

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
 Data File : BF103675.D
 Acq On : 15 Mar 2018 18:28
 Operator : JU/SJ
 Sample : J1888-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 16 04:27:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	161173	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	667315	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	318503	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	566021	20.00	ng	0.00
75) Chrysene-d12	14.16	240	421744	20.00	ng	0.00
86) Perylene-d12	15.69	264	384104	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1238331	116.86	ng	0.00
7) Phenol-d6	6.59	99	1551183	119.65	ng	0.00
23) Nitrobenzene-d5	7.53	82	921485	96.30	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	367027	134.02	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1629808	81.63	ng	0.00
78) Terphenyl-d14	13.09	244	1688348	92.92	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.74	93	1839	0.099	ng	# 1
8) 2-Chlorophenol	6.75	128	451	0.041	ng	# 1
9) Benzaldehyde	6.59	77	2389	0.280	ng	# 1
10) Phenol	6.59	94	487	0.035	ng	# 1
11) bis(2-Chloroethyl)ether	6.74	93	1839	0.162	ng	# 1
12) 1,3-Dichlorobenzene	6.99	146	715372	56.583	ng	99
13) 1,4-Dichlorobenzene	6.99	146	715372	56.309	ng	99
14) 1,2-Dichlorobenzene	7.14	146	805274	68.308	ng	99
15) Benzyl Alcohol	7.12	79	16362	1.629	ng	# 41
16) 2,2'-oxybis(1-Chloropropan	6.96	45	118	0.007	ng	# 1
17) 2-Methylphenol	7.14	107	5812	0.588	ng	# 81
18) Hexachloroethane	7.48	117	287097	64.245	ng	95
19) n-Nitroso-di-n-propylamine	7.53	70	124759	15.016	ng	# 74
20) 3+4-Methylphenols	7.14	107	5812	0.463	ng	# 81
24) Nitrobenzene	7.53	77	3078	0.274	ng	# 31
25) Isophorone	7.53	82	921485	41.598	ng	# 64
28) bis(2-Chloroethoxy)methane	7.99	93	112	0.008	ng	# 1
31) Naphthalene	8.27	128	2333647	69.229	ng	99
32) Benzoic acid	8.27	122	5679	10.578	ng	# 1
33) 4-Chloroaniline	8.27	127	320511	22.664	ng	# 34
37) 2-Methylnaphthalene	8.97	142	1865790	87.280	ng	97
45) 1,1'-Biphenyl	9.42	154	4978	0.187	ng	99
47) 2-Nitroaniline	9.73	65	15380	9.206	ng	# 1
48) Acenaphthylene	9.88	152	3669863	112.192	ng	98
49) Dimethylphthalate	9.73	163	1541190	63.423	ng	99
50) 2,6-Dinitrotoluene	9.80	165	569832	115.144	ng	96
51) Acenaphthene	10.05	154	1482893	76.348	ng	99
52) 3-Nitroaniline	10.05	138	1793	4.107	ng	# 2
54) Dibenzofuran	10.22	168	1641565	59.177	ng	97
55) 4-Nitrophenol	10.22	139	647332	141.434	ng	# 10
56) 2,4-Dinitrotoluene	10.19	165	457725	73.124	ng	94
57) Fluorene	10.56	166	766747	35.621	ng	100
59) Diethylphthalate	10.43	149	1961258	81.318	ng	97
60) 4-Chlorophenyl-phenylether	10.55	204	701189	71.278	ng	98

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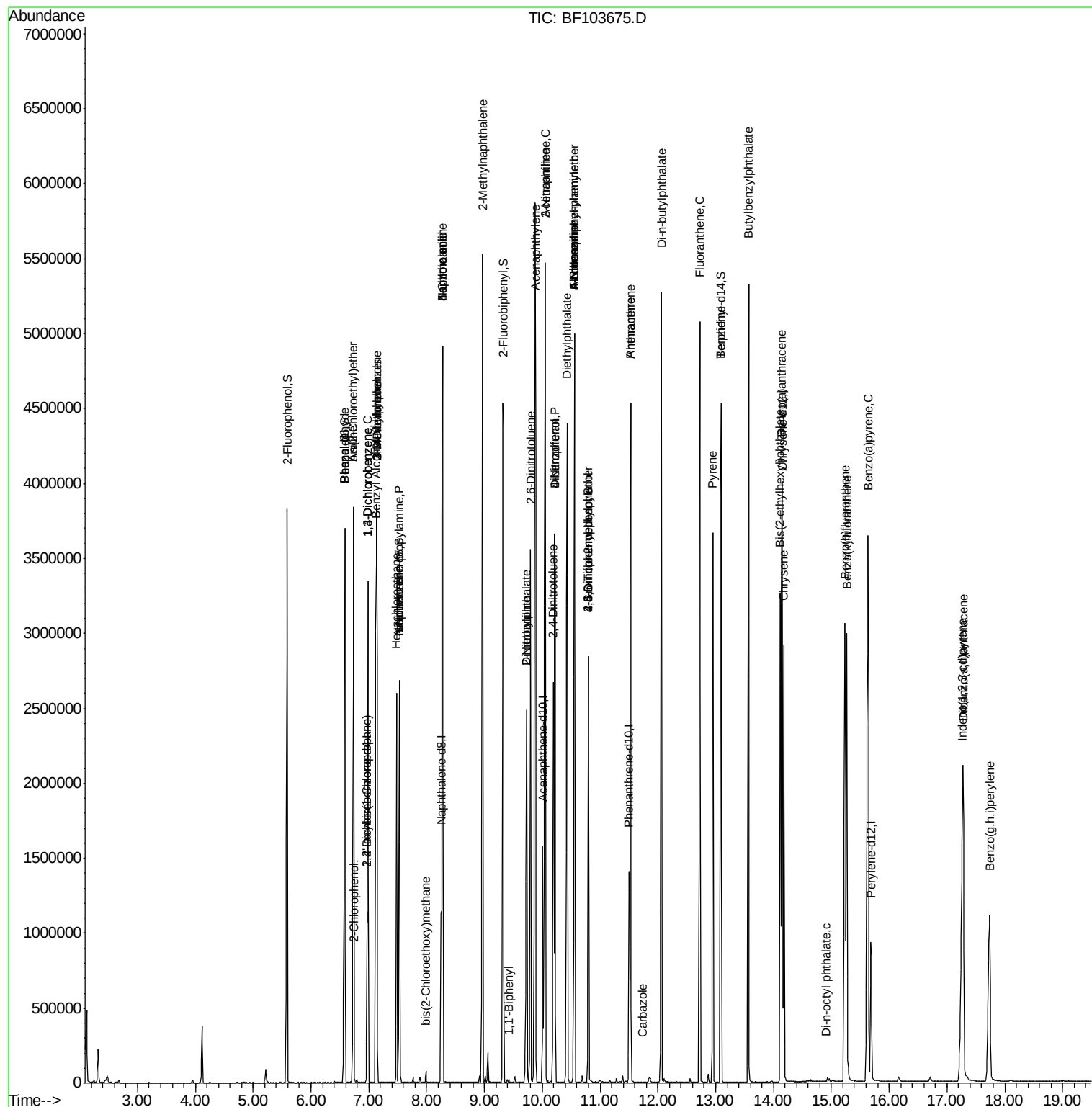
61) 4-Nitroaniline	10.56	138	12128	5.811	nq	# 25
62) Azobenzene	10.55	77	340245	13.876	nq	# 49
64) 4,6-Dinitro-2-methylphenol	10.80	198	832	8.557	nq	# 1
65) n-Nitrosodiphenylamine	10.55	169	85084	4.416	nq	# 94
66) 4-Bromophenyl-phenylether	10.80	248	22436	3.861	nq	# 1
70) Phenanthrene	11.53	178	1979288	63.925	nq	99
71) Anthracene	11.53	178	1979288	62.939	nq	98
72) Carbazole	11.72	167	455	0.015	nq	# 59
73) Di-n-butylphthalate	12.06	149	3485824	95.046	nq	# 98
74) Fluoranthene	12.73	202	2579992	80.881	nq	99
76) Benzydine	13.09	184	23102	1.284	nq	# 94
77) Pyrene	12.96	202	1698660	54.844	nq	99
79) Butylbenzylphthalate	13.57	149	1480071	107.857	nq	95
80) Benzo(a)anthracene	14.14	228	1795480	67.256	nq	99
82) Chrysene	14.18	228	960286	37.735	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	883659	45.076	nq	# 99
84) Di-n-octyl phthalate	14.90	149	568	0.020	nq	# 71
85) Indeno(1,2,3-cd)pyrene	17.27	276	1569860	70.638	nq	96
87) Benzo(b)fluoranthene	15.24	252	1935977	79.779	nq	97
88) Benzo(k)fluoranthene	15.27	252	1400194	60.025	nq	99
89) Benzo(a)pyrene	15.64	252	2584413	117.419	nq	97
90) Dibenzo(a,h)anthracene	17.28	278	946478	49.662	nq	100
91) Benzo(g,h,i)perylene	17.74	276	1096174	59.122	nq	97

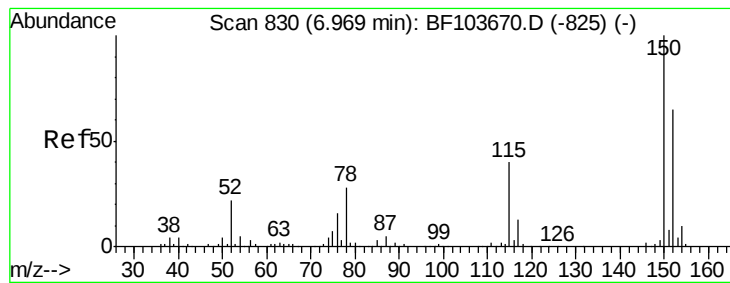
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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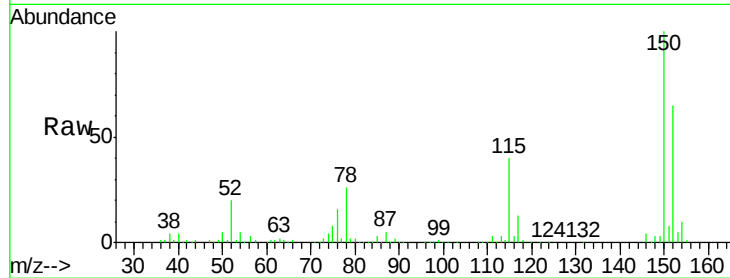


#1

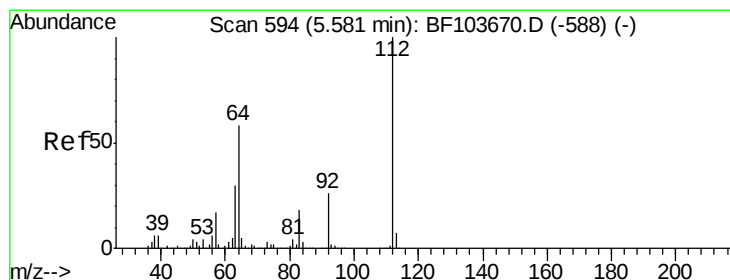
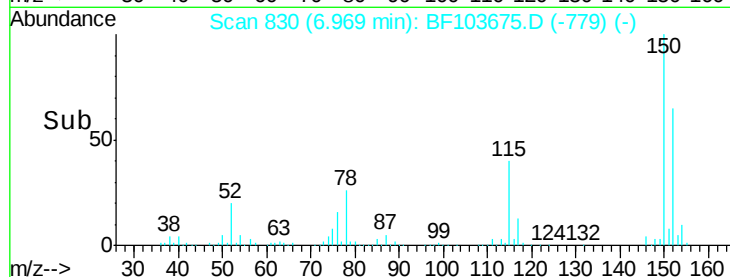
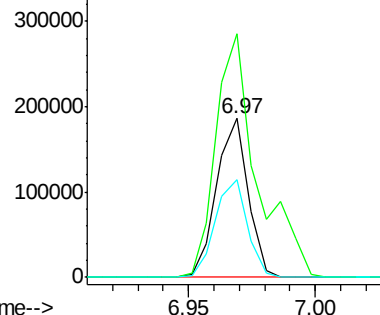
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 161173
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 61.7 50.1 75.1



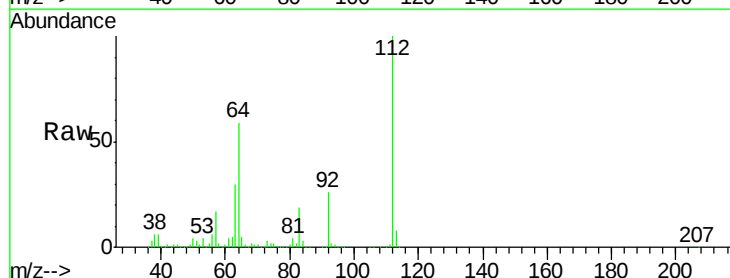
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



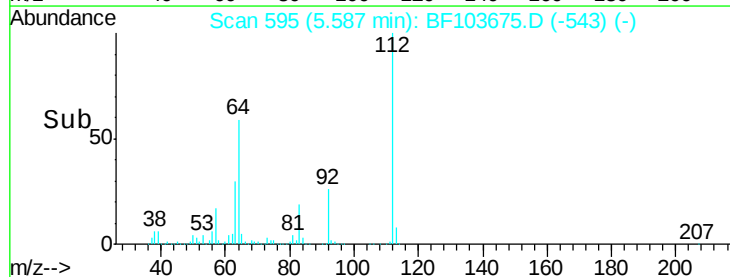
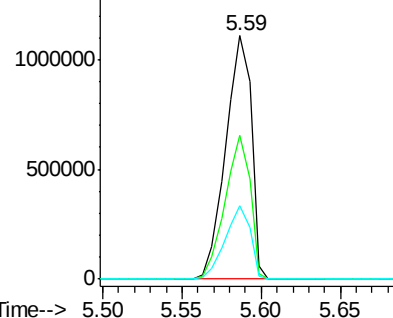
#5

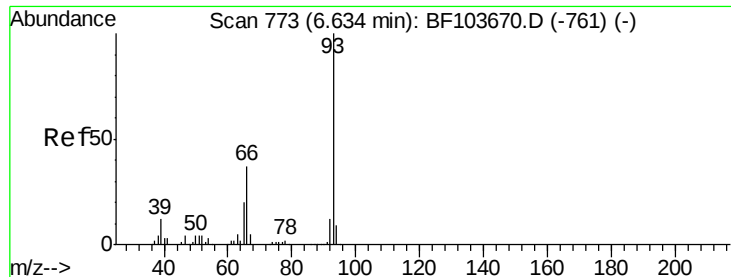
2-Fluorophenol
Concen: 116.862 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion:112 Resp: 1238331
Ion Ratio Lower Upper
112 100
64 59.0 47.9 71.9
63 30.0 23.7 35.5



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





#6

Aniline

Concen: 0.099 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.11 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

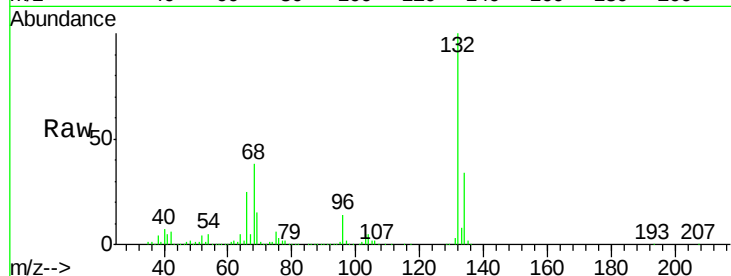
Tot Ion: 93 Resp: 1839

Ion Ratio Lower Upper

93 100

66 15820.1 32.2 48.2#

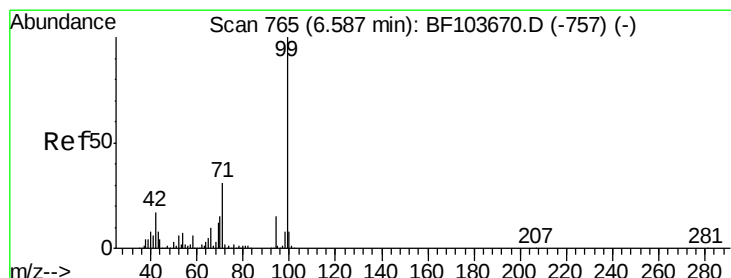
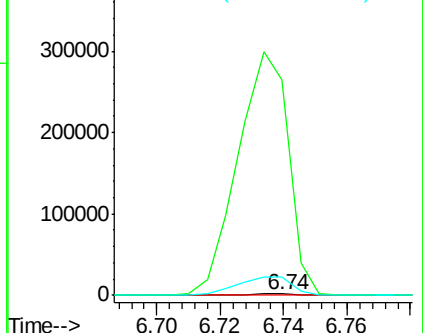
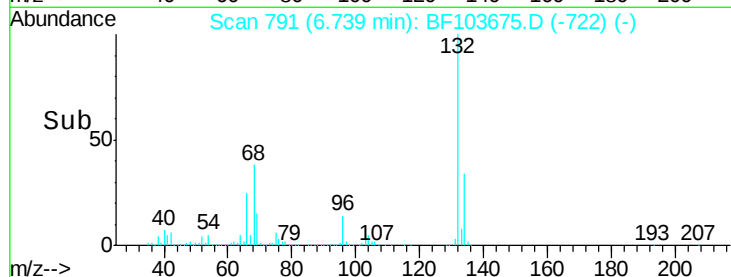
65 1320.1 16.4 24.6#



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: 119.652 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

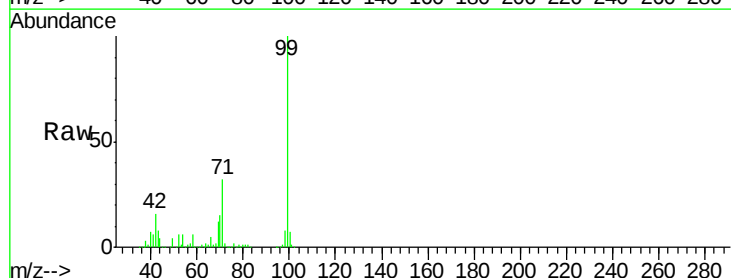
Tgt Ion: 99 Resp: 1551183

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

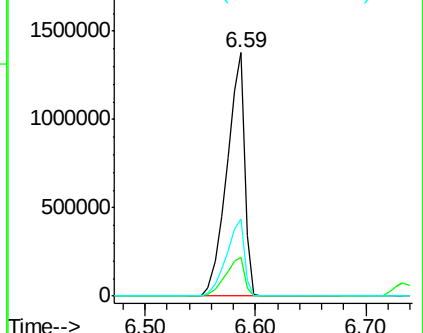
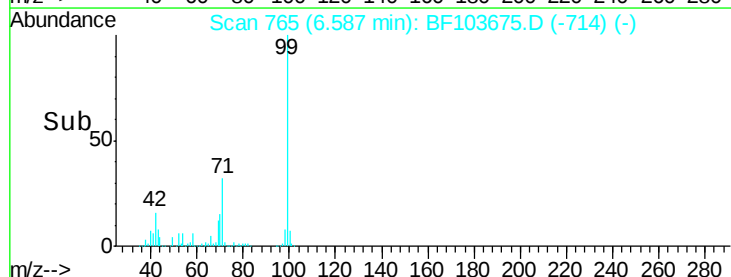
71 31.7 25.4 38.0

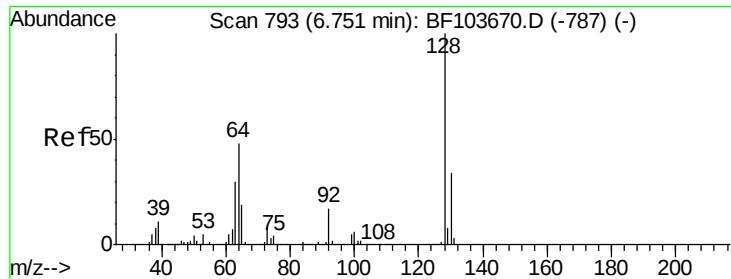


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 0.041 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

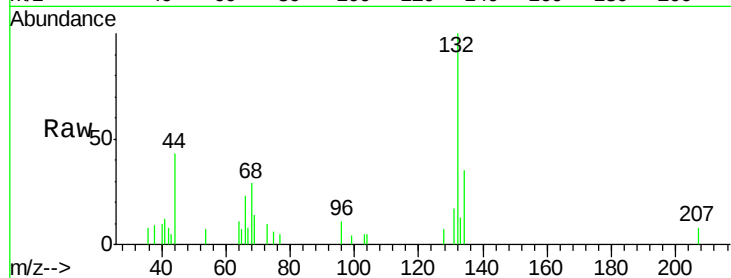
Tot Ion:128 Resp: 451

Ion Ratio Lower Upper

128 100

130 0.0 13.0 53.0#

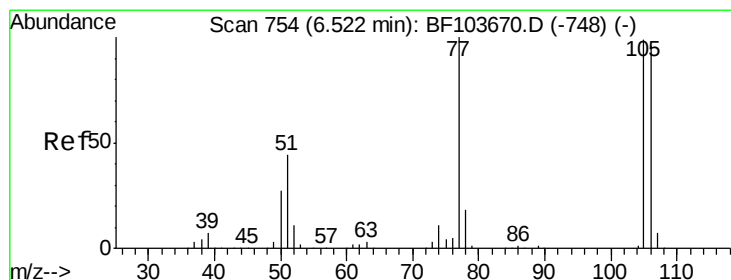
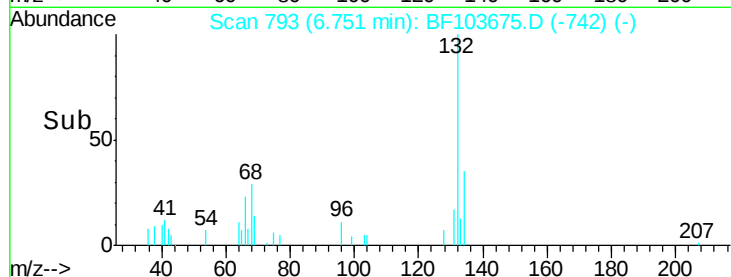
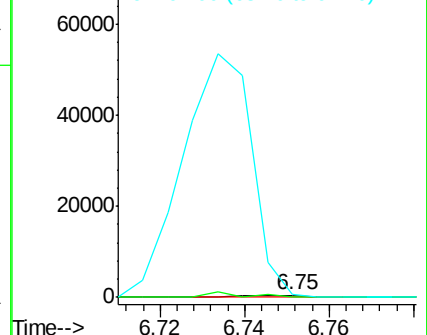
64 142.8 29.4 69.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 0.280 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.06 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

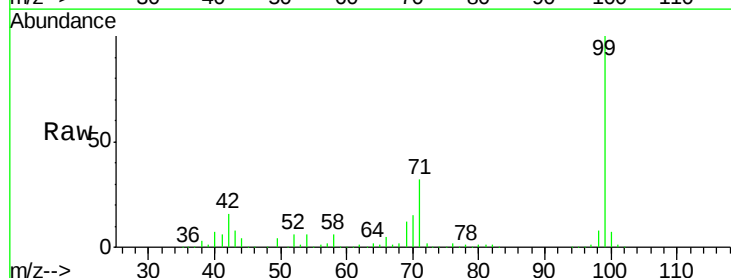
Tgt Ion: 77 Resp: 2389

Ion Ratio Lower Upper

77 100

105 0.0 81.1 121.1#

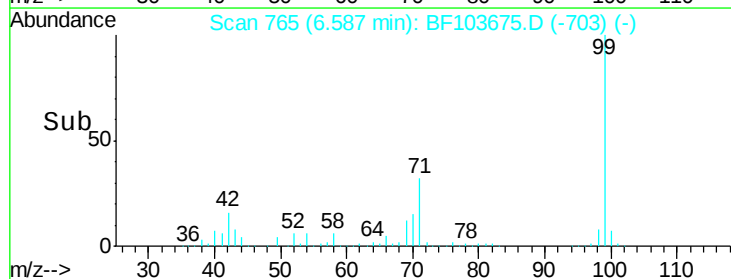
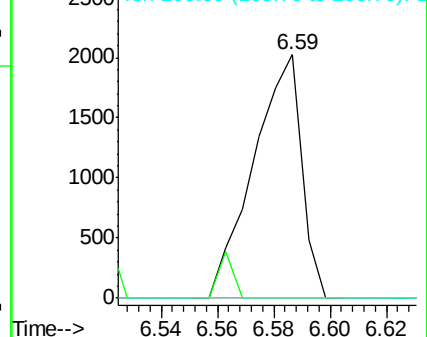
106 0.0 74.5 114.5#

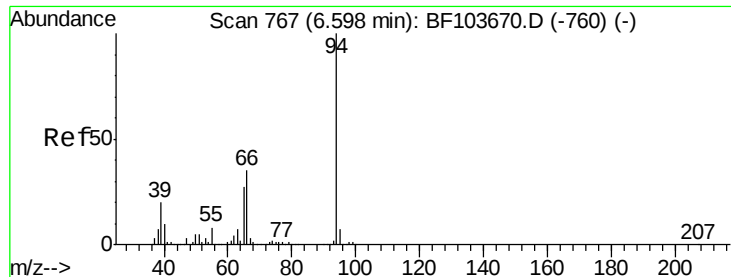


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

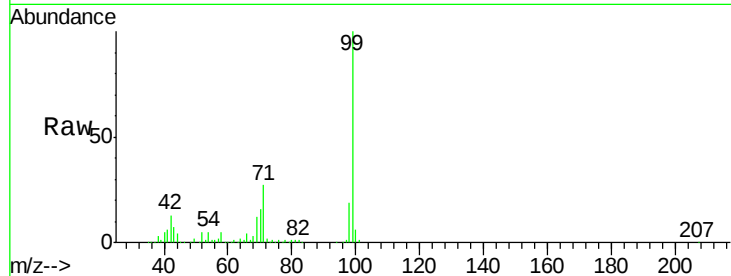




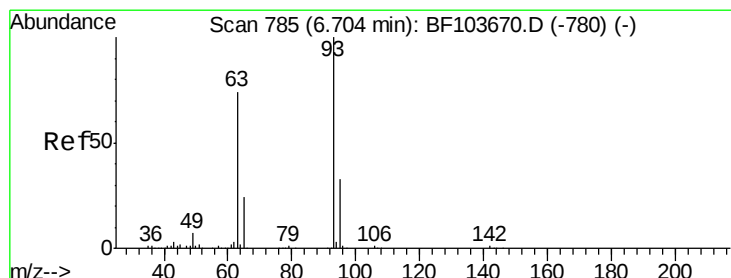
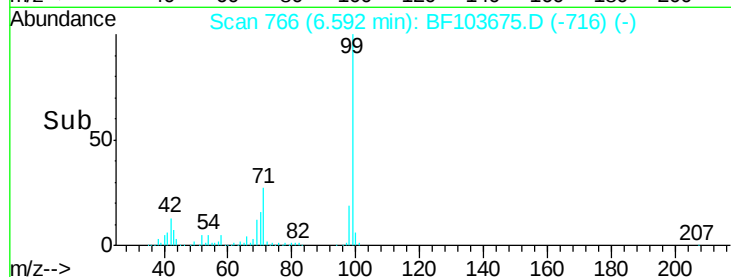
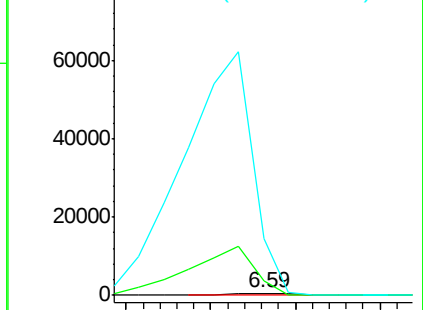
#10
Phenol
Concen: 0.035 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 487
Ion Ratio Lower Upper
94 100
65 641.7 7.9 47.9#
66 2531.5 16.2 56.2#

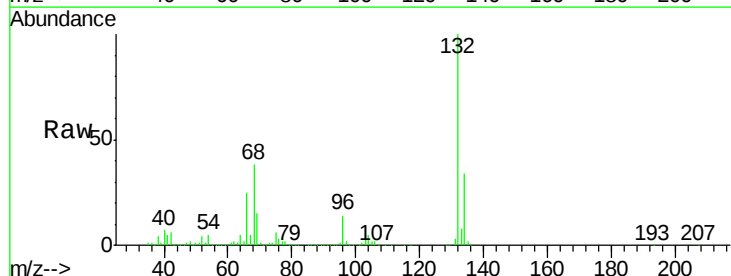


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

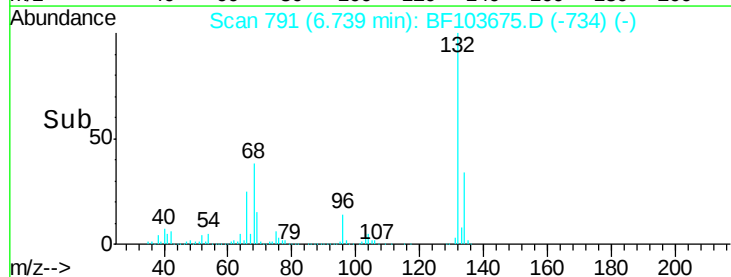
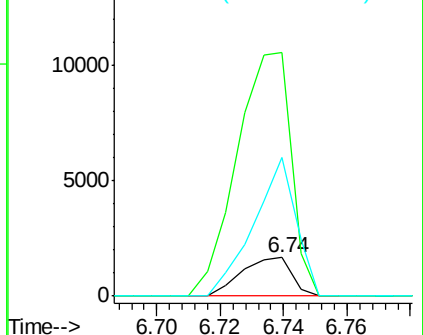


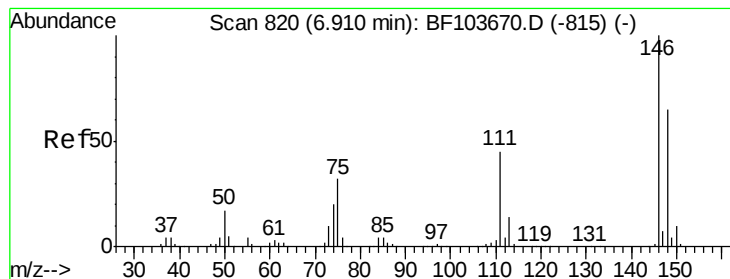
#11
bis(2-Chloroethyl)ether
Concen: 0.162 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.04 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion: 93 Resp: 1839
Ion Ratio Lower Upper
93 100
63 631.2 58.6 98.6#
95 358.1 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: 56.583 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.08 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

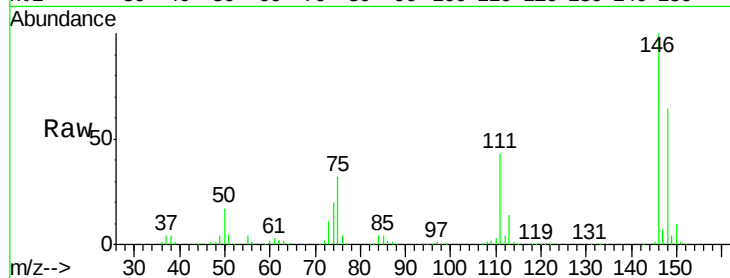
Tot Ion:146 Resp: 715372

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

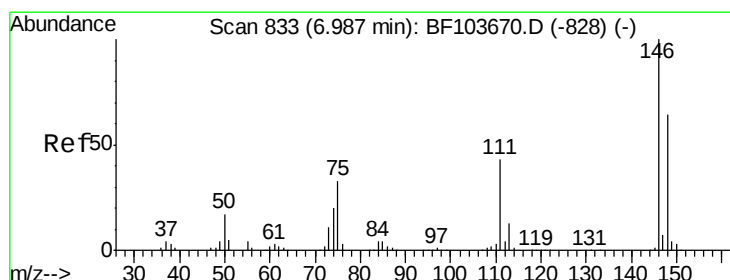
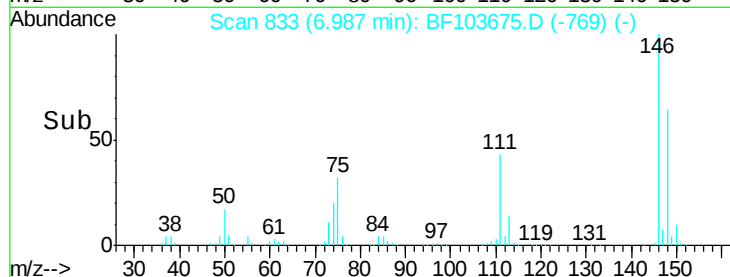
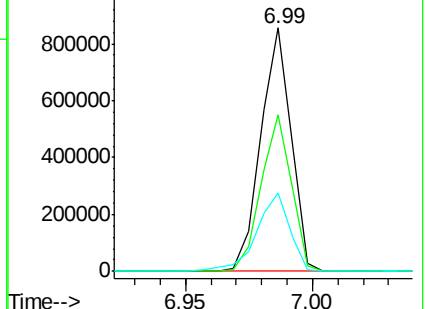
75 32.1 24.2 36.4



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: 56.309 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

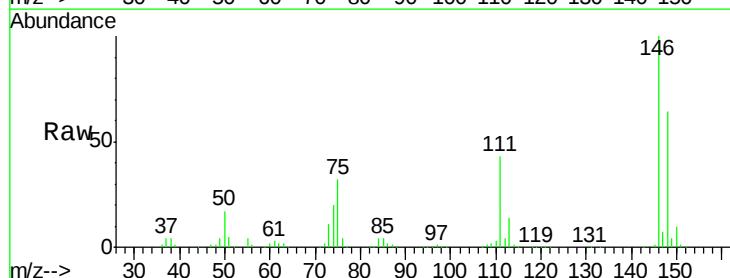
Tgt Ion:146 Resp: 715372

Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

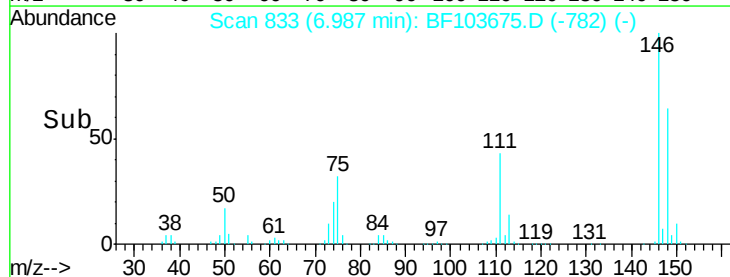
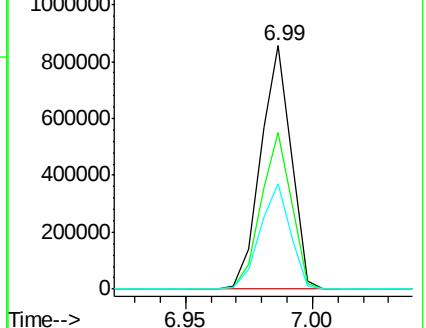
111 43.4 34.2 51.2

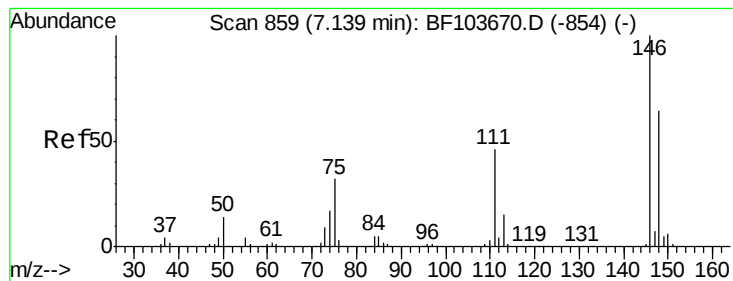


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 68.308 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

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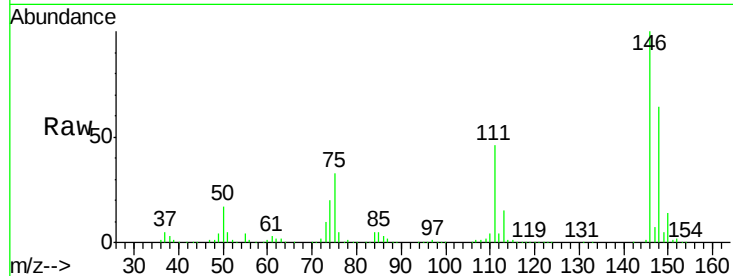
Tot Ion:146 Resp: 805274

Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

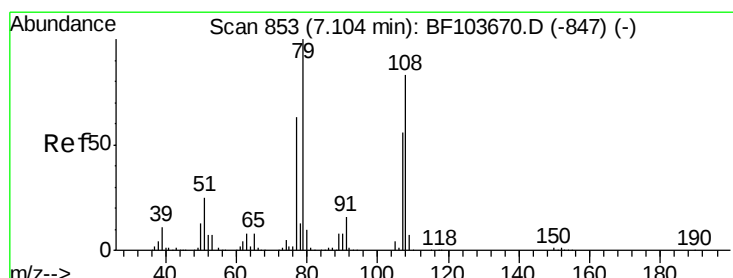
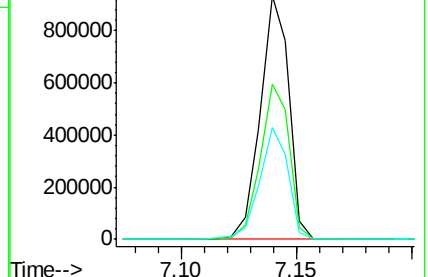
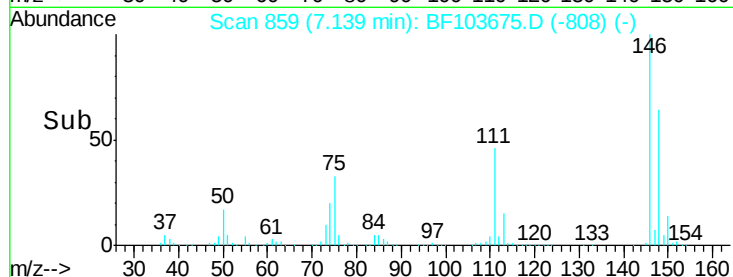
111 46.1 36.0 54.0



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: 1.629 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.02 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

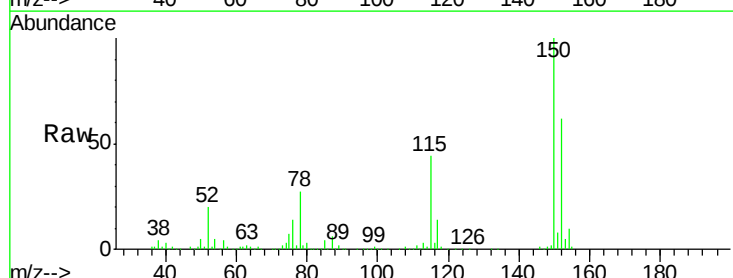
Tgt Ion: 79 Resp: 16362

Ion Ratio Lower Upper

79 100

108 31.8 65.1 97.7#

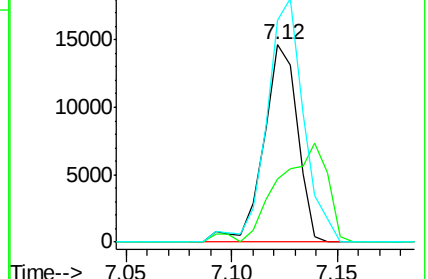
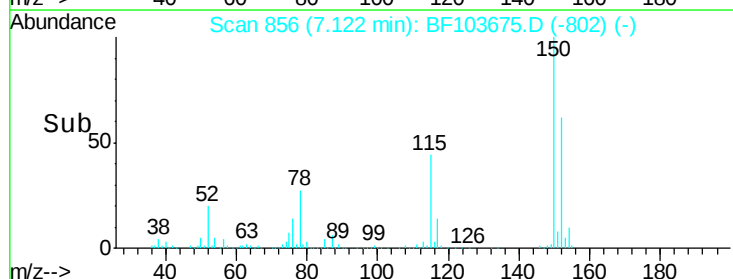
77 112.1 50.6 75.8#

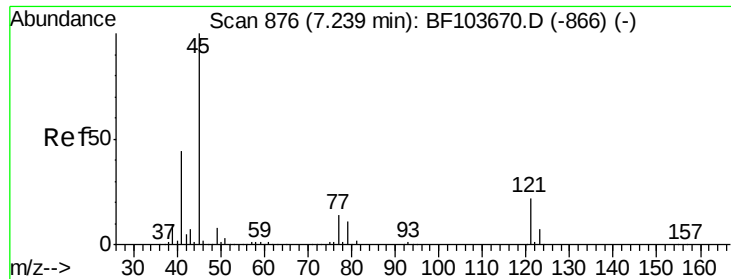


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

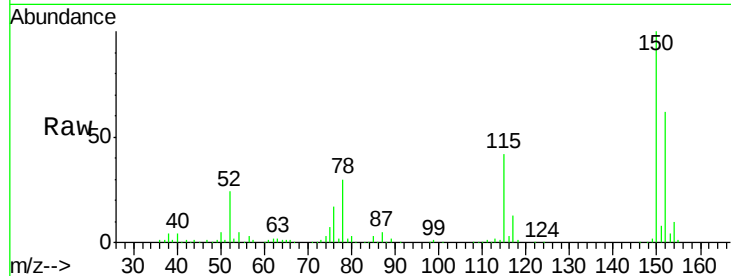




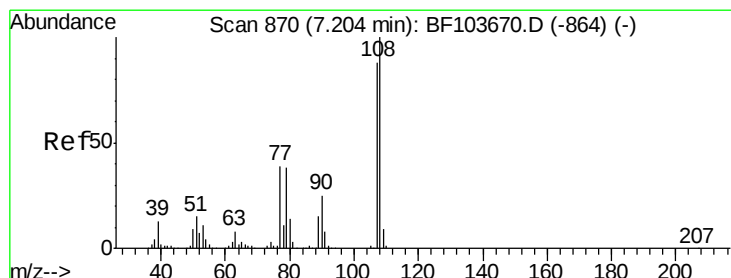
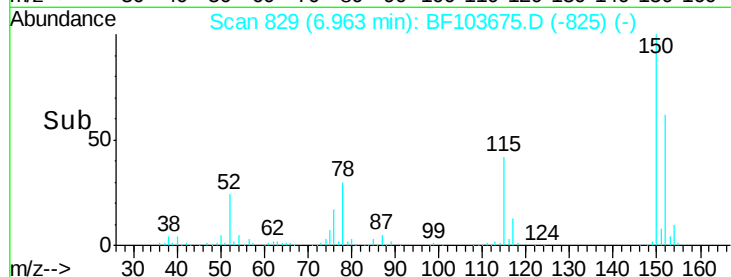
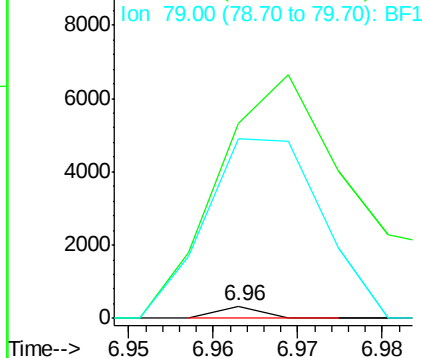
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.007 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.28 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 45 Resp: 118
Ion Ratio Lower Upper
45 100
77 1595.5 0.0 32.9#
79 1472.7 0.0 29.6#

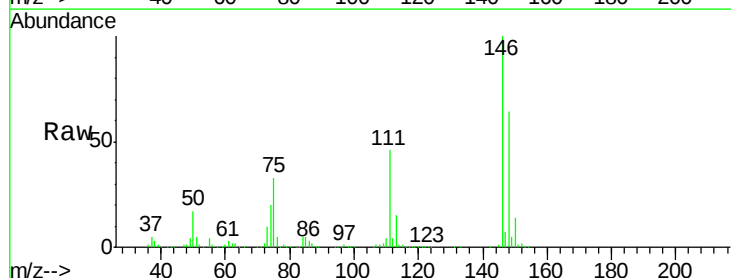


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

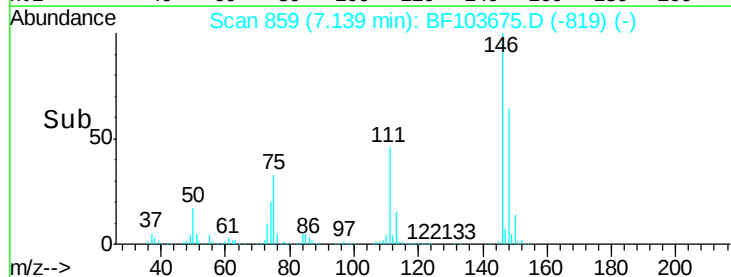
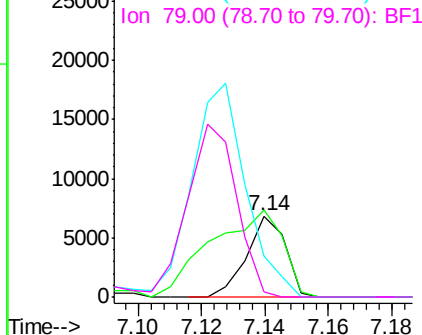


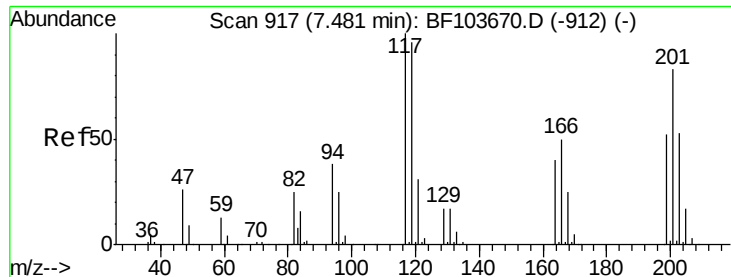
#17
2-Methylphenol
Concen: 0.588 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.06 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion:107 Resp: 5812
Ion Ratio Lower Upper
107 100
108 107.2 91.7 137.5
77 50.7 33.8 50.8
79 6.1 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

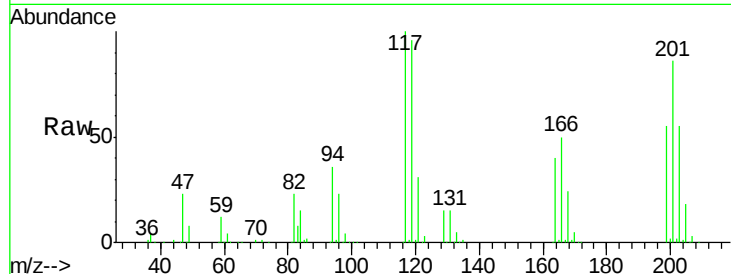




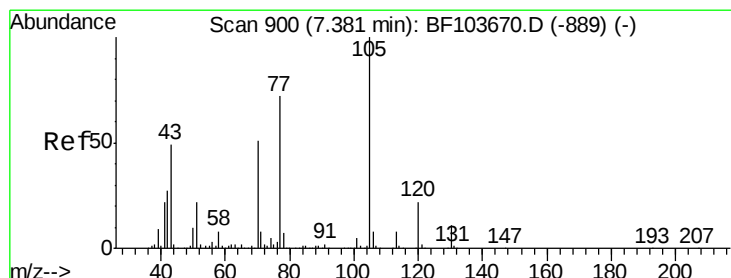
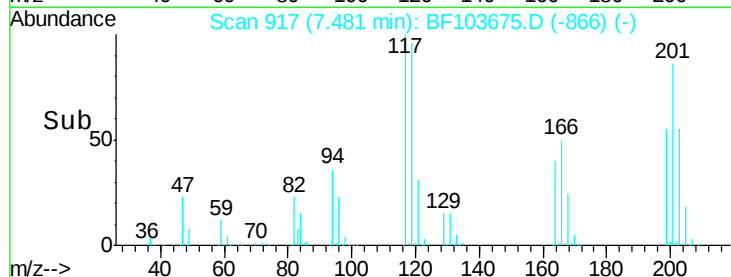
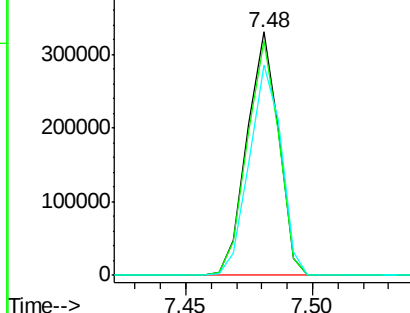
#18
Hexachloroethane
Concen: 64.245 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 287097
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.8
201 86.4 75.7 113.5

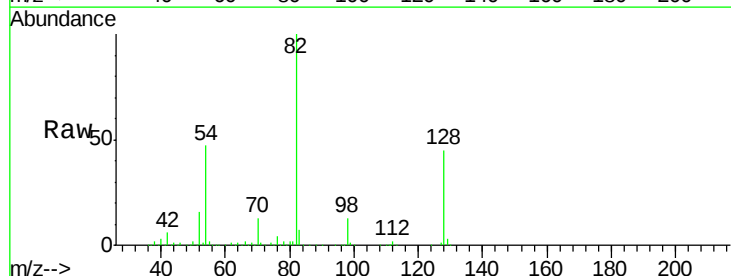


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

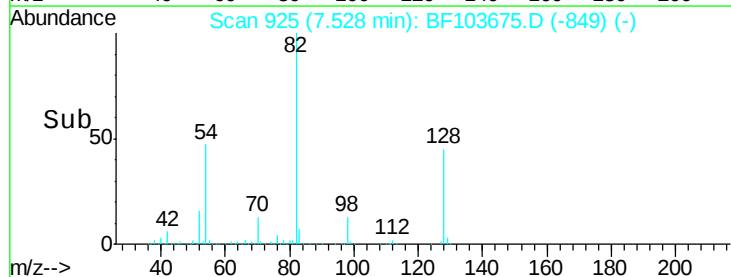
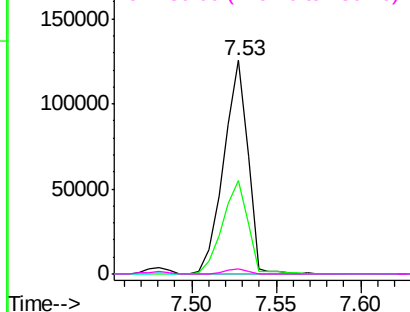


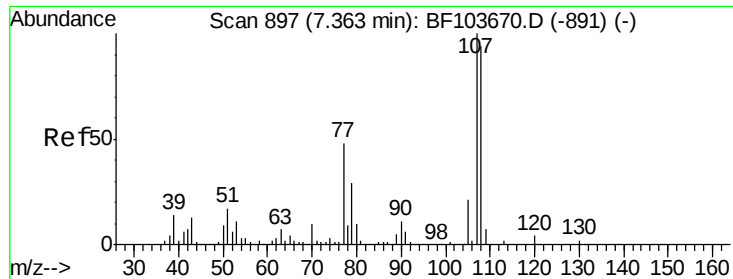
#19
n-Nitroso-di-n-propylamine
Concen: 15.016 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion: 70 Resp: 124759
Ion Ratio Lower Upper
70 100
42 43.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 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): E
Ion 130.00 (129.70 to 130.70): E

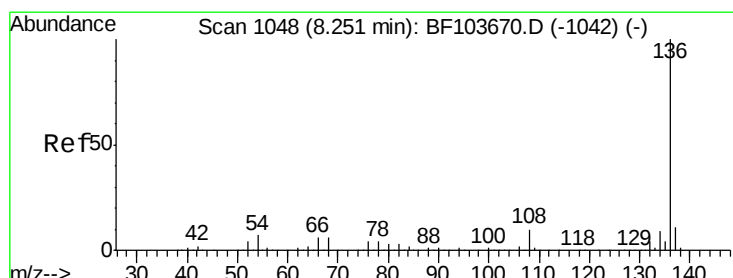
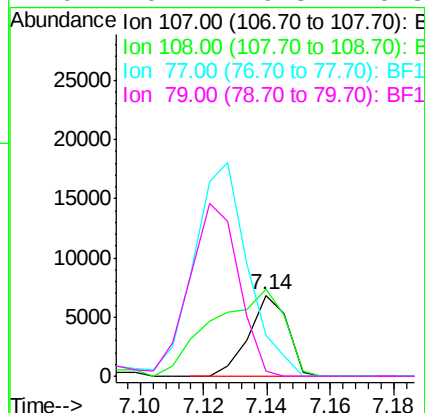
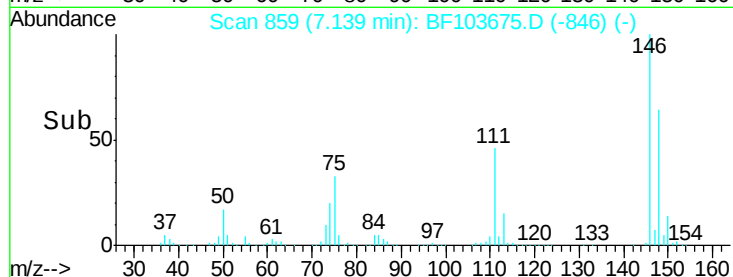
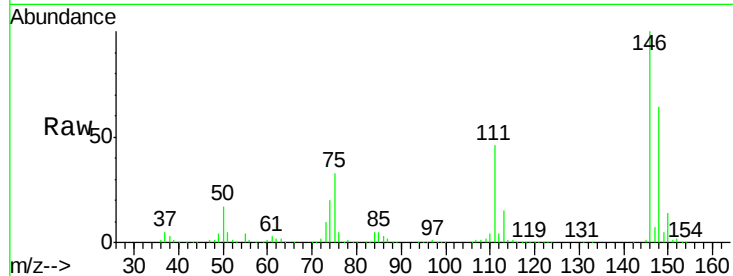




#20
 3+4-Methylphenols
 Concen: 0.463 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.22 min
 Lab File: BF103675.D
 Acq: 15 Mar 2018 18:28

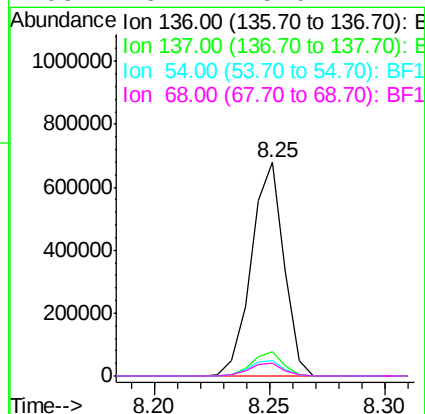
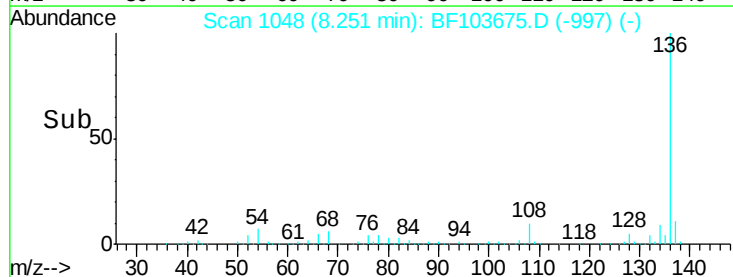
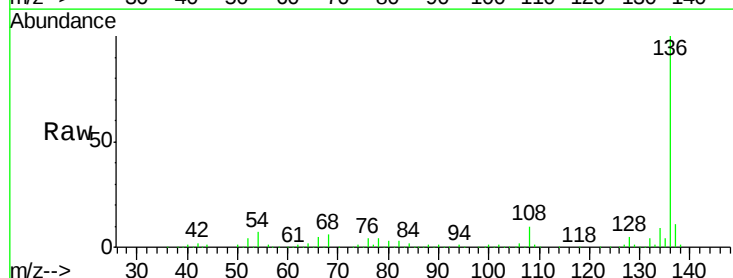
Instrument :
 BNA_F
 ClientSampleId :

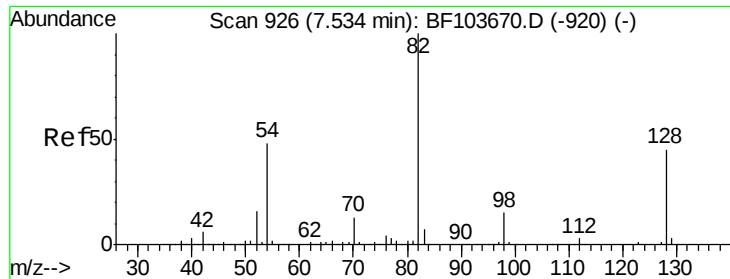
Tot Ion:107 Resp: 5812
 Ion Ratio Lower Upper
 107 100
 108 107.2 68.2 108.2
 77 50.7 26.7 66.7
 79 6.1 6.3 46.3#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF103675.D
 Acq: 15 Mar 2018 18:28

Tgt Ion:136 Resp: 667315
 Ion Ratio Lower Upper
 136 100
 137 11.1 8.9 13.3
 54 7.3 6.6 9.8
 68 5.7 5.0 7.4

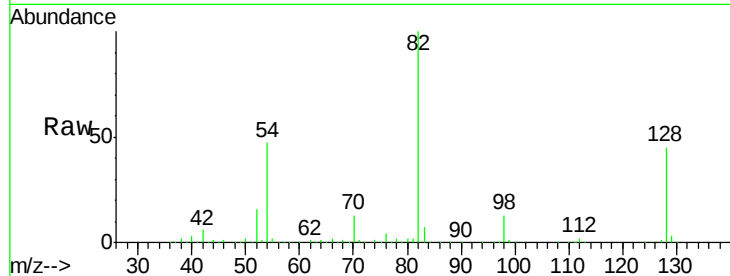




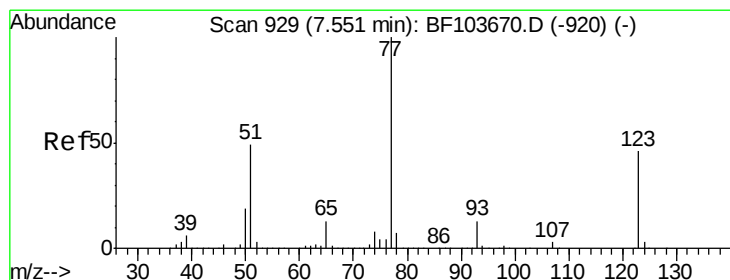
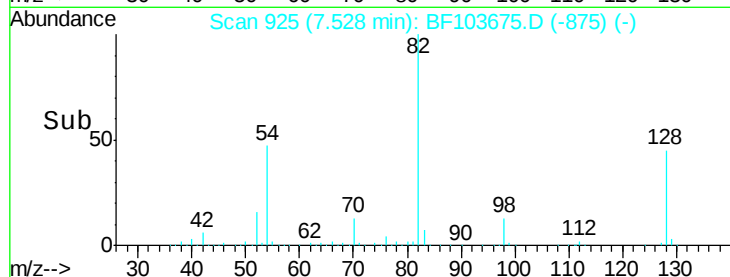
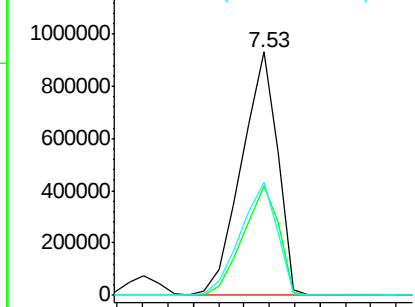
#23
 Nitrobenzene-d5
 Concen: 96.297 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF103675.D
 Acq: 15 Mar 2018 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 921485
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.1 54.1
 54 46.5 41.4 62.2

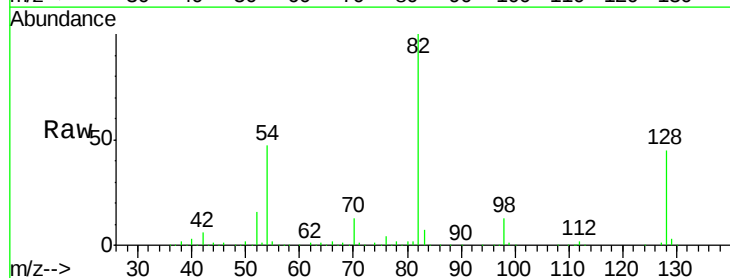


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

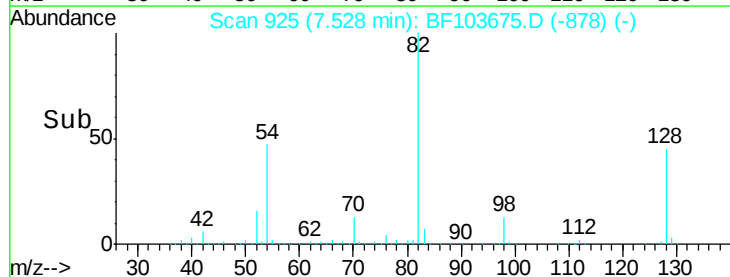
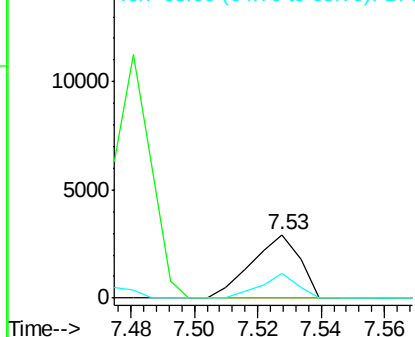


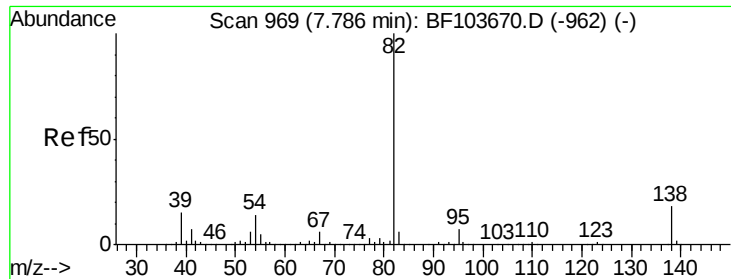
#24
 Nitrobenzene
 Concen: 0.274 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF103675.D
 Acq: 15 Mar 2018 18:28

Tgt Ion: 77 Resp: 3078
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.9 56.9#
 65 39.9 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: 41.598 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.26 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

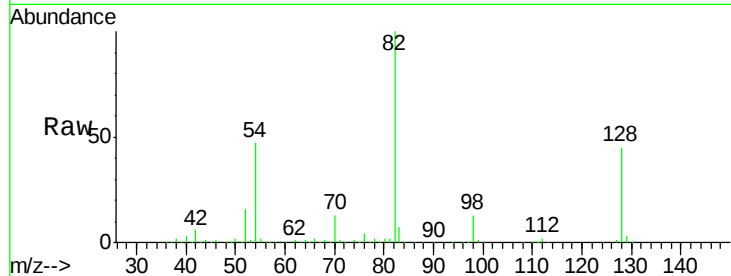
Tot Ion: 82 Resp: 921485

Ion Ratio Lower Upper

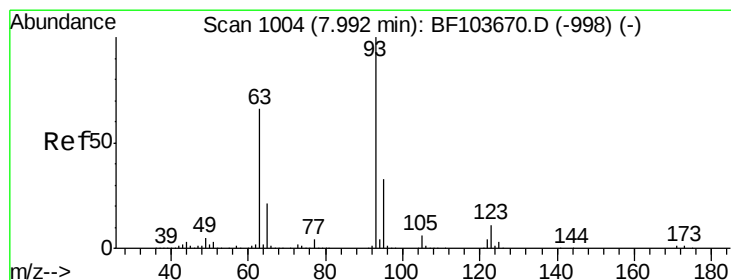
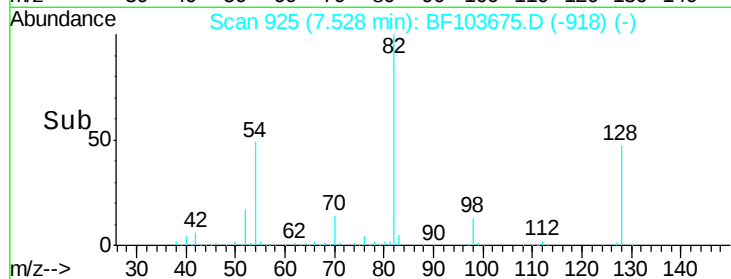
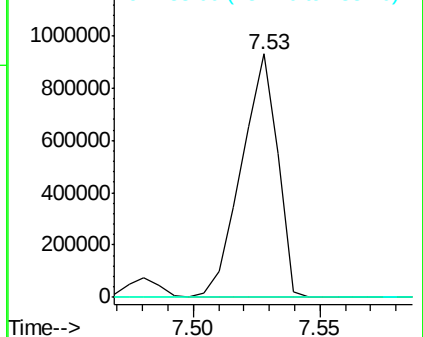
82 100

95 0.0 5.2 7.8#

138 0.0 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



#28

bis(2-Chloroethoxy)methane

Concen: 0.008 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

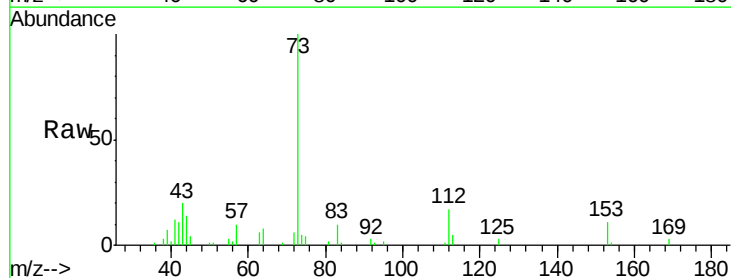
Tgt Ion: 93 Resp: 112

Ion Ratio Lower Upper

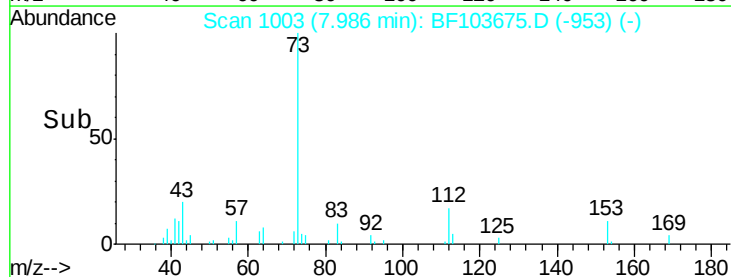
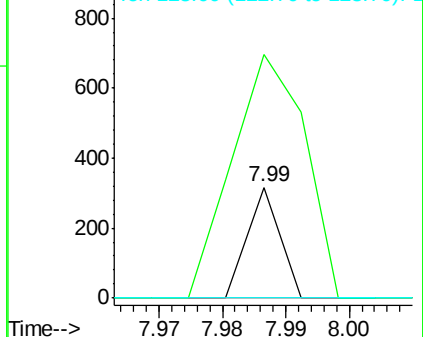
93 100

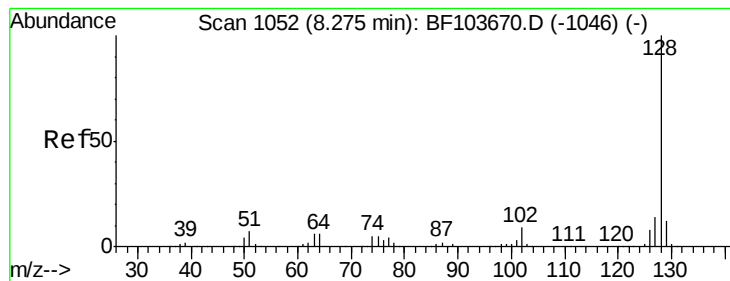
95 219.6 26.3 39.5#

123 0.0 9.8 14.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): BF1





#31

Naphthalene

Concen: 69.229 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

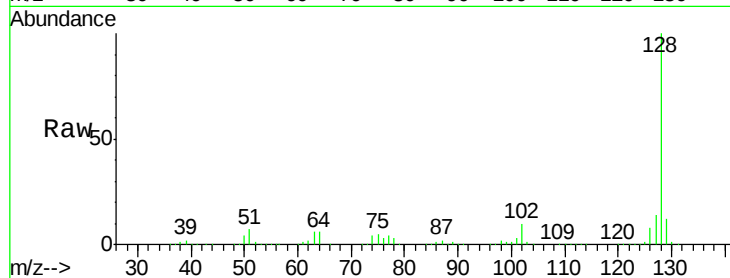
Tot Ion:128 Resp: 2333647

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

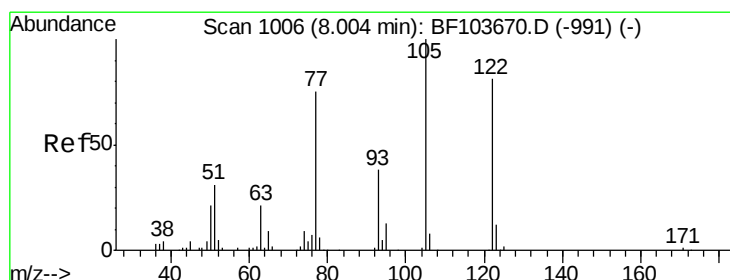
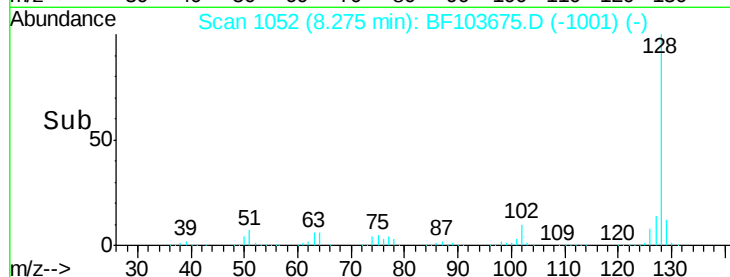
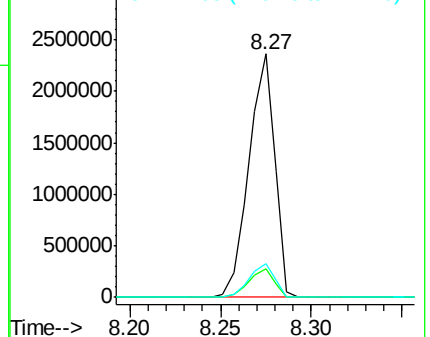
127 14.1 10.9 16.3



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: 10.578 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.27 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

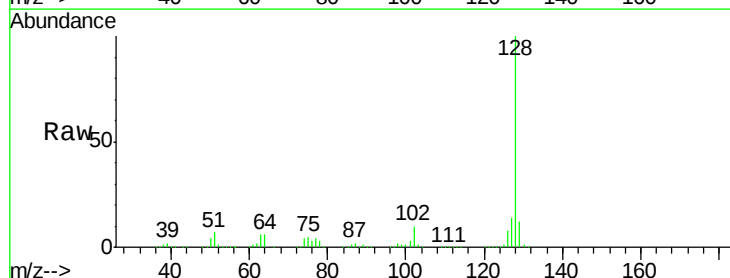
Tgt Ion:122 Resp: 5679

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

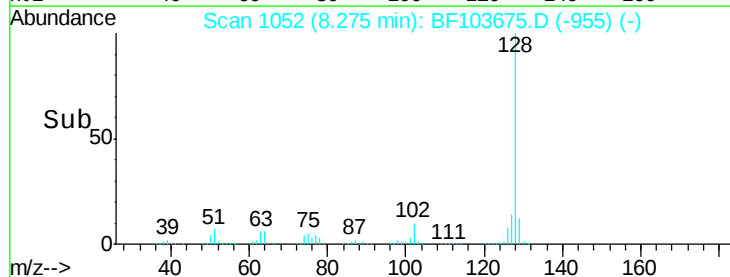
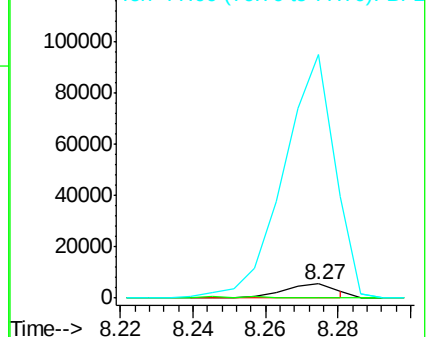
77 1683.8 70.7 110.7#

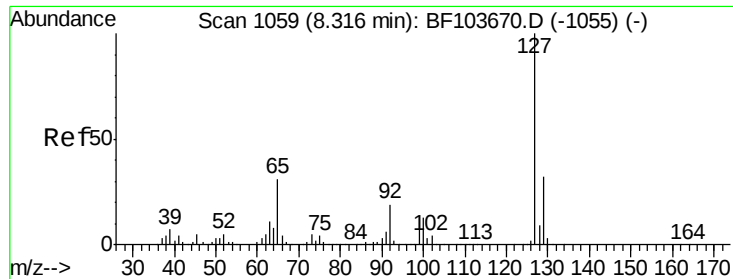


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

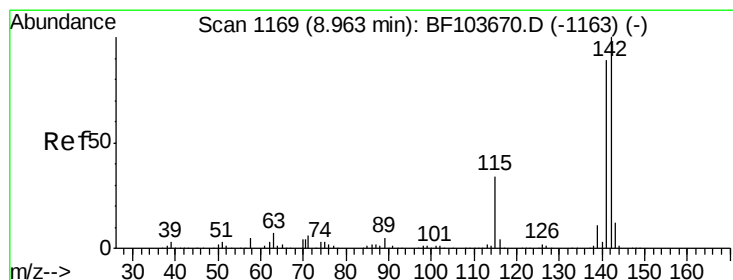
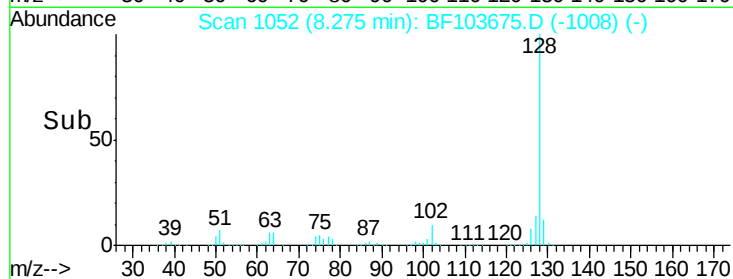
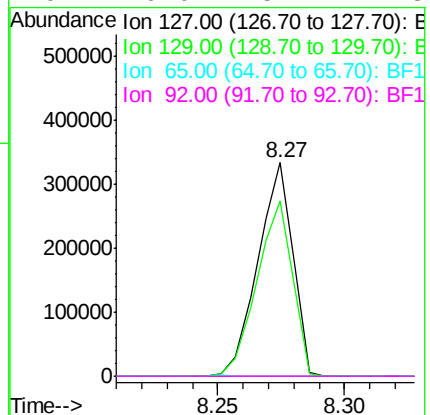
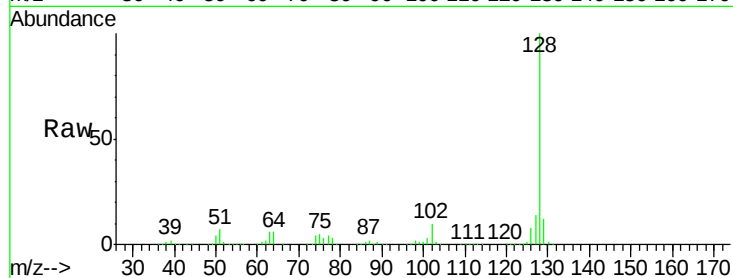




#33
4-Chloroaniline
Concen: 22.664 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.04 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

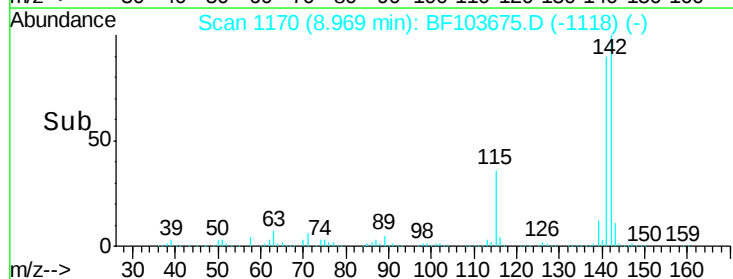
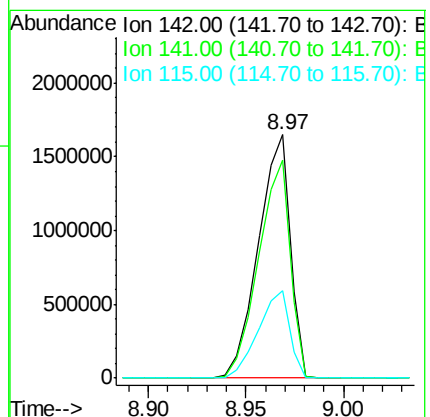
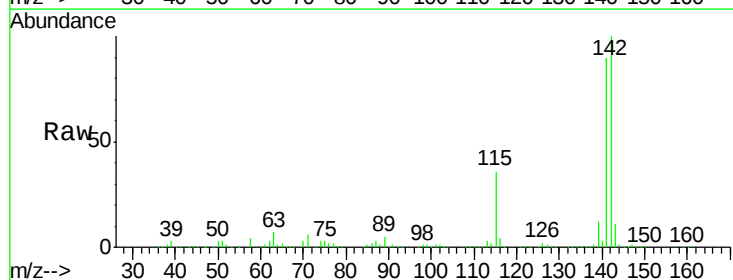
Instrument :
BNA_F
ClientSampled :

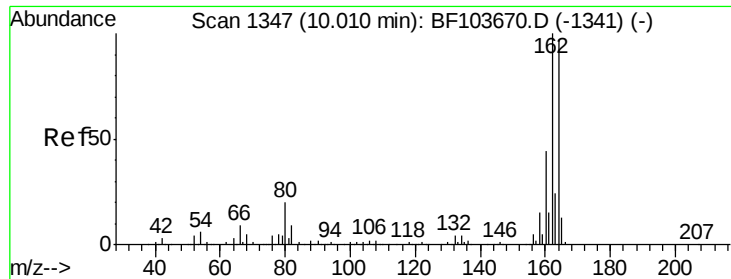
Tot Ion:127 Resp: 320511
Ion Ratio Lower Upper
127 100
129 82.4 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#



#37
2-Methylnaphthalene
Concen: 87.280 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion:142 Resp: 1865790
Ion Ratio Lower Upper
142 100
141 89.6 70.8 106.2
115 36.1 26.1 39.1

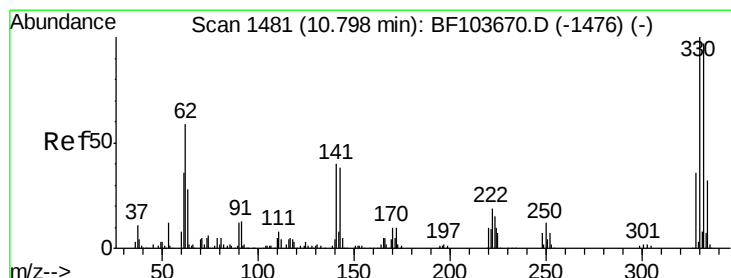
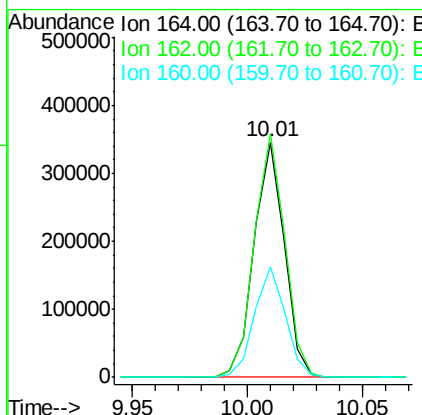
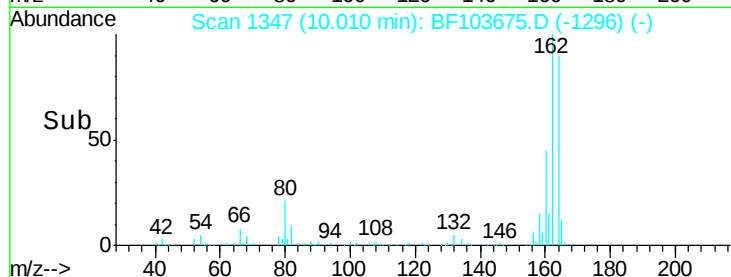
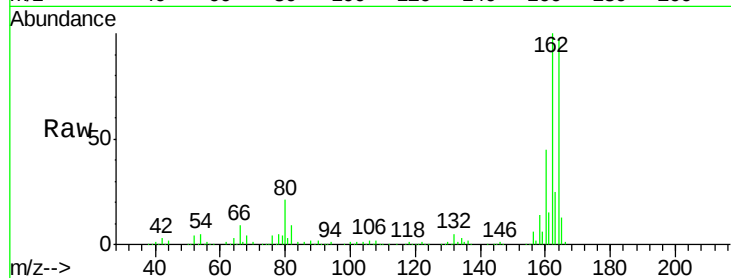




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

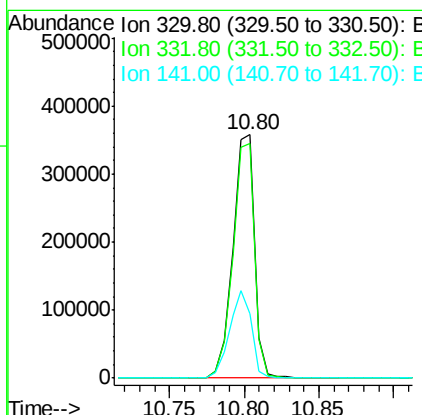
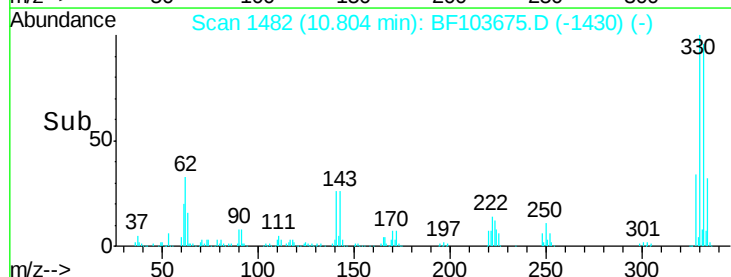
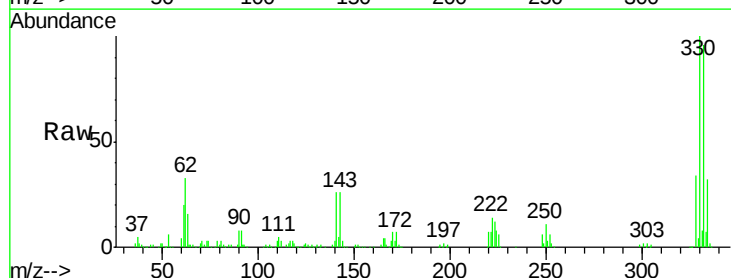
Instrument :
BNA_F
ClientSampled :

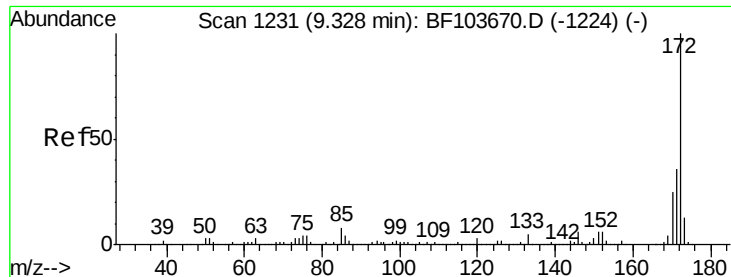
Tot Ion:164 Resp: 318503
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 46.8 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 134.024 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion:330 Resp: 367027
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 36.4 29.9 44.9

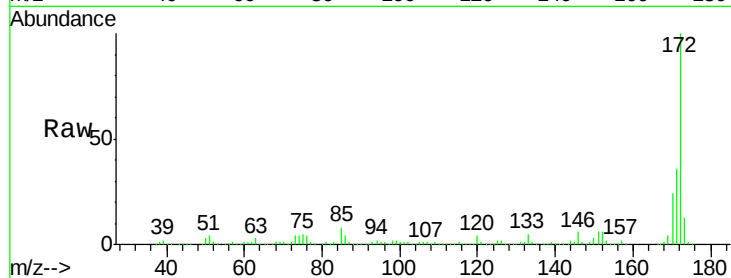




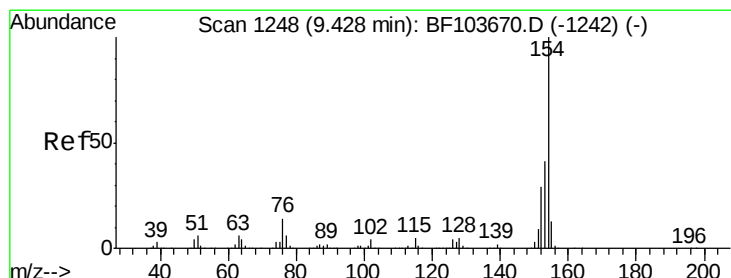
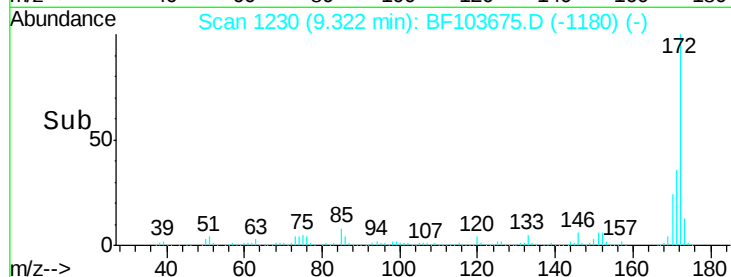
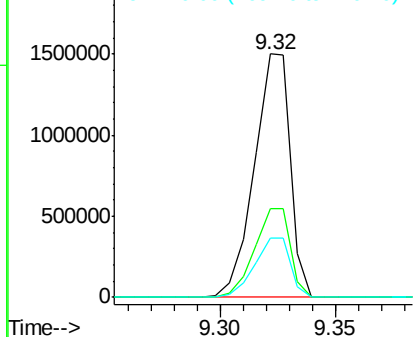
#44
2-Fluorobiphenyl
Concen: 81.625 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1629808
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.1 19.6 29.4

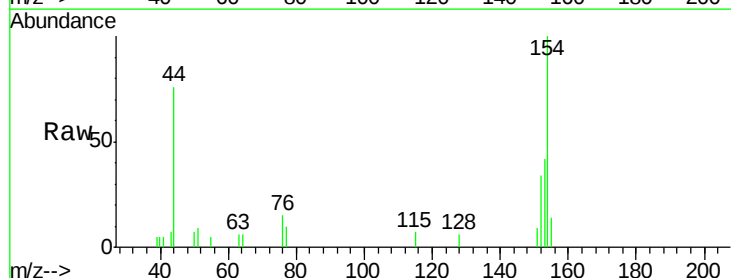


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

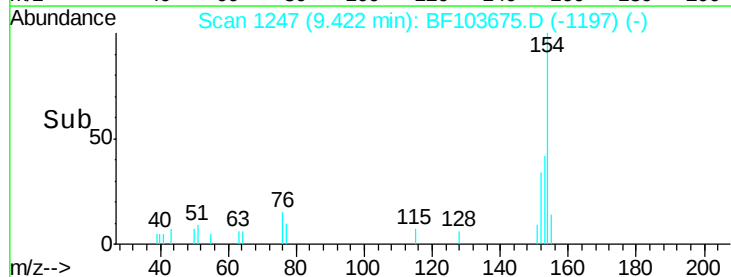
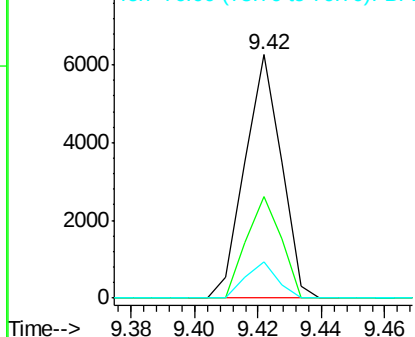


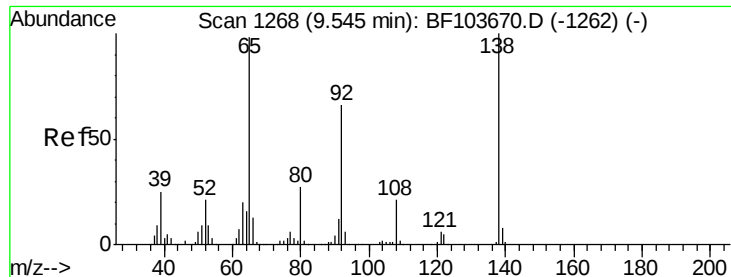
#45
1,1'-Biphenyl
Concen: 0.187 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion:154 Resp: 4978
Ion Ratio Lower Upper
154 100
153 41.9 21.3 61.3
76 14.9 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

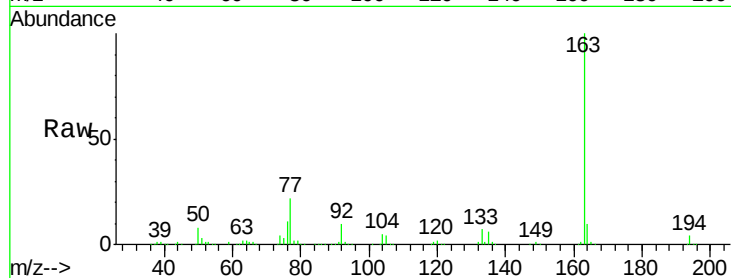




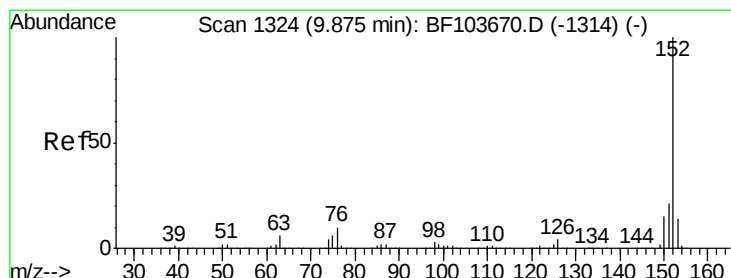
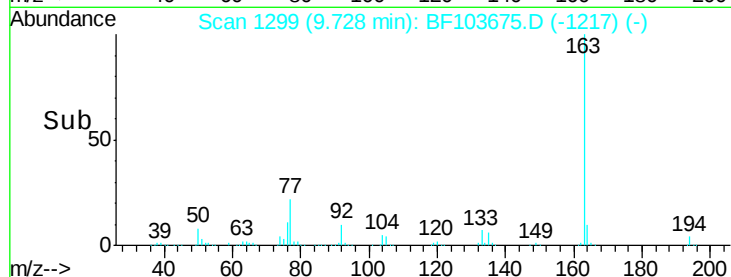
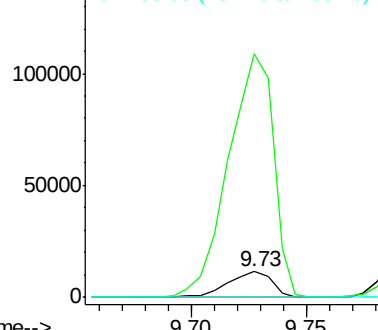
#47
2-Nitroaniline
Concen: 9.206 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.18 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 15380
Ion Ratio Lower Upper
65 100
92 943.8 55.8 83.6#
138 0.0 91.2 136.8#

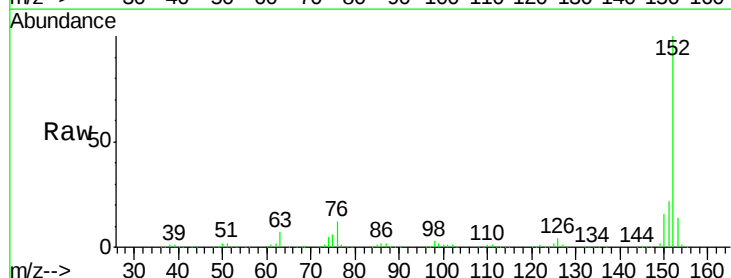


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

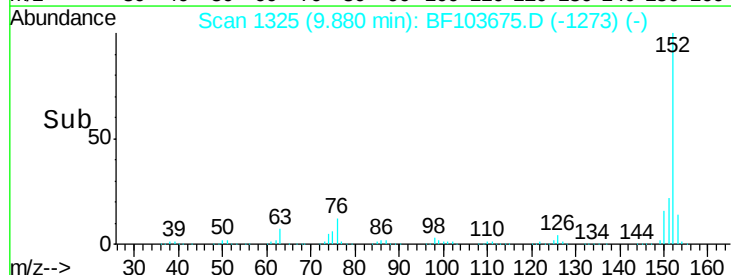
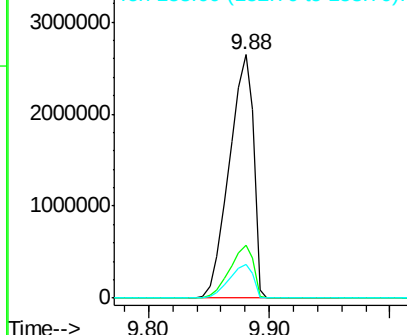


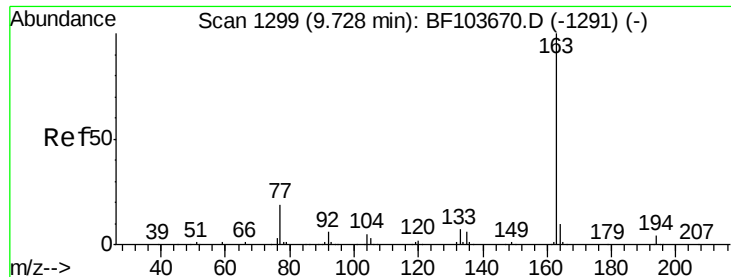
#48
Acenaphthylene
Concen: 112.192 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion: 152 Resp: 3669863
Ion Ratio Lower Upper
152 100
151 21.6 16.3 24.5
153 14.0 10.7 16.1



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

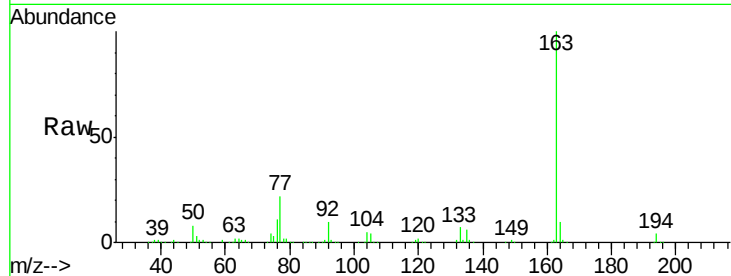




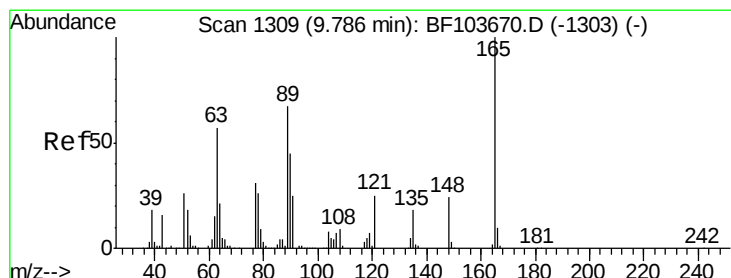
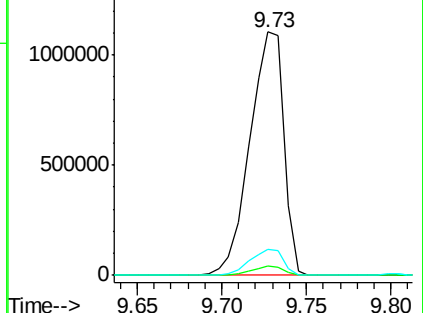
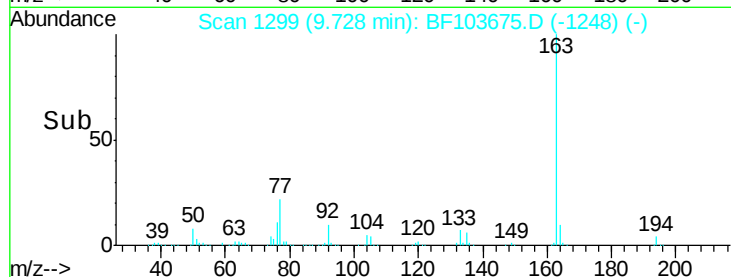
#49
Dimethylphthalate
Concen: 63.423 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1541190
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.5 8.2 12.2

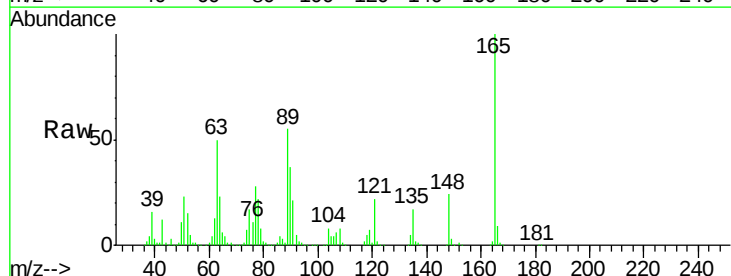


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

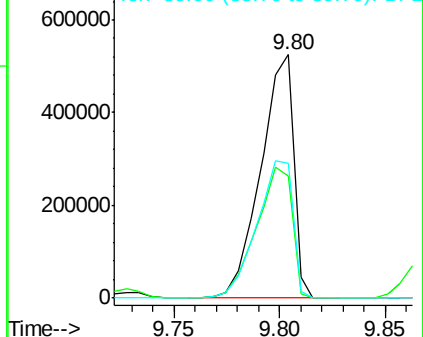
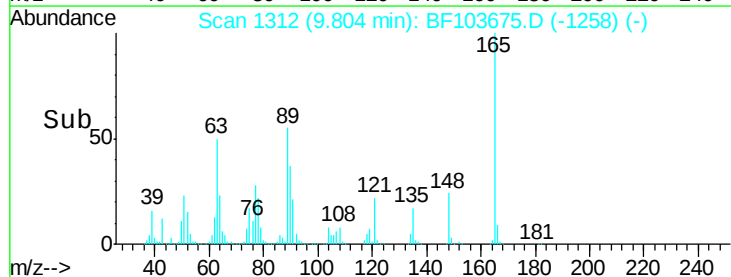


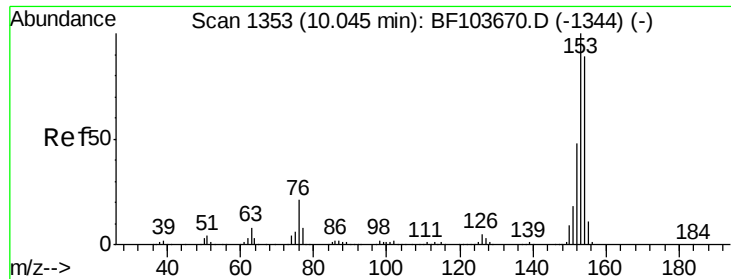
#50
2,6-Dinitrotoluene
Concen: 115.144 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.02 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion:165 Resp: 569832
Ion Ratio Lower Upper
165 100
63 49.9 44.7 67.1
89 55.3 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: 76.348 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

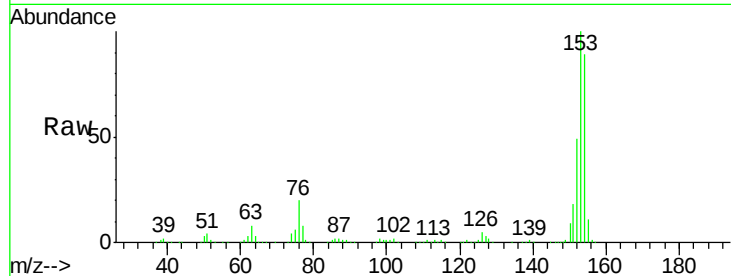
Tot Ion:154 Resp: 1482893

Ion Ratio Lower Upper

154 100

153 112.6 91.2 136.8

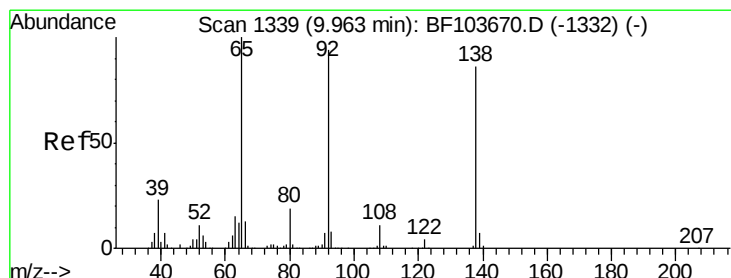
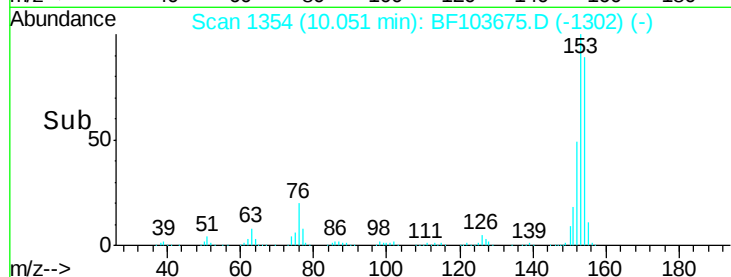
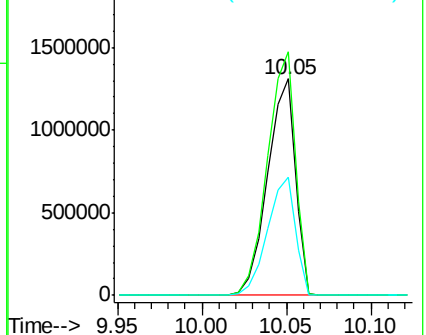
152 54.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 4.107 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.08 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

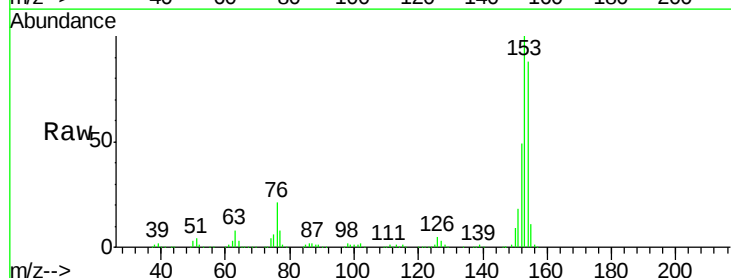
Tgt Ion:138 Resp: 1793

Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.0#

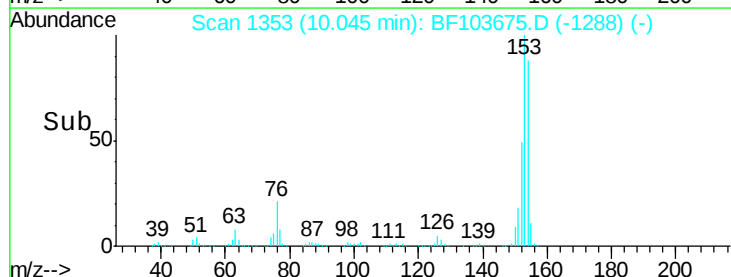
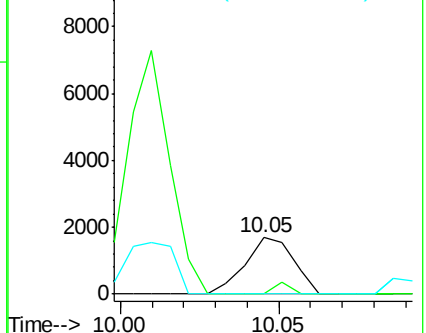
92 0.0 89.4 134.2#

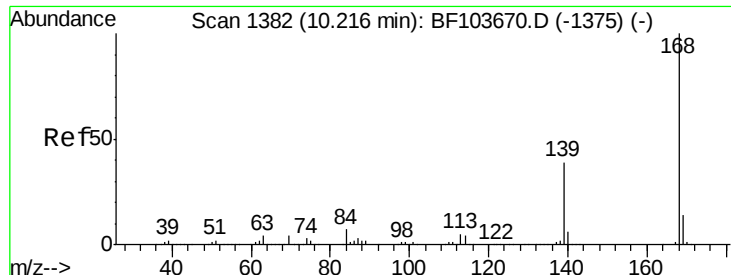


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

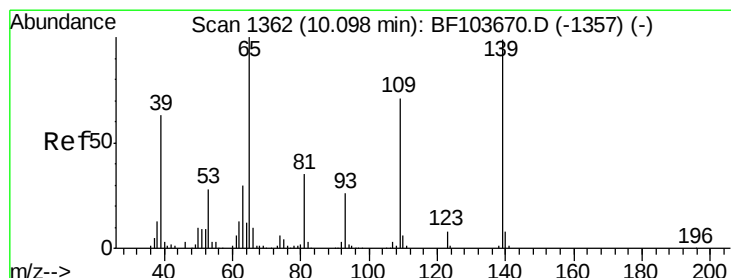
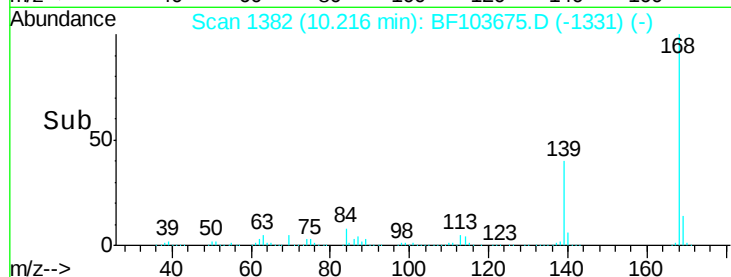
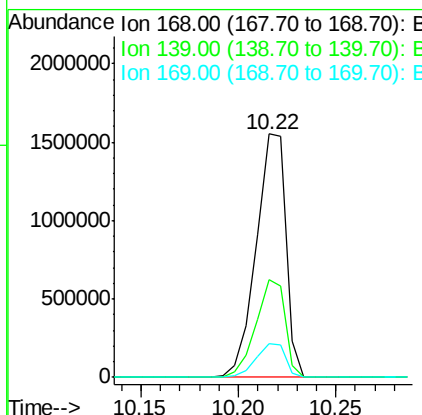
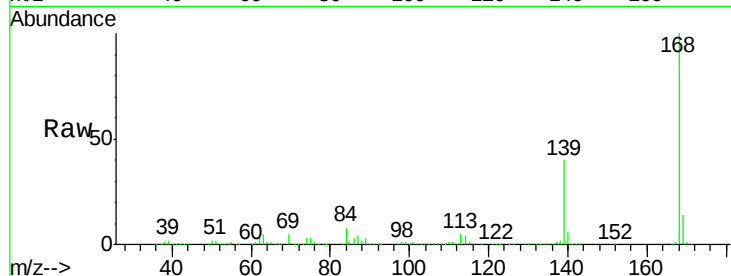




#54
Dibenzenofuran
Concen: 59.177 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

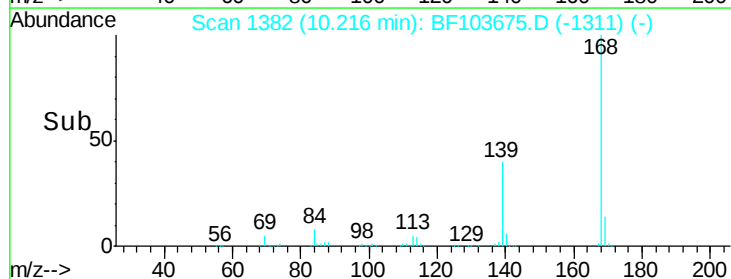
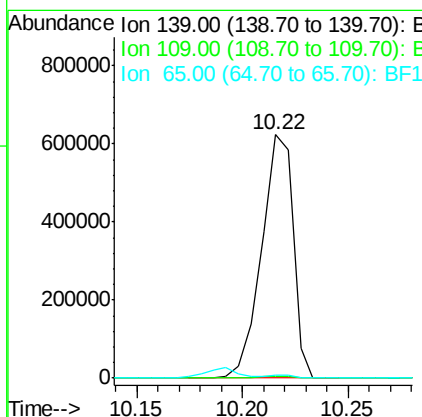
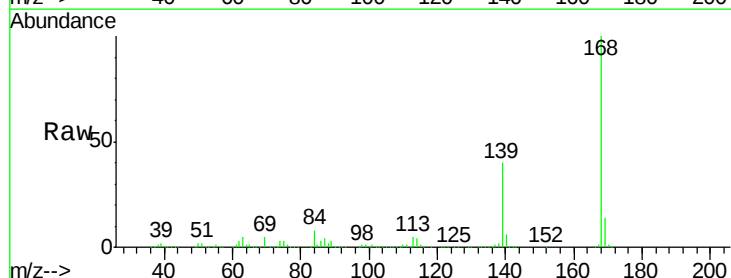
Instrument :
BNA_F
ClientSampleId :

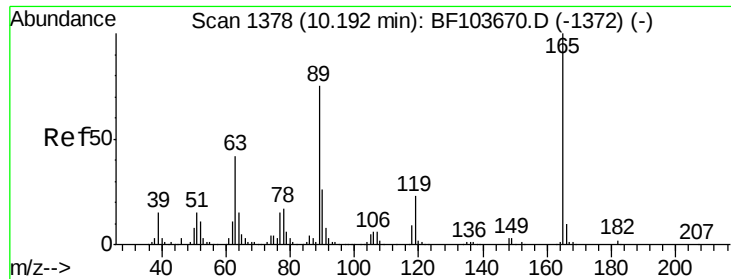
Tot Ion:168 Resp: 1641565
Ion Ratio Lower Upper
168 100
139 40.2 30.1 45.1
169 13.9 10.9 16.3



#55
4-Nitrophenol
Concen: 141.434 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.12 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion:139 Resp: 647332
Ion Ratio Lower Upper
139 100
109 0.9 48.4 88.4#
65 1.4 72.6 112.6#

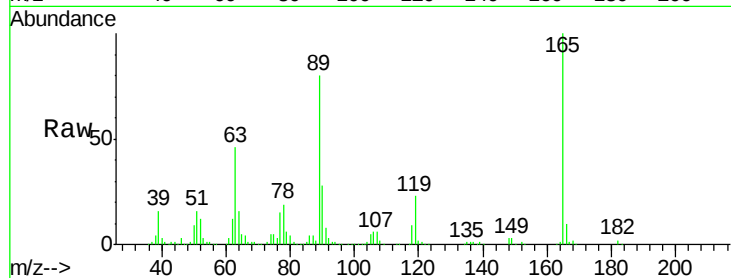




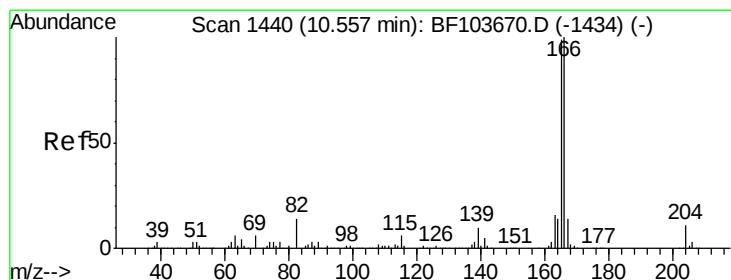
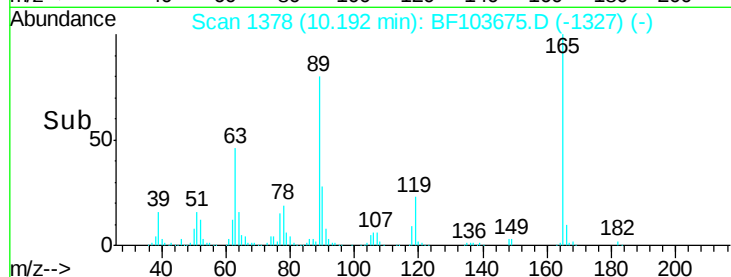
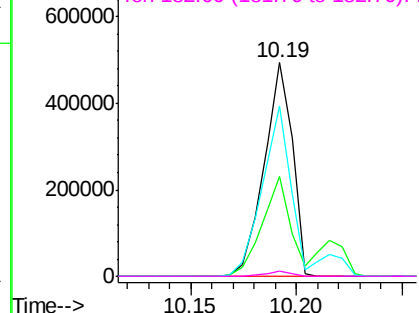
#56
2,4-Dinitrotoluene
Concen: 73.124 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 457725
Ion Ratio Lower Upper
165 100
63 46.5 36.4 54.6
89 79.7 57.8 86.6
182 2.2 1.6 2.4

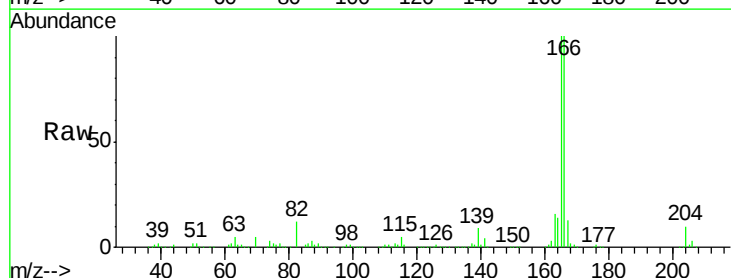


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

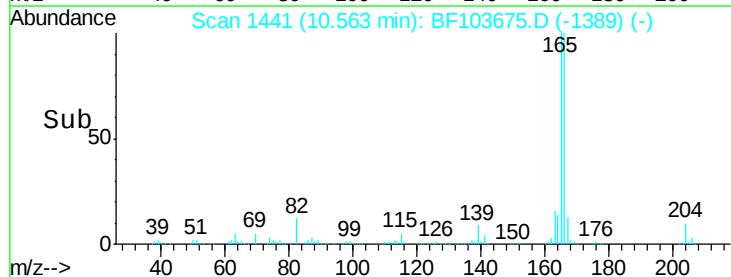
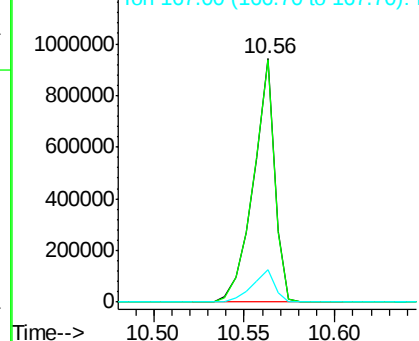


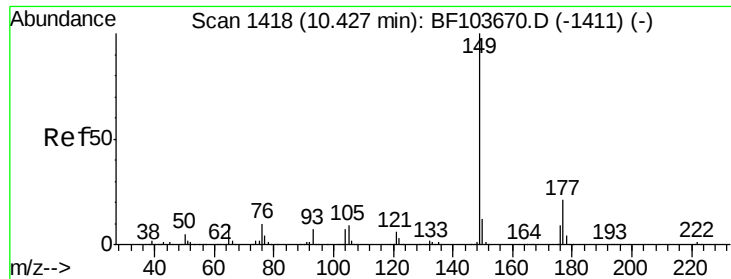
#57
Fluorene
Concen: 35.621 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion:166 Resp: 766747
Ion Ratio Lower Upper
166 100
165 99.7 79.8 119.8
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

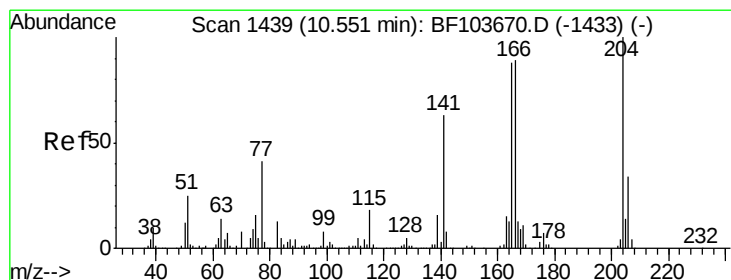
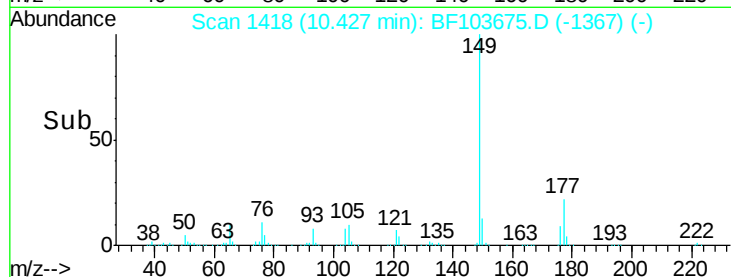
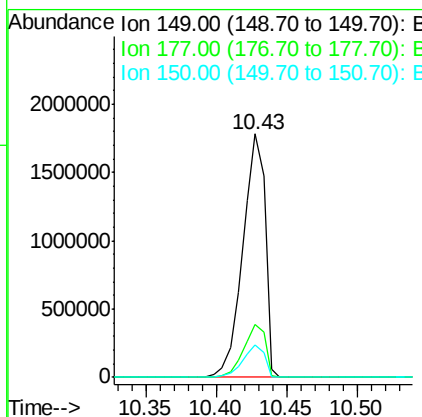
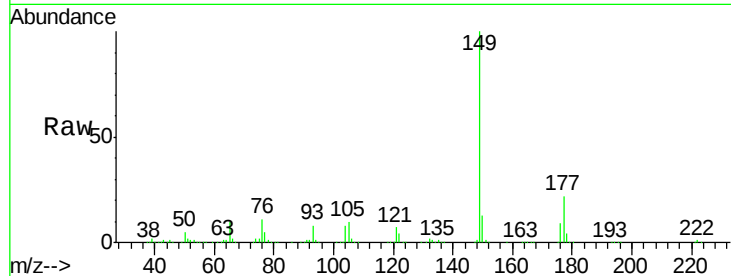




#59
Diethylphthalate
Concen: 81.318 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

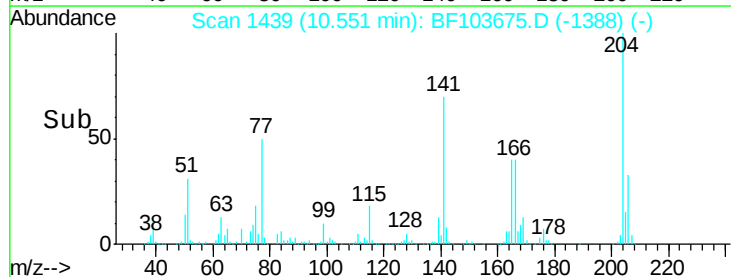
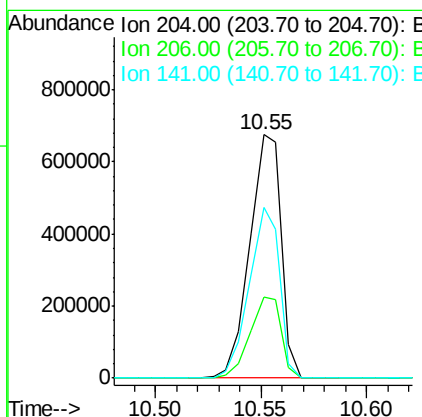
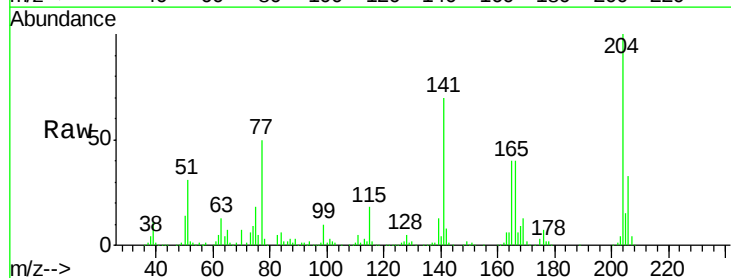
Instrument :
BNA_F
ClientSampled :

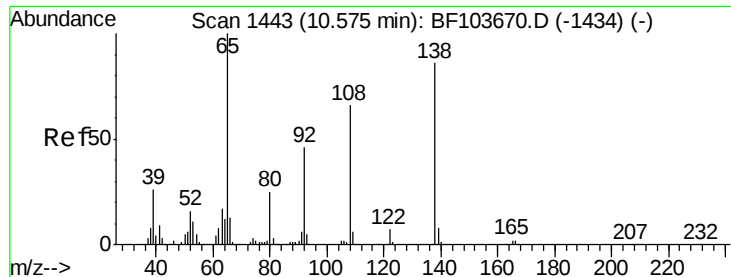
Tot Ion:149 Resp: 1961258
Ion Ratio Lower Upper
149 100
177 21.9 16.1 24.1
150 13.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 71.278 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion:204 Resp: 701189
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 69.9 54.6 81.8

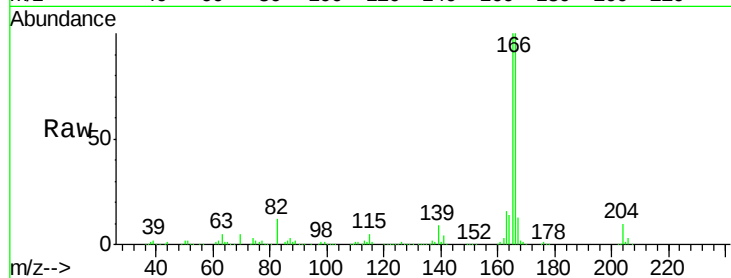




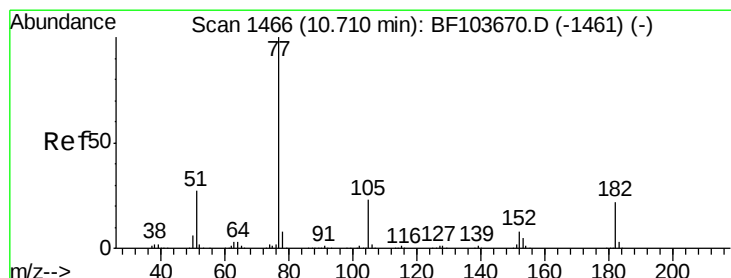
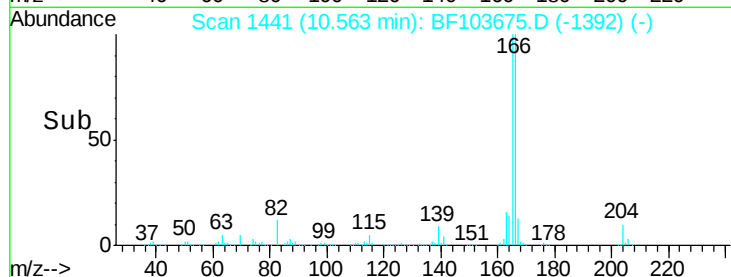
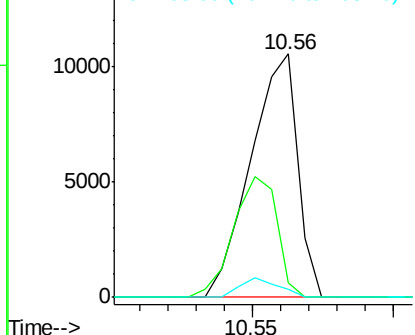
#61
4-Nitroaniline
Concen: 5.811 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 12128
Ion Ratio Lower Upper
138 100
92 6.0 30.2 70.2#
108 3.3 52.5 92.5#

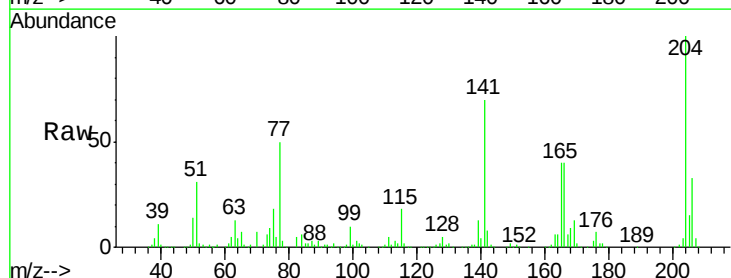


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

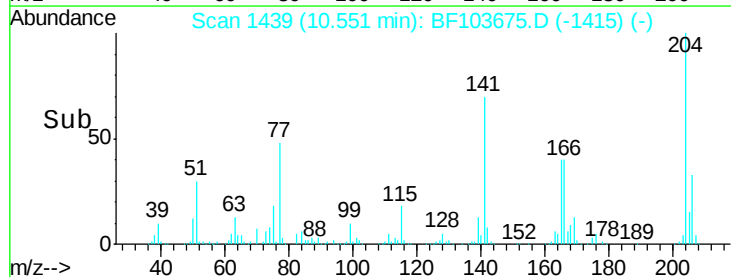
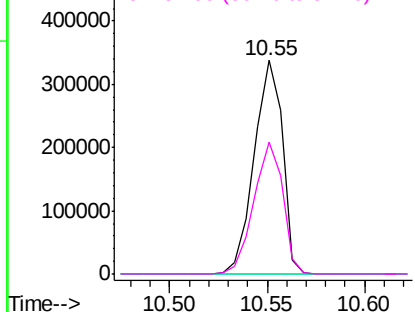


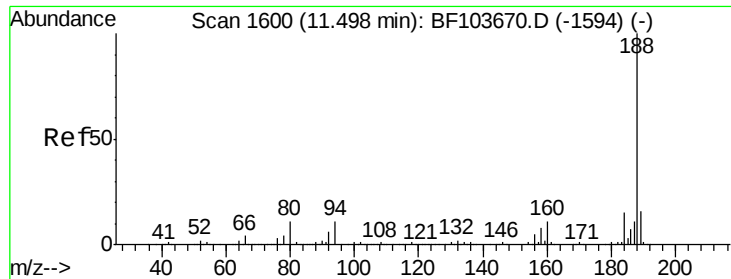
#62
Azobenzene
Concen: 13.876 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.16 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion: 77 Resp: 340245
Ion Ratio Lower Upper
77 100
182 0.0 1.7 41.7#
105 0.2 3.0 43.0#
51 61.6 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

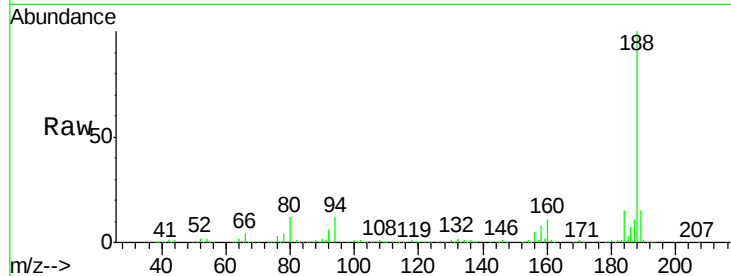




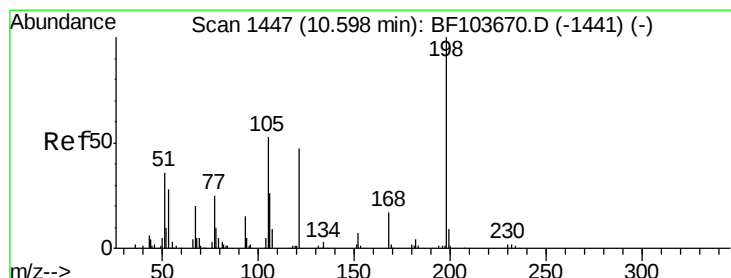
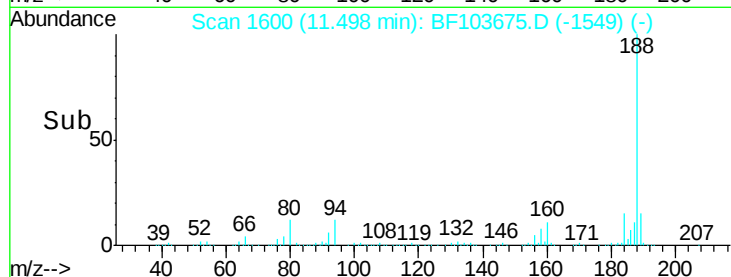
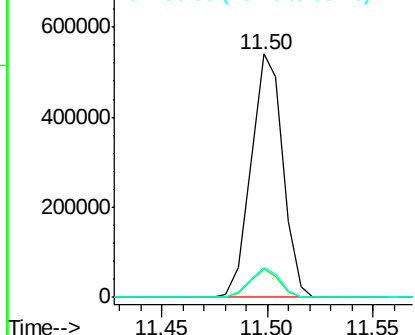
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 566021
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.2 9.2 13.8

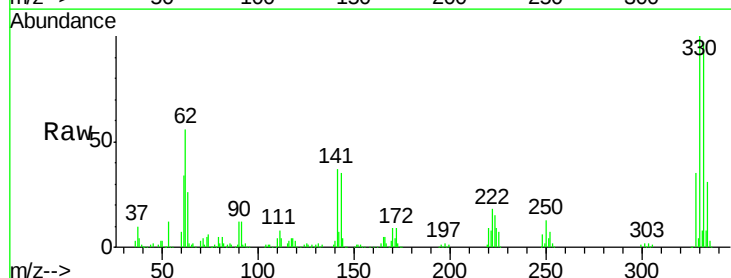


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

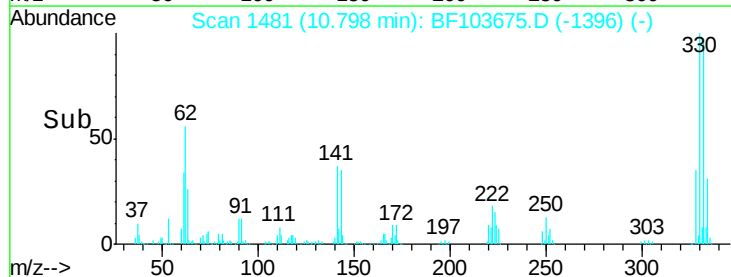
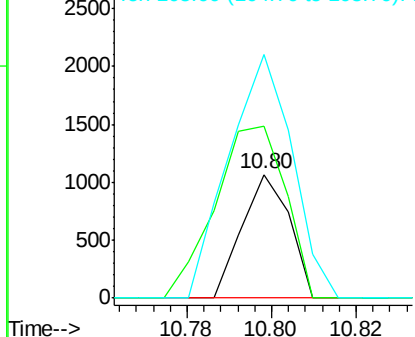


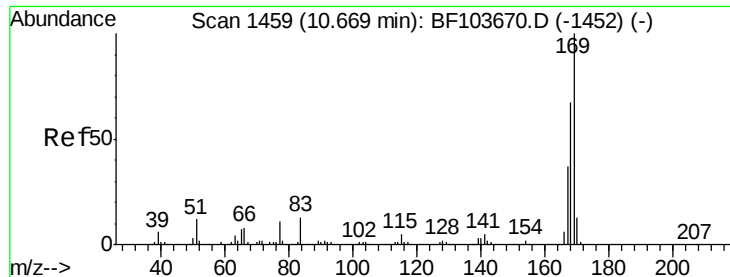
#64
4,6-Dinitro-2-methylphenol
Concen: 8.557 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.20 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion:198 Resp: 832
Ion Ratio Lower Upper
198 100
51 139.8 37.7 77.7#
105 197.4 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

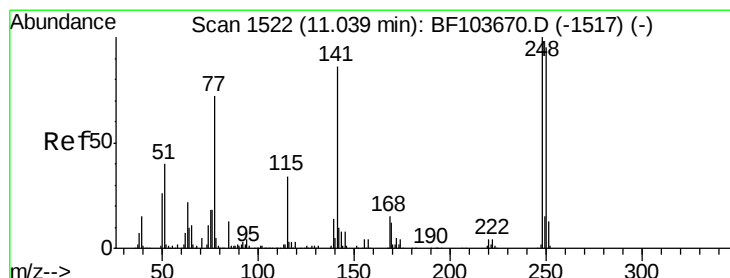
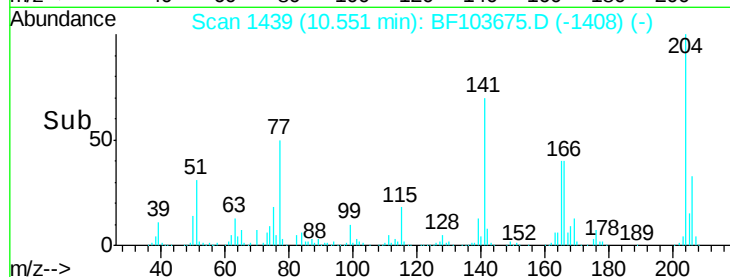
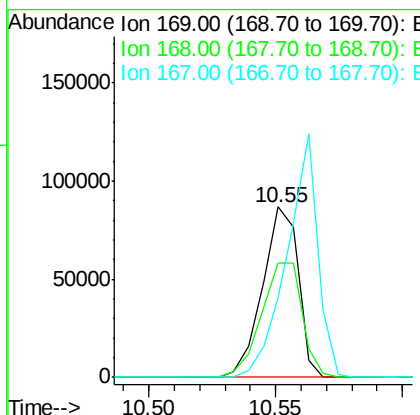
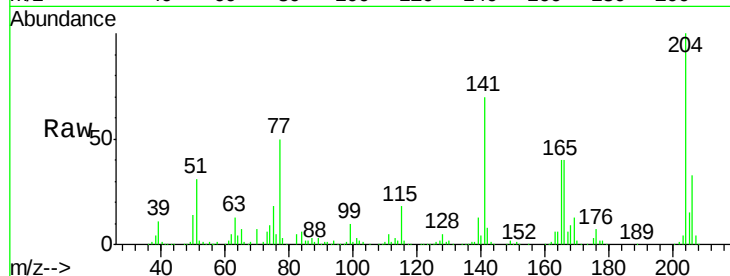




#65
 n-Nitrosodiphenylamine
 Concen: 4.416 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.12 min
 Lab File: BF103675.D
 Acq: 15 Mar 2018 18:28

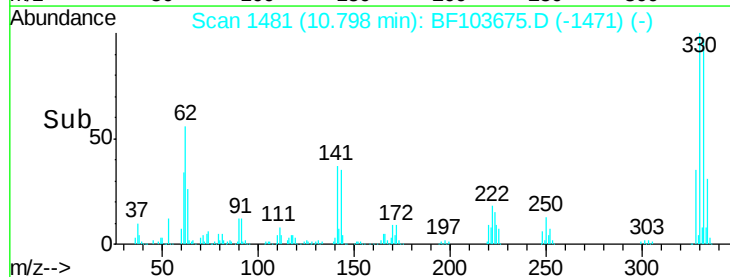
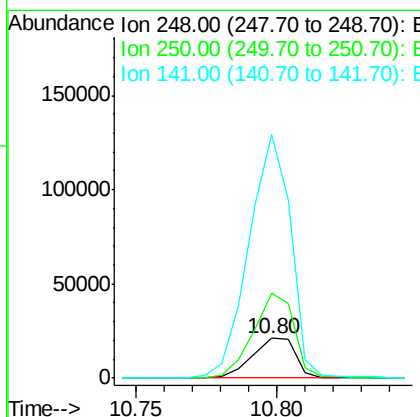
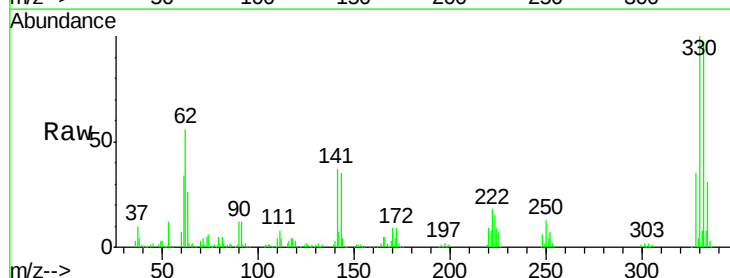
Instrument :
 BNA_F
 ClientSampleId :

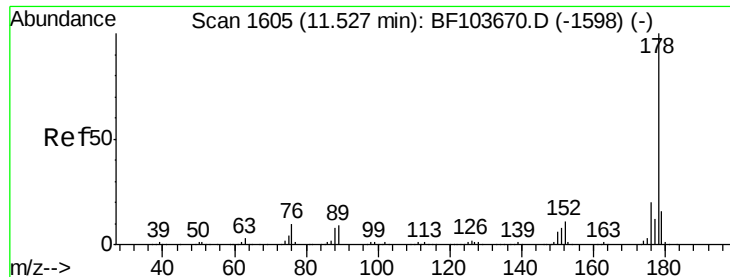
Tot Ion:169 Resp: 85084
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.4 81.6
 167 47.1 29.8 44.6#



#66
 4-Bromophenyl-phenylether
 Concen: 3.861 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.24 min
 Lab File: BF103675.D
 Acq: 15 Mar 2018 18:28

Tgt Ion:248 Resp: 22436
 Ion Ratio Lower Upper
 248 100
 250 212.4 76.9 115.3#
 141 609.7 74.4 111.6#

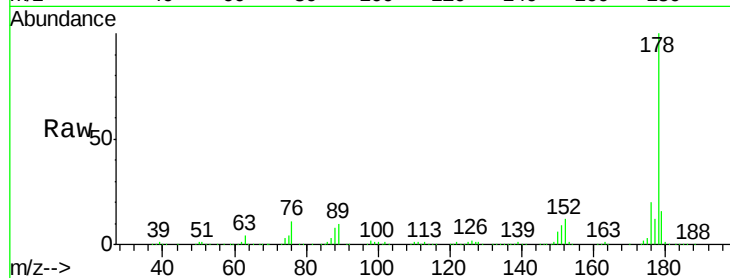




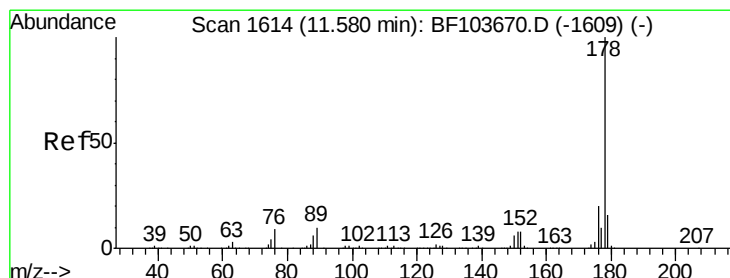
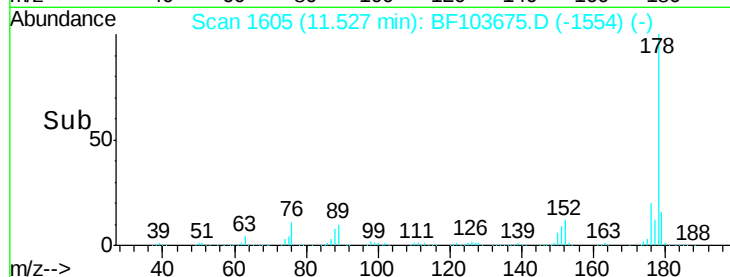
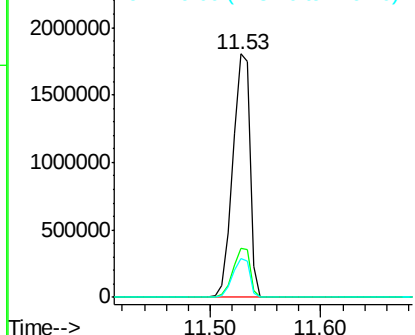
#70
Phenanthrene
Concen: 63.925 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 1979288
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 16.1 13.0 19.6

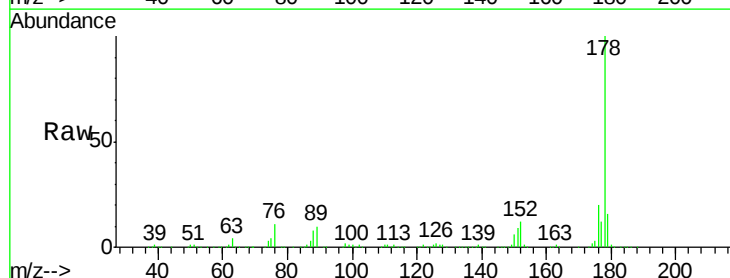


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

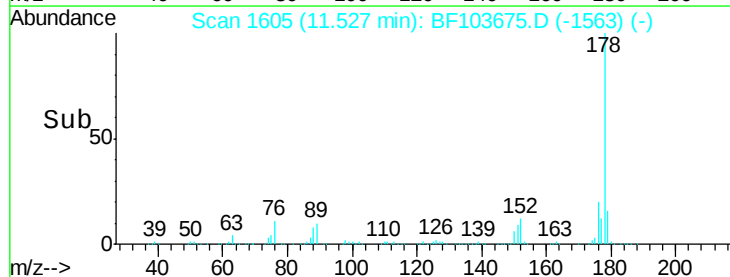
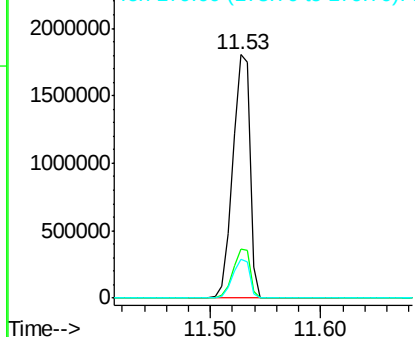


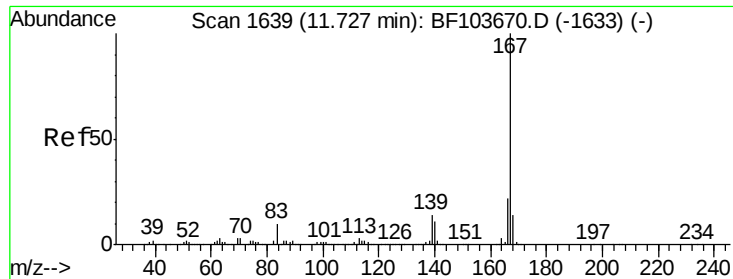
#71
Anthracene
Concen: 62.939 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.05 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion:178 Resp: 1979288
Ion Ratio Lower Upper
178 100
176 20.3 15.4 23.2
179 16.1 12.6 19.0



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





#72

Carbazole

Concen: 0.015 ng

RT: 11.72 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

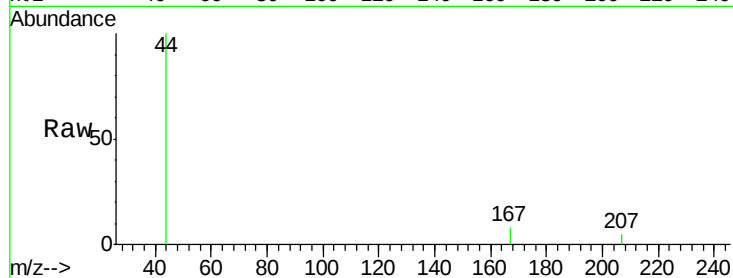
Tot Ion:167 Resp: 455

Ion Ratio Lower Upper

167 100

166 0.0 17.6 26.4#

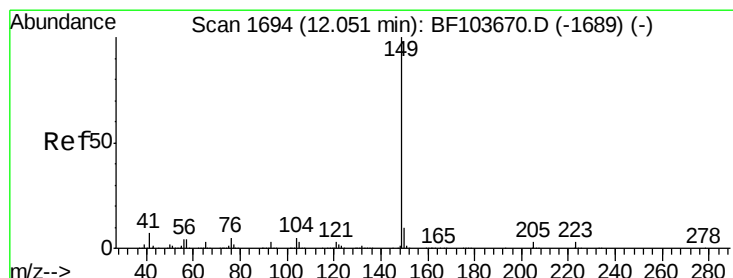
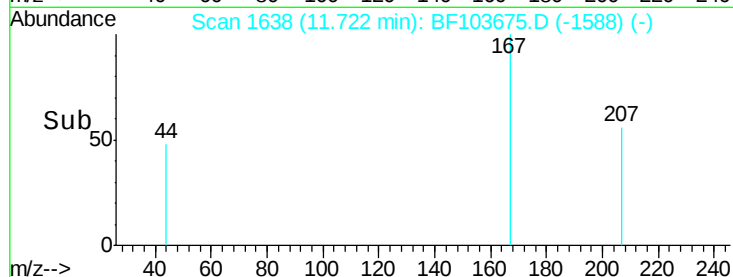
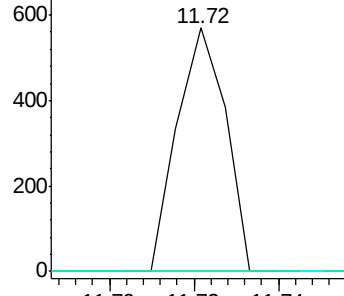
139 0.0 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 95.046 ng

RT: 12.06 min Scan# 1696

Delta R.T. 0.01 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

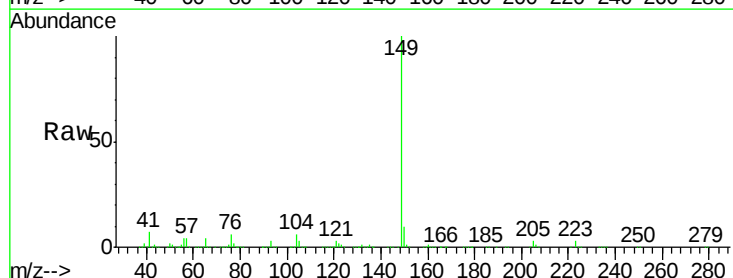
Tgt Ion:149 Resp: 3485824

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

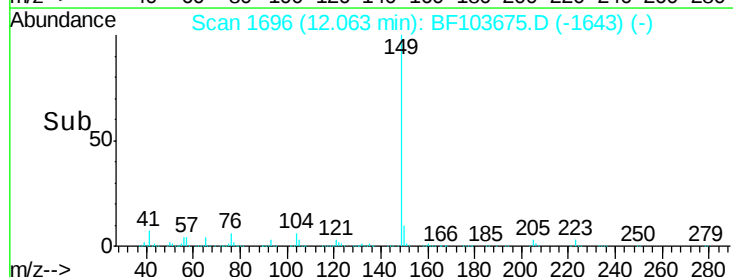
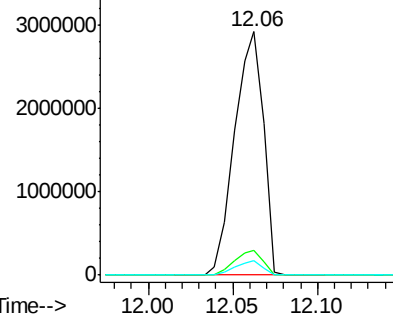
104 5.8 3.8 5.8#

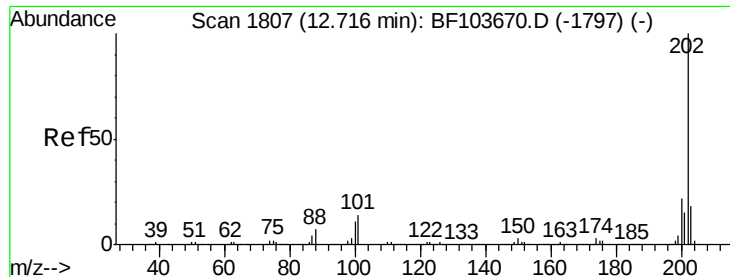


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

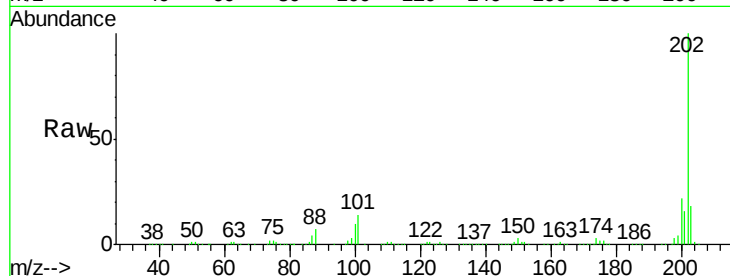




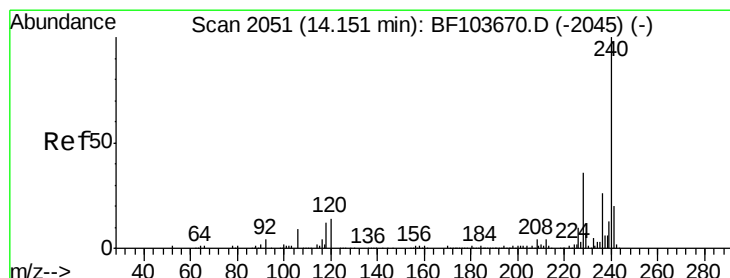
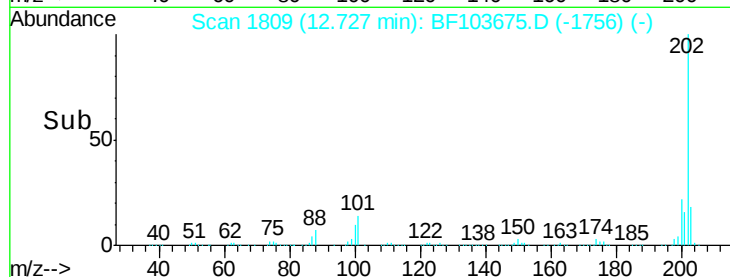
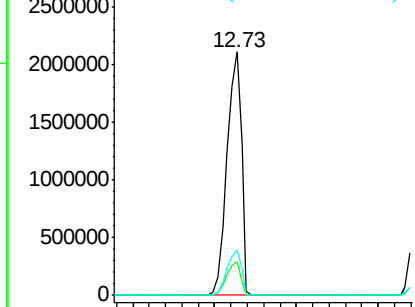
#74
 Fluoranthene
 Concen: 80.881 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: BF103675.D
 Acq: 15 Mar 2018 18:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 2579992
 Ion Ratio Lower Upper
 202 100
 101 13.6 0.0 34.1
 203 18.4 0.0 38.1

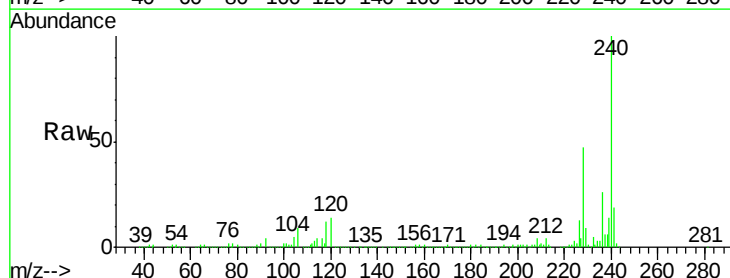


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

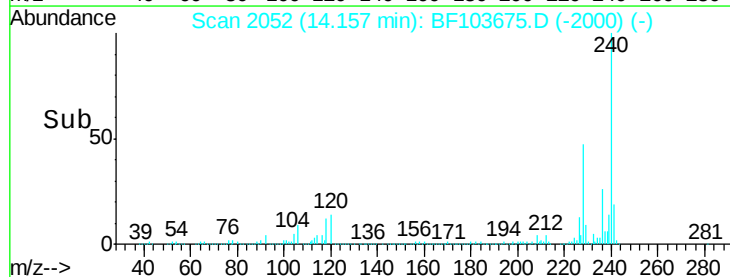
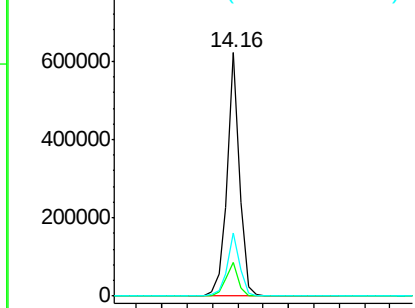


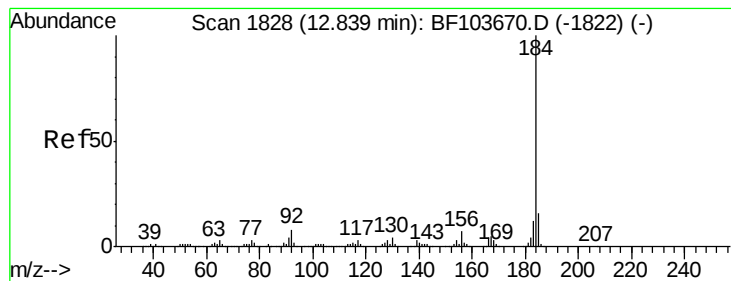
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. 0.01 min
 Lab File: BF103675.D
 Acq: 15 Mar 2018 18:28

Tgt Ion:240 Resp: 421744
 Ion Ratio Lower Upper
 240 100
 120 13.8 9.5 14.3
 236 25.9 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: 1.284 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.25 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

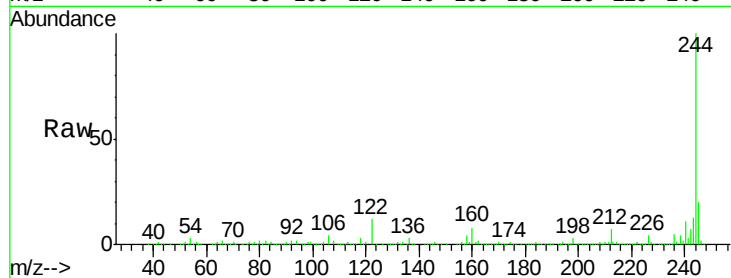
Tot Ion:184 Resp: 23102

Ion Ratio Lower Upper

184 100

185 17.8 12.6 18.8

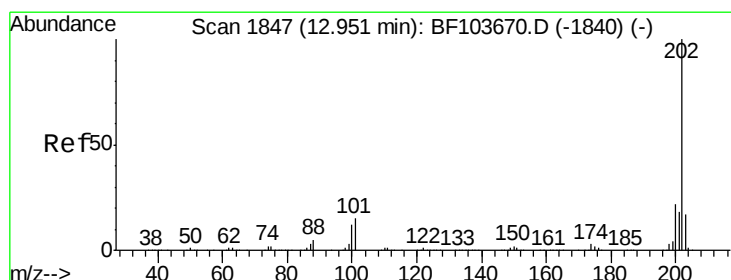
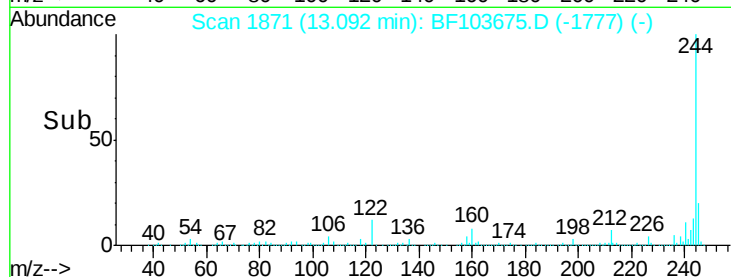
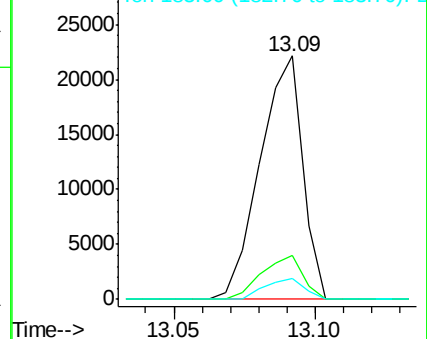
183 8.5 9.3 13.9#



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

Pyrene

Concen: 54.844 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

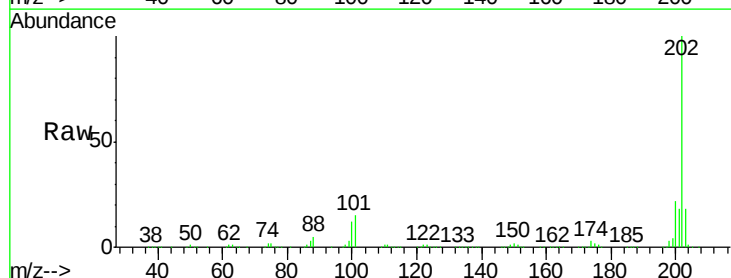
Tgt Ion:202 Resp: 1698660

Ion Ratio Lower Upper

202 100

200 22.4 17.4 26.2

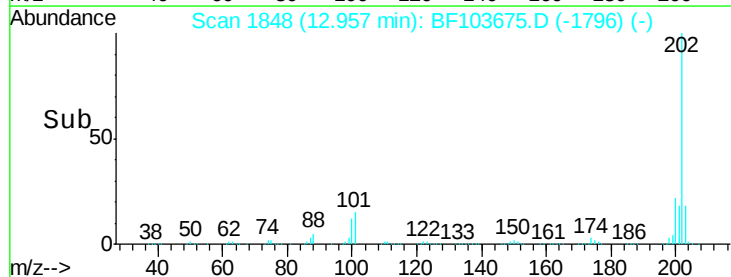
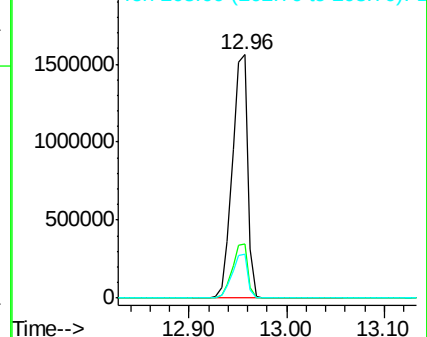
203 18.0 14.3 21.5

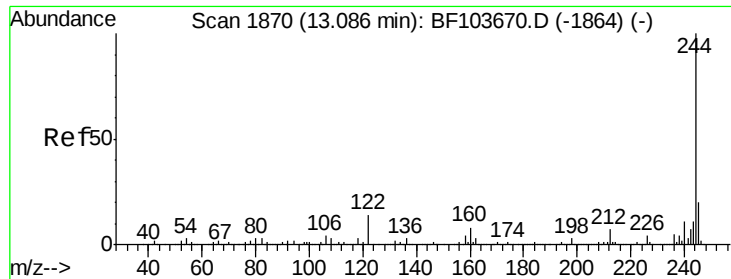


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

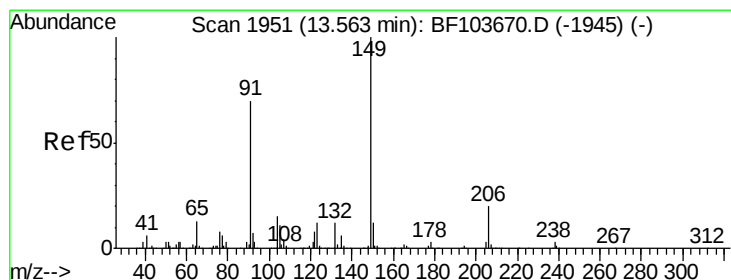
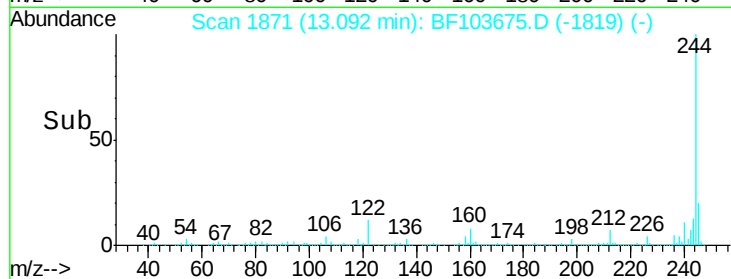
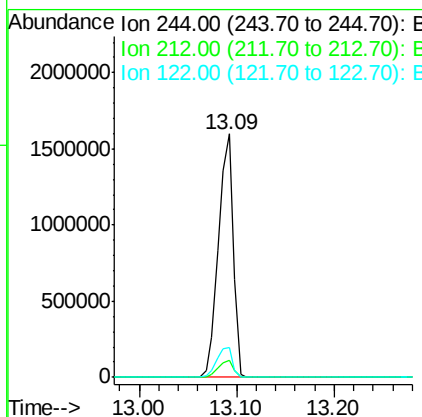
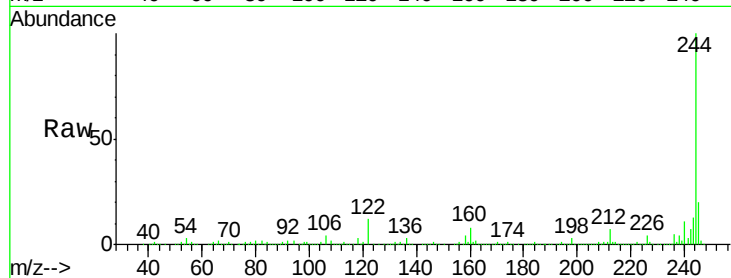




#78
 Terphenyl-d14
 Concen: 92.921 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF103675.D
 Acq: 15 Mar 2018 18:28

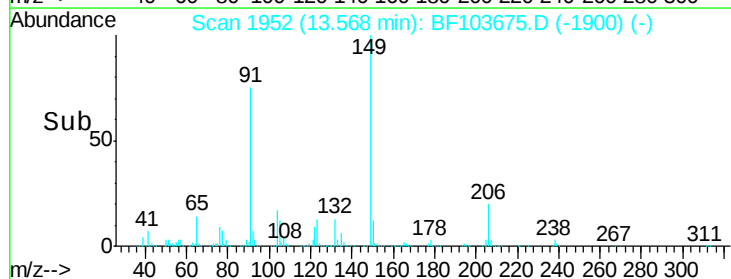
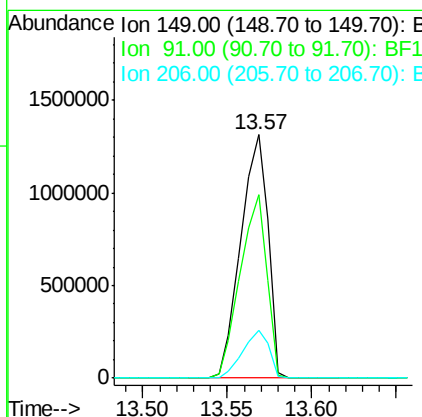
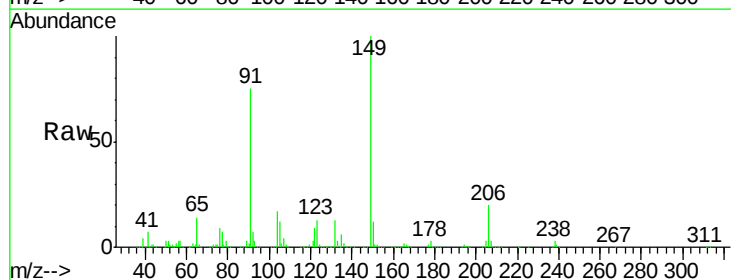
Instrument :
 BNA_F
 ClientSampleId :

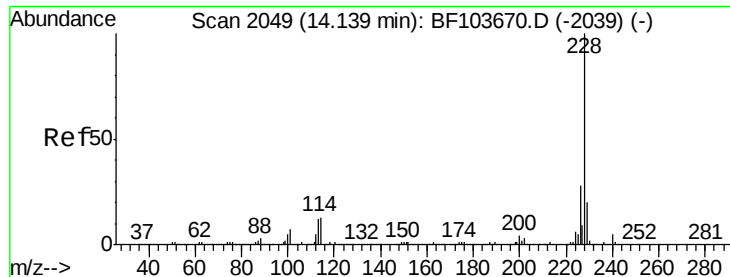
Tot Ion:244 Resp: 1688348
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.4 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 107.857 ng
 RT: 13.57 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: BF103675.D
 Acq: 15 Mar 2018 18:28

Tgt Ion:149 Resp: 1480071
 Ion Ratio Lower Upper
 149 100
 91 75.2 56.8 85.2
 206 19.8 14.1 21.1





#80

Benzo(a)anthracene

Concen: 67.256 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.01 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

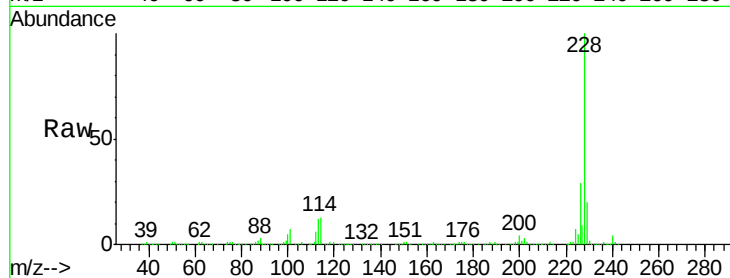
Tot Ion:228 Resp: 1795480

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

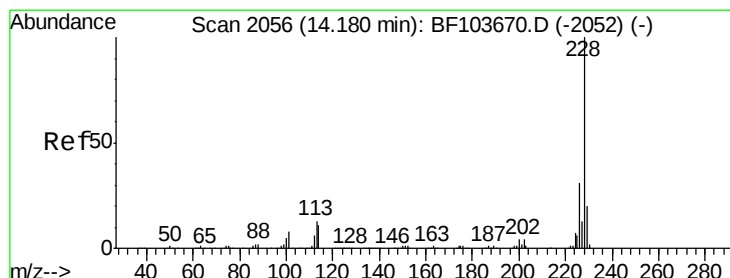
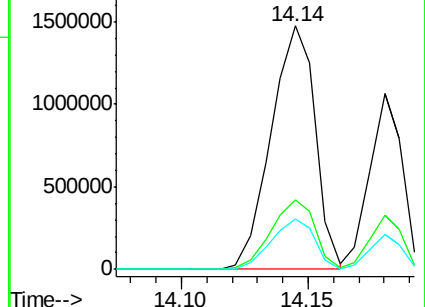
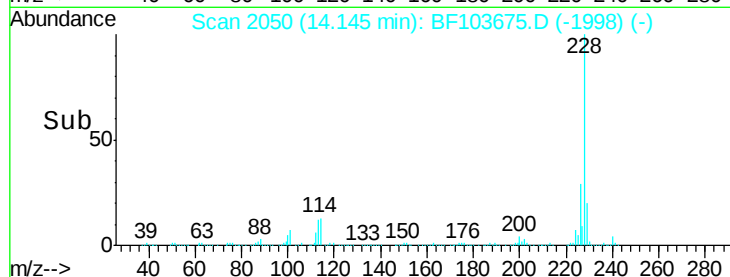
229 20.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 37.735 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

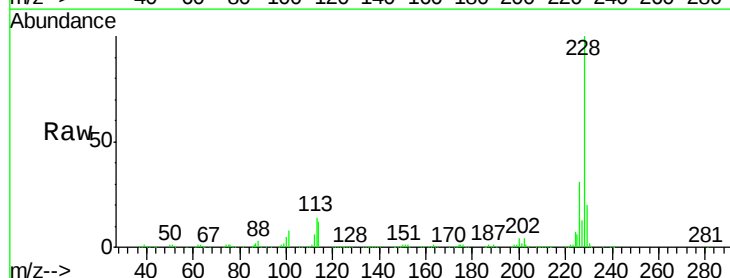
Tgt Ion:228 Resp: 960286

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

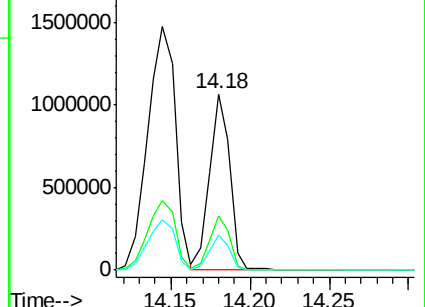
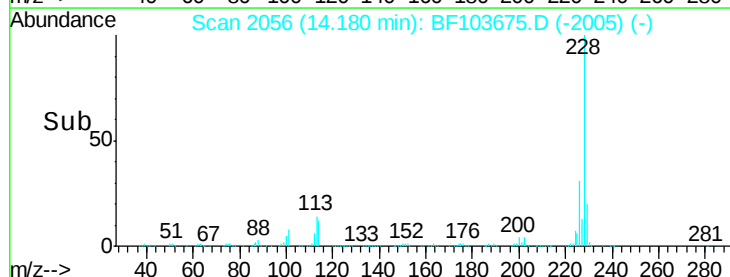
229 20.0 16.2 24.4

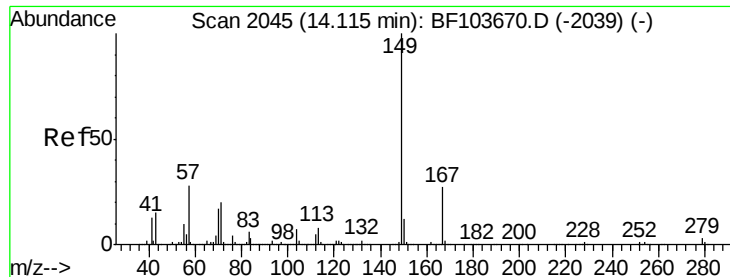


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.076 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

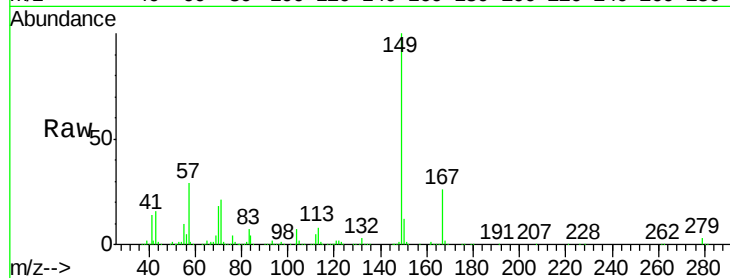
Tot Ion:149 Resp: 883659

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

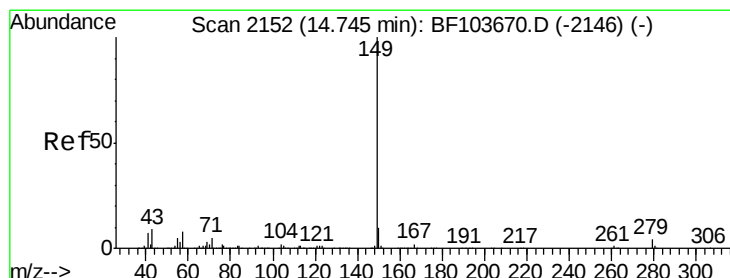
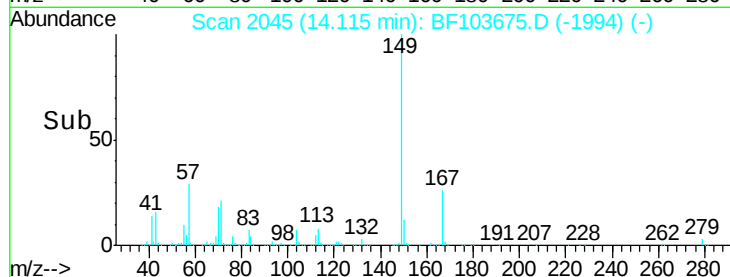
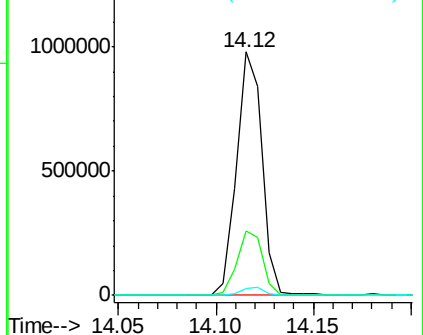
279 2.9 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 0.020 ng

RT: 14.90 min Scan# 2179

Delta R.T. 0.16 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

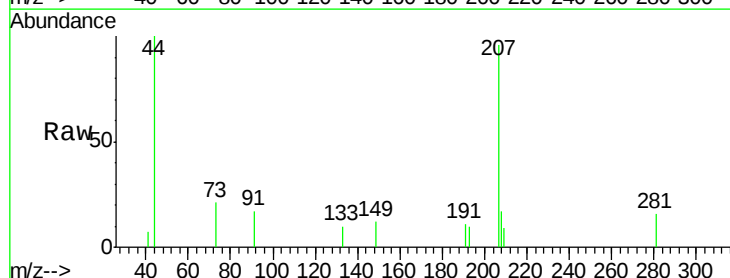
Tgt Ion:149 Resp: 568

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

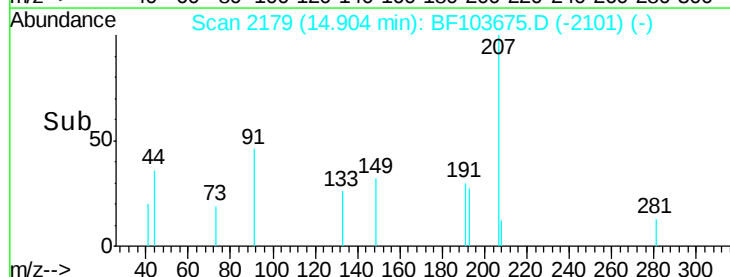
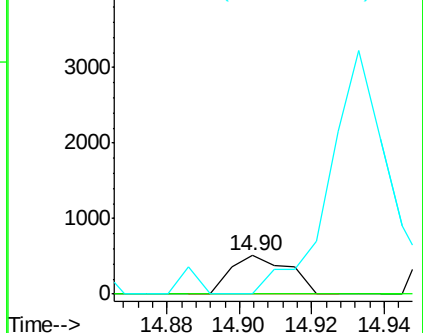
43 22.7 8.4 12.6#

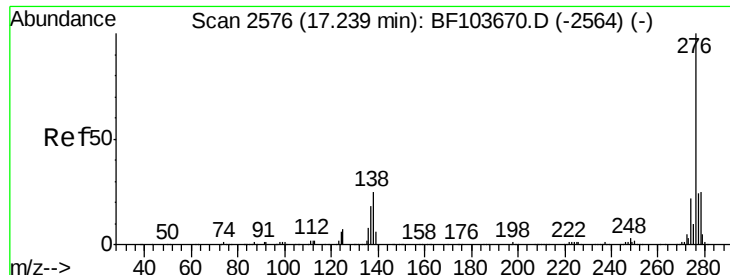


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

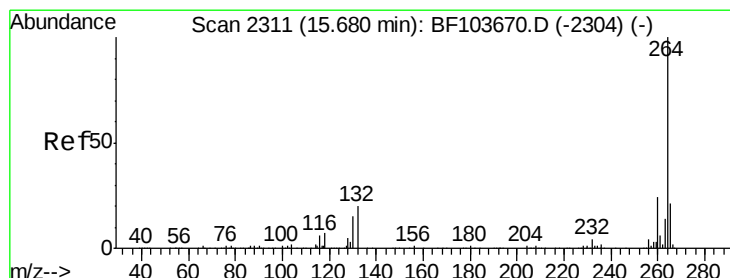
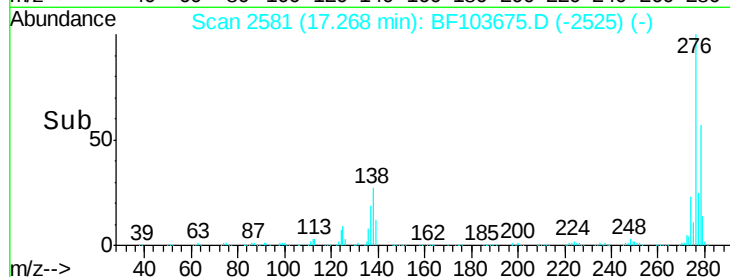
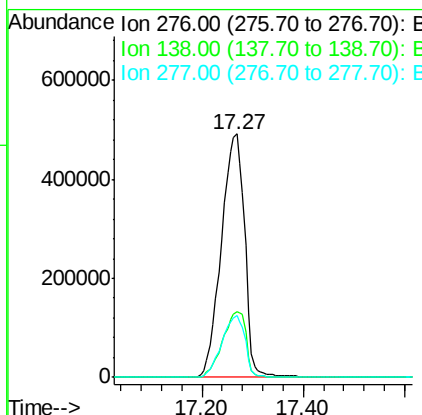
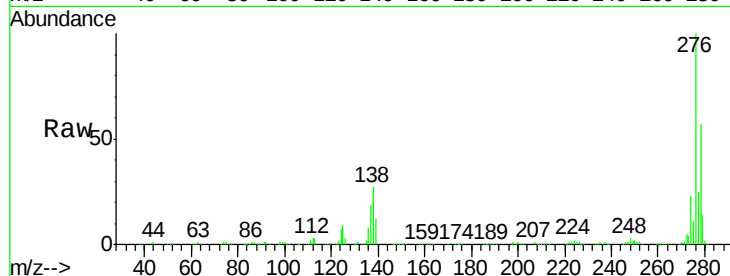




#85
Indeno(1,2,3-cd)pyrene
Concen: 70.638 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.03 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

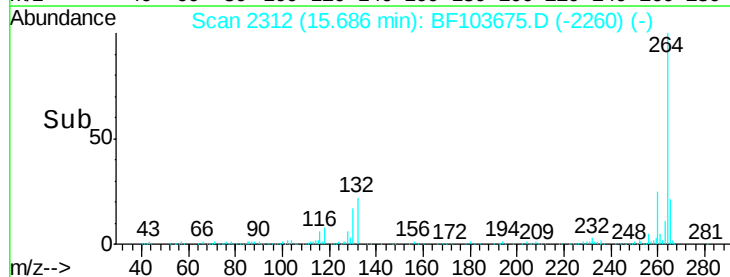
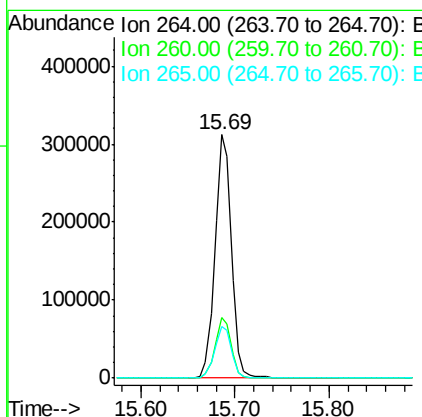
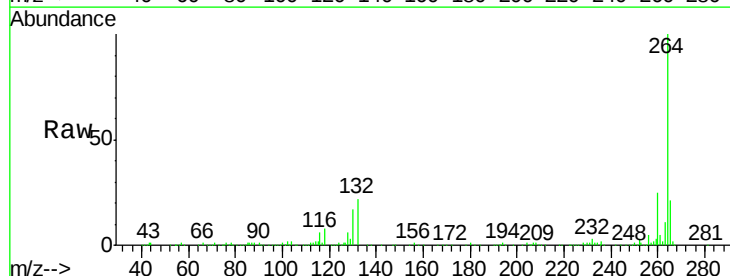
Instrument :
BNA_F
ClientSampleId :

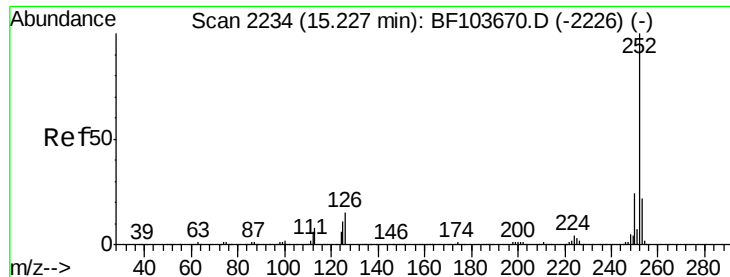
Tot Ion:276 Resp: 1569860
Ion Ratio Lower Upper
276 100
138 27.4 25.0 37.6
277 25.3 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.01 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion:264 Resp: 384104
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 21.3 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 79.779 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.01 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

Instrument :

BNA_F

ClientSampleId :

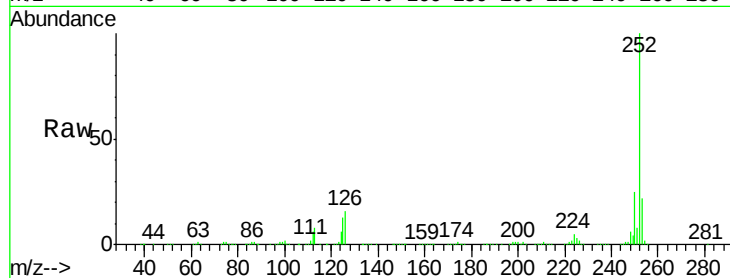
Tot Ion:252 Resp: 1935977

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

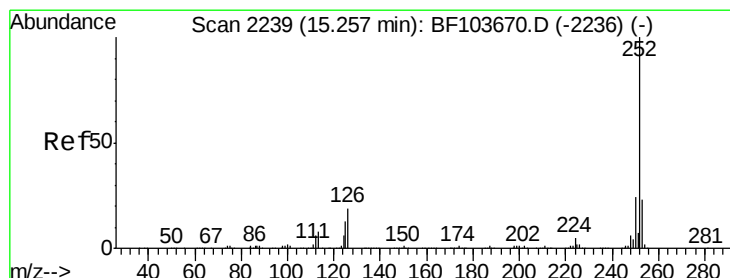
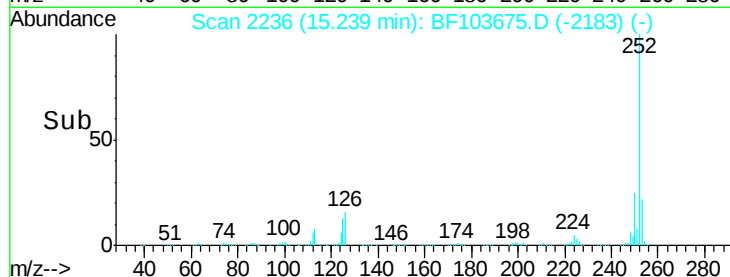
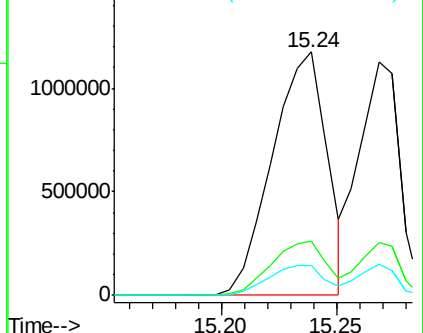
125 12.5 9.0 13.6



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: 60.025 ng

RT: 15.27 min Scan# 2241

Delta R.T. 0.01 min

Lab File: BF103675.D

Acq: 15 Mar 2018 18:28

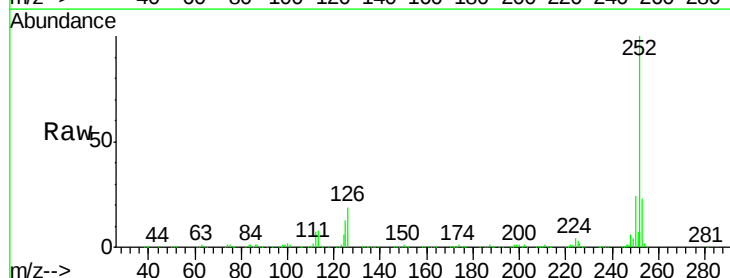
Tgt Ion:252 Resp: 1400194

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

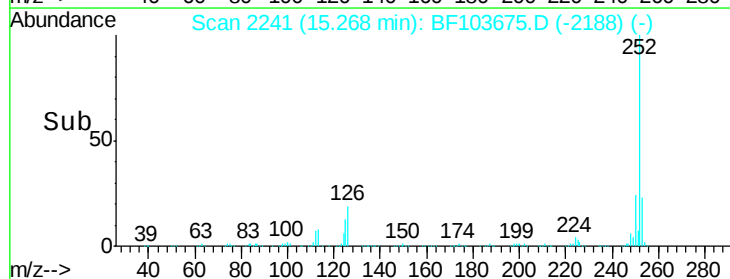
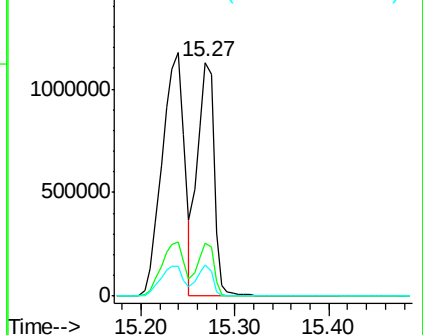
125 13.2 10.2 15.2

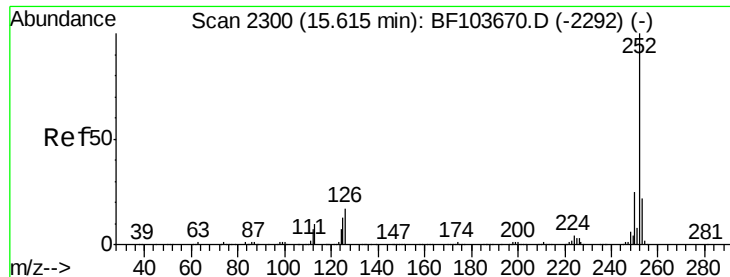


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

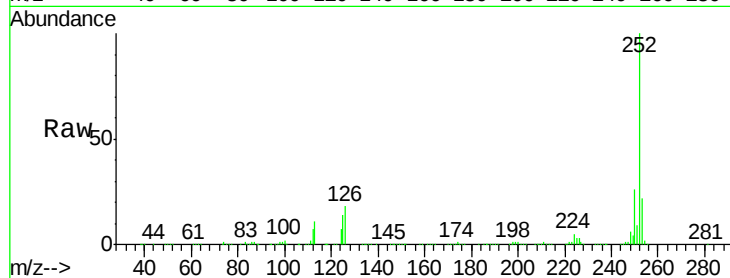




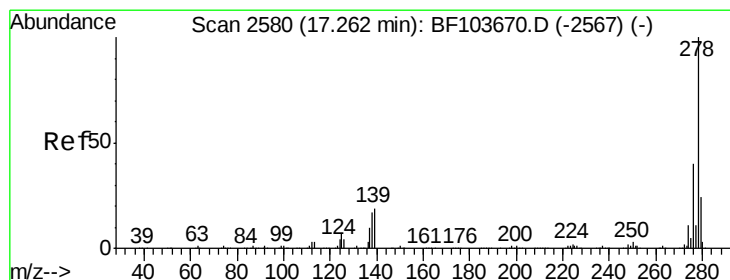
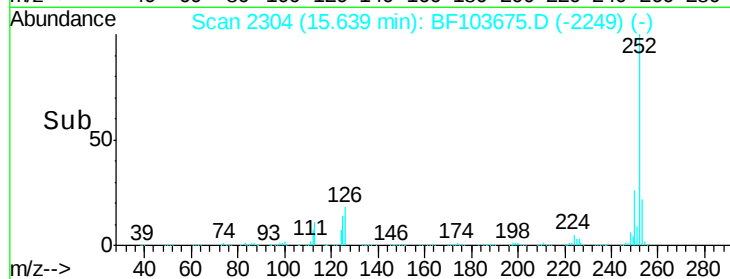
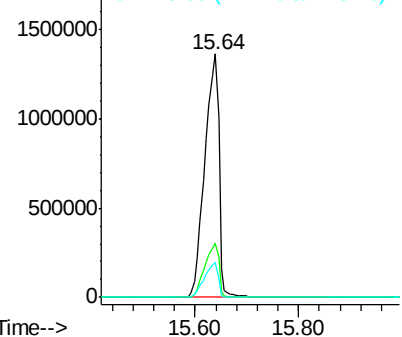
#89
Benzo(a)pyrene
Concen: 117.419 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.02 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 2584413
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 14.3 9.8 14.6

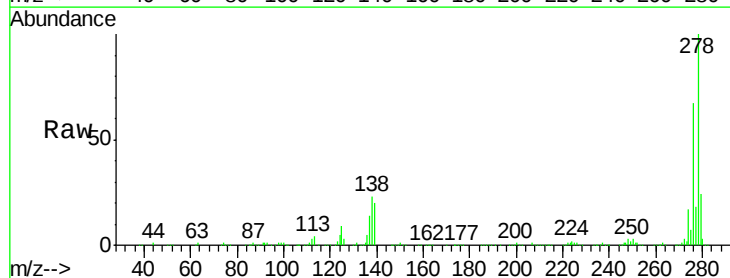


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

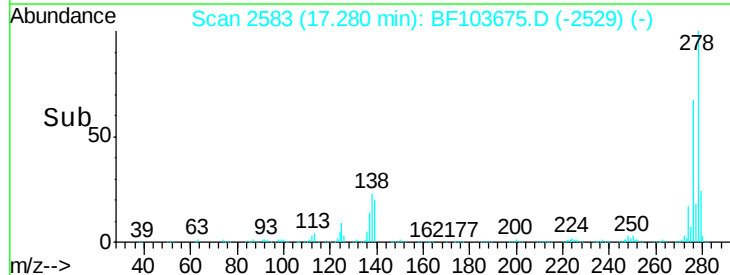
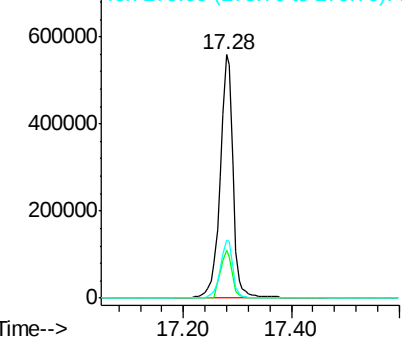


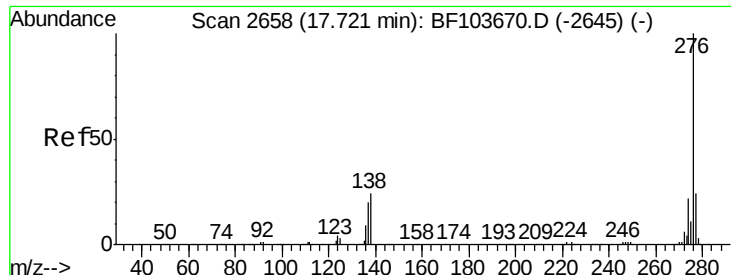
#90
Dibenzo(a,h)anthracene
Concen: 49.662 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.02 min
Lab File: BF103675.D
Acq: 15 Mar 2018 18:28

Tgt Ion:278 Resp: 946478
Ion Ratio Lower Upper
278 100
139 19.7 15.9 23.9
279 24.0 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

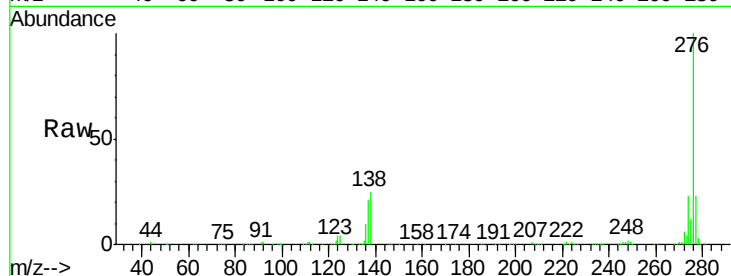




#91
 Benzo(a,h,i)perylene
 Concen: 59.122 ng
 RT: 17.74 min Scan# 2661
 Delta R.T. 0.02 min
 Lab File: BF103675.D
 Acq: 15 Mar 2018 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1096174
 Ion Ratio Lower Upper
 276 100
 277 23.1 17.9 26.9
 138 25.5 21.8 32.8



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

