

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
 Data File : BF103070.D
 Acq On : 19 Feb 2018 9:53
 Operator : SJ/JU
 Sample : PB106610BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 19 10:29:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	161322	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	669976	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	304306	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	525752	20.00	ng	0.00
75) Chrysene-d12	14.06	240	350150	20.00	ng	0.00
86) Perylene-d12	15.54	264	300675	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1095944	103.17	ng	0.02
7) Phenol-d6	6.52	99	1299373	101.59	ng	0.00
23) Nitrobenzene-d5	7.45	82	840832	87.06	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	279757	114.22	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1362758	74.31	ng	0.00
78) Terphenyl-d14	12.99	244	1255985	84.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	170618	32.519	ng	89
3) Pyridine	3.51	79	495193	34.161	ng	92
4) n-Nitrosodimethylamine	3.45	42	223030	35.960	ng	# 97
6) Aniline	6.55	93	317222	16.795	ng	100
8) 2-Chlorophenol	6.67	128	405614	37.090	ng	96
9) Benzaldehyde	6.43	77	82058	8.639	ng	99
10) Phenol	6.53	94	511948	37.349	ng	92
11) bis(2-Chloroethyl)ether	6.62	93	402822	35.317	ng	95
12) 1,3-Dichlorobenzene	6.82	146	430196	33.970	ng	99
13) 1,4-Dichlorobenzene	6.90	146	432335	34.271	ng	99
14) 1,2-Dichlorobenzene	7.05	146	400090	34.050	ng	99
15) Benzyl Alcohol	7.02	79	349719	35.564	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	704861	32.532	ng	99
17) 2-Methylphenol	7.13	107	347170	34.416	ng	98
18) Hexachloroethane	7.39	117	158703	36.686	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	268781	31.873	ng	95
20) 3+4-Methylphenols	7.29	107	402324	32.342	ng	# 60
22) Acetophenone	7.29	105	536199	32.705	ng	# 89
24) Nitrobenzene	7.46	77	441967	38.894	ng	99
25) Isophorone	7.70	82	807239	36.299	ng	98
26) 2-Nitrophenol	7.78	139	233094	49.592	ng	96
27) 2,4-Dimethylphenol	7.82	122	369809	39.360	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	512302	38.887	ng	99
29) 2,4-Dichlorophenol	8.02	162	334296	39.140	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	329584	34.110	ng	99
31) Naphthalene	8.19	128	1155557	35.302	ng	100
32) Benzoic acid	7.89	122	59831	16.961	ng	98
33) 4-Chloroaniline	8.23	127	175095	12.417	ng	99
34) Hexachlorobutadiene	8.30	225	168535	34.039	ng	99
35) Caprolactam	8.60	113	110185	37.147	ng	# 69
36) 4-Chloro-3-methylphenol	8.72	107	369230	38.475	ng	95
37) 2-Methylnaphthalene	8.87	142	771296	35.990	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	295415	35.653	ng	98
40) Hexachlorocyclopentadiene	9.03	237	245106	62.228	ng	98

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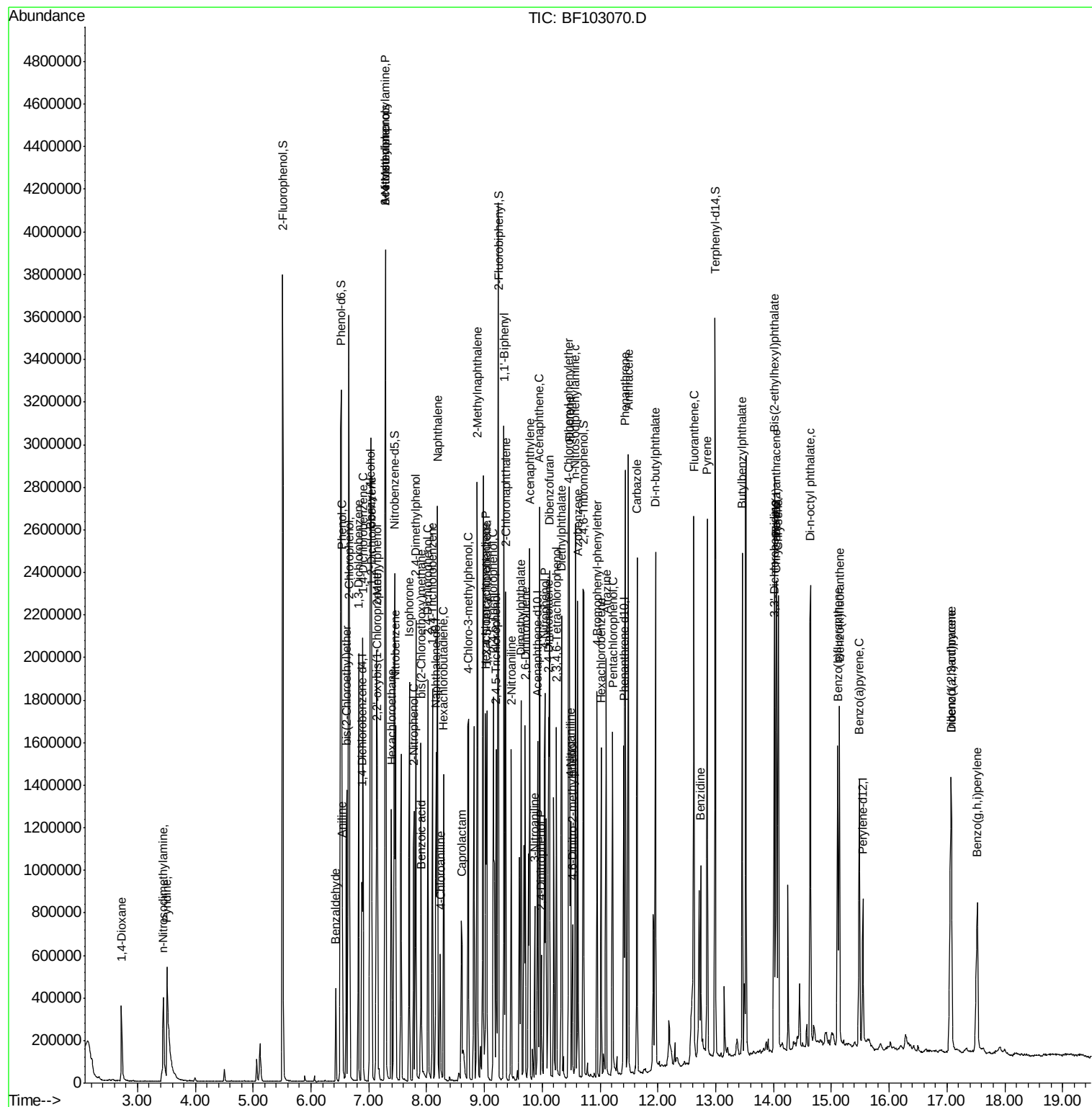
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	212973	39.133	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	232873	37.964	ng	96
45) 1,1'-Biphenyl	9.34	154	886163	34.574	ng	99
46) 2-Chloronaphthalene	9.37	162	707256	35.050	ng	97
47) 2-Nitroaniline	9.46	65	261820	42.479	ng	91
48) Acenaphthylene	9.78	152	1070175	34.147	ng	99
49) Dimethylphthalate	9.63	163	839021	35.361	ng	99
50) 2,6-Dinitrotoluene	9.70	165	187641	41.567	ng	98
51) Acenaphthene	9.96	154	618920	33.022	ng	99
52) 3-Nitroaniline	9.87	138	133523	24.039	ng	96
53) 2,4-Dinitrophenol	9.99	184	70092	57.846	ng	# 21
54) Dibenzofuran	10.13	168	938632	35.536	ng	99
55) 4-Nitrophenol	10.05	139	307986	68.103	ng	96
56) 2,4-Dinitrotoluene	10.11	165	249956	41.717	ng	97
57) Fluorene	10.47	166	728131	37.889	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	172828	40.652	ng	99
59) Diethylphthalate	10.33	149	828545	35.365	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	329730	38.786	ng	99
61) 4-Nitroaniline	10.49	138	217182	41.078	ng	91
62) Azobenzene	10.62	77	834245	35.643	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	76450	38.210	ng	98
65) n-Nitrosodiphenylamine	10.57	169	658239	35.494	ng	100
66) 4-Bromophenyl-phenylether	10.95	248	200370	36.028	ng	# 89
67) Hexachlorobenzene	11.02	284	210723	34.346	ng	# 89
68) Atrazine	11.10	200	203948	37.279	ng	96
69) Pentachlorophenol	11.22	266	183682	51.001	ng	97
70) Phenanthrene	11.43	178	1034759	35.339	ng	99
71) Anthracene	11.49	178	1084034	36.400	ng	99
72) Carbazole	11.64	167	1012616	34.706	ng	100
73) Di-n-butylphthalate	11.96	149	1282940	36.198	ng	99
74) Fluoranthene	12.63	202	1012350	34.363	ng	98
76) Benzidine	12.74	184	351274	21.828	ng	98
77) Pyrene	12.86	202	1031690	37.574	ng	99
79) Butylbenzylphthalate	13.46	149	514335	39.350	ng	98
80) Benzo(a)anthracene	14.04	228	816990	37.100	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	130041	15.927	ng	98
82) Chrysene	14.09	228	775064	34.915	ng	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	700029	41.619	ng	99
84) Di-n-octyl phthalate	14.64	149	1051355	41.629	ng	97
85) Indeno(1,2,3-cd)pyrene	17.07	276	696490	37.830	ng	99
87) Benzo(b)fluoranthene	15.11	252	674932	34.623	ng	98
88) Benzo(k)fluoranthene	15.14	252	678835	36.445	ng	99
89) Benzo(a)pyrene	15.49	252	647854	36.921	ng	97
90) Dibenzo(a,h)anthracene	17.07	278	582702	40.914	ng	99
91) Benzo(g,h,i)perylene	17.53	276	615950	44.185	ng	98

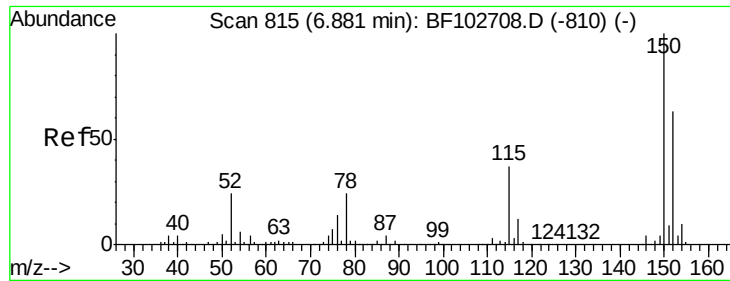
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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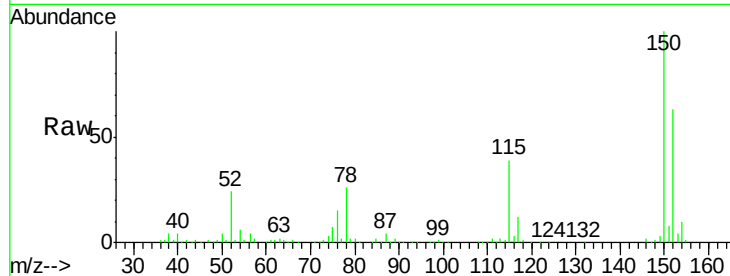


#1

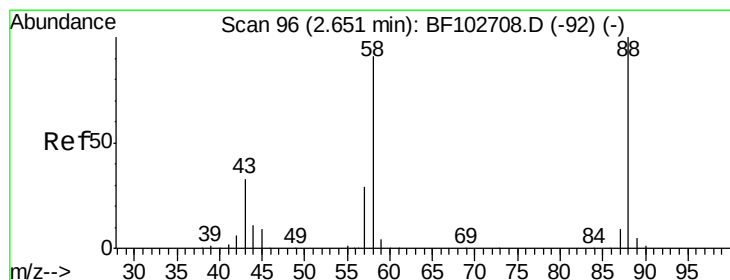
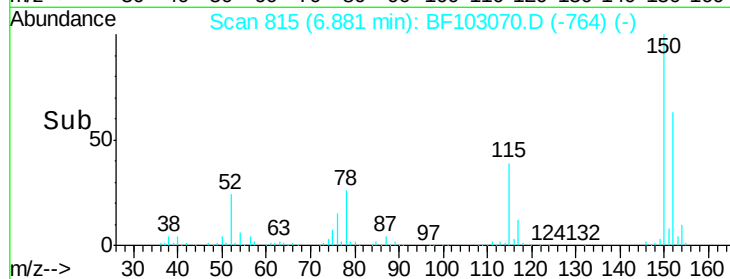
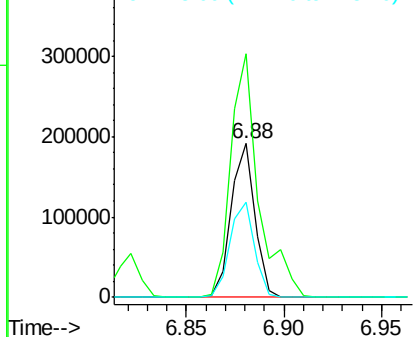
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF103070.D
Acq: 19 Feb 2018 9:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 161322
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 62.1 50.1 75.1



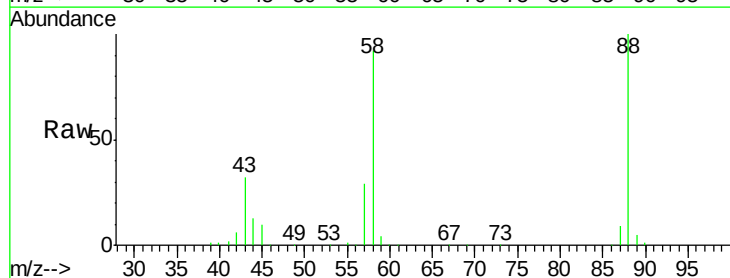
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



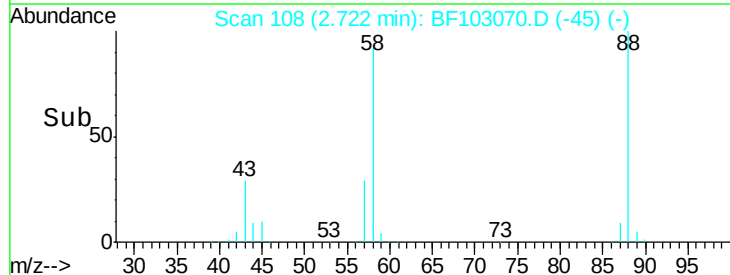
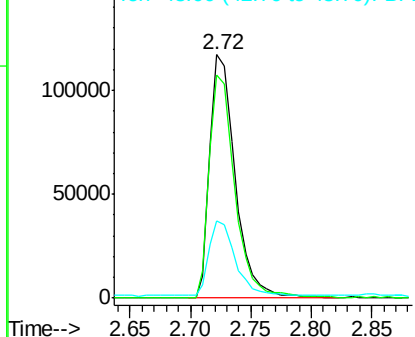
#2

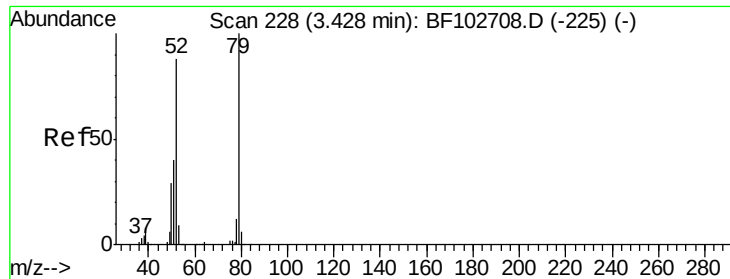
1,4-Dioxane
Concen: 32.519 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.07 min
Lab File: BF103070.D
Acq: 19 Feb 2018 9:53

Tgt Ion: 88 Resp: 170618
Ion Ratio Lower Upper
88 100
58 91.6 62.6 93.8
43 31.7 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: 34.161 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.08 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampleId :

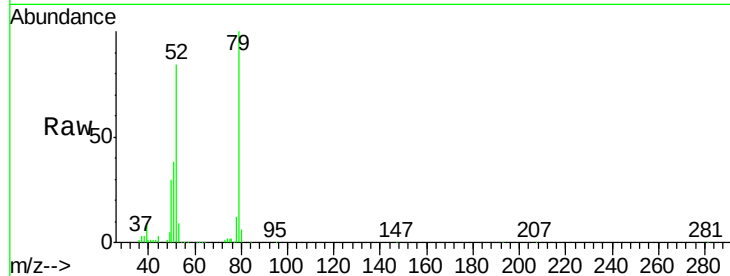
Tot Ion: 79 Resp: 495193

Ion Ratio Lower Upper

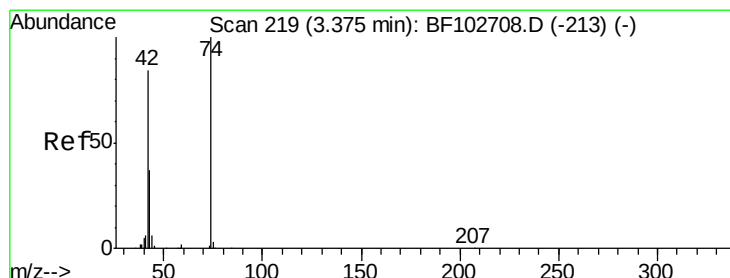
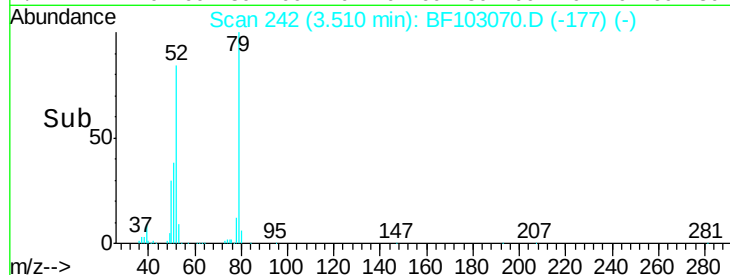
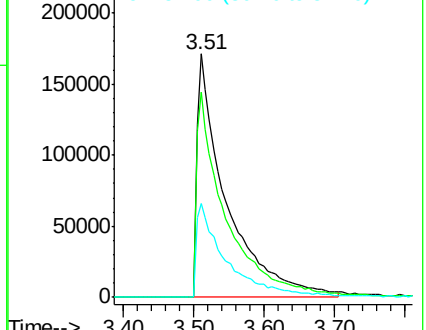
79 100

52 84.4 59.8 89.6

51 38.3 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: 35.960 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

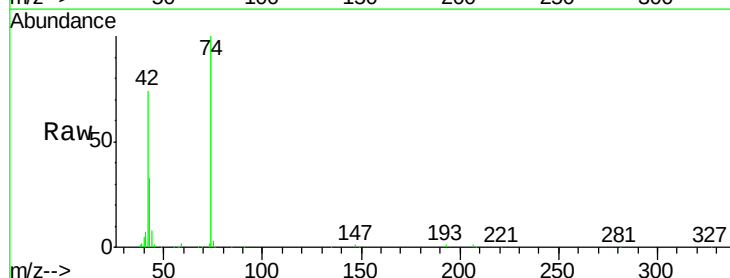
Tgt Ion: 42 Resp: 223030

Ion Ratio Lower Upper

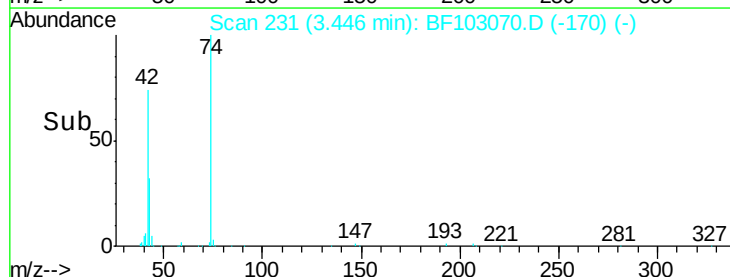
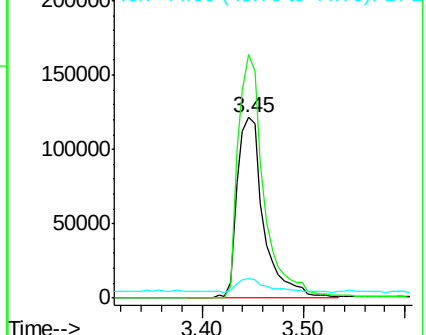
42 100

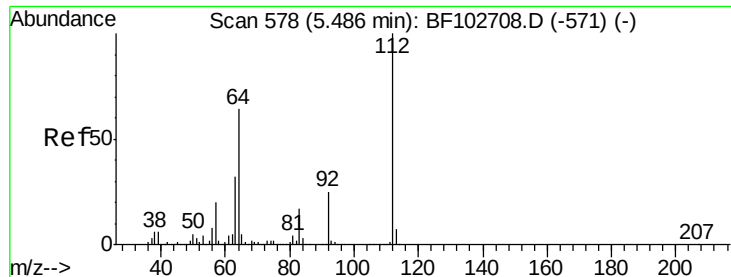
74 134.6 104.9 157.3

44 10.5 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: 103.171 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :
BNA_F
ClientSampleId :

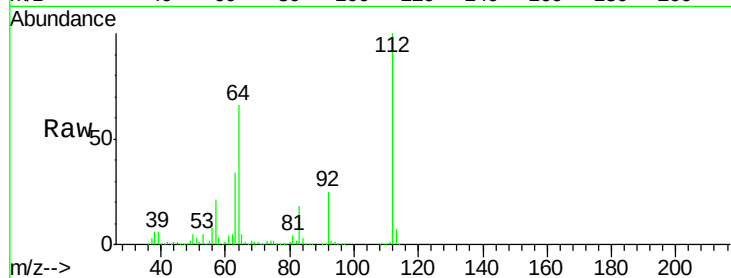
Tot Ion:112 Resp: 1095944

Ion Ratio Lower Upper

112 100

64 66.4 47.9 71.9

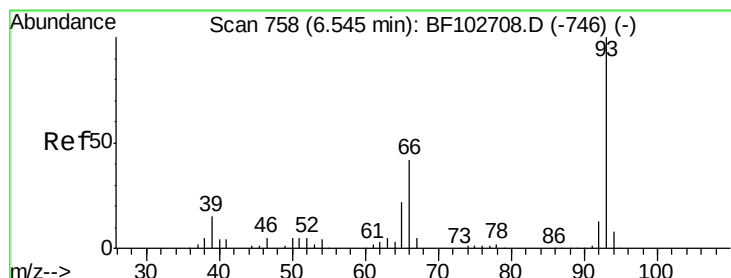
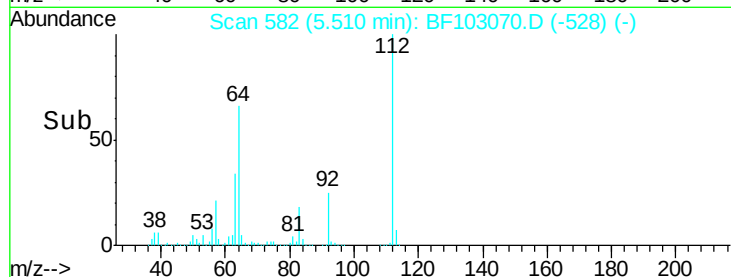
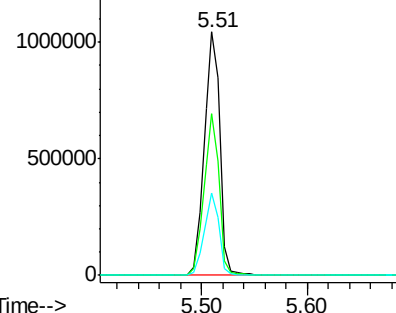
63 34.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.795 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

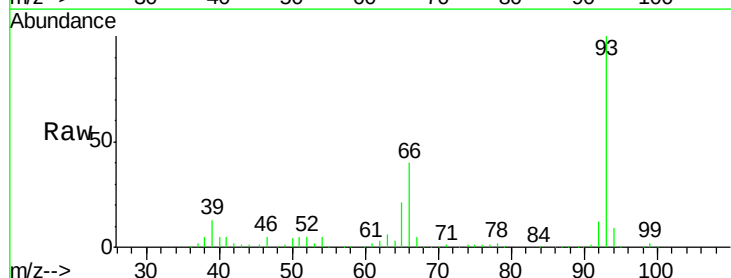
Tgt Ion: 93 Resp: 317222

Ion Ratio Lower Upper

93 100

66 40.2 32.2 48.2

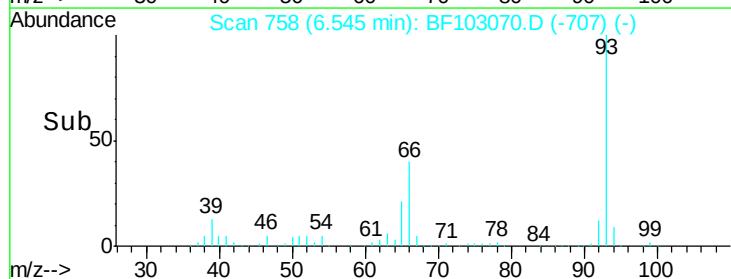
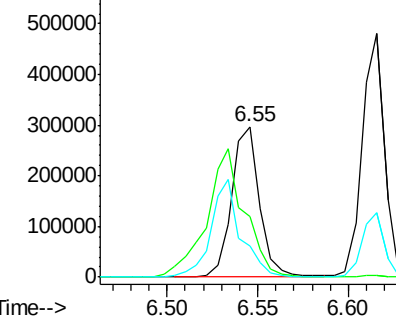
65 21.0 16.4 24.6

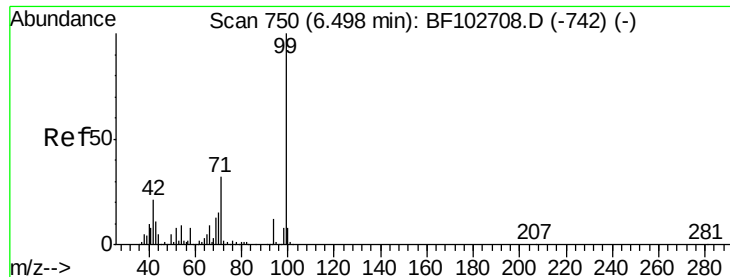


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.590 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampleId :

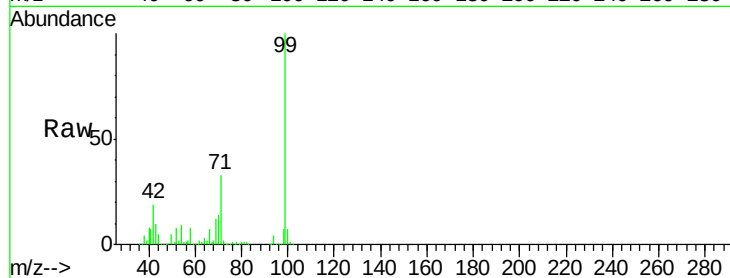
Tot Ion: 99 Resp: 1299373

Ion Ratio Lower Upper

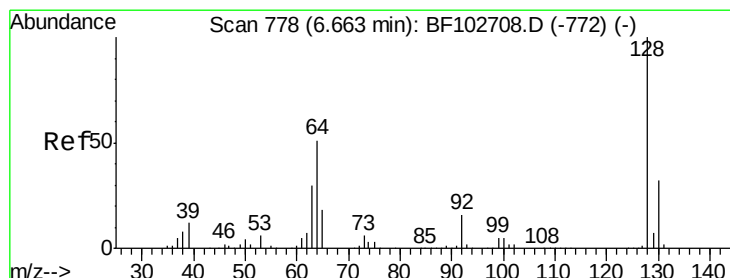
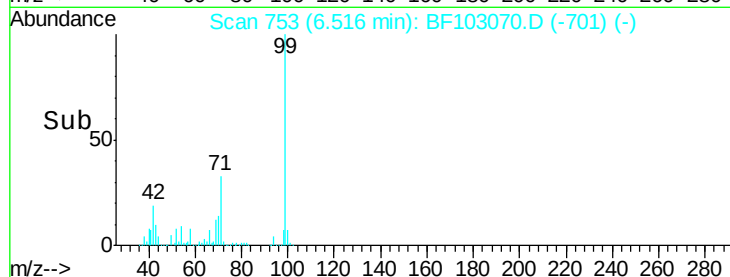
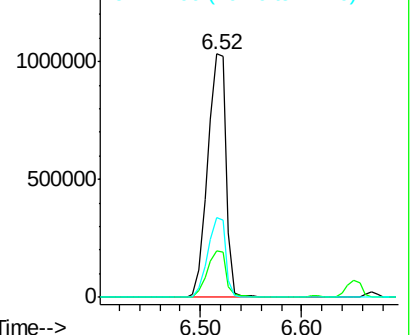
99 100

42 19.3 14.5 21.7

71 32.8 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: 37.090 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

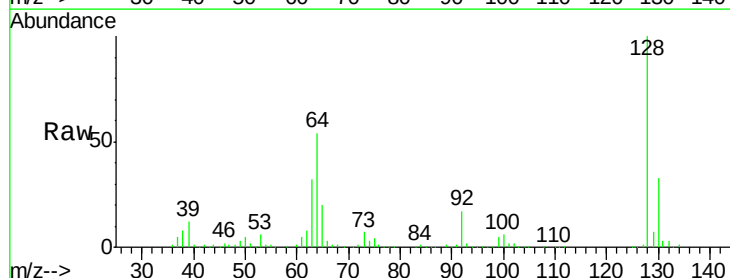
Tgt Ion: 128 Resp: 405614

Ion Ratio Lower Upper

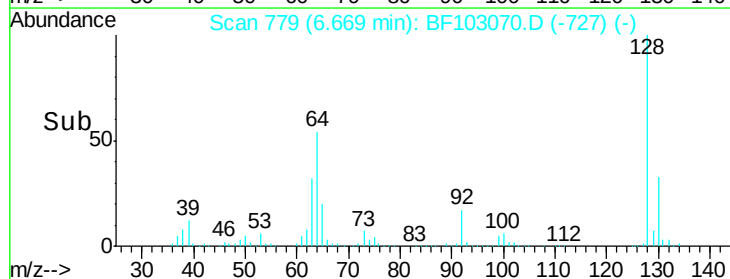
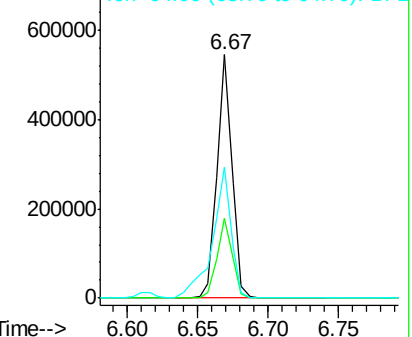
128 100

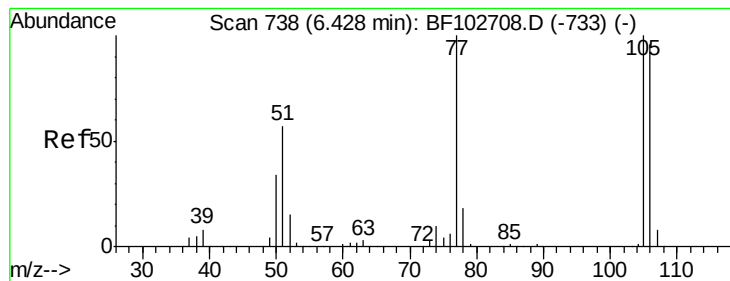
130 32.6 13.0 53.0

64 53.7 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: 8.639 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampled :

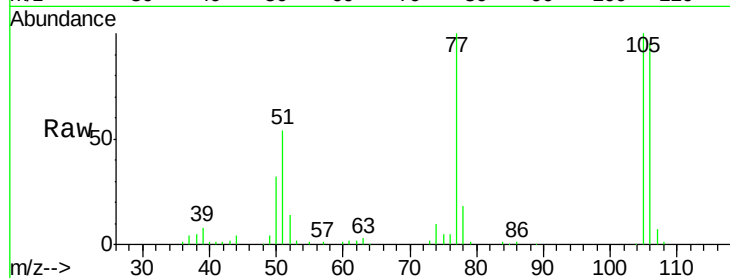
Tot Ion: 77 Resp: 82058

Ion Ratio Lower Upper

77 100

105 100.1 81.1 121.1

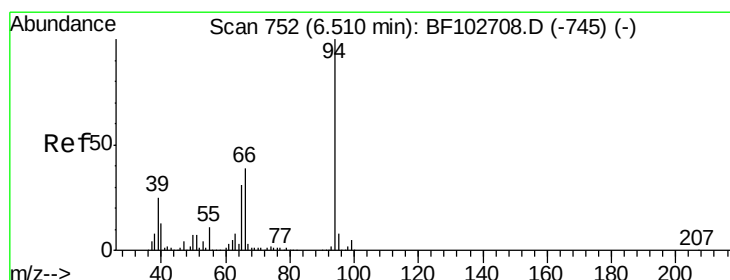
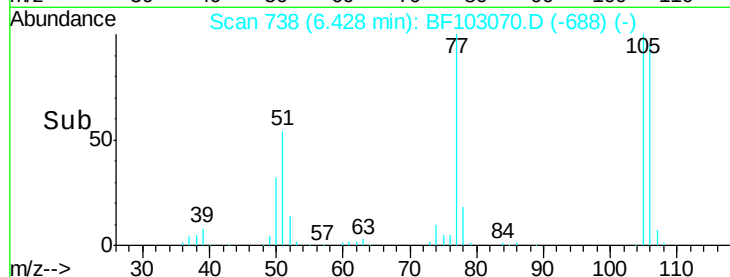
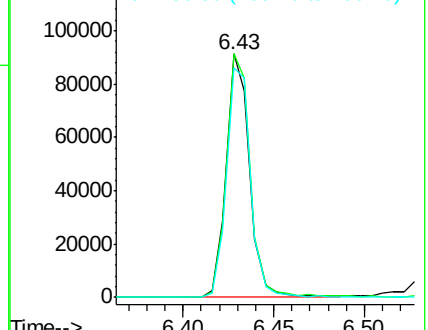
106 94.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.349 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

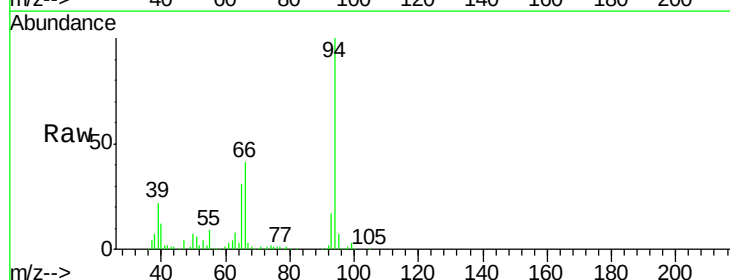
Tgt Ion: 94 Resp: 511948

Ion Ratio Lower Upper

94 100

65 31.2 7.9 47.9

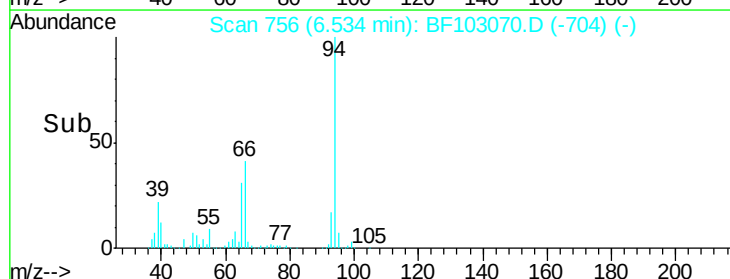
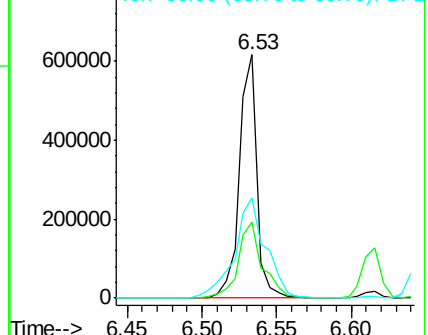
66 41.3 16.2 56.2

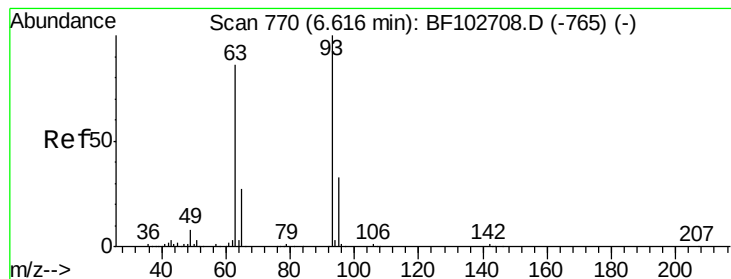


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 35.317 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampleId :

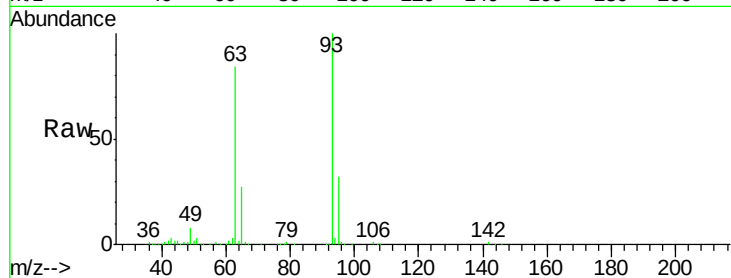
Tot Ion: 93 Resp: 402822

Ion Ratio Lower Upper

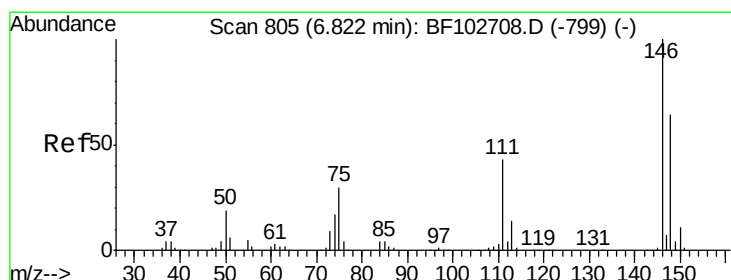
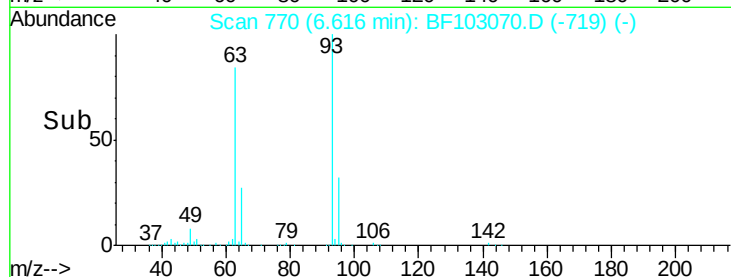
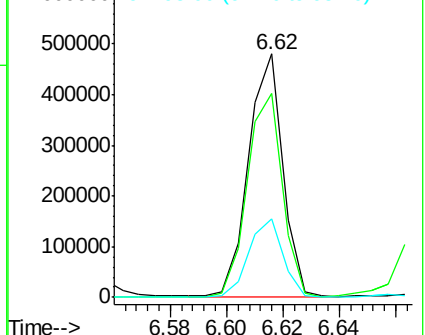
93 100

63 84.0 58.6 98.6

95 32.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 33.970 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

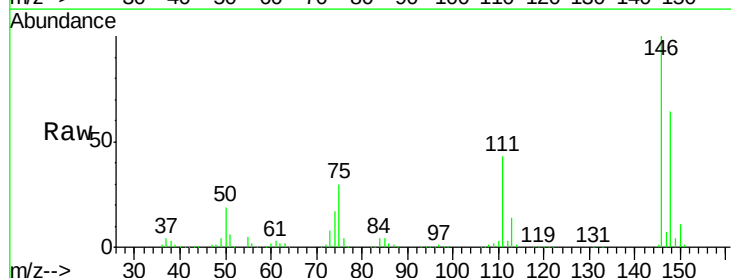
Tgt Ion: 146 Resp: 430196

Ion Ratio Lower Upper

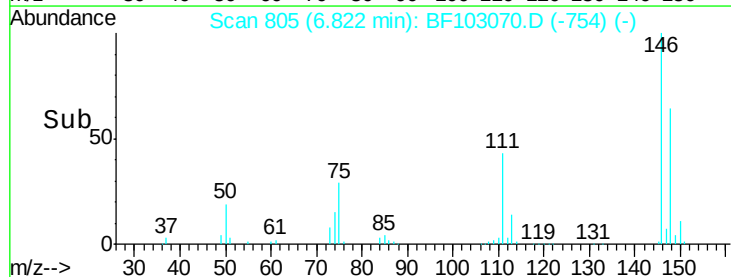
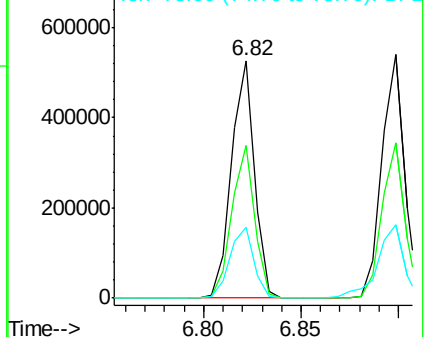
146 100

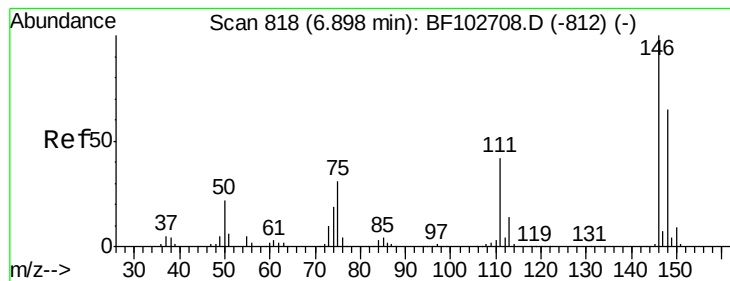
148 64.0 51.8 77.8

75 29.8 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 34.271 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampled :

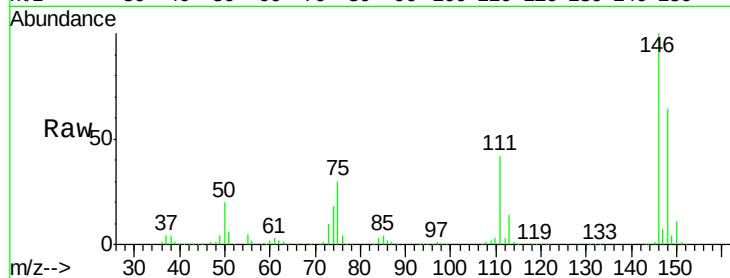
Tot Ion:146 Resp: 432335

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

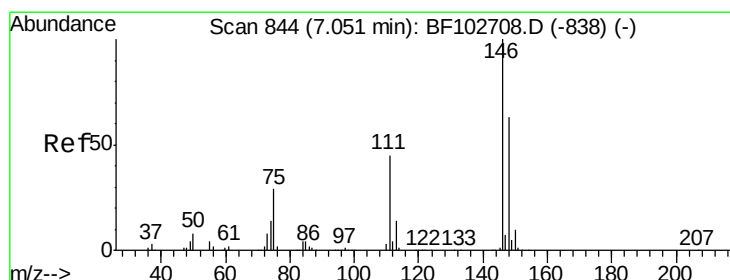
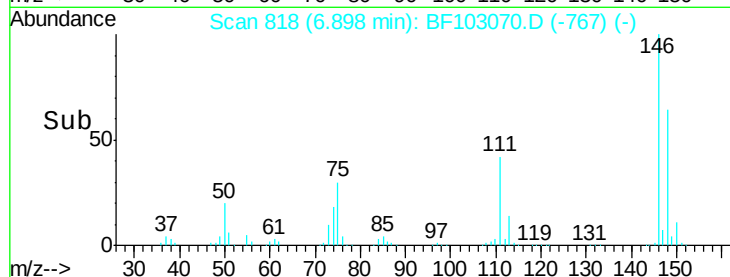
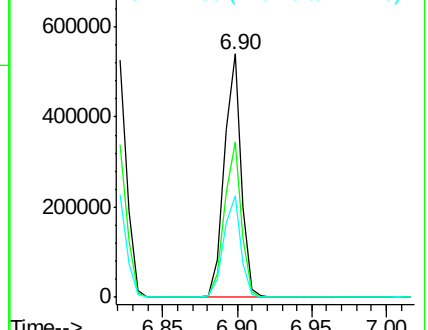
111 41.9 34.2 51.2



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: 34.050 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

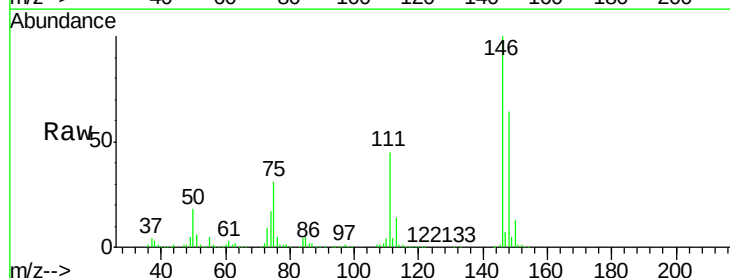
Tgt Ion:146 Resp: 400090

Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

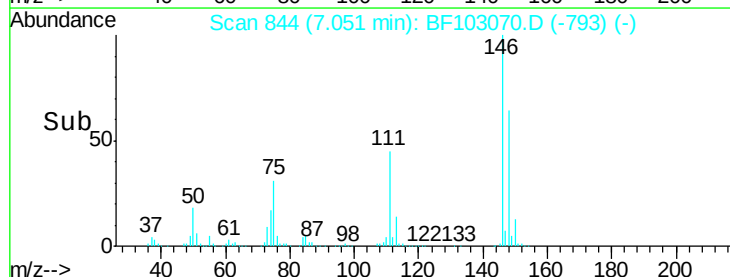
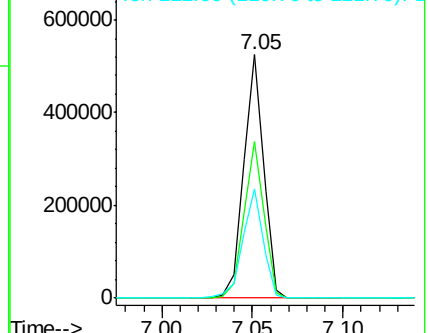
111 44.6 36.0 54.0

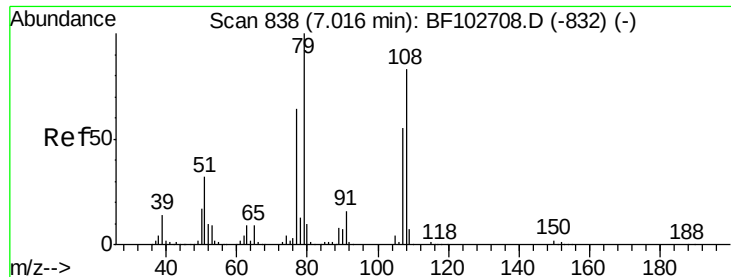


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.564 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampled :

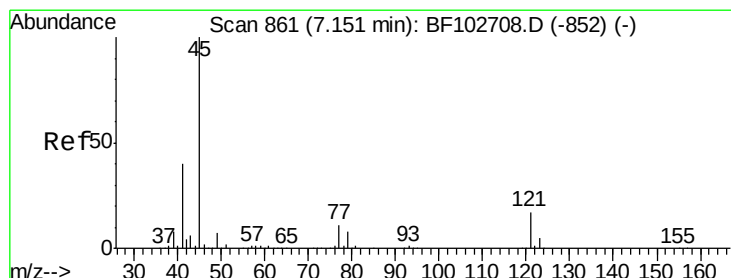
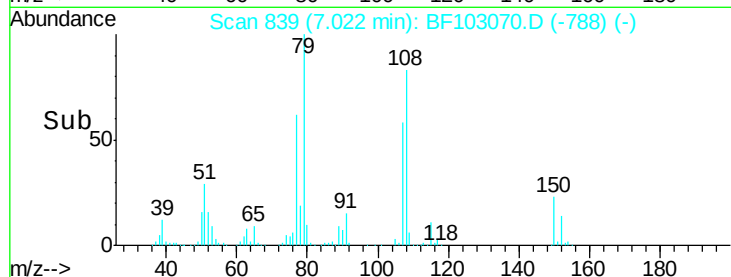
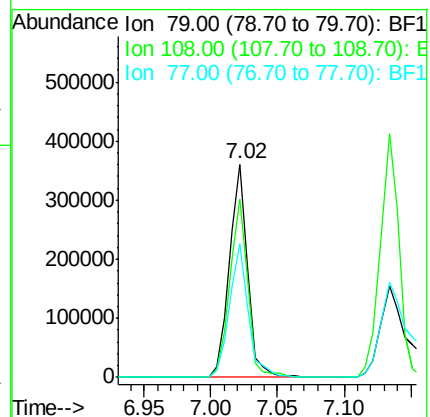
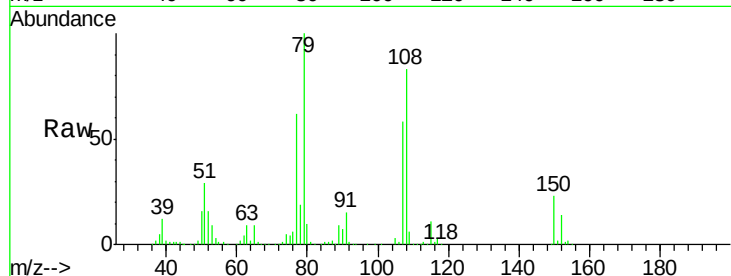
Tot Ion: 79 Resp: 349719

Ion Ratio Lower Upper

79 100

108 83.3 65.1 97.7

77 62.4 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.532 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

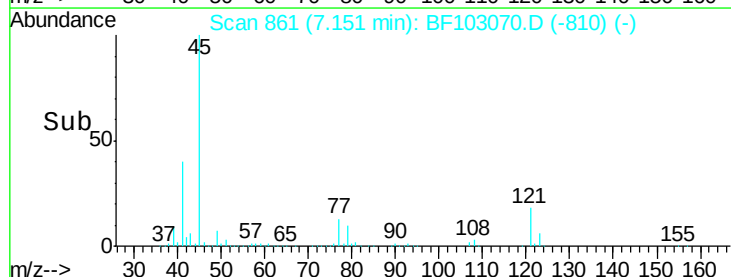
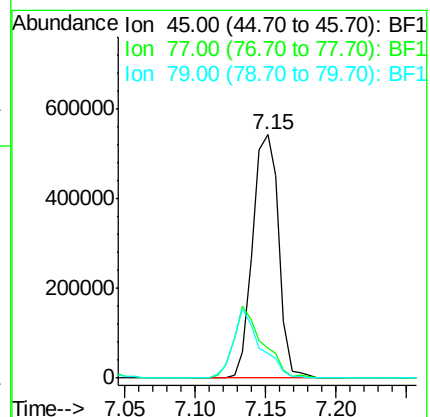
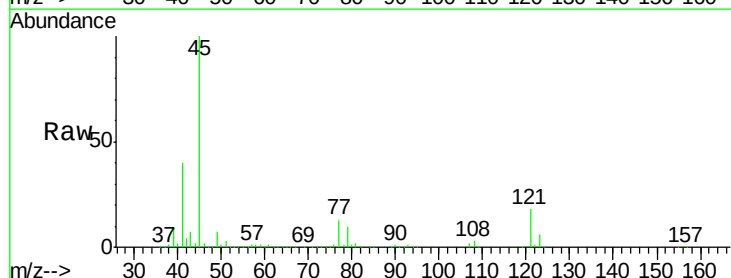
Tgt Ion: 45 Resp: 704861

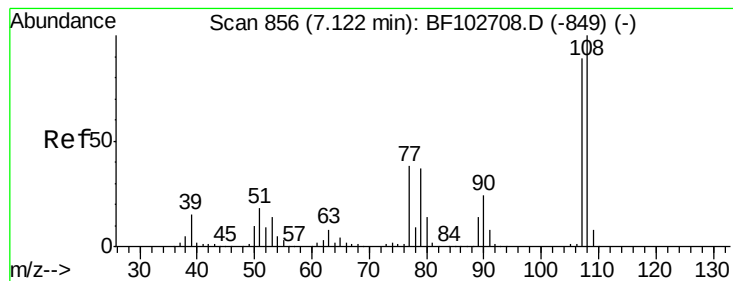
Ion Ratio Lower Upper

45 100

77 12.5 0.0 32.9

79 10.1 0.0 29.6

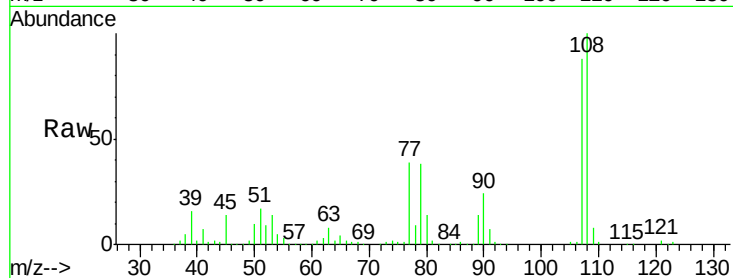




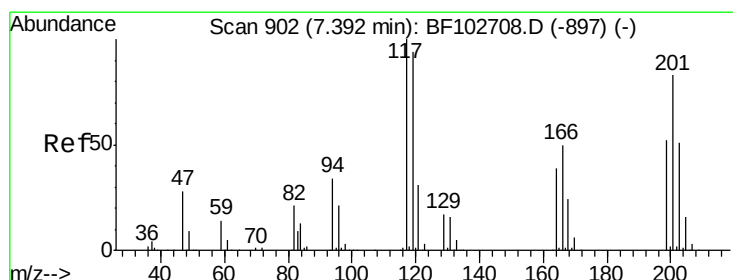
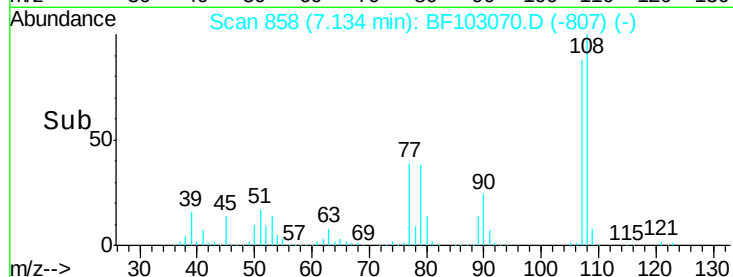
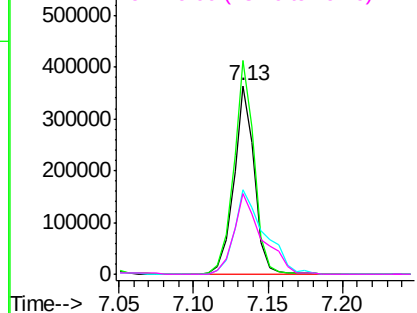
#17
2-Methylphenol
Concen: 34.416 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF103070.D
Acq: 19 Feb 2018 9:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	347170
Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.7	137.5
77	44.5	33.8	50.8
79	42.6	33.8	50.8

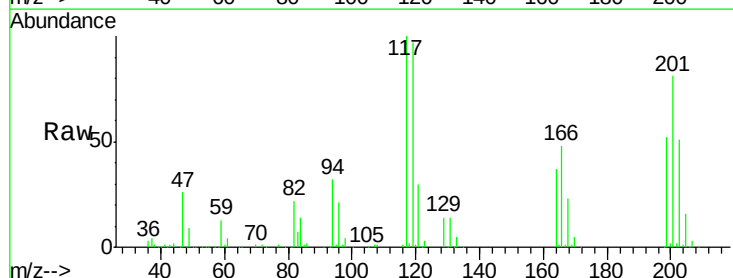


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

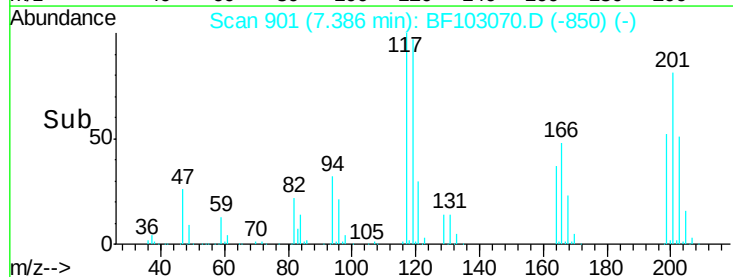
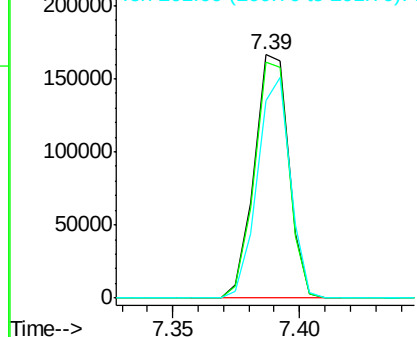


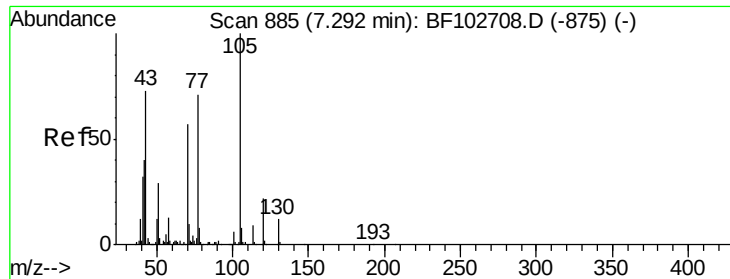
#18
Hexachloroethane
Concen: 36.686 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF103070.D
Acq: 19 Feb 2018 9:53

Tgt Ion:	117	Resp:	158703
Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.8	113.8
201	81.0	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

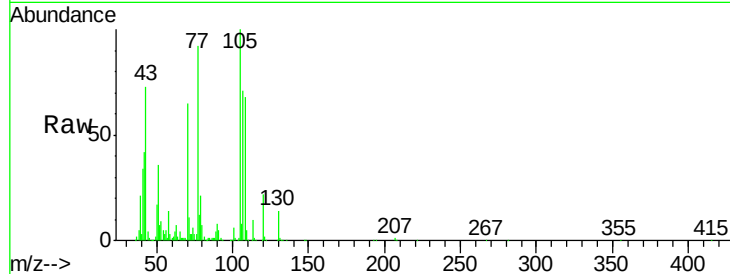




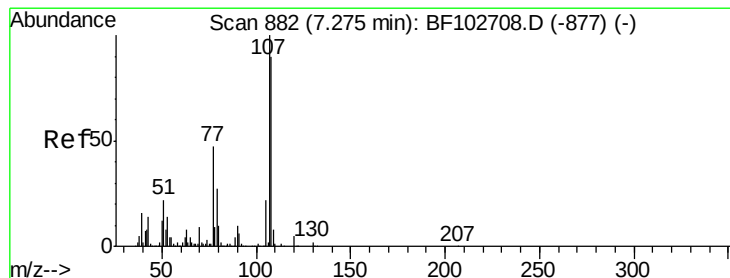
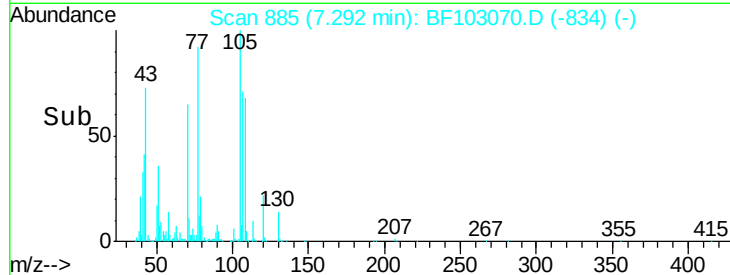
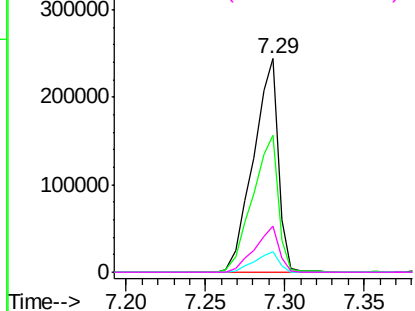
#19
n-Nitroso-di-n-propylamine
Concen: 31.873 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103070.D
Acq: 19 Feb 2018 9:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 268781
Ion Ratio Lower Upper
70 100
42 64.2 47.5 71.3
101 9.8 7.4 11.2
130 21.6 16.6 25.0



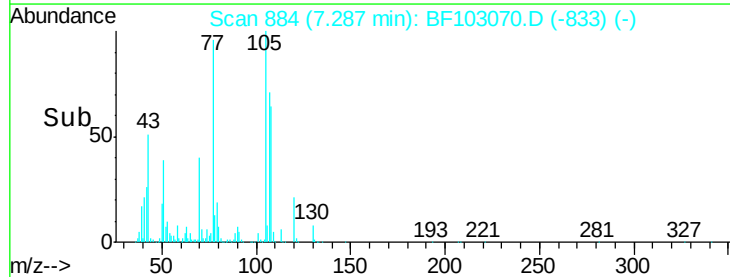
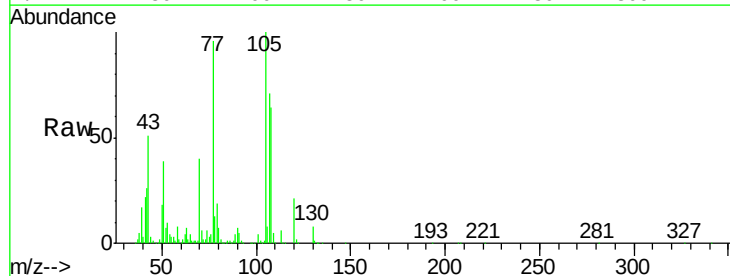
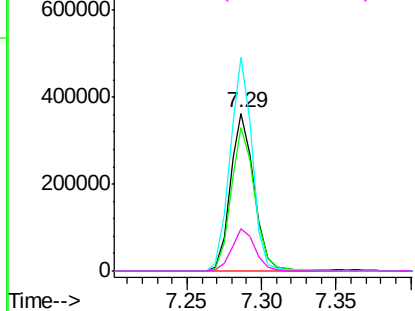
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

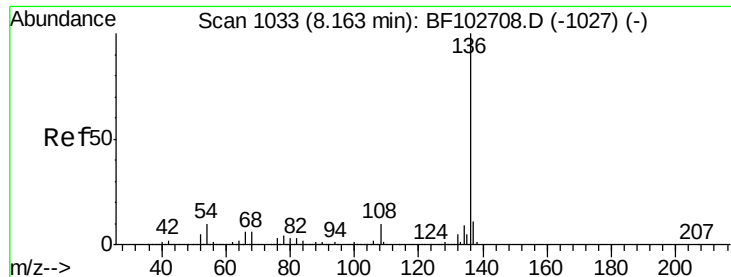


#20
3+4-Methylphenols
Concen: 32.342 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103070.D
Acq: 19 Feb 2018 9:53

Tgt Ion: 107 Resp: 402324
Ion Ratio Lower Upper
107 100
108 90.4 68.2 108.2
77 135.1 26.7 66.7#
79 27.1 6.3 46.3

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 669976

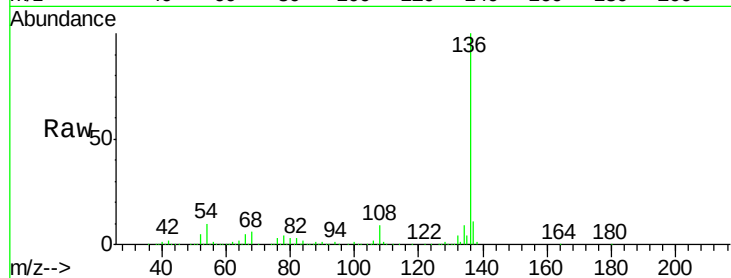
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.6 6.6 9.8

68 6.3 5.0 7.4

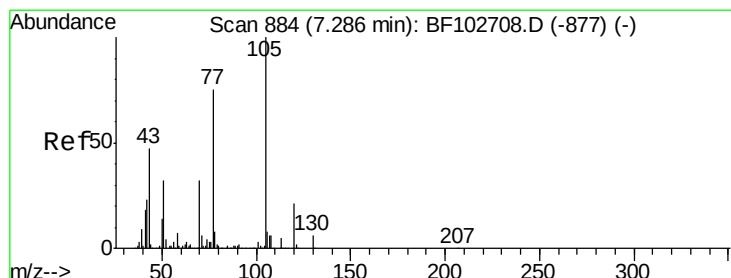
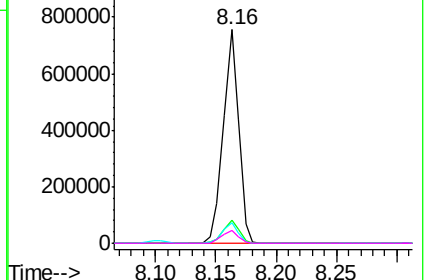
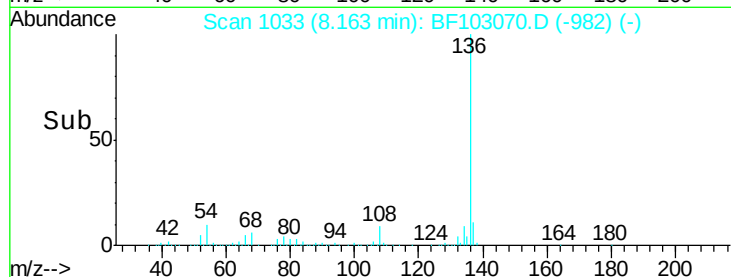


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 32.705 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Tgt Ion:105 Resp: 536199

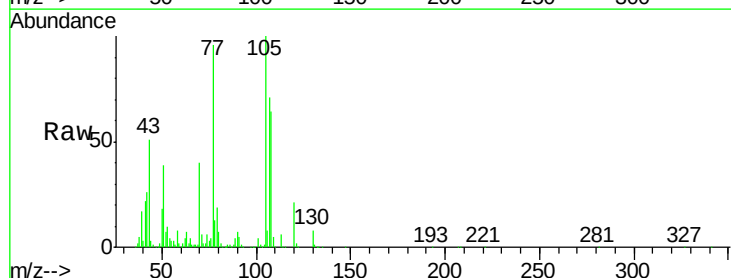
Ion Ratio Lower Upper

105 100

71 6.4 4.4 6.6

51 38.5 22.3 33.5#

120 21.1 16.9 25.3

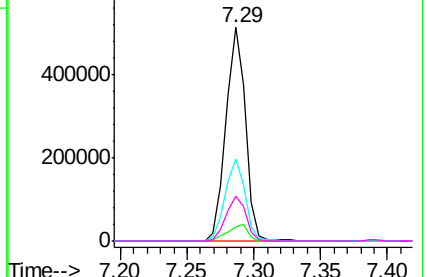
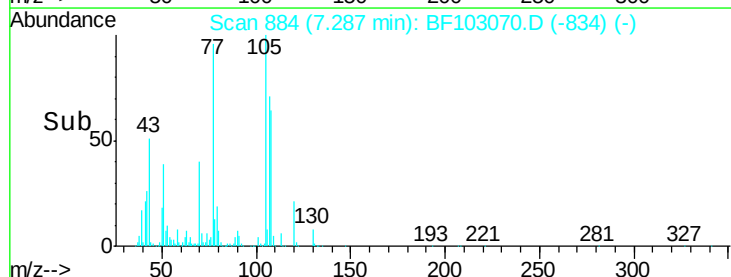


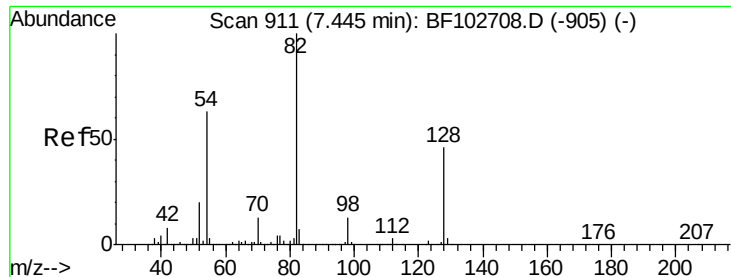
Abundance Ion 105.00 (104.70 to 105.70): E

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

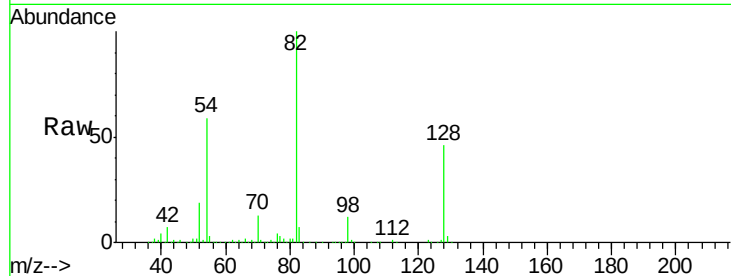




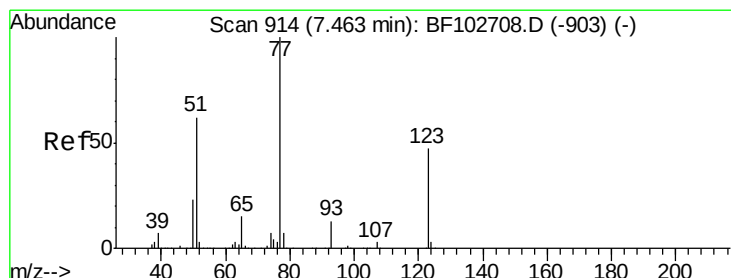
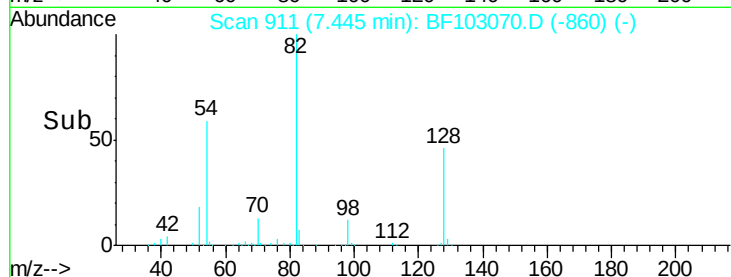
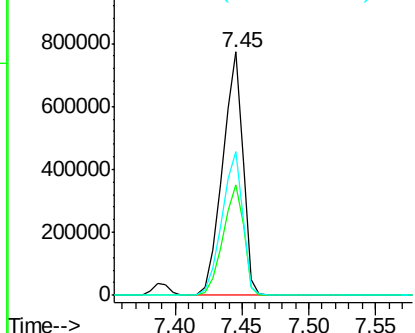
#23
 Nitrobenzene-d5
 Concen: 87.061 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF103070.D
 Acq: 19 Feb 2018 9:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	840832
Ion Ratio	100	Lower	Upper
128	45.6	36.1	54.1
54	59.3	41.4	62.2

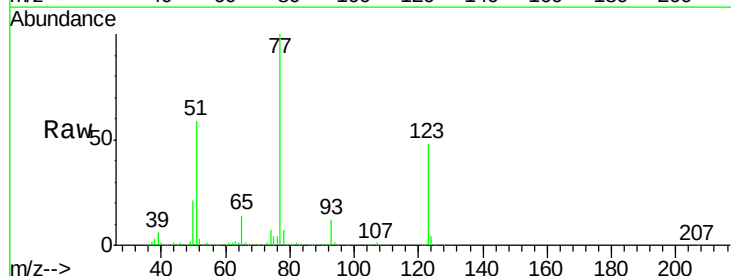


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

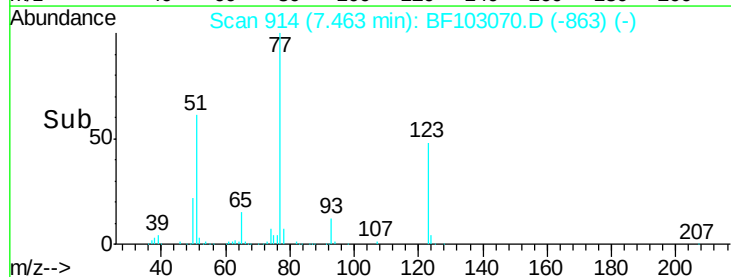
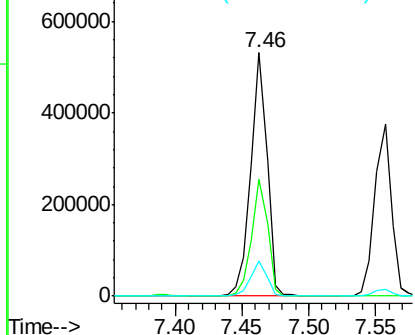


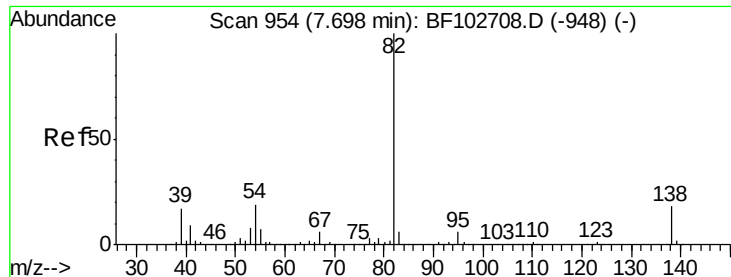
#24
 Nitrobenzene
 Concen: 38.894 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF103070.D
 Acq: 19 Feb 2018 9:53

Tgt Ion	77	Resp	441967
Ion Ratio	100	Lower	Upper
123	48.0	37.9	56.9
65	14.2	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: 36.299 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampleId :

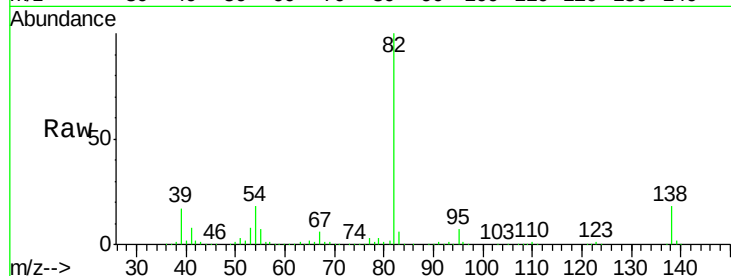
Tot Ion: 82 Resp: 807239

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

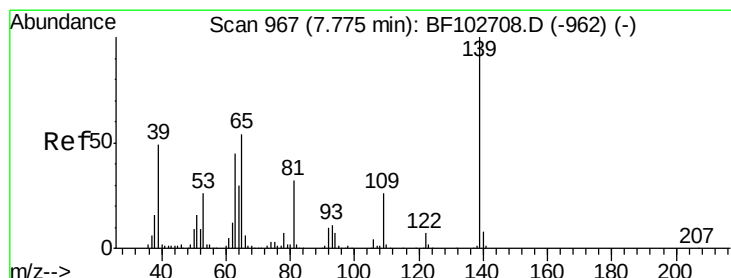
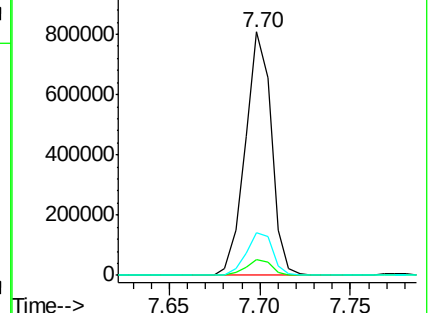
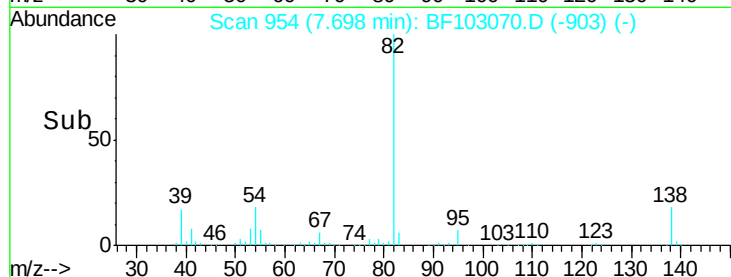
138 17.7 14.9 22.3



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: 49.592 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

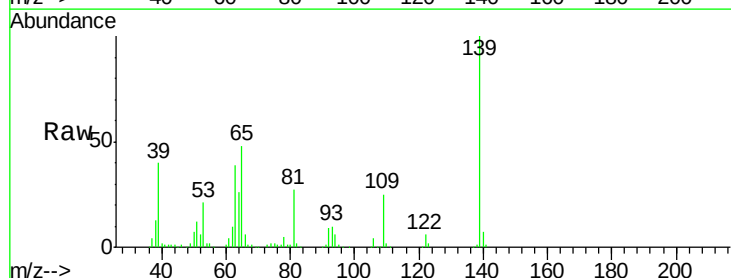
Tgt Ion: 139 Resp: 233094

Ion Ratio Lower Upper

139 100

109 25.4 22.7 34.1

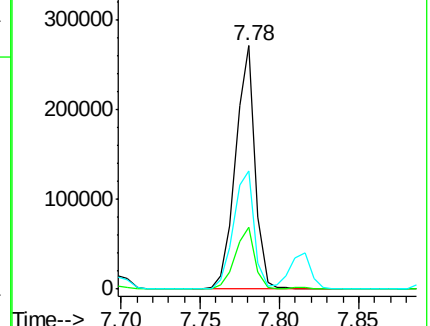
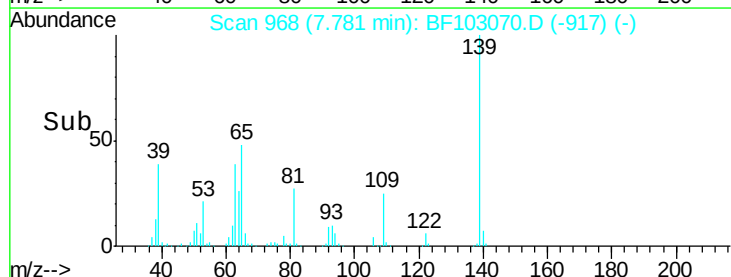
65 48.4 40.5 60.7

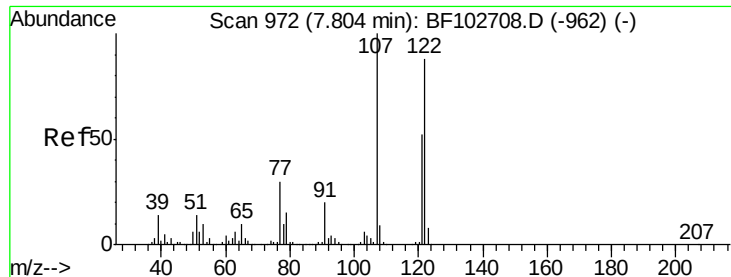


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.360 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampleId :

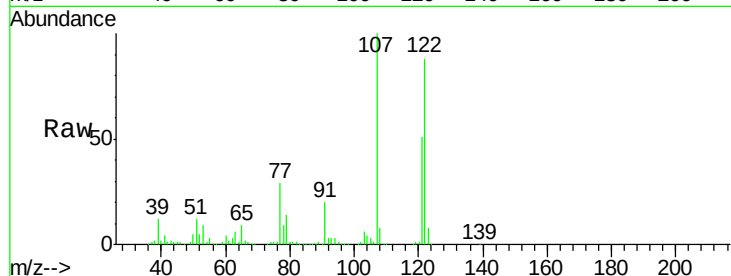
Tot Ion:122 Resp: 369809

Ion Ratio Lower Upper

122 100

107 113.7 91.2 136.8

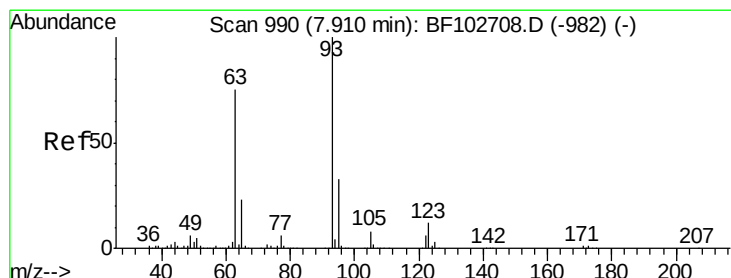
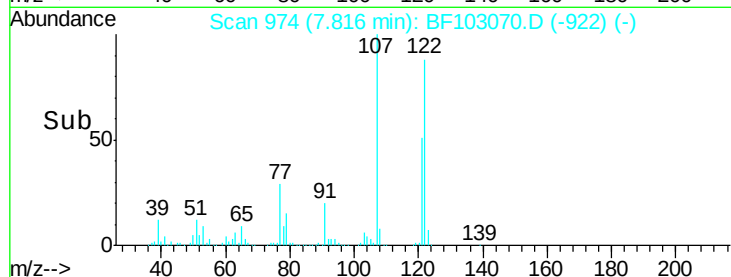
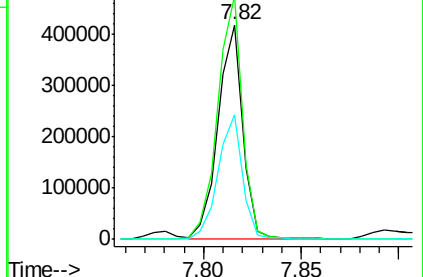
121 58.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.887 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

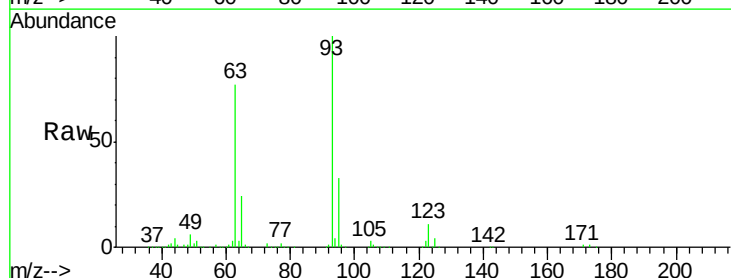
Tgt Ion: 93 Resp: 512302

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

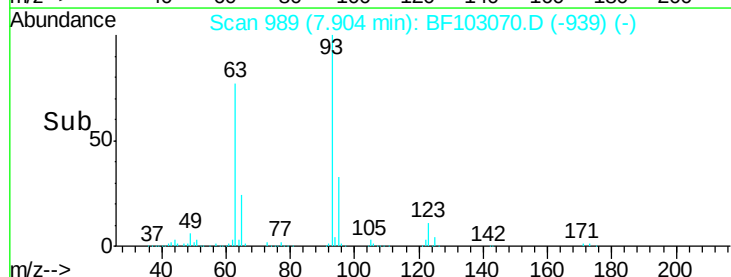
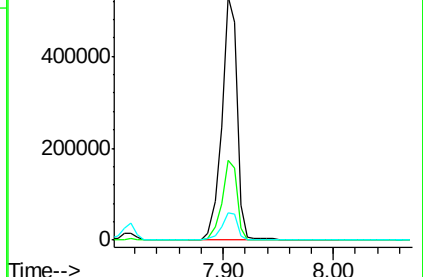
123 11.2 9.8 14.6

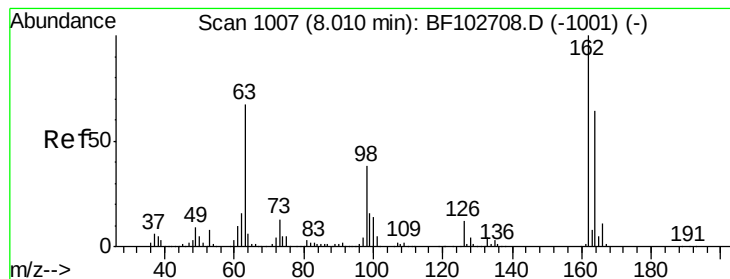


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.140 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampled :

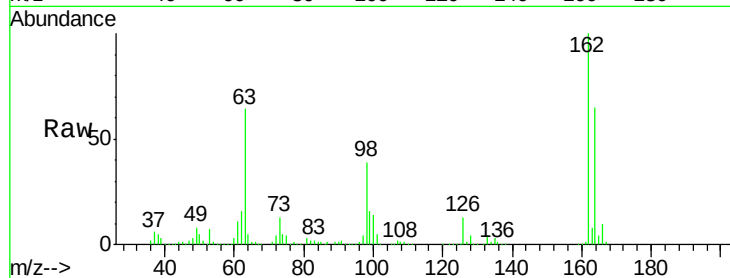
Tot Ion:162 Resp: 334296

Ion Ratio Lower Upper

162 100

164 64.8 42.7 82.7

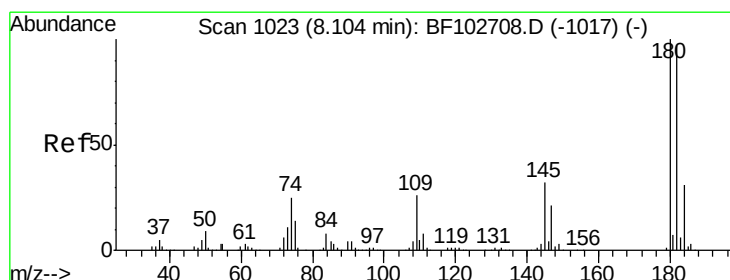
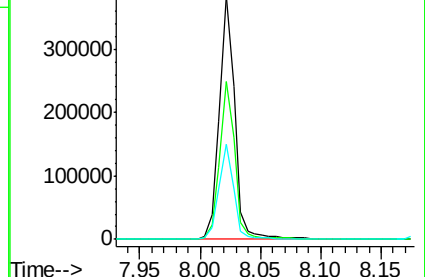
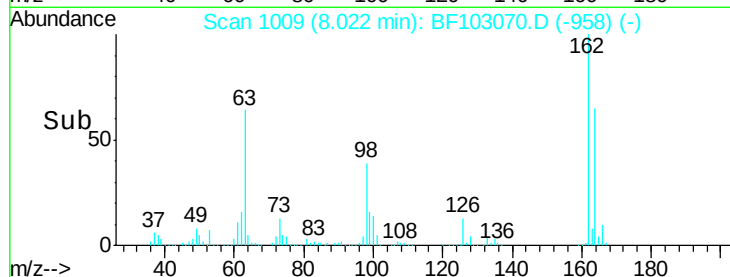
98 39.0 18.1 58.1



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: 34.110 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

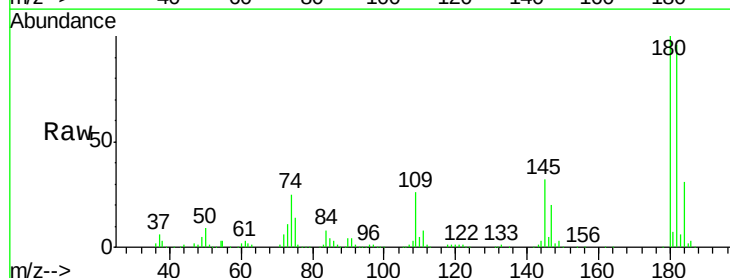
Tgt Ion:180 Resp: 329584

Ion Ratio Lower Upper

180 100

182 95.5 76.8 115.2

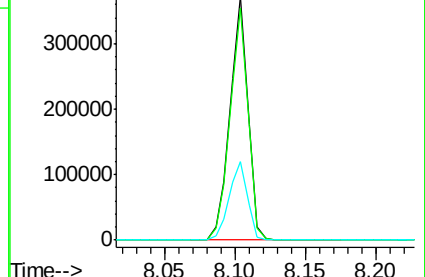
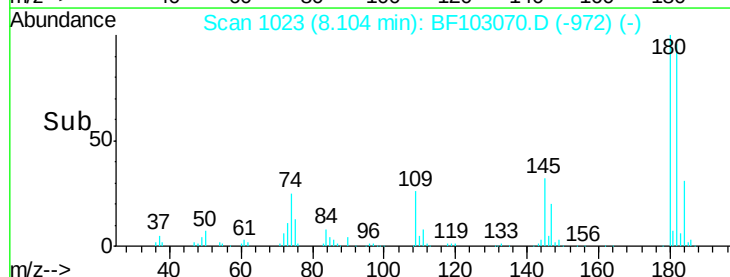
145 32.2 26.5 39.7

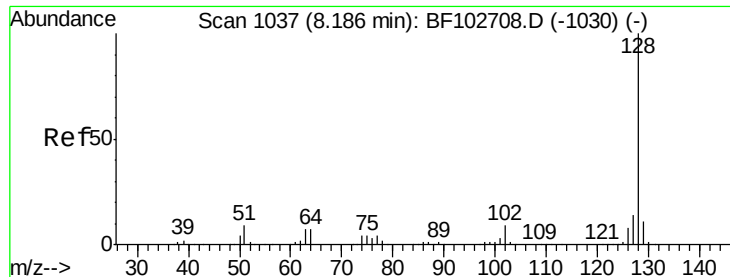


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.302 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampleId :

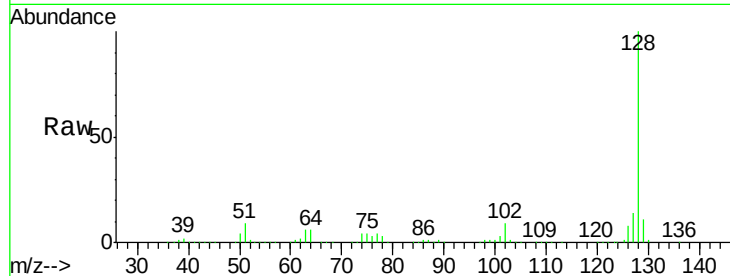
Tot Ion:128 Resp: 1155557

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

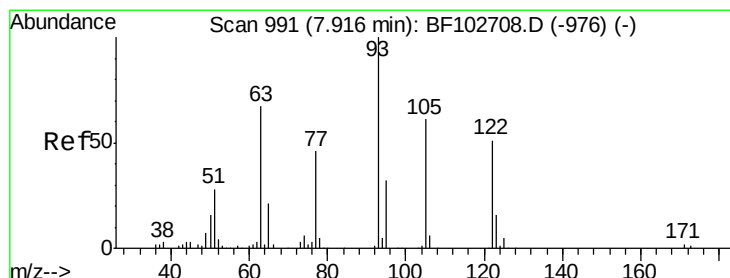
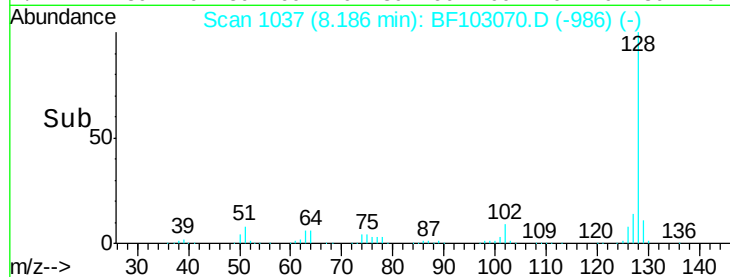
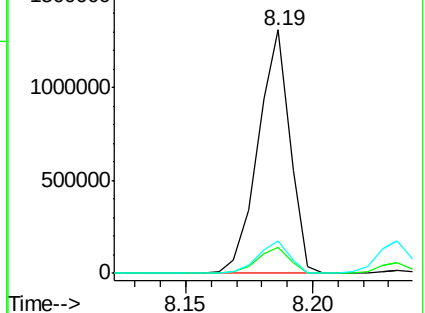
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.961 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.05 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

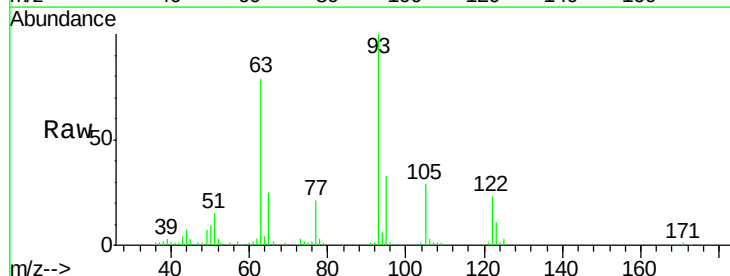
Tgt Ion:122 Resp: 59831

Ion Ratio Lower Upper

122 100

105 124.3 101.1 141.1

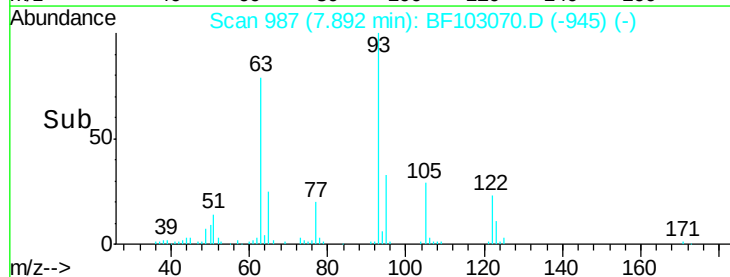
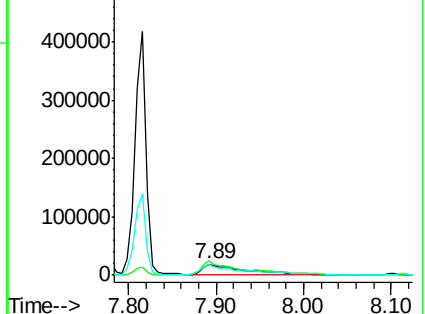
77 91.3 70.7 110.7

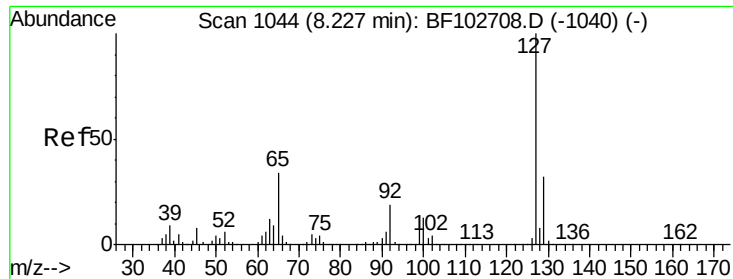


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

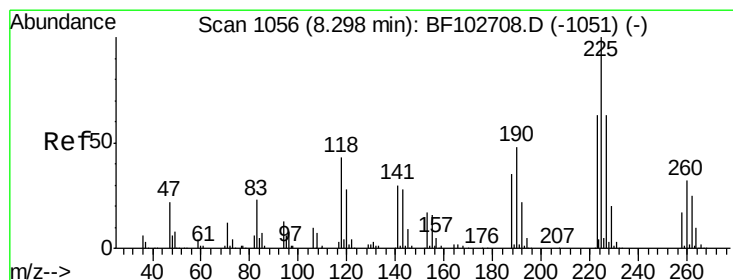
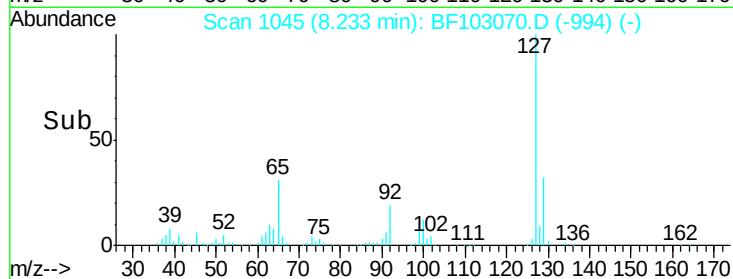
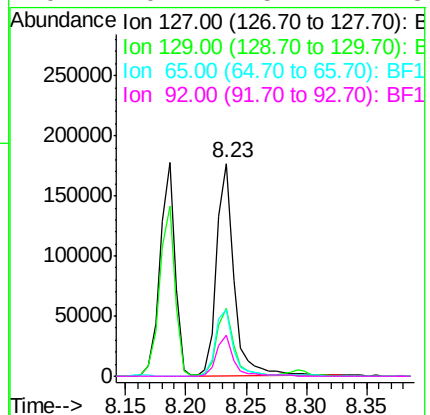
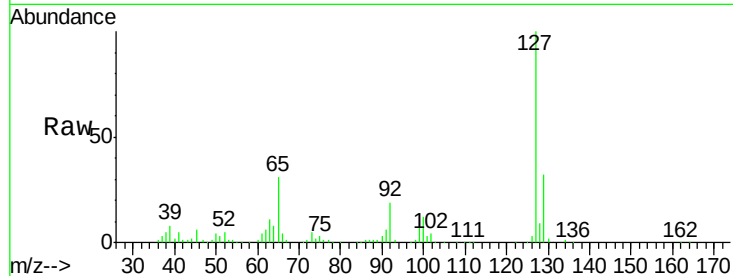




#33
4-Chloroaniline
Concen: 12.417 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF103070.D
Acq: 19 Feb 2018 9:53

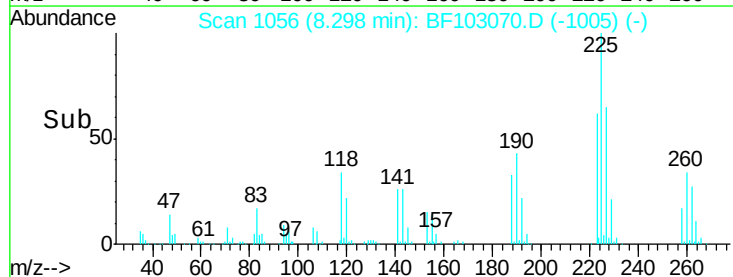
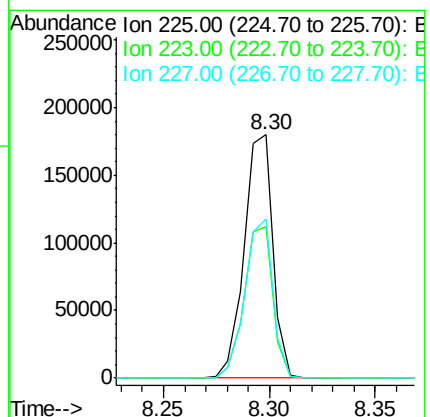
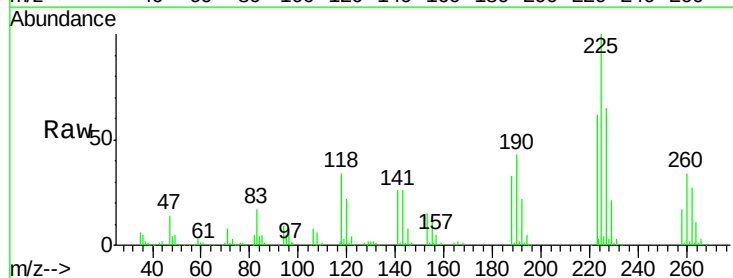
Instrument :
BNA_F
ClientSampled :

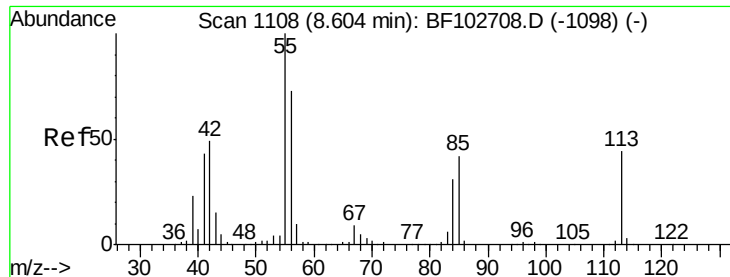
Tot Ion:	127	Resp:	175095
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	31.3	25.0	37.4
92	19.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 34.039 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF103070.D
Acq: 19 Feb 2018 9:53

Tgt Ion:	225	Resp:	168535
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	65.2	51.9	77.9





#35

Caprolactam

Concen: 37.147 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampleId :

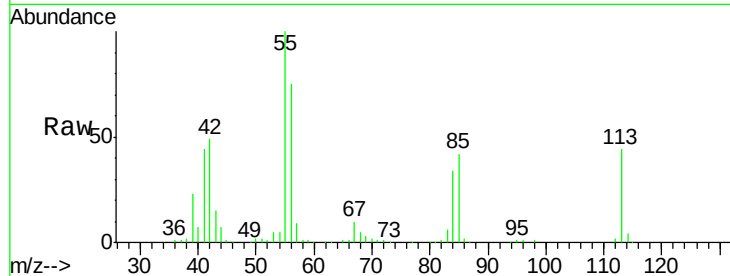
Tot Ion:113 Resp: 110185

Ion Ratio Lower Upper

113 100

55 229.4 163.3 203.3#

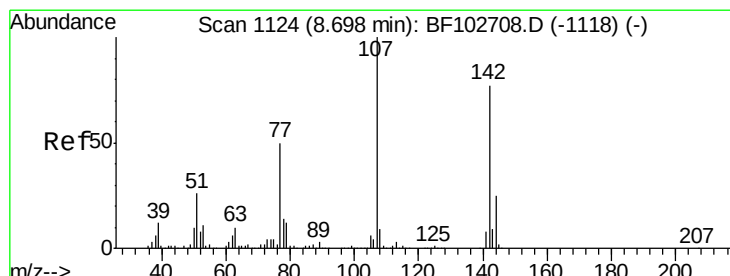
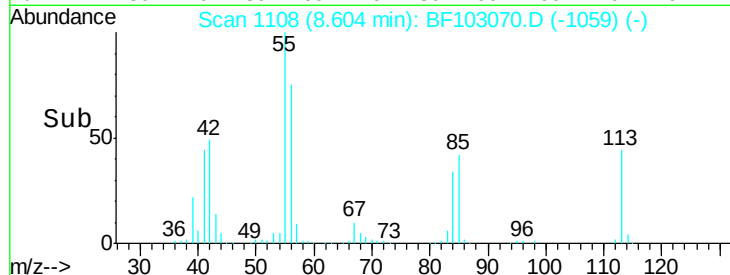
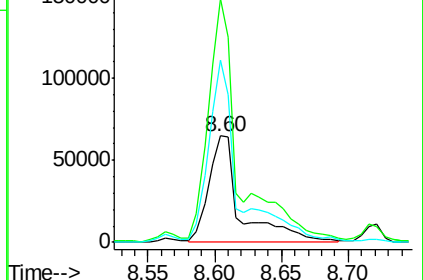
56 171.3 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.475 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

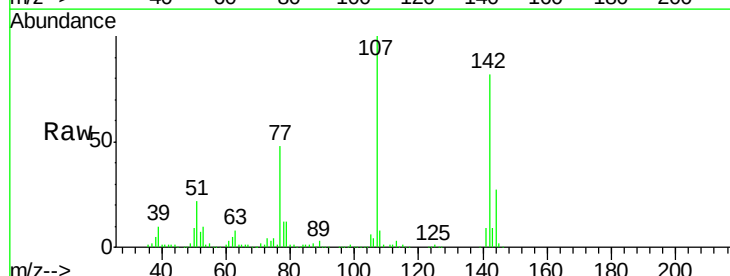
Tgt Ion:107 Resp: 369230

Ion Ratio Lower Upper

107 100

144 26.7 20.5 30.7

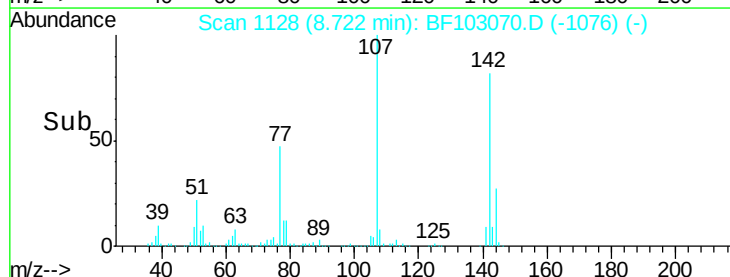
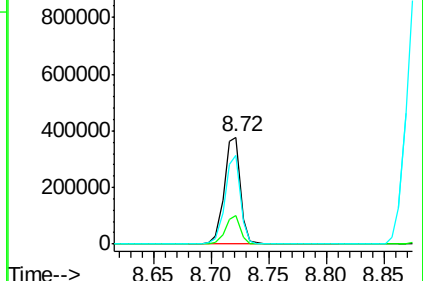
142 82.3 62.0 93.0

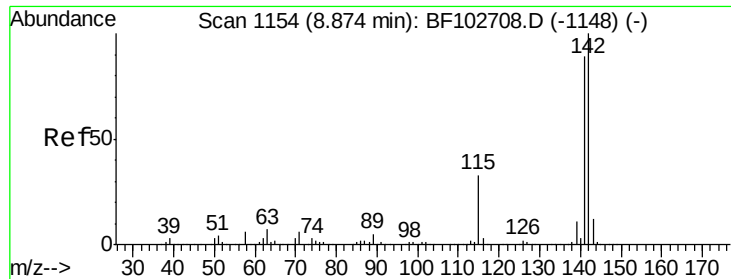


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

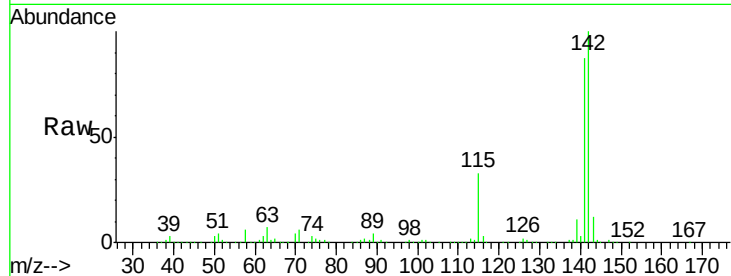




#37
 2-Methylnaphthalene
 Concen: 35.990 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF103070.D
 Acq: 19 Feb 2018 9:53

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.8	106.2
115	32.8	26.1	39.1

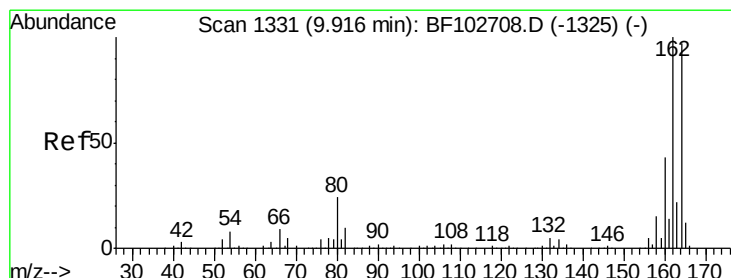
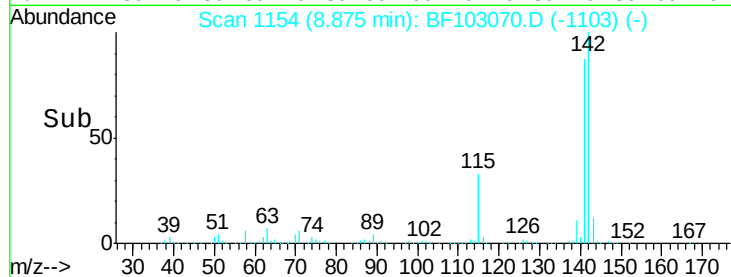
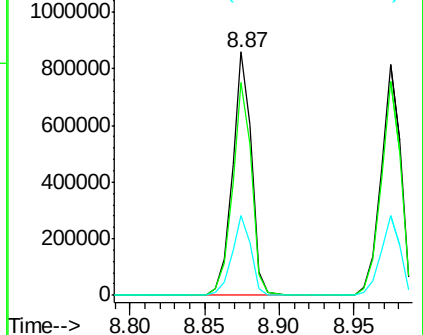


Abundance

Ion 142.00 (141.70 to 142.70): E

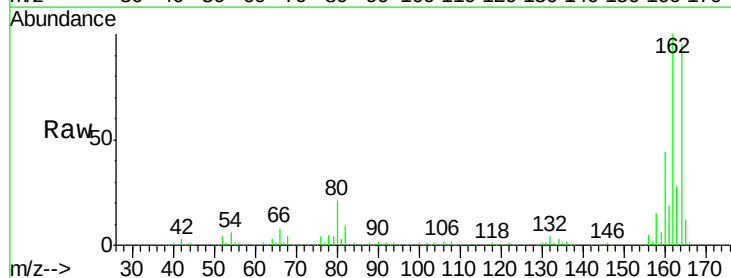
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF103070.D
 Acq: 19 Feb 2018 9:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	46.9	38.3	57.5

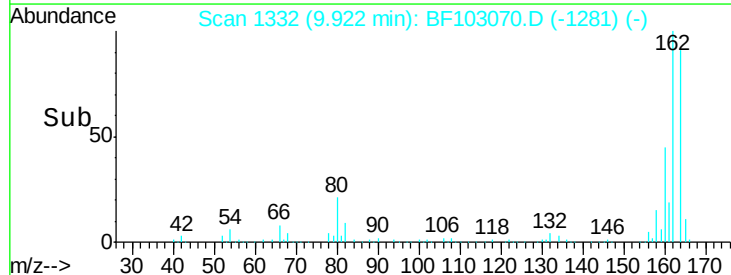
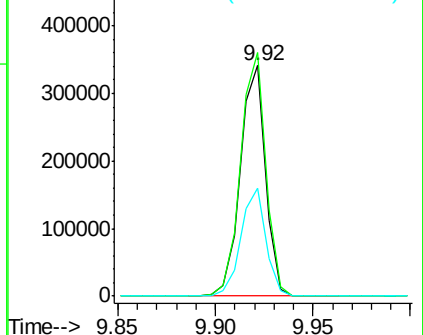


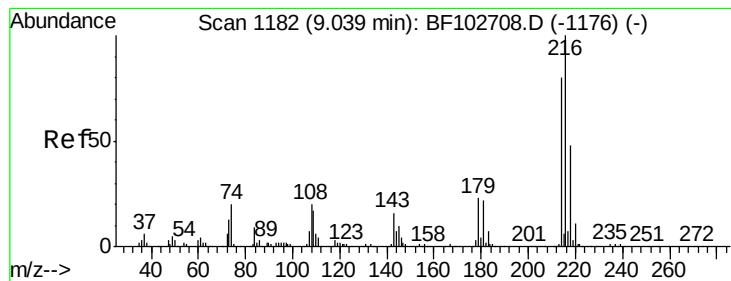
Abundance

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: 35.653 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 295415

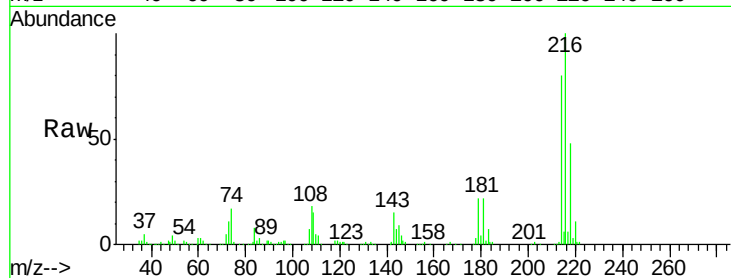
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 23.1 18.1 27.1

108 23.8 17.2 25.8

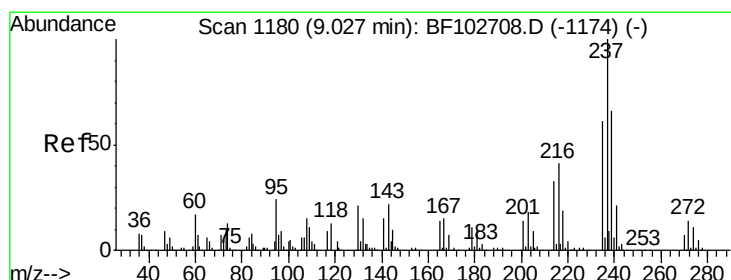
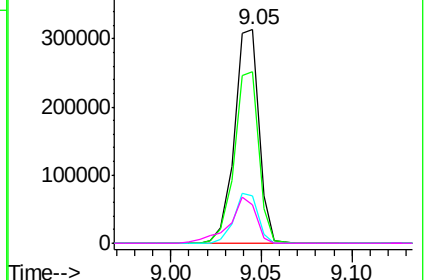
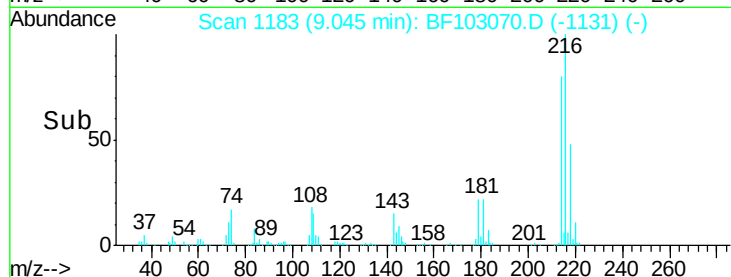


Abundance Ion 216.00 (215.70 to 216.70): E

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: 62.228 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

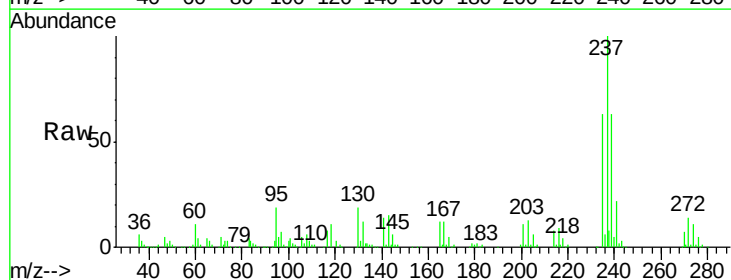
Tgt Ion:237 Resp: 245106

Ion Ratio Lower Upper

237 100

235 63.4 44.8 84.8

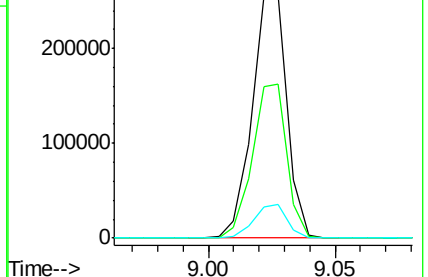
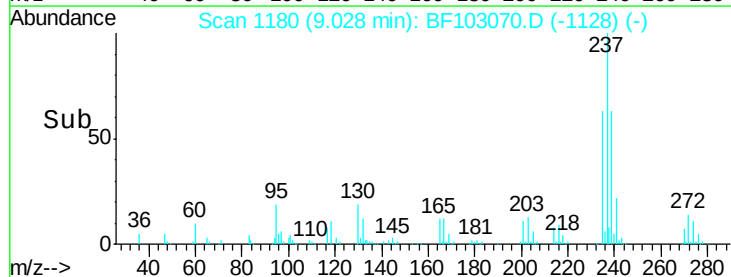
272 13.7 0.0 33.3

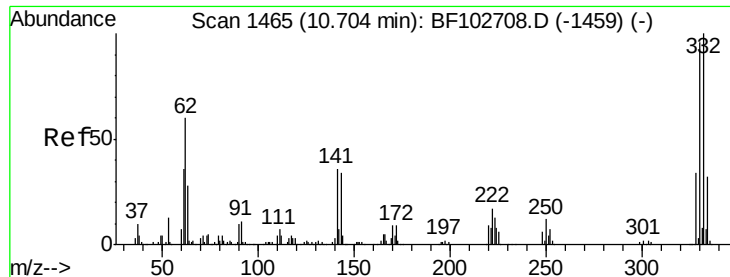


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 114.219 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampled :

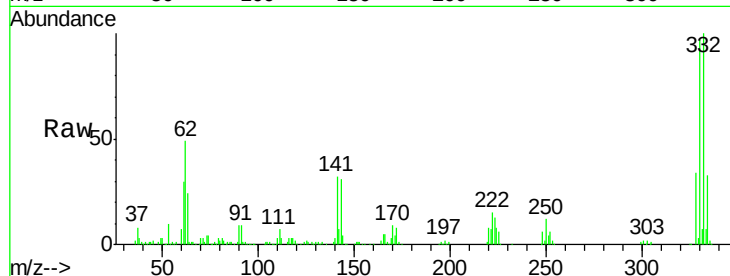
Tot Ion:330 Resp: 279757

Ion Ratio Lower Upper

330 100

332 103.1 77.0 115.6

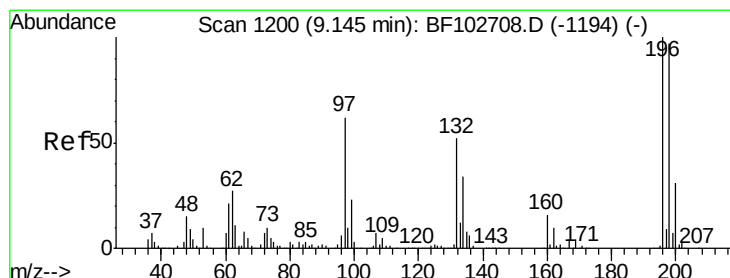
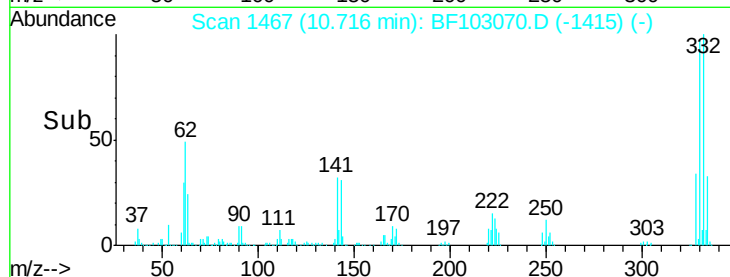
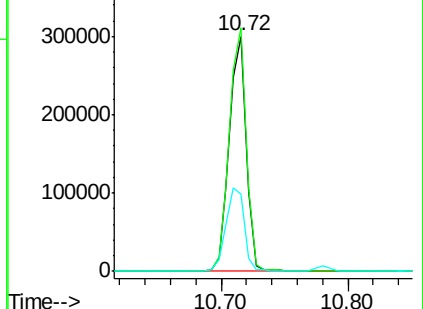
141 38.4 29.9 44.9



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: 39.133 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

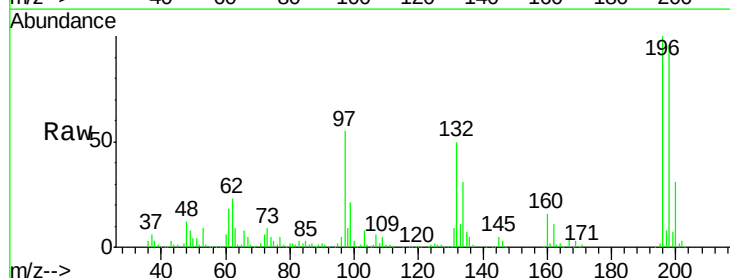
Tgt Ion:196 Resp: 212973

Ion Ratio Lower Upper

196 100

198 96.1 75.7 113.5

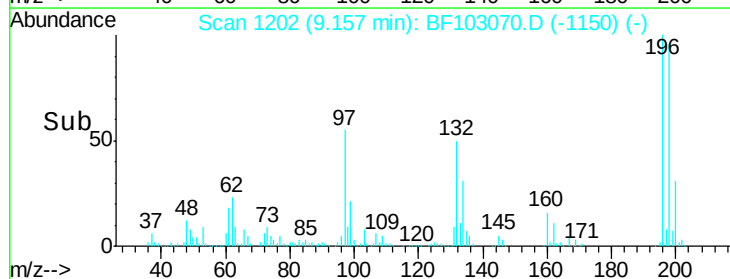
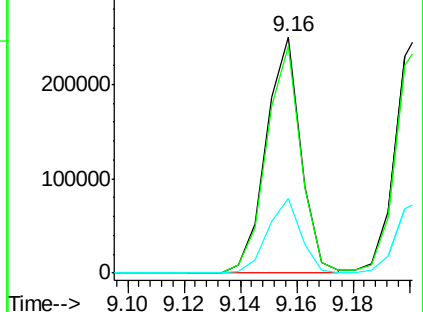
200 31.4 24.5 36.7

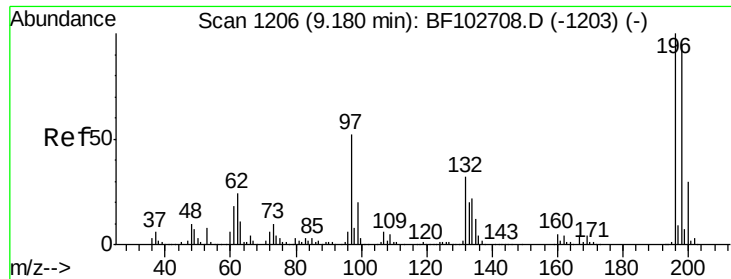


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

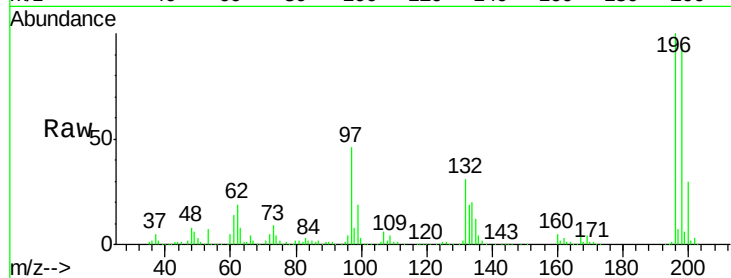




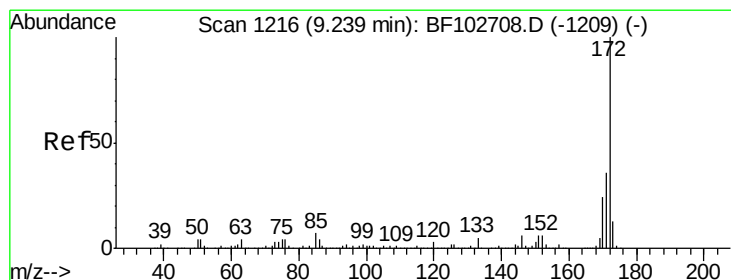
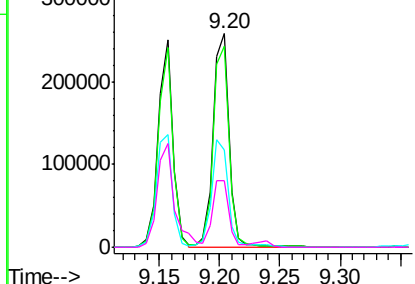
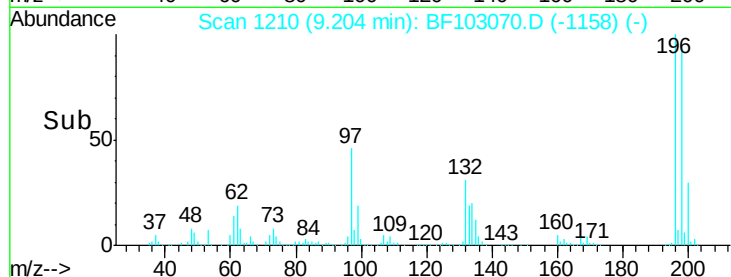
#43
 2,4,5-Trichlorophenol
 Concen: 37.964 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF103070.D
 Acq: 19 Feb 2018 9:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.6	112.0
97	45.8	42.9	64.3
132	30.9	26.3	39.5

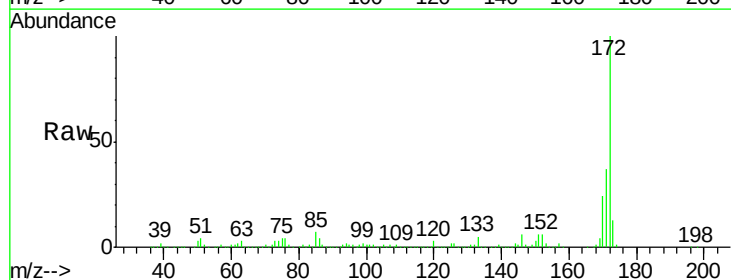


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

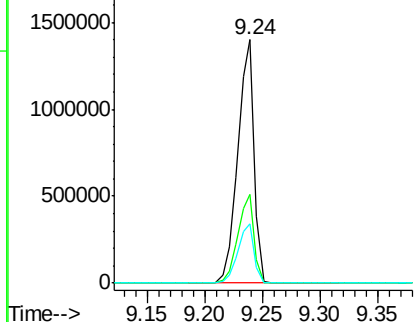
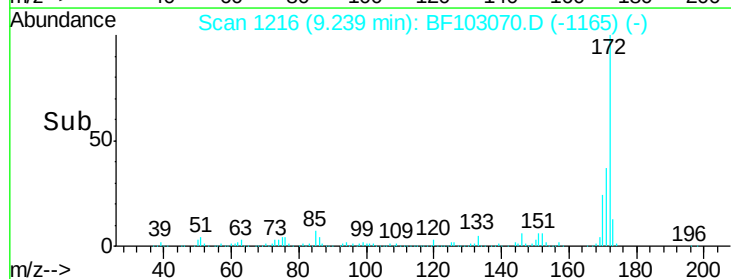


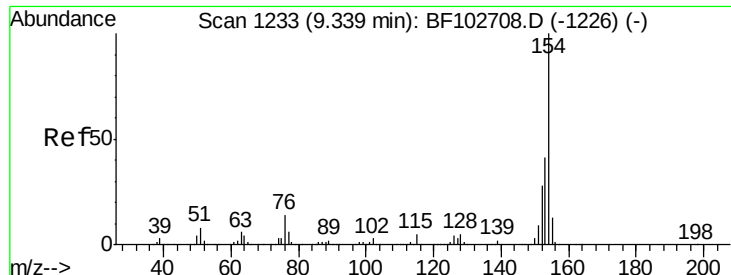
#44
 2-Fluorobiphenyl
 Concen: 74.310 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF103070.D
 Acq: 19 Feb 2018 9:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	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

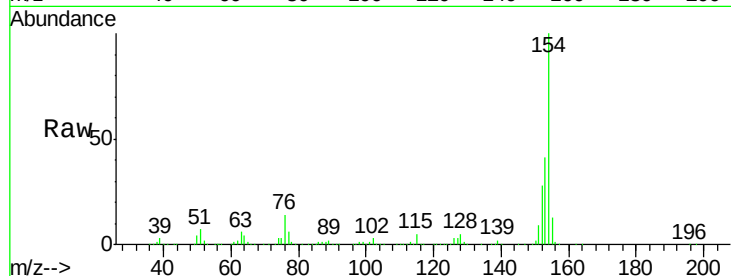




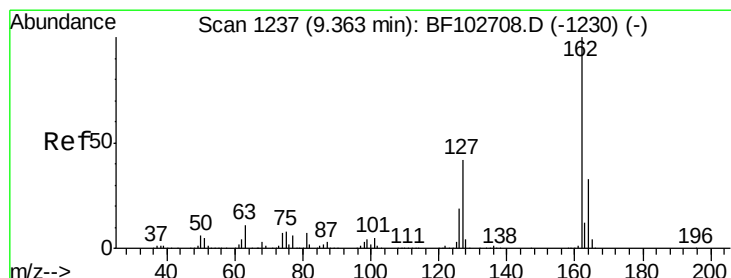
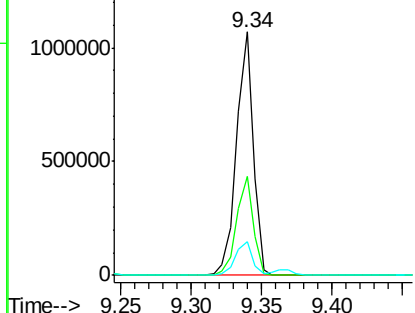
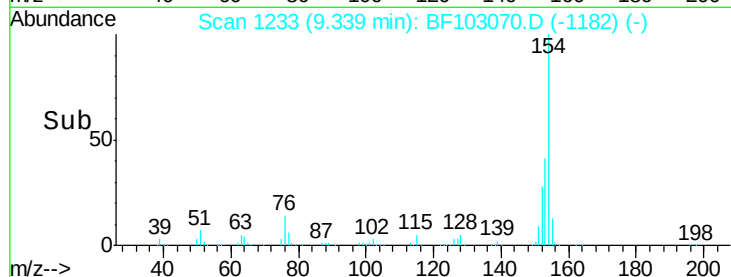
#45
 1,1'-Biphenyl
 Concen: 34.574 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF103070.D
 Acq: 19 Feb 2018 9:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	13.6	0.0	34.0

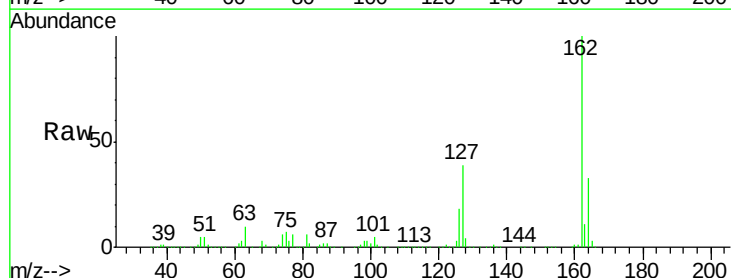


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

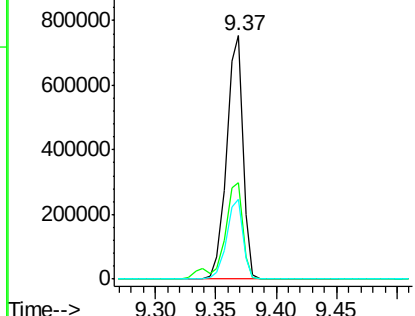
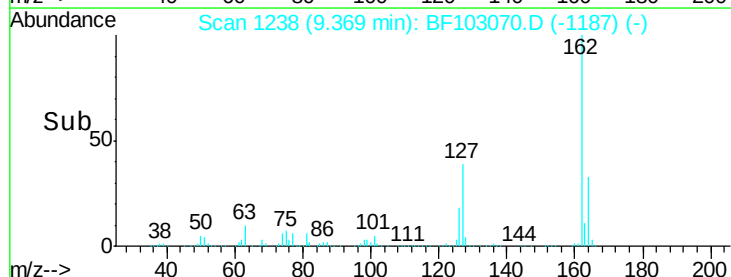


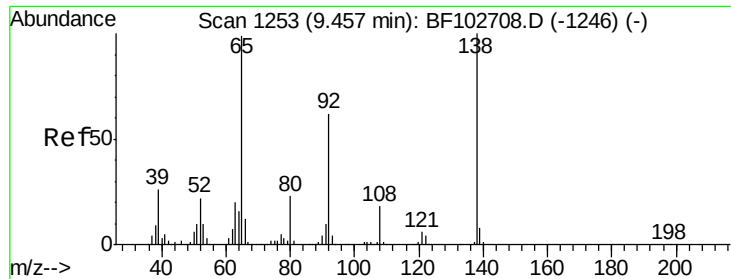
#46
 2-Chloronaphthalene
 Concen: 35.050 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF103070.D
 Acq: 19 Feb 2018 9:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	33.9	50.9
164	32.8	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.479 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampleId :

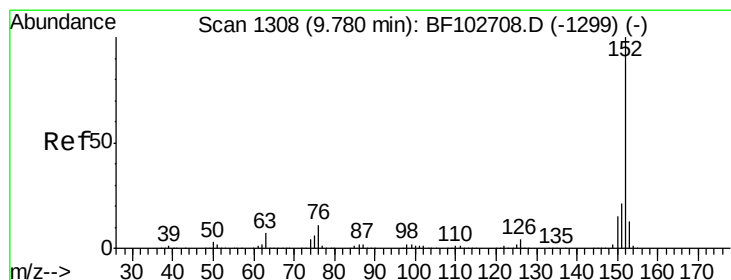
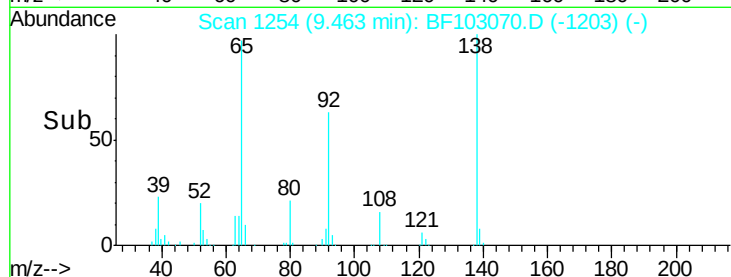
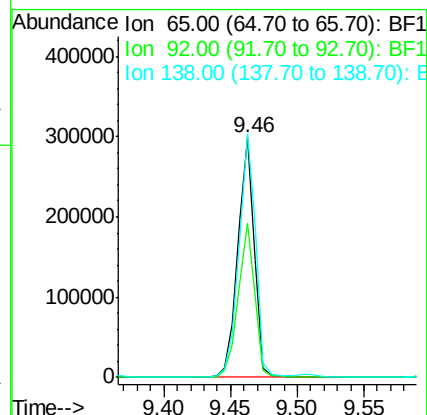
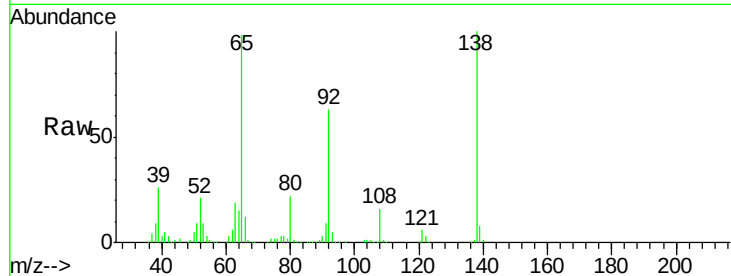
Tot Ion: 65 Resp: 261820

Ion Ratio Lower Upper

65 100

92 64.6 55.8 83.6

138 101.8 91.2 136.8



#48

Acenaphthylene

Concen: 34.147 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

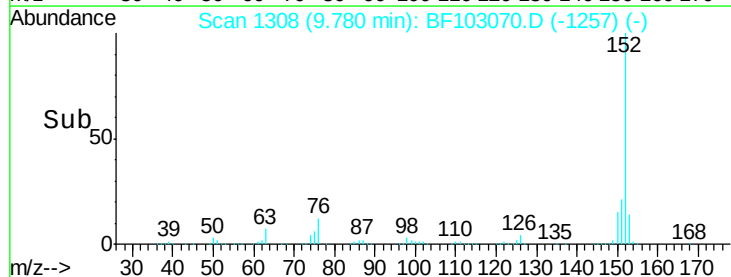
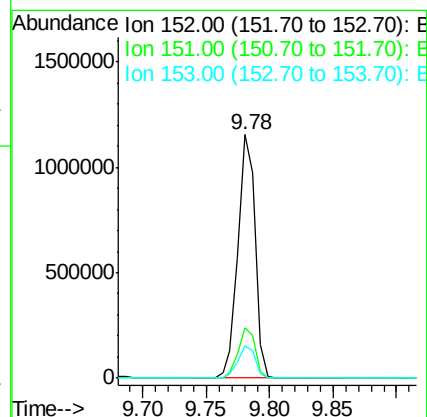
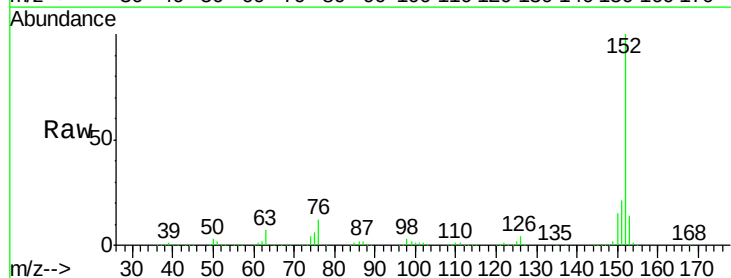
Tgt Ion: 152 Resp: 1070175

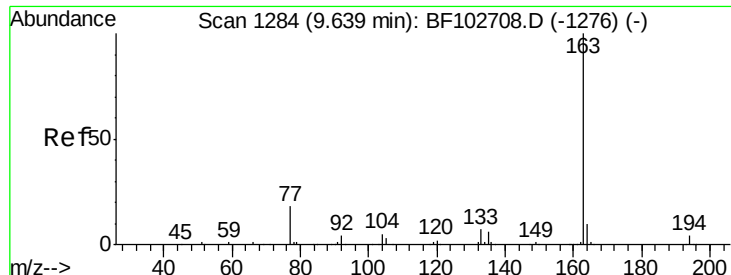
Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

153 13.5 10.7 16.1

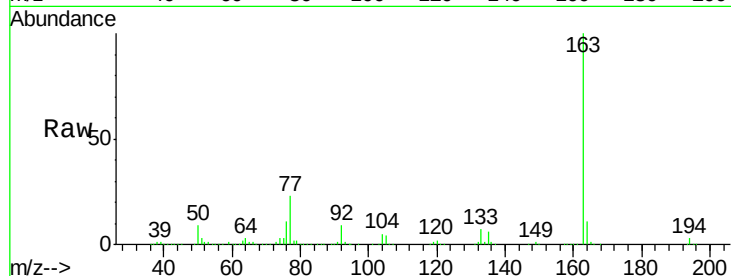




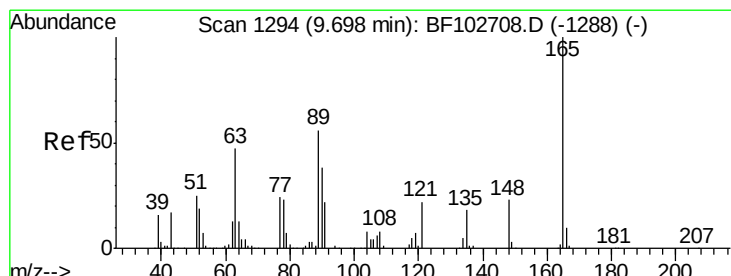
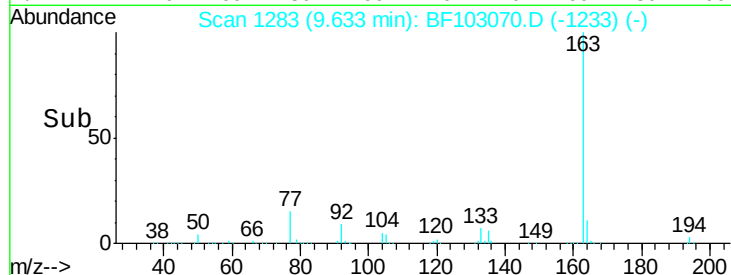
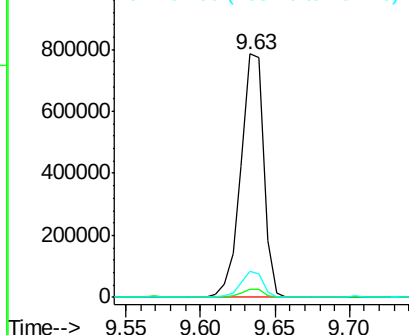
#49
Dimethylphthalate
Concen: 35.361 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF103070.D
Acq: 19 Feb 2018 9:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 839021
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.6 8.2 12.2

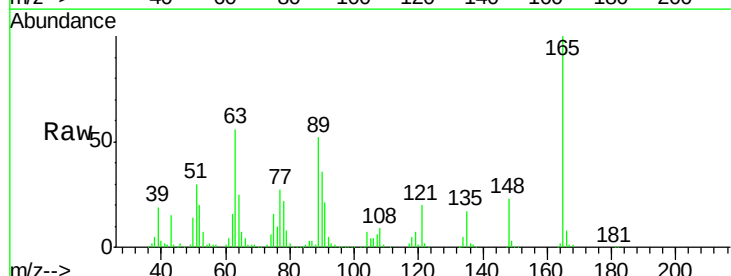


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

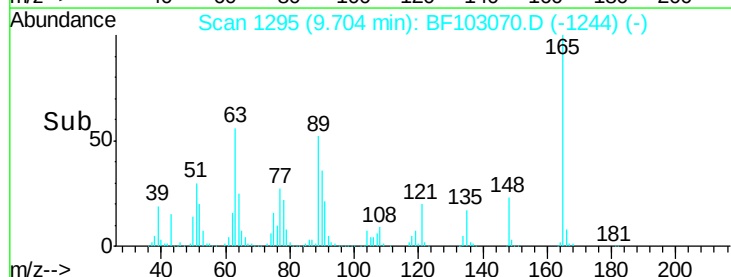
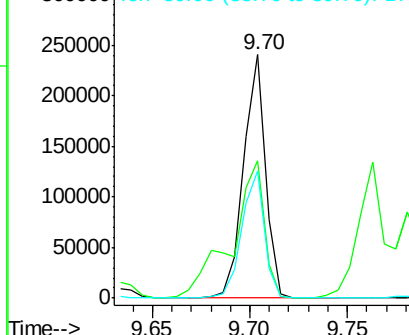


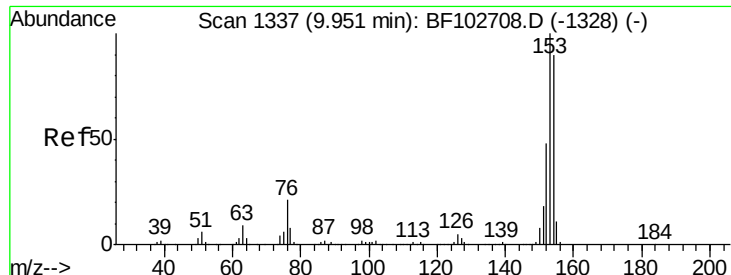
#50
2,6-Dinitrotoluene
Concen: 41.567 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF103070.D
Acq: 19 Feb 2018 9:53

Tgt Ion:165 Resp: 187641
Ion Ratio Lower Upper
165 100
63 56.3 44.7 67.1
89 52.2 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: 33.022 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampled :

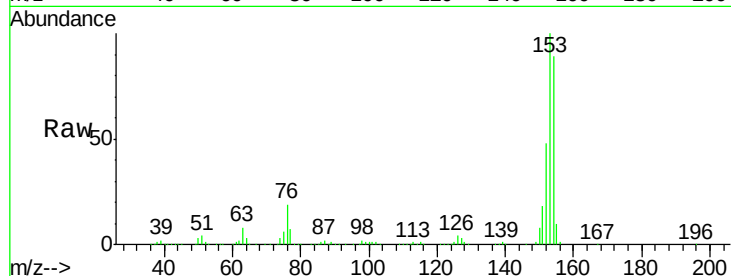
Tot Ion:154 Resp: 618920

Ion Ratio Lower Upper

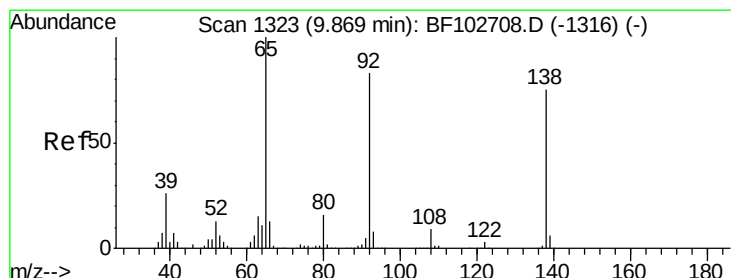
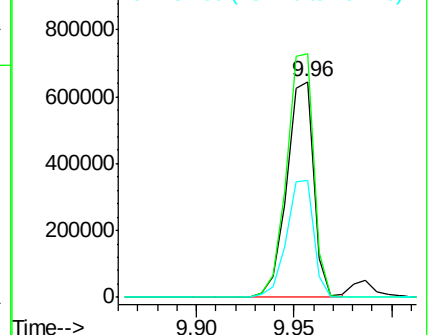
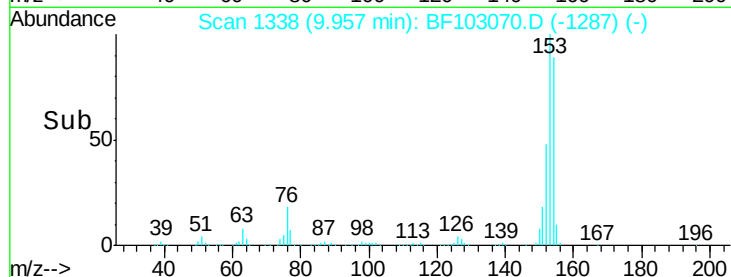
154 100

153 113.0 91.2 136.8

152 54.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.039 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

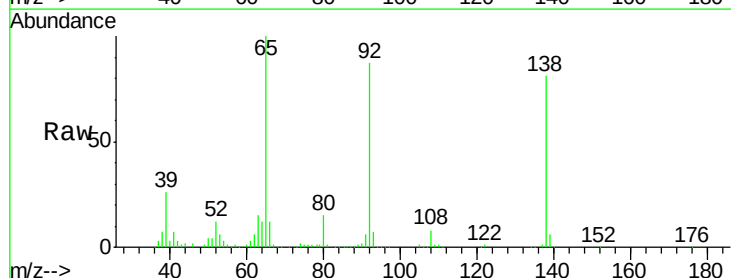
Tgt Ion:138 Resp: 133523

Ion Ratio Lower Upper

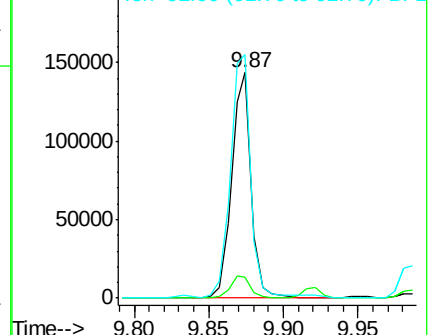
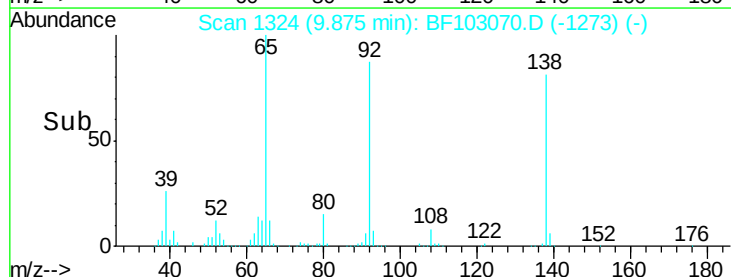
138 100

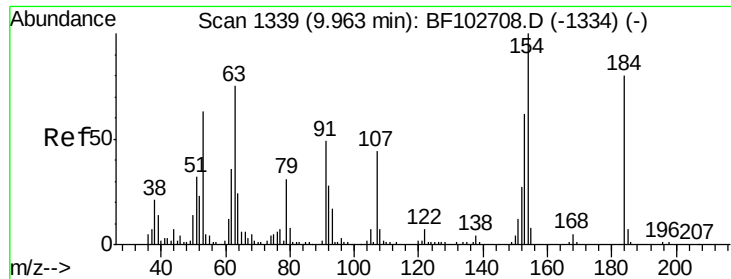
108 9.5 9.4 14.0

92 107.9 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

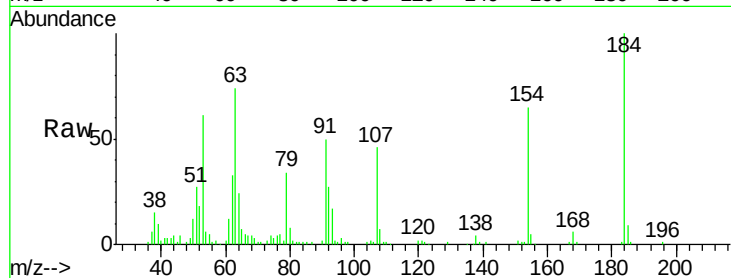




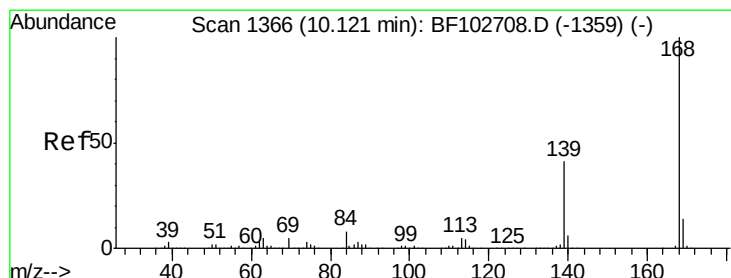
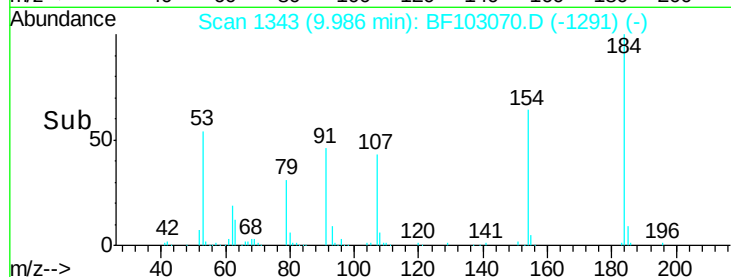
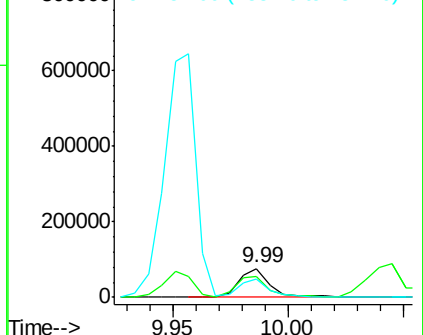
#53
2,4-Dinitrophenol
Concen: 57.846 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF103070.D
Acq: 19 Feb 2018 9:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 70092
Ion Ratio Lower Upper
184 100
63 73.6 54.2 81.2
154 64.8 184.0 276.0#

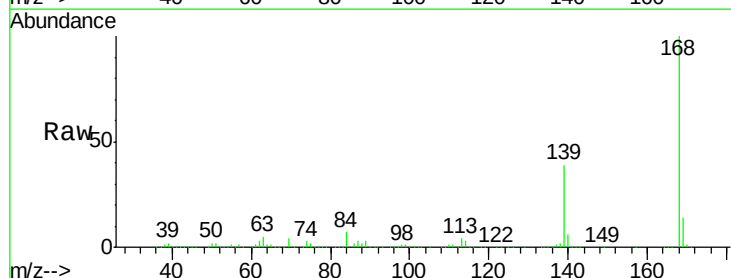


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

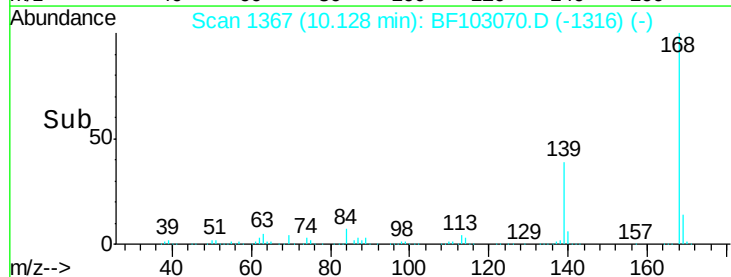
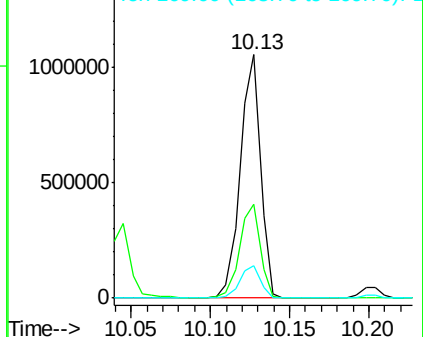


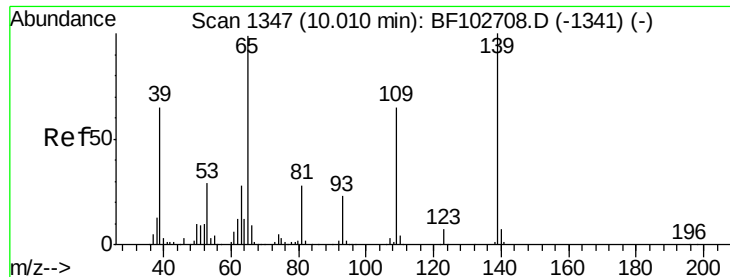
#54
Dibenzofuran
Concen: 35.536 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF103070.D
Acq: 19 Feb 2018 9:53

Tgt Ion:168 Resp: 938632
Ion Ratio Lower Upper
168 100
139 38.5 30.1 45.1
169 13.5 10.9 16.3



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

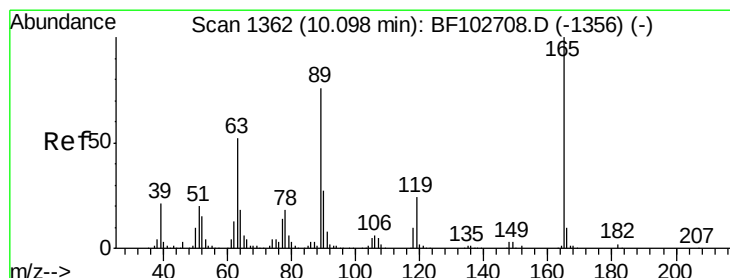
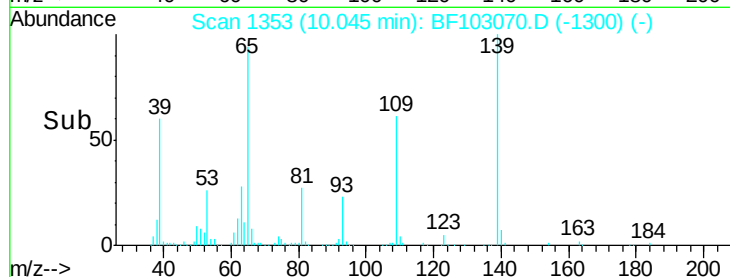
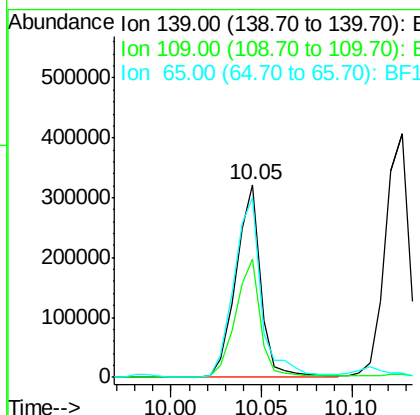
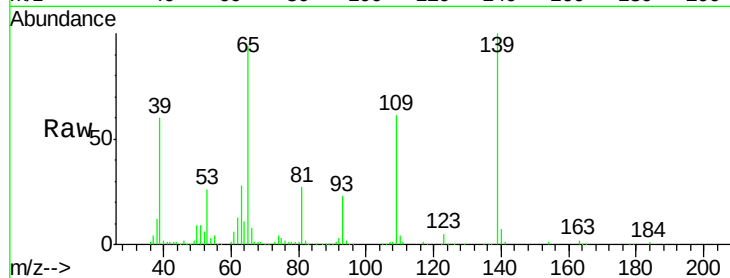




#55
4-Nitrophenol
Concen: 68.103 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103070.D
Acq: 19 Feb 2018 9:53

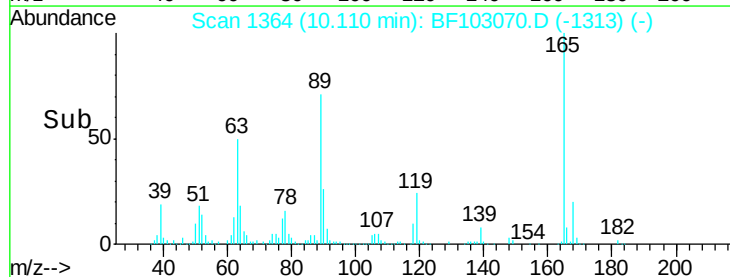
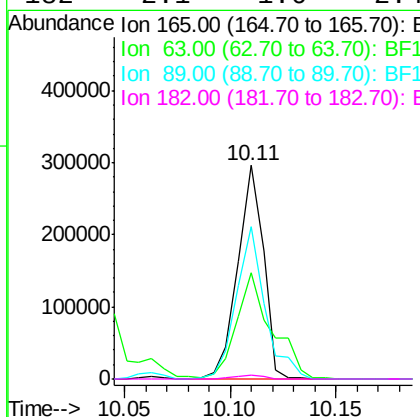
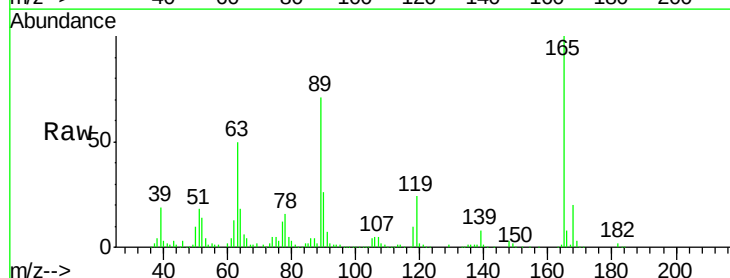
Instrument :
BNA_F
ClientSampleId :

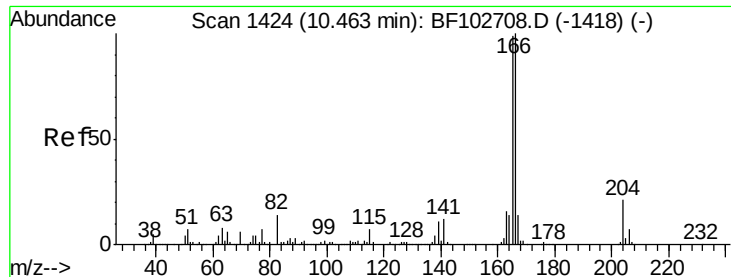
Tot Ion:139 Resp: 307986
Ion Ratio Lower Upper
139 100
109 61.5 48.4 88.4
65 93.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.717 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF103070.D
Acq: 19 Feb 2018 9:53

Tgt Ion:165 Resp: 249956
Ion Ratio Lower Upper
165 100
63 50.0 36.4 54.6
89 71.2 57.8 86.6
182 2.1 1.6 2.4

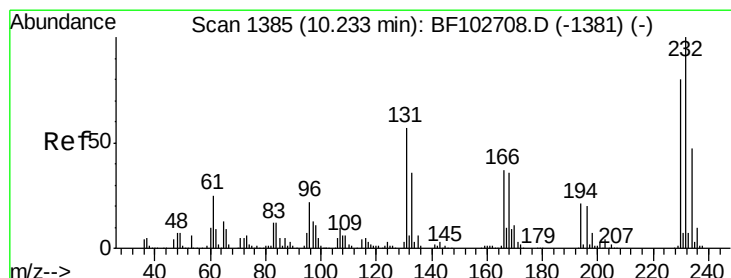
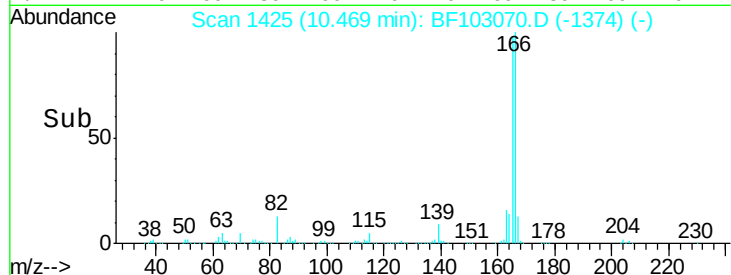
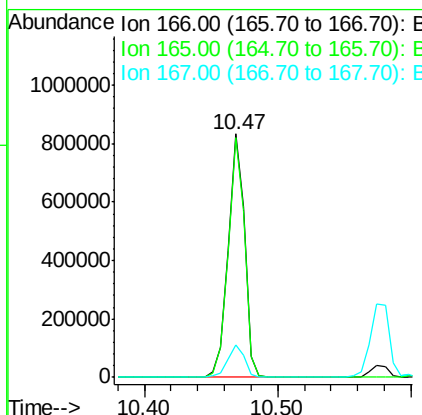
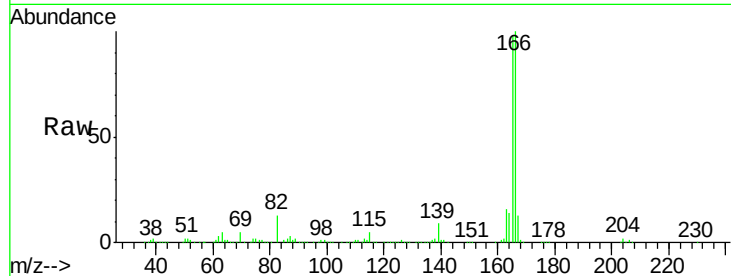




#57
 Fluorene
 Concen: 37.889 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF103070.D
 Acq: 19 Feb 2018 9:53

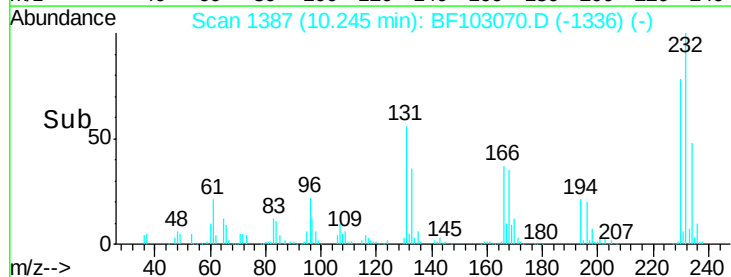
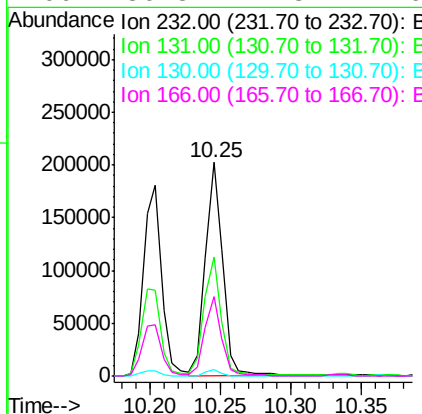
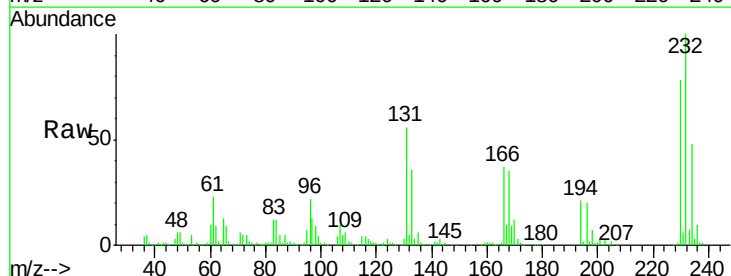
Instrument :
 BNA_F
 ClientSampleId :

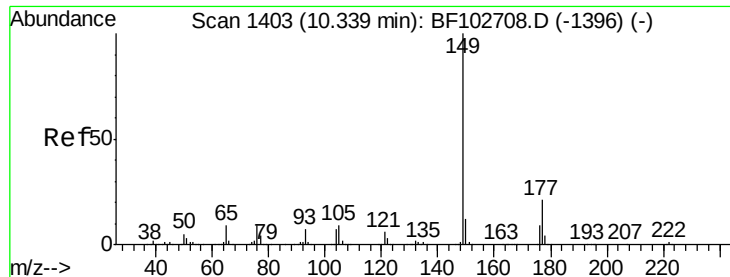
Tot Ion:166 Resp: 728131
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.652 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF103070.D
 Acq: 19 Feb 2018 9:53

Tgt Ion:232 Resp: 172828
 Ion Ratio Lower Upper
 232 100
 131 55.1 43.8 65.8
 130 2.7 2.1 3.1
 166 36.3 27.8 41.6

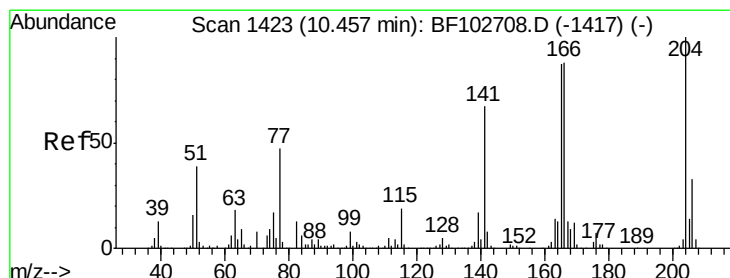
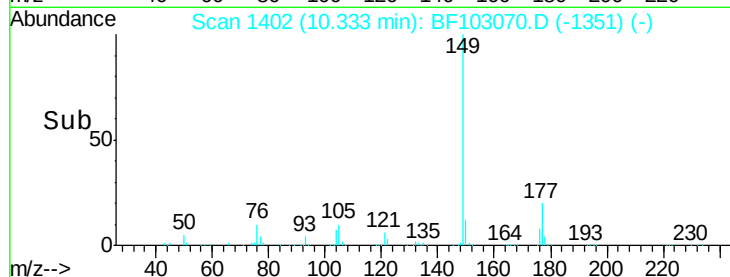
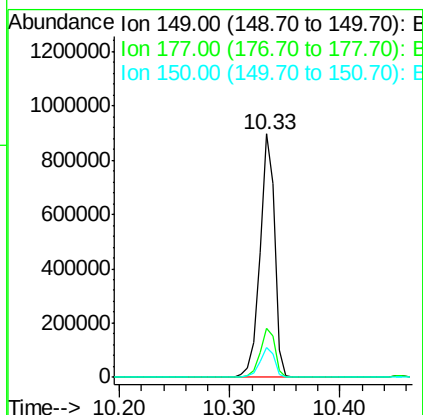
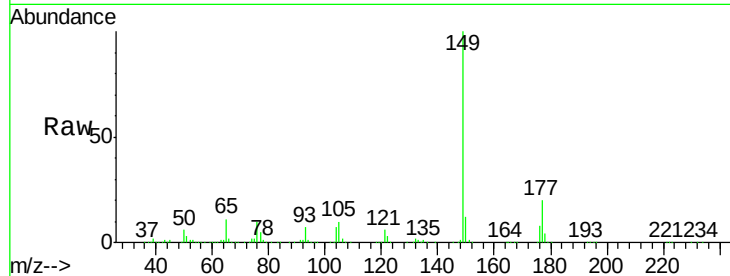




#59
Diethylphthalate
Concen: 35.365 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF103070.D
Acq: 19 Feb 2018 9:53

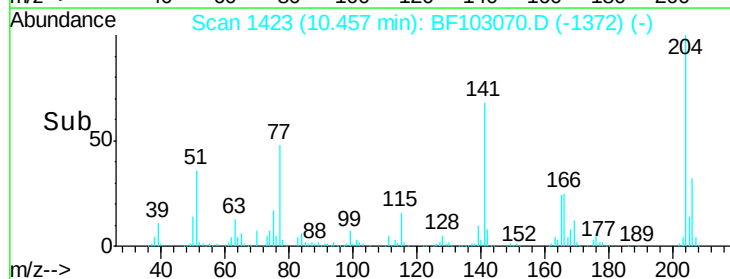
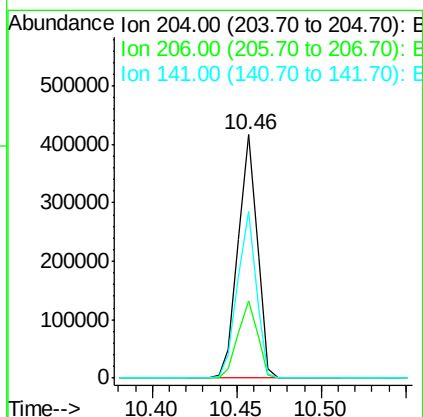
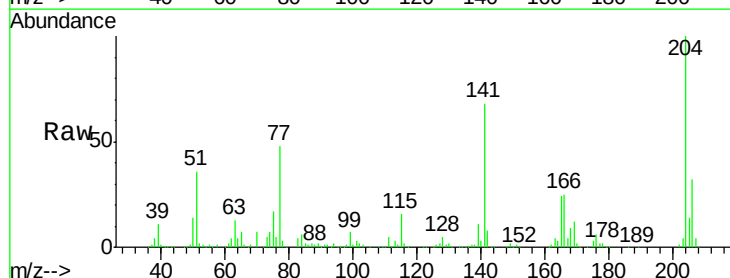
Instrument :
BNA_F
ClientSampleId :

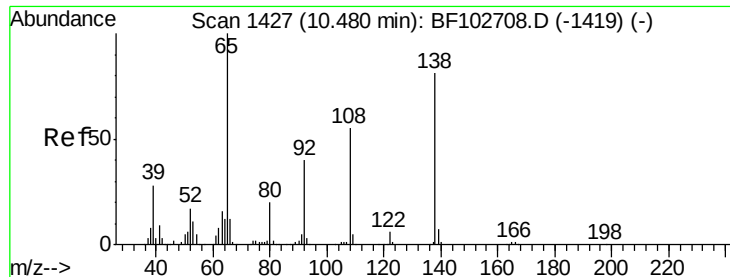
Tot Ion:149 Resp: 828545
Ion Ratio Lower Upper
149 100
177 20.3 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.786 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF103070.D
Acq: 19 Feb 2018 9:53

Tgt Ion:204 Resp: 329730
Ion Ratio Lower Upper
204 100
206 31.8 26.5 39.7
141 68.3 54.6 81.8





#61

4-Nitroaniline

Concen: 41.078 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampled :

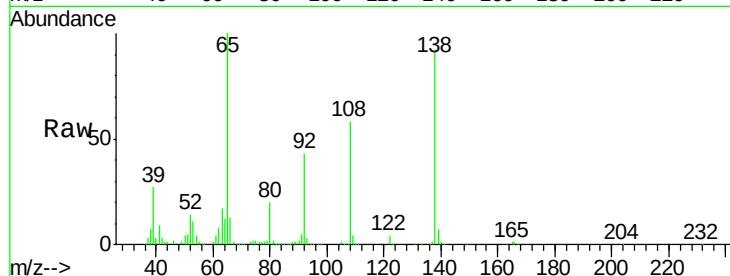
Tot Ion:138 Resp: 217182

Ion Ratio Lower Upper

138 100

92 46.6 30.2 70.2

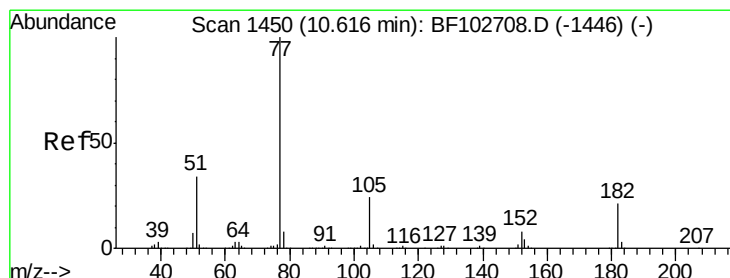
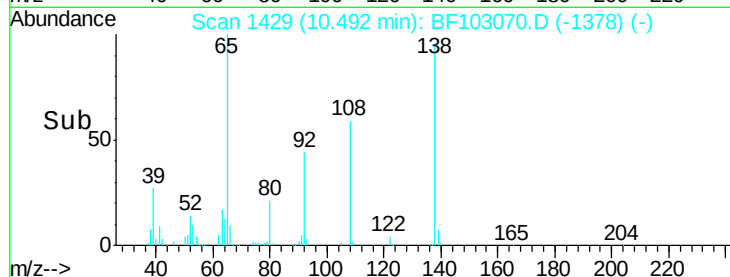
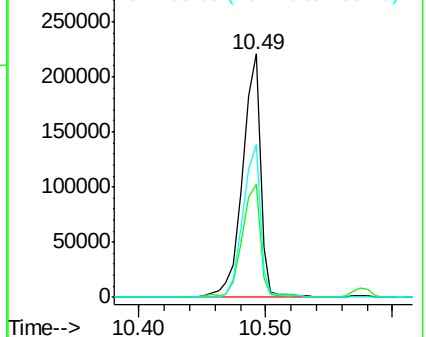
108 62.9 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.643 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Tgt Ion: 77 Resp: 834245

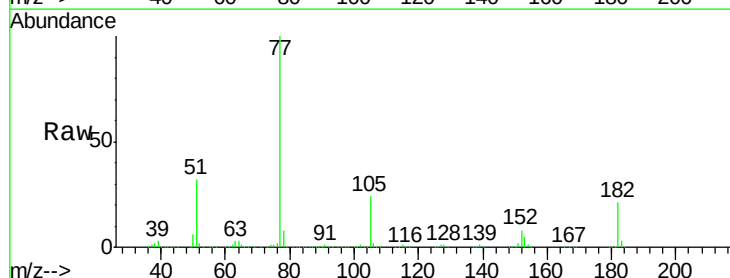
Ion Ratio Lower Upper

77 100

182 20.8 1.7 41.7

105 24.1 3.0 43.0

51 32.4 9.9 49.9

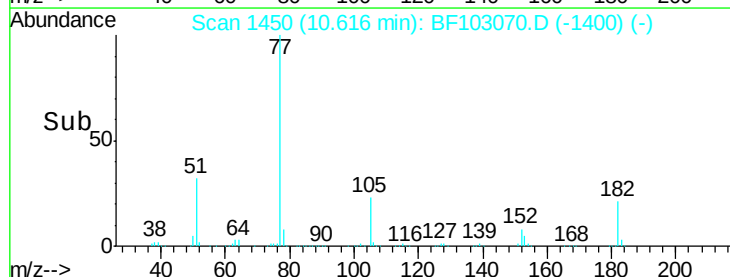
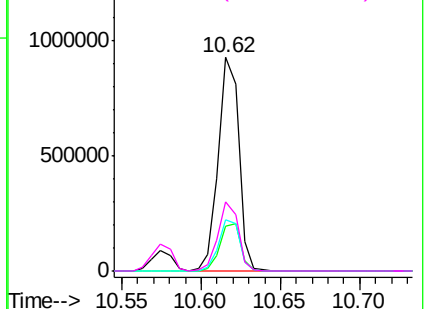


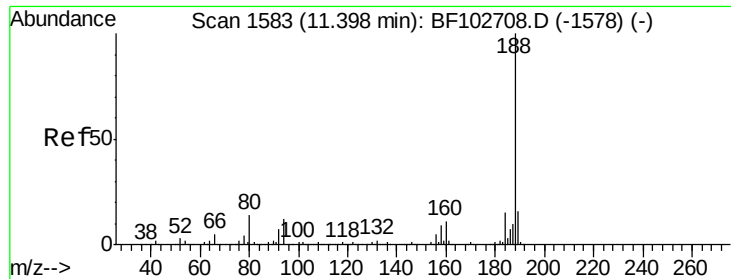
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampleId :

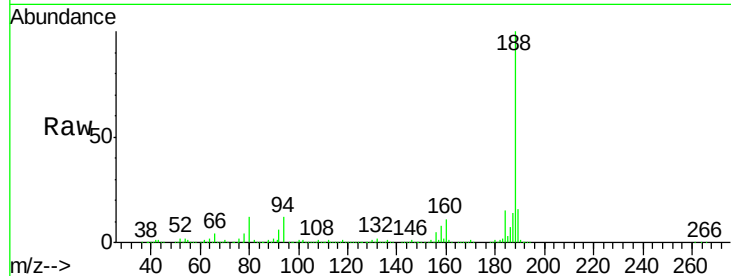
Tot Ion:188 Resp: 525752

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

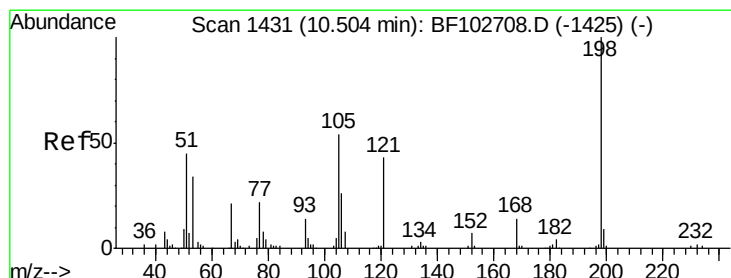
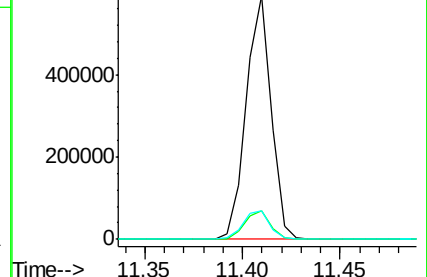
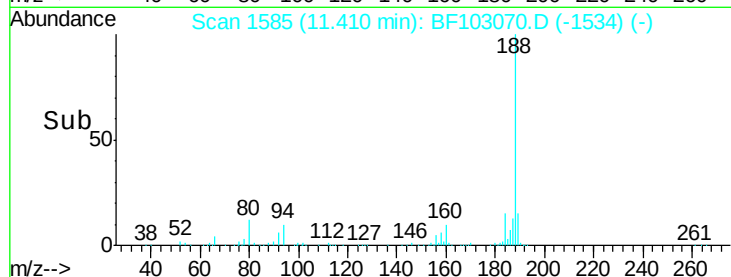
80 11.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 38.210 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

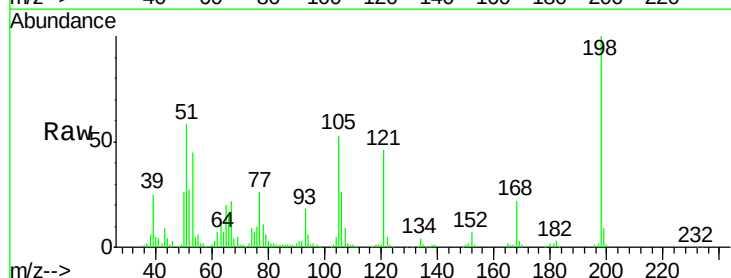
Tgt Ion:198 Resp: 76450

Ion Ratio Lower Upper

198 100

51 58.1 37.7 77.7

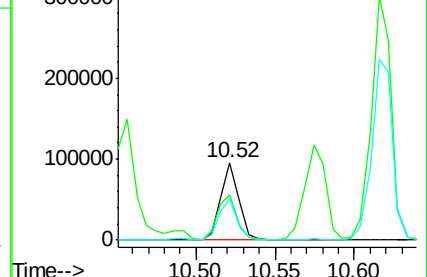
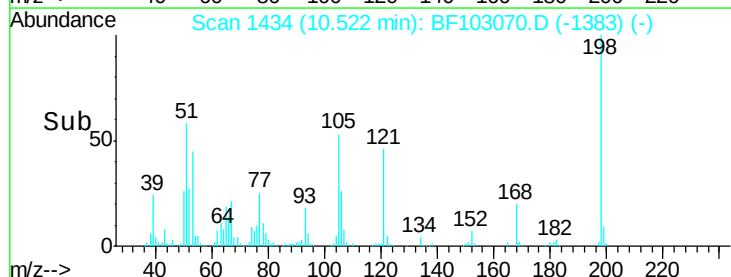
105 53.2 36.3 76.3

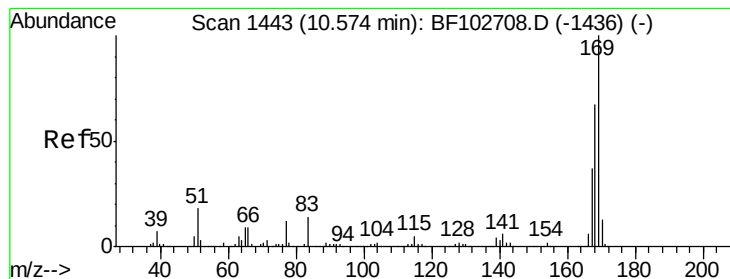


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.494 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampleId :

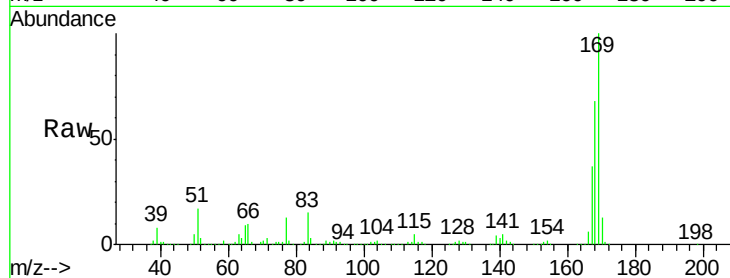
Tot Ion:169 Resp: 658239

Ion Ratio Lower Upper

169 100

168 68.0 54.4 81.6

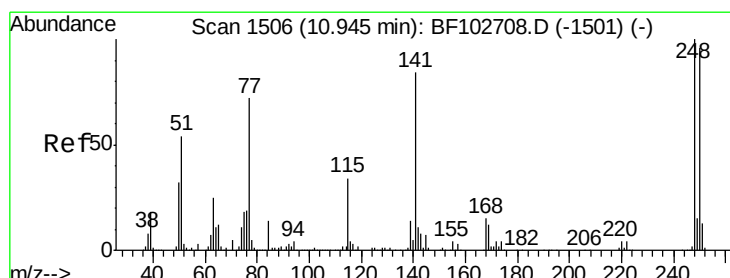
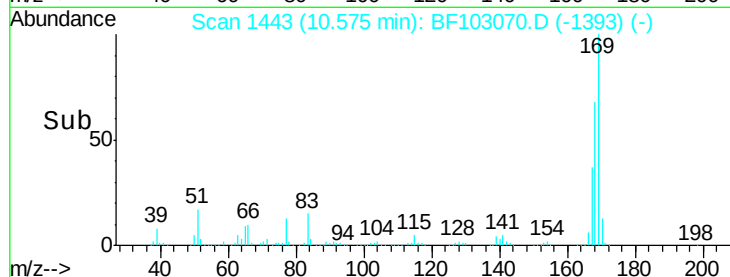
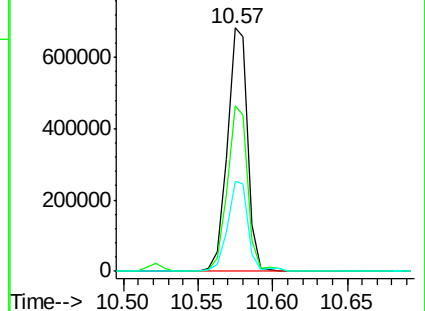
167 36.8 29.8 44.6



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: 36.028 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

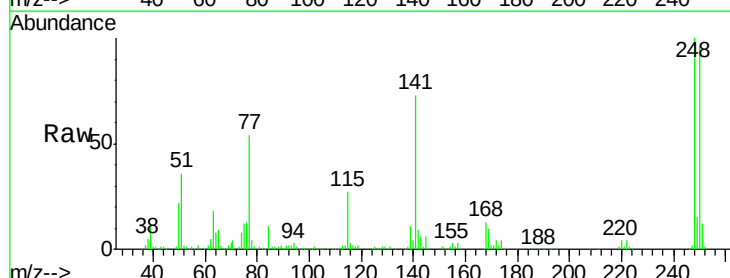
Tgt Ion:248 Resp: 200370

Ion Ratio Lower Upper

248 100

250 95.8 76.9 115.3

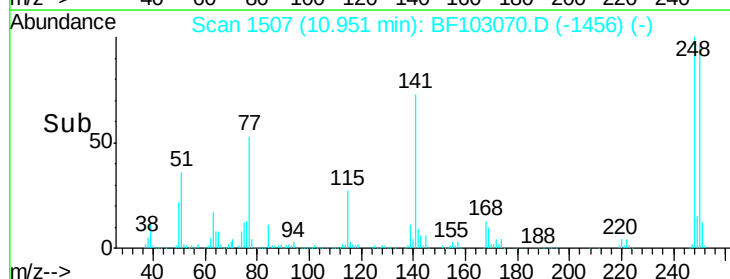
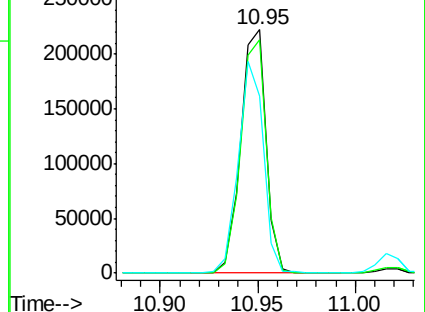
141 72.6 74.4 111.6#

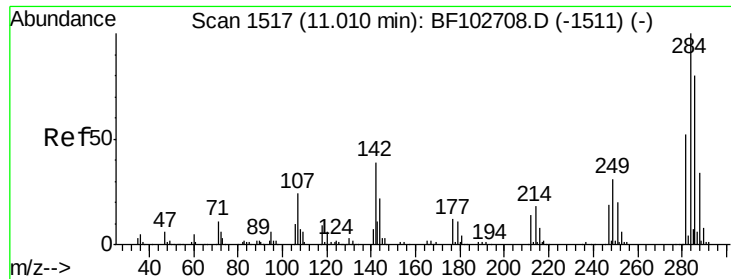


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

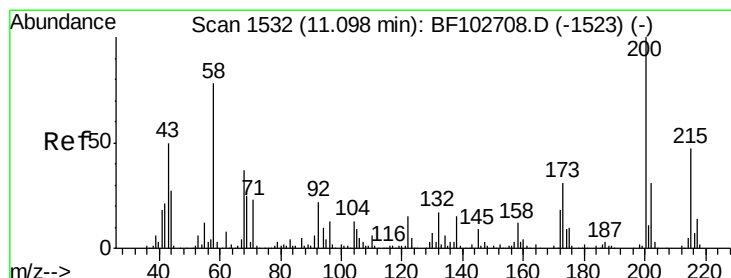
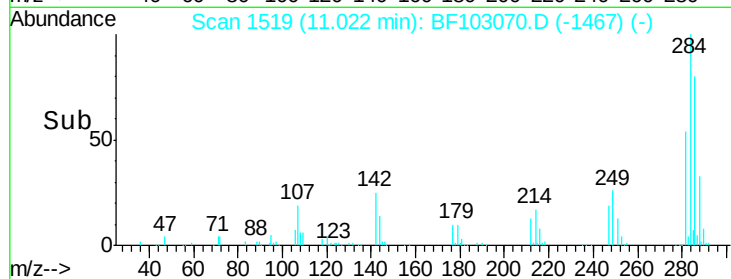
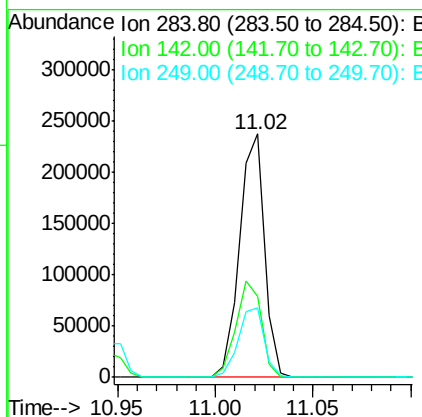
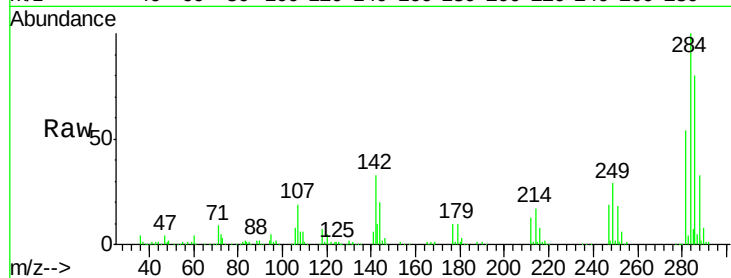




#67
Hexachlorobenzene
Concen: 34.346 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF103070.D
Acq: 19 Feb 2018 9:53

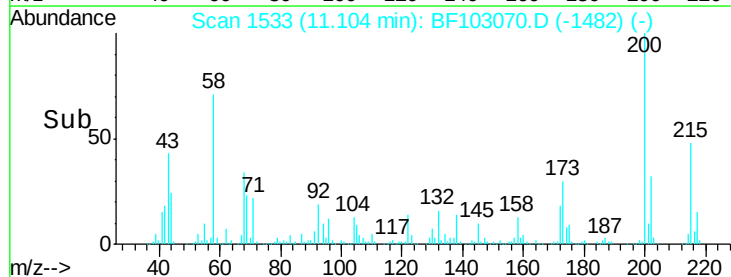
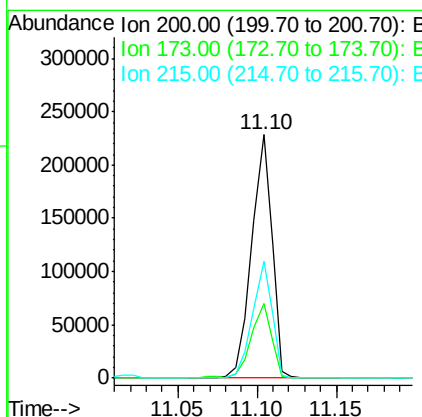
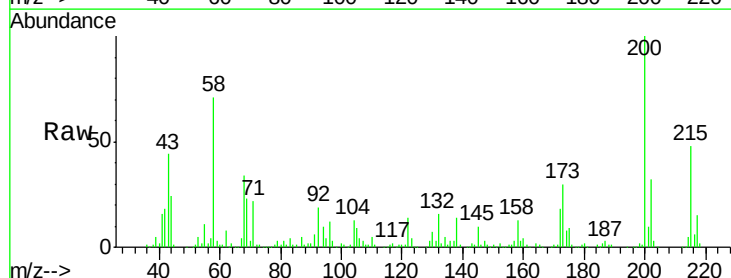
Instrument :
BNA_F
ClientSampleId :

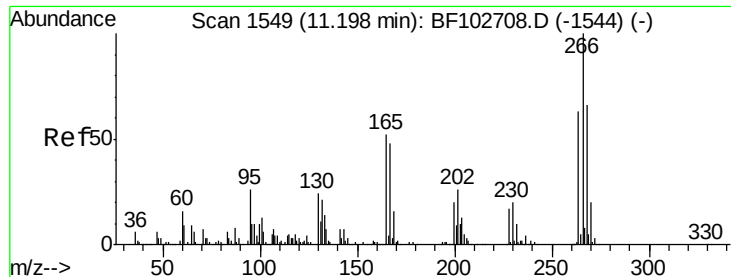
Tot Ion:284 Resp: 210723
Ion Ratio Lower Upper
284 100
142 33.5 34.6 52.0#
249 28.8 24.8 37.2



#68
Atrazine
Concen: 37.279 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF103070.D
Acq: 19 Feb 2018 9:53

Tgt Ion:200 Resp: 203948
Ion Ratio Lower Upper
200 100
173 30.4 8.6 48.6
215 48.2 25.1 65.1

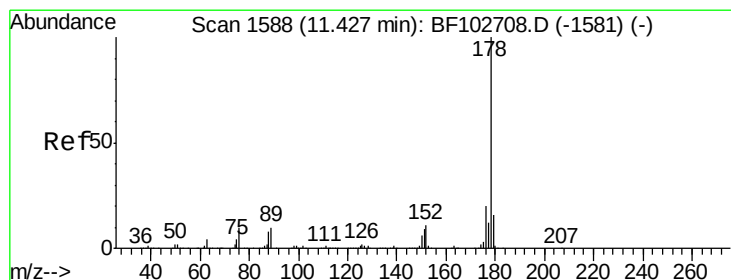
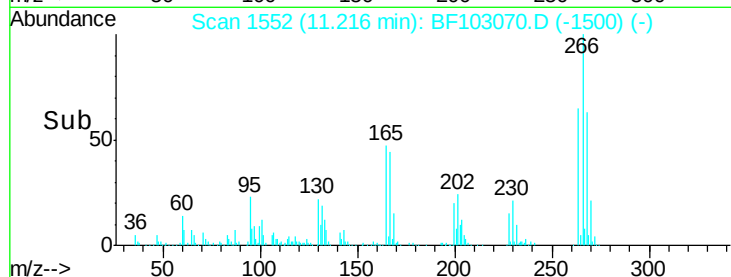
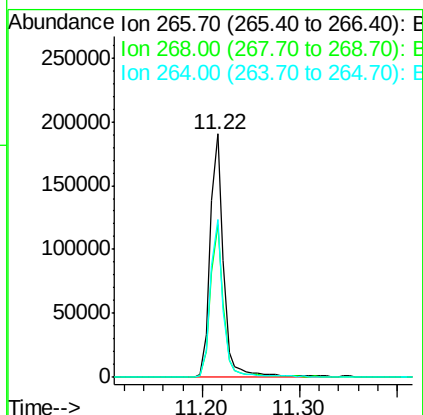
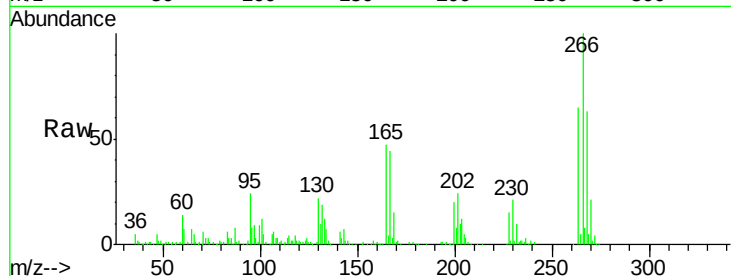




#69
 Pentachlorophenol
 Concen: 51.001 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103070.D
 Acq: 19 Feb 2018 9:53

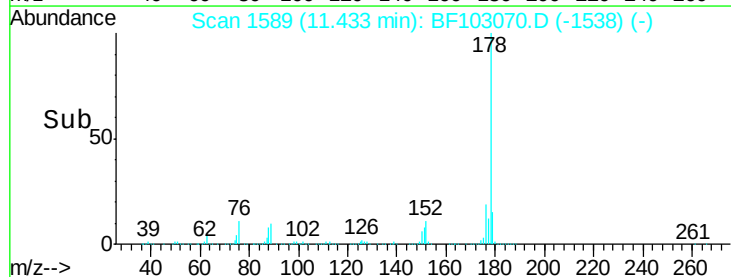
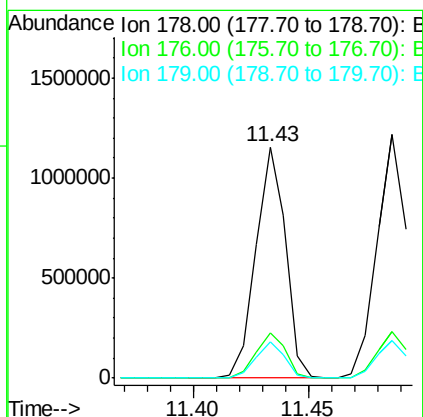
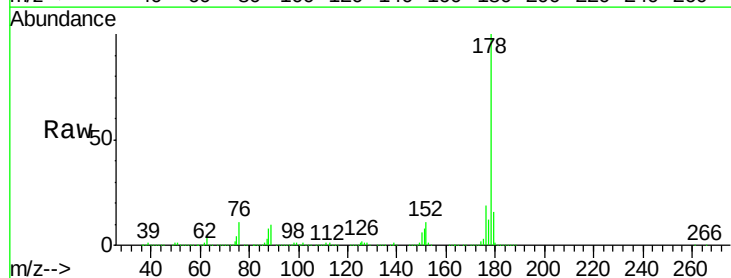
Instrument :
 BNA_F
 ClientSampled :

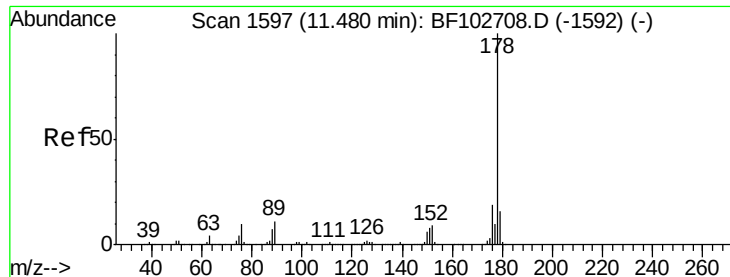
Tot Ion:266 Resp: 183682
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.1 76.7
 264 64.9 49.5 74.3



#70
 Phenanthrene
 Concen: 35.339 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF103070.D
 Acq: 19 Feb 2018 9:53

Tgt Ion:178 Resp: 1034759
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.5 13.0 19.6

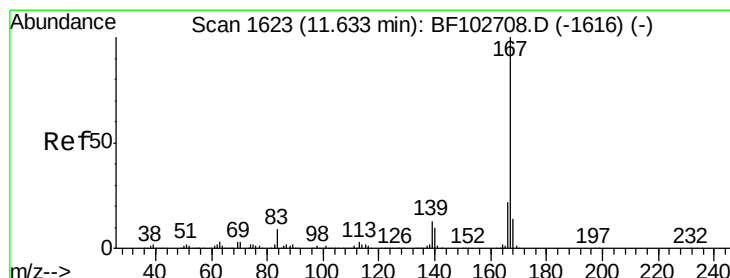
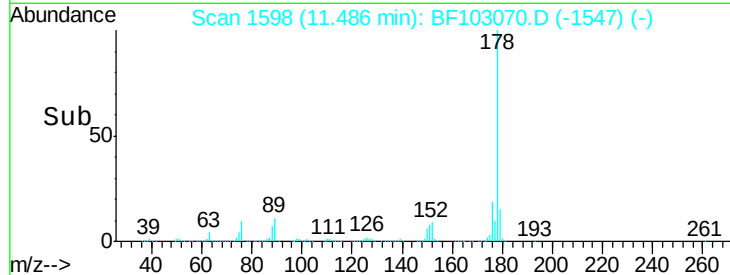
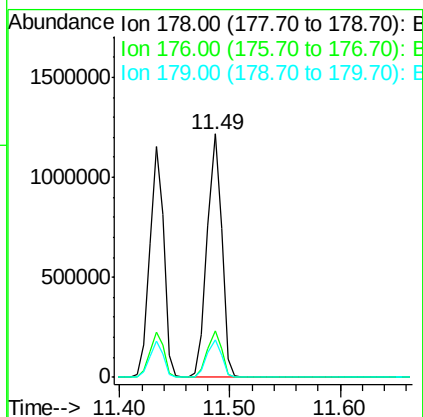
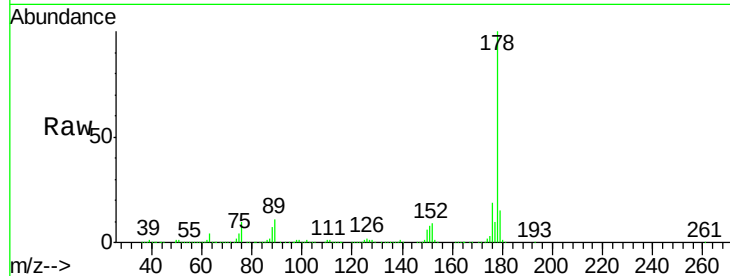




#71
 Anthracene
 Concen: 36.400 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103070.D
 Acq: 19 Feb 2018 9:53

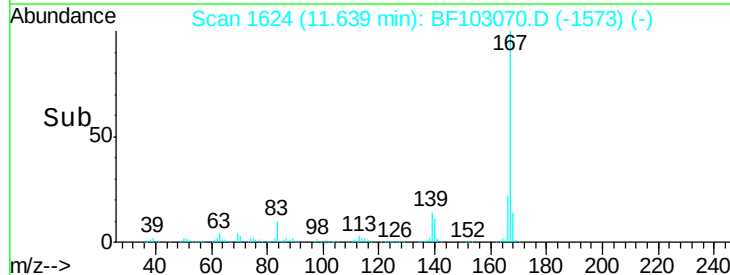
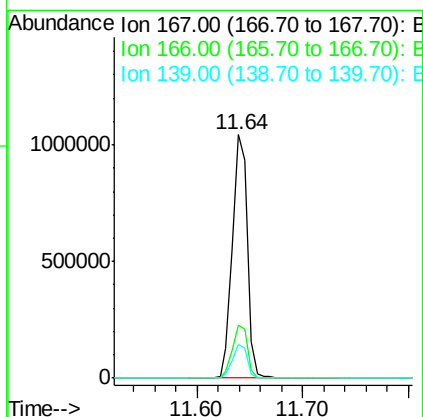
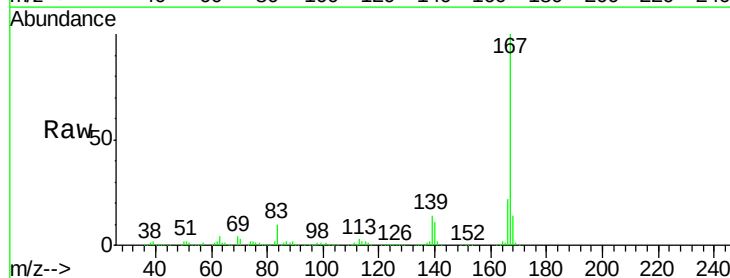
Instrument :
 BNA_F
 ClientSampleId :

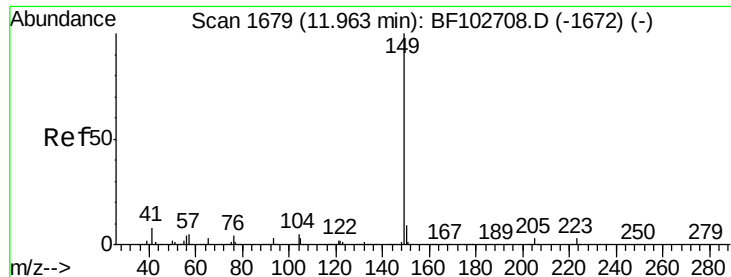
Tot Ion:178 Resp: 1084034
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 34.706 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103070.D
 Acq: 19 Feb 2018 9:53

Tgt Ion:167 Resp: 1012616
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.198 ng

RT: 11.96 min Scan# 1679

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampleId :

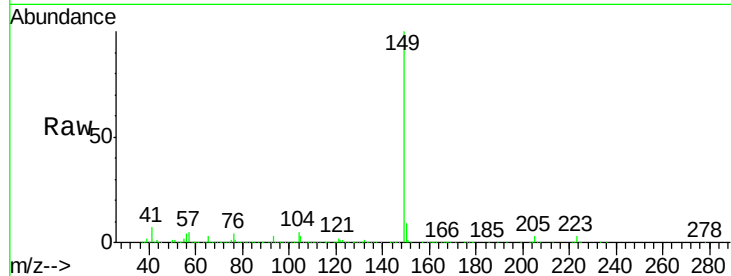
Tot Ion:149 Resp: 1282940

Ion Ratio Lower Upper

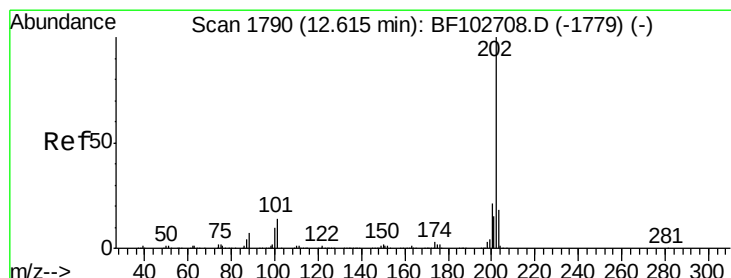
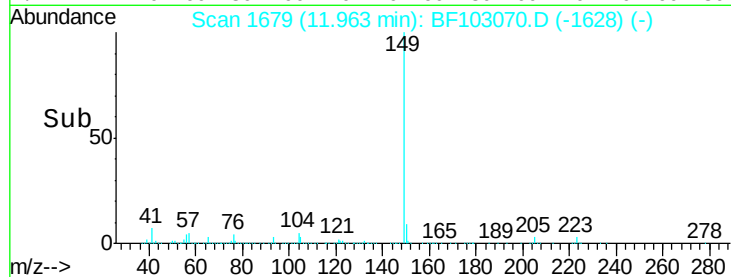
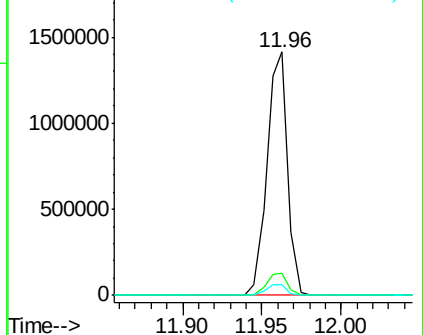
149 100

150 9.4 7.8 11.6

104 4.5 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: 34.363 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

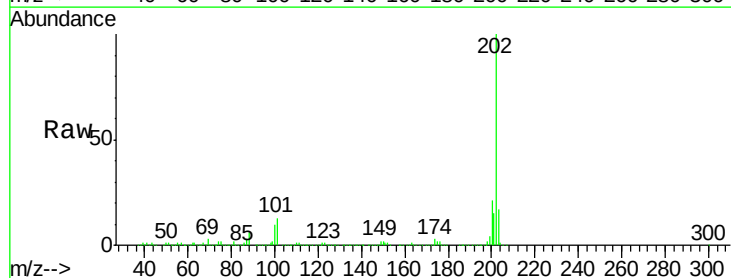
Tgt Ion:202 Resp: 1012350

Ion Ratio Lower Upper

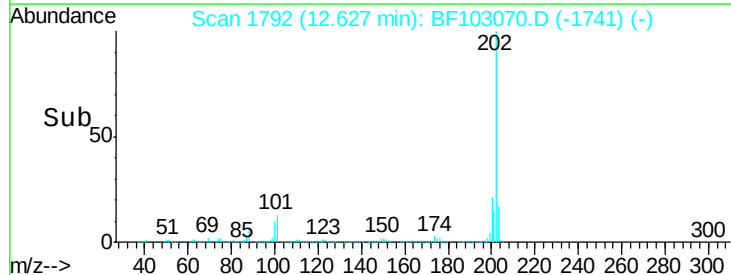
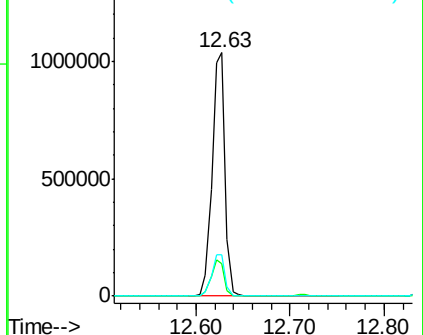
202 100

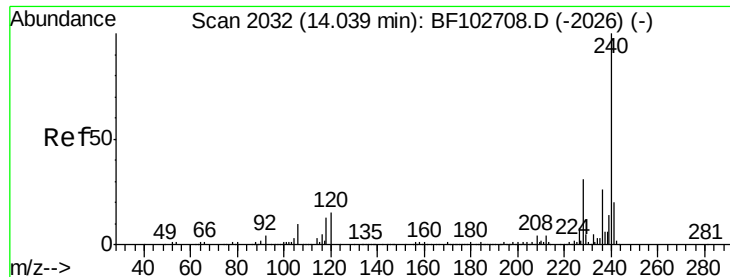
101 13.2 0.0 34.1

203 17.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampleId :

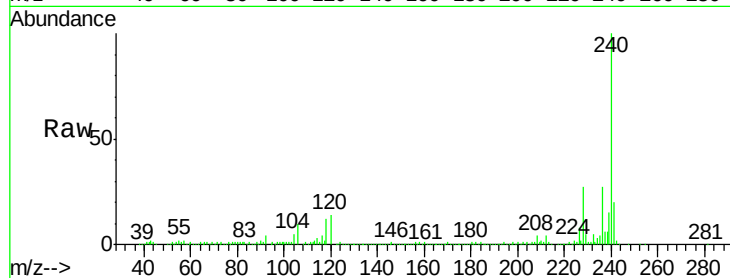
Tot Ion:240 Resp: 350150

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

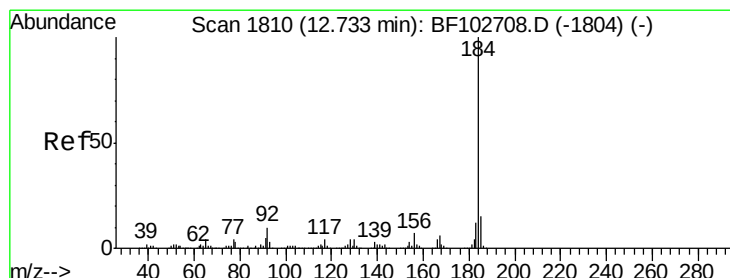
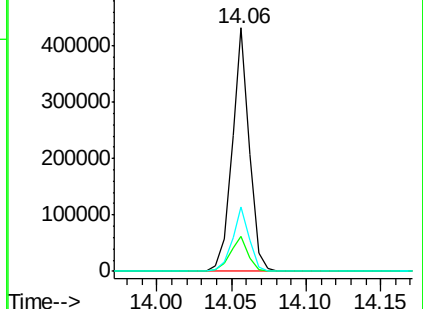
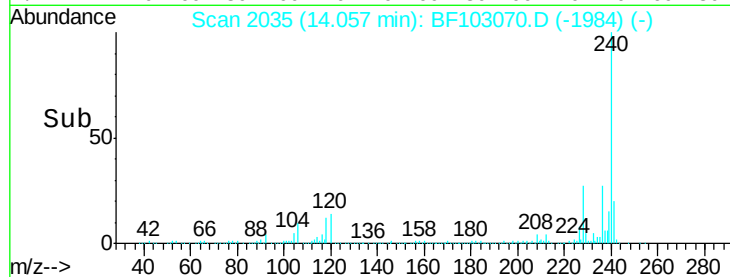
236 26.5 20.7 31.1



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: 21.828 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

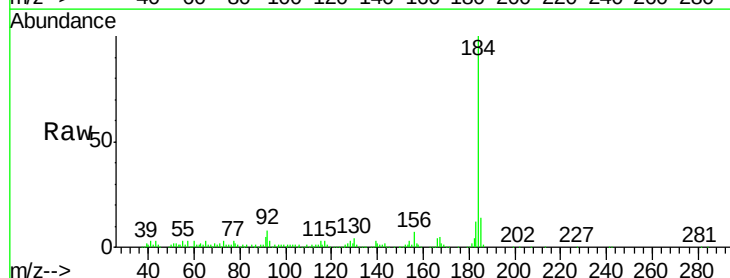
Tgt Ion:184 Resp: 351274

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

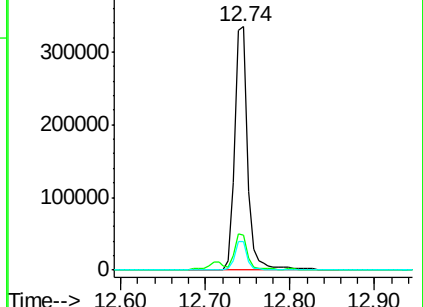
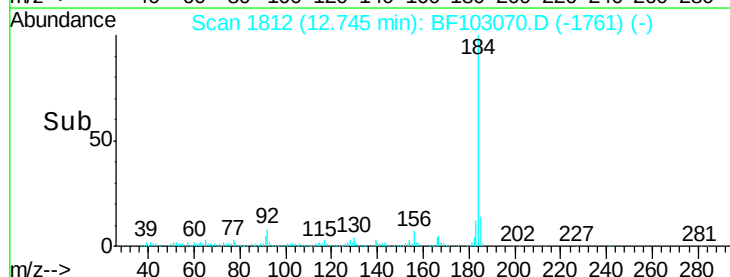
183 11.6 9.3 13.9

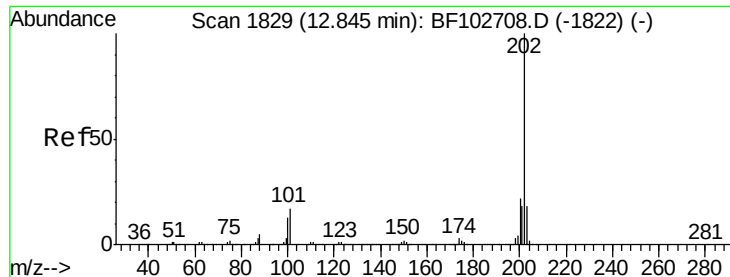


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.574 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampleId :

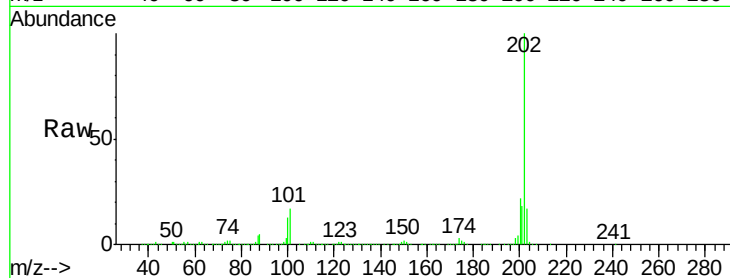
Tot Ion:202 Resp: 1031690

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

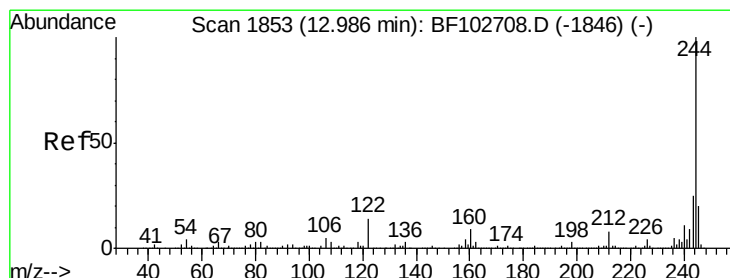
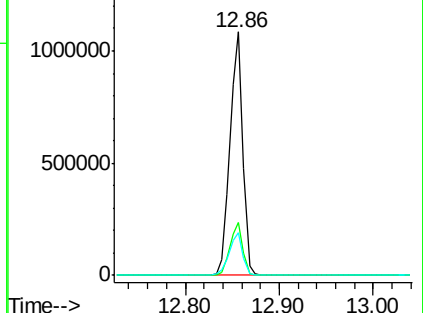
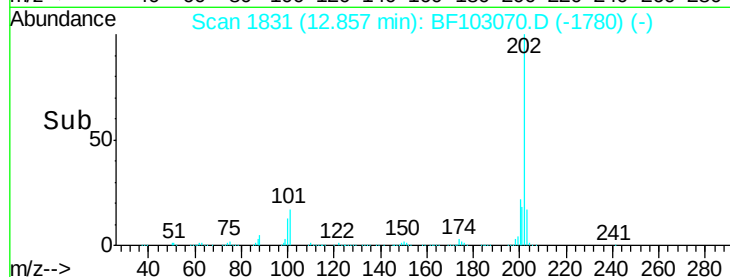
203 17.3 14.3 21.5



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: 84.932 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

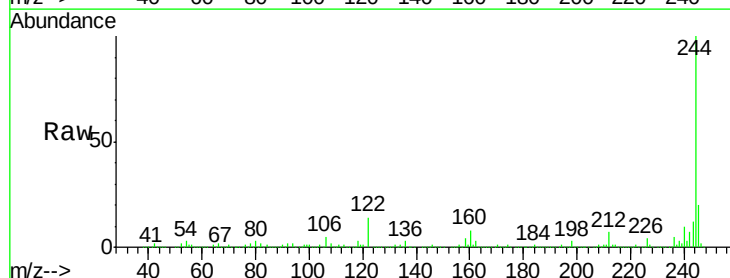
Tgt Ion:244 Resp: 1255985

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

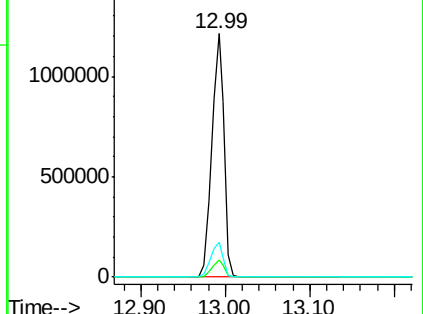
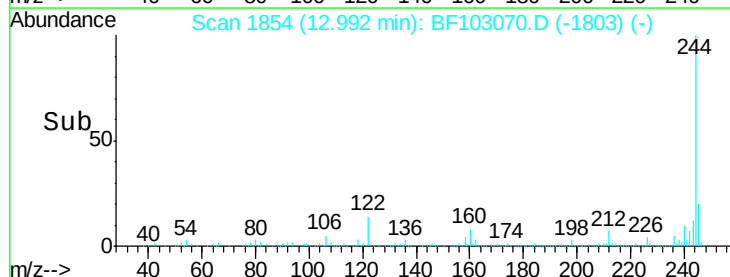
122 14.3 11.0 16.4

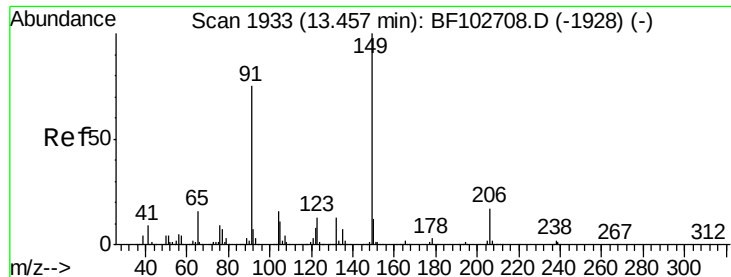


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

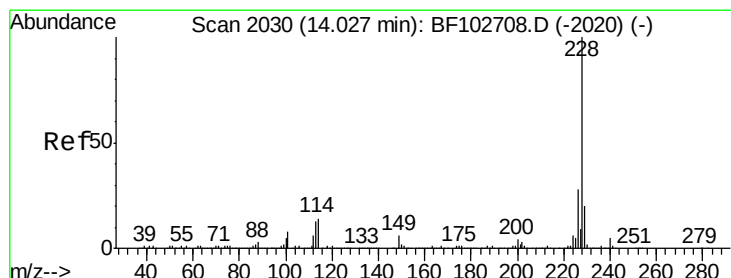
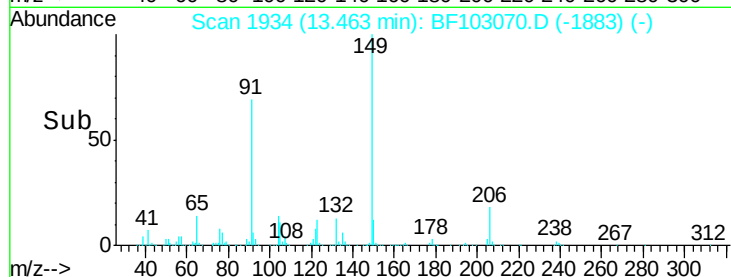
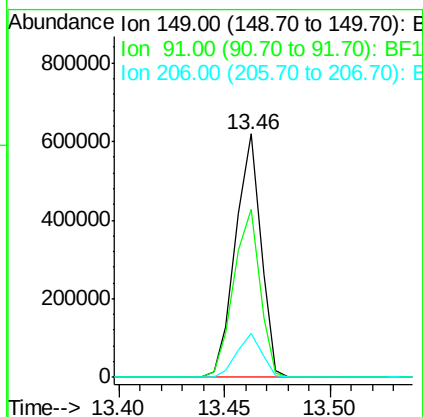
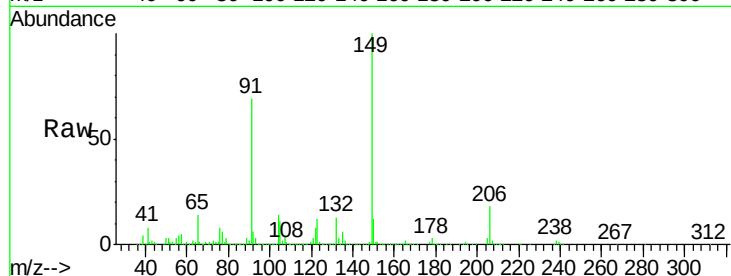




#79
Butylbenzylphthalate
Concen: 39.350 ng
RT: 13.46 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BF103070.D
Acq: 19 Feb 2018 9:53

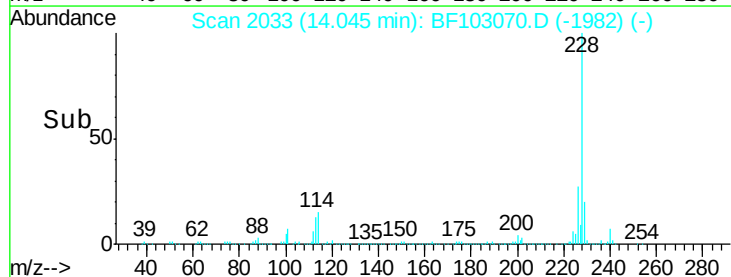
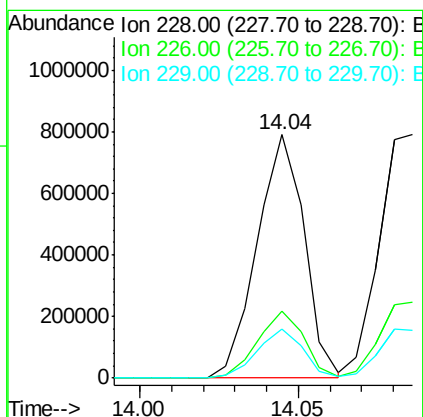
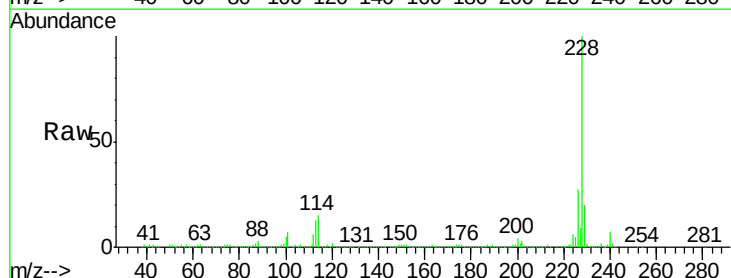
Instrument :
BNA_F
ClientSampleId :

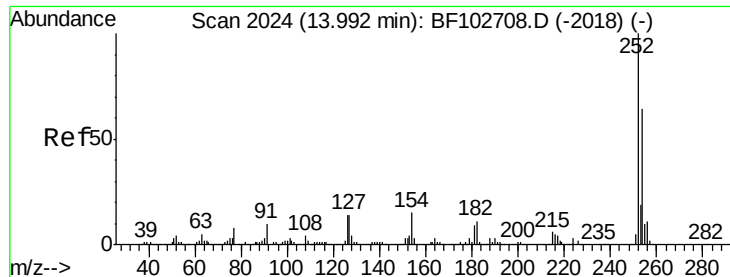
Tot Ion:149 Resp: 514335
Ion Ratio Lower Upper
149 100
91 69.3 56.8 85.2
206 18.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.100 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF103070.D
Acq: 19 Feb 2018 9:53

Tgt Ion:228 Resp: 816990
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 20.3 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 15.927 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampleId :

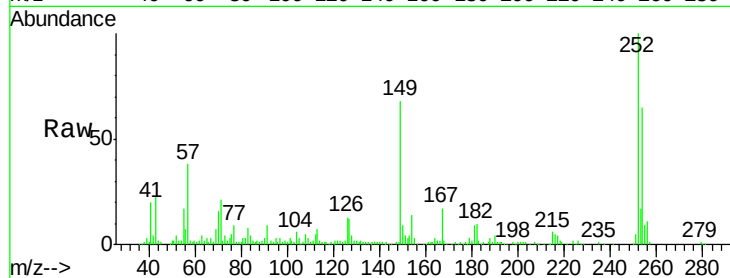
Tot Ion:252 Resp: 130041

Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	12.8	11.3	16.9

252 100

254 64.6 50.4 75.6

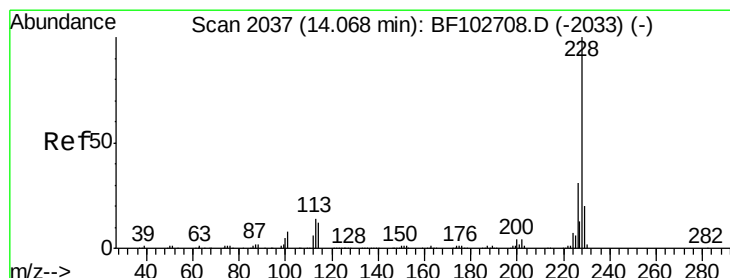
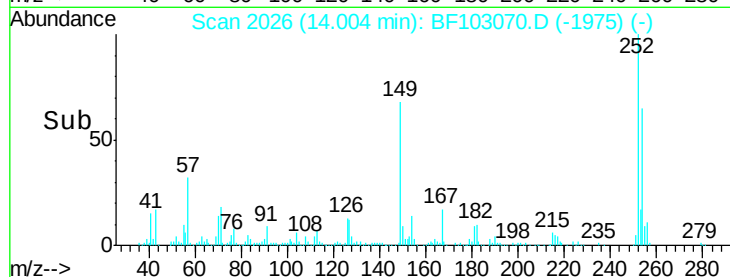
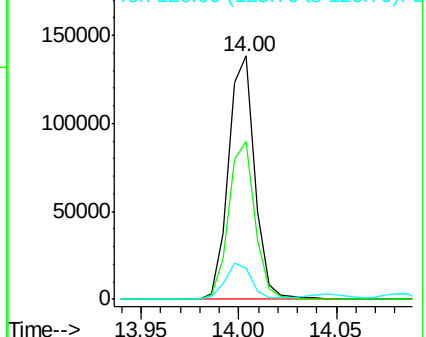
126 12.8 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 34.915 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

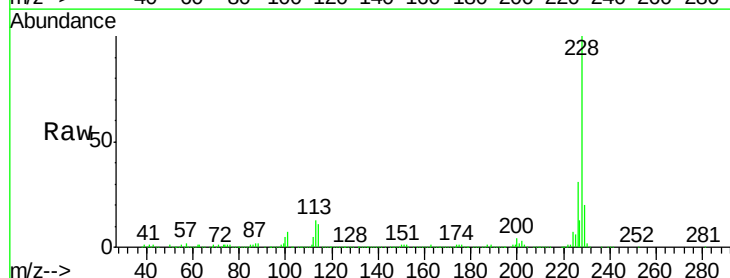
Tgt Ion:228 Resp: 775064

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	19.7	16.2	24.4

228 100

226 31.3 25.0 37.6

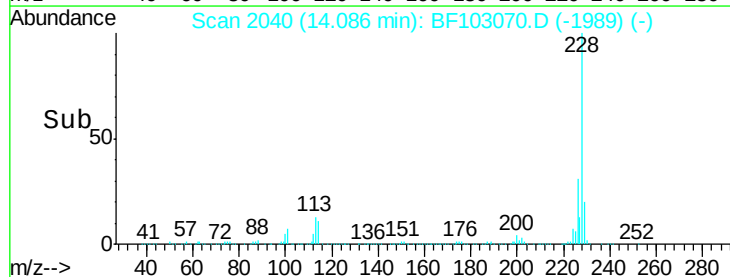
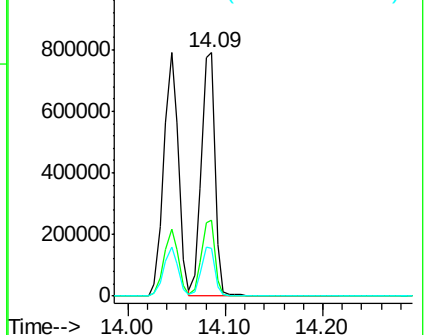
229 19.7 16.2 24.4

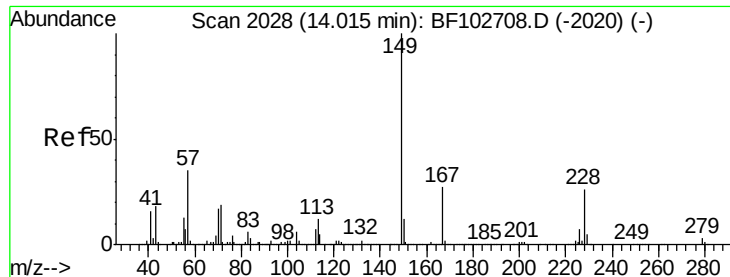


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.619 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampleId :

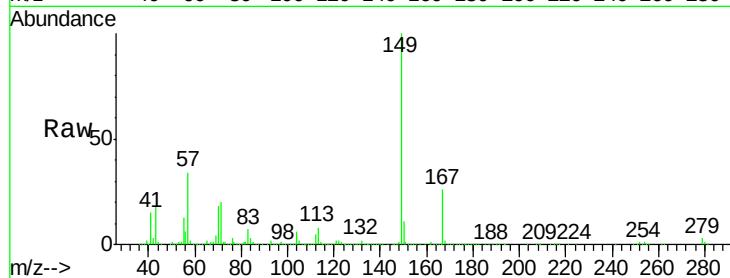
Tot Ion:149 Resp: 700029

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

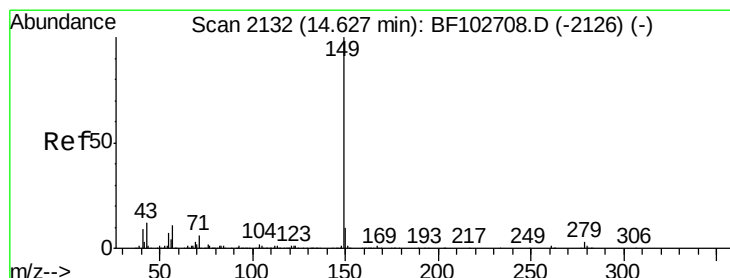
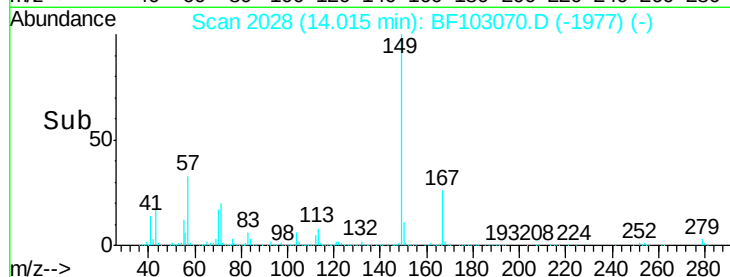
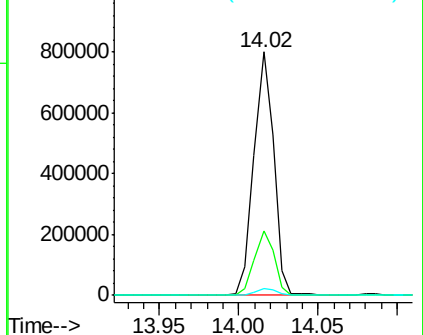
279 3.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.629 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

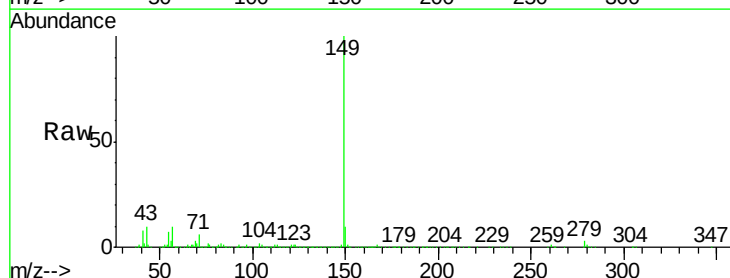
Tgt Ion:149 Resp: 1051355

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

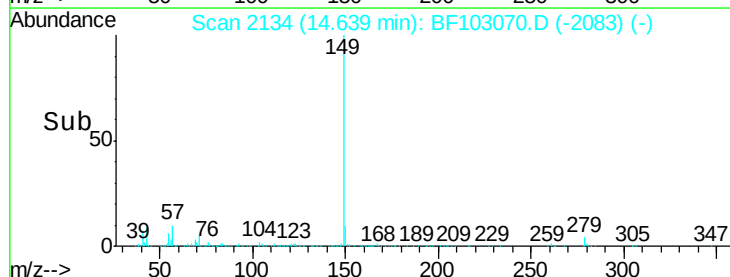
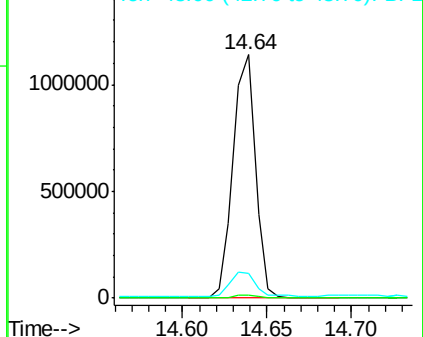
43 11.7 8.4 12.6

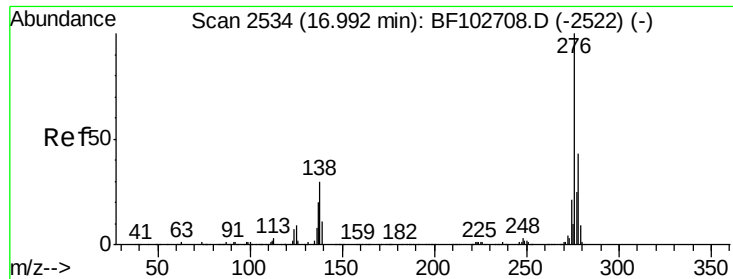


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.830 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampleId :

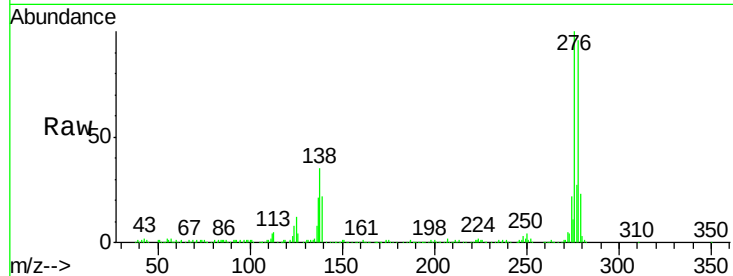
Tot Ion:276 Resp: 696490

Ion Ratio Lower Upper

276 100

138 32.1 25.0 37.6

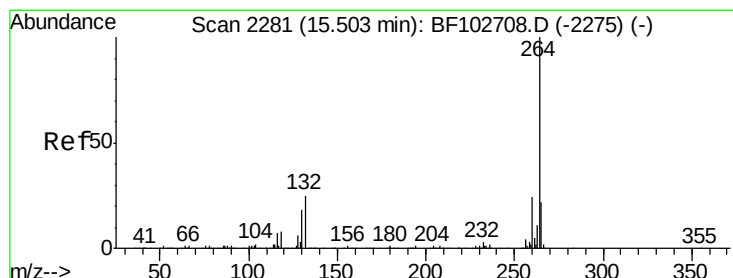
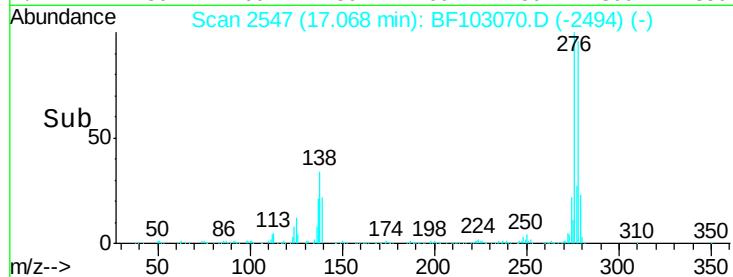
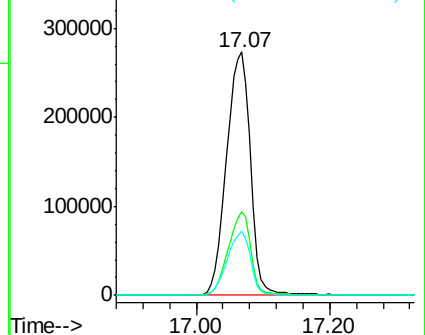
277 25.6 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

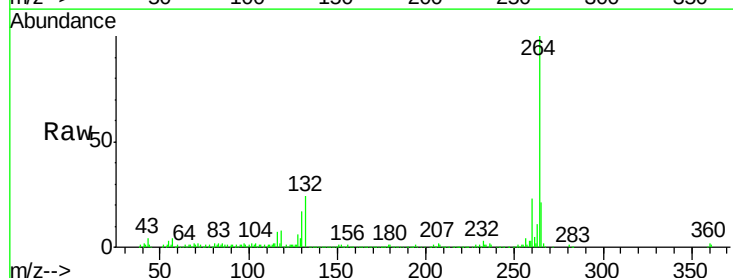
Tgt Ion:264 Resp: 300675

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

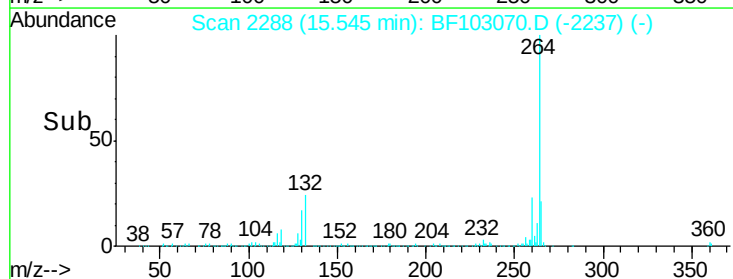
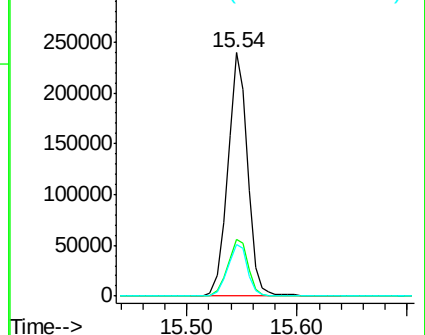
265 21.1 17.5 26.3

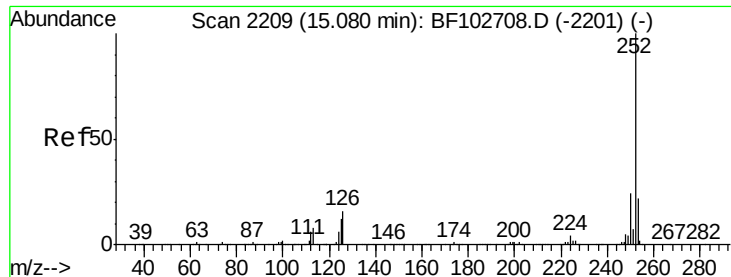


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 34.623 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampleId :

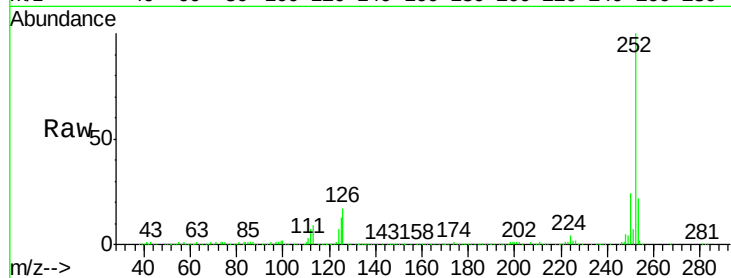
Tot Ion:252 Resp: 674932

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

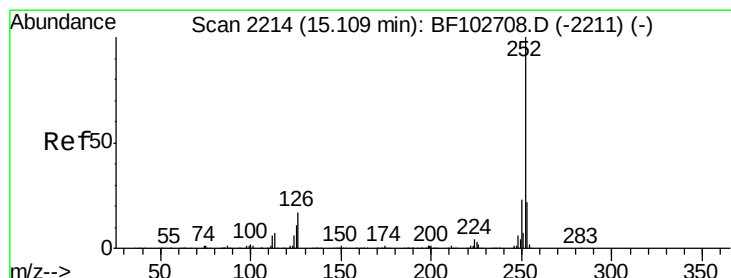
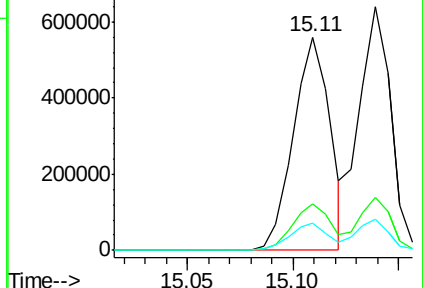
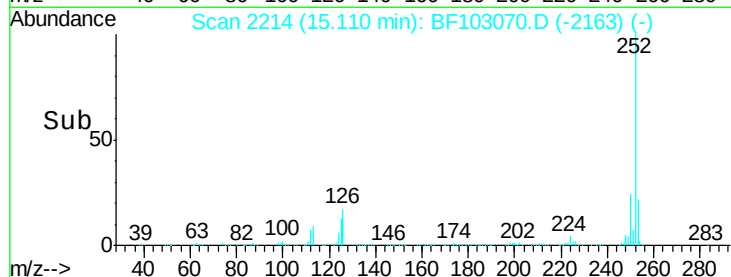
125 13.0 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.445 ng

RT: 15.14 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

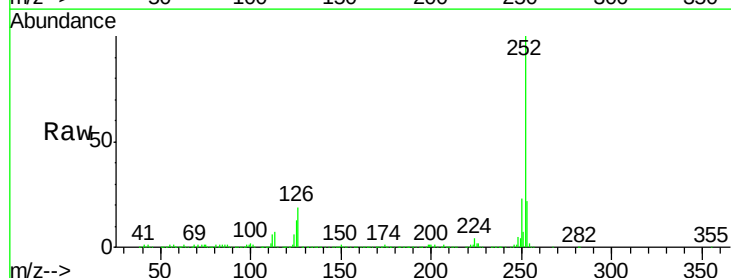
Tgt Ion:252 Resp: 678835

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

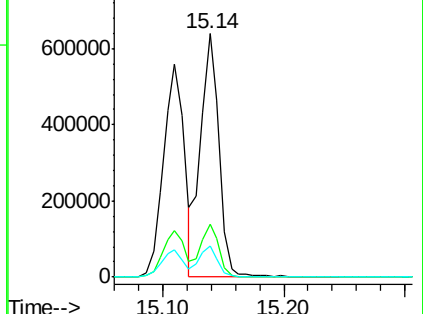
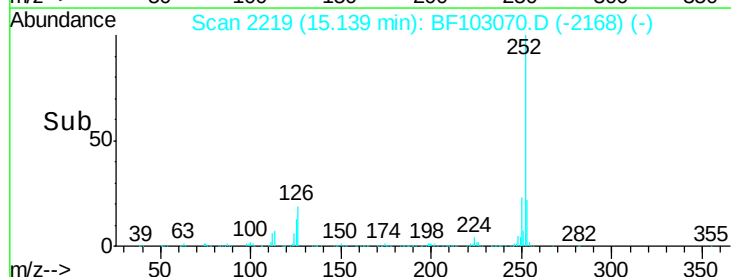
125 12.8 10.2 15.2

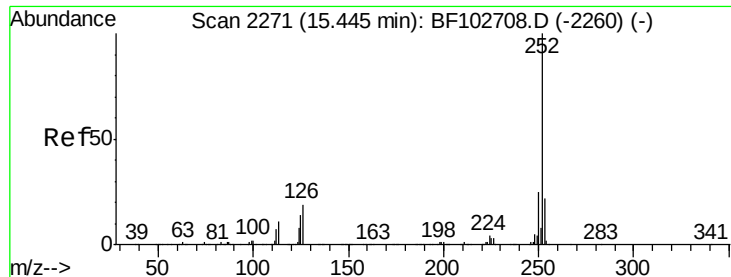


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.921 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampleId :

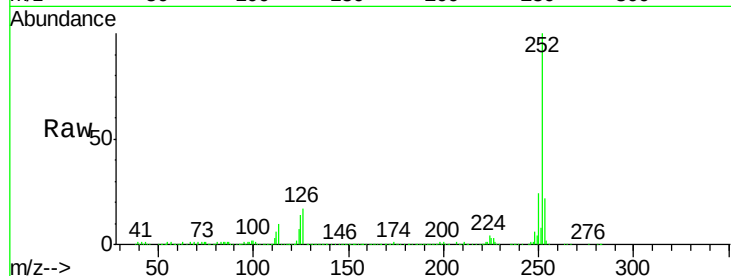
Tot Ion:252 Resp: 647854

Ion Ratio Lower Upper

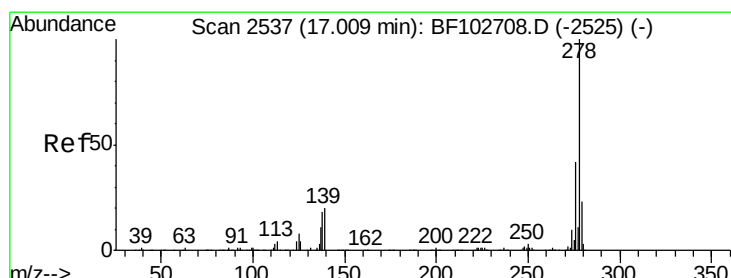
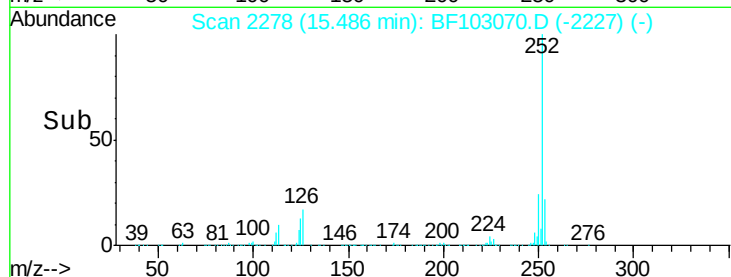
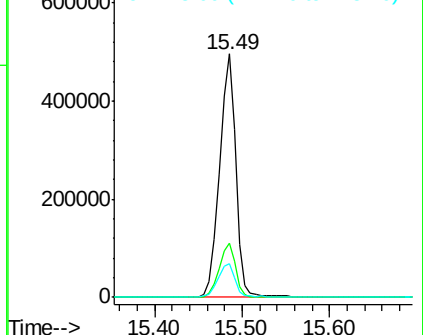
252 100

253 22.3 17.1 25.7

125 13.7 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: 40.914 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.00 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

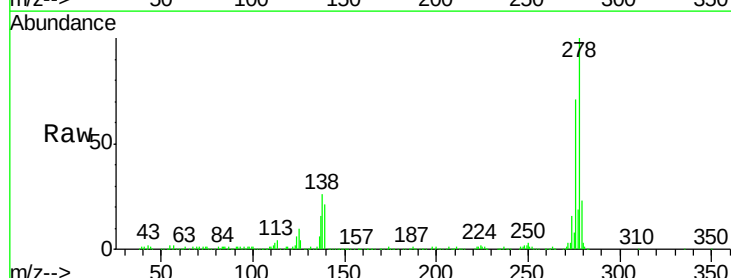
Tgt Ion:278 Resp: 582702

Ion Ratio Lower Upper

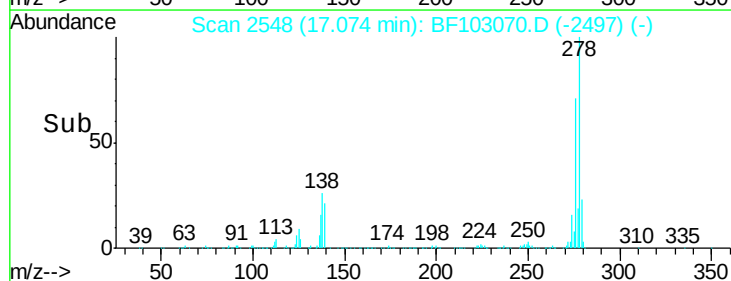
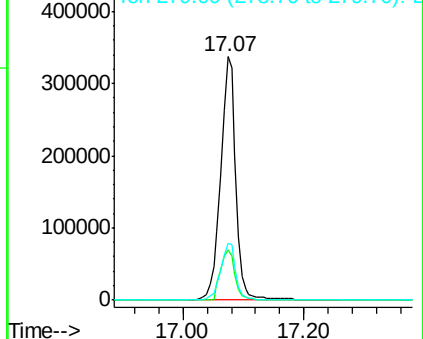
278 100

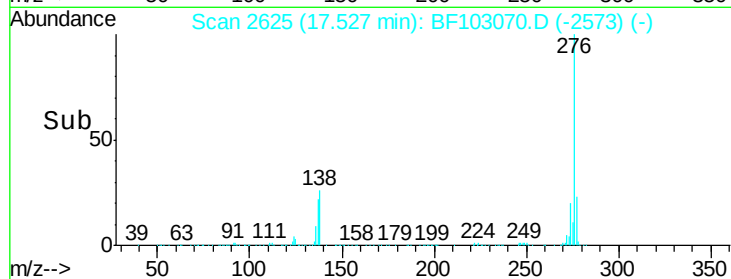
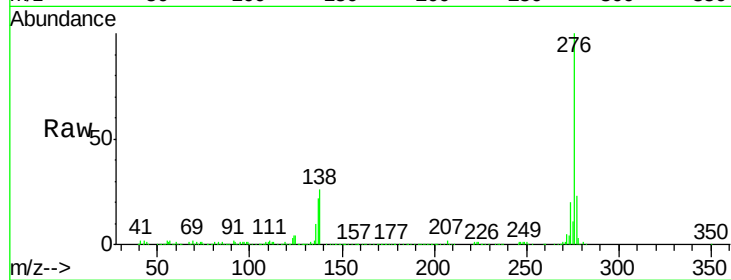
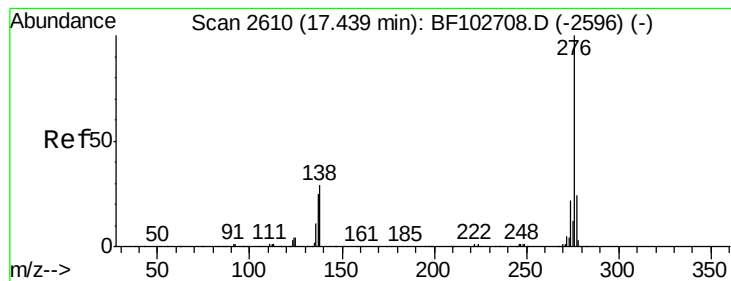
139 20.8 15.9 23.9

279 23.3 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: 44.185 ng

RT: 17.53 min Scan# 2625

Delta R.T. 0.01 min

Lab File: BF103070.D

Acq: 19 Feb 2018 9:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 615950

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 25.7 21.8 32.8

