

Data Path : U:\HPCHEM1\BNA F\DATA\BF011918\
 Data File : BF102232.D
 Acq On : 19 Jan 2018 22:25
 Operator : SJ/JU
 Sample : J1183-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 00:22:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	138804	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	505427	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	218540	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	323538	20.00	ng	0.00
75) Chrysene-d12	13.88	240	233031	20.00	ng	0.00
86) Perylene-d12	15.30	264	264845	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	419573	42.68	ng	0.00
7) Phenol-d6	6.36	99	374976	31.97	ng	-0.01
23) Nitrobenzene-d5	7.29	82	682184	79.31	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	174737	91.62	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1208626	86.40	ng	0.00
78) Terphenyl-d14	12.83	244	721991	64.33	ng	0.00

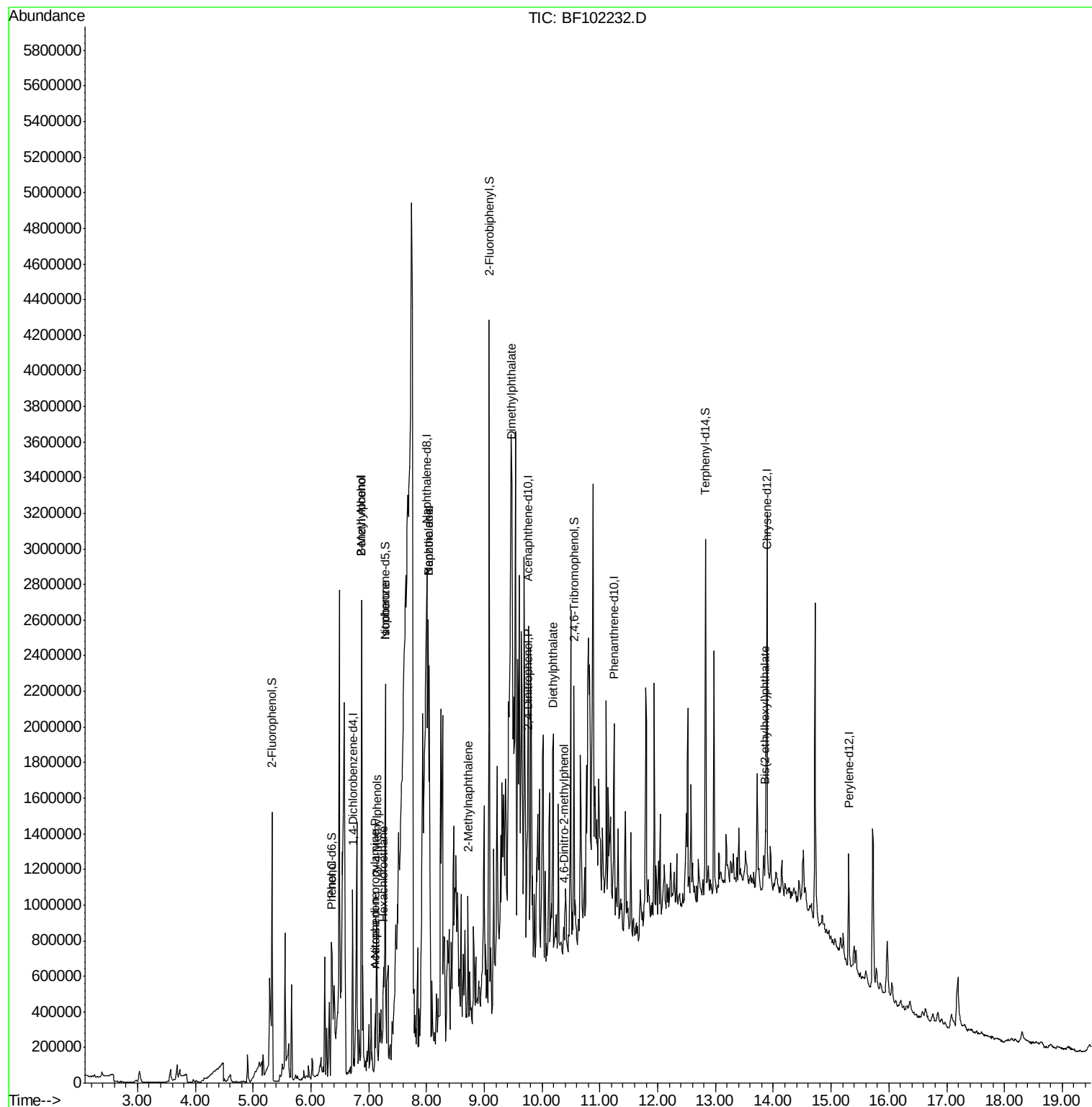
Target Compounds				Qvalue		
10) Phenol	6.37	94	133589	10.079	ng	92
15) Benzyl Alcohol	6.87	79	80461	9.379	ng	95
17) 2-Methylphenol	6.87	107	39552	4.447	ng	# 1
18) Hexachloroethane	7.25	117	30844	7.724	ng	# 1
19) n-Nitroso-di-n-propylamine	7.11	70	18172	2.364	ng	# 62
20) 3+4-Methylphenols	7.14	107	189587	17.755	ng	87
22) Acetophenone	7.12	105	54060	4.439	ng	# 59
25) Isophorone	7.29	82	677896	39.889	ng	# 64
31) Naphthalene	8.03	128	141168	5.590	ng	98
32) Benzoic acid	8.03	122	1207542	220.427	ng	99
37) 2-Methylnaphthalene	8.72	142	214376	12.894	ng	99
49) Dimethylphthalate	9.48	163	75488	4.306	ng	# 95
53) 2,4-Dinitrophenol	9.75	184	271	8.838	ng	# 1
59) Diethylphthalate	10.18	149	115593	6.628	ng	98
64) 4,6-Dinitro-2-methylphenol	10.37	198	224	5.775	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.86	149	87808	8.097	ng	97

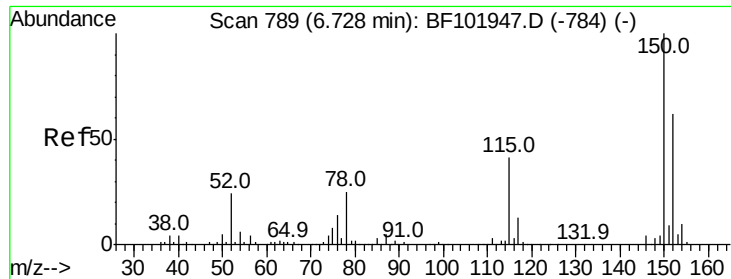
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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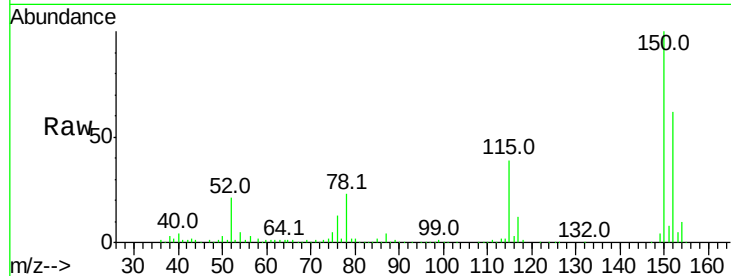


#1

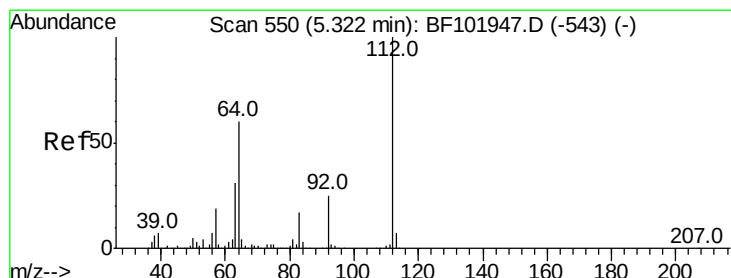
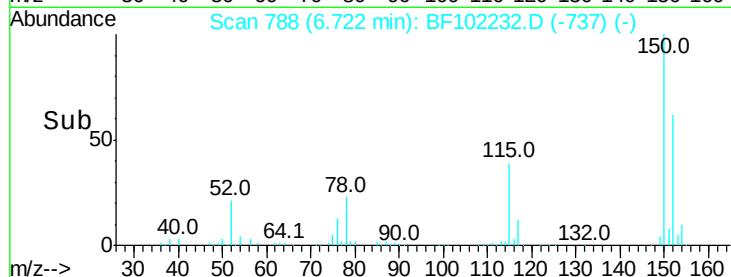
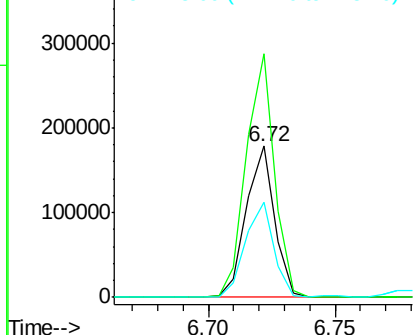
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138804
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 63.0 50.1 75.1



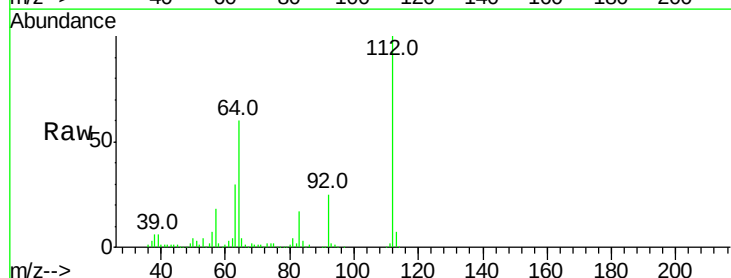
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



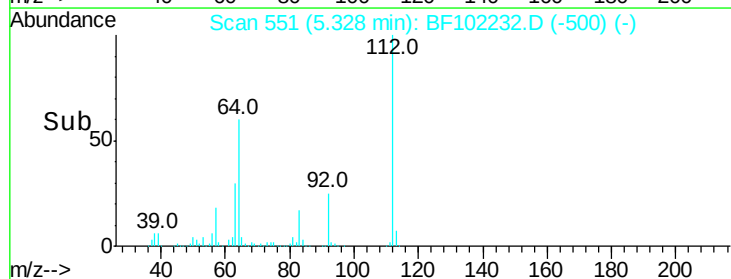
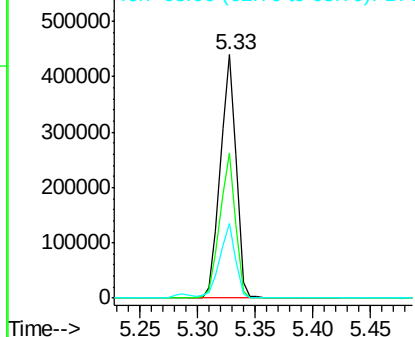
#5

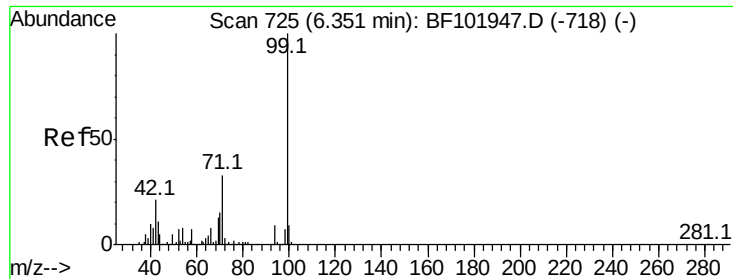
2-Fluorophenol
Concen: 42.684 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

Tgt Ion:112 Resp: 419573
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 30.5 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





#7

Phenol-d6

Concen: 31.973 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102232.D

Acq: 19 Jan 2018 22:25

Instrument :

BNA_F

ClientSampleId :

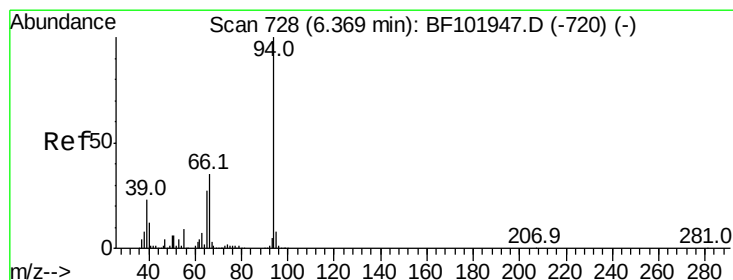
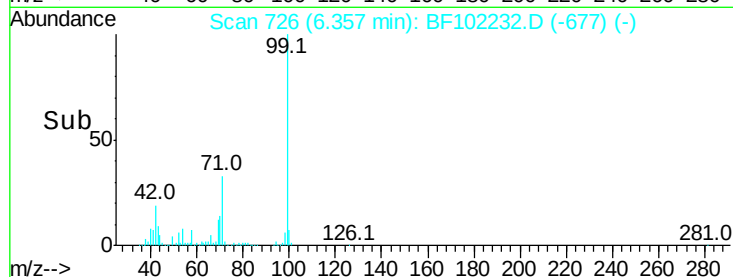
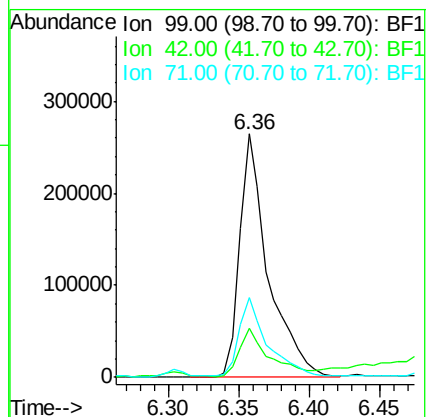
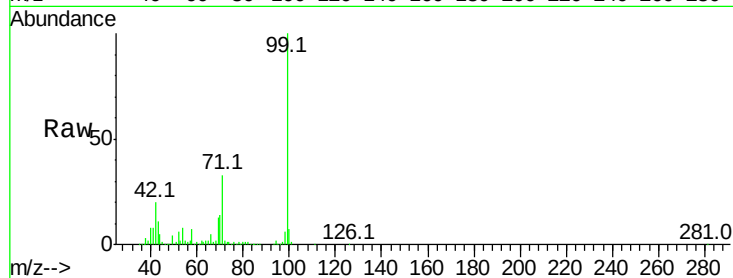
Tot Ion: 99 Resp: 374976

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 33.0 25.4 38.0



#10

Phenol

Concen: 10.079 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102232.D

Acq: 19 Jan 2018 22:25

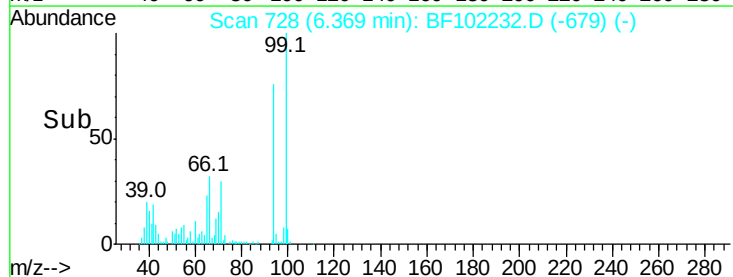
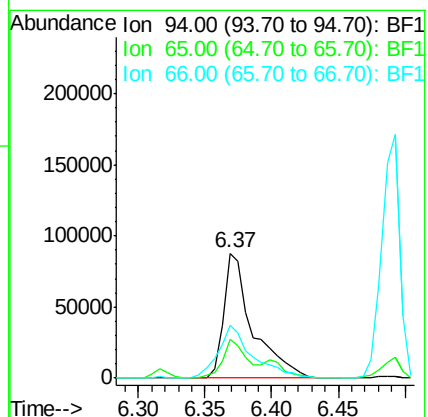
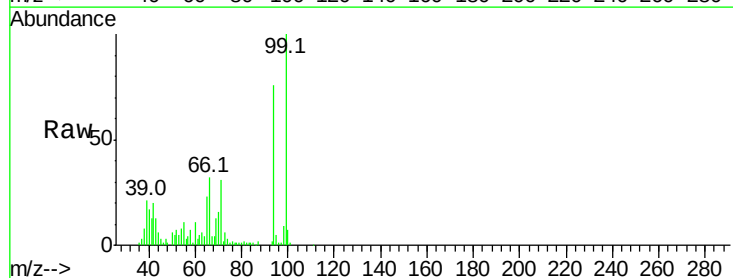
Tgt Ion: 94 Resp: 133589

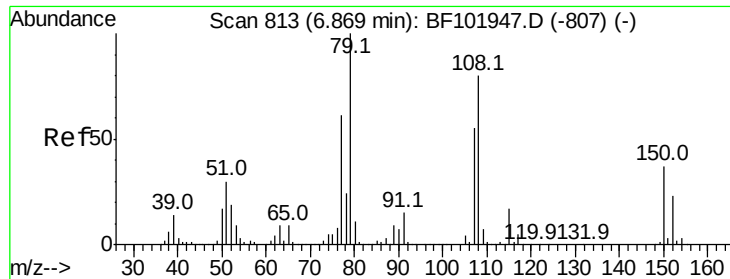
Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

66 42.4 16.2 56.2

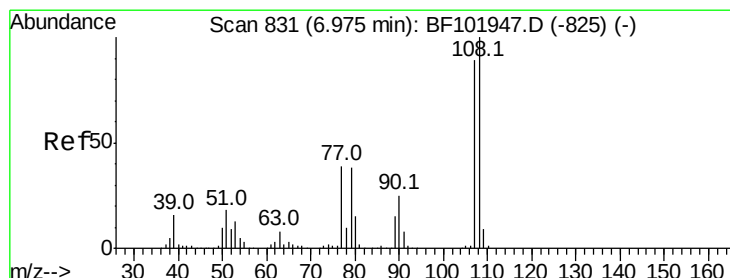
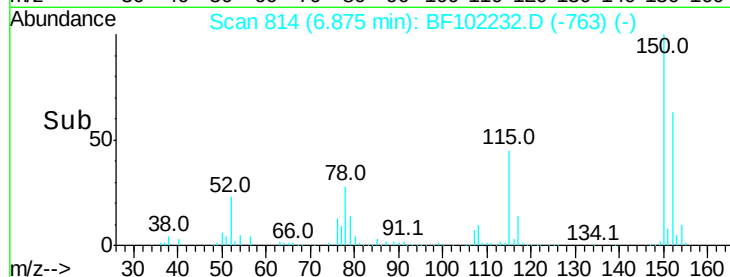
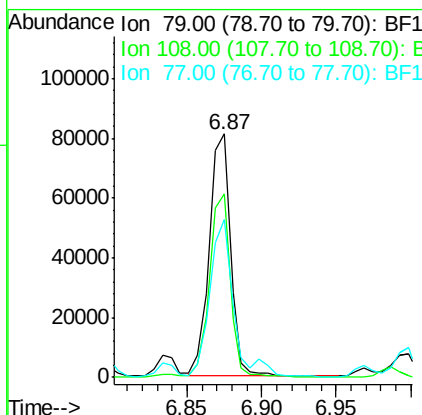
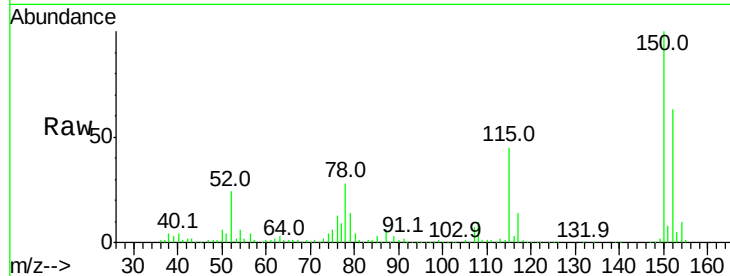




#15
Benzyl Alcohol
Concen: 9.379 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

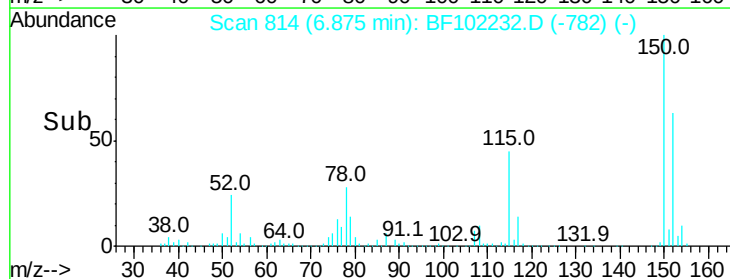
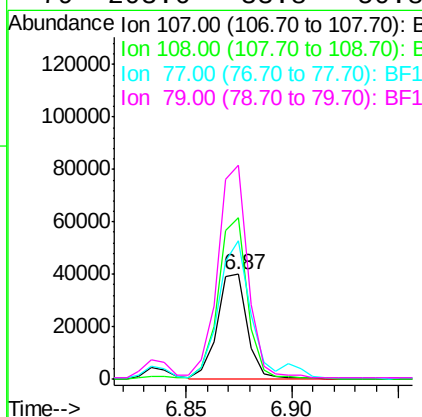
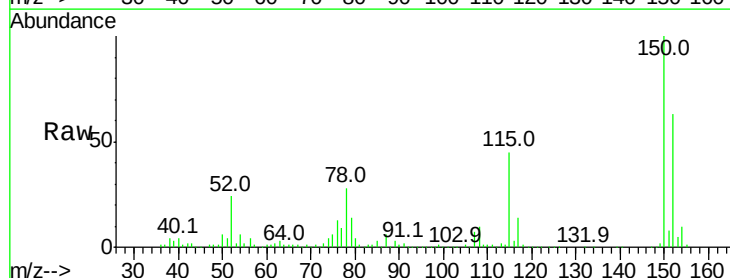
Instrument :
BNA_F
ClientSampleId :

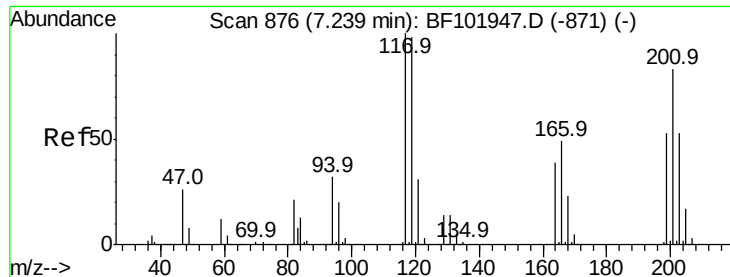
Tot Ion: 79 Resp: 80461
Ion Ratio Lower Upper
79 100
108 75.3 65.1 97.7
77 64.6 50.6 75.8



#17
2-Methylphenol
Concen: 4.447 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.11 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

Tgt Ion: 107 Resp: 39552
Ion Ratio Lower Upper
107 100
108 153.4 91.7 137.5#
77 131.5 33.8 50.8#
79 203.6 33.8 50.8#





#18

Hexachloroethane

Concen: 7.724 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.02 min

Lab File: BF102232.D

Acq: 19 Jan 2018 22:25

Instrument :

BNA_F

ClientSampleId :

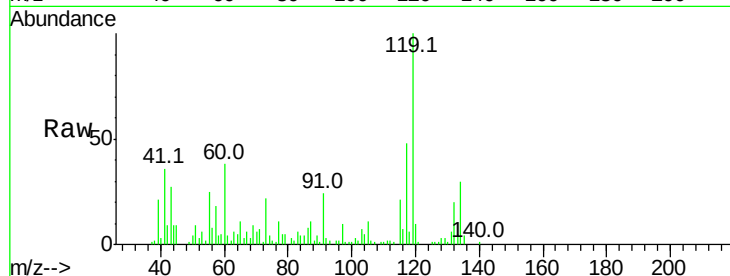
Tot Ion:117 Resp: 30844

Ion Ratio Lower Upper

117 100

119 206.9 75.8 113.8#

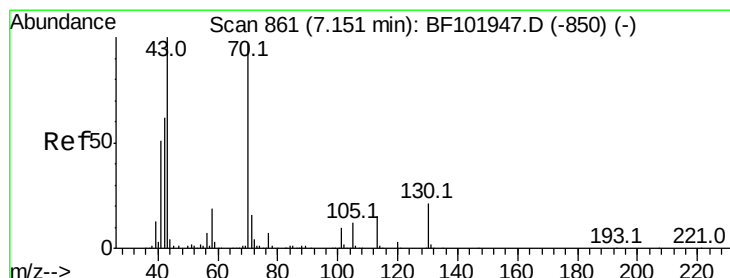
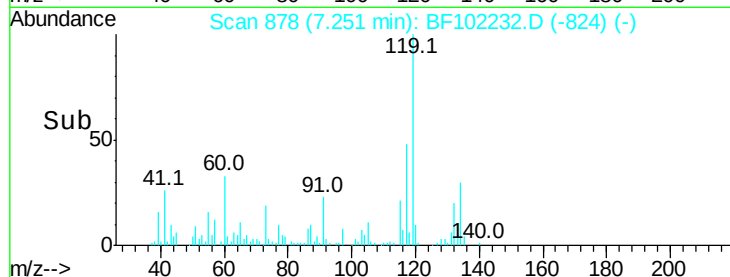
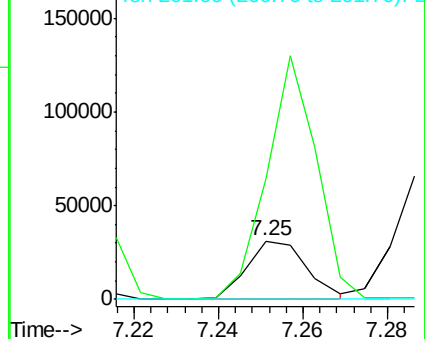
201 0.0 75.7 113.5#



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: 2.364 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.04 min

Lab File: BF102232.D

Acq: 19 Jan 2018 22:25

Tgt Ion: 70 Resp: 18172

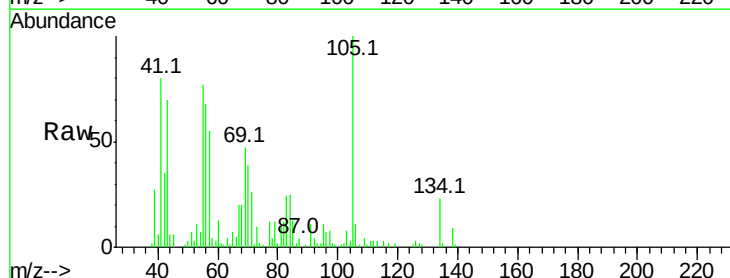
Ion Ratio Lower Upper

70 100

42 88.9 47.5 71.3#

101 2.8 7.4 11.2#

130 0.0 16.6 25.0#

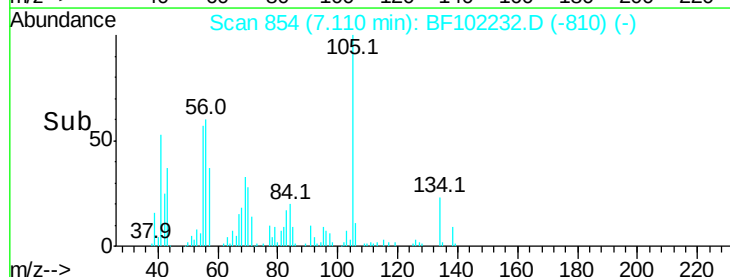
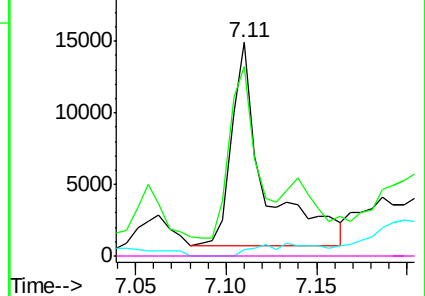


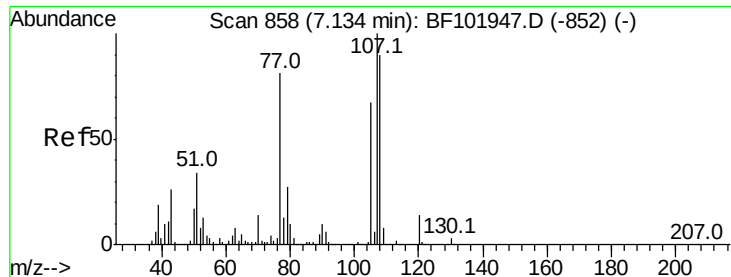
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 17.755 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF102232.D

Acq: 19 Jan 2018 22:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 189587

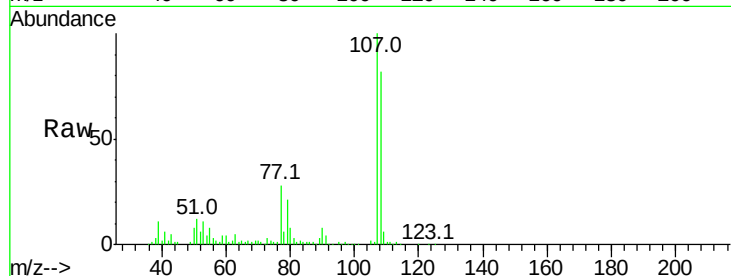
Ion Ratio Lower Upper

107 100

108 81.7 68.2 108.2

77 28.3 26.7 66.7

79 21.1 6.3 46.3

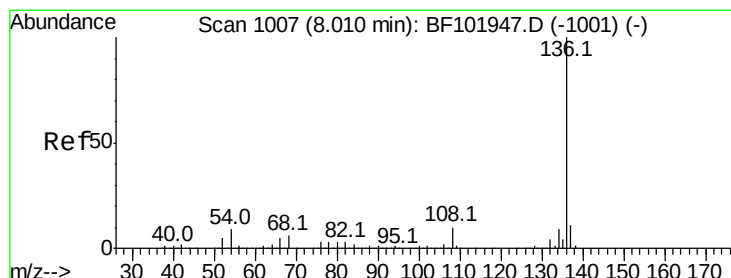
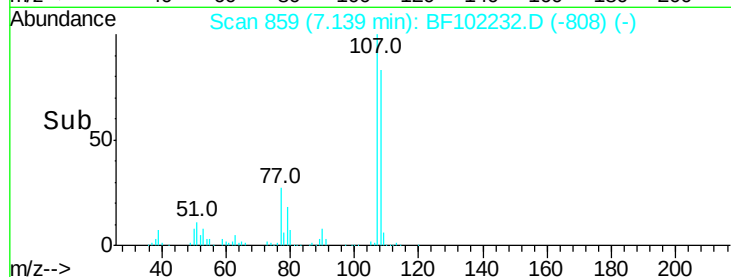
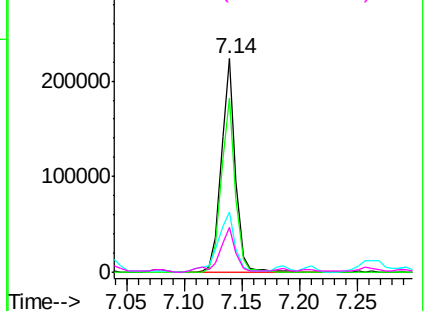


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF102232.D

Acq: 19 Jan 2018 22:25

Tgt Ion:136 Resp: 505427

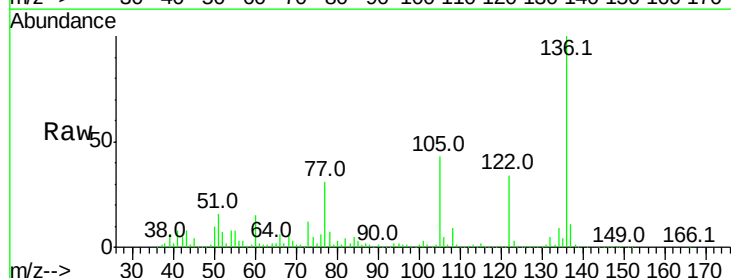
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.5 6.6 9.8

68 6.1 5.0 7.4

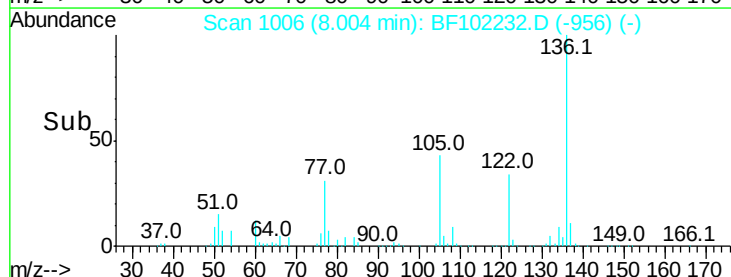
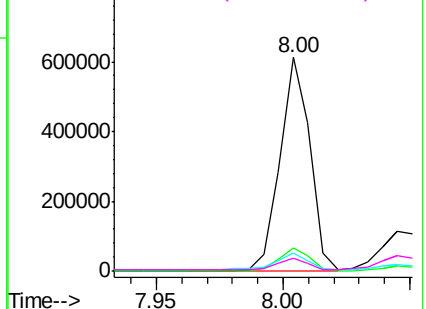


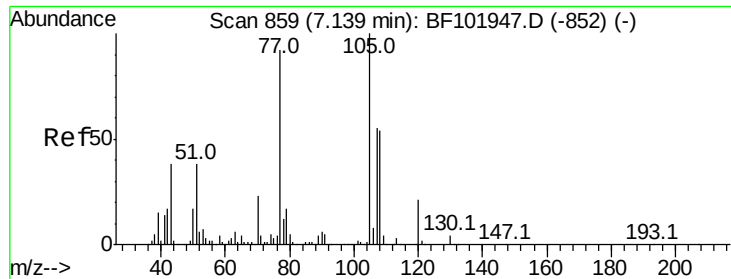
Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.439 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF102232.D

Acq: 19 Jan 2018 22:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 54060

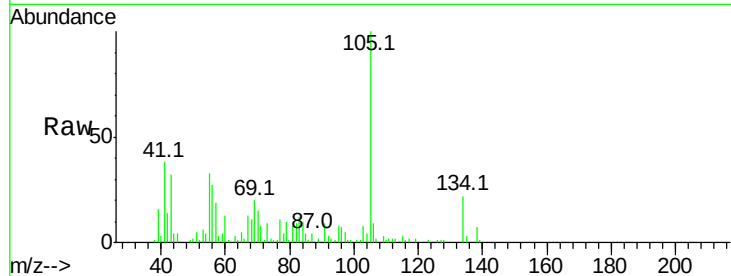
Ion Ratio Lower Upper

105 100

71 8.3 4.4 6.6#

51 4.8 22.3 33.5#

120 0.0 16.9 25.3#

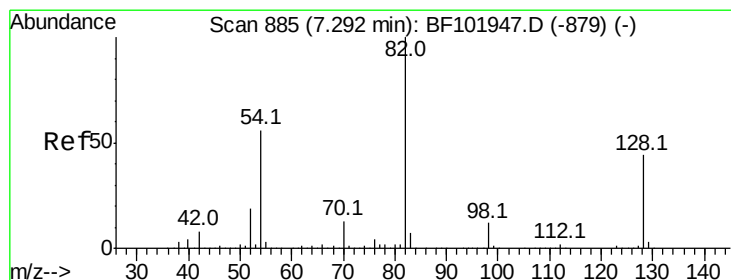
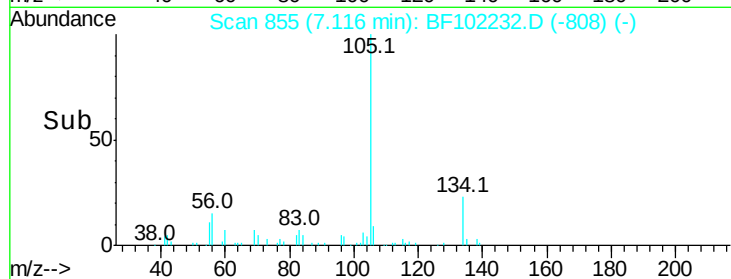
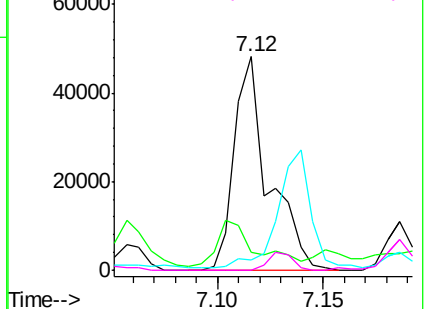


Abundance Ion 105.00 (104.70 to 105.70): E

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: 79.315 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF102232.D

Acq: 19 Jan 2018 22:25

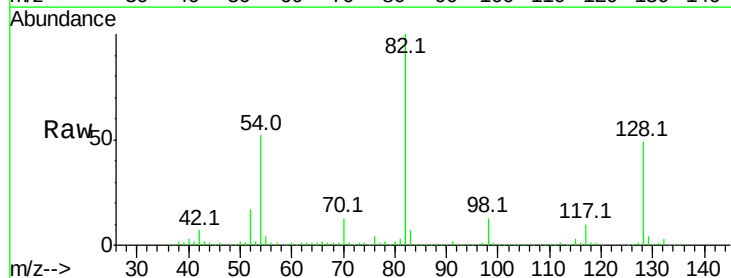
Tgt Ion: 82 Resp: 682184

Ion Ratio Lower Upper

82 100

128 48.6 36.1 54.1

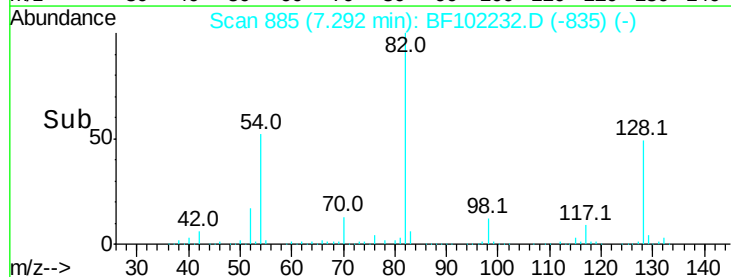
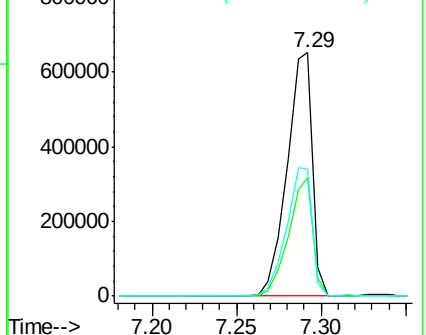
54 52.0 41.4 62.2

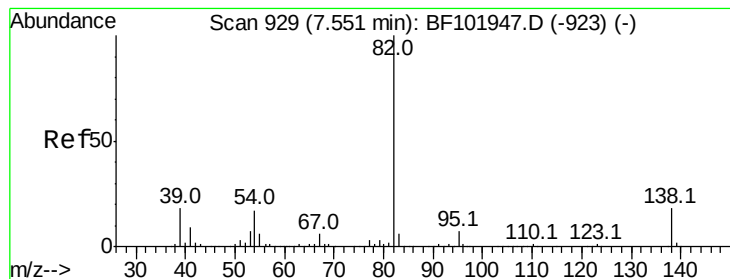


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.889 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF102232.D

Acq: 19 Jan 2018 22:25

Instrument :

BNA_F

ClientSampled :

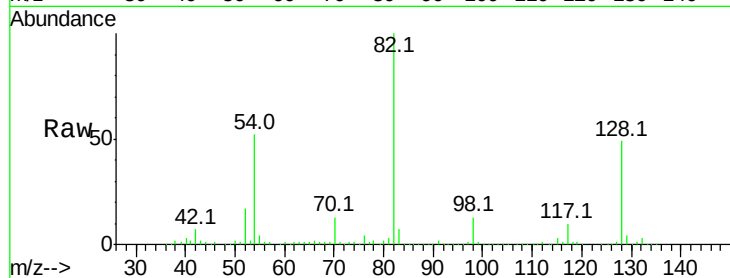
Tot Ion: 82 Resp: 677896

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

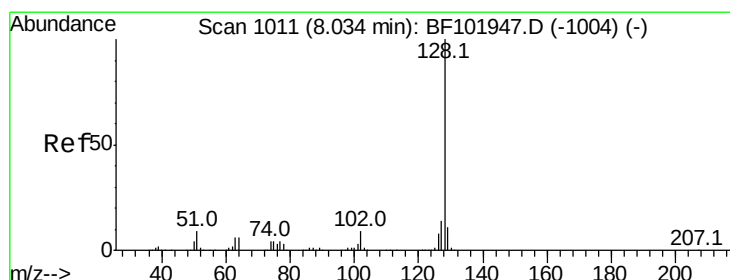
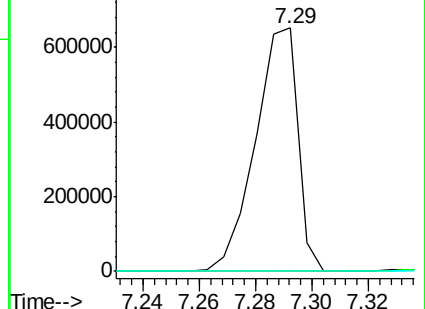
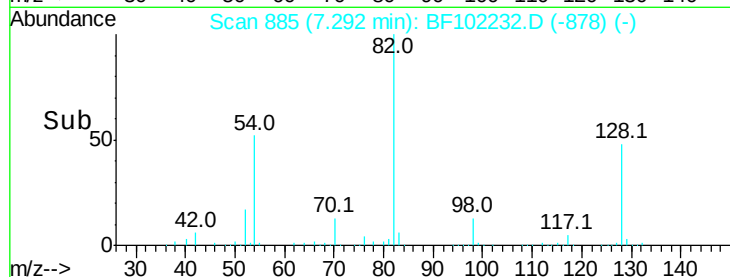
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 5.590 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF102232.D

Acq: 19 Jan 2018 22:25

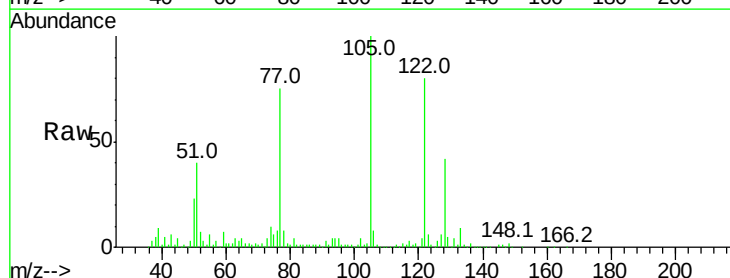
Tgt Ion: 128 Resp: 141168

Ion Ratio Lower Upper

128 100

129 12.4 8.8 13.2

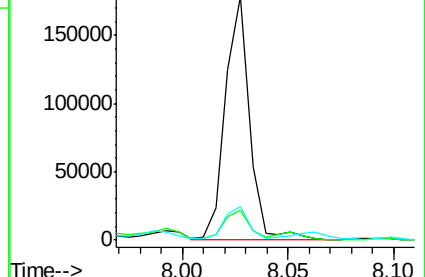
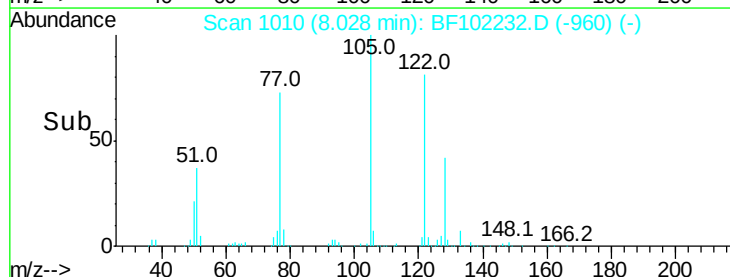
127 13.8 10.9 16.3

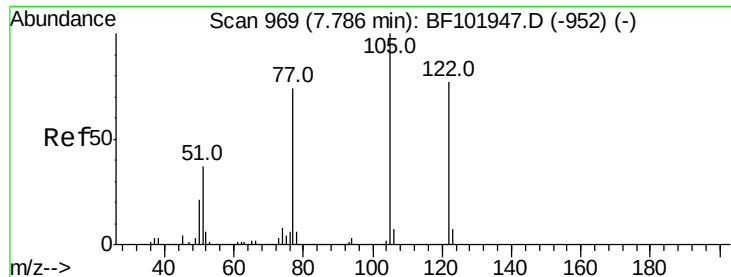


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

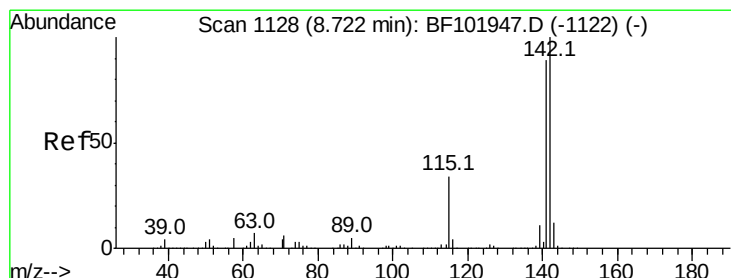
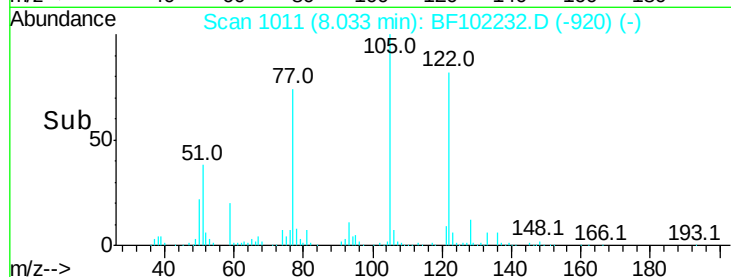
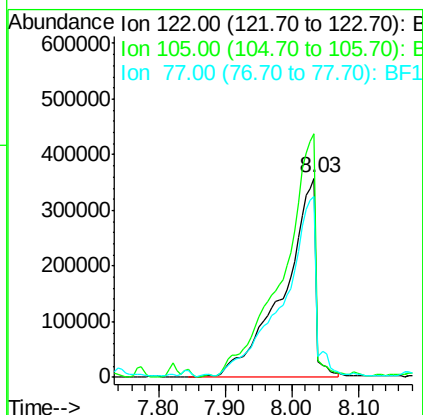
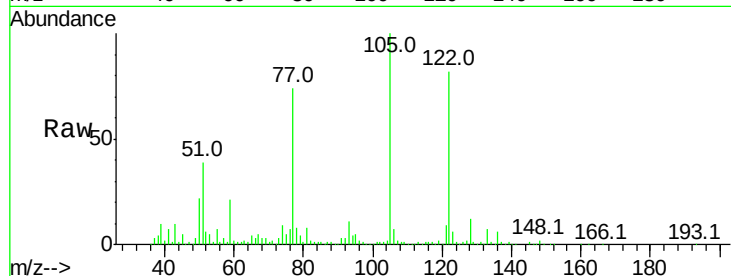




#32
Benzoic acid
Concen: 220.427 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.24 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

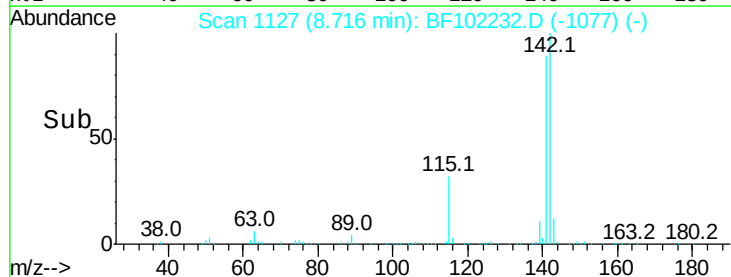
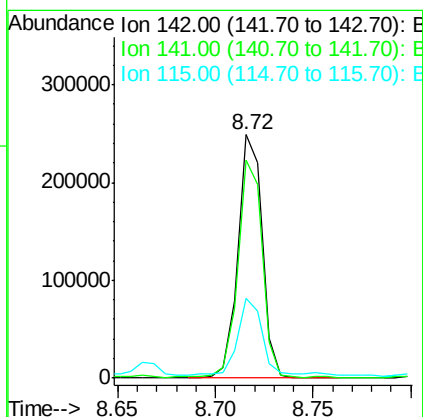
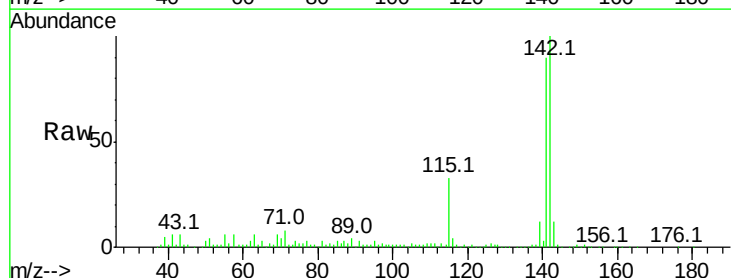
Instrument :
BNA_F
ClientSampleId :

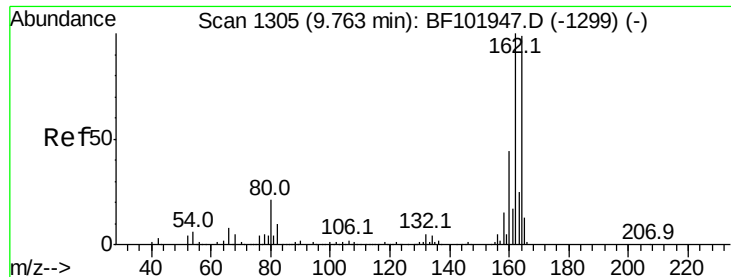
Tot Ion:122 Resp: 1207542
Ion Ratio Lower Upper
122 100
105 122.4 101.1 141.1
77 90.9 70.7 110.7



#37
2-Methylnaphthalene
Concen: 12.894 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

Tgt Ion:142 Resp: 214376
Ion Ratio Lower Upper
142 100
141 89.7 70.8 106.2
115 32.9 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF102232.D

Acq: 19 Jan 2018 22:25

Instrument :

BNA_F

ClientSampleId :

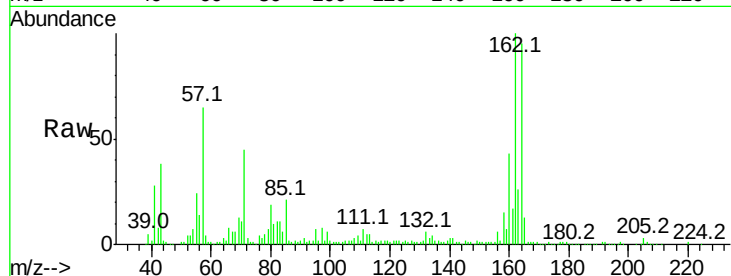
Tot Ion:164 Resp: 218540

Ion Ratio Lower Upper

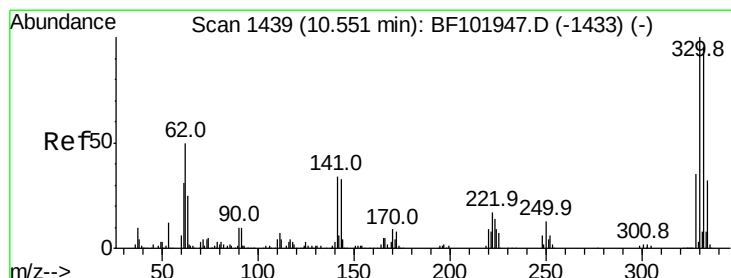
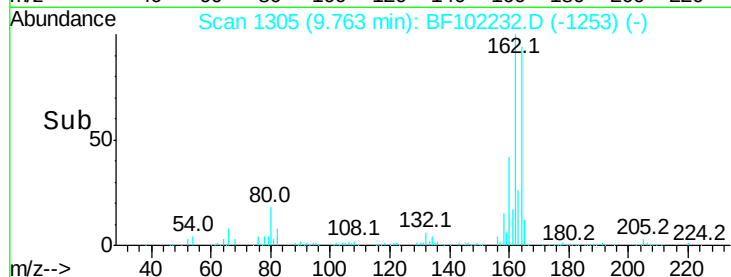
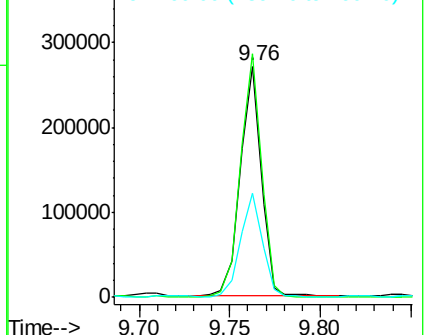
164 100

162 105.3 86.1 129.1

160 44.8 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



#41

2,4,6-Tribromophenol

Concen: 91.621 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF102232.D

Acq: 19 Jan 2018 22:25

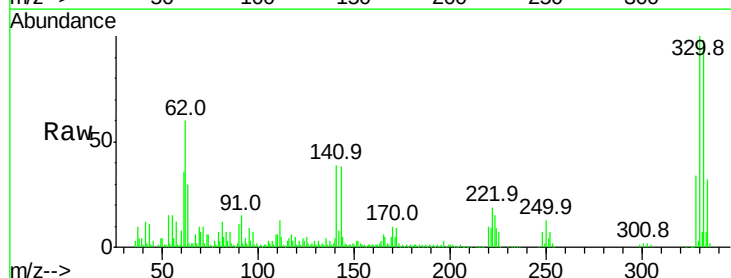
Tgt Ion:330 Resp: 174737

Ion Ratio Lower Upper

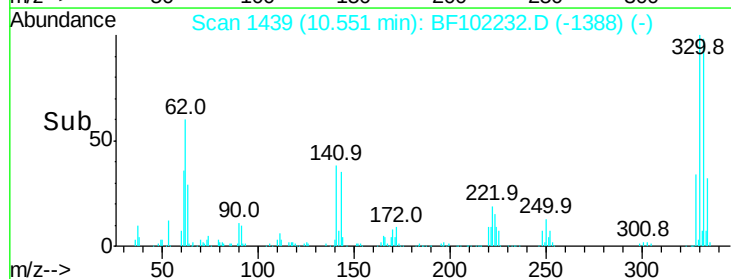
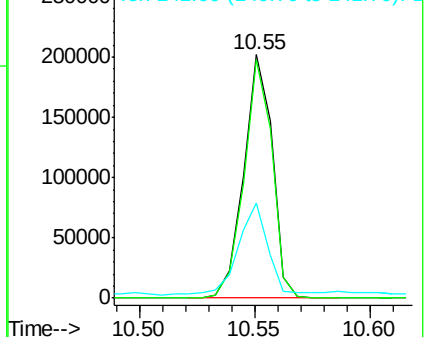
330 100

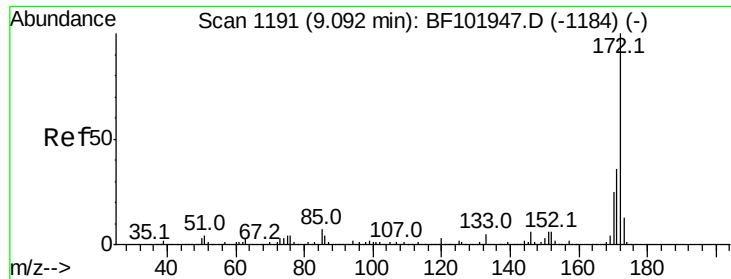
332 96.4 77.0 115.6

141 38.9 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

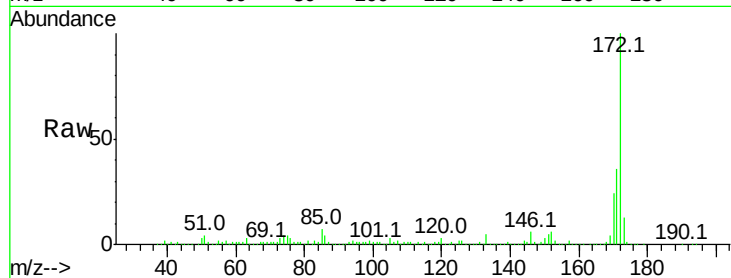




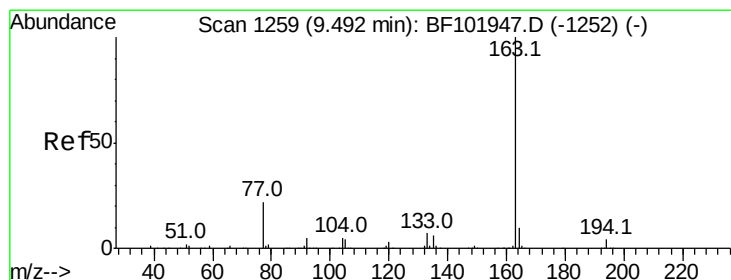
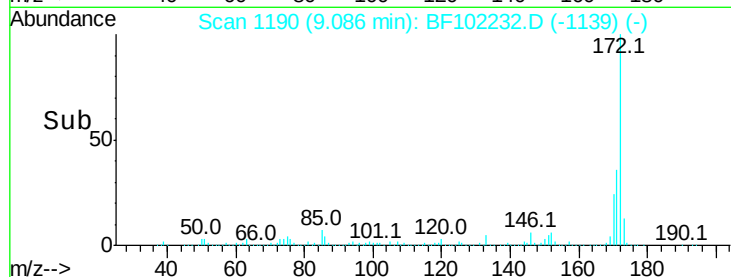
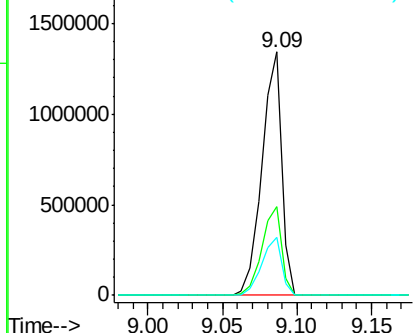
#44
2-Fluorobiphenyl
Concen: 86.401 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1208626
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.0 19.6 29.4

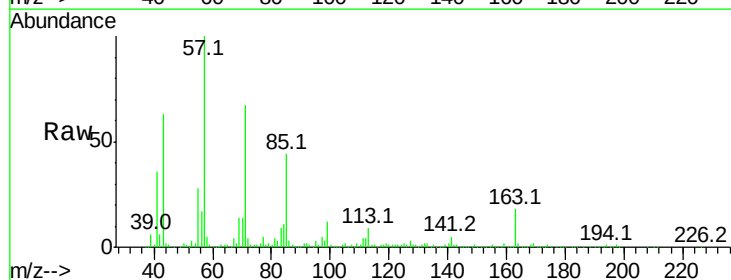


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

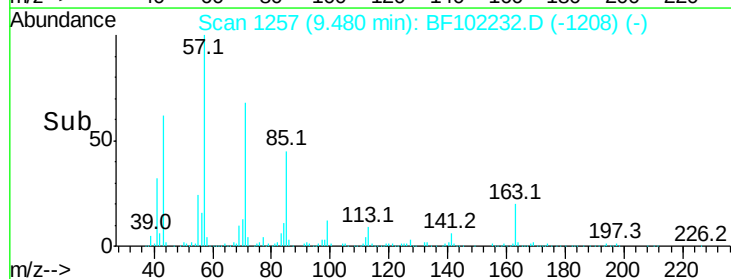
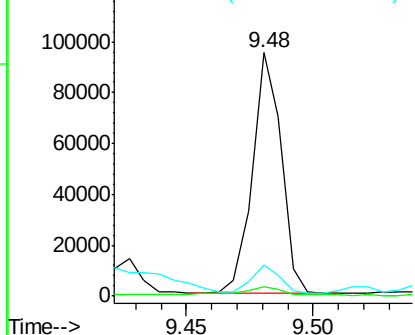


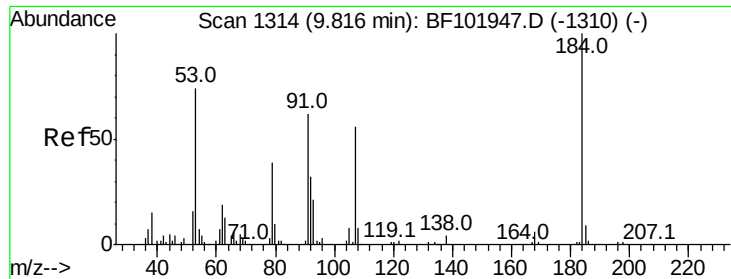
#49
Dimethylphthalate
Concen: 4.306 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

Tgt Ion:163 Resp: 75488
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 12.7 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

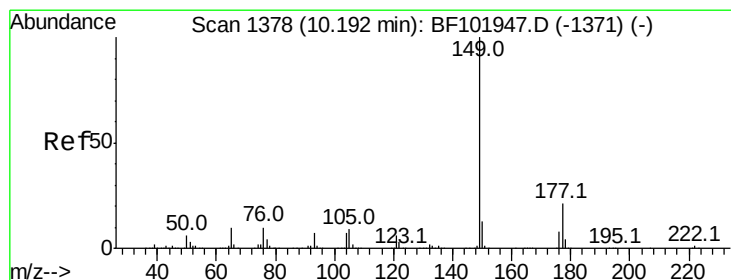
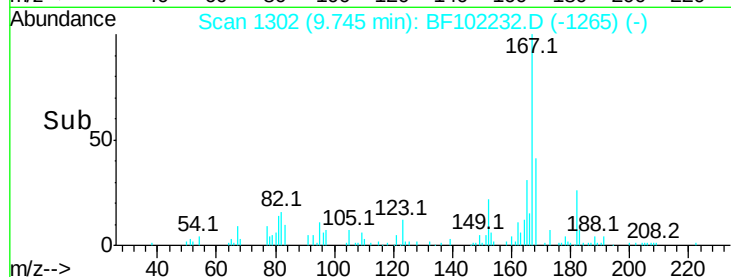
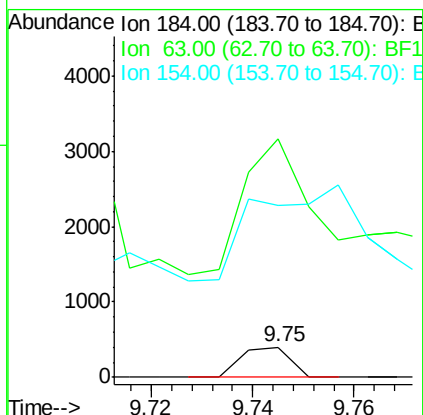
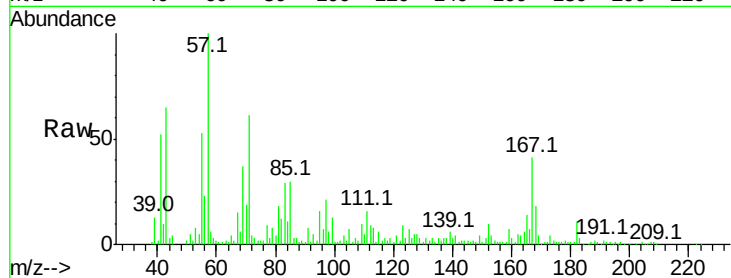




#53
2,4-Dinitrophenol
Concen: 8.838 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.08 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

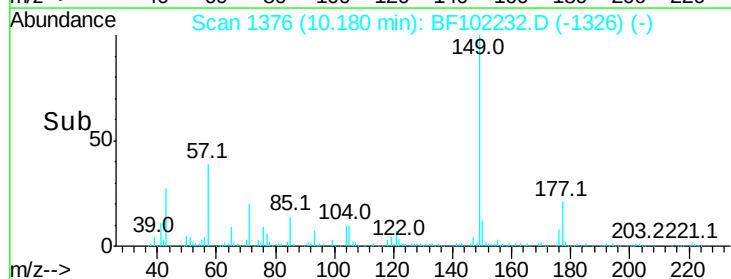
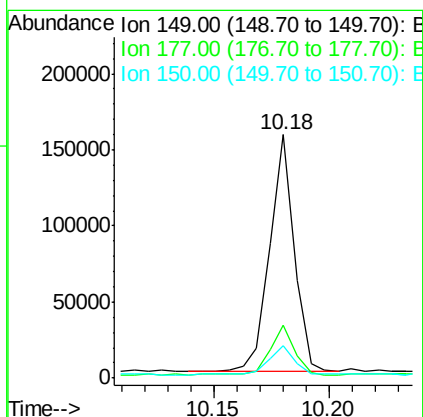
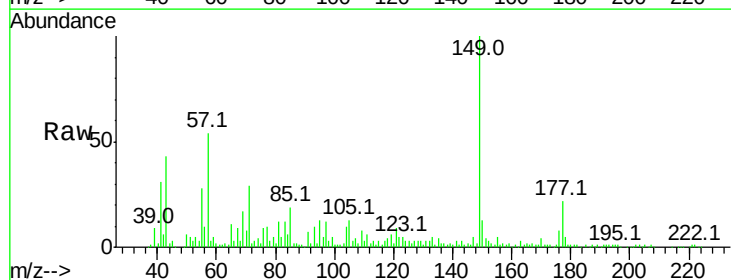
Instrument :
BNA_F
ClientSampleId :

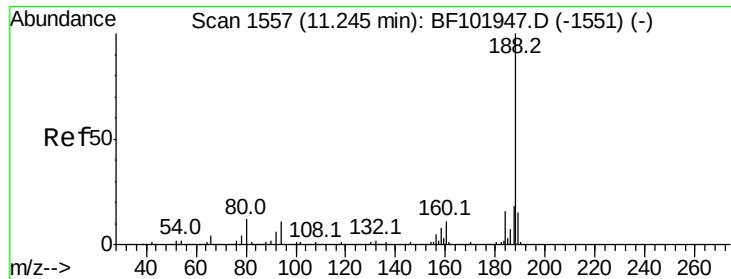
Tot Ion:184 Resp: 271
Ion Ratio Lower Upper
184 100
63 788.1 54.2 81.2#
154 569.4 184.0 276.0#



#59
Diethylphthalate
Concen: 6.628 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

Tgt Ion:149 Resp: 115593
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 13.2 10.1 15.1

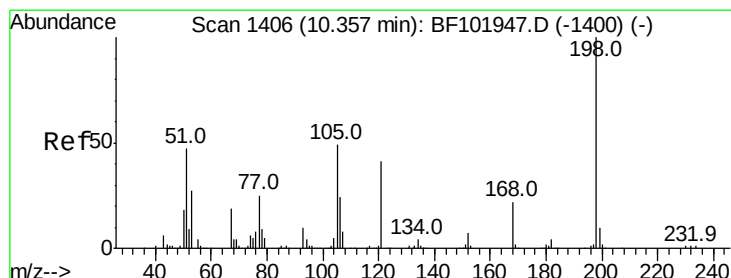
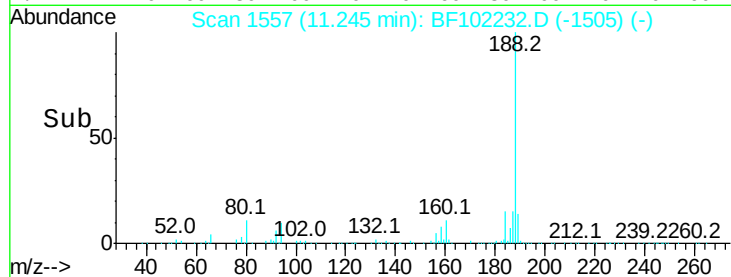
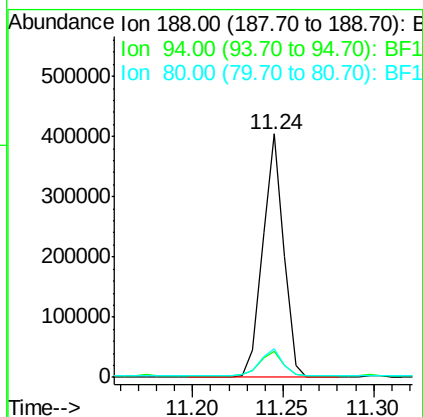
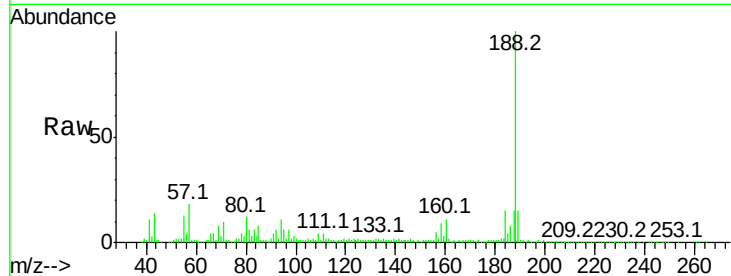




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

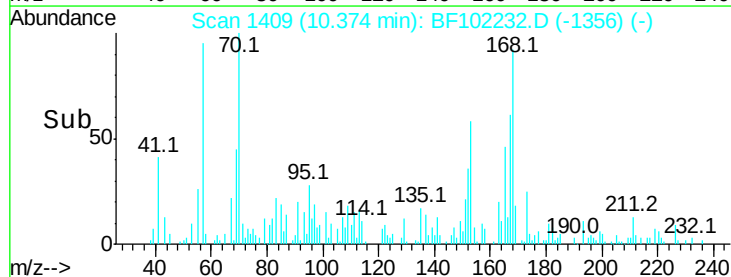
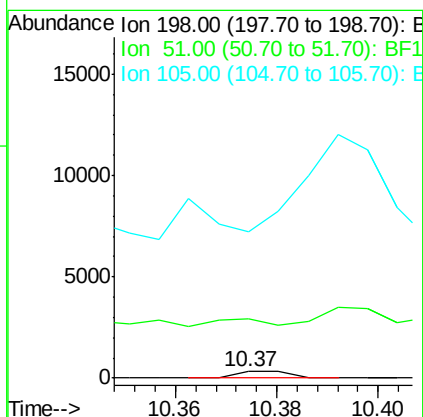
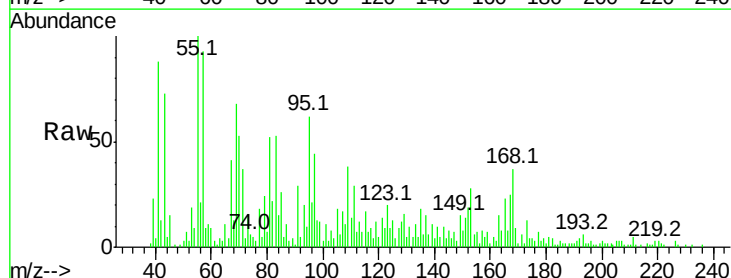
Instrument :
BNA_F
ClientSampled :

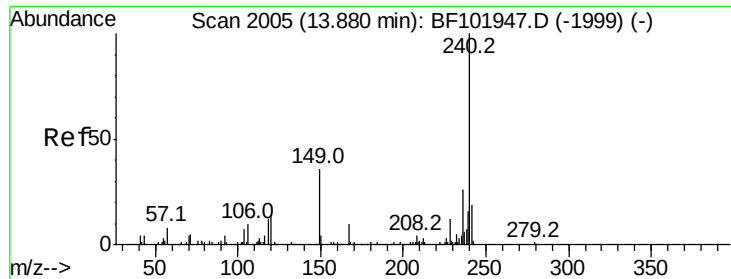
Tot Ion:188 Resp: 323538
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.775 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

Tgt Ion:198 Resp: 224
Ion Ratio Lower Upper
198 100
51 914.9 37.7 77.7#
105 2234.2 36.3 76.3#

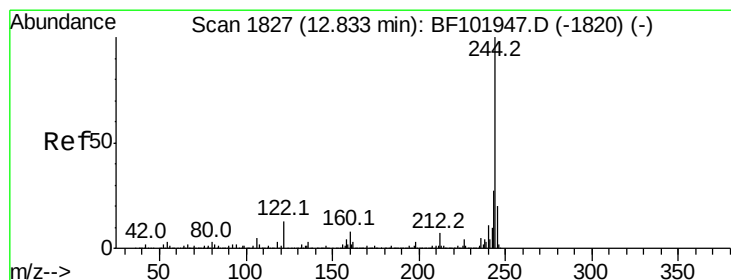
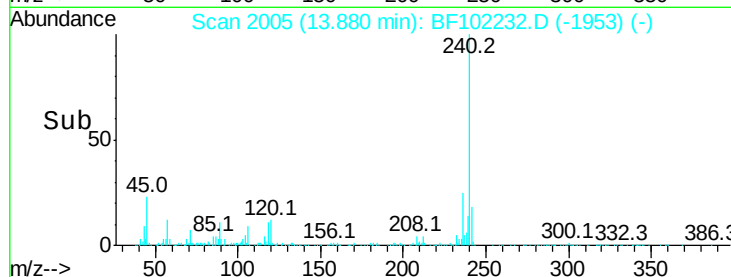
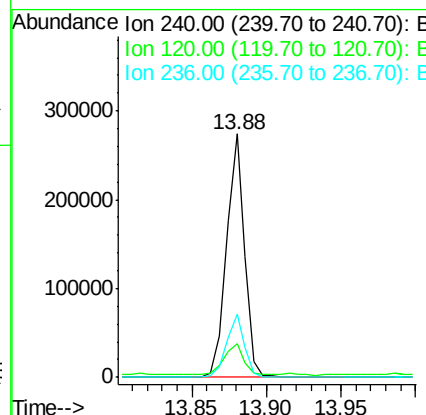
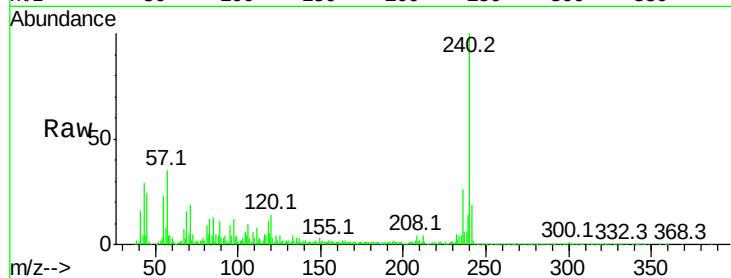




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

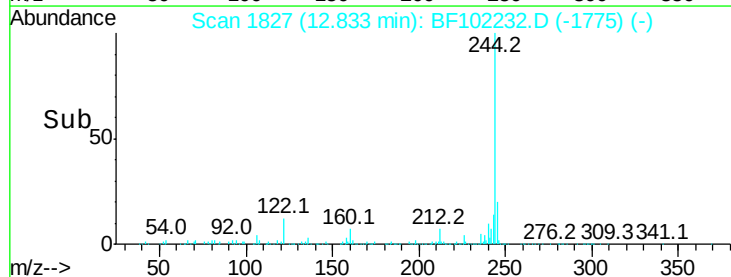
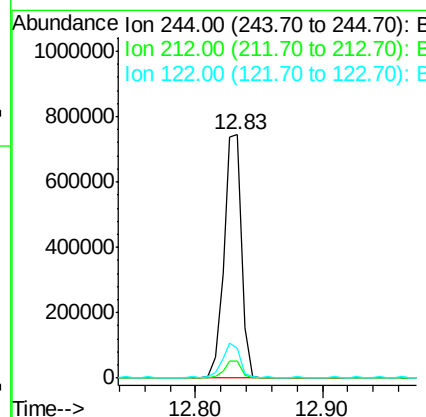
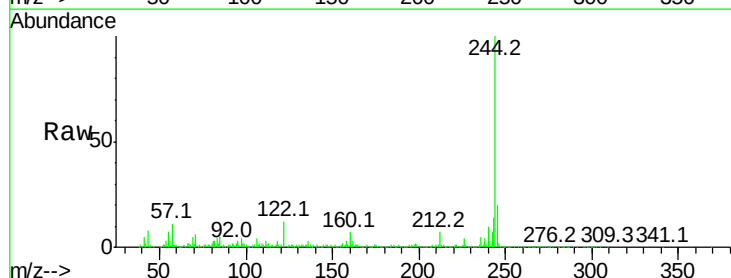
Instrument :
BNA_F
ClientSampleId :

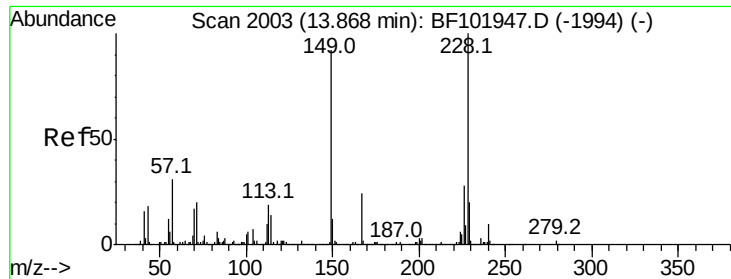
Tot Ion:240 Resp: 233031
Ion Ratio Lower Upper
240 100
120 13.7 9.5 14.3
236 25.7 20.7 31.1



#78
Terphenyl-d14
Concen: 64.328 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF102232.D
Acq: 19 Jan 2018 22:25

Tgt Ion:244 Resp: 721991
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 12.3 11.0 16.4

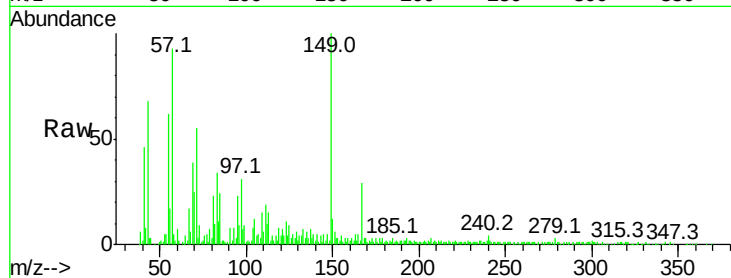




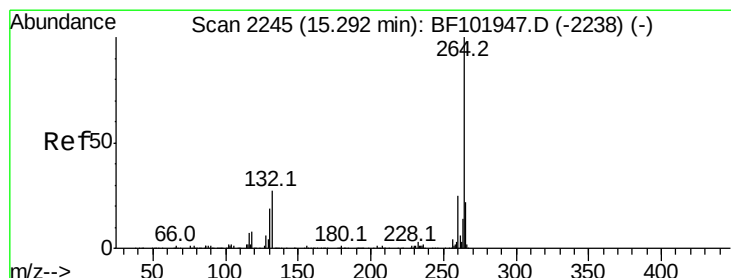
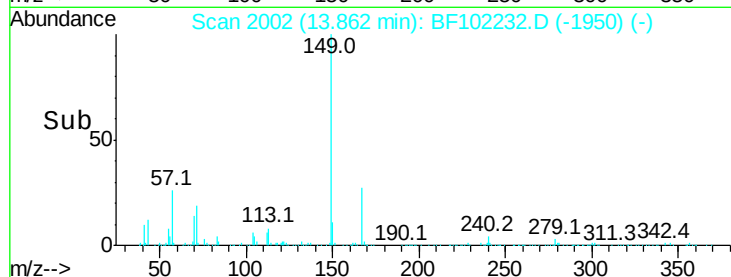
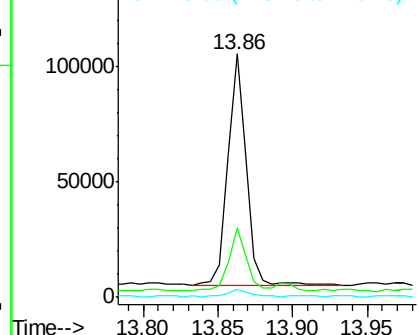
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 8.097 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF102232.D
 Acq: 19 Jan 2018 22:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 87808
 Ion Ratio Lower Upper
 149 100
 167 28.6 21.3 31.9
 279 3.4 3.0 4.4

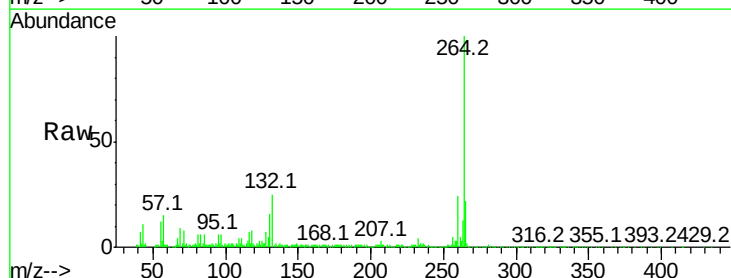


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.01 min
 Lab File: BF102232.D
 Acq: 19 Jan 2018 22:25

Tgt Ion:264 Resp: 264845
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.8 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

