

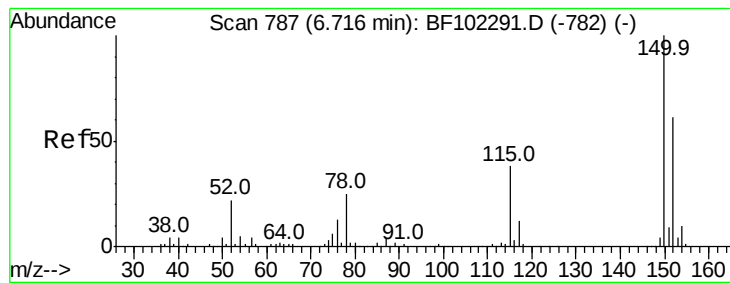
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102364.D
 Acq On : 24 Jan 2018 1:22
 Operator : SJ/JU
 Sample : J1241-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 24 04:32:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	136790	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	552564	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	222184	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	317658	20.00	ng	0.00
75) Chrysene-d12	13.87	240	258838	20.00	ng	0.00
86) Perylene-d12	15.30	264	221991	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1096679	121.56	ng	0.01
7) Phenol-d6	6.36	99	1338073	123.03	ng	0.00
23) Nitrobenzene-d5	7.29	82	813827	84.64	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	210946	95.82	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1365607	90.37	ng	0.00
78) Terphenyl-d14	12.82	244	914400	79.64	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	23108	3.052	ng	84
10) Phenol	6.37	94	43128	3.632	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	107163	16.100	ng	# 78
25) Isophorone	7.29	82	798030	46.555	ng	# 64
49) Dimethylphthalate	9.47	163	239260	13.028	ng	99
56) 2,4-Dinitrotoluene	9.75	165	28155	5.782	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	14467	4.231	ng	# 1

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

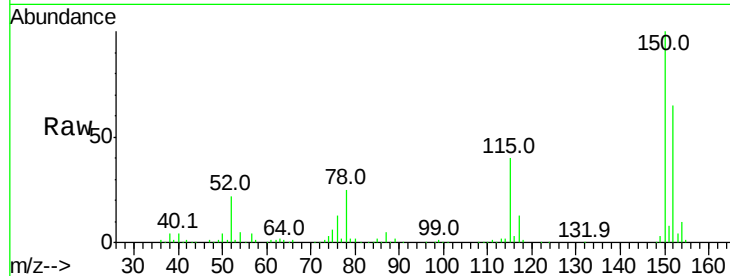


#1

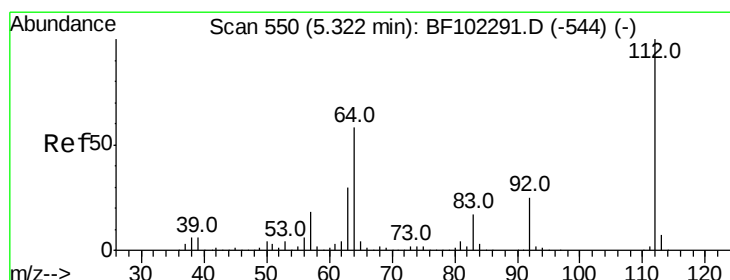
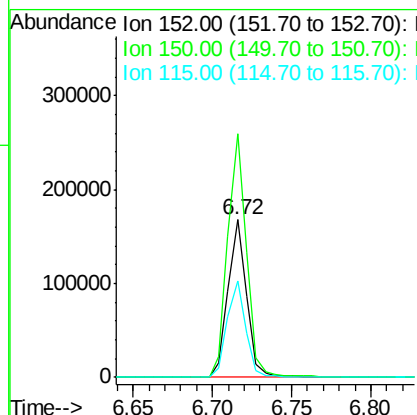
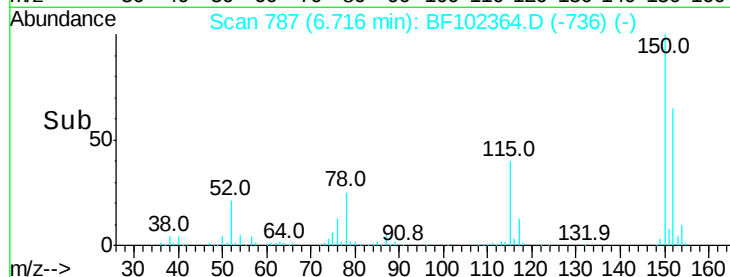
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102364.D
Acq: 24 Jan 2018 1:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136790
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 61.2 50.1 75.1



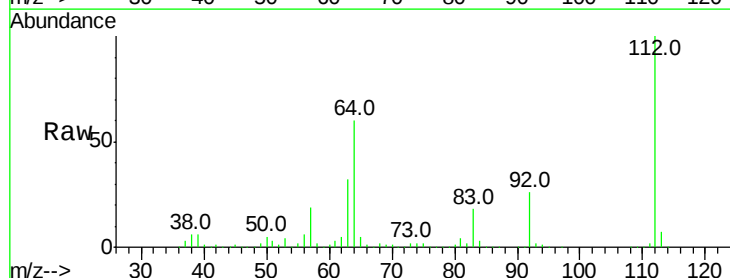
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



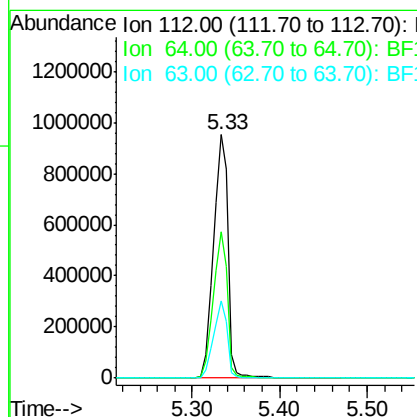
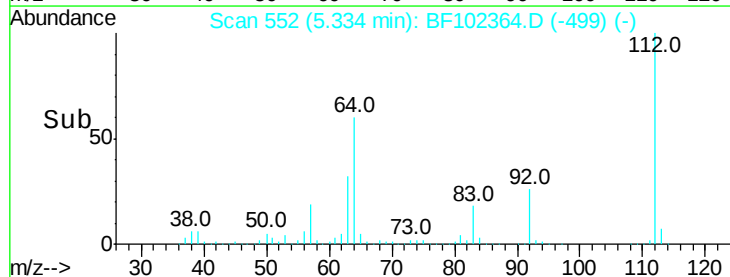
#5

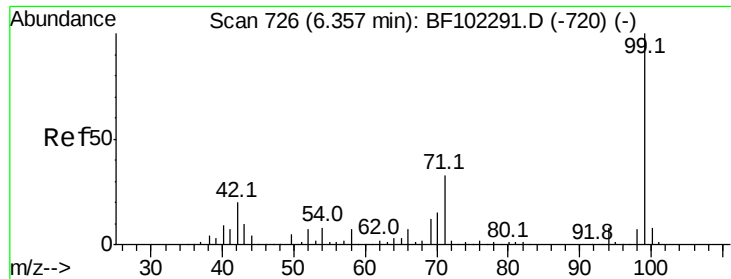
2-Fluorophenol
Concen: 121.562 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102364.D
Acq: 24 Jan 2018 1:22

Tgt Ion:112 Resp: 1096679
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 31.8 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: 123.027 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102364.D

Acq: 24 Jan 2018 1:22

Instrument :

BNA_F

ClientSampled :

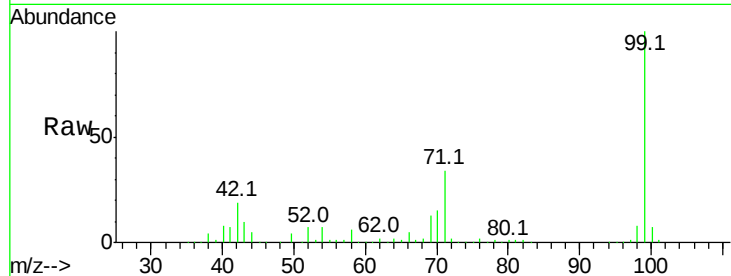
Tot Ion: 99 Resp: 1338073

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

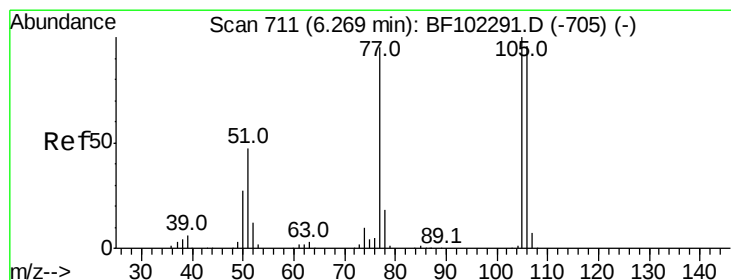
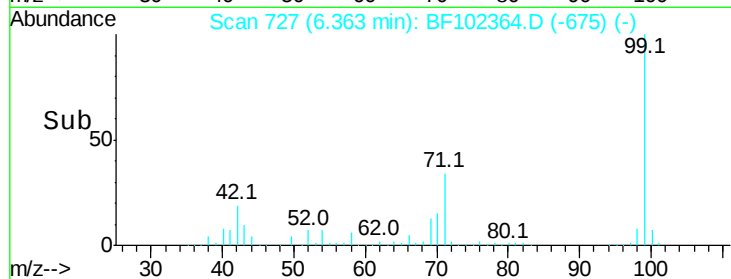
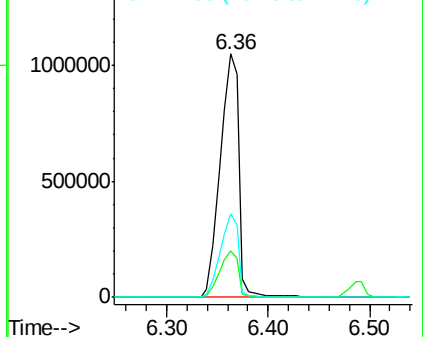
71 34.2 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.052 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF102364.D

Acq: 24 Jan 2018 1:22

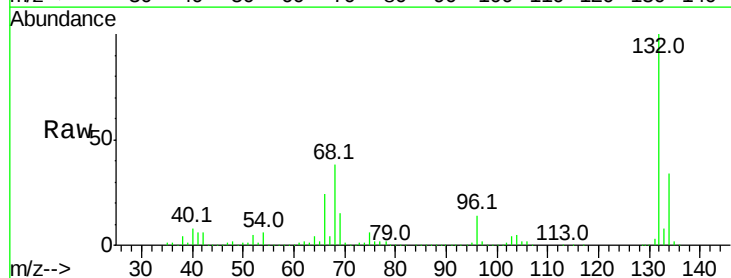
Tgt Ion: 77 Resp: 23108

Ion Ratio Lower Upper

77 100

105 83.0 81.1 121.1

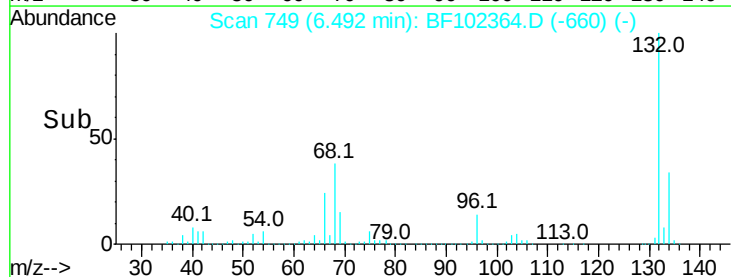
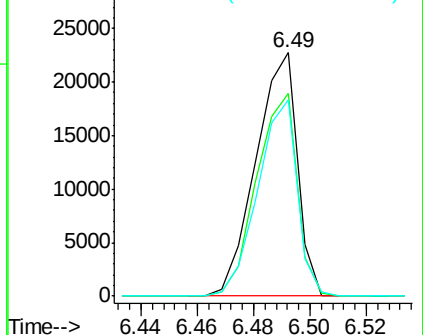
106 80.7 74.5 114.5

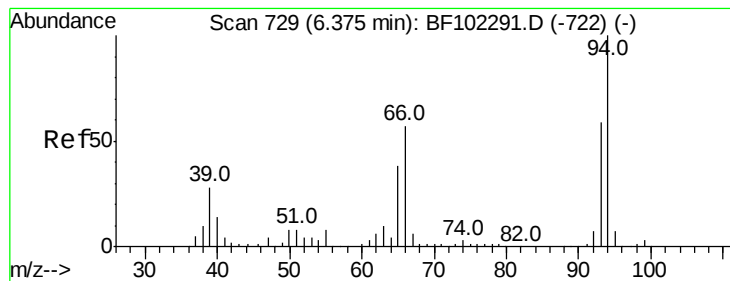


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.632 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102364.D

Acq: 24 Jan 2018 1:22

Instrument :

BNA_F

ClientSampled :

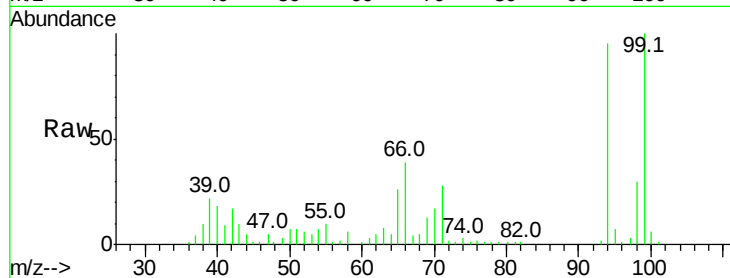
Tot Ion: 94 Resp: 43128

Ion Ratio Lower Upper

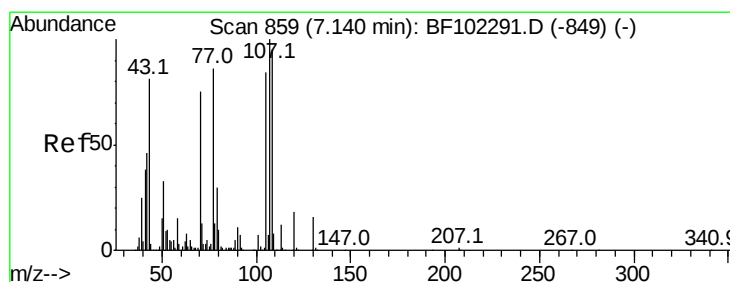
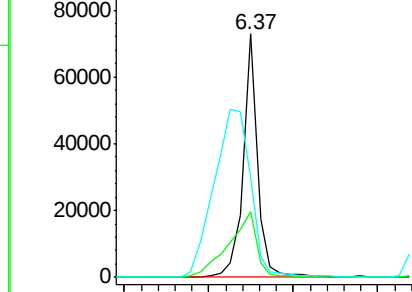
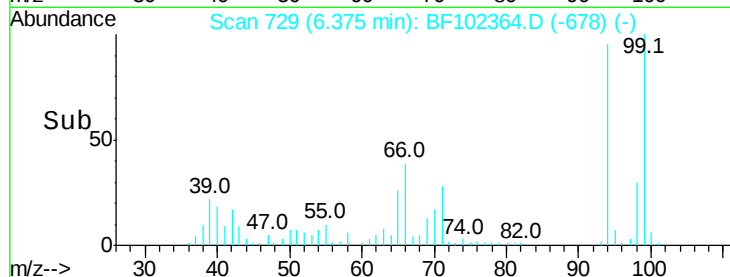
94 100

65 26.9 7.9 47.9

66 41.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.100 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF102364.D

Acq: 24 Jan 2018 1:22

Tgt Ion: 70 Resp: 107163

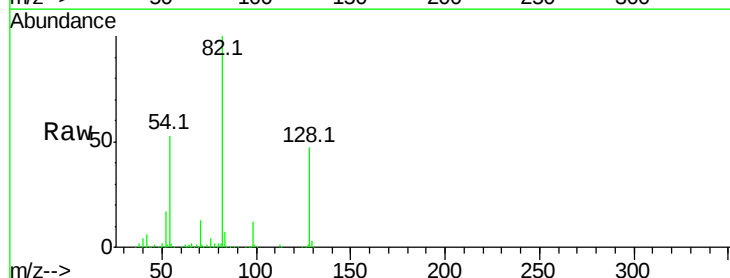
Ion Ratio Lower Upper

70 100

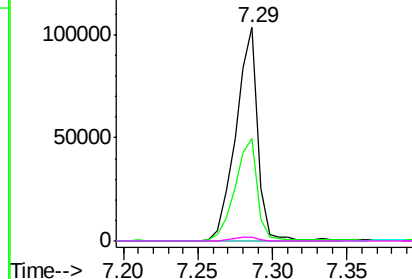
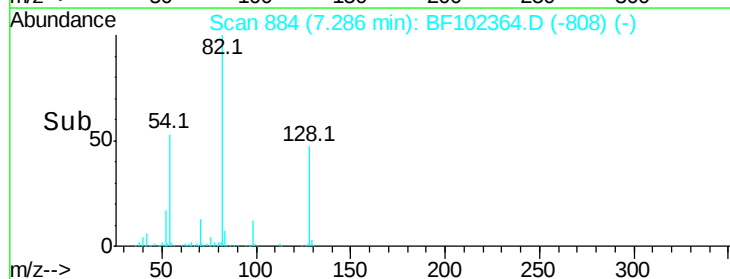
42 48.1 47.5 71.3

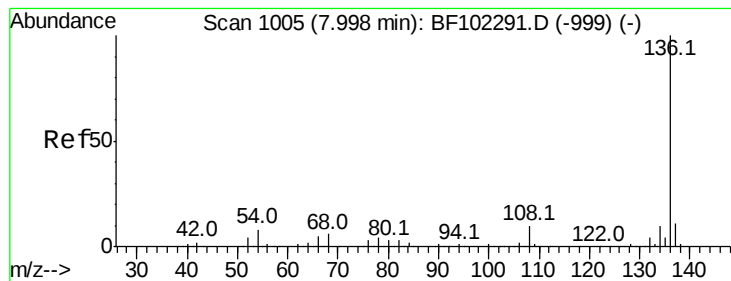
101 0.0 7.4 11.2#

130 1.9 16.6 25.0#



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102364.D

Acq: 24 Jan 2018 1:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 552564

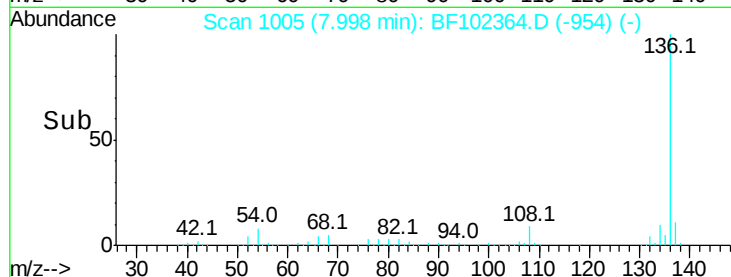
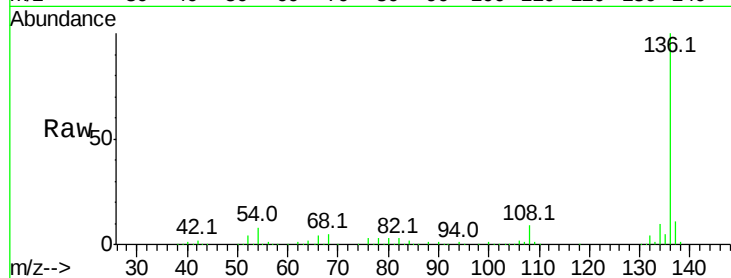
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.6 6.6 9.8

68 5.3 5.0 7.4

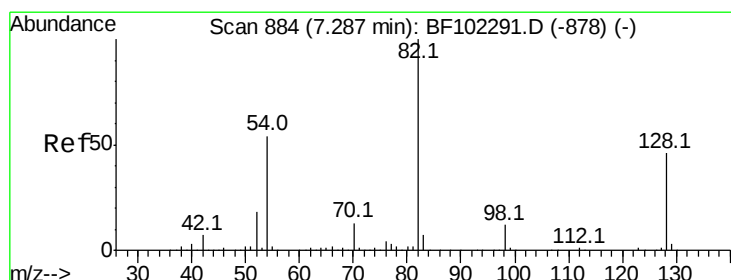
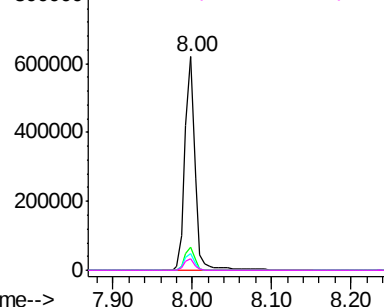


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 84.638 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102364.D

Acq: 24 Jan 2018 1:22

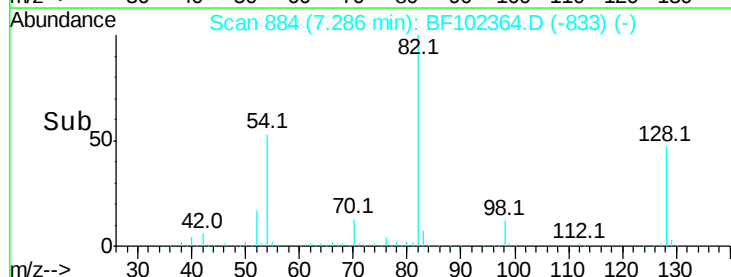
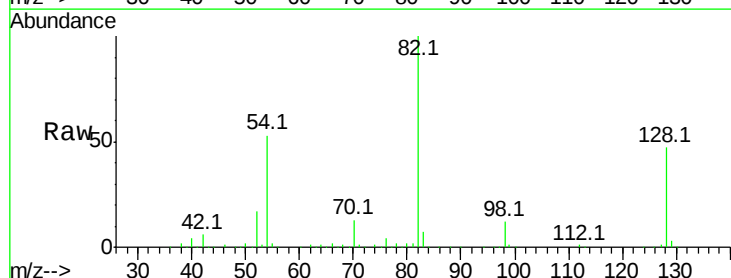
Tgt Ion: 82 Resp: 813827

Ion Ratio Lower Upper

82 100

128 47.4 36.1 54.1

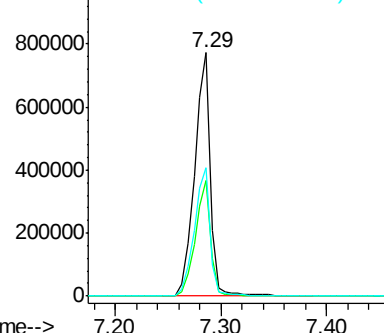
54 52.7 41.4 62.2

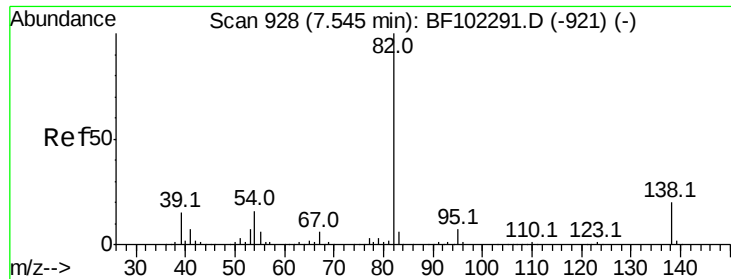


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.555 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102364.D

Acq: 24 Jan 2018 1:22

Instrument :

BNA_F

ClientSampleId :

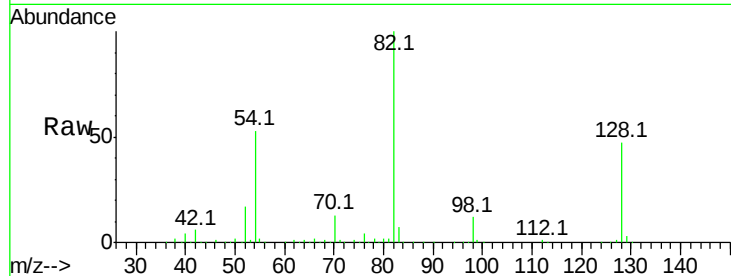
Tot Ion: 82 Resp: 798030

Ion Ratio Lower Upper

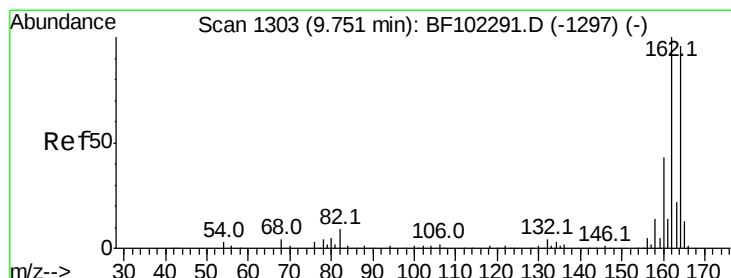
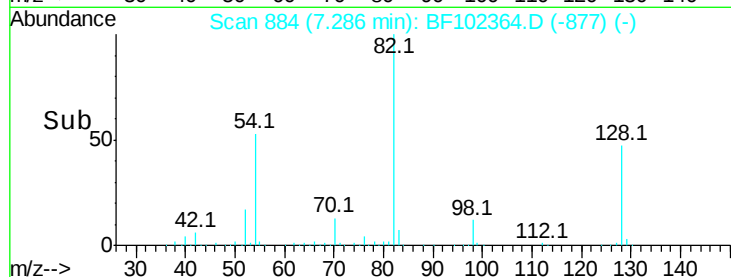
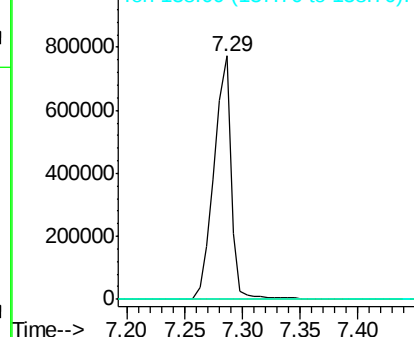
82 100

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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102364.D

Acq: 24 Jan 2018 1:22

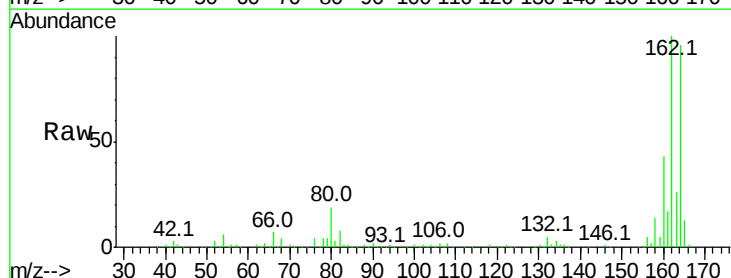
Tgt Ion: 164 Resp: 222184

Ion Ratio Lower Upper

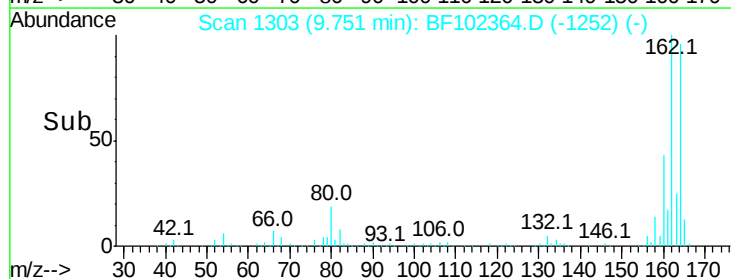
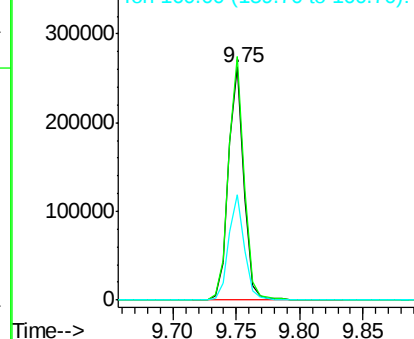
164 100

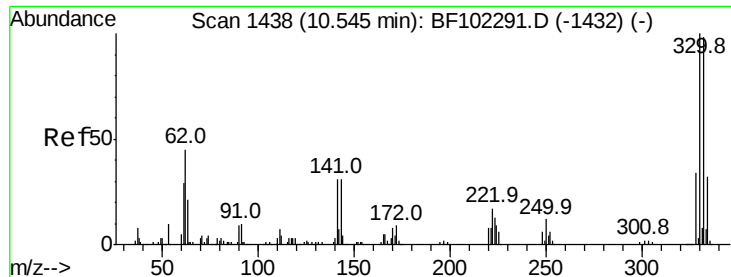
162 104.5 86.1 129.1

160 45.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

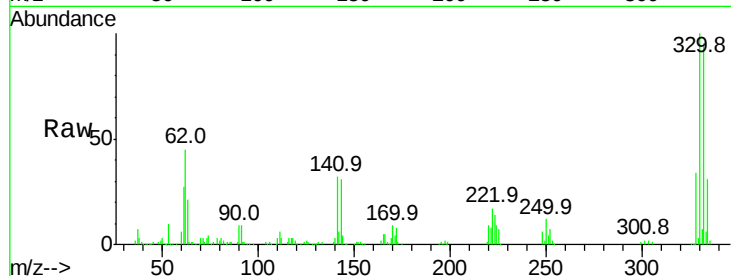




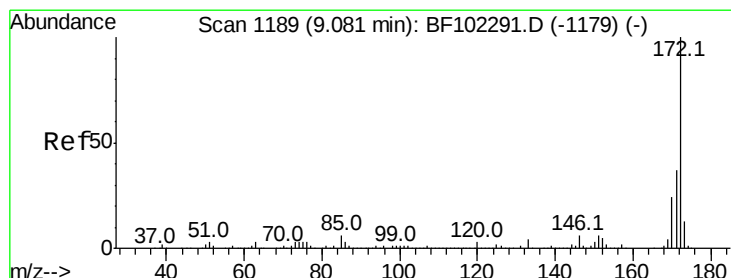
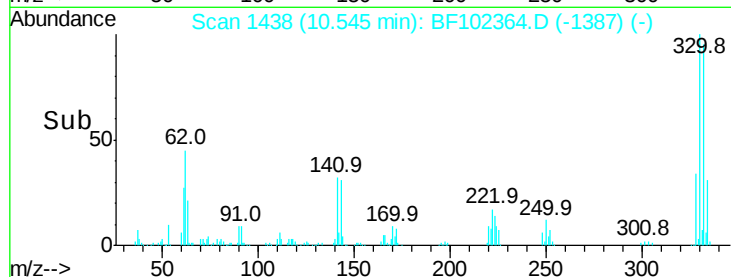
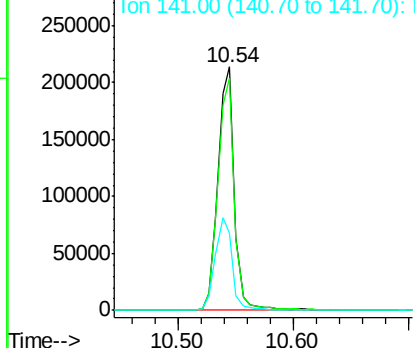
#41
 2,4,6-Tribromophenol
 Concen: 95.818 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102364.D
 Acq: 24 Jan 2018 1:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 210946
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 39.9 29.9 44.9

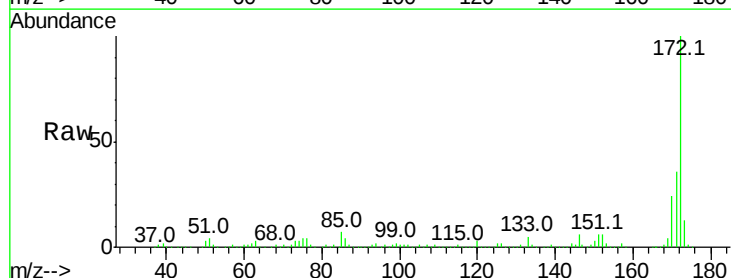


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

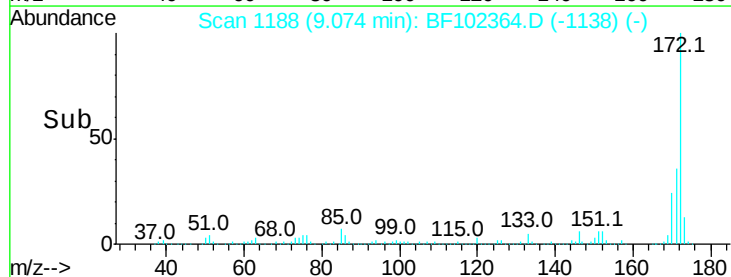
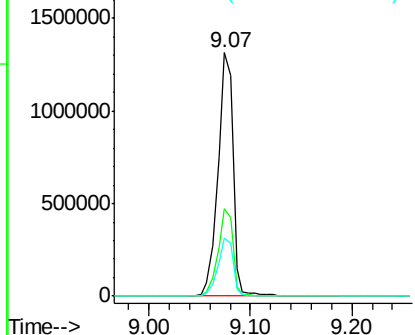


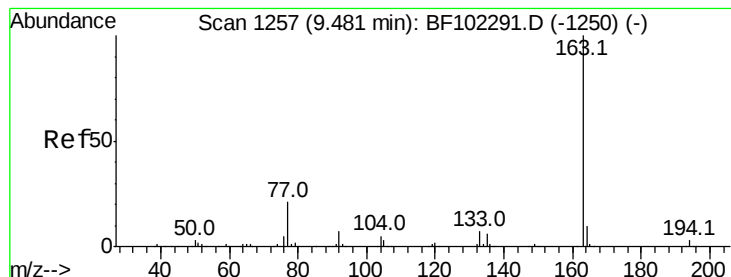
#44
 2-Fluorobiphenyl
 Concen: 90.372 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102364.D
 Acq: 24 Jan 2018 1:22

Tgt Ion:172 Resp: 1365607
 Ion Ratio Lower Upper
 172 100
 171 36.1 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





#49

Dimethylphthalate

Concen: 13.028 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF102364.D

Acq: 24 Jan 2018 1:22

Instrument :

BNA_F

ClientSampleId :

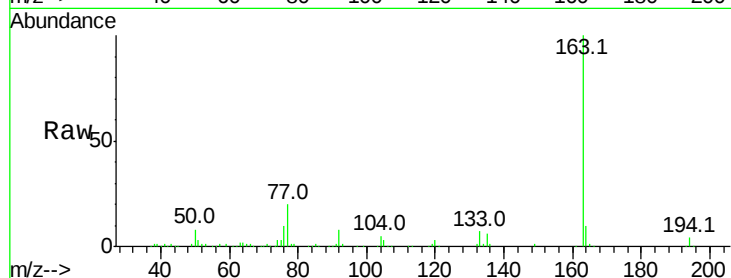
Tot Ion:163 Resp: 239260

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

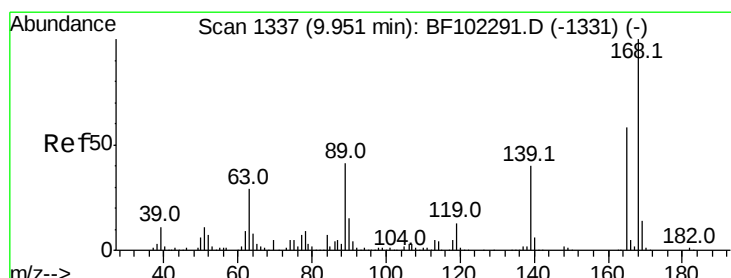
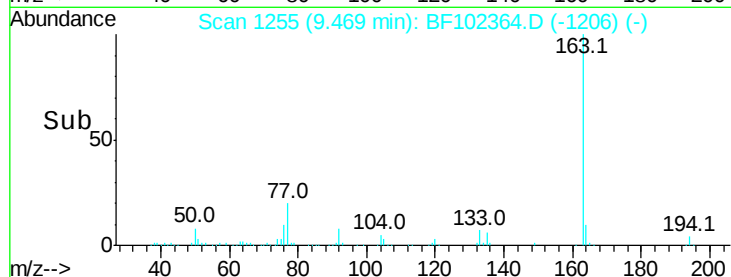
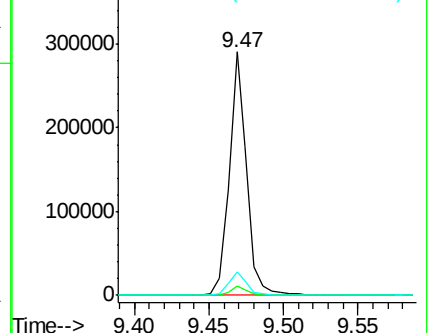
164 9.8 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 5.782 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.20 min

Lab File: BF102364.D

Acq: 24 Jan 2018 1:22

Tgt Ion:165 Resp: 28155

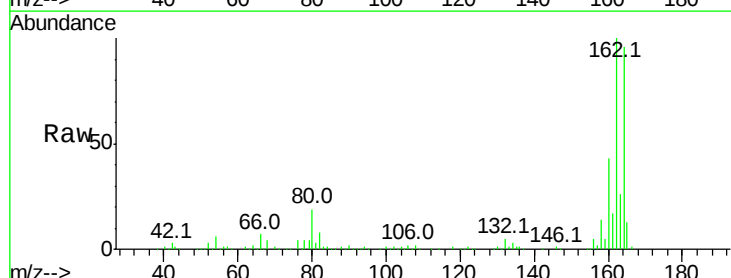
Ion Ratio Lower Upper

165 100

63 1.0 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

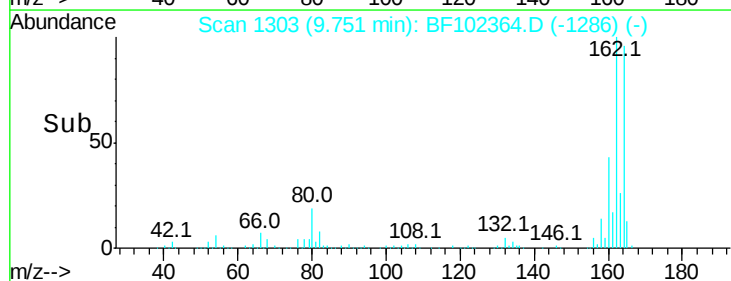
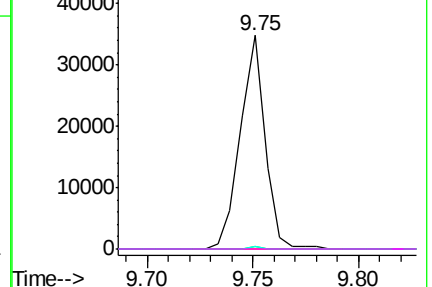


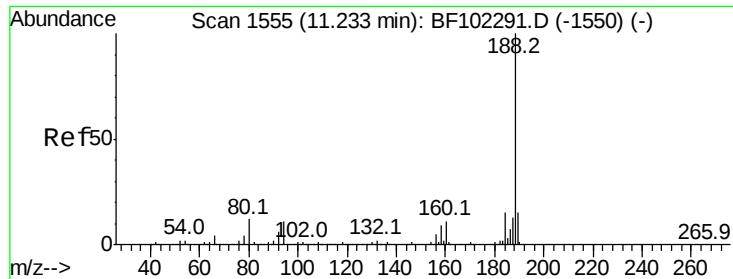
Abundance Ion 165.00 (164.70 to 165.70): E

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

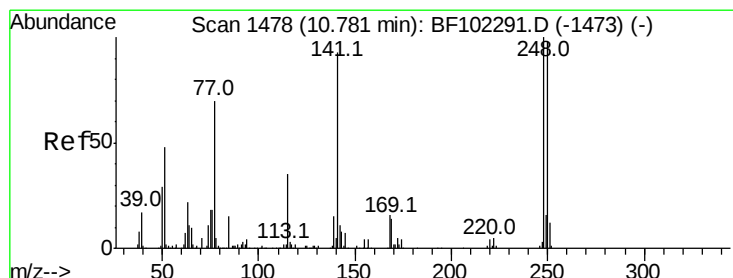
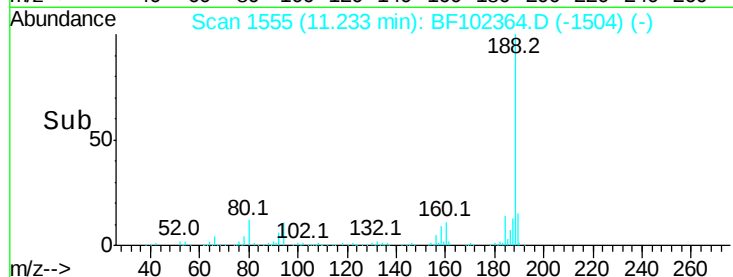
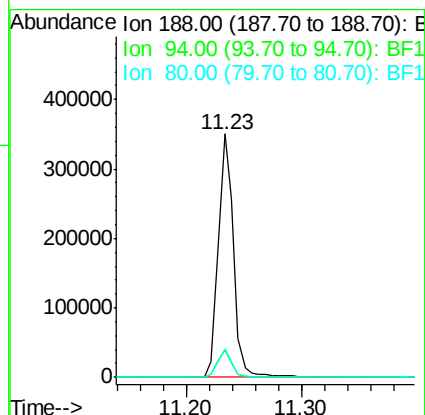
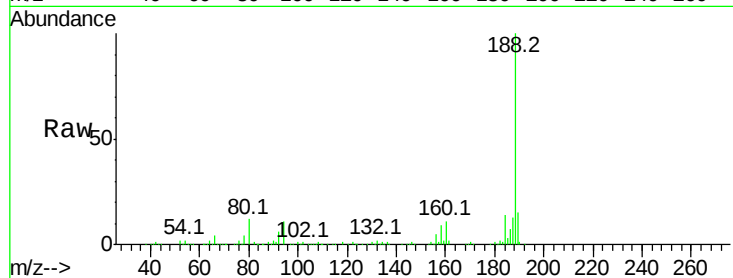




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102364.D
Acq: 24 Jan 2018 1:22

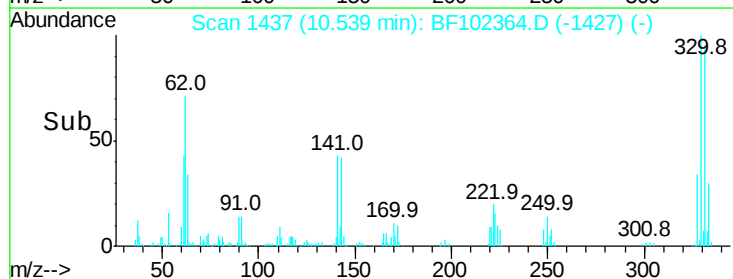
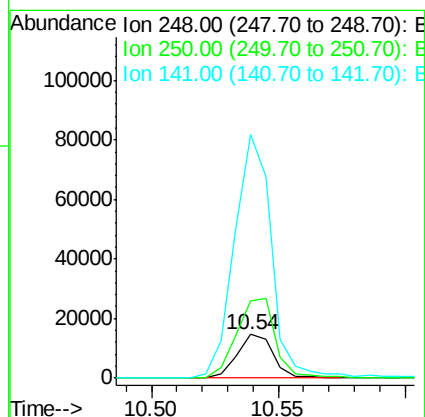
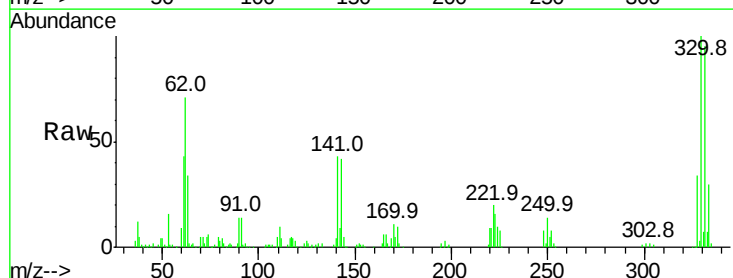
Instrument :
BNA_F
ClientSampleId :

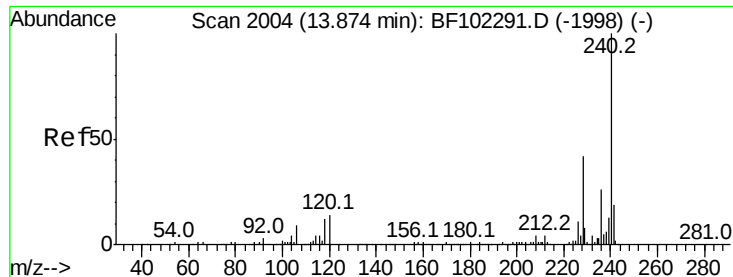
Tot Ion:188 Resp: 317658
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.9 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.231 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102364.D
Acq: 24 Jan 2018 1:22

Tgt Ion:248 Resp: 14467
Ion Ratio Lower Upper
248 100
250 178.6 76.9 115.3#
141 561.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102364.D

Acq: 24 Jan 2018 1:22

Instrument :

BNA_F

ClientSampleId :

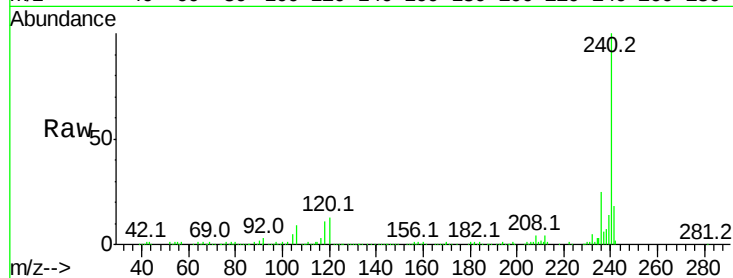
Tot Ion:240 Resp: 258838

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

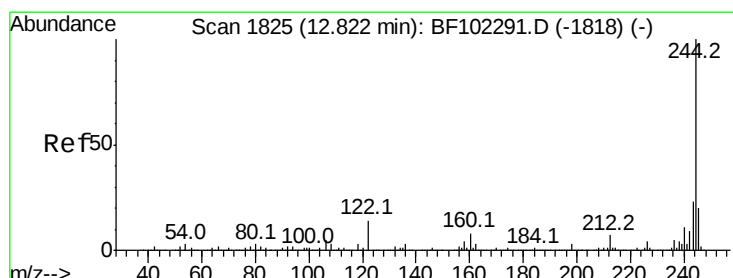
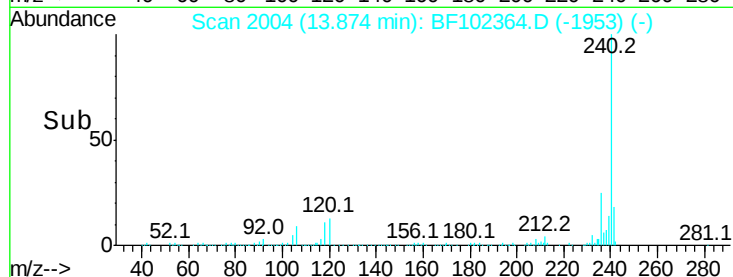
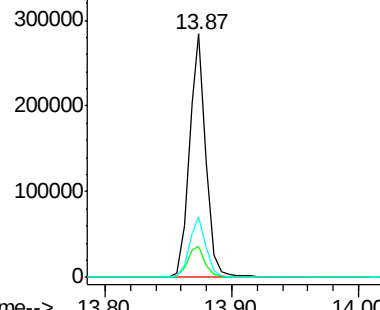
236 25.0 20.7 31.1



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



#78

Terphenyl-d14

Concen: 79.640 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102364.D

Acq: 24 Jan 2018 1:22

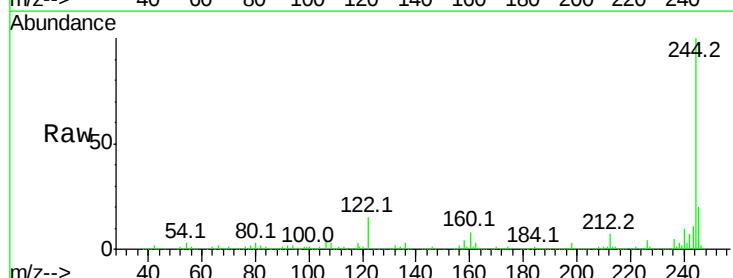
Tgt Ion:244 Resp: 914400

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

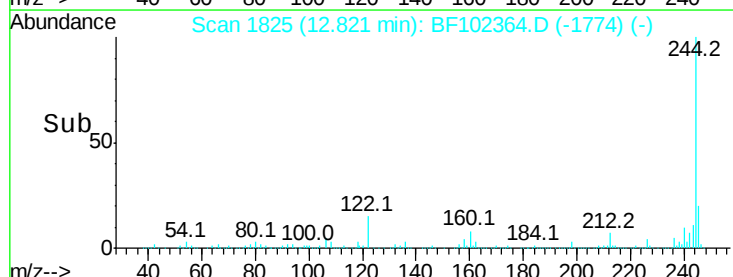
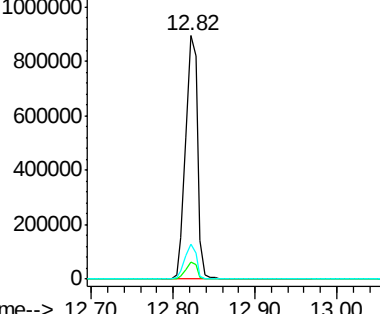
122 14.5 11.0 16.4

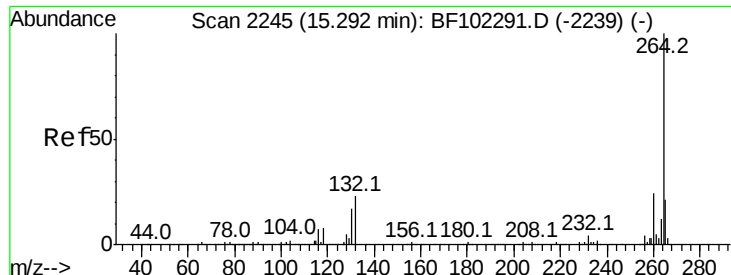


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

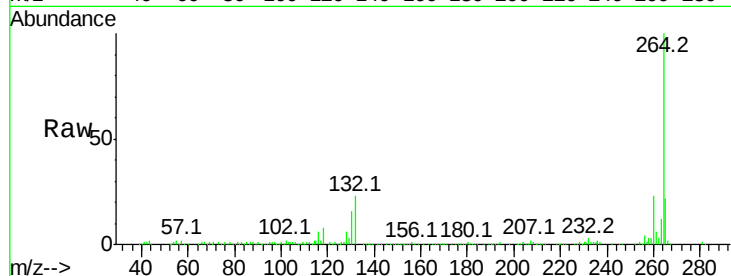




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102364.D
 Acq: 24 Jan 2018 1:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	221991
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.7	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

