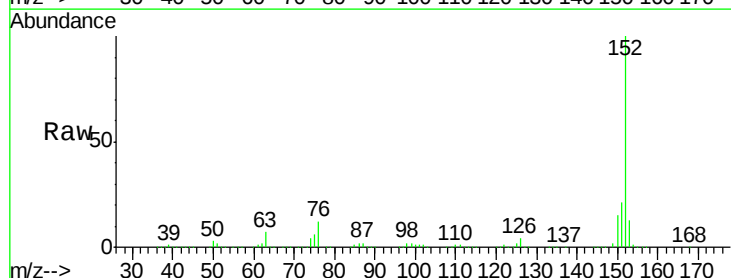
Tgt Ion: 152 Resp: 1417584

Ion Ratio Lower Upper

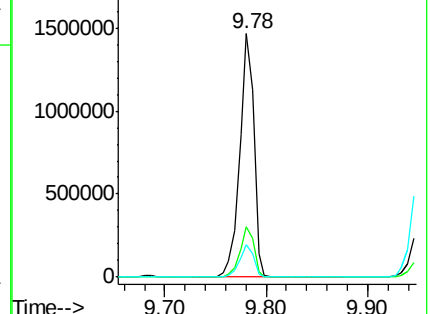
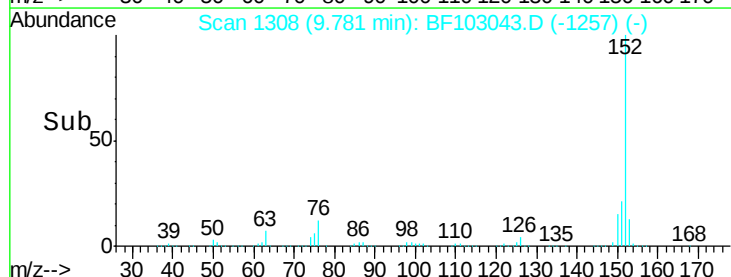
152 100

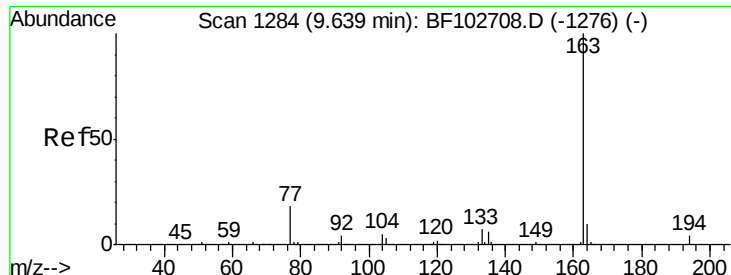
151 20.9 16.3 24.5

153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

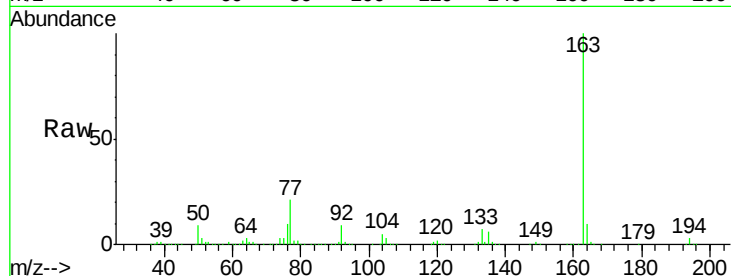




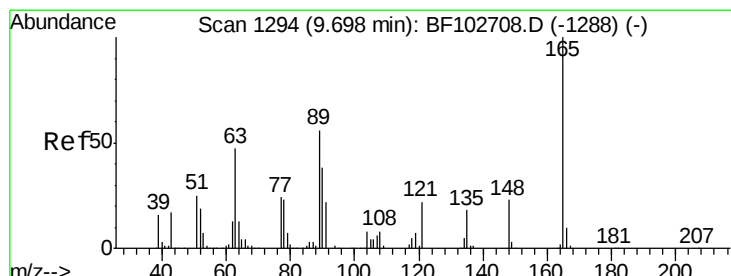
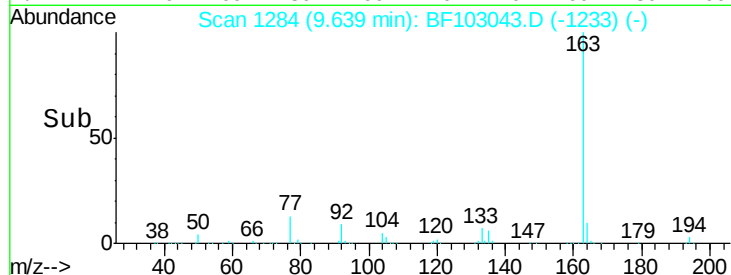
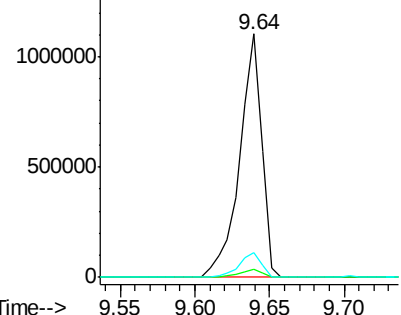
#49
Dimethylphthalate
Concen: 36.962 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1123652
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.4 8.2 12.2

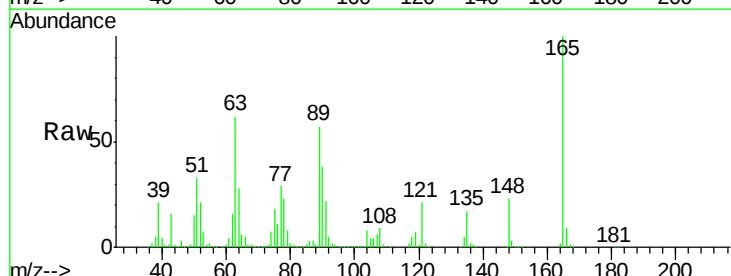


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

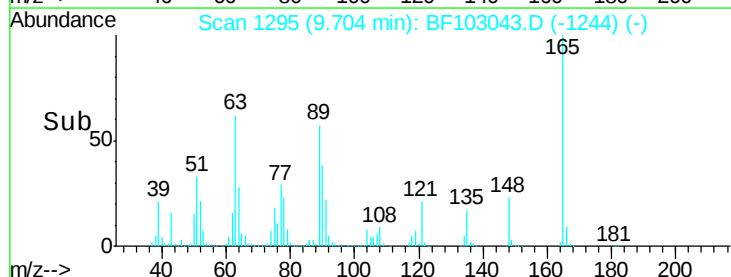
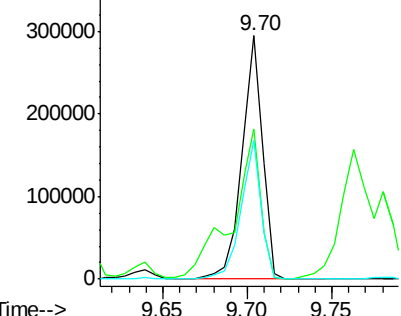


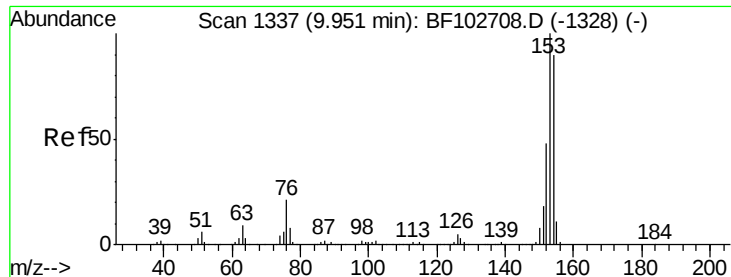
#50
2,6-Dinitrotoluene
Concen: 43.830 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

Tgt Ion:165 Resp: 253501
Ion Ratio Lower Upper
165 100
63 61.7 44.7 67.1
89 56.7 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: 34.486 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Instrument :

BNA_F

ClientSampleId :

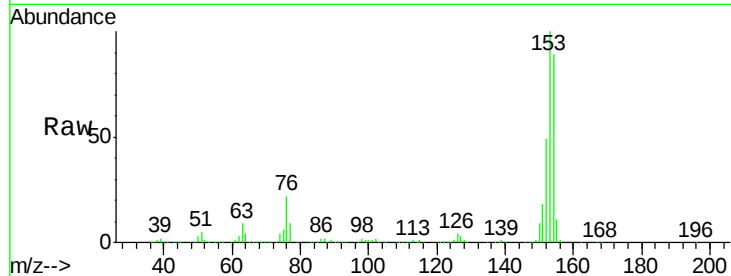
Tot Ion:154 Resp: 828133

Ion Ratio Lower Upper

154 100

153 112.1 91.2 136.8

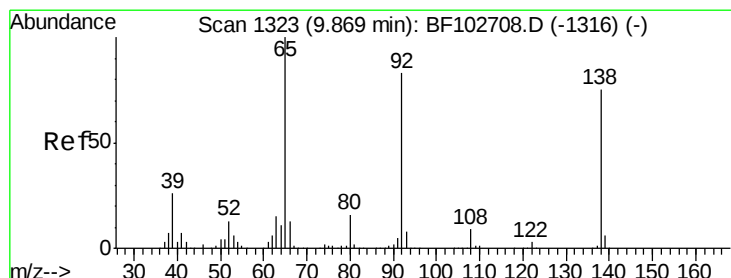
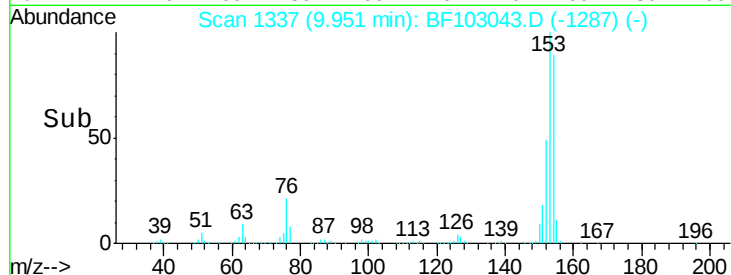
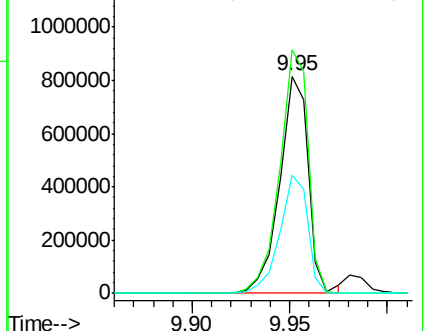
152 54.4 43.8 65.8



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: 29.341 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

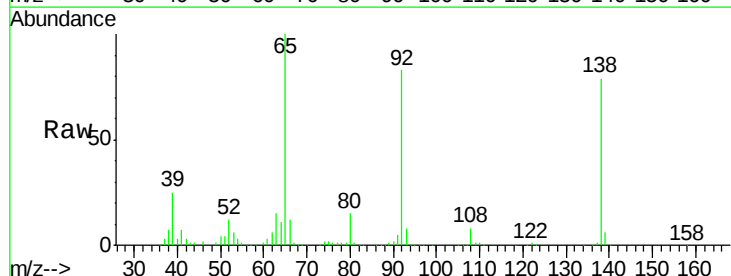
Tgt Ion:138 Resp: 208806

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

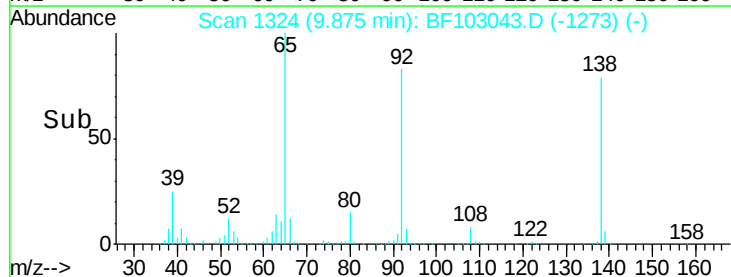
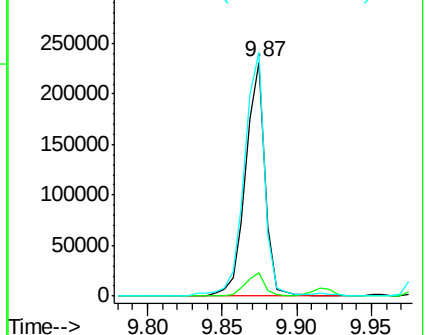
92 104.2 89.4 134.2

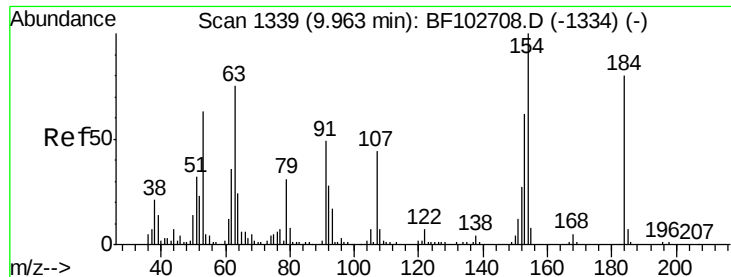


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

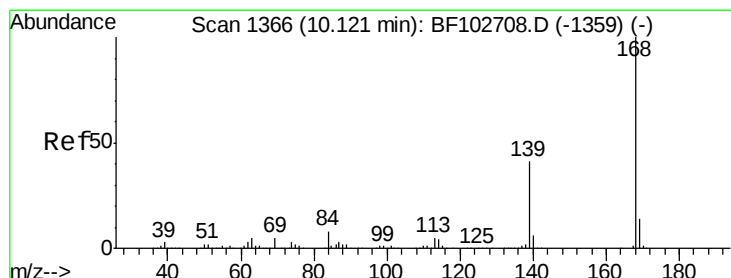
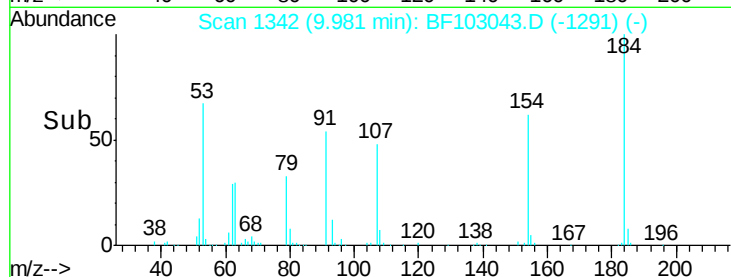
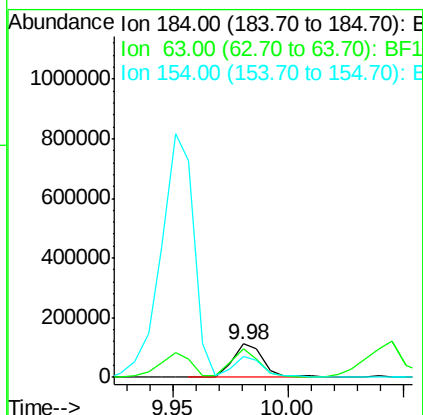
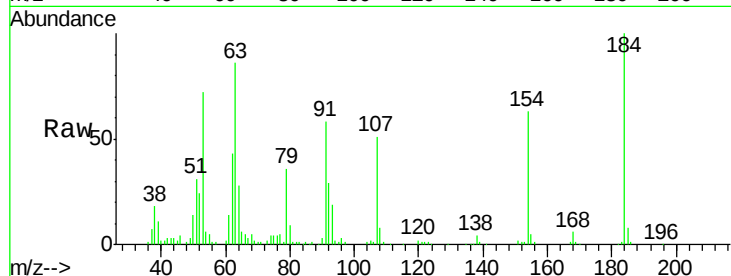




#53
2,4-Dinitrophenol
Concen: 63.672 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

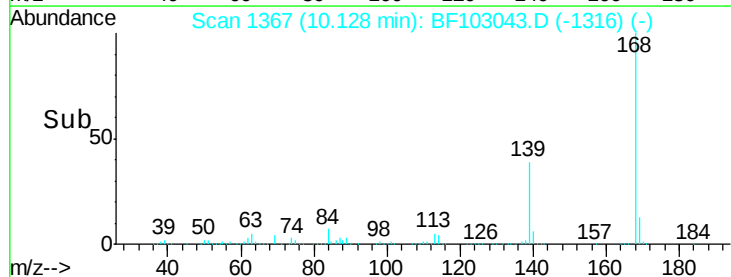
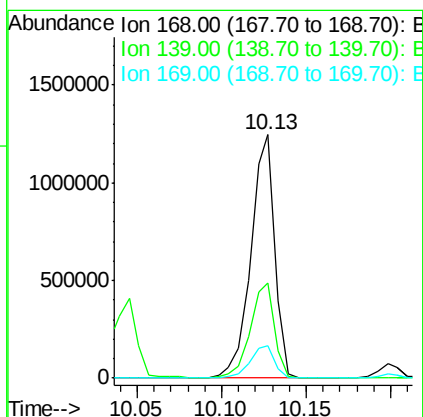
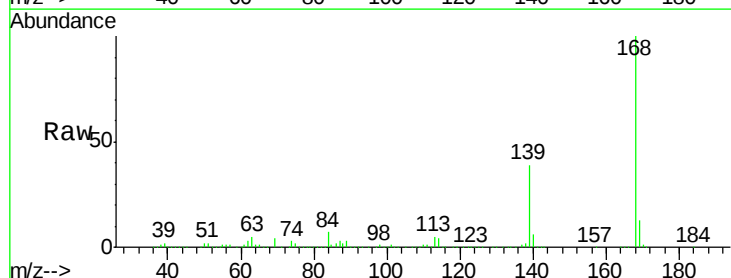
Instrument :
BNA_F
ClientSampleId :

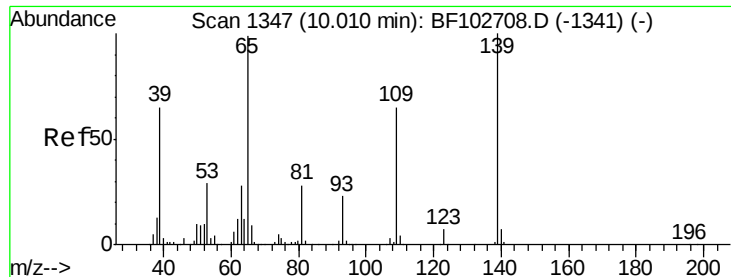
Tot Ion:184 Resp: 105569
Ion Ratio Lower Upper
184 100
63 86.3 54.2 81.2#
154 62.8 184.0 276.0#



#54
Dibenzofuran
Concen: 36.366 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

Tgt Ion:168 Resp: 1230678
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 13.3 10.9 16.3

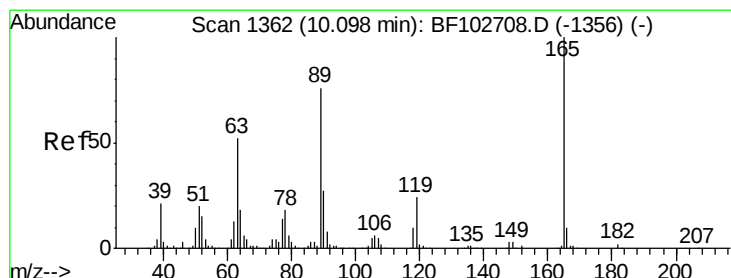
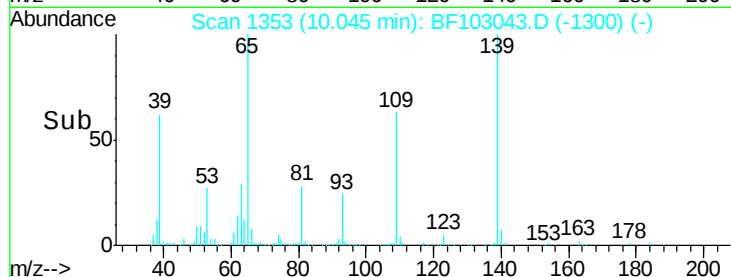
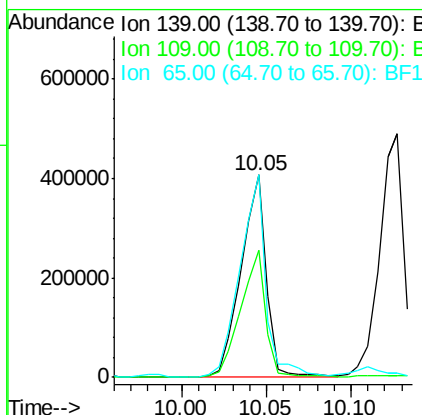
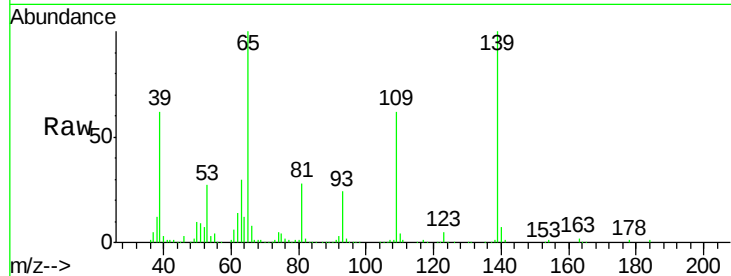




#55
4-Nitrophenol
Concen: 73.616 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

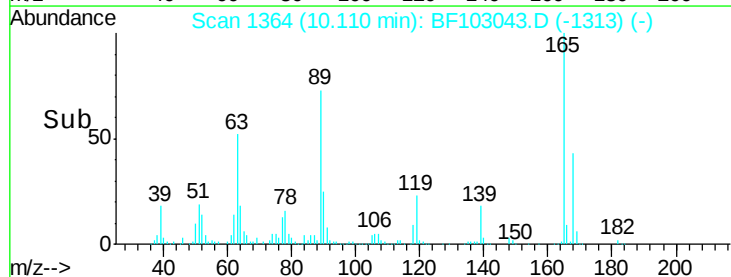
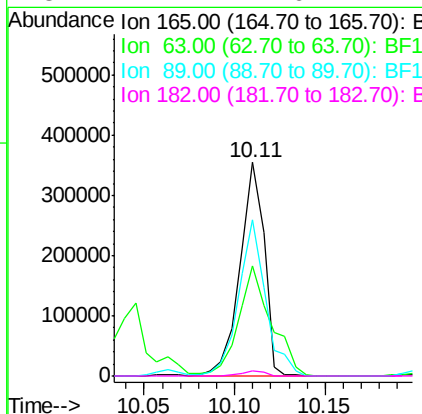
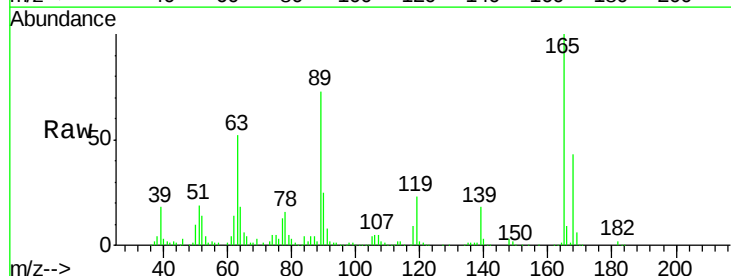
Instrument :
BNA_F
ClientSampleId :

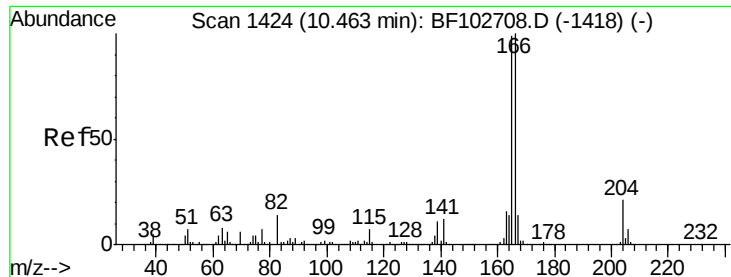
Tot Ion:139 Resp: 428555
Ion Ratio Lower Upper
139 100
109 62.5 48.4 88.4
65 100.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.129 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

Tgt Ion:165 Resp: 331963
Ion Ratio Lower Upper
165 100
63 51.7 36.4 54.6
89 73.1 57.8 86.6
182 2.4 1.6 2.4





#57

Fluorene

Concen: 38.197 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Instrument :

BNA_F

ClientSampleId :

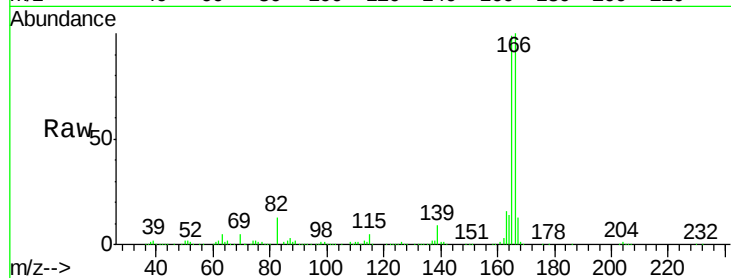
Tot Ion:166 Resp: 940515

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

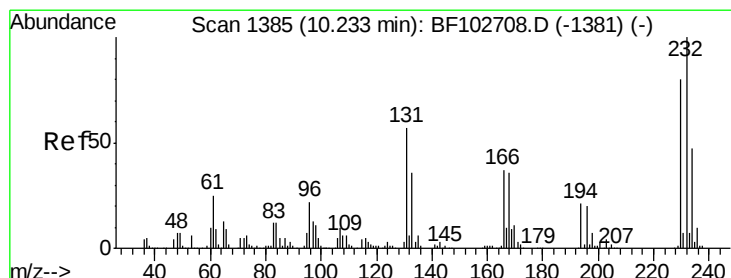
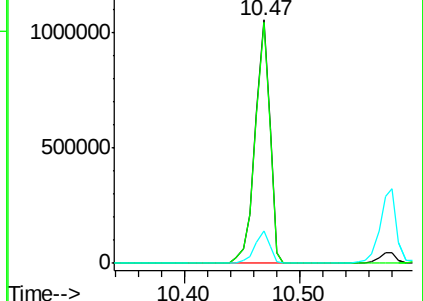
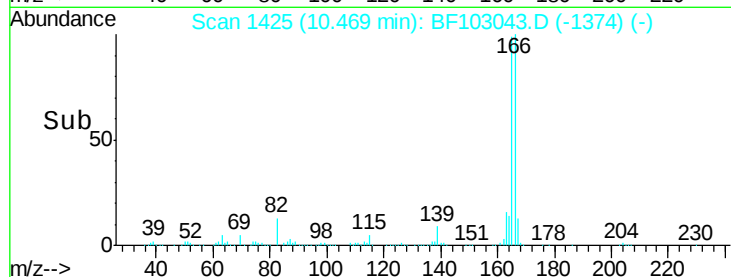
167 13.3 10.6 16.0



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: 42.335 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Tgt Ion:232 Resp: 230599

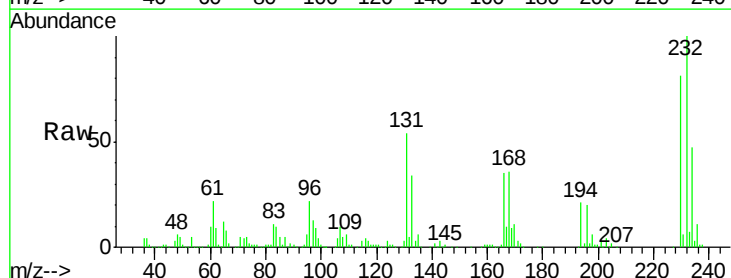
Ion Ratio Lower Upper

232 100

131 55.8 43.8 65.8

130 2.7 2.1 3.1

166 36.1 27.8 41.6

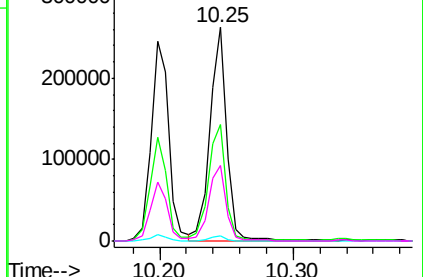
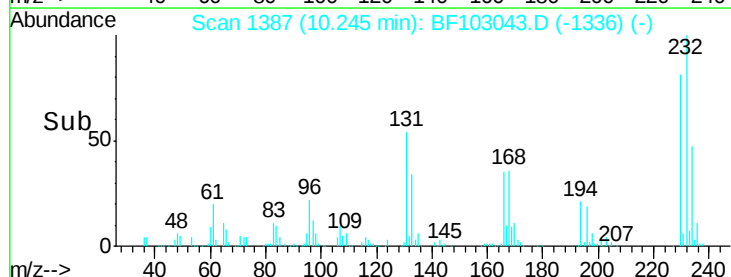


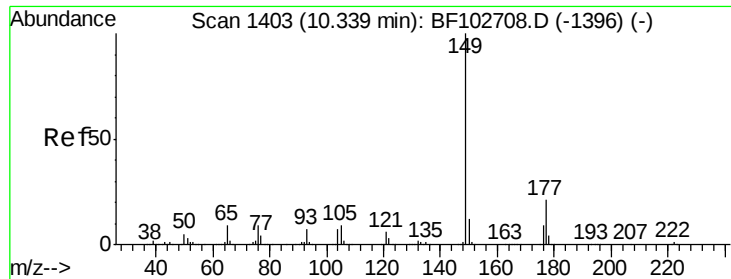
Abundance Ion 232.00 (231.70 to 232.70): E

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

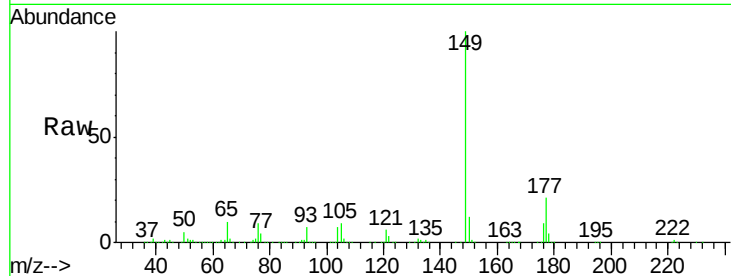




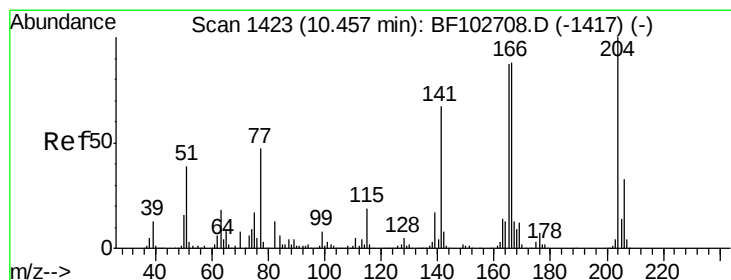
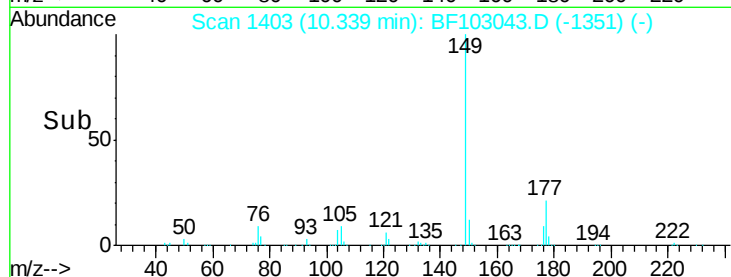
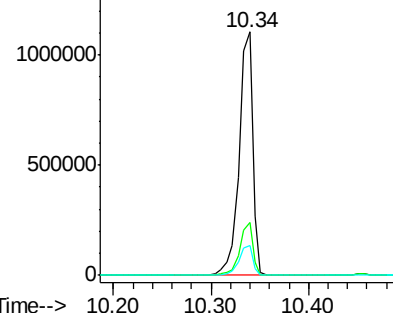
#59
Diethylphthalate
Concen: 36.296 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1089533
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.2 10.1 15.1

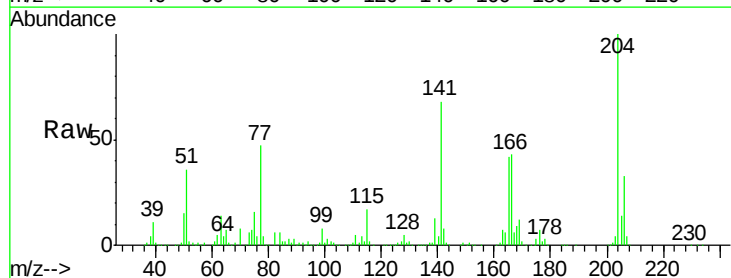


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

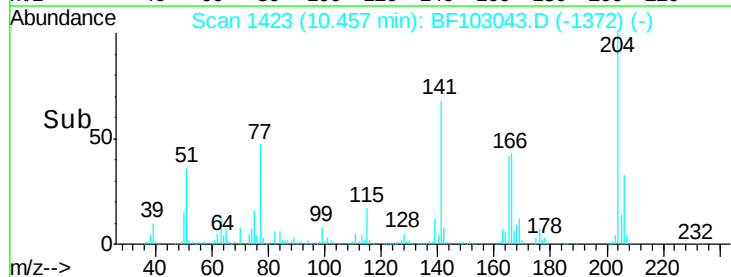
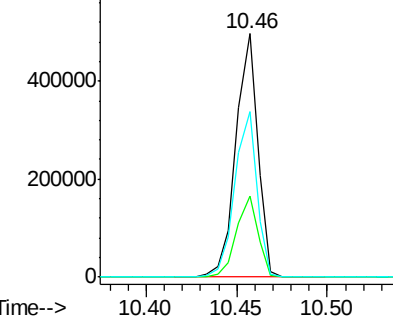


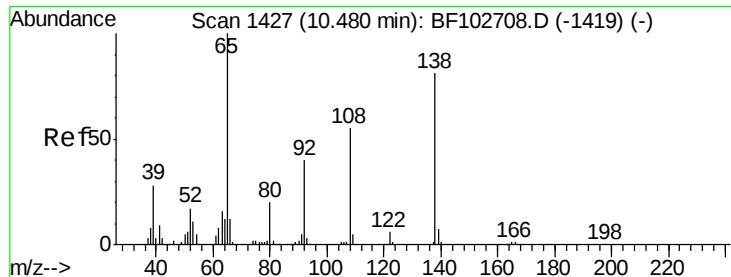
#60
4-Chlorophenyl-phenylether
Concen: 38.394 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

Tgt Ion:204 Resp: 418195
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 67.9 54.6 81.8



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

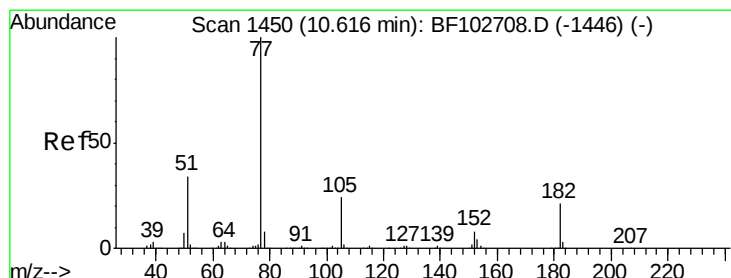
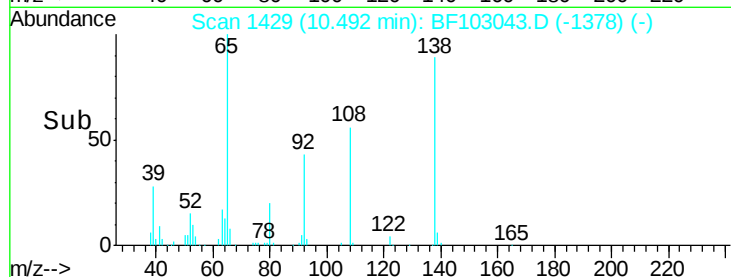
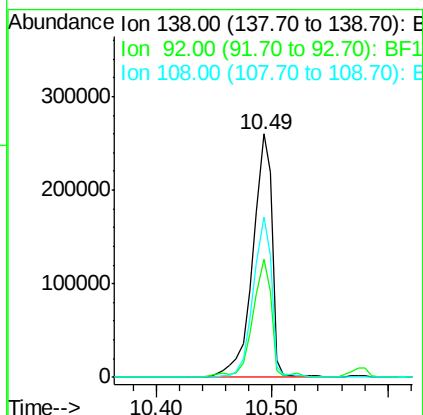
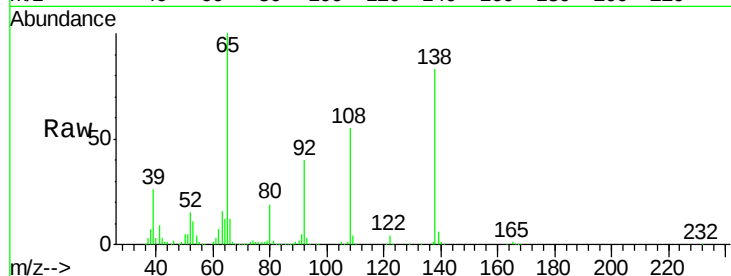




#61
4-Nitroaniline
Concen: 44.933 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

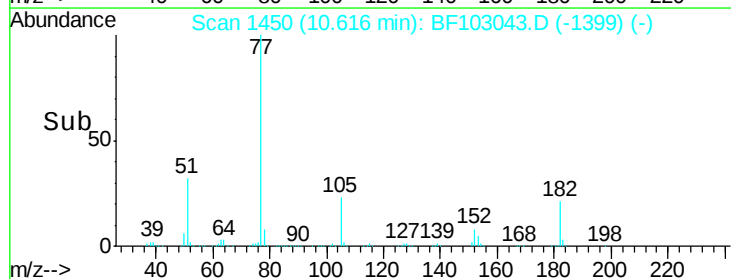
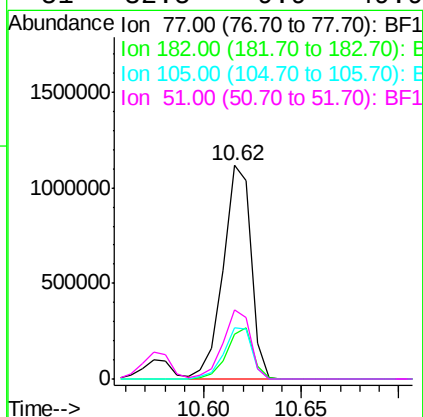
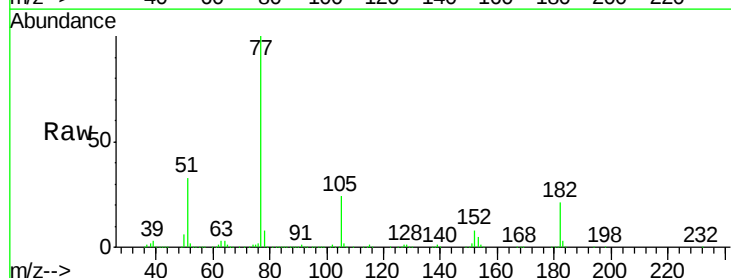
Instrument :
BNA_F
ClientSampleId :

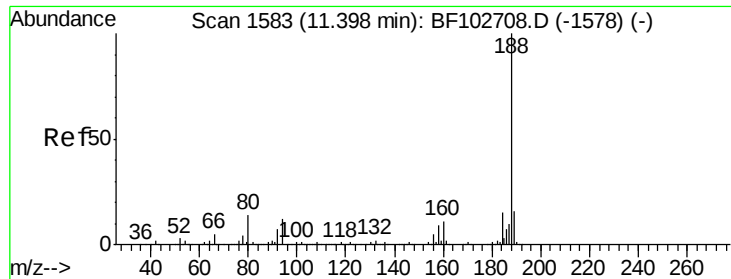
Tot Ion:138 Resp: 304373
Ion Ratio Lower Upper
138 100
92 48.5 30.2 70.2
108 66.1 52.5 92.5



#62
Azobenzene
Concen: 36.861 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

Tgt Ion: 77 Resp: 1105380
Ion Ratio Lower Upper
77 100
182 20.9 1.7 41.7
105 23.8 3.0 43.0
51 32.5 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Instrument :

BNA_F

ClientSampleId :

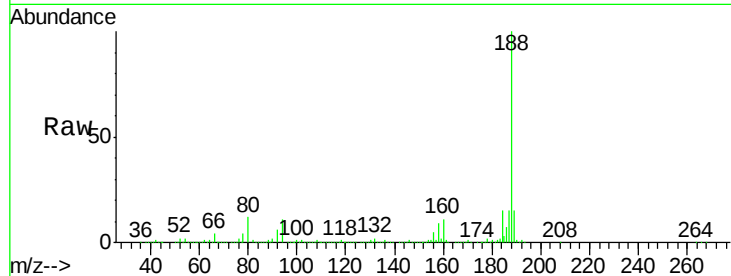
Tot Ion:188 Resp: 671109

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

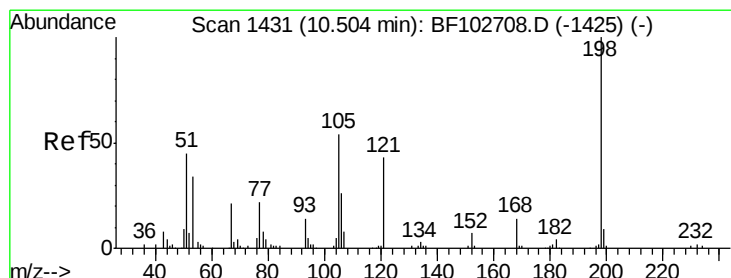
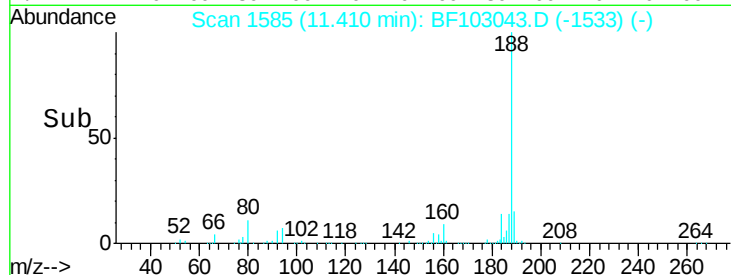
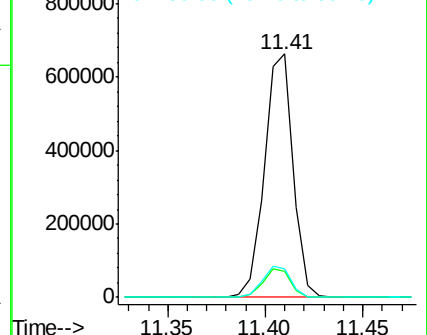
80 11.9 9.2 13.8



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: 42.078 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

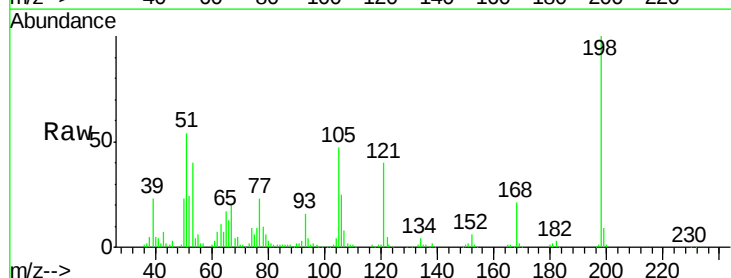
Tgt Ion:198 Resp: 111754

Ion Ratio Lower Upper

198 100

51 53.8 37.7 77.7

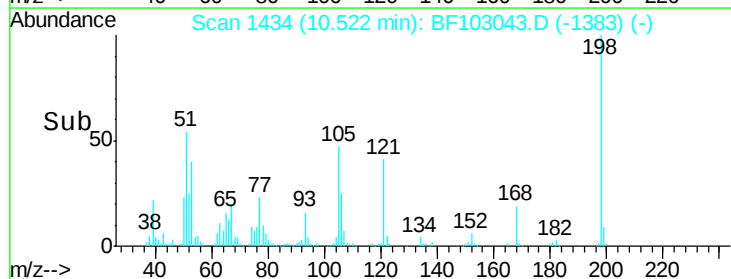
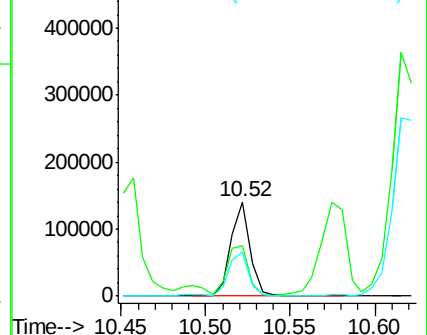
105 46.7 36.3 76.3

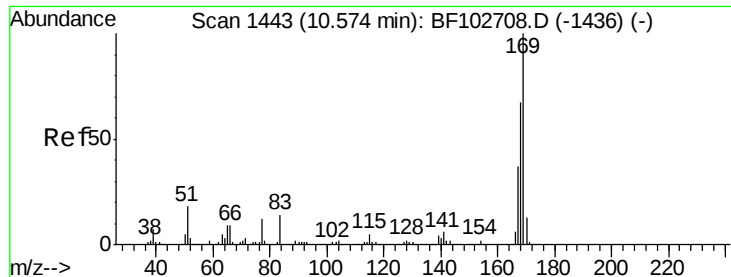


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.580 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Instrument :

BNA_F

ClientSampled :

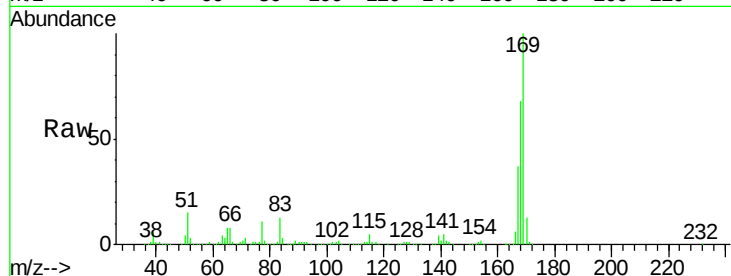
Tot Ion:169 Resp: 865928

Ion Ratio Lower Upper

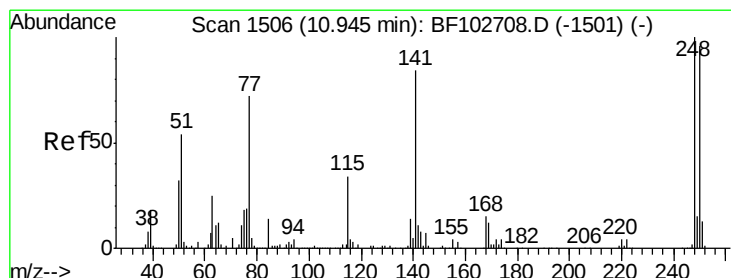
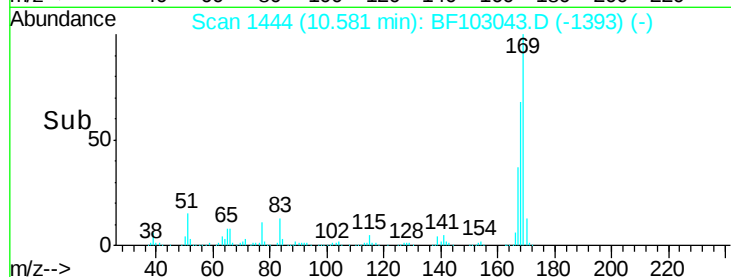
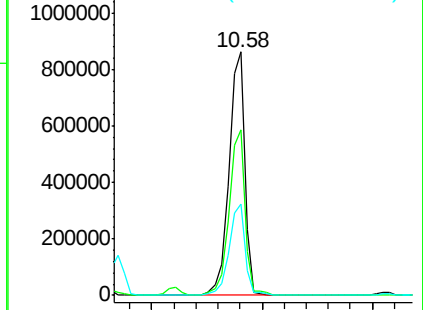
169 100

168 67.8 54.4 81.6

167 37.4 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.765 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

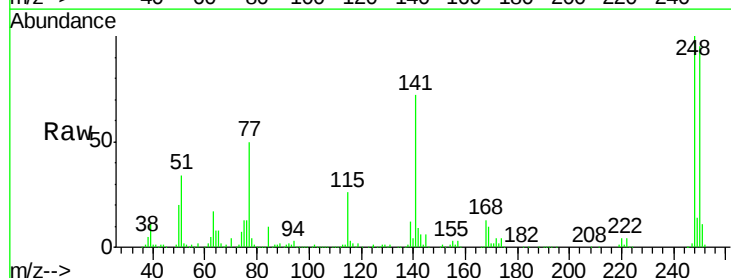
Tgt Ion:248 Resp: 268095

Ion Ratio Lower Upper

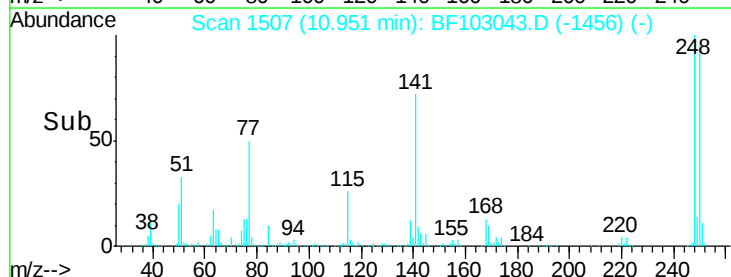
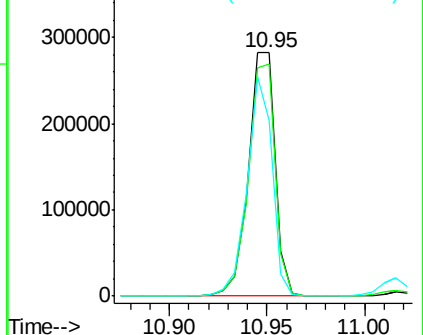
248 100

250 95.1 76.9 115.3

141 71.9 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

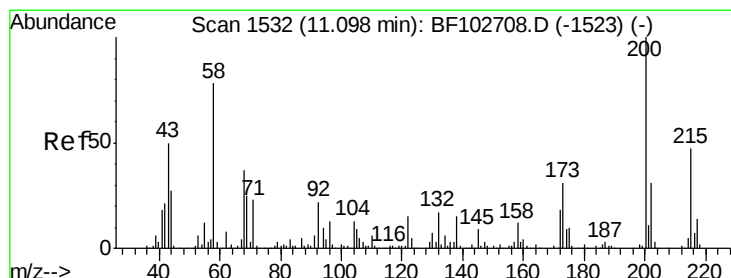
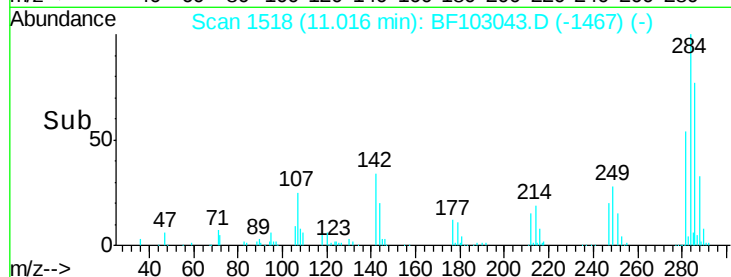
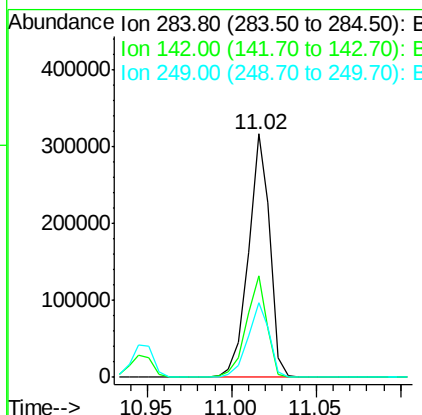
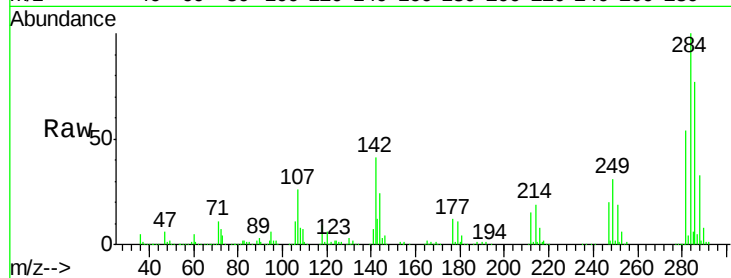




#67
Hexachlorobenzene
Concen: 35.692 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

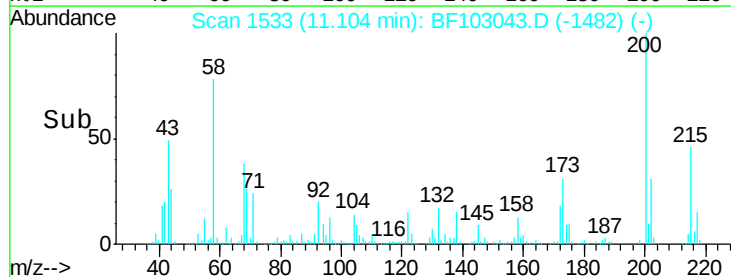
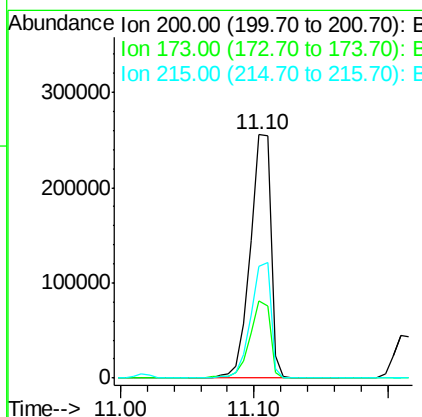
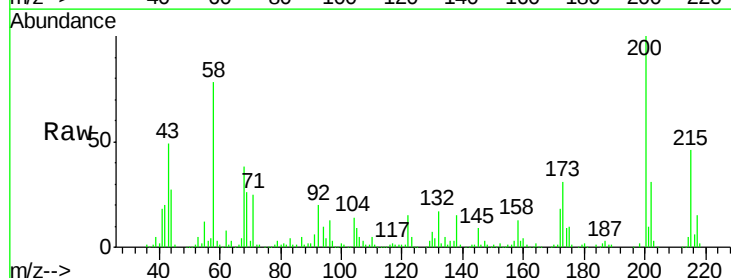
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 279526
Ion Ratio Lower Upper
284 100
142 41.5 34.6 52.0
249 30.7 24.8 37.2



#68
Atrazine
Concen: 38.457 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

Tgt Ion:200 Resp: 268565
Ion Ratio Lower Upper
200 100
173 31.5 8.6 48.6
215 45.8 25.1 65.1

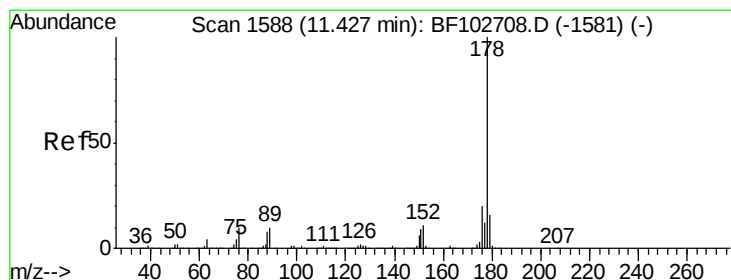
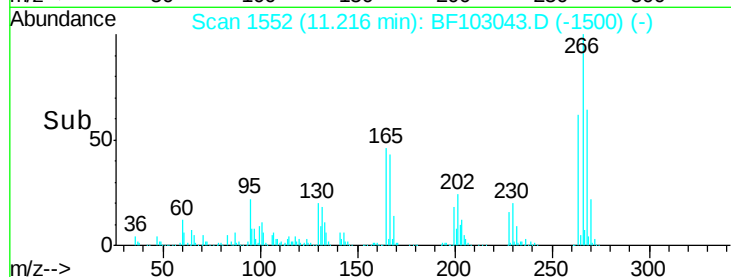
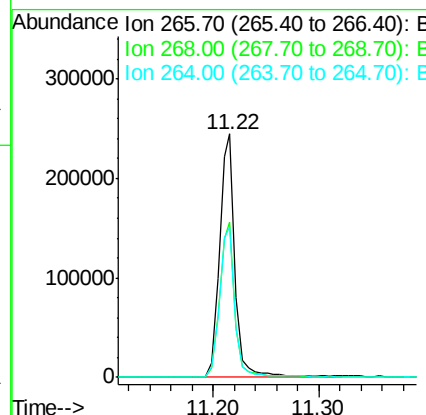
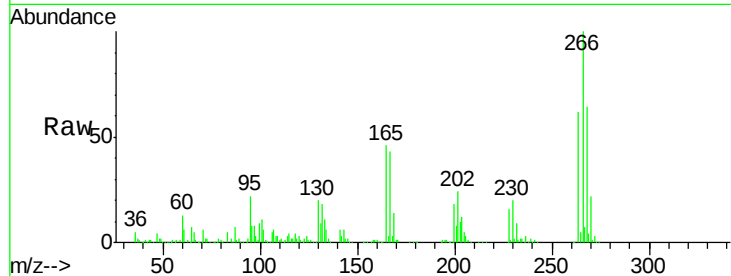




#69
 Pentachlorophenol
 Concen: 55.562 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103043.D
 Acq: 16 Feb 2018 11:11

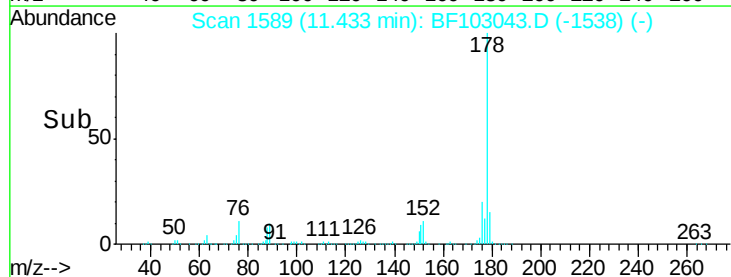
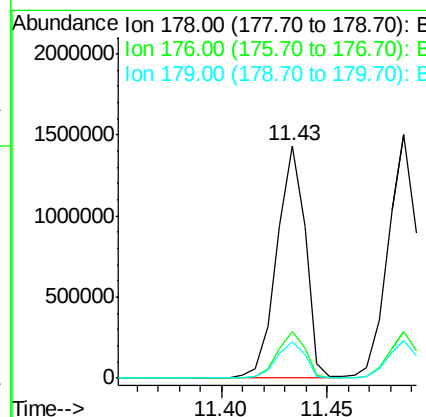
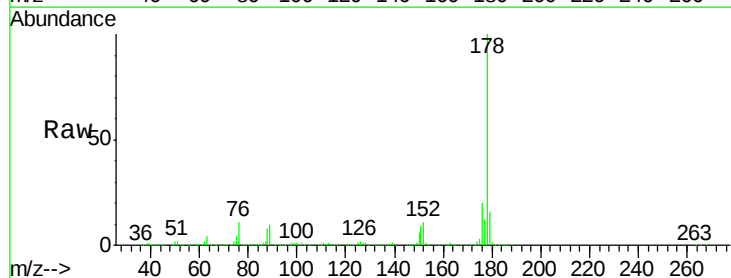
Instrument :
 BNA_F
 ClientSampleId :

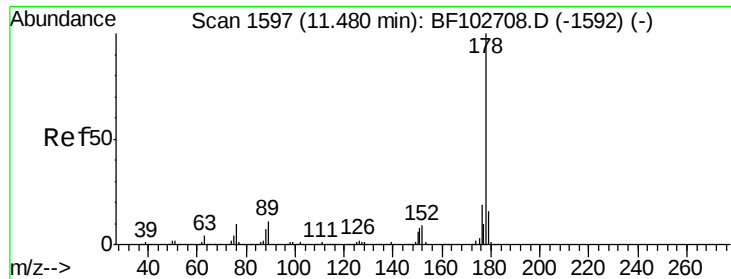
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	61.6	49.5	74.3



#70
 Phenanthrene
 Concen: 36.034 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103043.D
 Acq: 16 Feb 2018 11:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.6	13.0	19.6

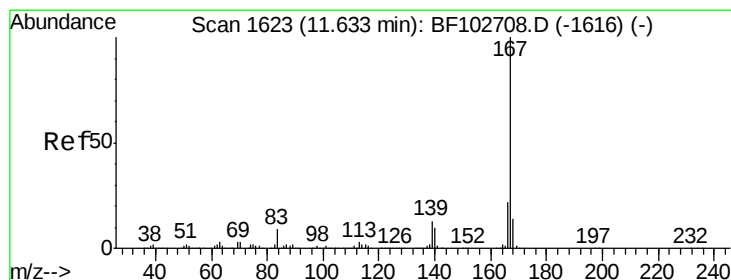
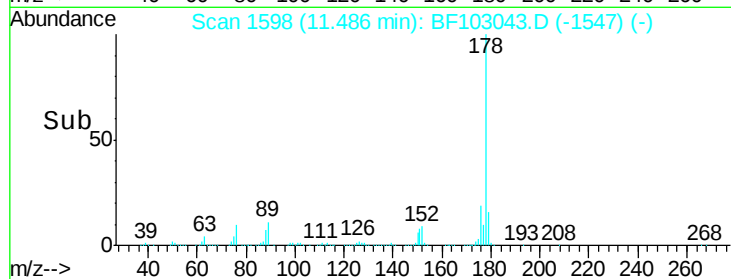
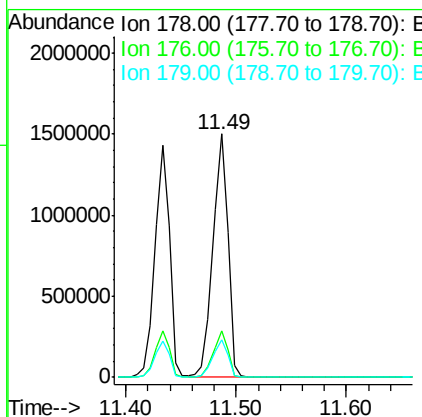
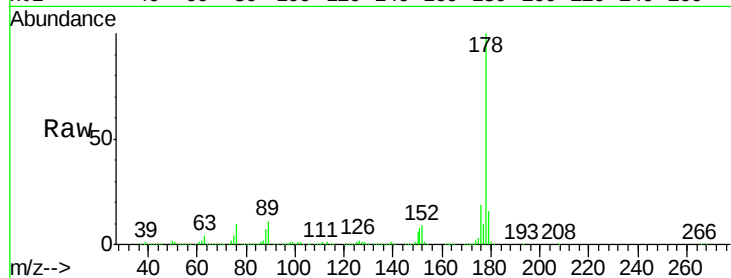




#71
 Anthracene
 Concen: 36.899 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103043.D
 Acq: 16 Feb 2018 11:11

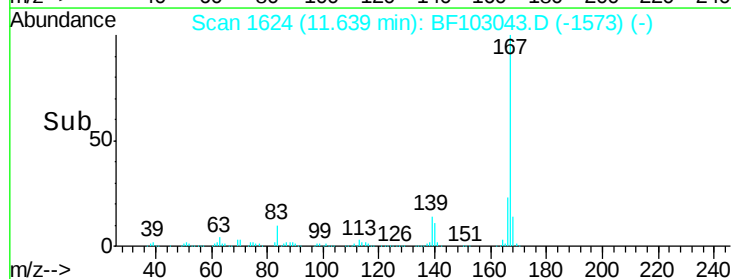
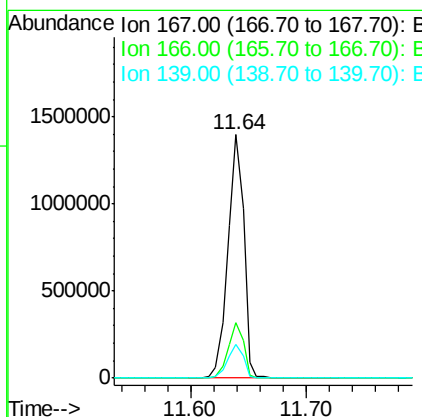
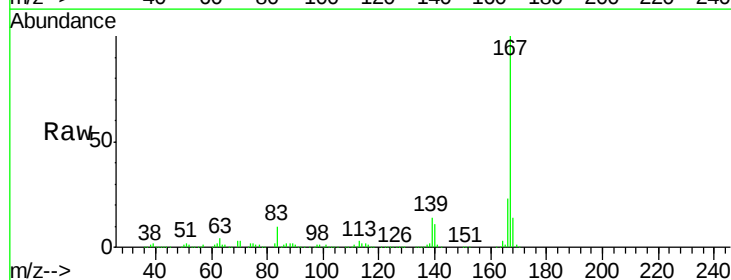
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1402713
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 35.815 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103043.D
 Acq: 16 Feb 2018 11:11

Tgt Ion:167 Resp: 1333847
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.717 ng

RT: 11.96 min Scan# 1679

Delta R.T. 0.01 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Instrument :

BNA_F

ClientSampleId :

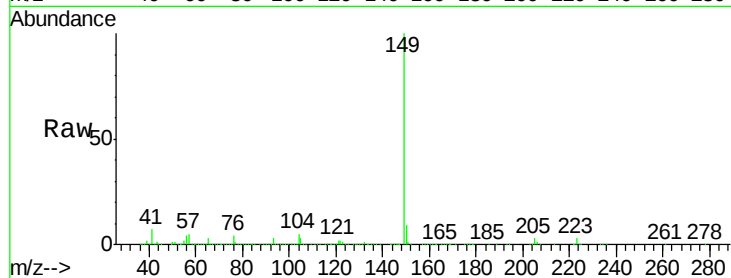
Tot Ion:149 Resp: 1706341

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

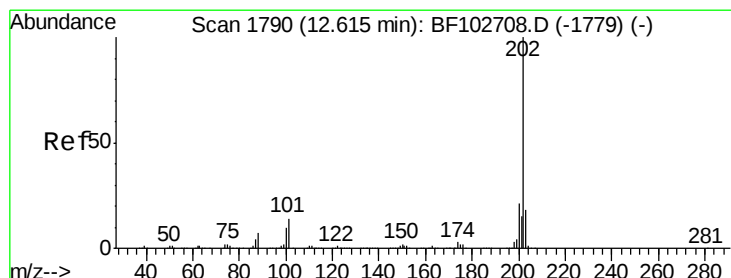
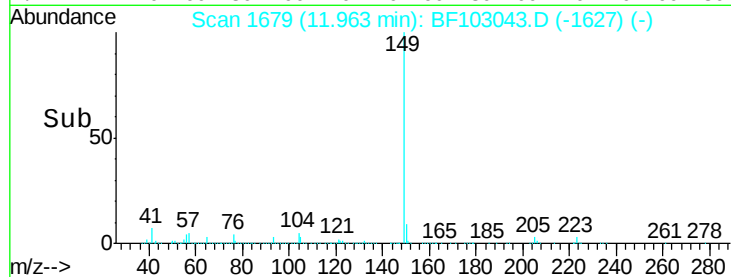
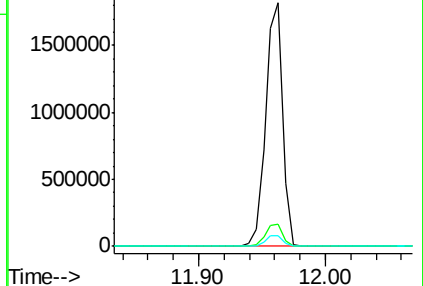
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.997 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

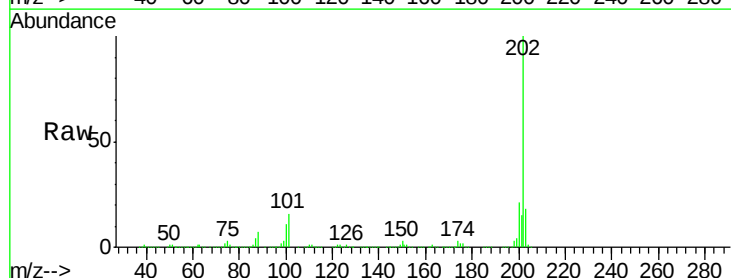
Tgt Ion:202 Resp: 1353686

Ion Ratio Lower Upper

202 100

101 16.2 0.0 34.1

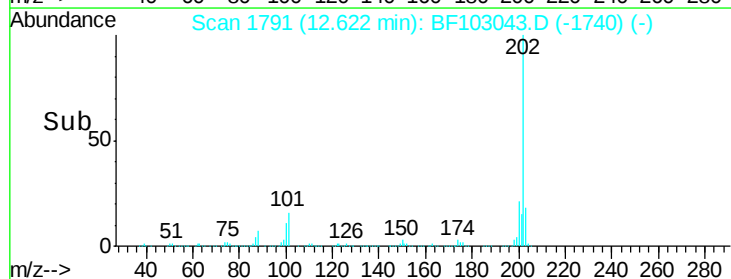
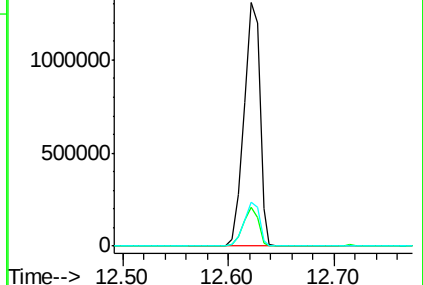
203 18.0 0.0 38.1

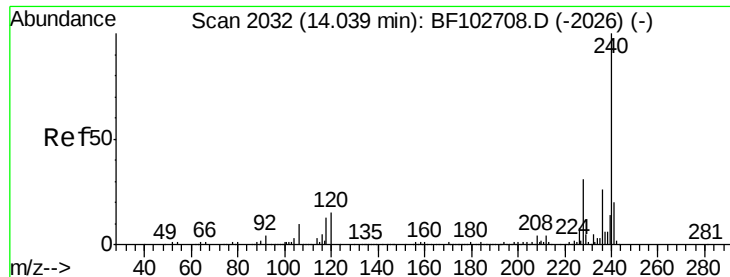


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Instrument :

BNA_F

ClientSampleId :

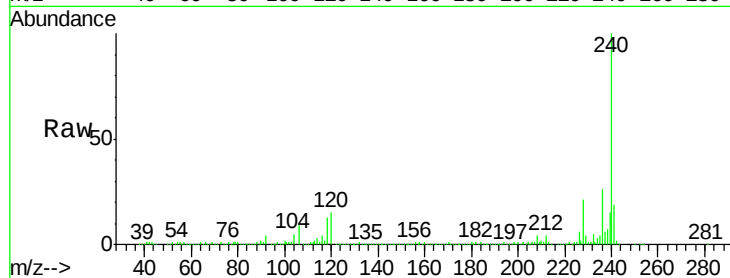
Tot Ion:240 Resp: 466999

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

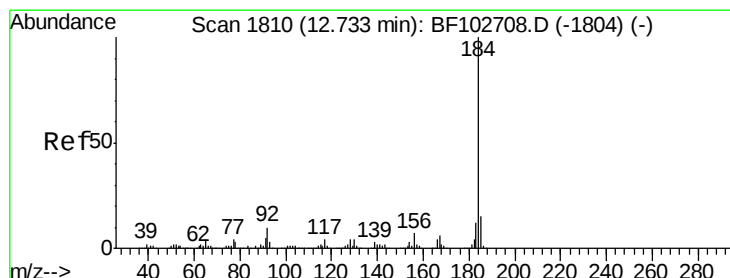
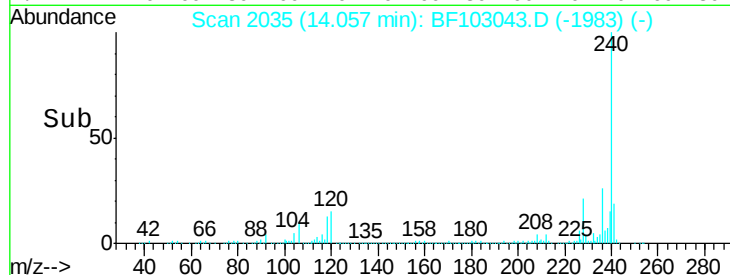
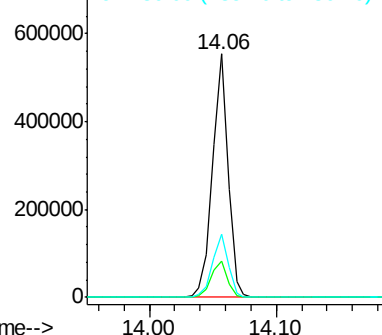
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.041 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

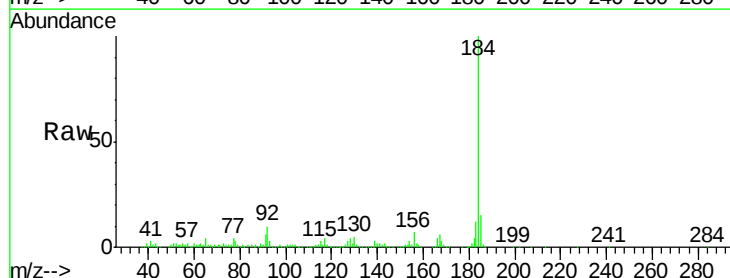
Tgt Ion:184 Resp: 558935

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

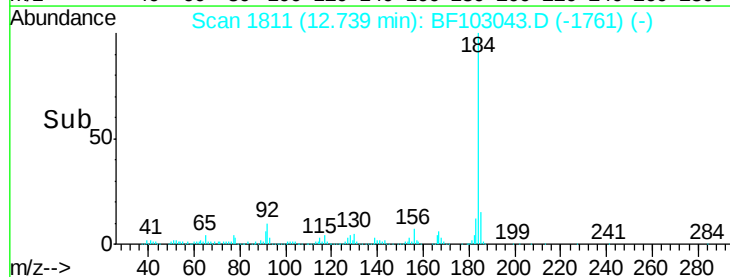
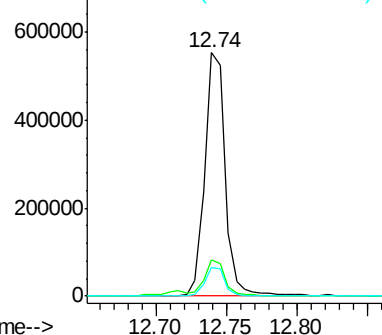
183 11.7 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.531 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Instrument :

BNA_F

ClientSampleId :

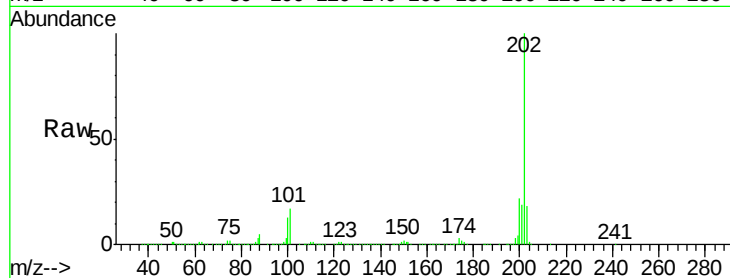
Tot Ion:202 Resp: 1374397

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

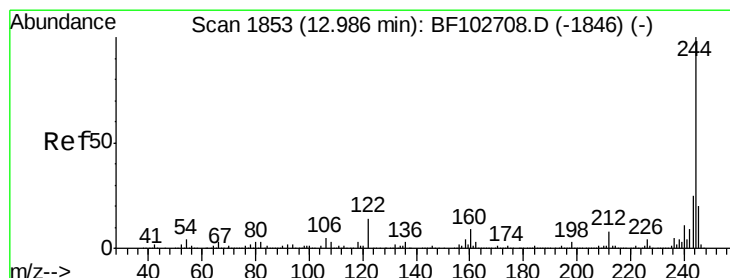
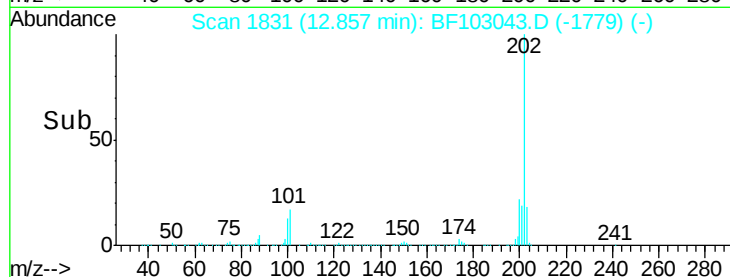
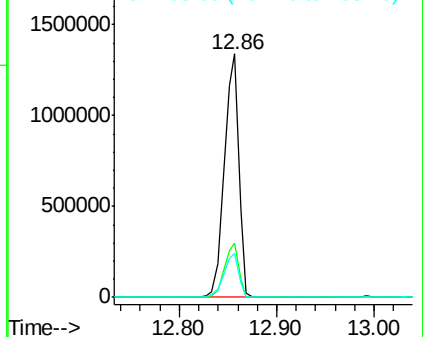
203 18.2 14.3 21.5



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: 79.919 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

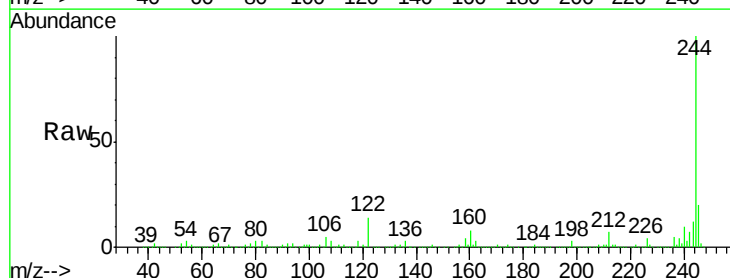
Tgt Ion:244 Resp: 1576246

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

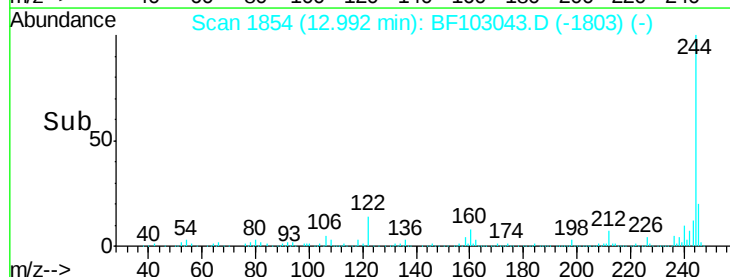
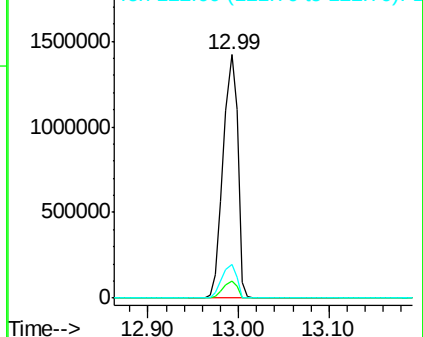
122 13.9 11.0 16.4



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

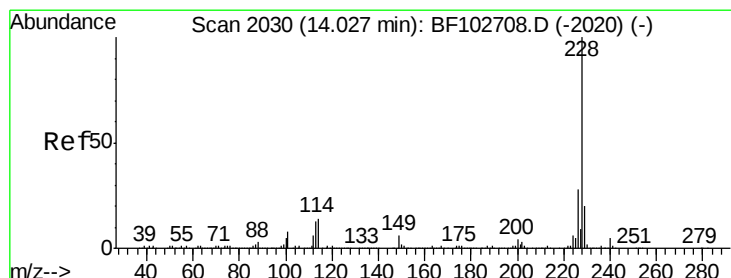
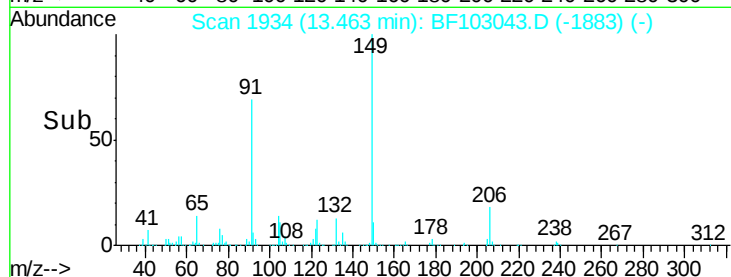
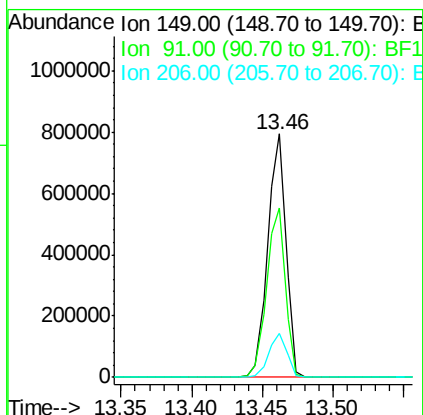
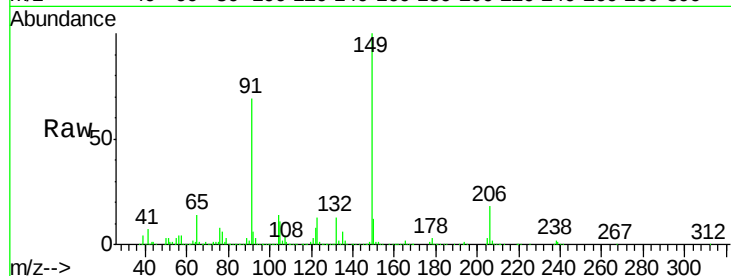




#79
Butylbenzylphthalate
Concen: 41.744 ng
RT: 13.46 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

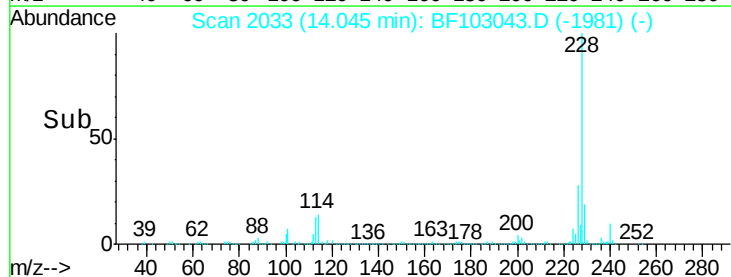
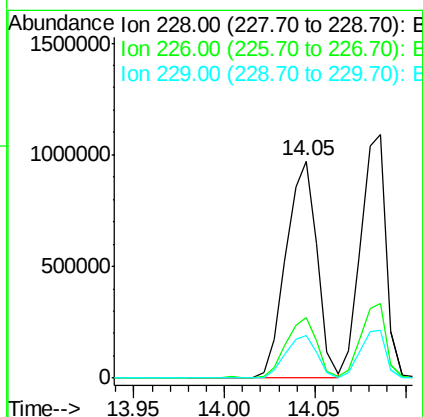
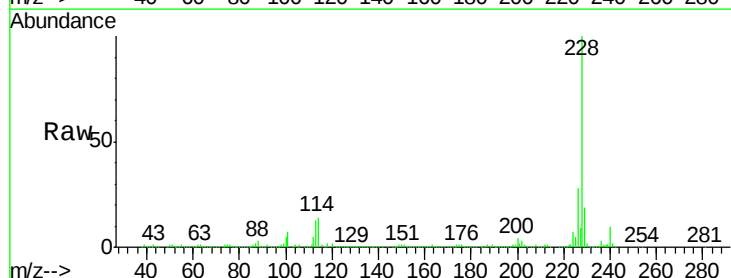
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 728822
Ion Ratio Lower Upper
149 100
91 69.4 56.8 85.2
206 18.2 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.604 ng
RT: 14.05 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

Tgt Ion:228 Resp: 1163162
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 19.5 15.8 23.6

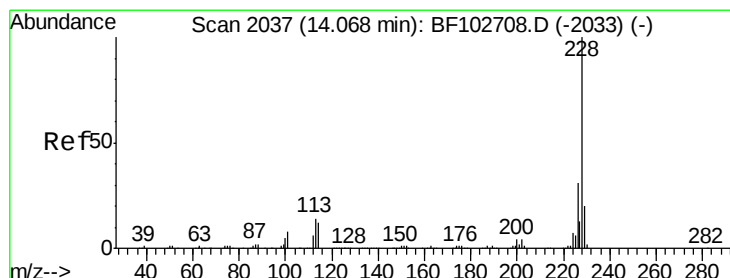
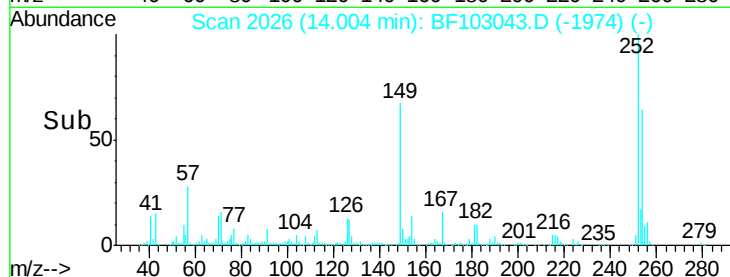
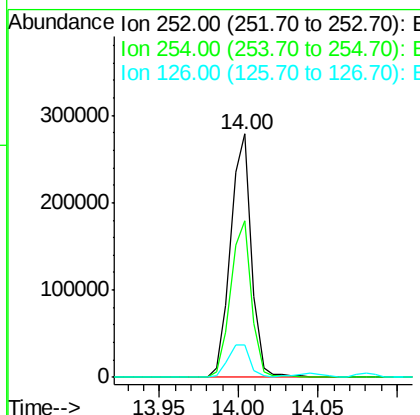
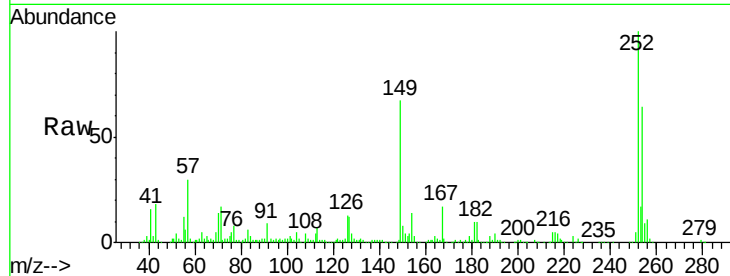




#81
 3,3'-Dichlorobenzidine
 Concen: 23.515 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF103043.D
 Acq: 16 Feb 2018 11:11

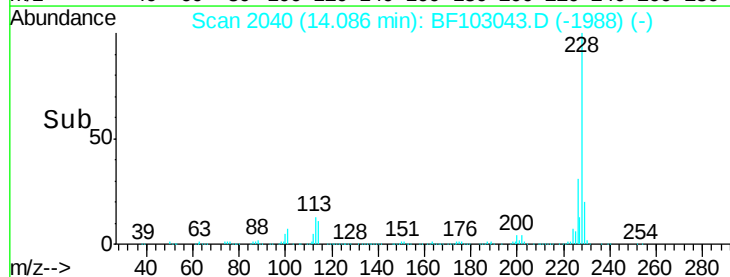
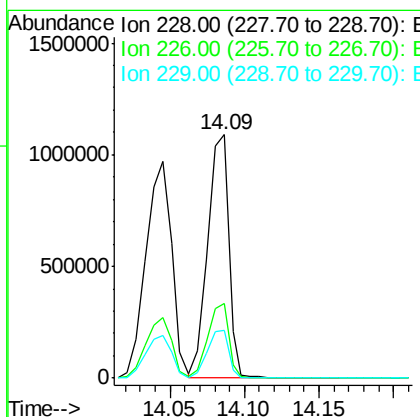
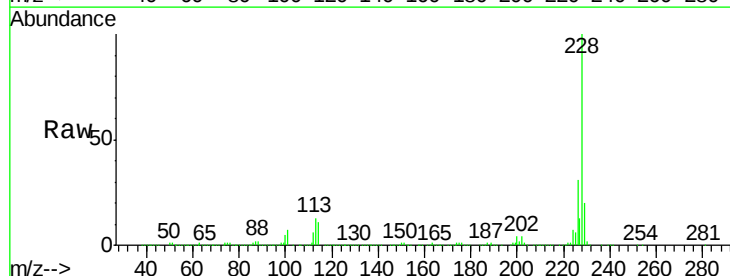
Instrument :
 BNA_F
 ClientSampleId :

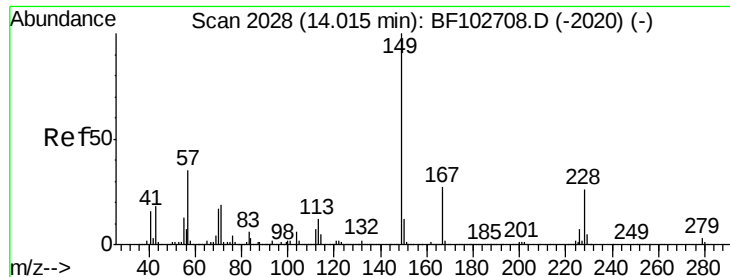
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.4	75.6
126	13.2	11.3	16.9



#82
 Chrysene
 Concen: 35.989 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF103043.D
 Acq: 16 Feb 2018 11:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.7	16.2	24.4

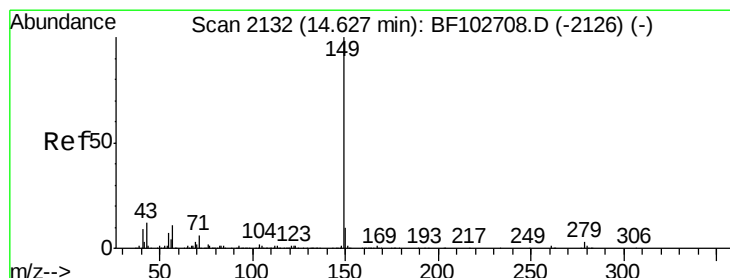
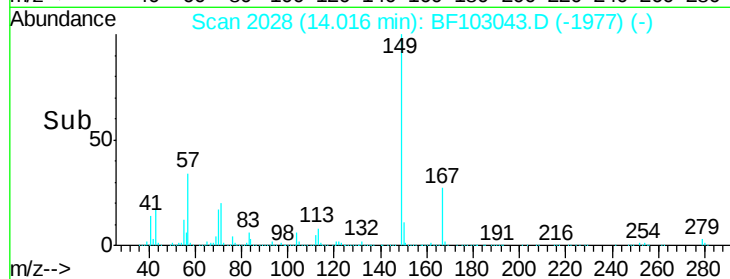
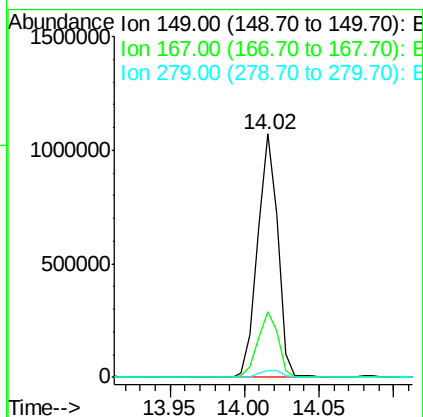
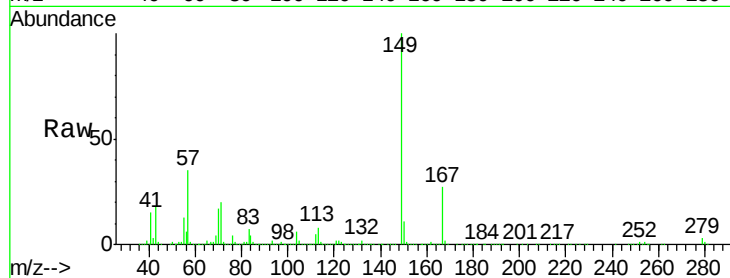




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.849 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF103043.D
 Acq: 16 Feb 2018 11:11

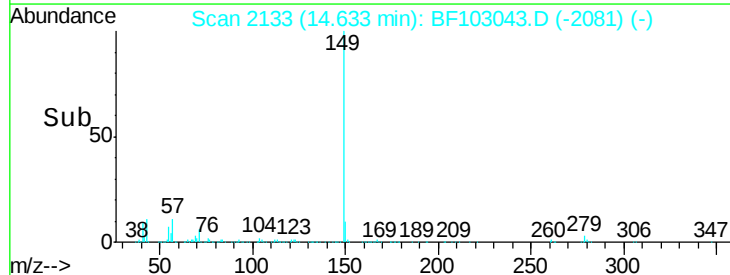
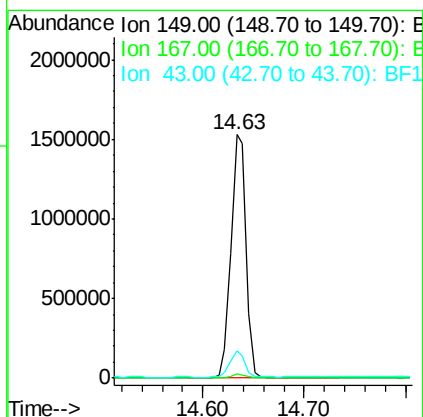
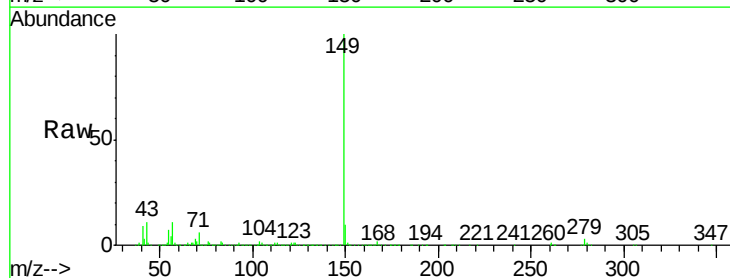
Instrument :
 BNA_F
 ClientSampleId :

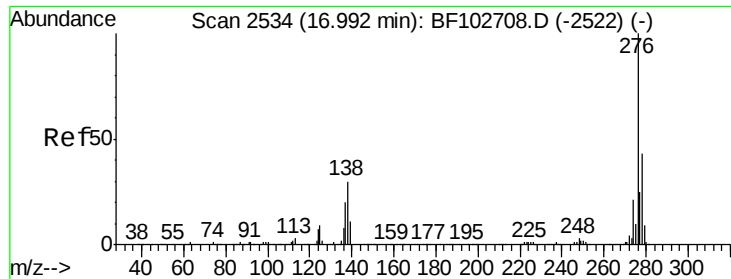
Tot Ion:149 Resp: 983669
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.3 31.9
 279 3.0 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 46.598 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. 0.01 min
 Lab File: BF103043.D
 Acq: 16 Feb 2018 11:11

Tgt Ion:149 Resp: 1569587
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.7 8.4 12.6

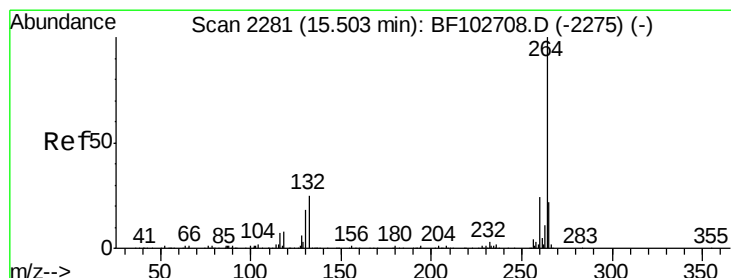
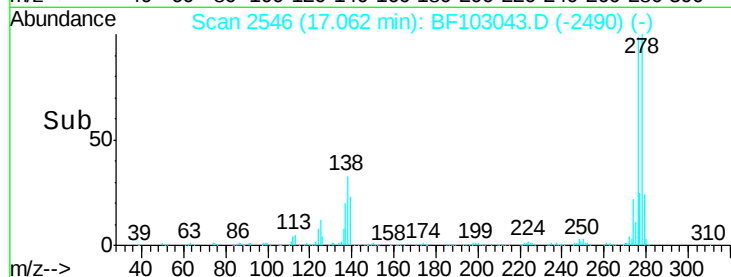
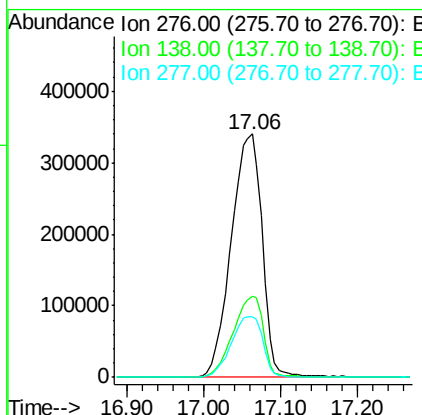
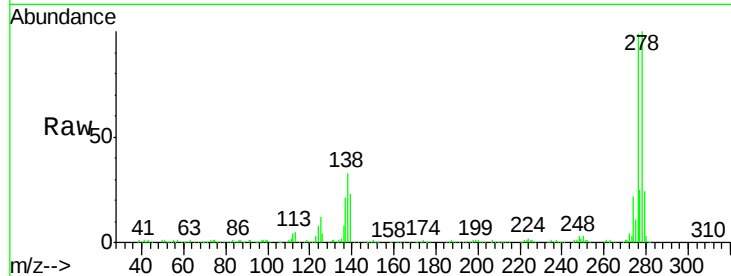




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.979 ng
 RT: 17.06 min Scan# 2546
 Delta R.T. 0.03 min
 Lab File: BF103043.D
 Acq: 16 Feb 2018 11:11

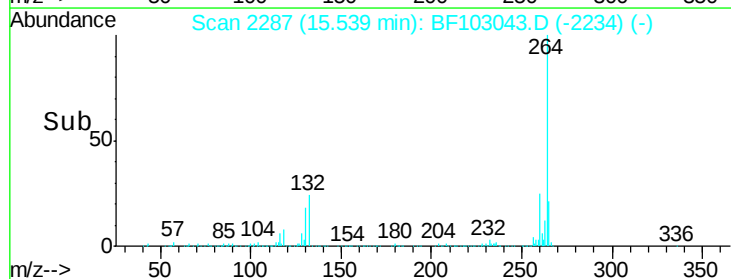
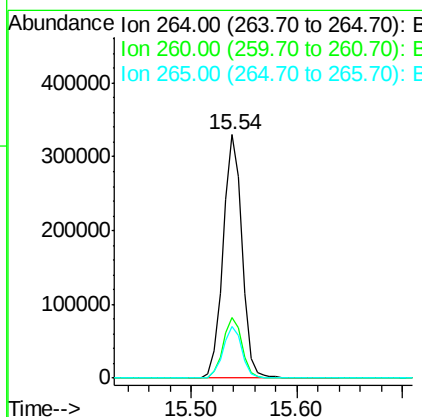
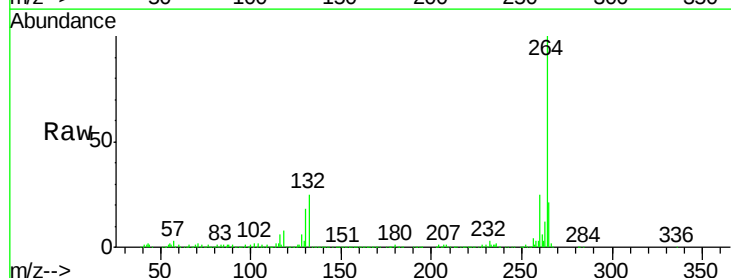
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 957111
 Ion Ratio Lower Upper
 276 100
 138 32.7 25.0 37.6
 277 25.6 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF103043.D
 Acq: 16 Feb 2018 11:11

Tgt Ion:264 Resp: 412362
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.1 17.5 26.3

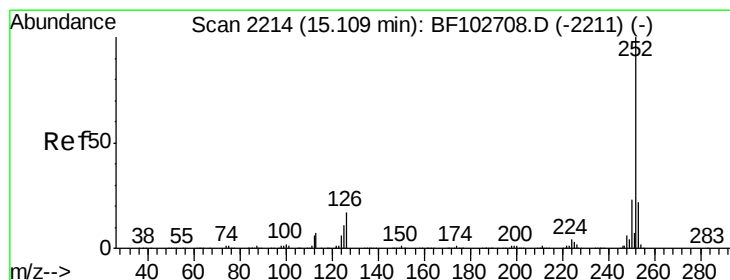
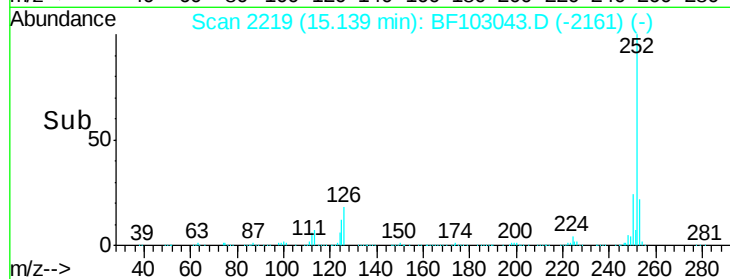
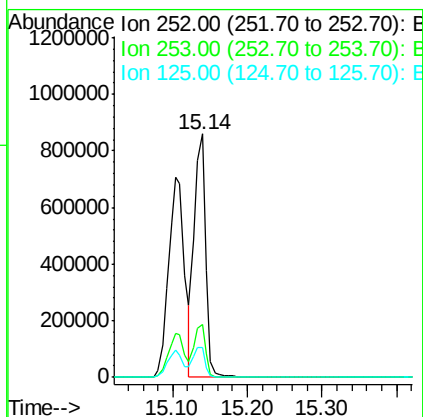
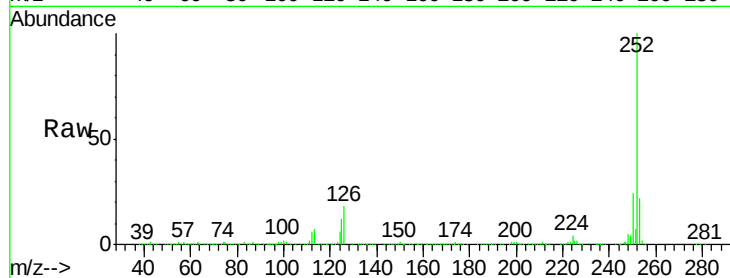




#87
Benzo(b)fluoranthene
Concen: 34.433 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.04 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

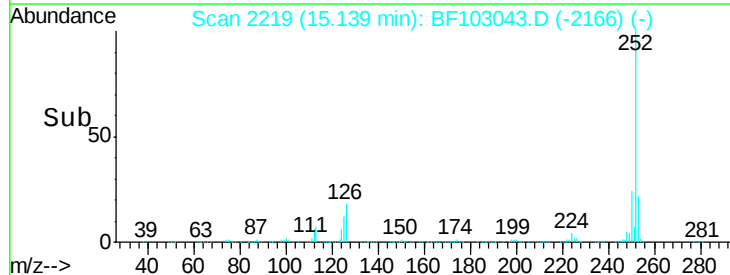
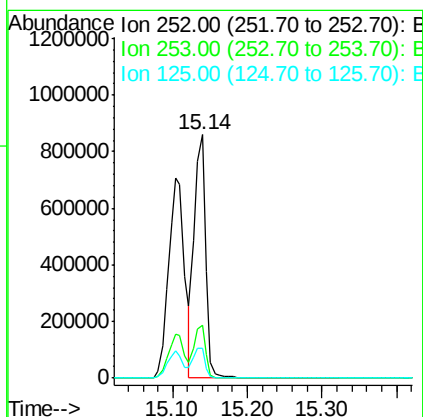
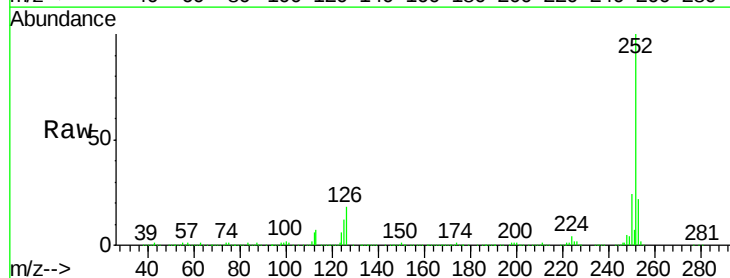
Instrument :
BNA_F
ClientSampleId :

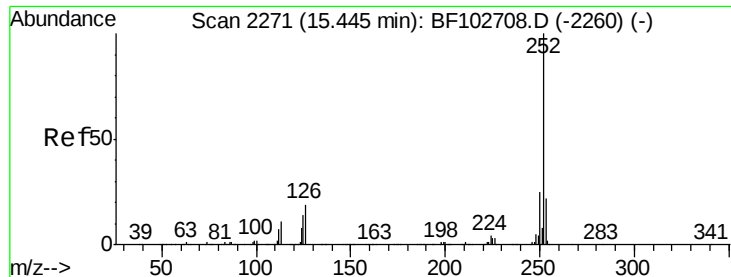
Tot Ion:252 Resp: 920552
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.036 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103043.D
Acq: 16 Feb 2018 11:11

Tgt Ion:252 Resp: 920552
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 12.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.940 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

Instrument :

BNA_F

ClientSampleId :

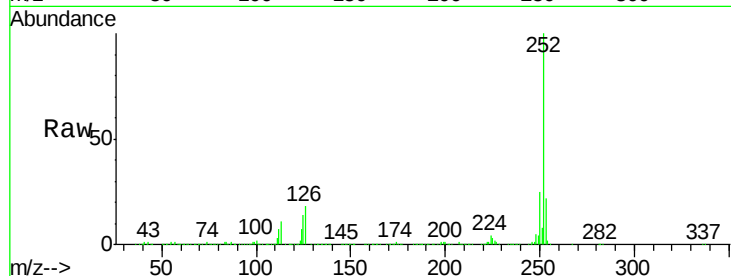
Tot Ion:252 Resp: 937087

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

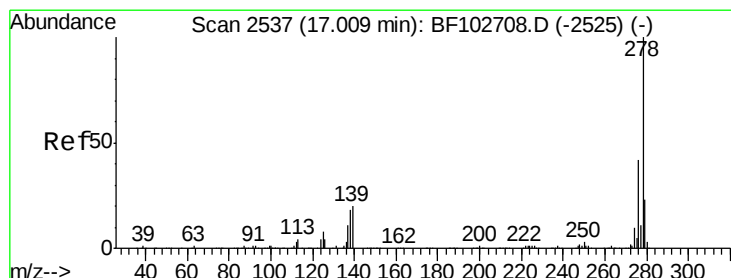
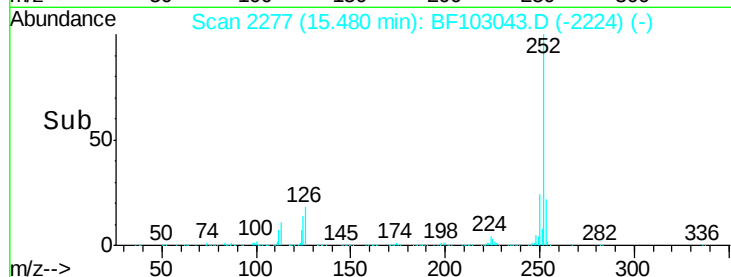
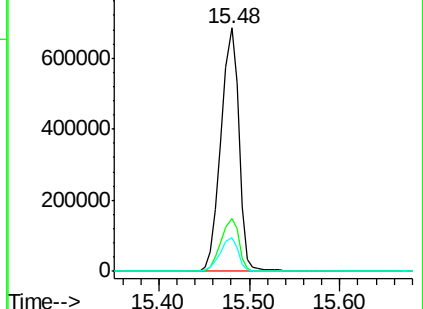
125 14.1 9.8 14.6



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: 40.053 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.02 min

Lab File: BF103043.D

Acq: 16 Feb 2018 11:11

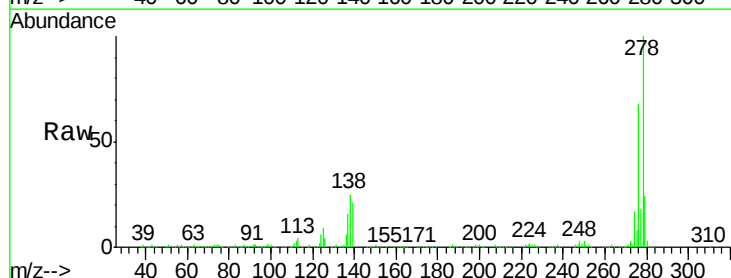
Tgt Ion:278 Resp: 782347

Ion Ratio Lower Upper

278 100

139 21.2 15.9 23.9

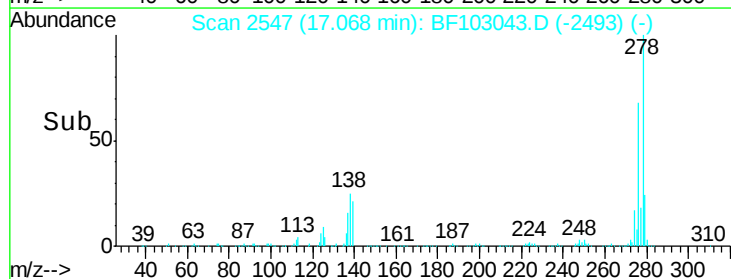
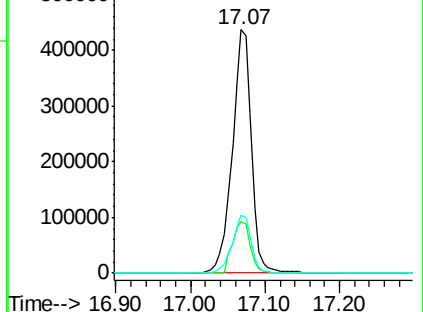
279 24.0 19.0 28.4

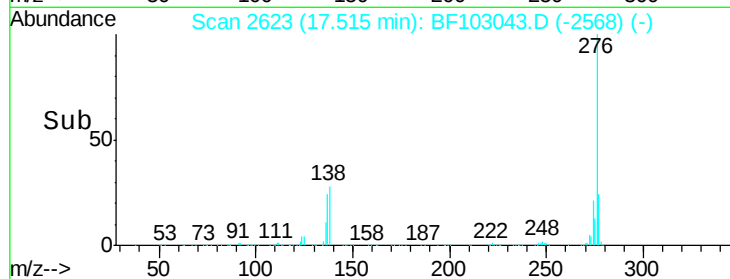
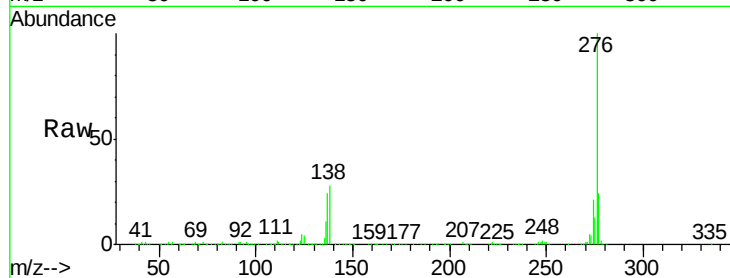
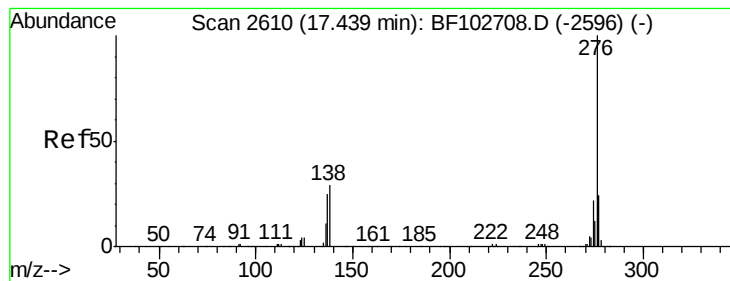


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.905 ng
 RT: 17.52 min Scan# 2623
 Delta R.T. 0.02 min
 Lab File: BF103043.D
 Acq: 16 Feb 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	27.8	21.8	32.8

