

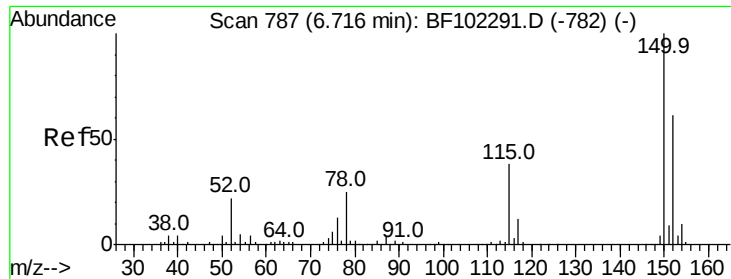
Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102606.D
 Acq On : 29 Jan 2018 19:28
 Operator : SJ/JU
 Sample : J1344-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:12:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	182508	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	786107	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	354602	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	596740	20.00	ng	0.00
75) Chrysene-d12	13.88	240	428232	20.00	ng	0.00
86) Perylene-d12	15.31	264	349490	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1291784	107.32	ng	0.01
7) Phenol-d6	6.37	99	1613838	111.21	ng	0.00
23) Nitrobenzene-d5	7.29	82	1051231	76.85	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	315861	89.90	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1672210	69.34	ng	0.00
78) Terphenyl-d14	12.83	244	1454797	76.59	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	27081	2.696	ng	83
10) Phenol	6.37	94	44445	2.805	ng	81
19) n-Nitroso-di-n-propylamine	7.29	70	138025	15.542	ng	# 79
25) Isophorone	7.29	82	1051225	43.106	ng	# 64
49) Dimethylphthalate	9.47	163	341597	11.655	ng	99
56) 2,4-Dinitrotoluene	9.75	165	45781	5.891	ng	# 23
66) 4-Bromophenyl-phenylether	10.55	248	21338	3.322	ng	# 1

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

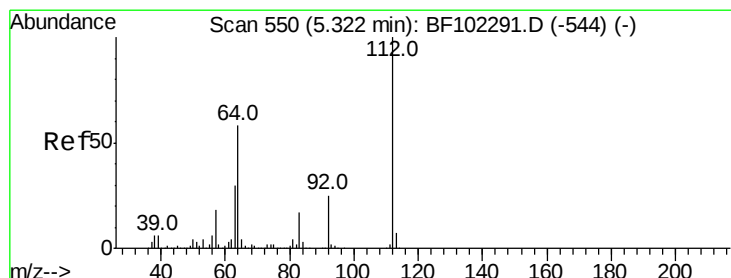
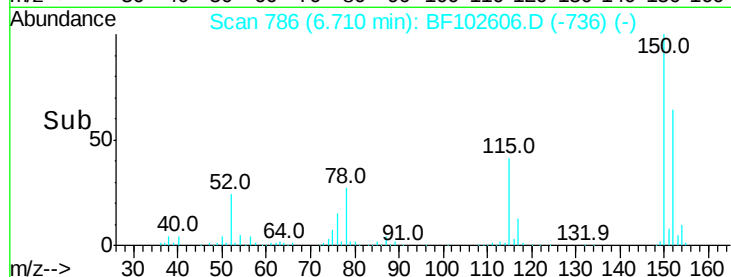
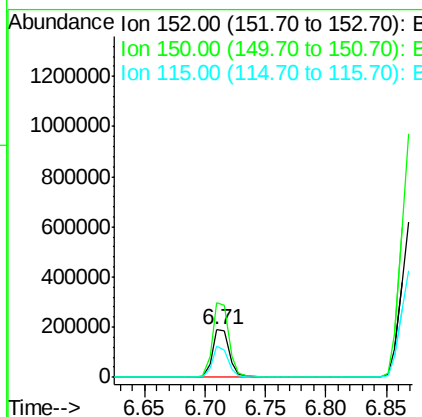
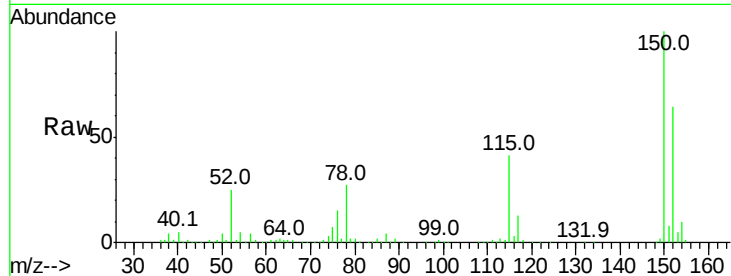


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102606.D
Acq: 29 Jan 2018 19:28

Instrument :
BNA_F
ClientSampleId :

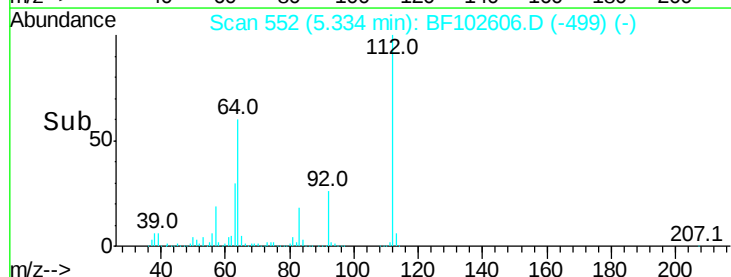
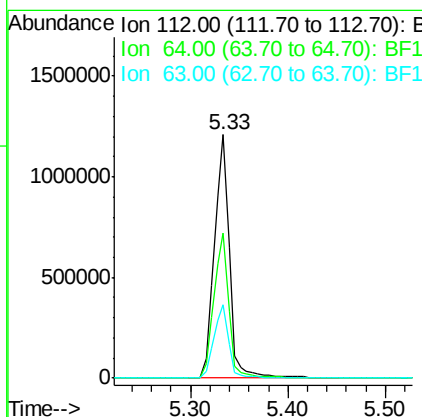
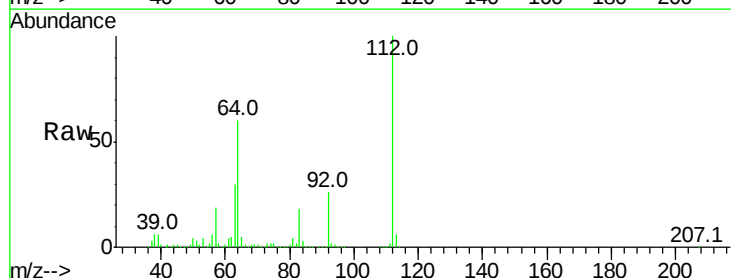
Tot Ion:152 Resp: 182508
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 64.8 50.1 75.1

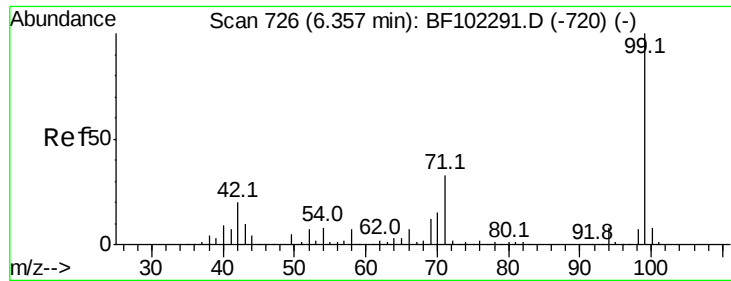


#5

2-Fluorophenol
Concen: 107.320 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102606.D
Acq: 29 Jan 2018 19:28

Tgt Ion:112 Resp: 1291784
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 30.2 23.7 35.5





#7

Phenol-d6

Concen: 111.212 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102606.D

Acq: 29 Jan 2018 19:28

Instrument :

BNA_F

ClientSampled :

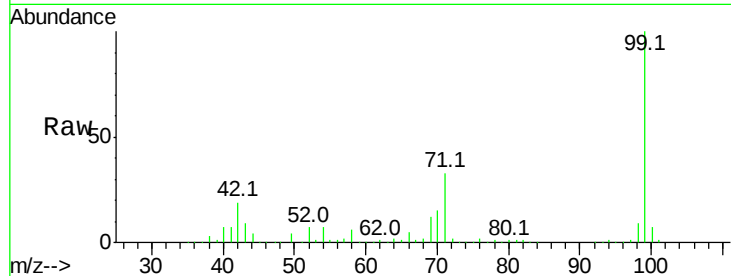
Tot Ion: 99 Resp: 1613838

Ion Ratio Lower Upper

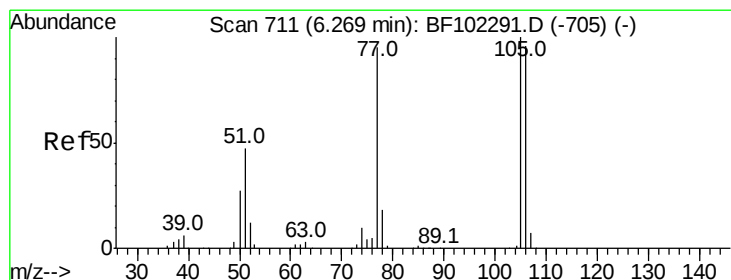
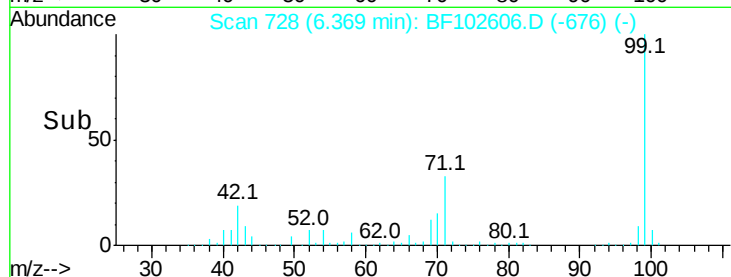
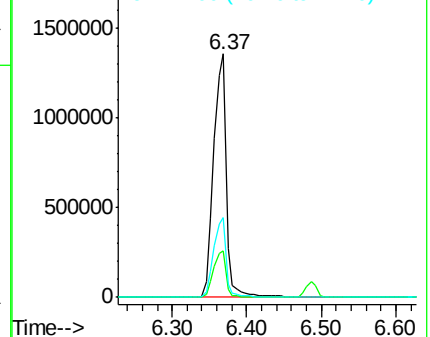
99 100

42 18.9 14.5 21.7

71 32.9 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: 2.696 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102606.D

Acq: 29 Jan 2018 19:28

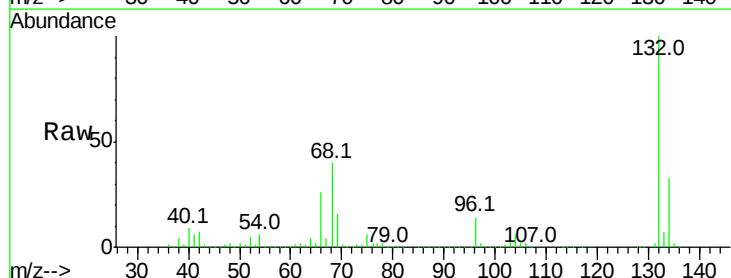
Tgt Ion: 77 Resp: 27081

Ion Ratio Lower Upper

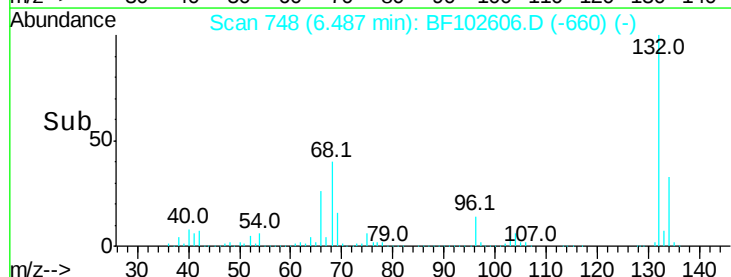
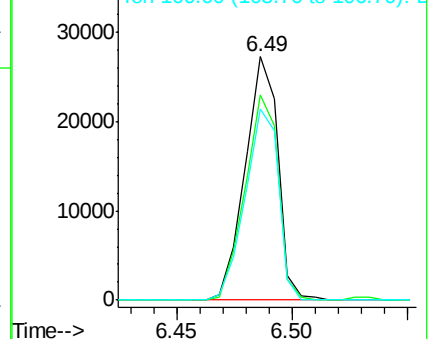
77 100

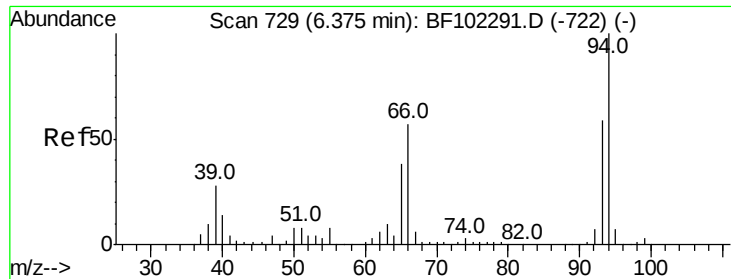
105 84.3 81.1 121.1

106 78.2 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: 2.805 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102606.D

Acq: 29 Jan 2018 19:28

Instrument :

BNA_F

ClientSampled :

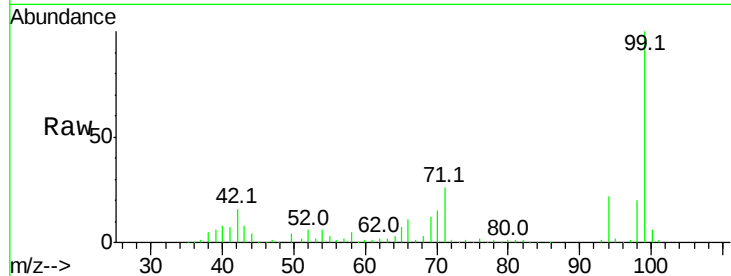
Tot Ion: 94 Resp: 44445

Ion Ratio Lower Upper

94 100

65 32.2 7.9 47.9

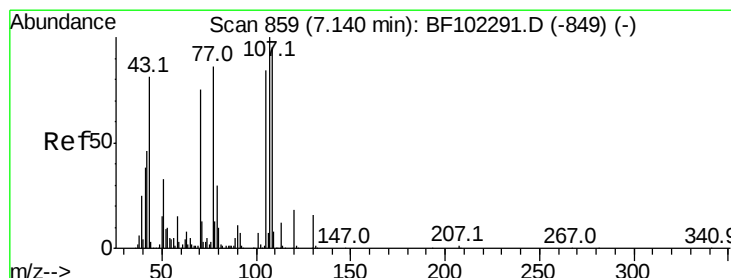
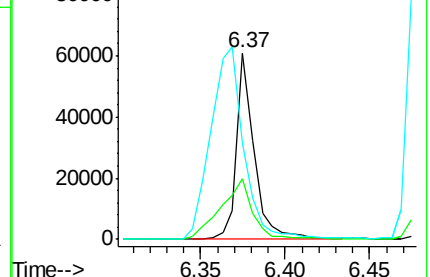
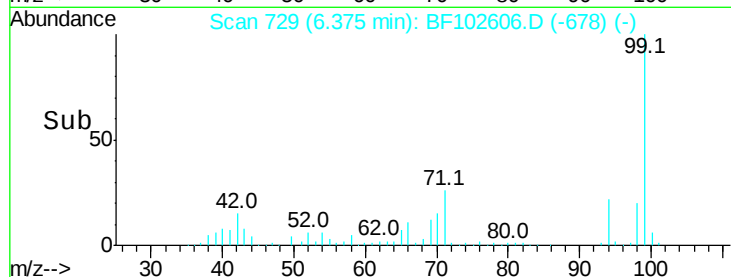
66 51.9 16.2 56.2



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: 15.542 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF102606.D

Acq: 29 Jan 2018 19:28

Tgt Ion: 70 Resp: 138025

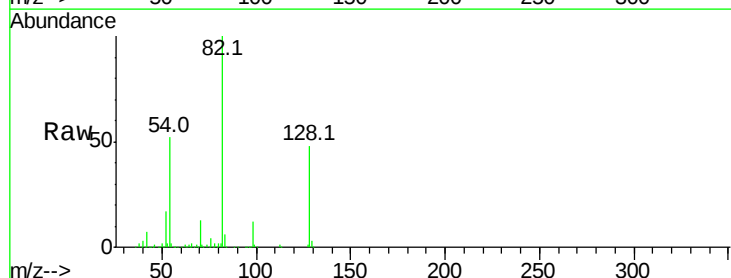
Ion Ratio Lower Upper

70 100

42 48.9 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

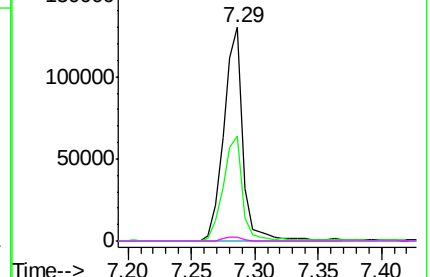
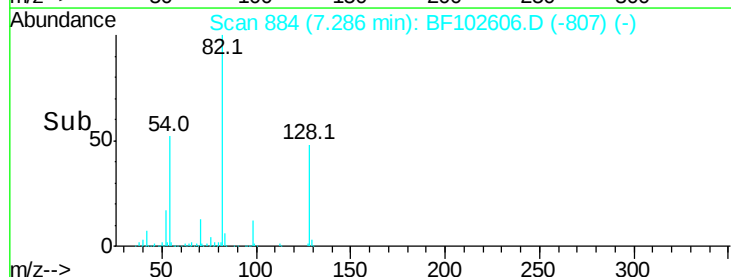


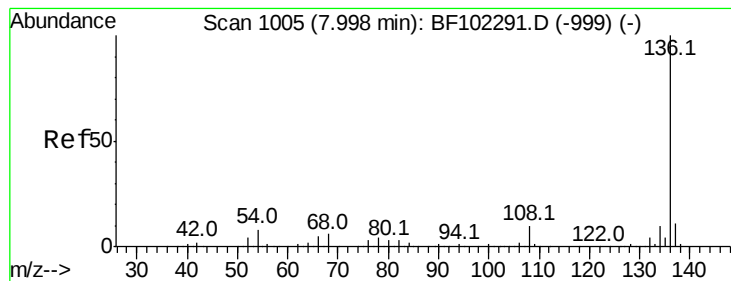
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF102606.D

Acq: 29 Jan 2018 19:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 786107

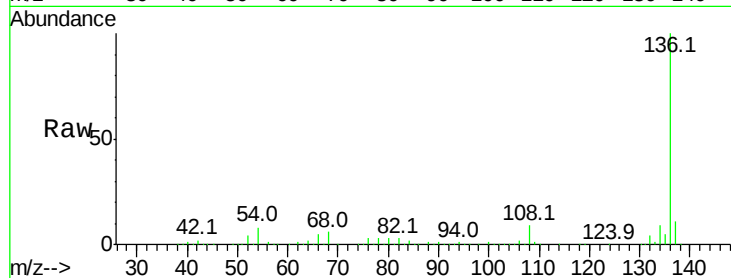
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.1 6.6 9.8

68 5.7 5.0 7.4

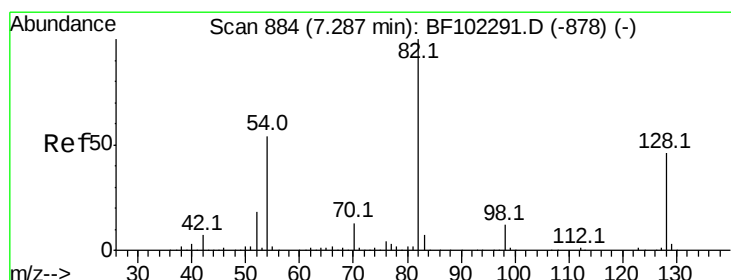
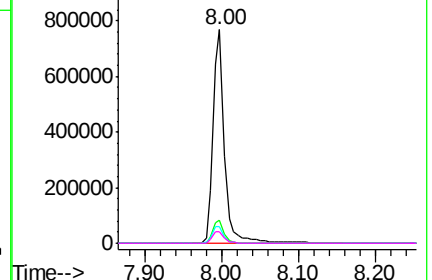
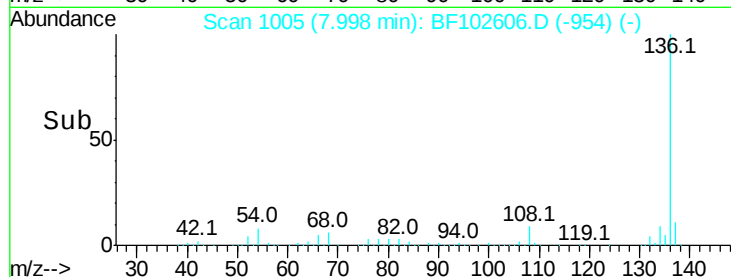


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.848 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102606.D

Acq: 29 Jan 2018 19:28

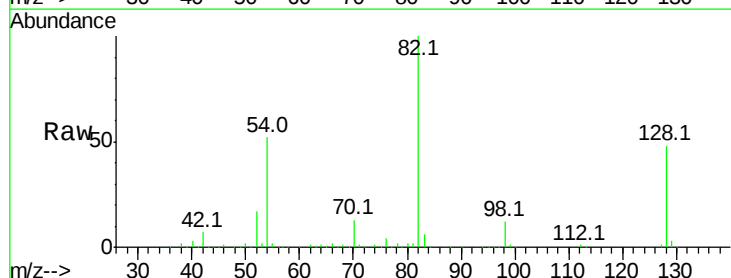
Tgt Ion: 82 Resp: 1051231

Ion Ratio Lower Upper

82 100

128 47.6 36.1 54.1

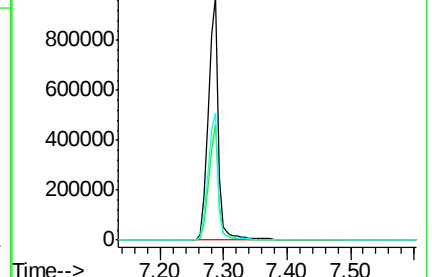
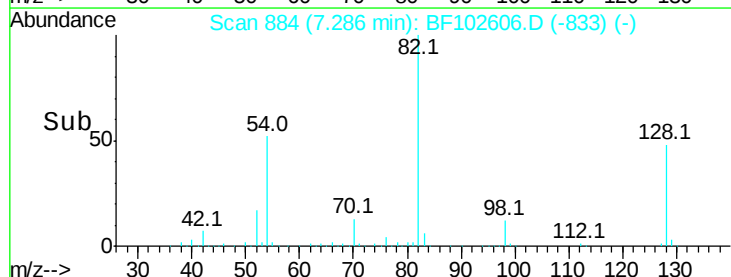
54 52.0 41.4 62.2

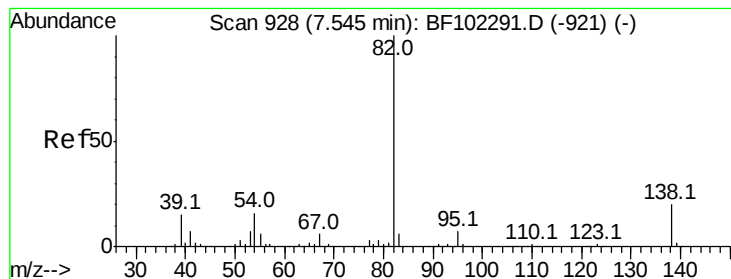


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.106 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102606.D

Acq: 29 Jan 2018 19:28

Instrument :

BNA_F

ClientSampleId :

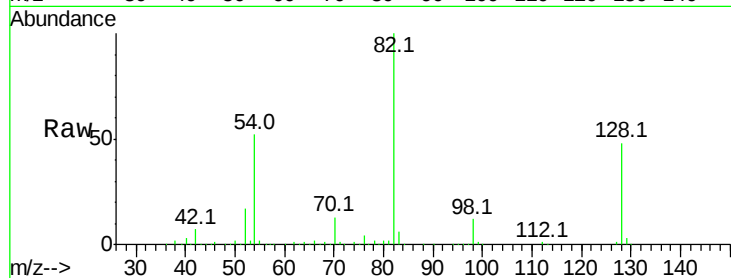
Tot Ion: 82 Resp: 1051225

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

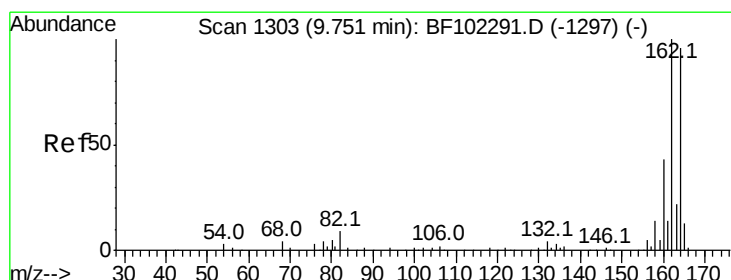
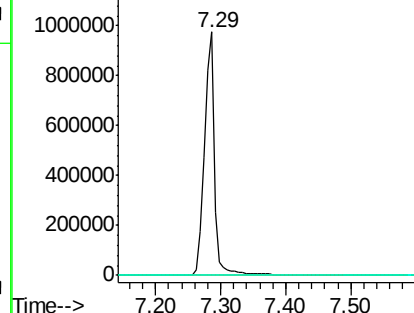
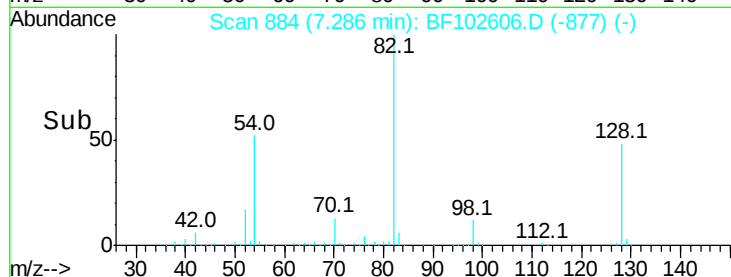
138 0.0 14.9 22.3#



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: BF102606.D

Acq: 29 Jan 2018 19:28

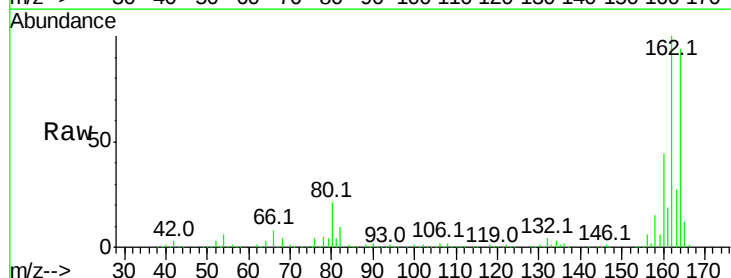
Tgt Ion:164 Resp: 354602

Ion Ratio Lower Upper

164 100

162 106.7 86.1 129.1

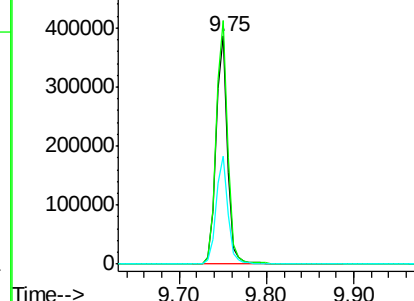
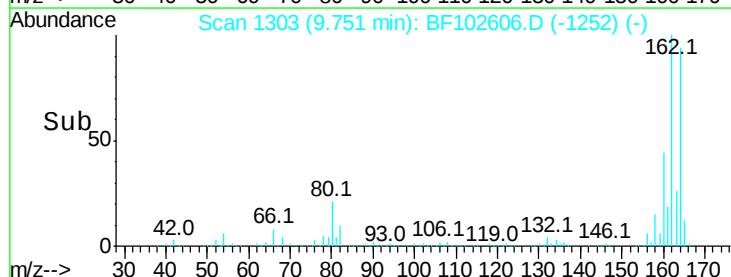
160 47.2 38.3 57.5

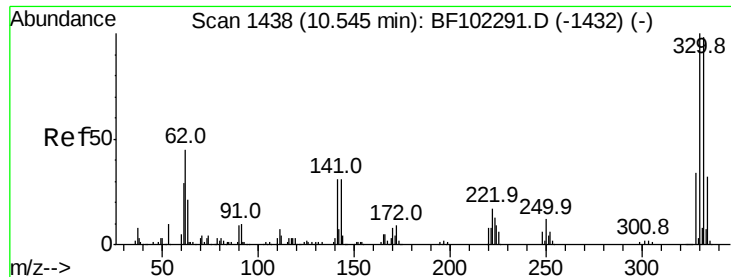


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

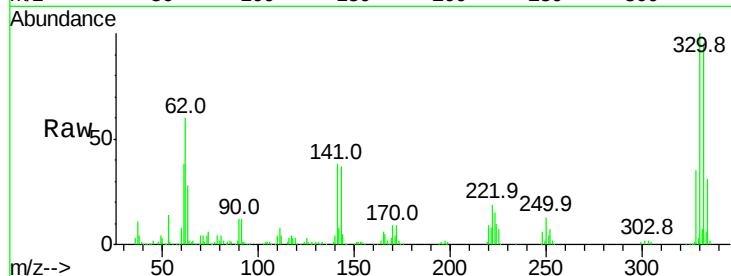




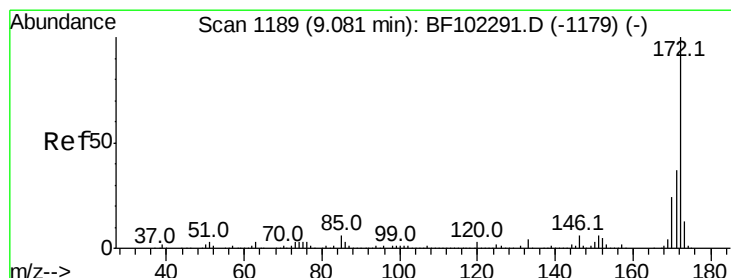
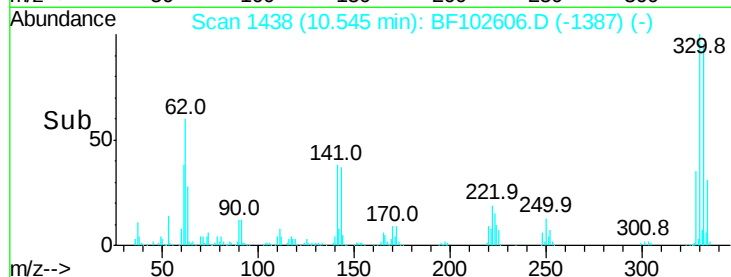
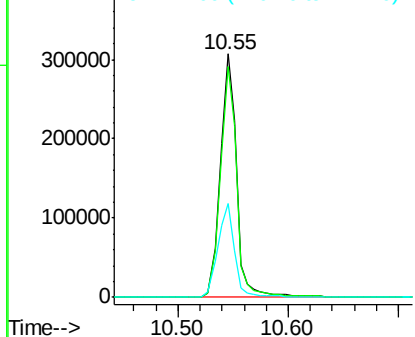
#41
 2,4,6-Tribromophenol
 Concen: 89.897 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102606.D
 Acq: 29 Jan 2018 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	39.6	29.9	44.9

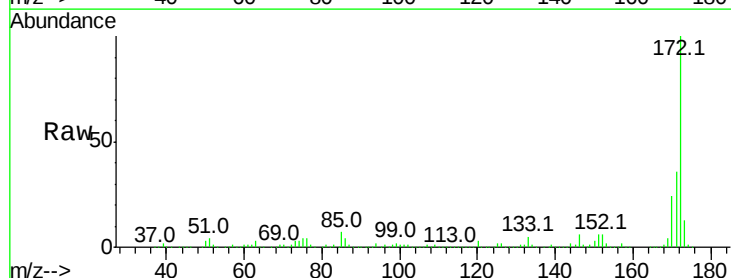


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

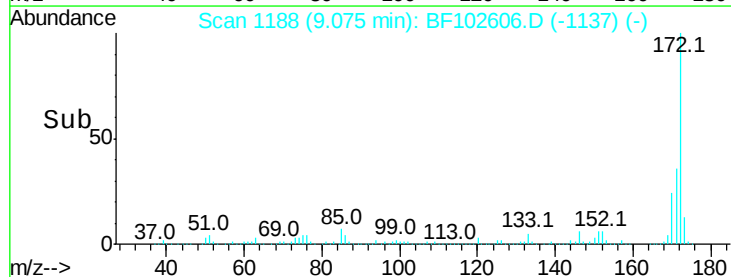
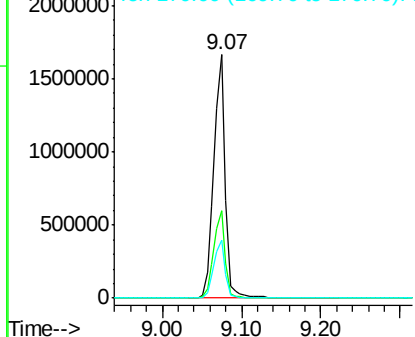


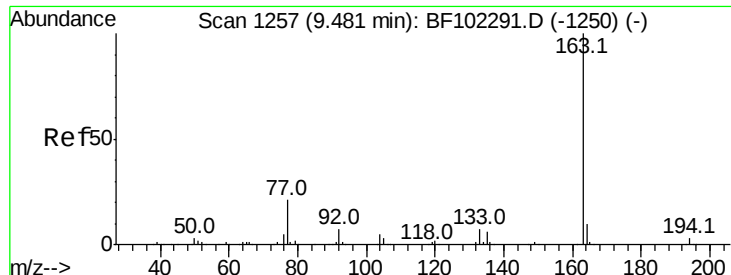
#44
 2-Fluorobiphenyl
 Concen: 69.338 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102606.D
 Acq: 29 Jan 2018 19:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	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

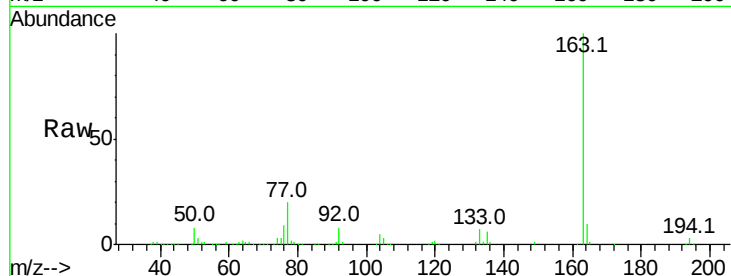




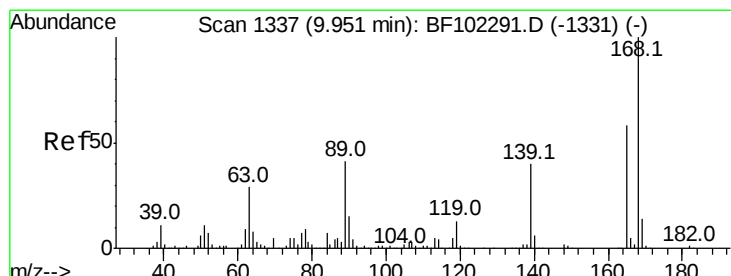
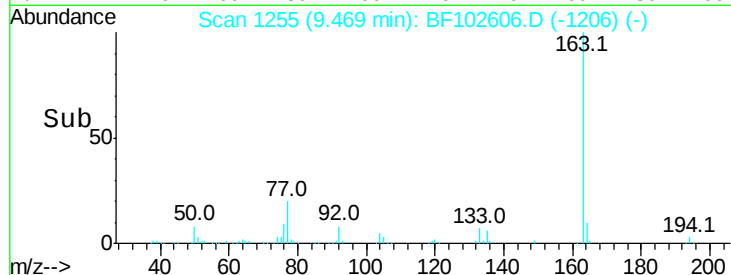
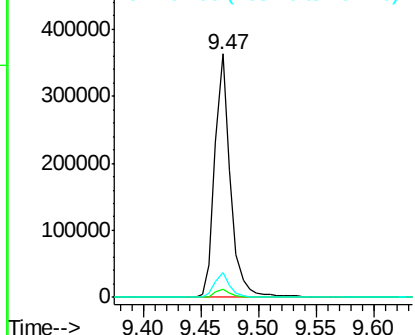
#49
 Dimethylphthalate
 Concen: 11.655 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102606.D
 Acq: 29 Jan 2018 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	163	Resp:	341597
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.9	8.2	12.2

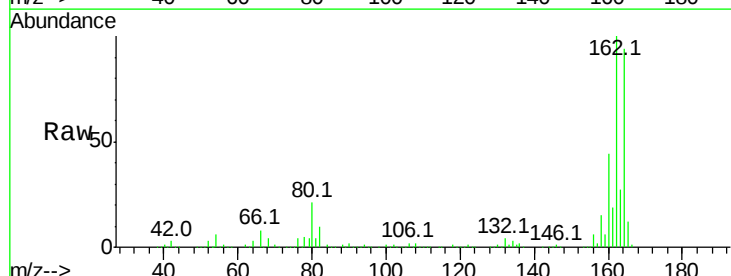


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

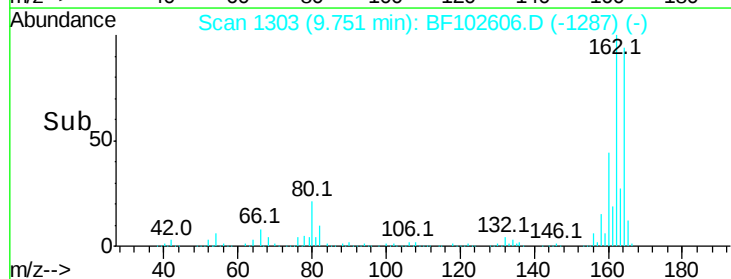
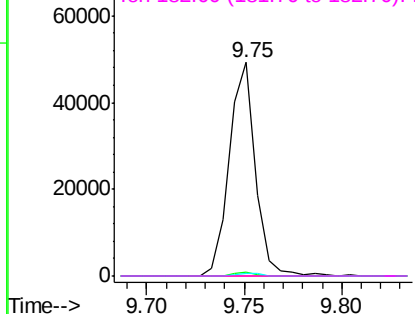


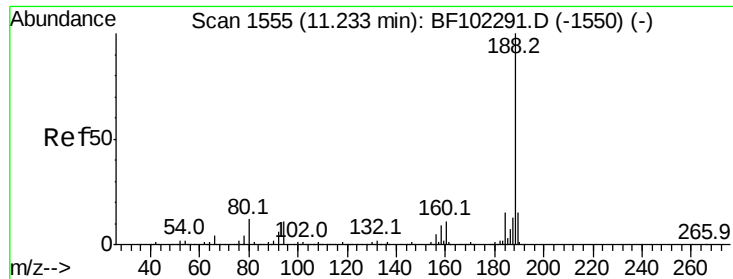
#56
 2,4-Dinitrotoluene
 Concen: 5.891 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF102606.D
 Acq: 29 Jan 2018 19:28

Tgt Ion:	165	Resp:	45781
Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.3	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

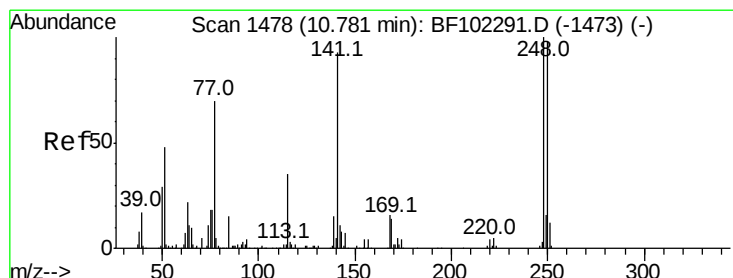
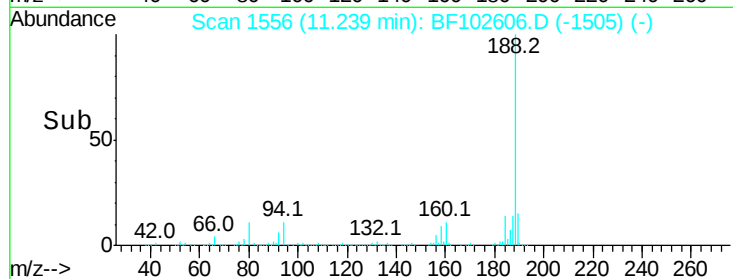
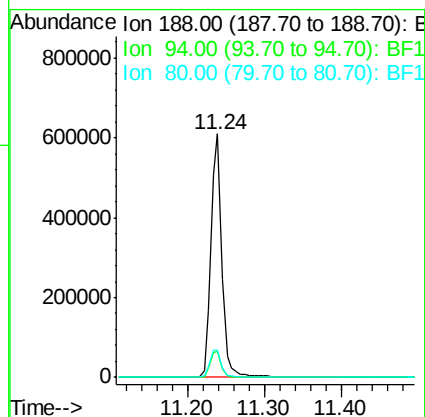
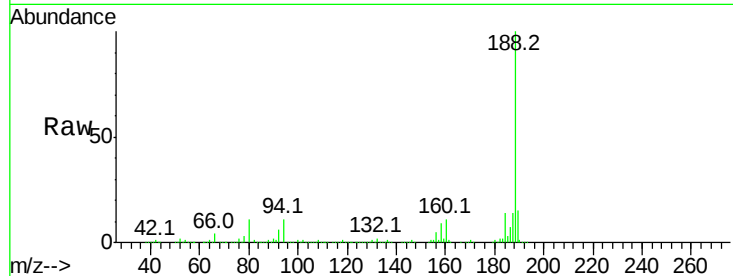




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102606.D
Acq: 29 Jan 2018 19:28

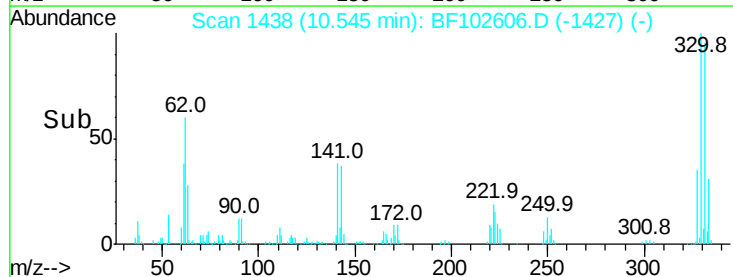
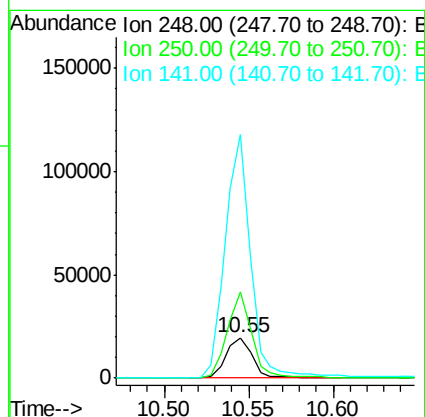
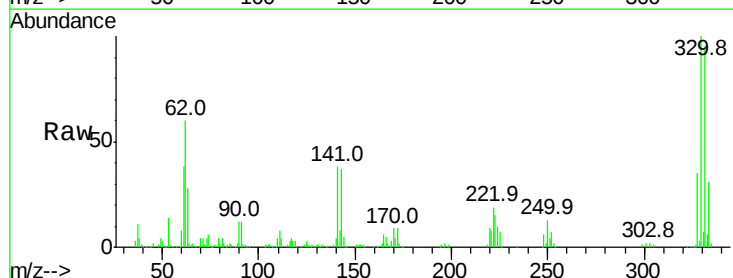
Instrument :
BNA_F
ClientSampleId :

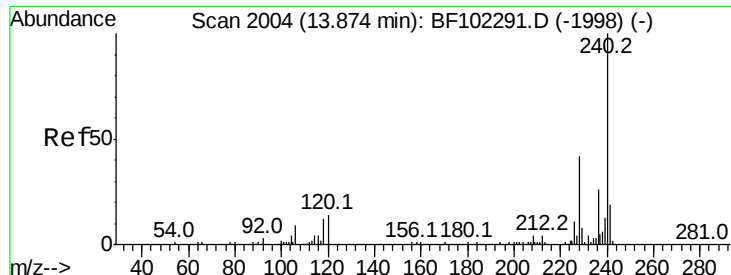
Tot Ion:188 Resp: 596740
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.0 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.322 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102606.D
Acq: 29 Jan 2018 19:28

Tgt Ion:248 Resp: 21338
Ion Ratio Lower Upper
248 100
250 213.4 76.9 115.3#
141 607.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF102606.D

Acq: 29 Jan 2018 19:28

Instrument :

BNA_F

ClientSampled :

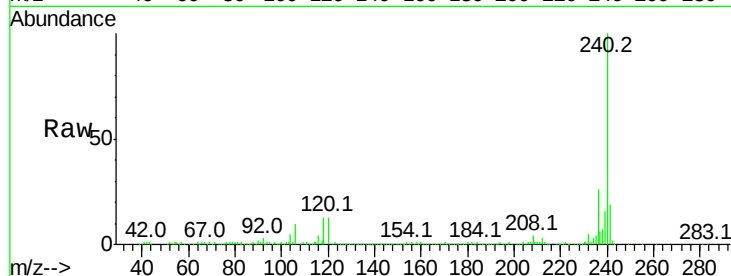
Tot Ion:240 Resp: 428232

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

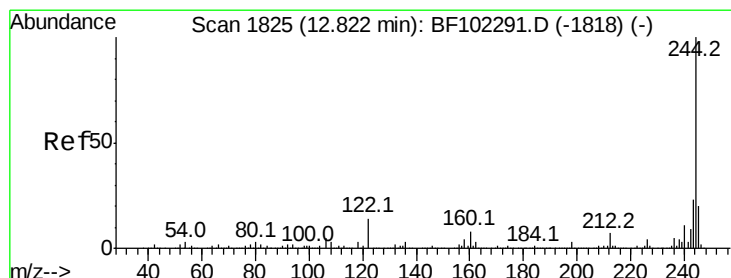
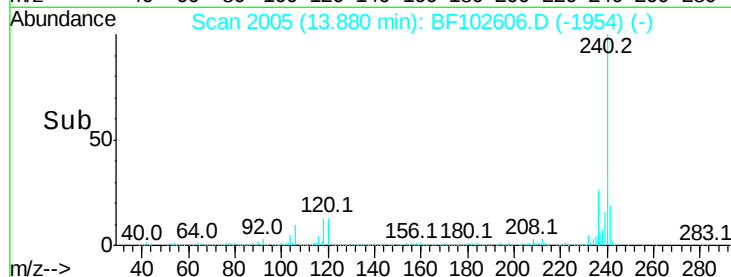
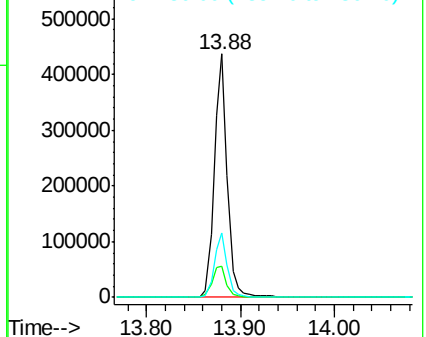
236 26.3 20.7 31.1



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: 76.585 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF102606.D

Acq: 29 Jan 2018 19:28

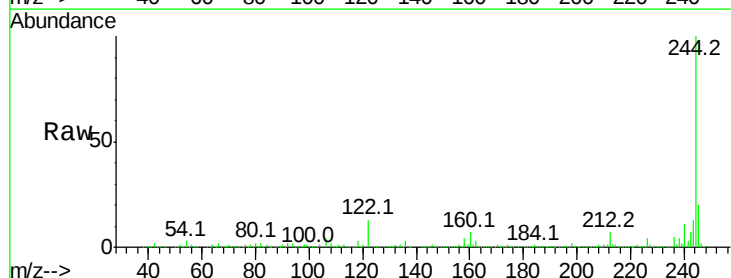
Tgt Ion:244 Resp: 1454797

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

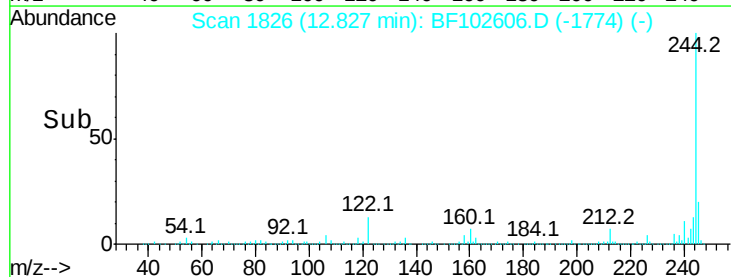
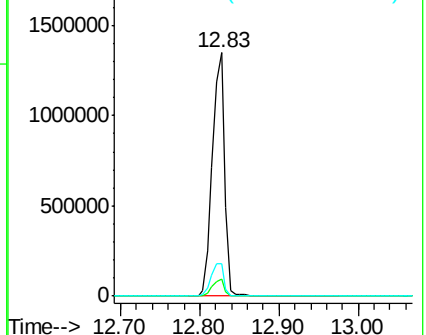
122 13.1 11.0 16.4

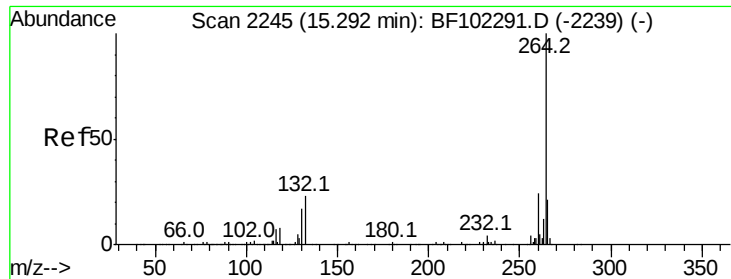


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

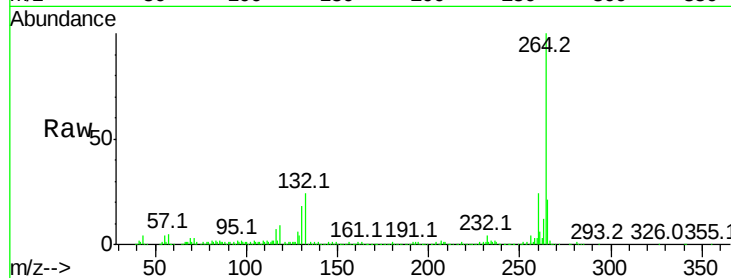




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102606.D
Acq: 29 Jan 2018 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	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

