

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102359.D
 Acq On : 23 Jan 2018 23:06
 Operator : SJ/JU
 Sample : J1248-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 23:46:40 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

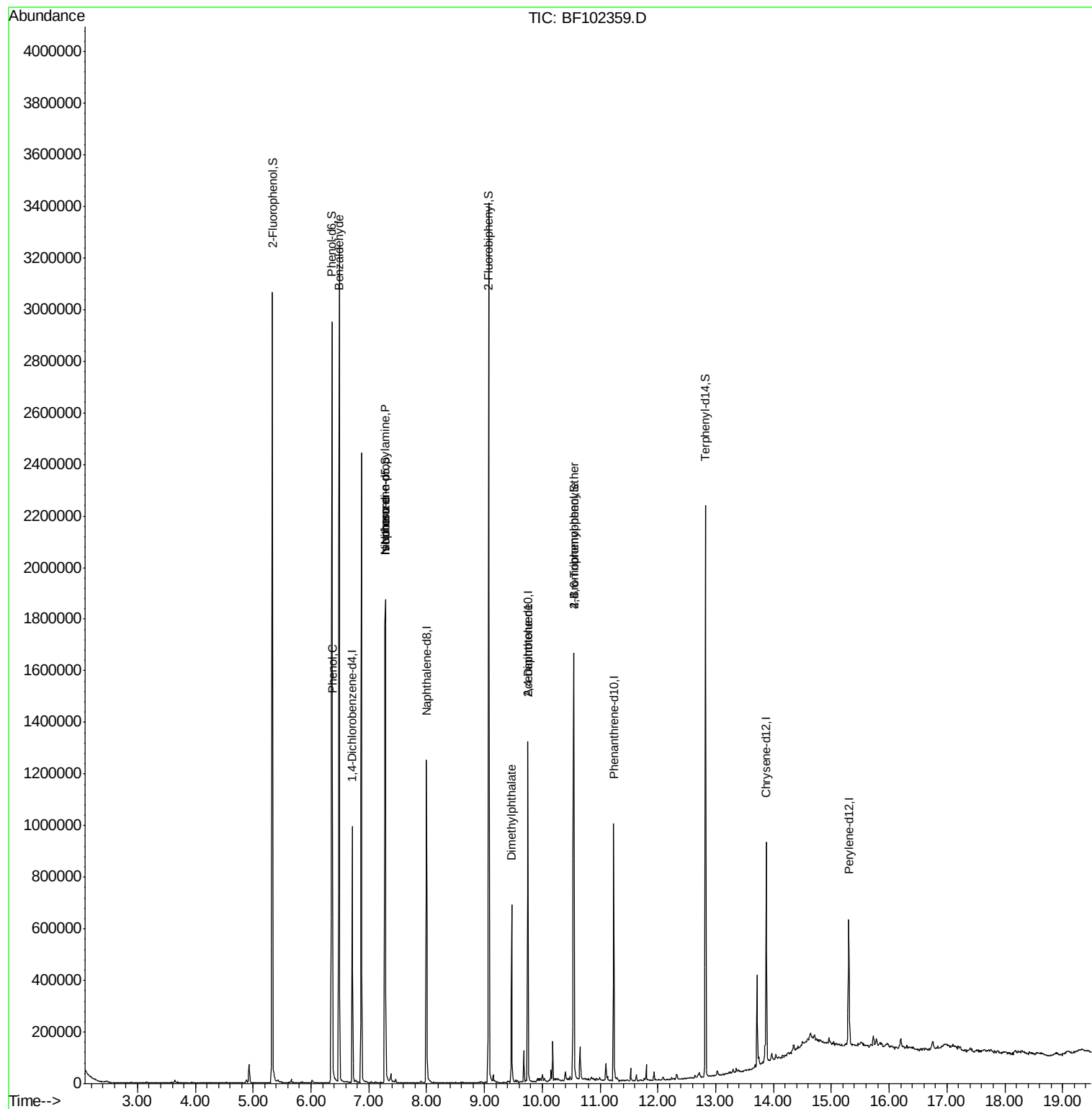
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	134854	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	566921	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	242072	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	376100	20.00	ng	0.00
75) Chrysene-d12	13.87	240	270692	20.00	ng	0.00
86) Perylene-d12	15.30	264	217323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	946471	106.42	ng	0.01
7) Phenol-d6	6.36	99	1137777	106.11	ng	0.00
23) Nitrobenzene-d5	7.29	82	703715	71.33	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	212480	88.59	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1076176	65.37	ng	0.00
78) Terphenyl-d14	12.82	244	754290	62.82	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	20732	2.788	ng	84
10) Phenol	6.37	94	38316	3.273	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	93444	14.241	ng	# 77
25) Isophorone	7.29	82	690586	39.266	ng	# 64
49) Dimethylphthalate	9.47	163	255835	12.786	ng	100
56) 2,4-Dinitrotoluene	9.75	165	30503	5.750	ng	# 23
66) 4-Bromophenyl-phenylether	10.55	248	14312	3.535	ng	# 1

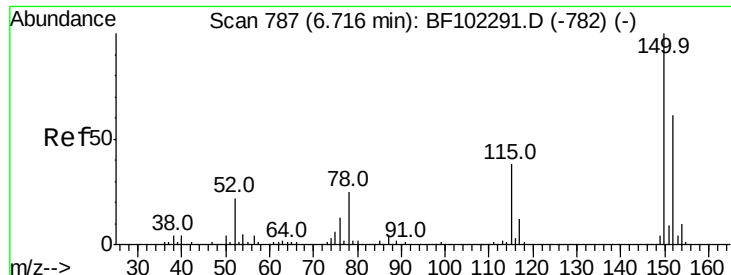
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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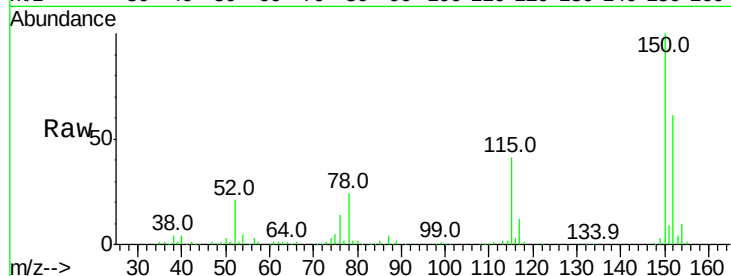


#1

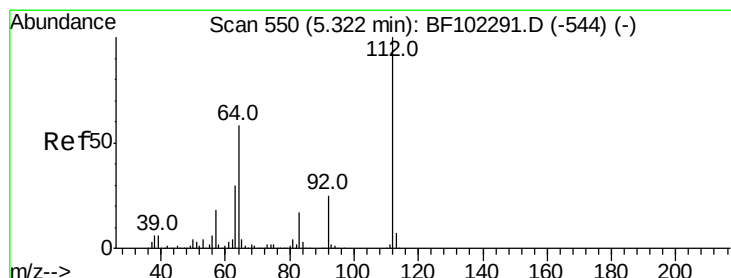
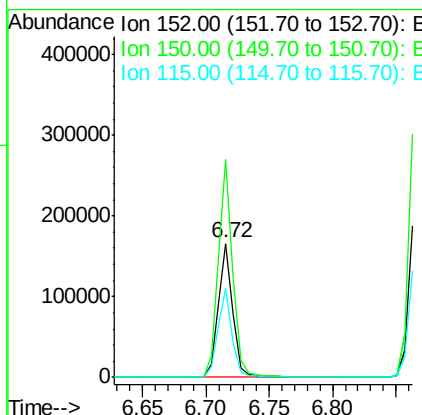
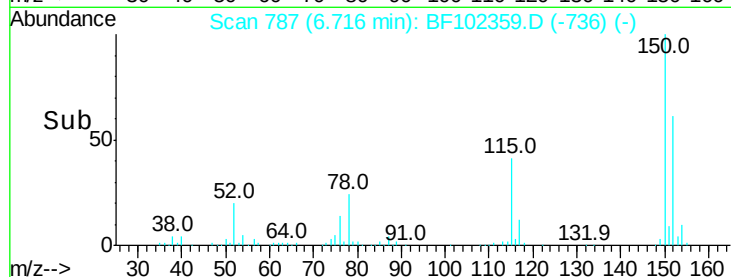
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102359.D
Acq: 23 Jan 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134854
Ion Ratio Lower Upper
152 100
150 163.0 124.6 186.8
115 66.3 50.1 75.1



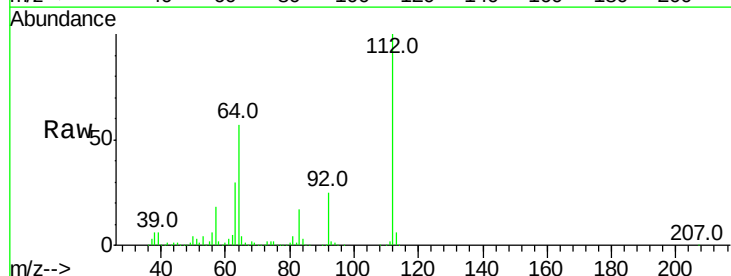
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



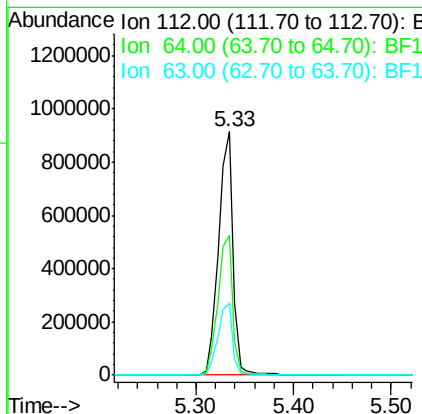
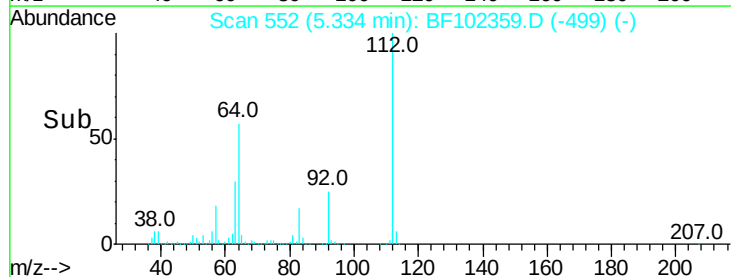
#5

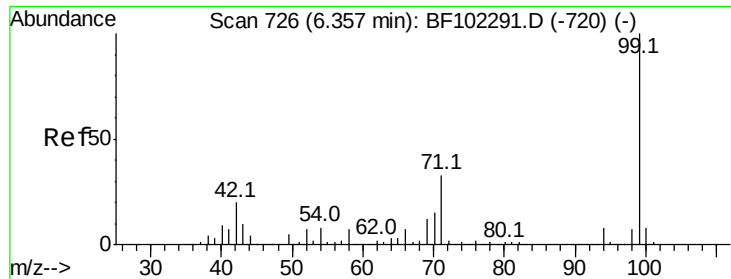
2-Fluorophenol
Concen: 106.419 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102359.D
Acq: 23 Jan 2018 23:06

Tgt Ion:112 Resp: 946471
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 29.6 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: 106.113 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102359.D

Acq: 23 Jan 2018 23:06

Instrument :

BNA_F

ClientSampled :

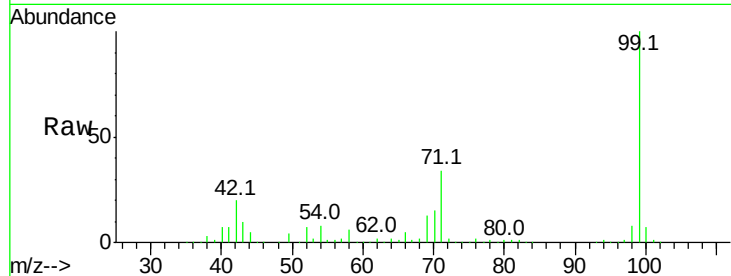
Tot Ion: 99 Resp: 1137777

Ion Ratio Lower Upper

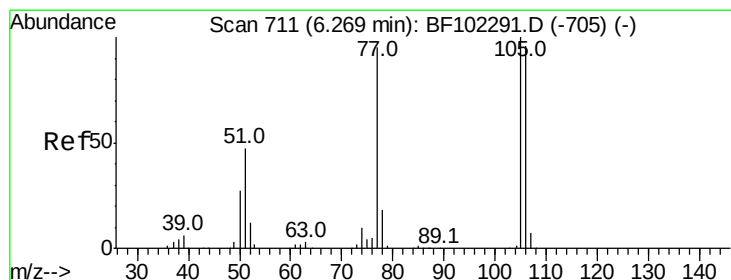
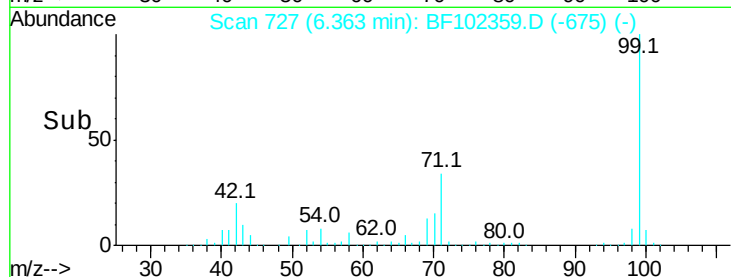
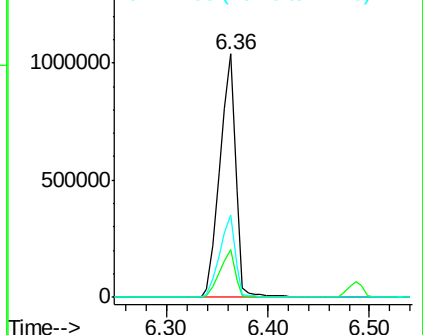
99 100

42 19.5 14.5 21.7

71 33.8 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: 2.788 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102359.D

Acq: 23 Jan 2018 23:06

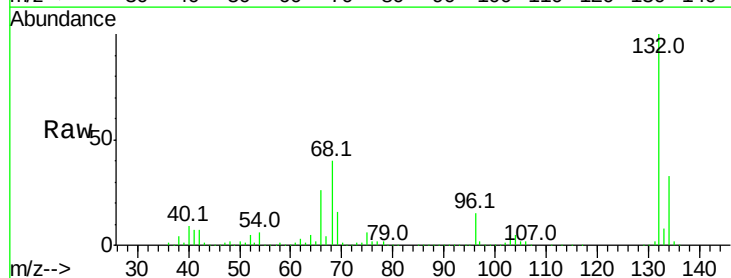
Tgt Ion: 77 Resp: 20732

Ion Ratio Lower Upper

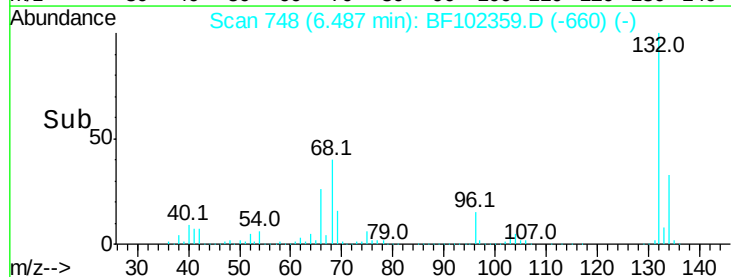
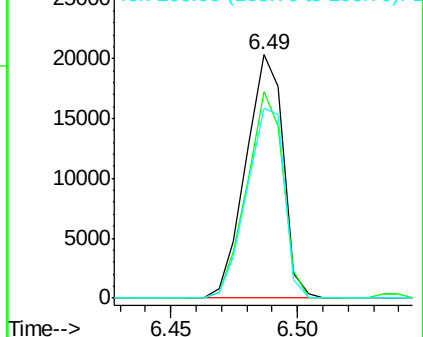
77 100

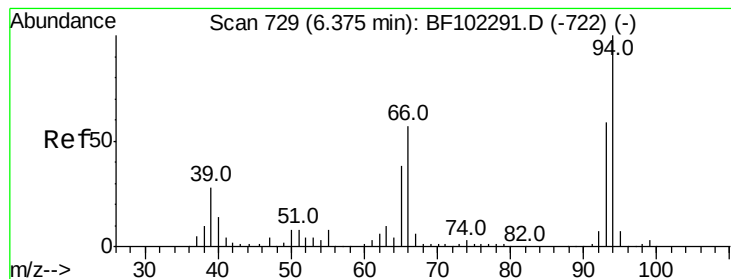
105 85.1 81.1 121.1

106 78.1 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: 3.273 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102359.D

Acq: 23 Jan 2018 23:06

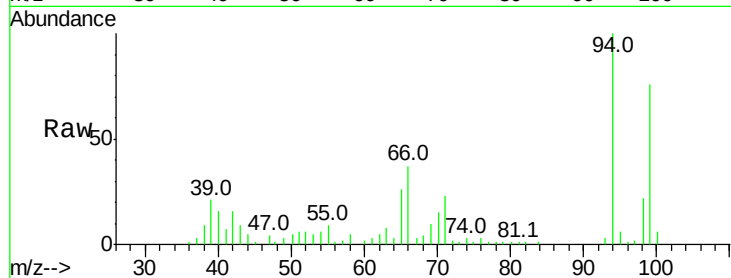
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 94 Resp: 38316

Ion	Ratio	Lower	Upper
94	100		
65	25.9	7.9	47.9
66	37.2	16.2	56.2

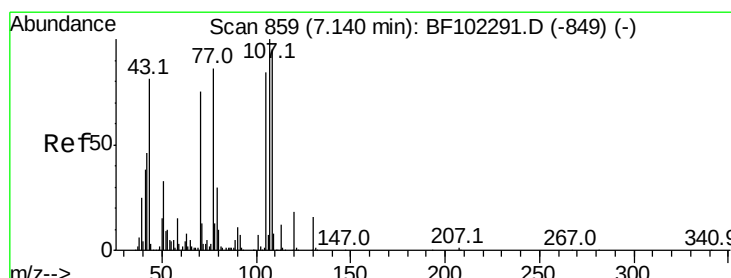
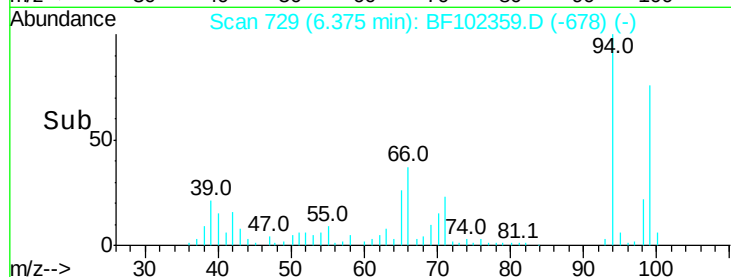
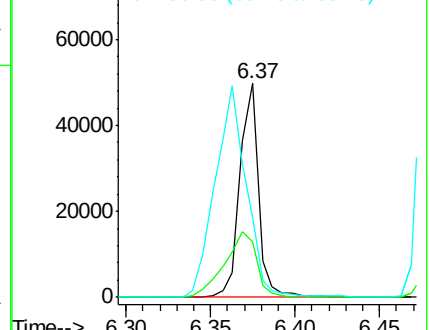


Abundance

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: 14.241 ng

RT: 7.29 min Scan# 884

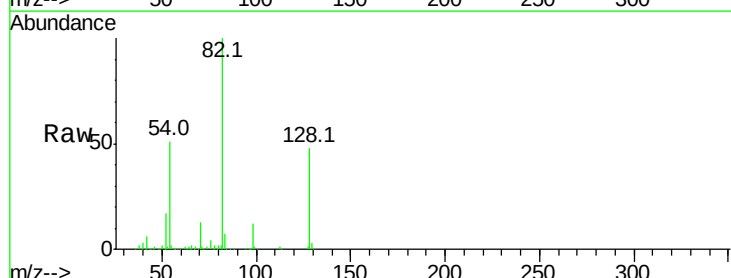
Delta R.T. 0.15 min

Lab File: BF102359.D

Acq: 23 Jan 2018 23:06

Tgt Ion: 70 Resp: 93444

Ion	Ratio	Lower	Upper
70	100		
42	47.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



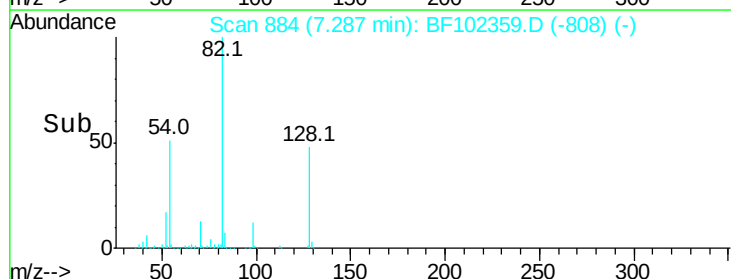
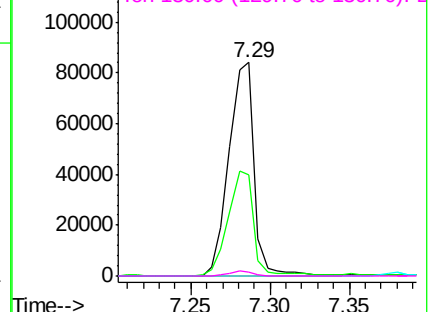
Abundance

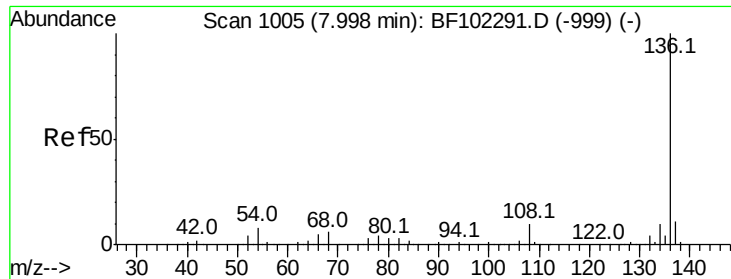
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

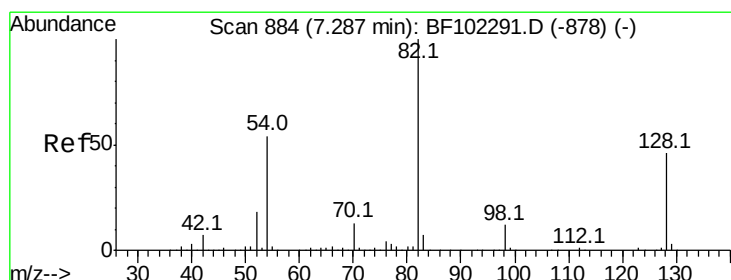
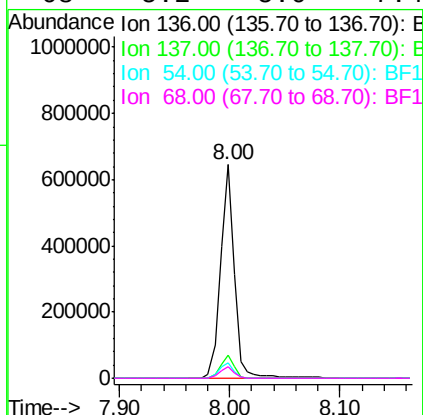
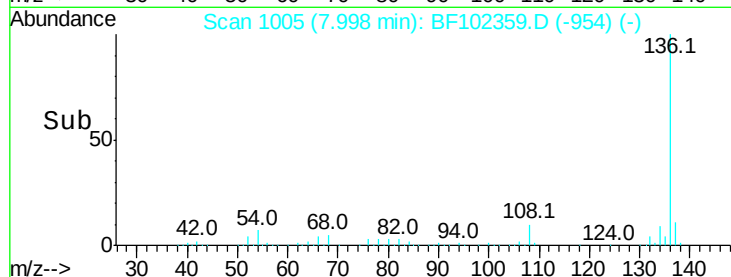
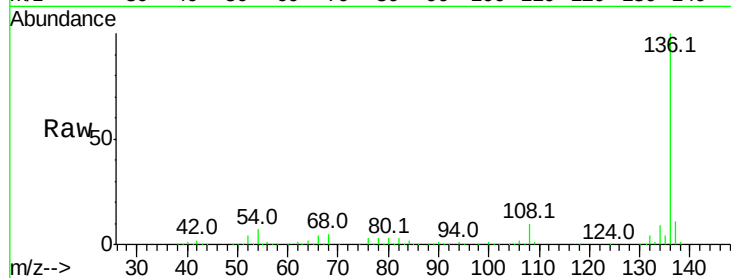




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102359.D
Acq: 23 Jan 2018 23:06

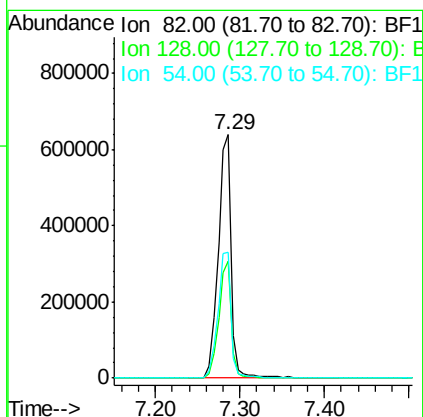
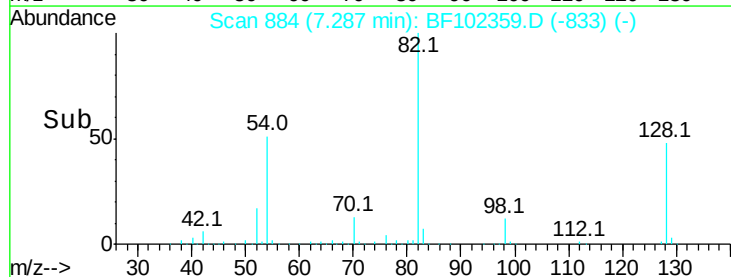
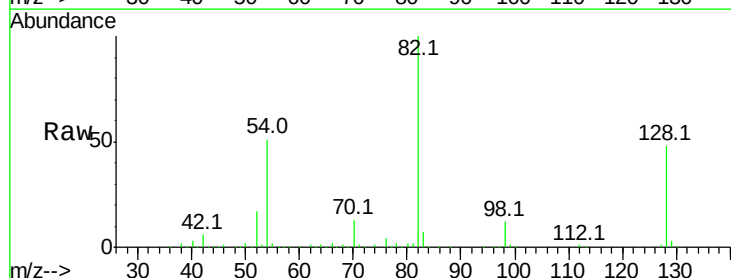
Instrument :
BNA_F
ClientSampleId :

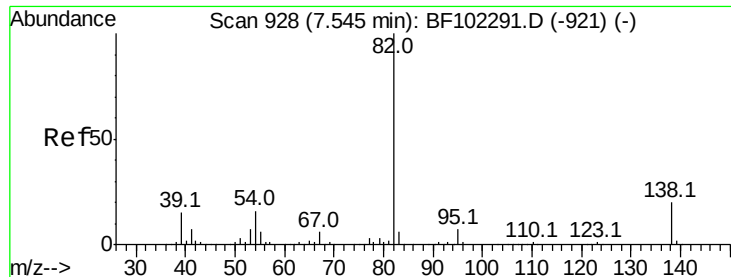
Tot Ion:	136	Resp:	566921
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.4	6.6	9.8
68	5.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 71.333 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102359.D
Acq: 23 Jan 2018 23:06

Tgt Ion:	82	Resp:	703715
Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	51.5	41.4	62.2





#25

Isophorone

Concen: 39.266 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102359.D

Acq: 23 Jan 2018 23:06

Instrument :

BNA_F

ClientSampleId :

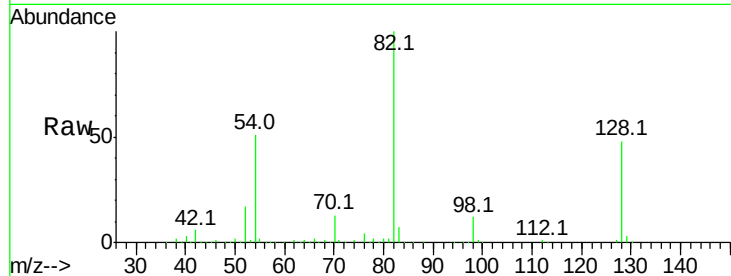
Tot Ion: 82 Resp: 690586

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

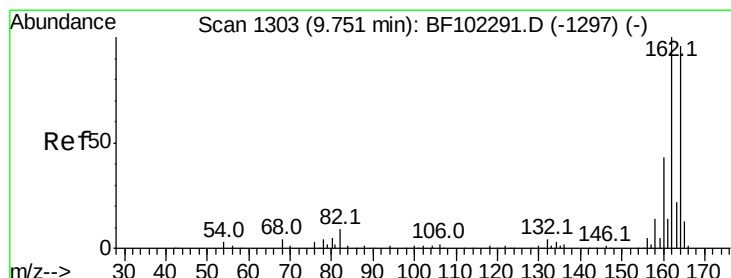
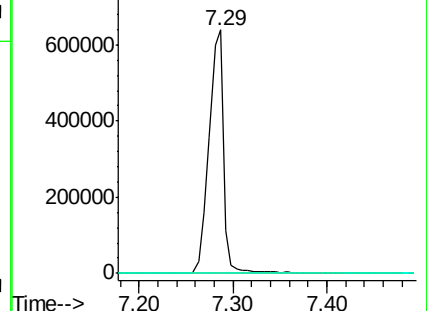
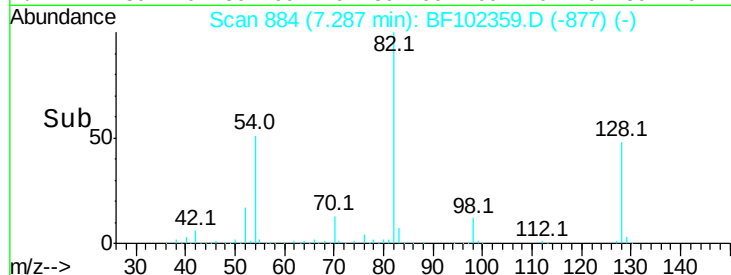
138 0.0 14.9 22.3#



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: BF102359.D

Acq: 23 Jan 2018 23:06

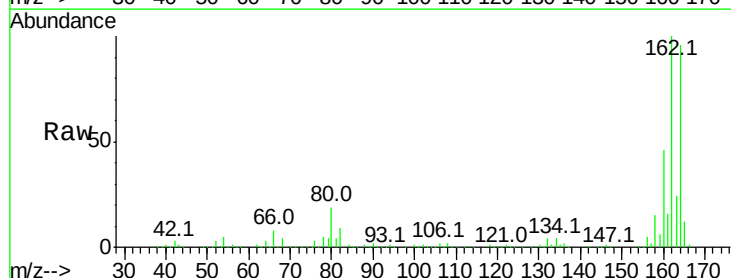
Tgt Ion:164 Resp: 242072

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

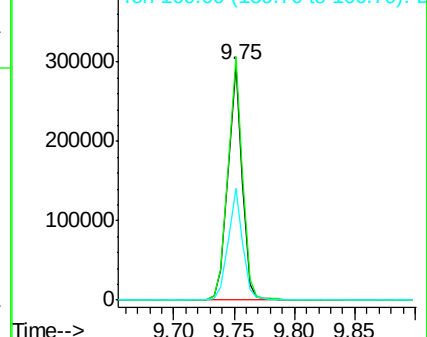
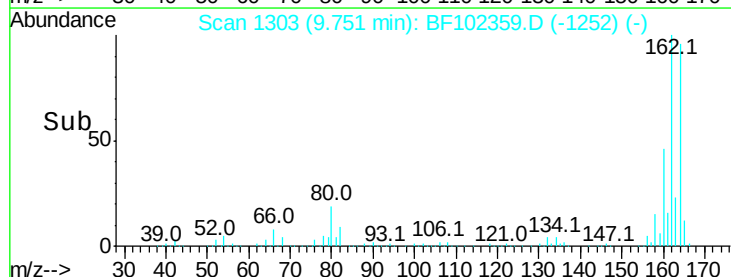
160 47.6 38.3 57.5

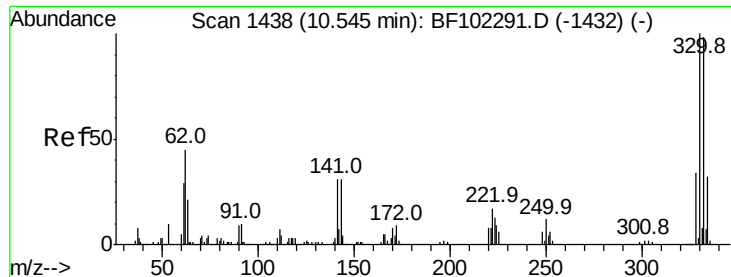


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 88.586 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102359.D

Acq: 23 Jan 2018 23:06

Instrument :

BNA_F

ClientSampled :

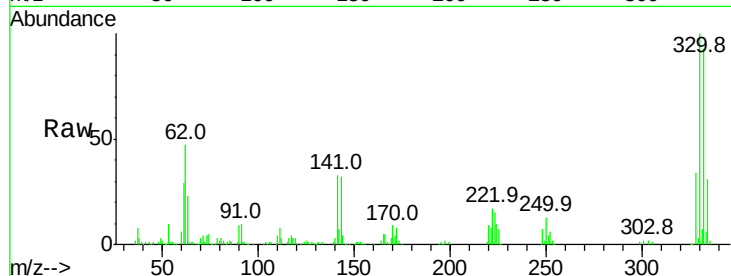
Tot Ion:330 Resp: 212480

Ion Ratio Lower Upper

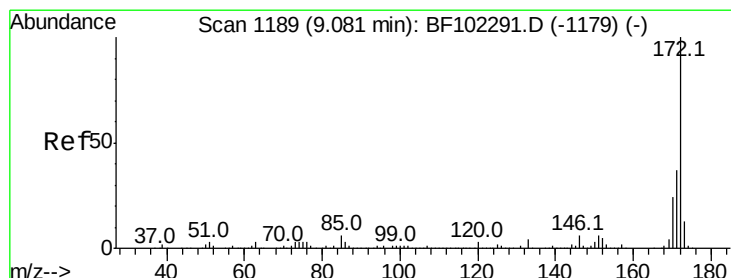
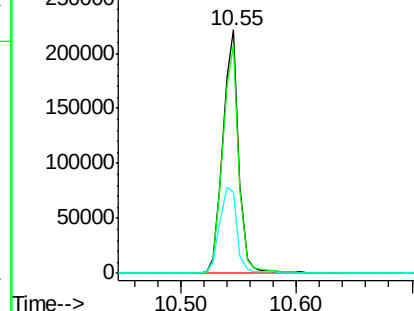
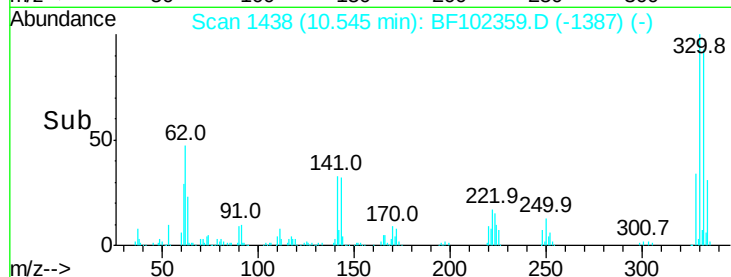
330 100

332 94.8 77.0 115.6

141 39.0 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: 65.367 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF102359.D

Acq: 23 Jan 2018 23:06

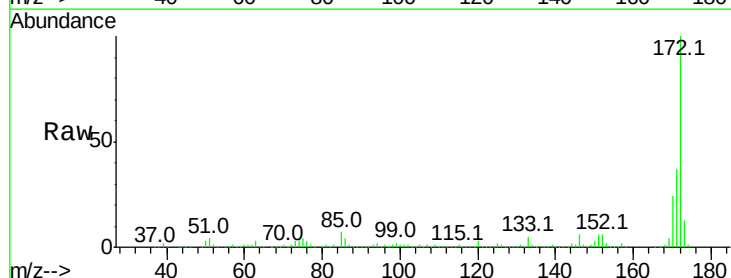
Tgt Ion:172 Resp: 1076176

Ion Ratio Lower Upper

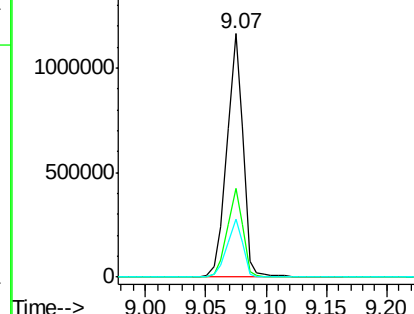
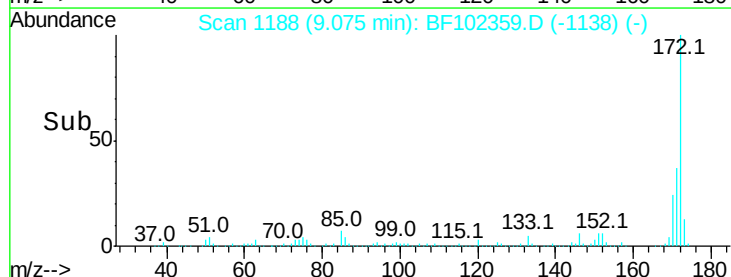
172 100

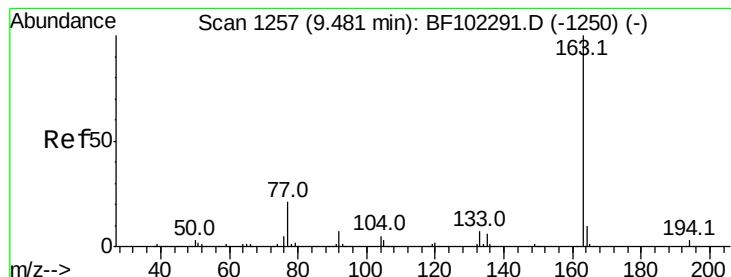
171 36.6 29.7 44.5

170 23.9 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: 12.786 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF102359.D

Acq: 23 Jan 2018 23:06

Instrument :

BNA_F

ClientSampleId :

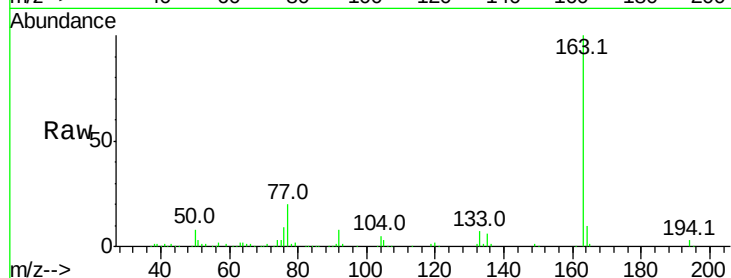
Tot Ion:163 Resp: 255835

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

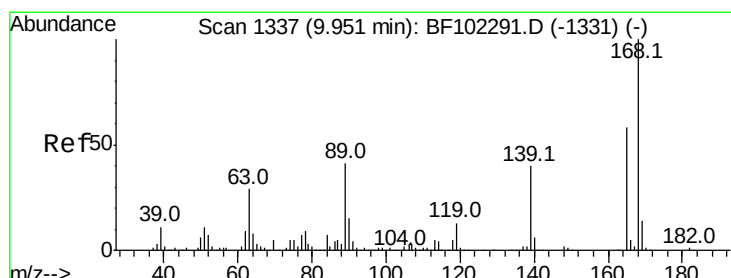
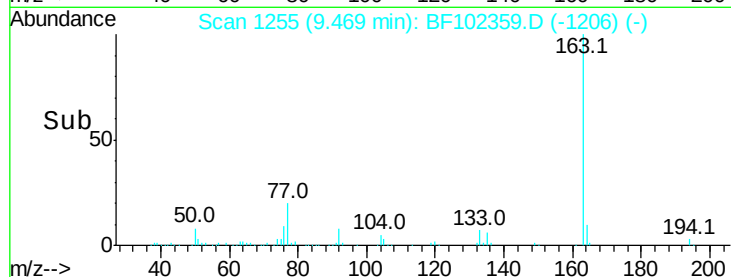
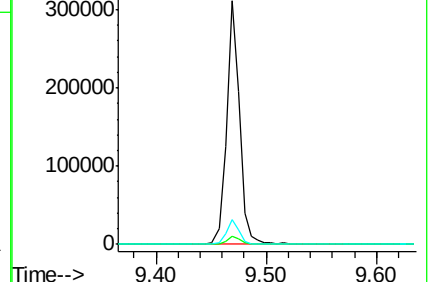
164 10.0 8.2 12.2



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: 5.750 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.20 min

Lab File: BF102359.D

Acq: 23 Jan 2018 23:06

Tgt Ion:165 Resp: 30503

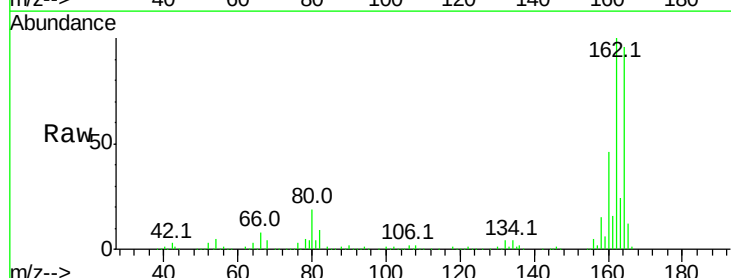
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

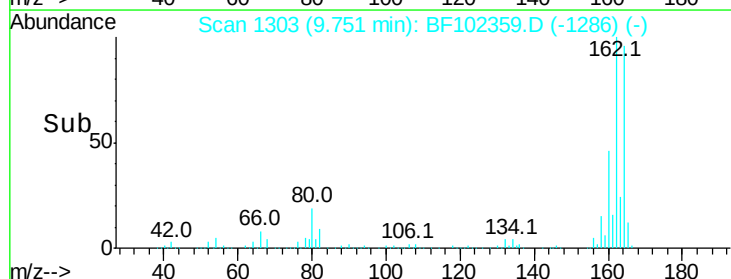
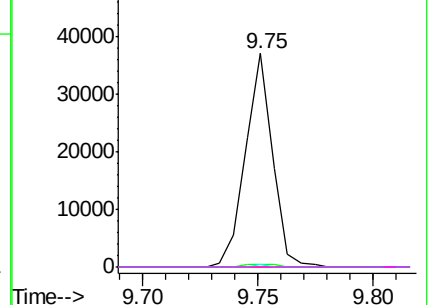


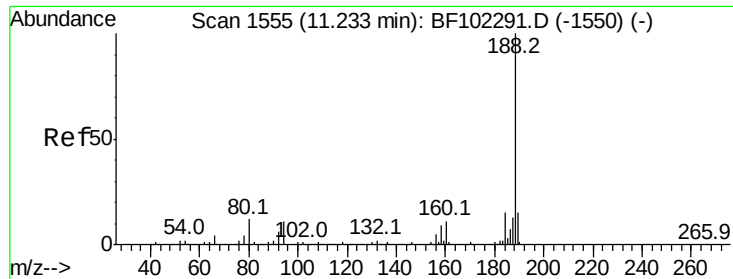
Abundance Ion 165.00 (164.70 to 165.70): E

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

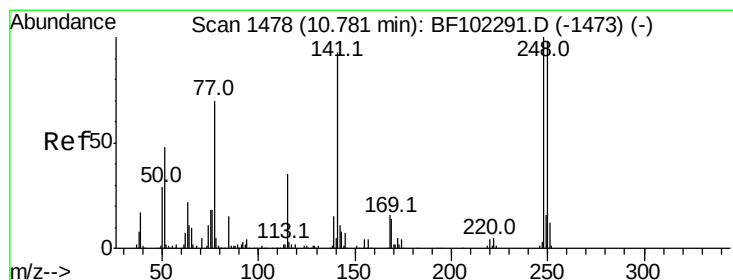
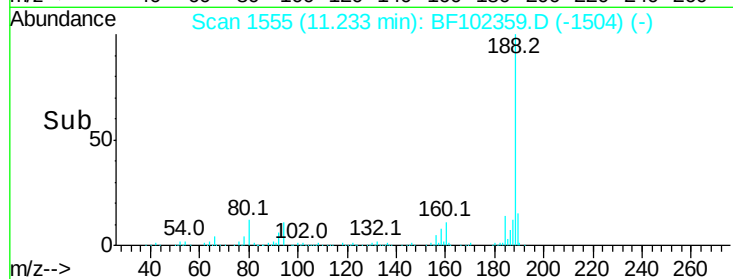
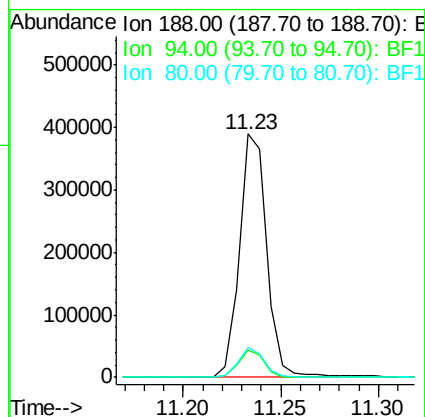
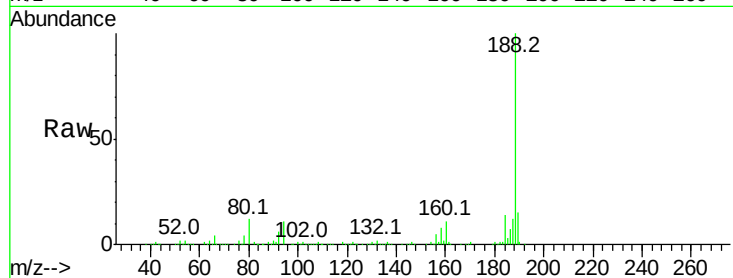




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102359.D
Acq: 23 Jan 2018 23:06

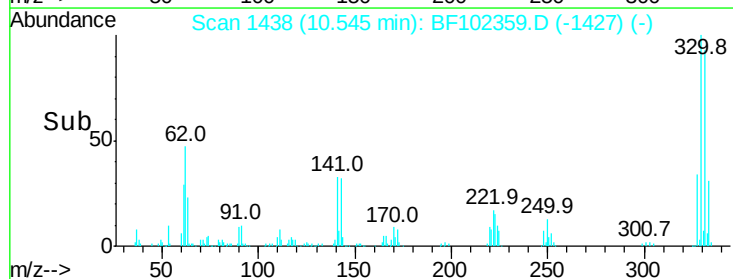
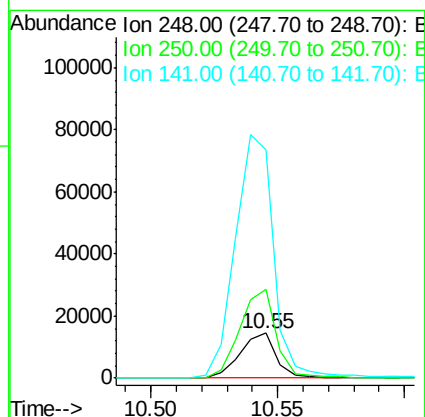
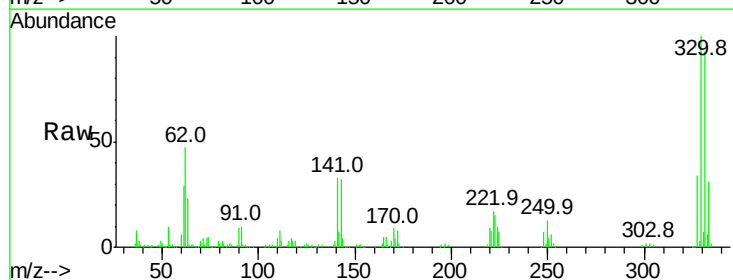
Instrument :
BNA_F
ClientSampled :

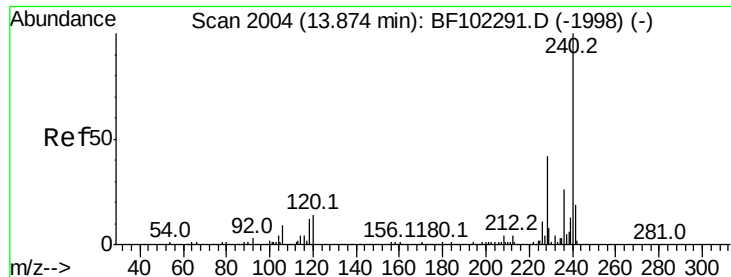
Tot Ion:188 Resp: 376100
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.1 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.535 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102359.D
Acq: 23 Jan 2018 23:06

Tgt Ion:248 Resp: 14312
Ion Ratio Lower Upper
248 100
250 197.4 76.9 115.3#
141 507.8 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: BF102359.D

Acq: 23 Jan 2018 23:06

Instrument :

BNA_F

ClientSampleId :

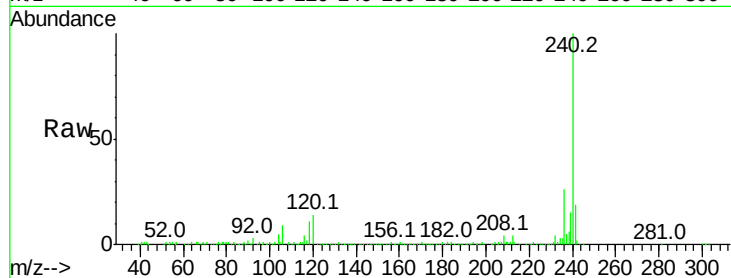
Tot Ion:240 Resp: 270692

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3

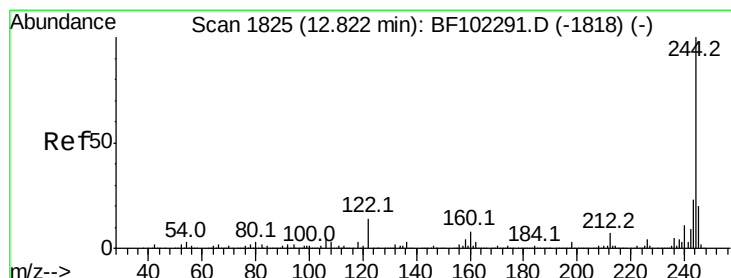
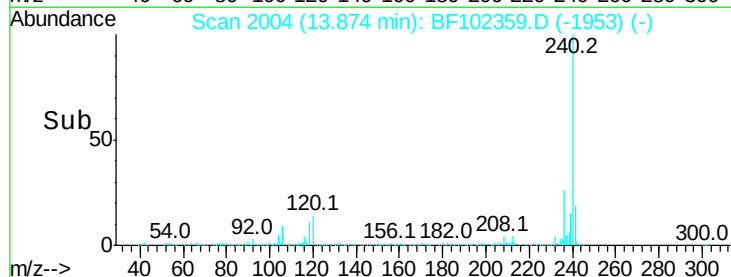
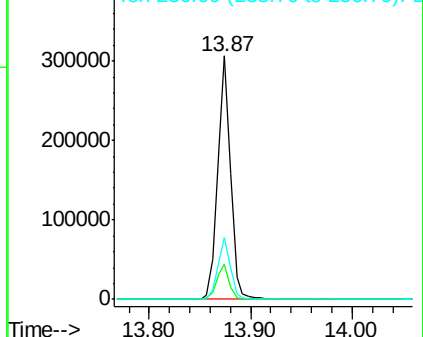
236 25.6 20.7 31.1



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: 62.818 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102359.D

Acq: 23 Jan 2018 23:06

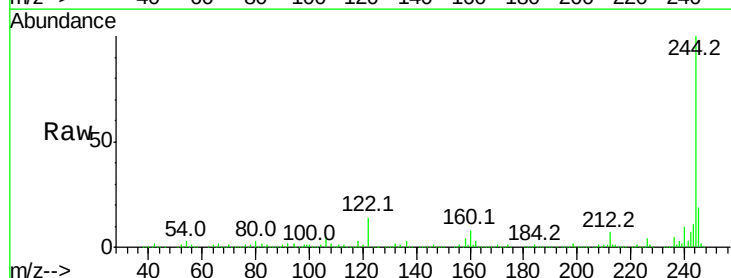
Tgt Ion:244 Resp: 754290

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

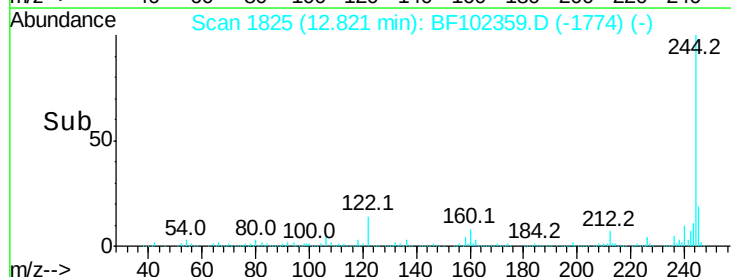
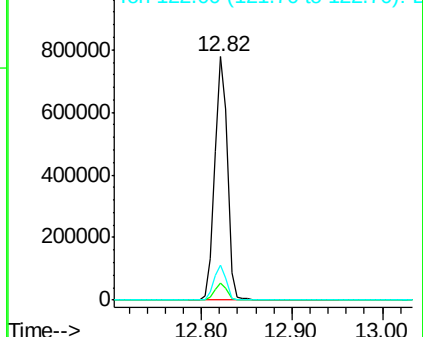
122 14.4 11.0 16.4

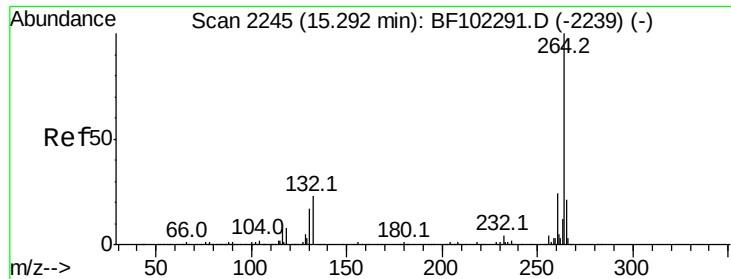


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

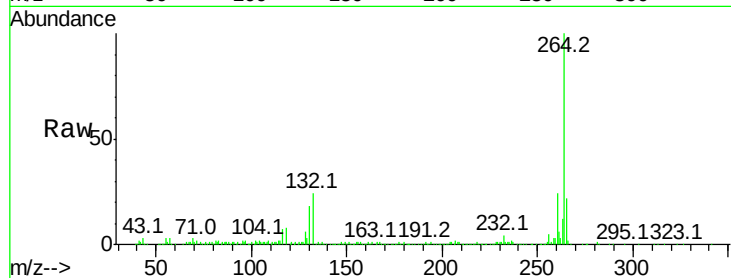




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102359.D
 Acq: 23 Jan 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	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

