

Data Path : U:\HPCHEM1\BNA F\DATA\BF012418\
 Data File : BF102395.D
 Acq On : 24 Jan 2018 17:51
 Operator : SJ/JU
 Sample : J1249-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 00:09:23 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

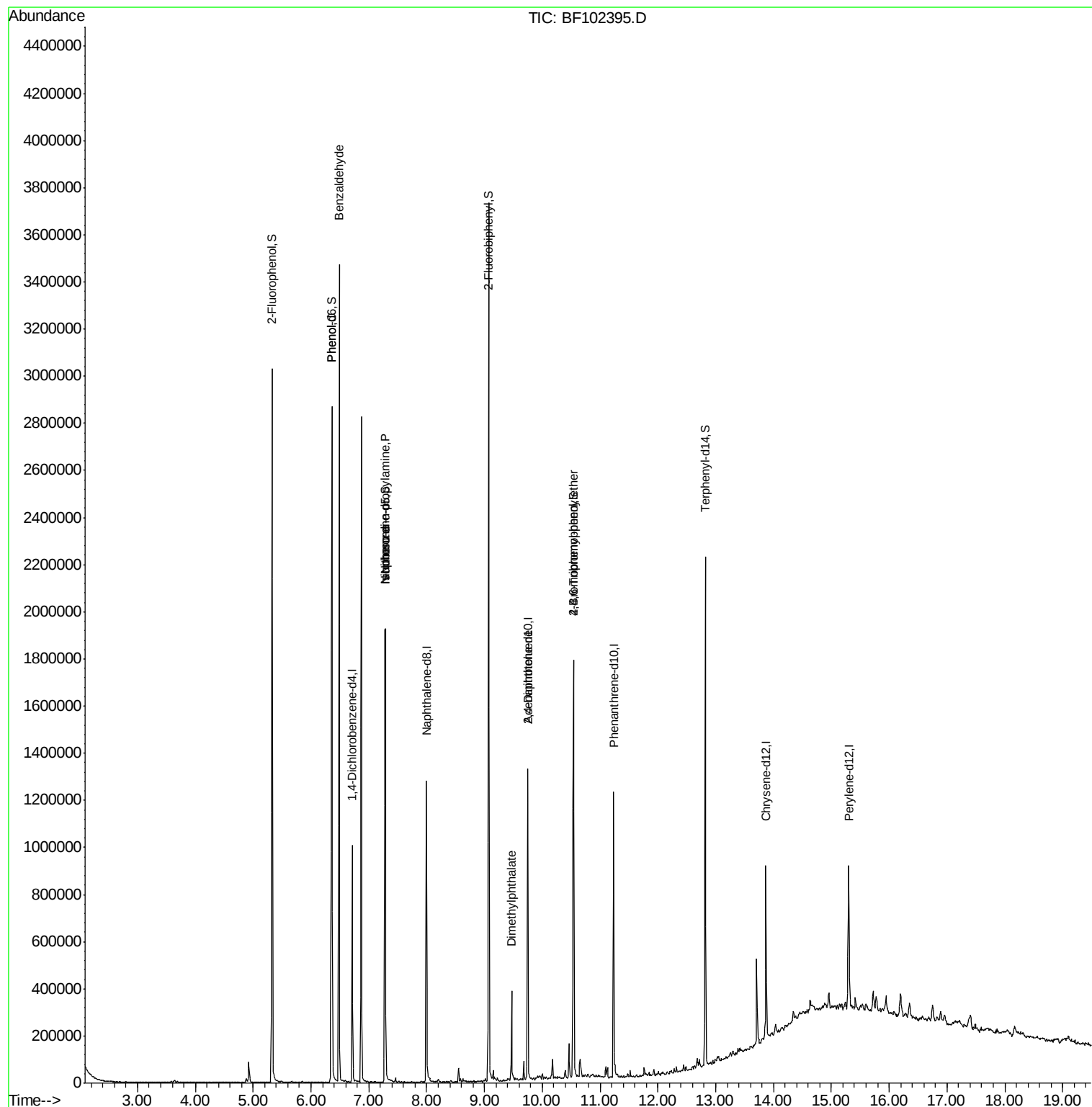
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	149607	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	618635	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	268485	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	408297	20.00	ng	0.00
75) Chrysene-d12	13.87	240	269544	20.00	ng	0.00
86) Perylene-d12	15.30	264	267452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	974361	98.75	ng	0.00
7) Phenol-d6	6.36	99	1164160	97.87	ng	0.00
23) Nitrobenzene-d5	7.28	82	743956	69.11	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	203136	76.36	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1179413	64.59	ng	0.00
78) Terphenyl-d14	12.82	244	730838	61.12	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	20068	2.450	ng	84
10) Phenol	6.37	94	64424	4.961	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	98098	13.476	ng	# 80
25) Isophorone	7.28	82	729774	38.026	ng	# 64
49) Dimethylphthalate	9.47	163	146531	6.603	ng	99
56) 2,4-Dinitrotoluene	9.75	165	33899	5.761	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	13637	3.103	ng	# 1

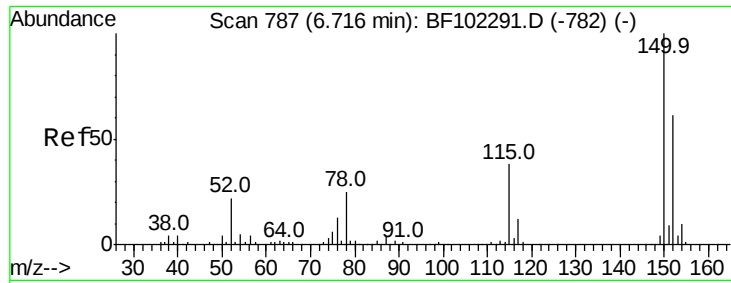
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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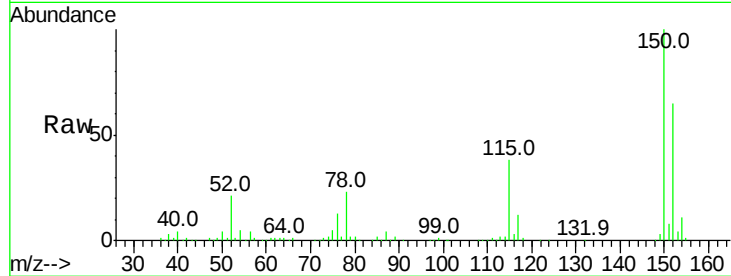


#1

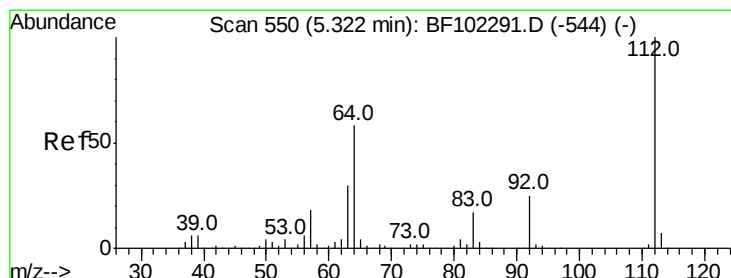
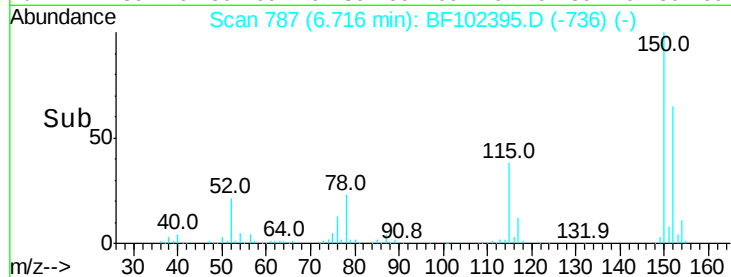
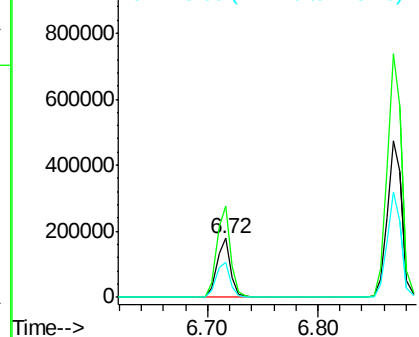
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102395.D
Acq: 24 Jan 2018 17:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 149607
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 58.4 50.1 75.1



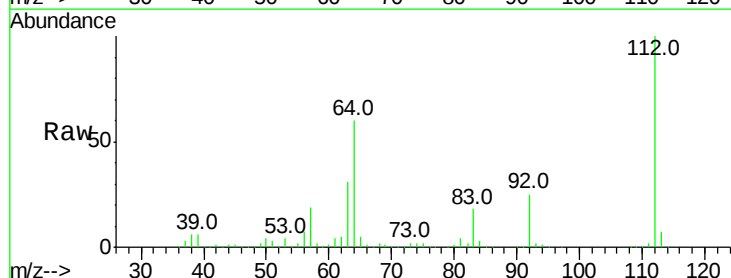
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



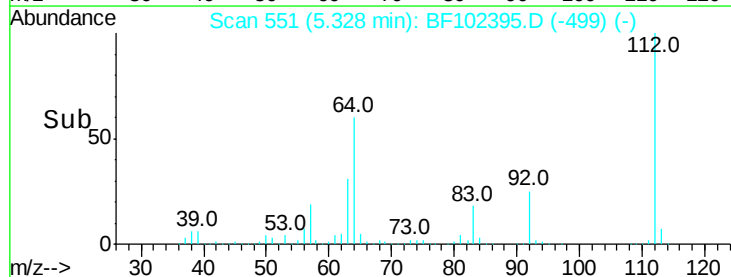
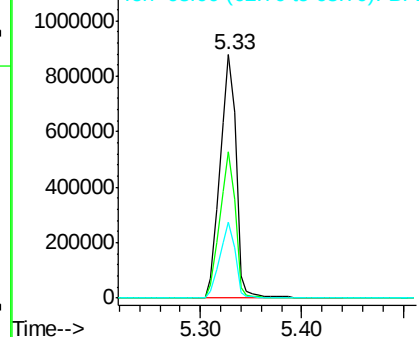
#5

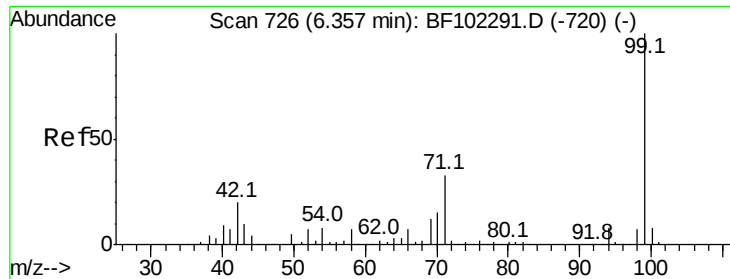
2-Fluorophenol
Concen: 98.751 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102395.D
Acq: 24 Jan 2018 17:51

Tgt Ion:112 Resp: 974361
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 31.3 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: 97.867 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102395.D

Acq: 24 Jan 2018 17:51

Instrument :

BNA_F

ClientSampled :

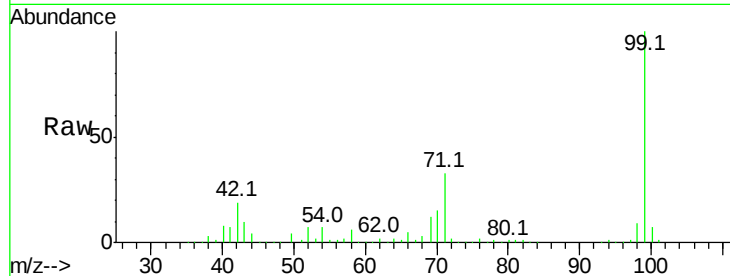
Tot Ion: 99 Resp: 1164160

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

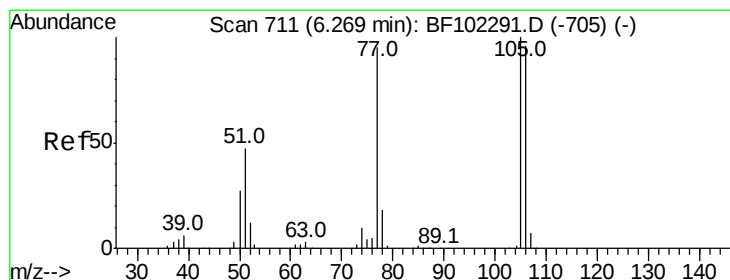
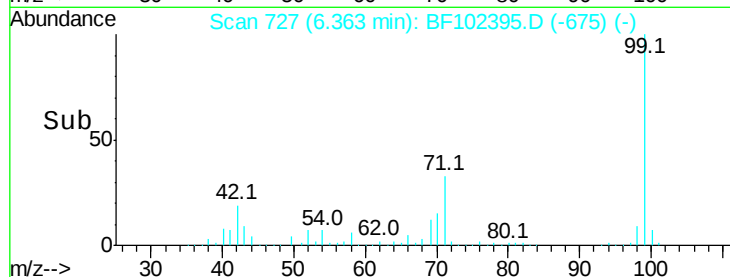
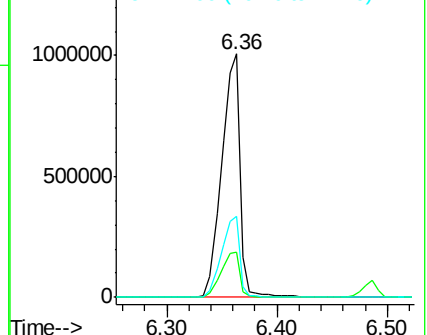
71 33.1 25.4 38.0



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: 2.450 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102395.D

Acq: 24 Jan 2018 17:51

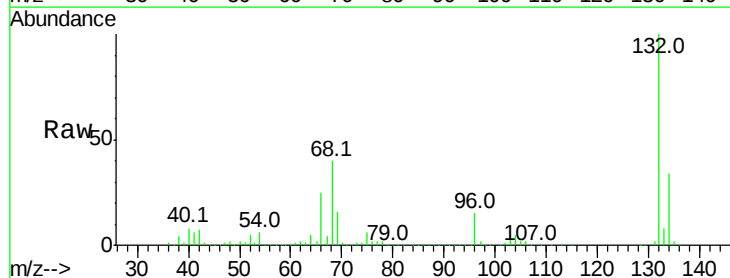
Tgt Ion: 77 Resp: 20068

Ion Ratio Lower Upper

77 100

105 82.5 81.1 121.1

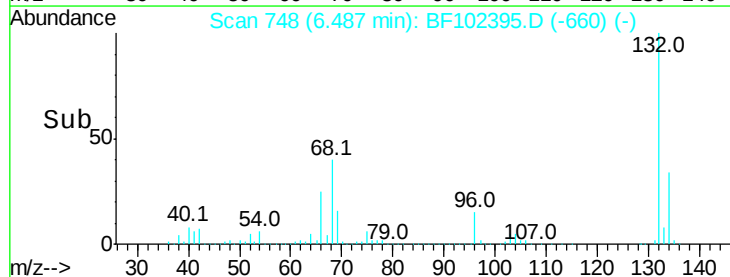
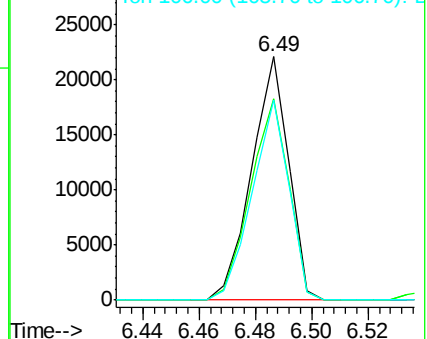
106 82.2 74.5 114.5

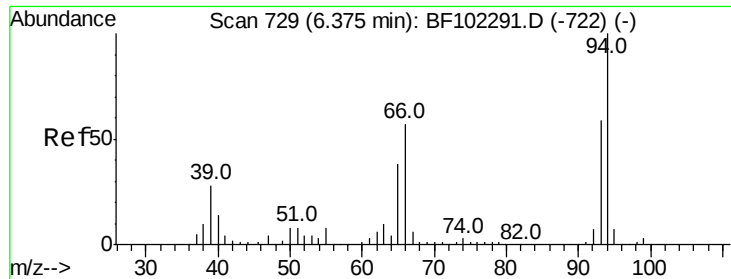


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 4.961 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102395.D

Acq: 24 Jan 2018 17:51

Instrument :

BNA_F

ClientSampled :

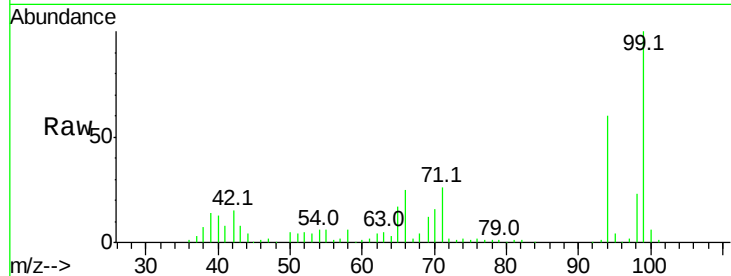
Tot Ion: 94 Resp: 64424

Ion Ratio Lower Upper

94 100

65 29.1 7.9 47.9

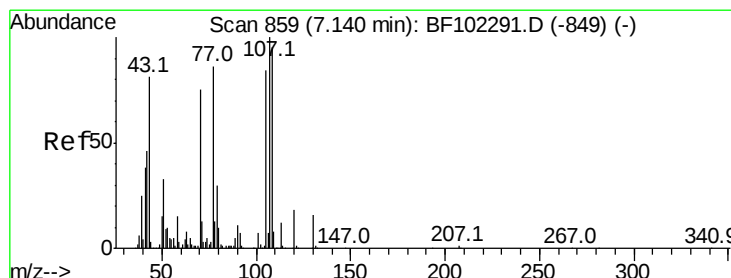
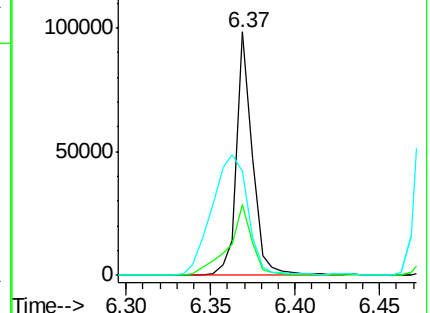
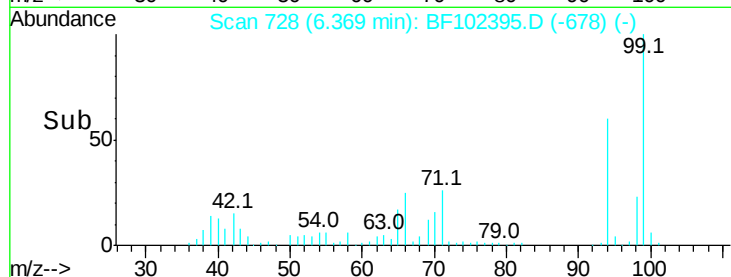
66 42.8 16.2 56.2



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: 13.476 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF102395.D

Acq: 24 Jan 2018 17:51

Tgt Ion: 70 Resp: 98098

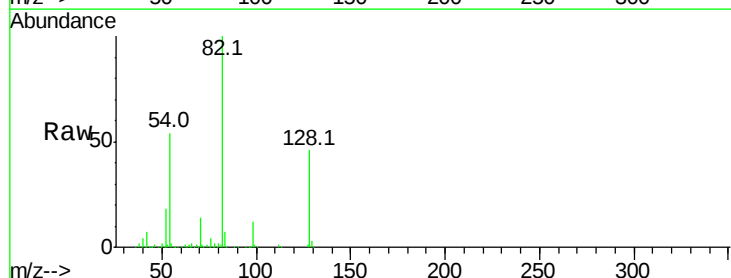
Ion Ratio Lower Upper

70 100

42 50.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

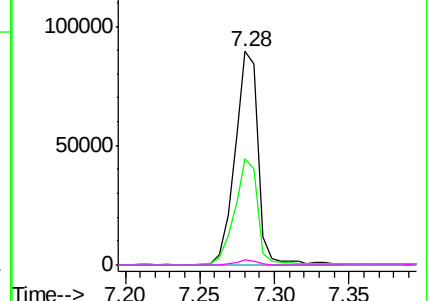
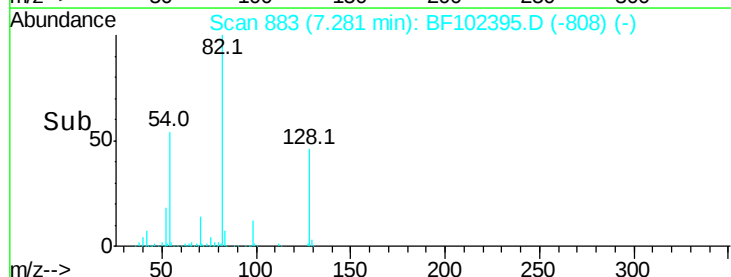


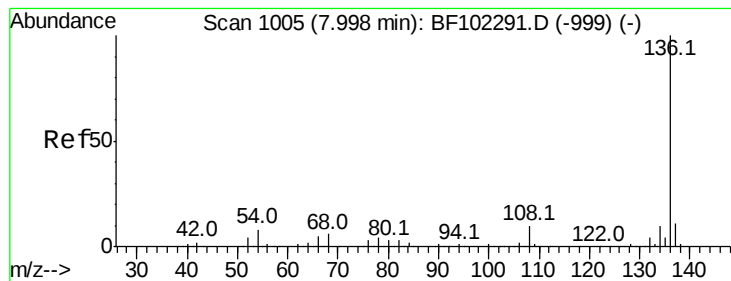
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF102395.D

Acq: 24 Jan 2018 17:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 618635

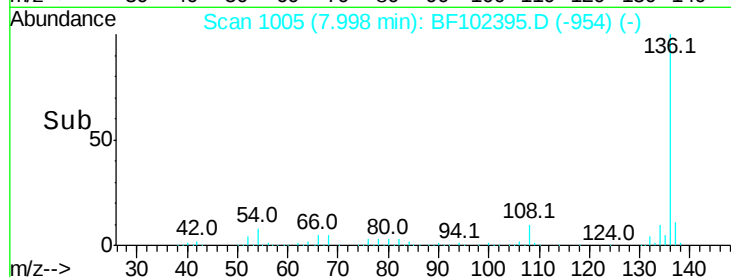
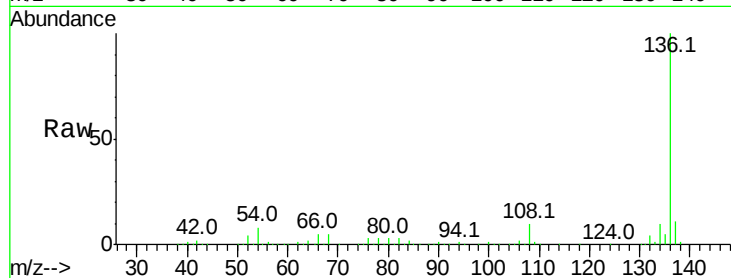
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.7 6.6 9.8

68 5.3 5.0 7.4

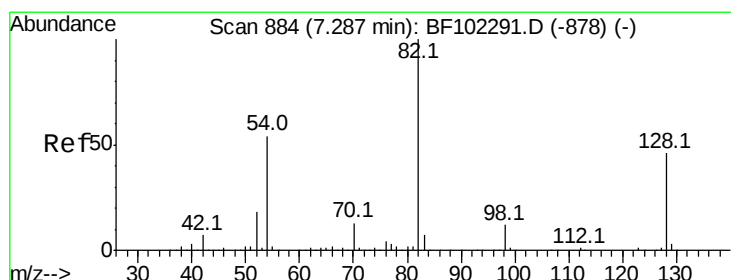
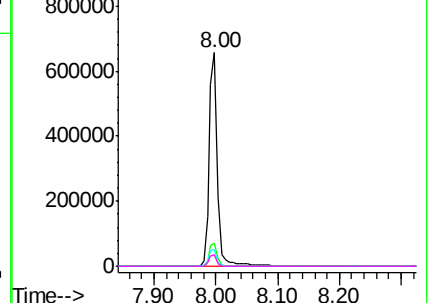


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.108 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102395.D

Acq: 24 Jan 2018 17:51

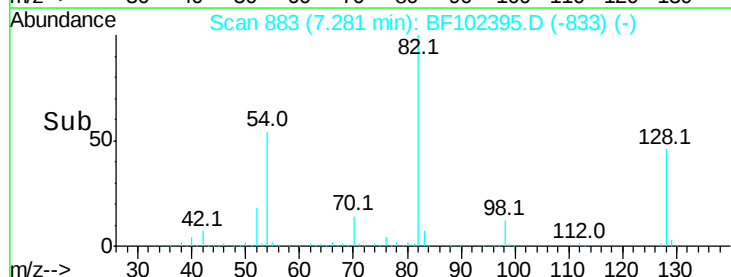
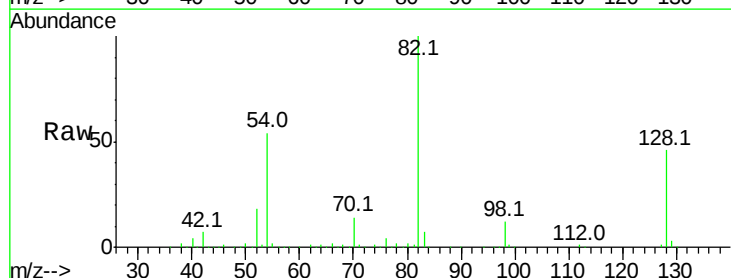
Tgt Ion: 82 Resp: 743956

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

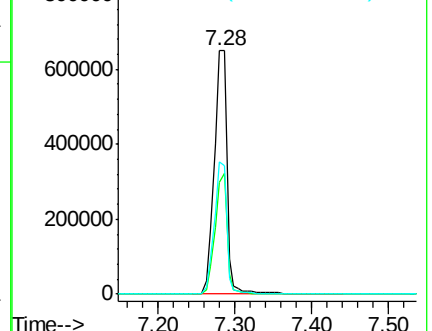
54 54.1 41.4 62.2

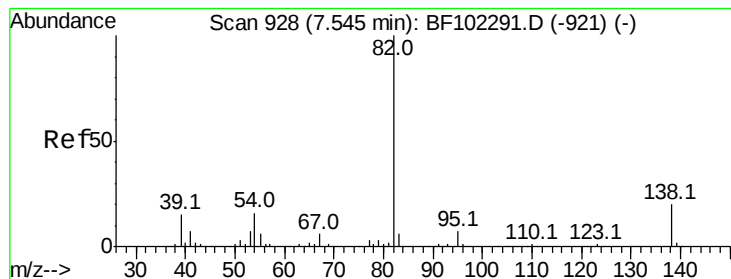


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.026 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102395.D

Acq: 24 Jan 2018 17:51

Instrument :

BNA_F

ClientSampleId :

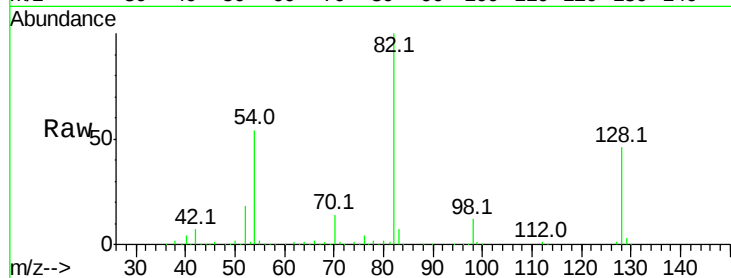
Tot Ion: 82 Resp: 729774

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

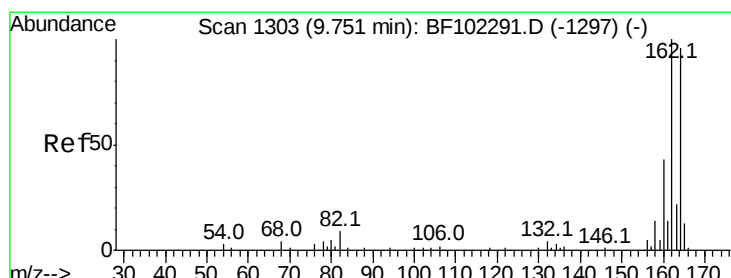
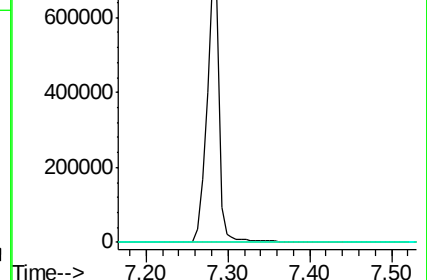
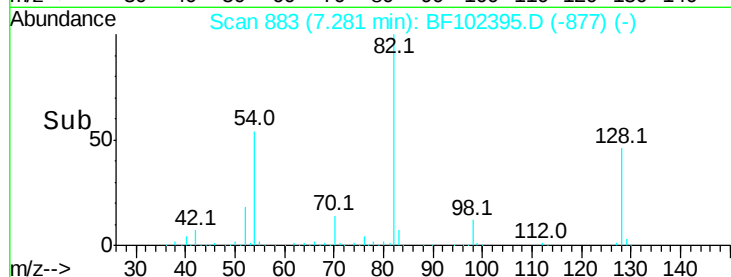
138 0.0 14.9 22.3#



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: BF102395.D

Acq: 24 Jan 2018 17:51

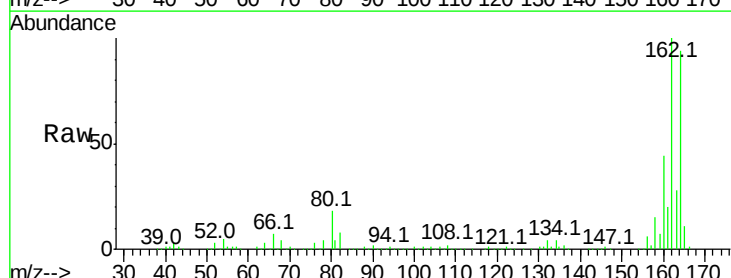
Tgt Ion:164 Resp: 268485

Ion Ratio Lower Upper

164 100

162 106.7 86.1 129.1

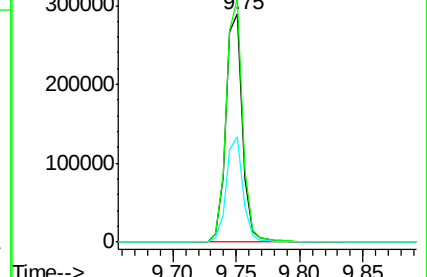
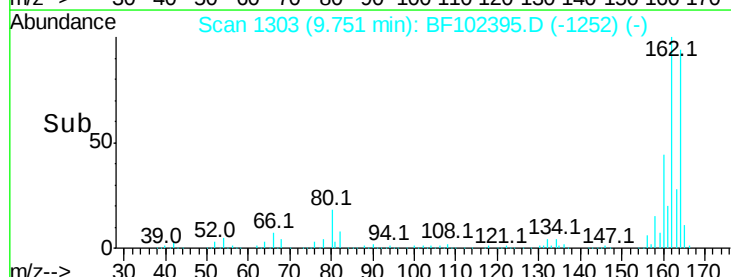
160 46.4 38.3 57.5

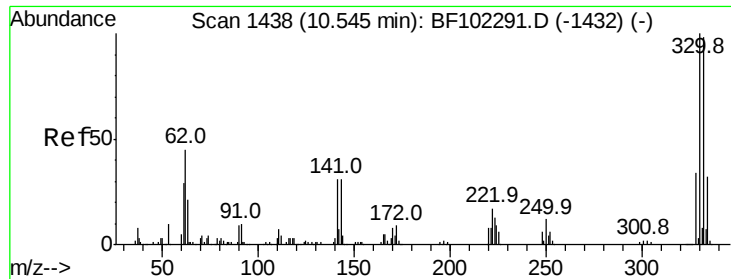


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 76.358 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102395.D

Acq: 24 Jan 2018 17:51

Instrument :

BNA_F

ClientSampleId :

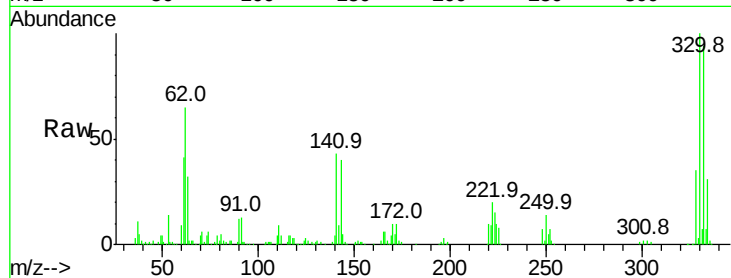
Tot Ion:330 Resp: 203136

Ion Ratio Lower Upper

330 100

332 93.7 77.0 115.6

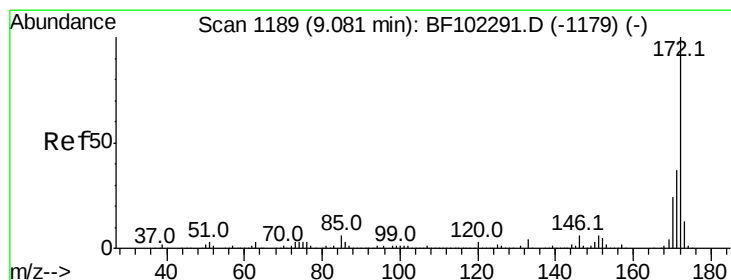
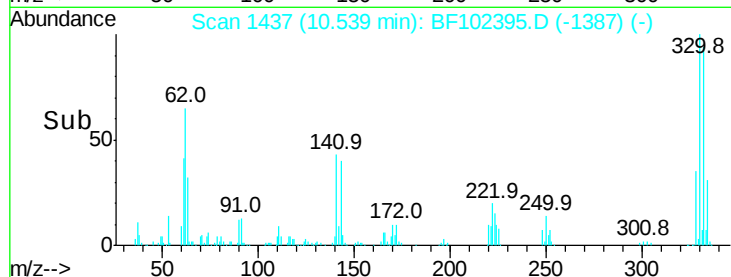
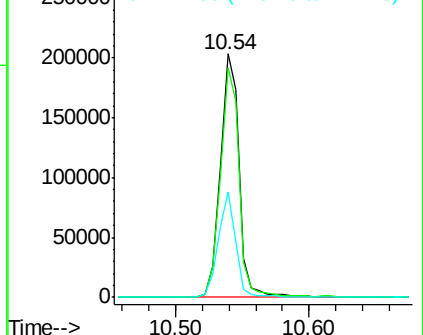
141 40.8 29.9 44.9



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: 64.590 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF102395.D

Acq: 24 Jan 2018 17:51

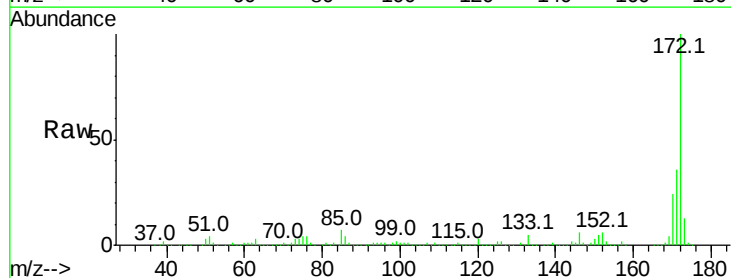
Tgt Ion:172 Resp: 1179413

Ion Ratio Lower Upper

172 100

171 35.7 29.7 44.5

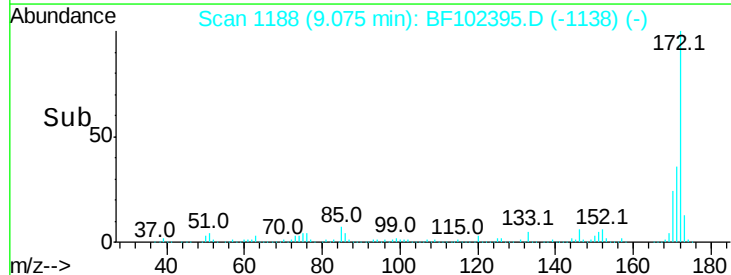
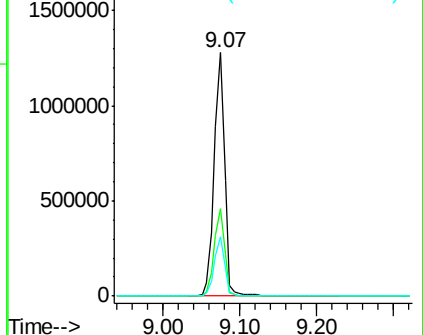
170 24.2 19.6 29.4

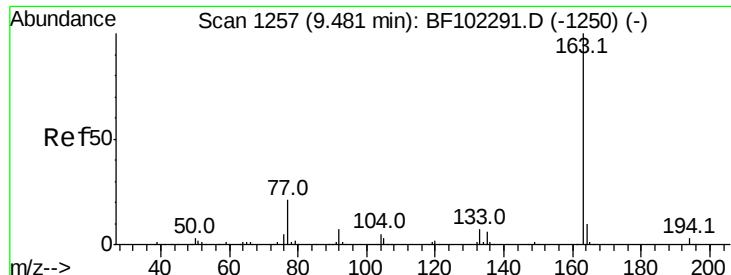


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.603 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF102395.D

Acq: 24 Jan 2018 17:51

Instrument :

BNA_F

ClientSampleId :

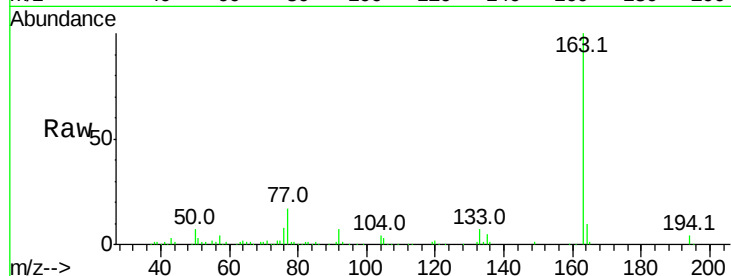
Tot Ion:163 Resp: 146531

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

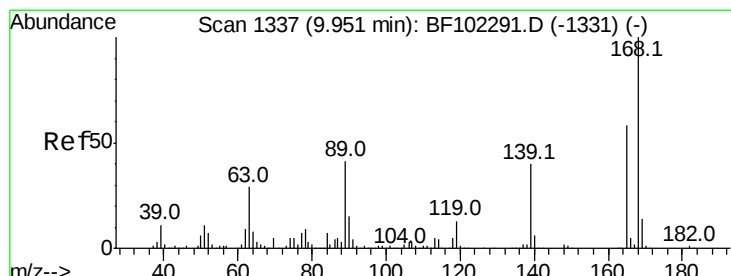
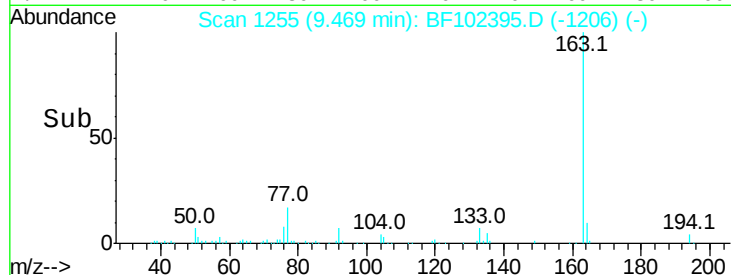
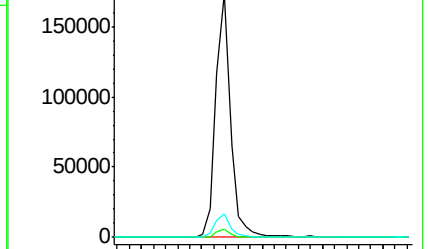
164 9.9 8.2 12.2



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: 5.761 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.21 min

Lab File: BF102395.D

Acq: 24 Jan 2018 17:51

Tgt Ion:165 Resp: 33899

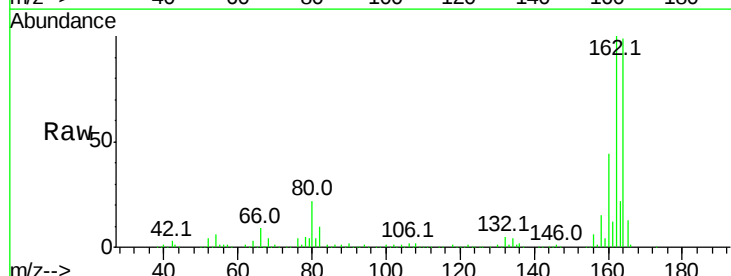
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 0.9 57.8 86.6#

182 0.0 1.6 2.4#

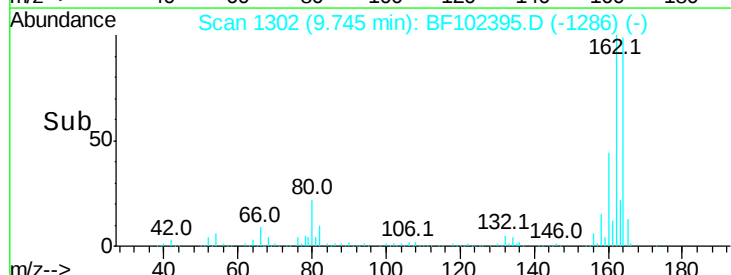
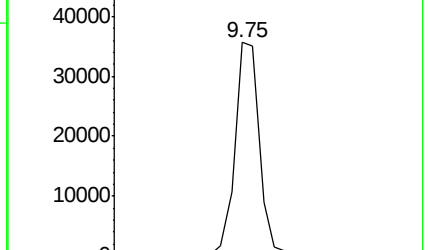


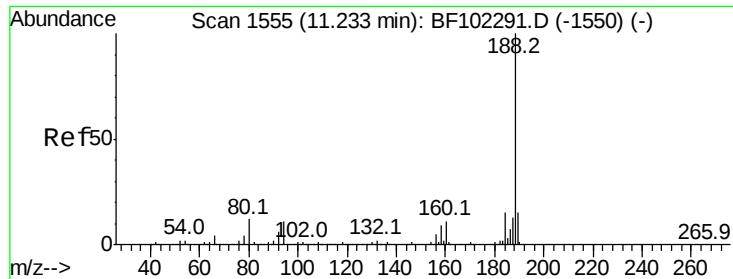
Abundance Ion 165.00 (164.70 to 165.70): E

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

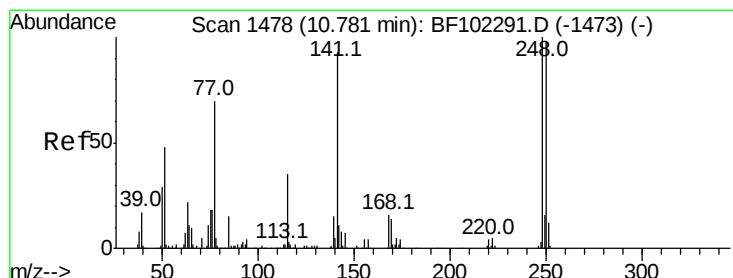
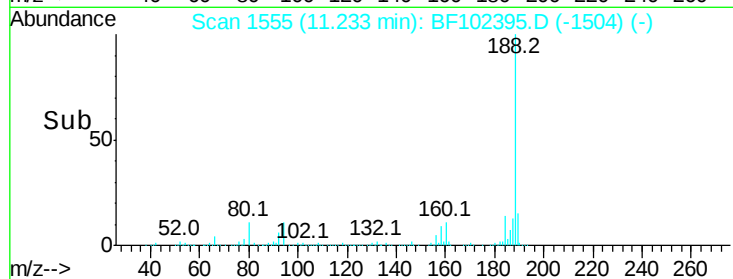
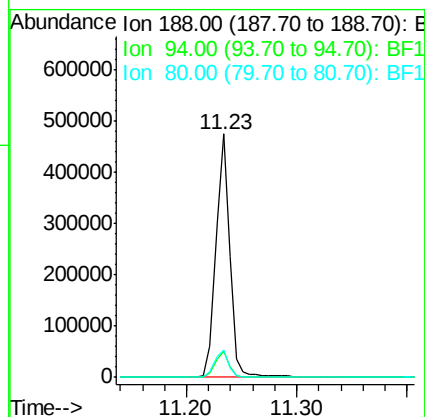
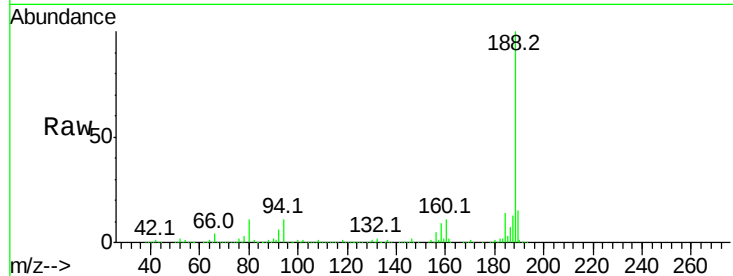




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102395.D
Acq: 24 Jan 2018 17:51

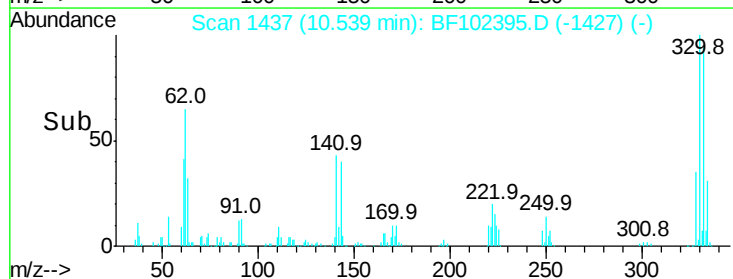
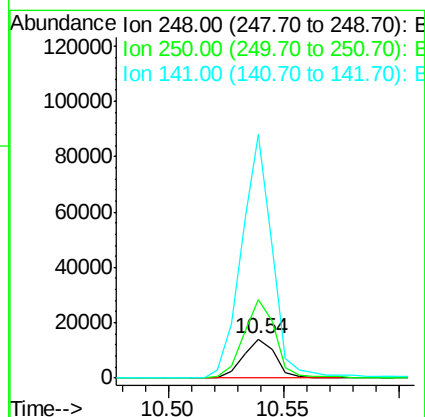
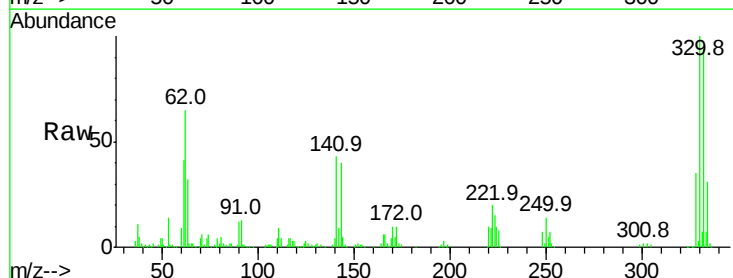
Instrument :
BNA_F
ClientSampleId :

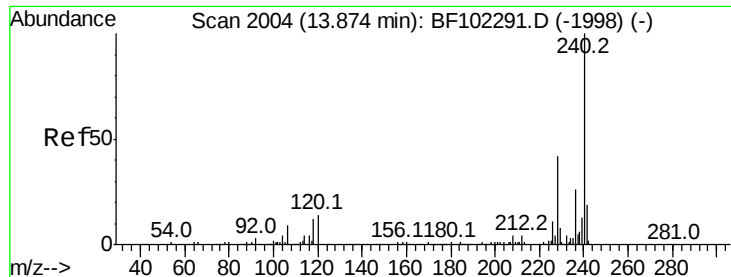
Tot Ion:188 Resp: 408297
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.1 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.103 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102395.D
Acq: 24 Jan 2018 17:51

Tgt Ion:248 Resp: 13637
Ion Ratio Lower Upper
248 100
250 200.5 76.9 115.3#
141 625.5 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: BF102395.D

Acq: 24 Jan 2018 17:51

Instrument :

BNA_F

ClientSampleId :

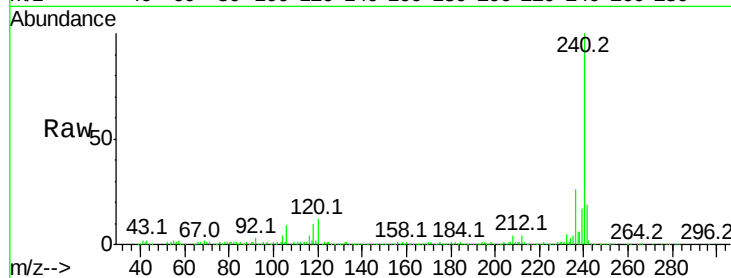
Tot Ion:240 Resp: 269544

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

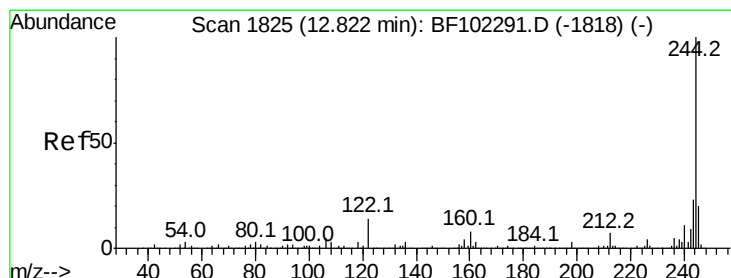
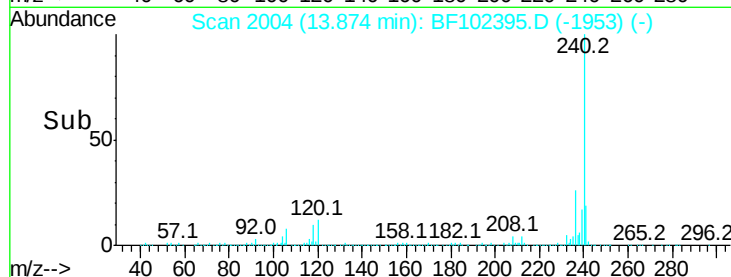
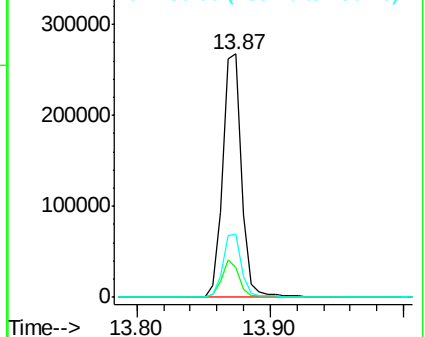
236 25.7 20.7 31.1



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: 61.124 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102395.D

Acq: 24 Jan 2018 17:51

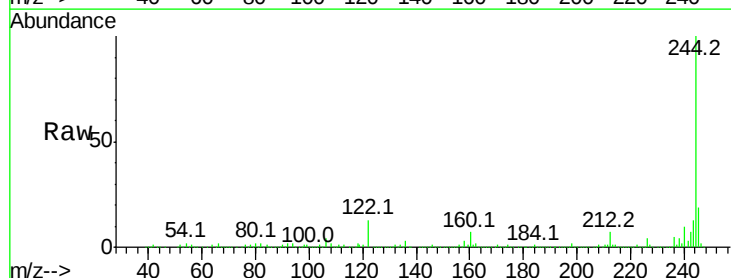
Tgt Ion:244 Resp: 730838

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

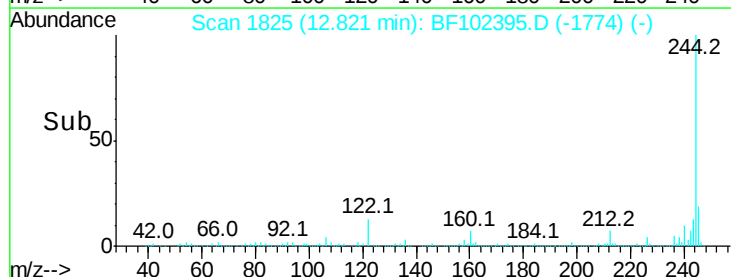
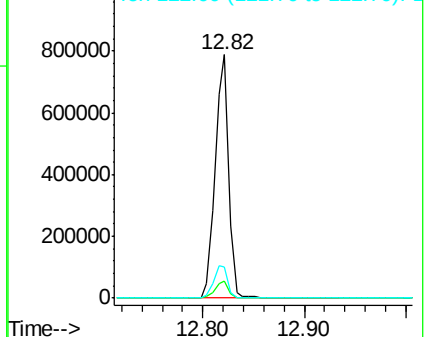
122 12.6 11.0 16.4

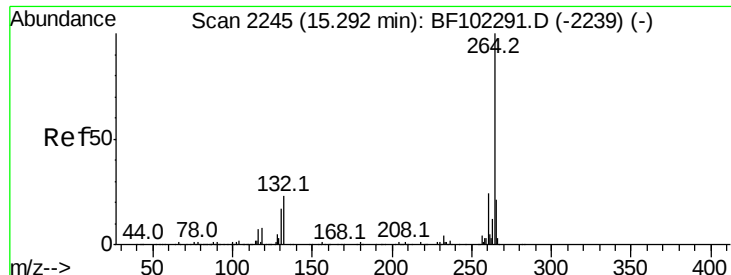


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF102395.D
Acq: 24 Jan 2018 17:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.0	17.5	26.3

