

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102452.D
 Acq On : 26 Jan 2018 4:12
 Operator : SJ/JU
 Sample : J1300-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 05:57:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

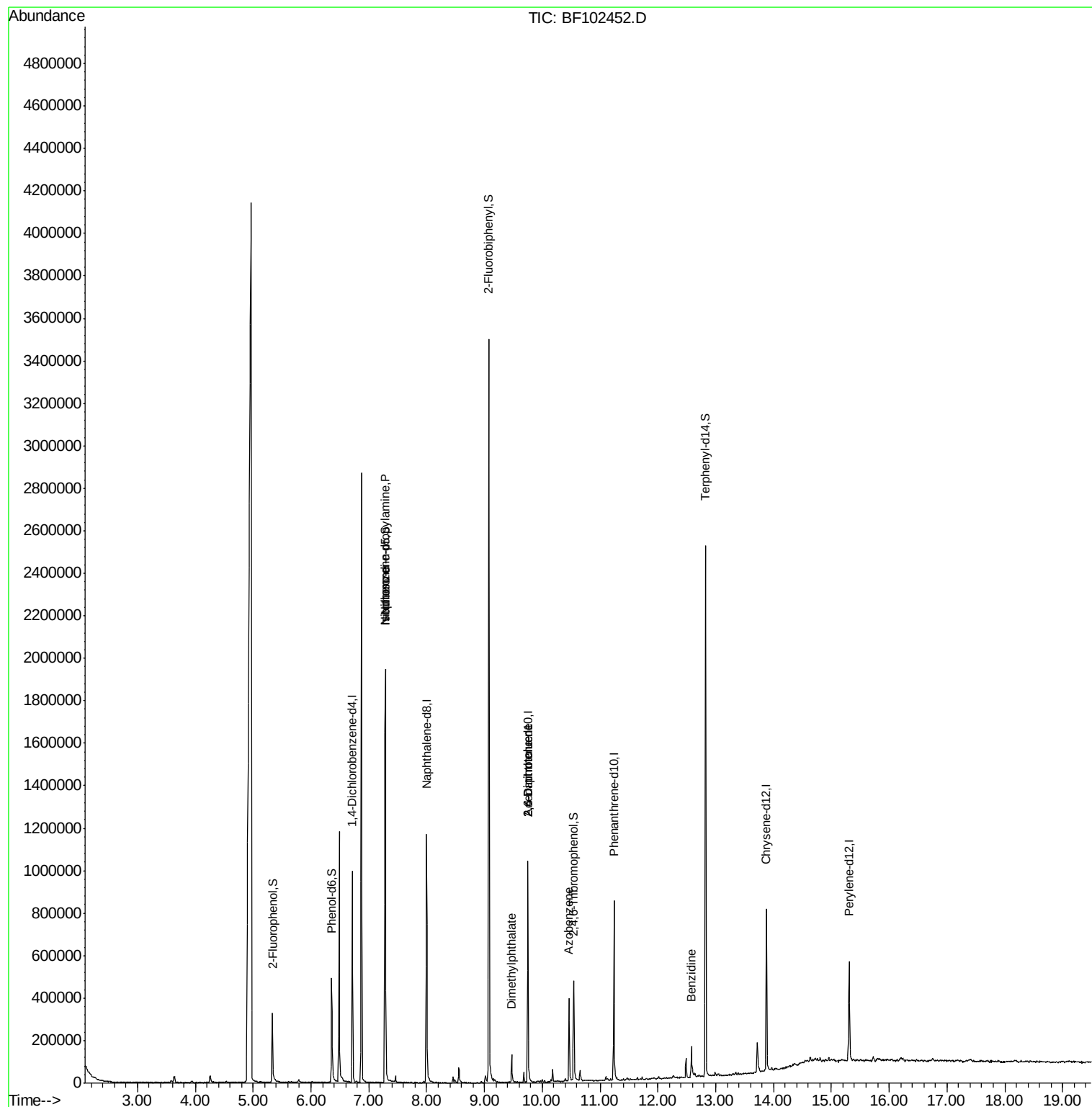
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	138445	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	540705	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	207393	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	315698	20.00	ng	0.00
75) Chrysene-d12	13.88	240	283308	20.00	ng	0.00
86) Perylene-d12	15.31	264	220768	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	119610	13.10	ng	0.01
7) Phenol-d6	6.36	99	157521	14.31	ng	-0.01
23) Nitrobenzene-d5	7.29	82	662190	70.38	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	61898	30.12	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1200280	85.10	ng	0.00
78) Terphenyl-d14	12.82	244	891323	70.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	84456	12.537	ng	# 80
25) Isophorone	7.29	82	662186	39.477	ng	# 64
49) Dimethylphthalate	9.47	163	61869	3.609	ng	100
50) 2,6-Dinitrotoluene	9.75	165	26045	7.047	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	26045	5.730	ng	# 23
62) Azobenzene	10.46	77	73003	4.787	ng	# 1
76) Benzydine	12.58	184	79794	8.384	ng	98

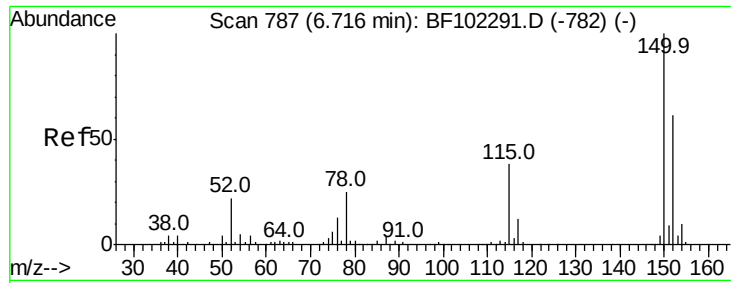
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102452.D
Acq On : 26 Jan 2018 4:12
Operator : SJ/JU
Sample : J1300-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 26 05:57:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 25 13:44:56 2018
Response via : Initial Calibration



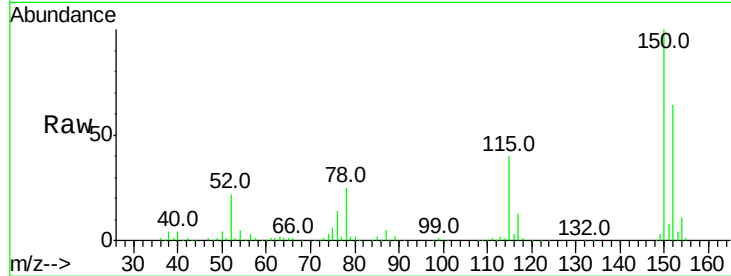


#1

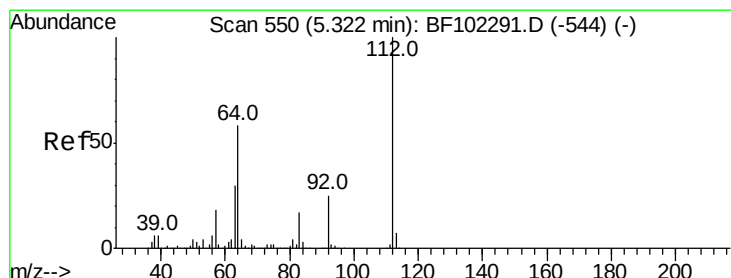
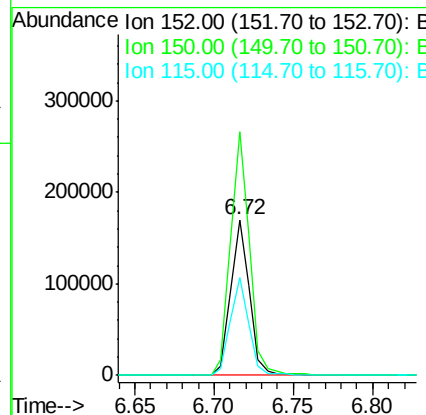
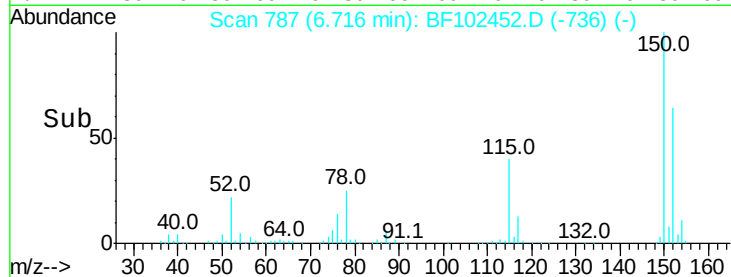
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102452.D
Acq: 26 Jan 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	62.4	50.1	75.1



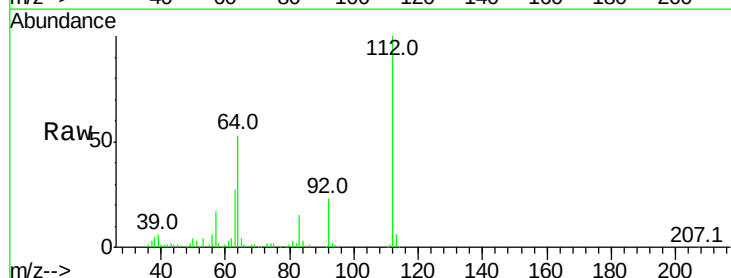
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



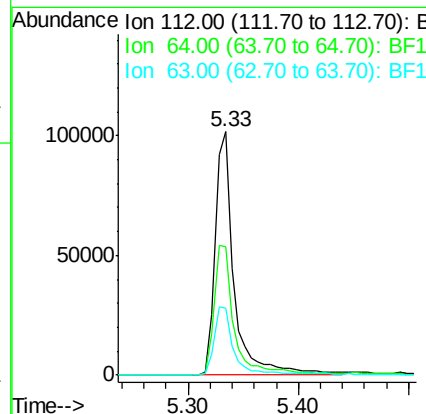
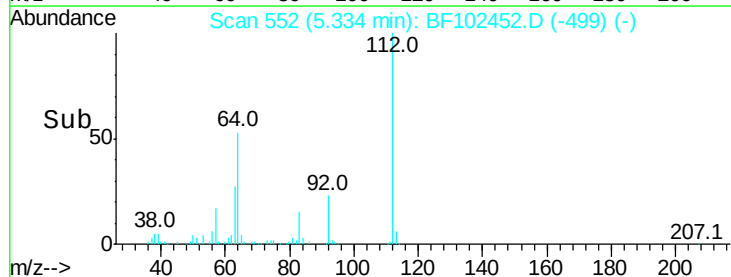
#5

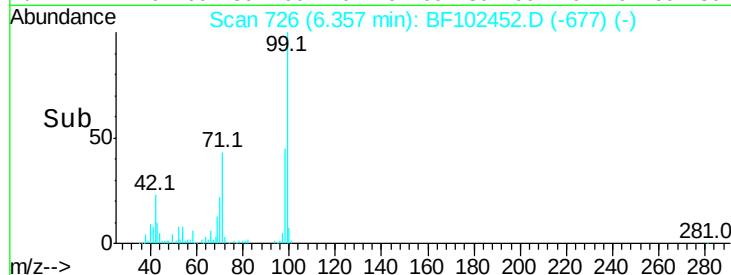
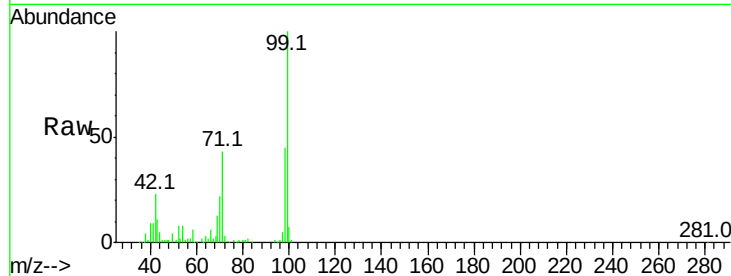
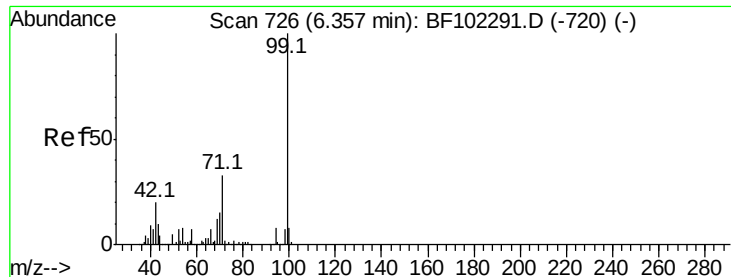
2-Fluorophenol
Concen: 13.100 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102452.D
Acq: 26 Jan 2018 4:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	47.9	71.9
63	27.4	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: 14.310 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102452.D

Acq: 26 Jan 2018 4:12

Instrument :

BNA_F

ClientSampleId :

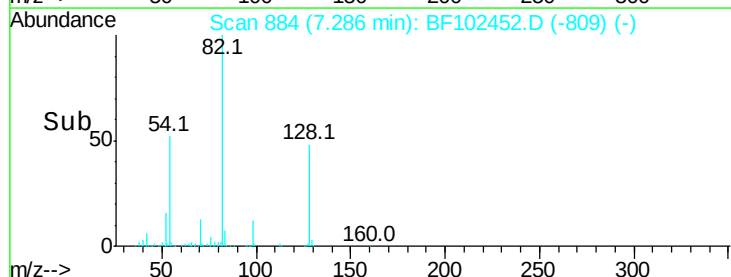
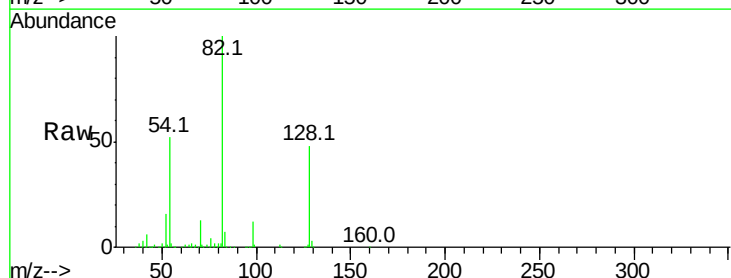
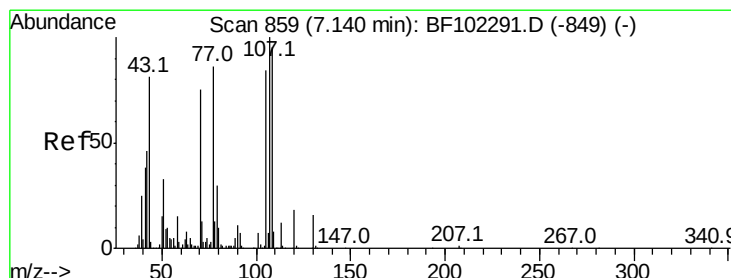
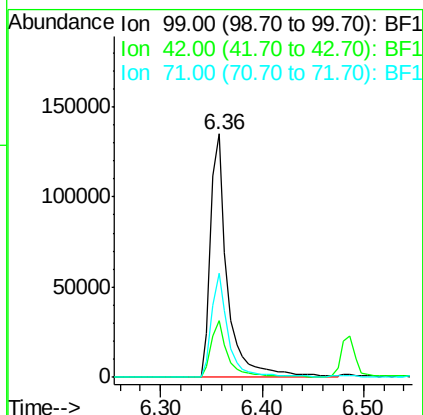
Tot Ion: 99 Resp: 157521

Ion Ratio Lower Upper

99 100

42 23.3 14.5 21.7#

71 42.8 25.4 38.0#



#19

n-Nitroso-di-n-propylamine

Concen: 12.537 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102452.D

Acq: 26 Jan 2018 4:12

Tgt Ion: 70 Resp: 84456

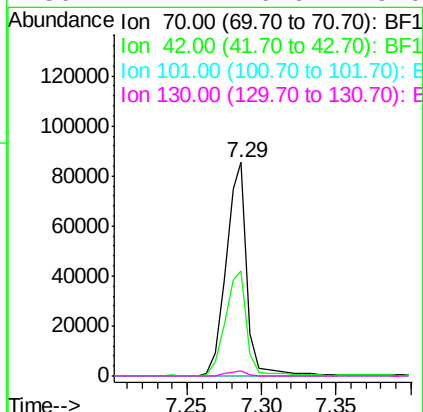
Ion Ratio Lower Upper

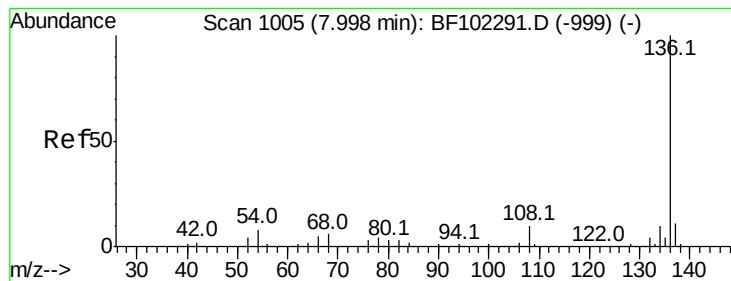
70 100

42 49.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF102452.D

Acq: 26 Jan 2018 4:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 540705

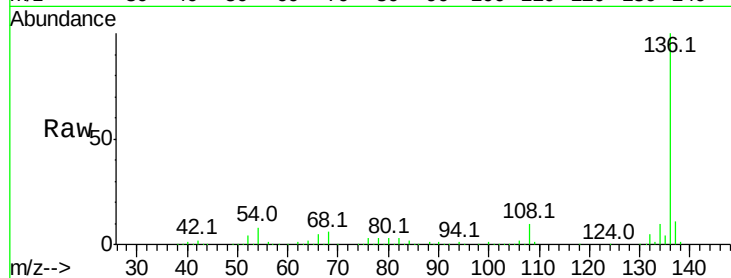
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.5 6.6 9.8

68 5.7 5.0 7.4

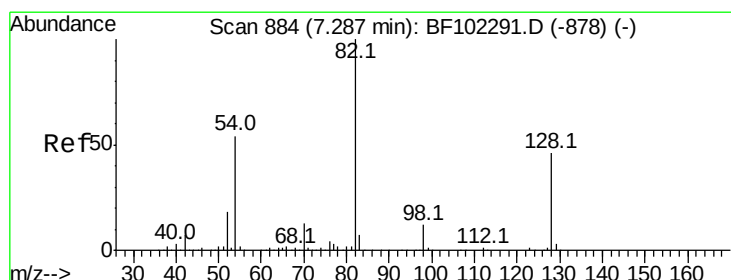
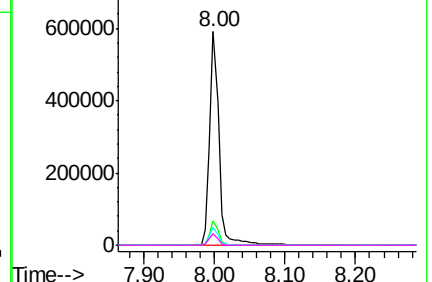
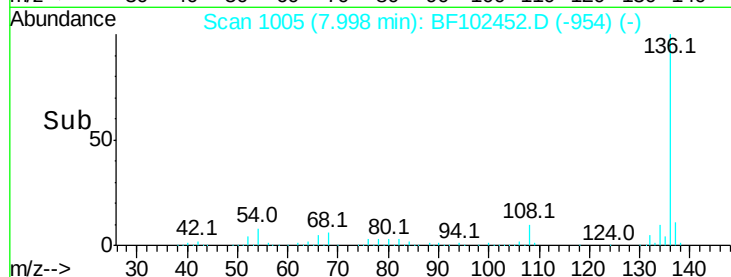


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.378 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102452.D

Acq: 26 Jan 2018 4:12

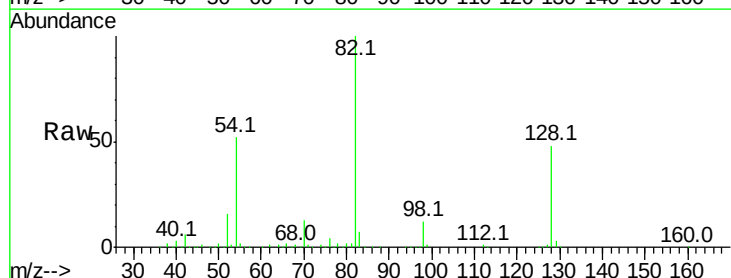
Tgt Ion: 82 Resp: 662190

Ion Ratio Lower Upper

82 100

128 48.1 36.1 54.1

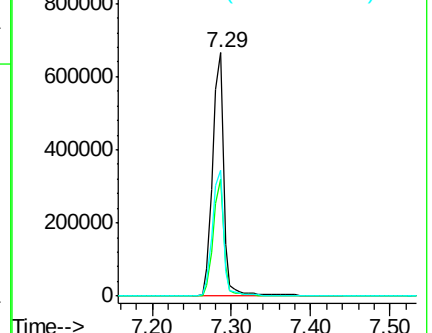
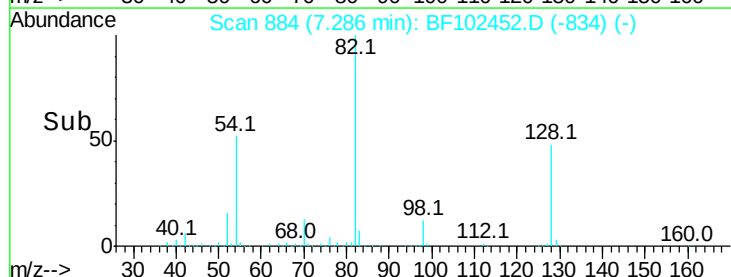
54 51.6 41.4 62.2

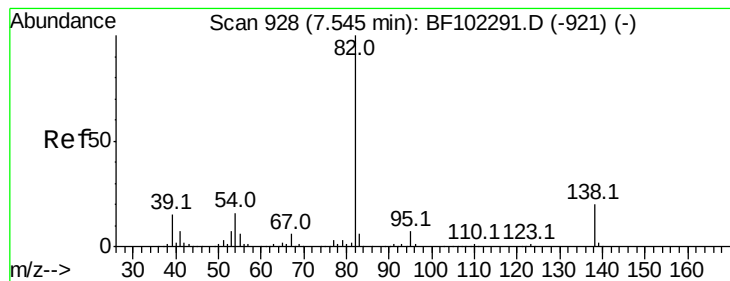


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.477 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102452.D

Acq: 26 Jan 2018 4:12

Instrument :

BNA_F

ClientSampleId :

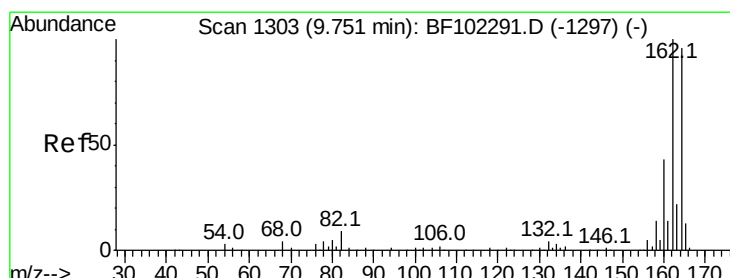
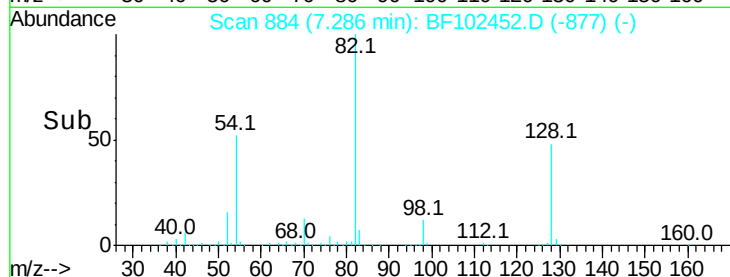
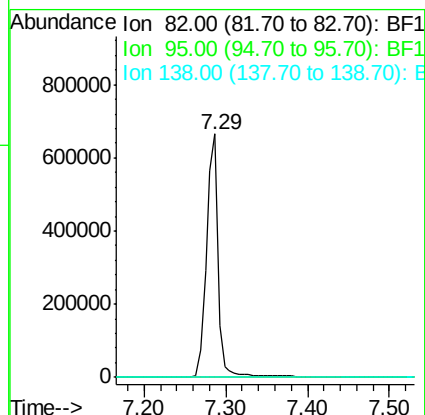
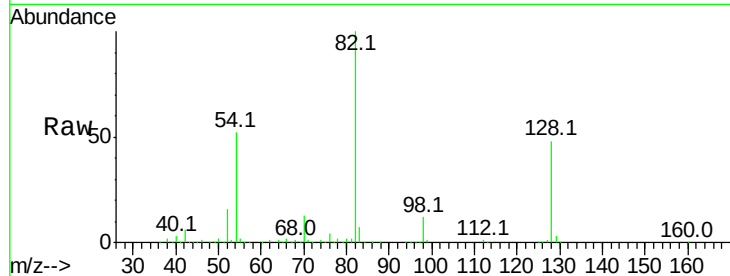
Tot Ion: 82 Resp: 662186

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102452.D

Acq: 26 Jan 2018 4:12

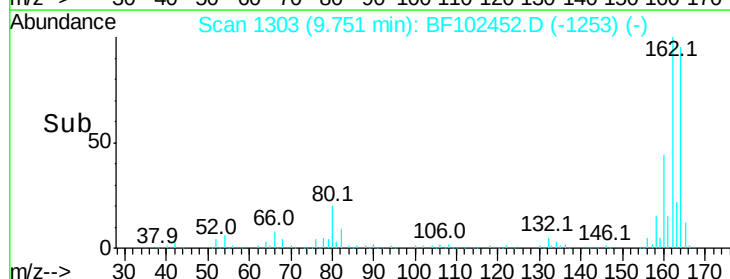
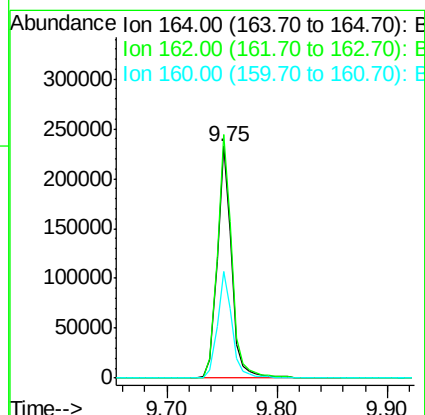
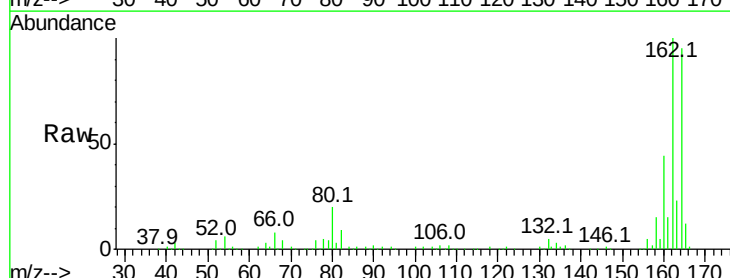
Tgt Ion: 164 Resp: 207393

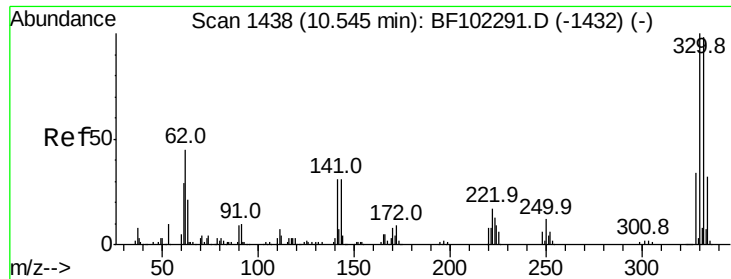
Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

160 46.0 38.3 57.5

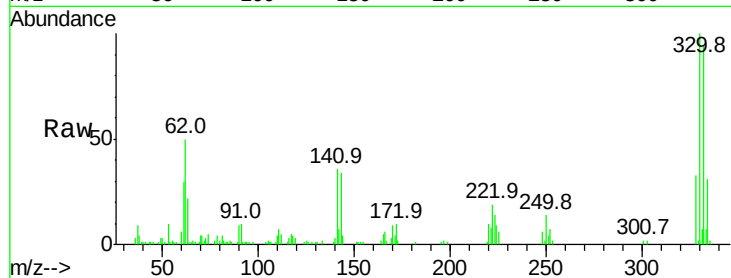




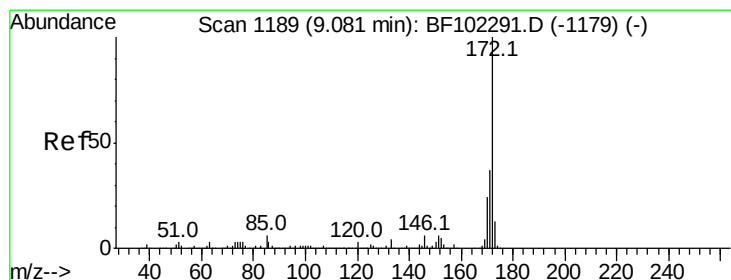
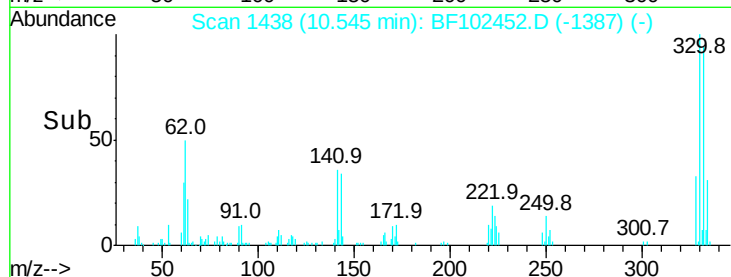
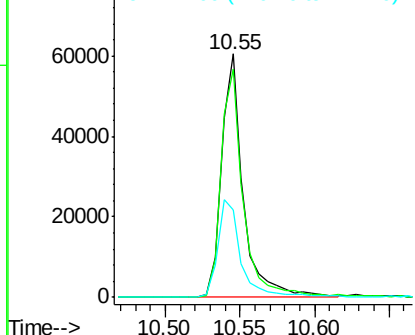
#41
 2,4,6-Tribromophenol
 Concen: 30.121 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102452.D
 Acq: 26 Jan 2018 4:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 61898
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 43.1 29.9 44.9

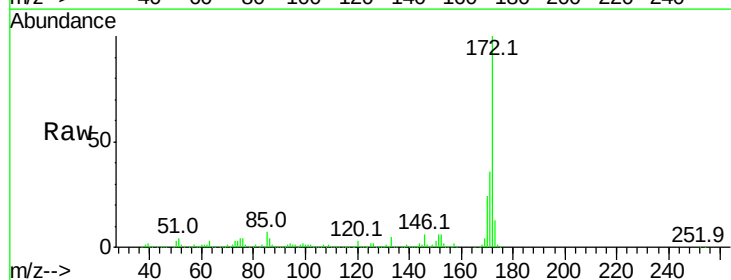


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

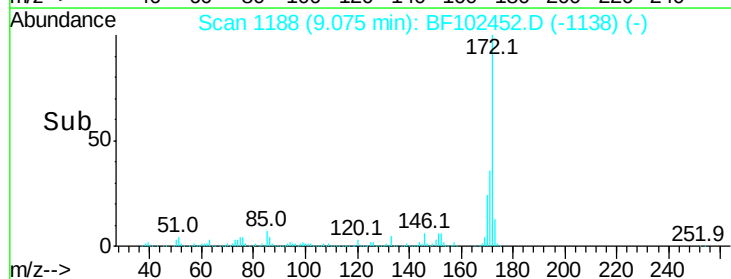
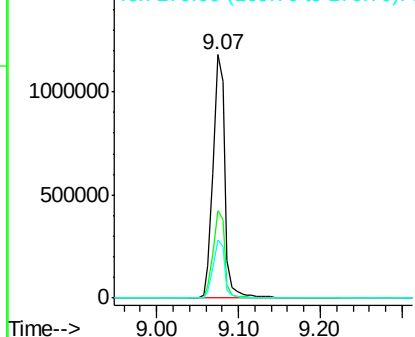


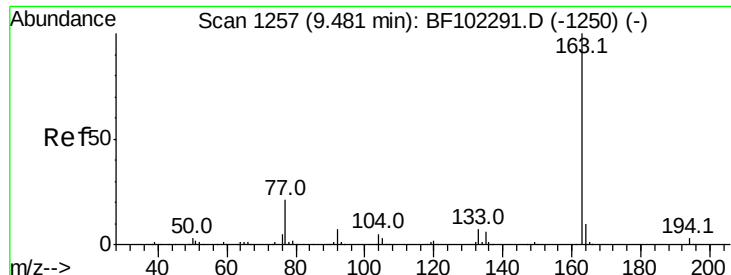
#44
 2-Fluorobiphenyl
 Concen: 85.096 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102452.D
 Acq: 26 Jan 2018 4:12

Tgt Ion:172 Resp: 1200280
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.8 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: 3.609 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF102452.D

Acq: 26 Jan 2018 4:12

Instrument :

BNA_F

ClientSampleId :

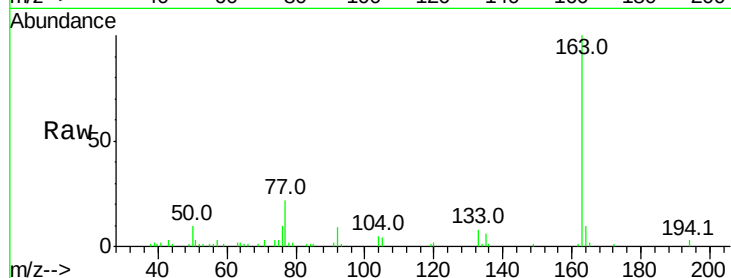
Tot Ion:163 Resp: 61869

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

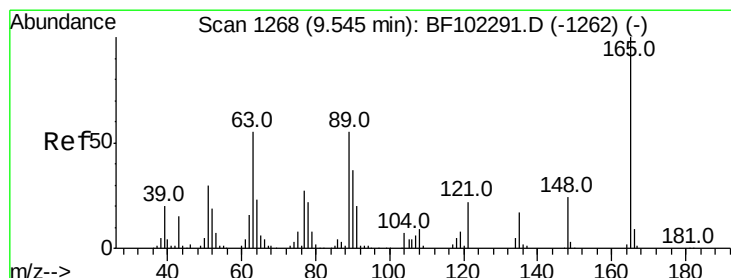
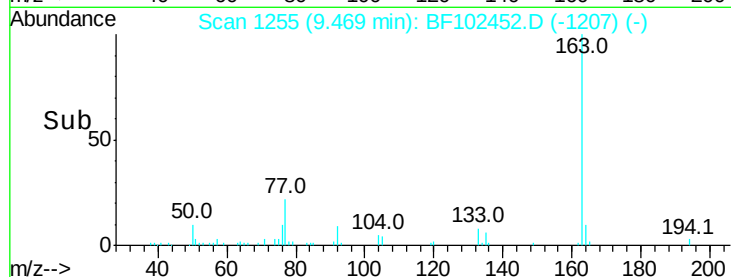
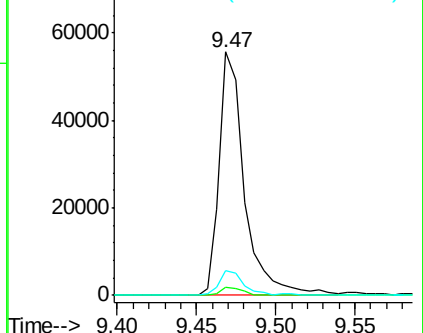
164 10.2 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.047 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.20 min

Lab File: BF102452.D

Acq: 26 Jan 2018 4:12

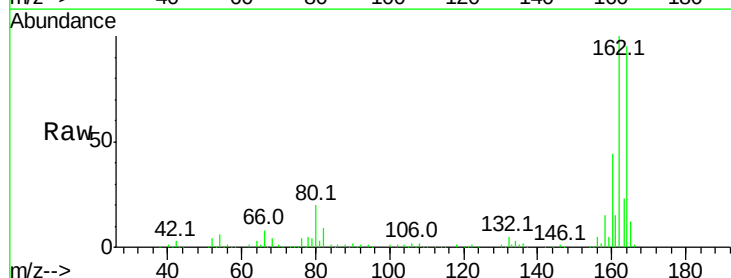
Tgt Ion:165 Resp: 26045

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

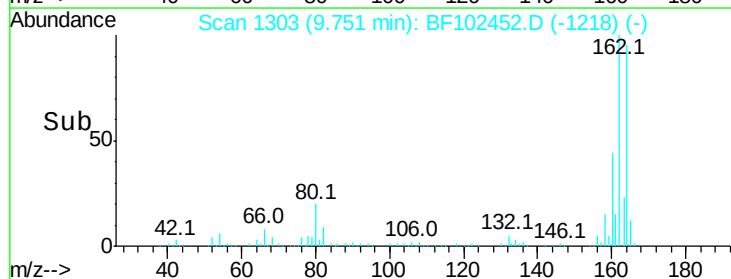
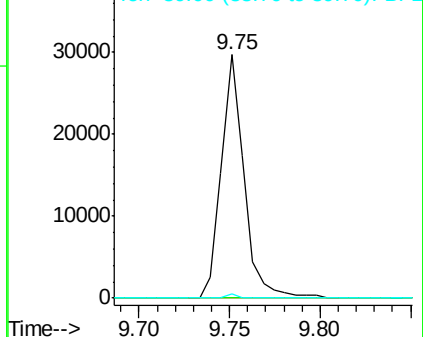
89 1.7 44.0 66.0#

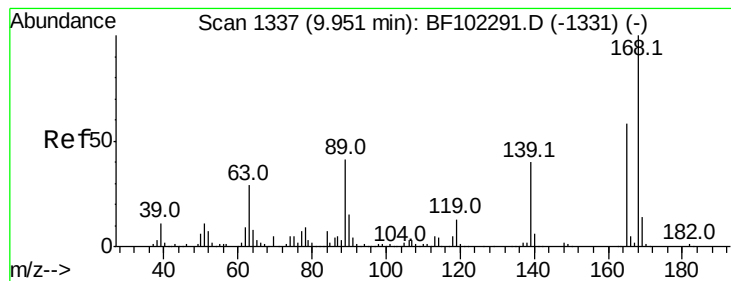


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#56

2,4-Dinitrotoluene

Concen: 5.730 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.21 min

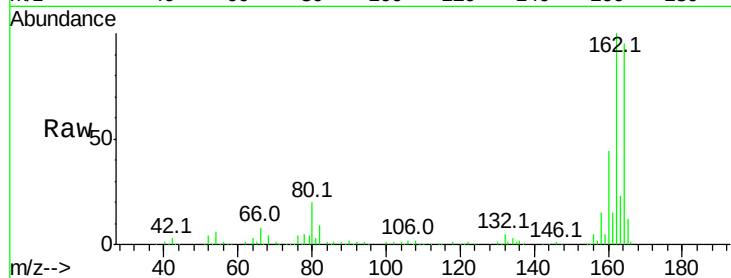
Lab File: BF102452.D

Acq: 26 Jan 2018 4:12

Instrument :

BNA_F

ClientSampleId :



Tot Ion:165 Resp: 26045

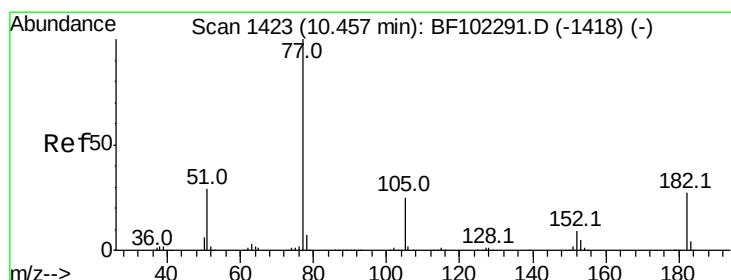
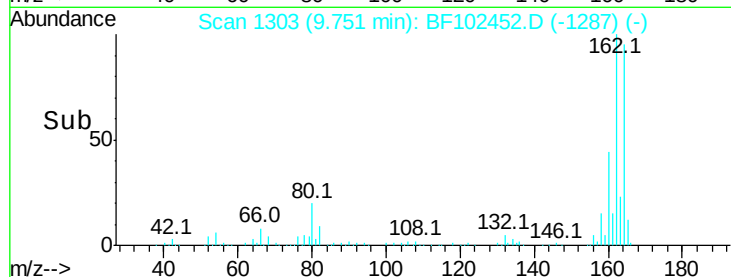
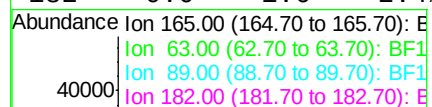
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.7 57.8 86.6#

182 0.0 1.6 2.4#



#62

Azobenzene

Concen: 4.787 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF102452.D

Acq: 26 Jan 2018 4:12

Tgt Ion: 77 Resp: 73003

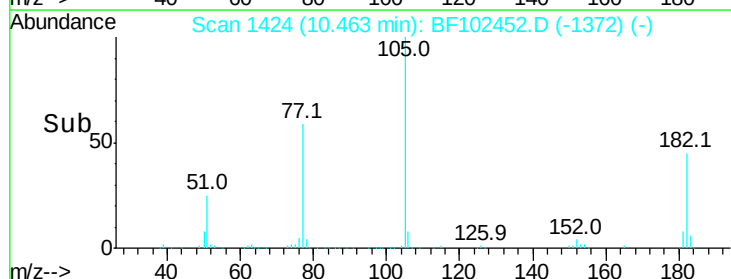
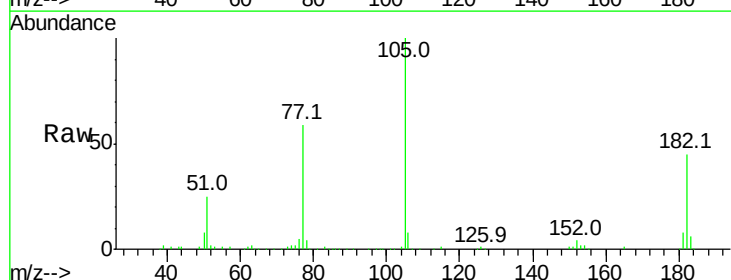
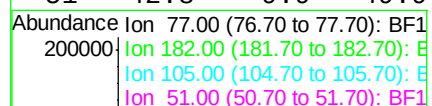
Ion Ratio Lower Upper

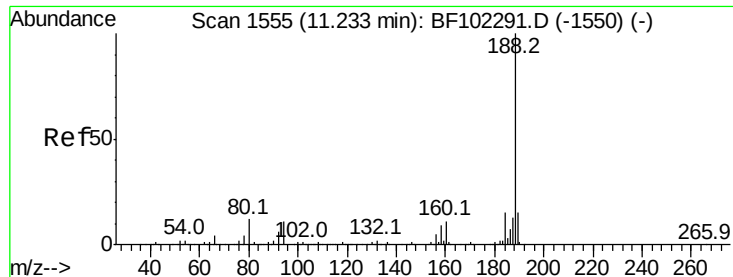
77 100

182 77.3 1.7 41.7#

105 170.0 3.0 43.0#

51 42.8 9.9 49.9

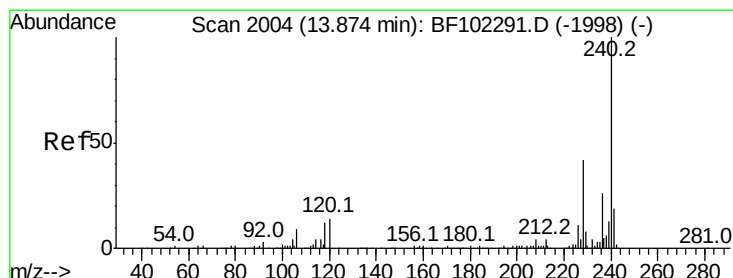
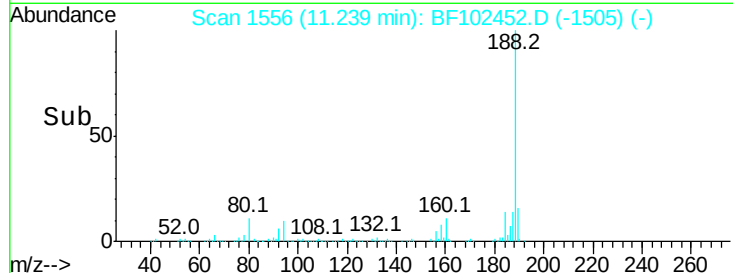
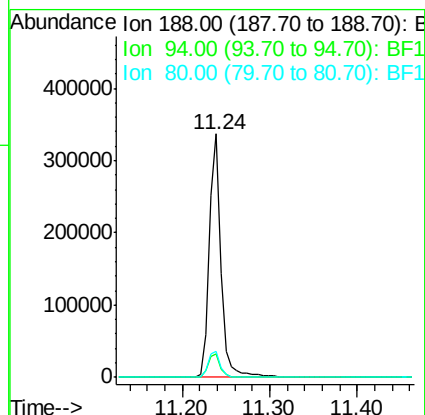
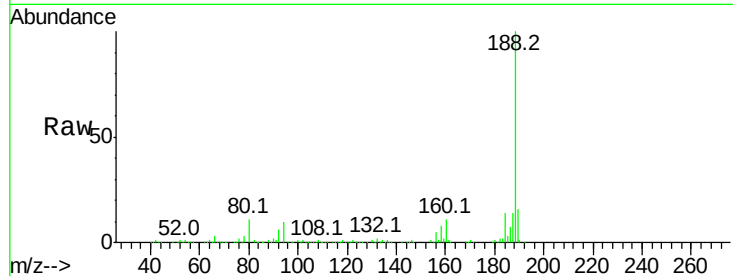




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102452.D
Acq: 26 Jan 2018 4:12

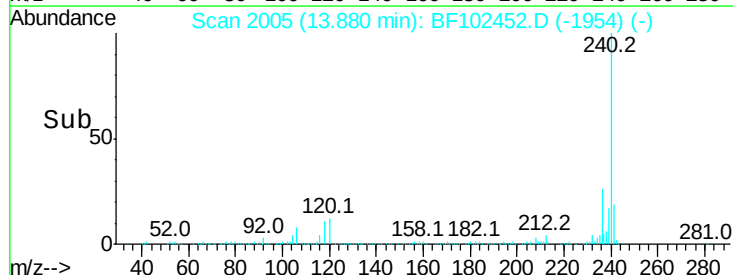
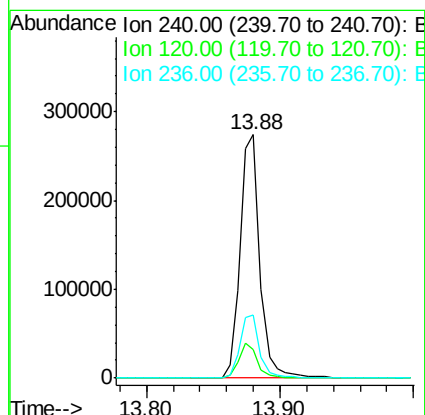
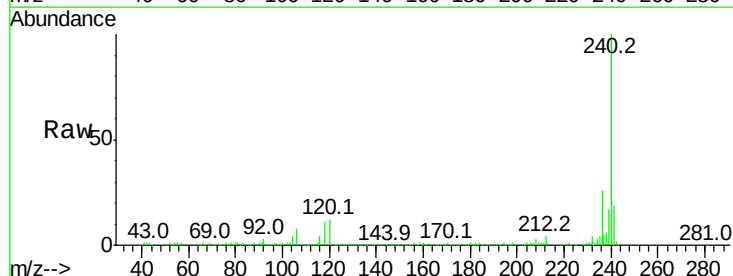
Instrument :
BNA_F
ClientSampleId :

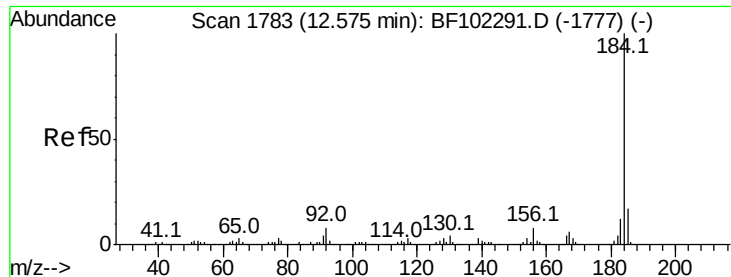
Tot Ion:188 Resp: 315698
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF102452.D
Acq: 26 Jan 2018 4:12

Tgt Ion:240 Resp: 283308
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 25.7 20.7 31.1





#76

Benzidine

Concen: 8.384 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102452.D

Acq: 26 Jan 2018 4:12

Instrument :

BNA_F

ClientSampleId :

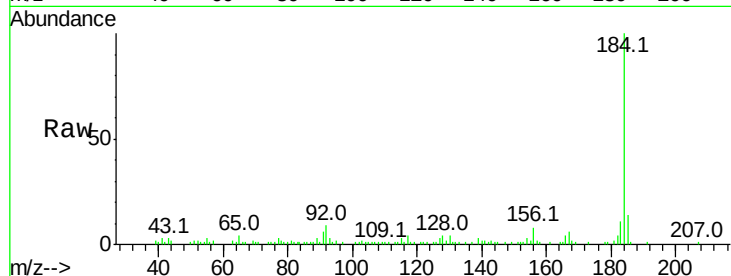
Tot Ion:184 Resp: 79794

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

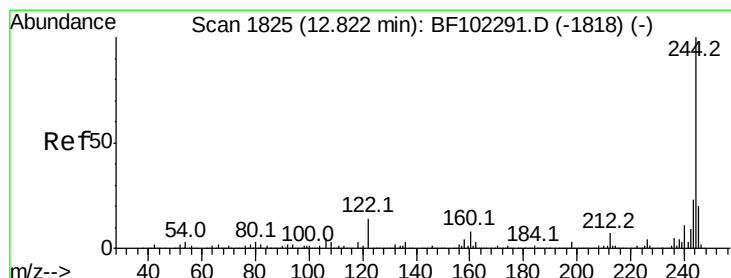
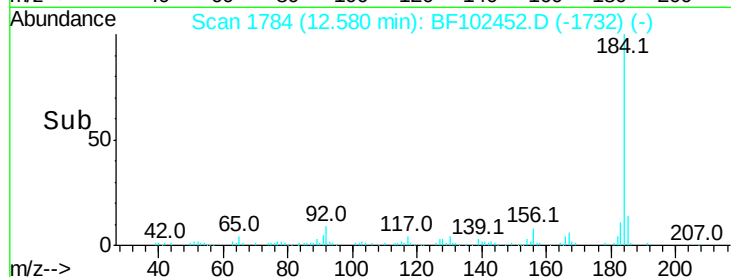
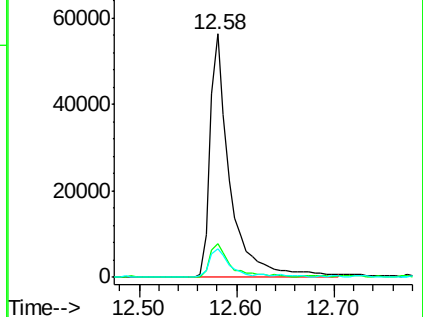
183 11.5 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 70.925 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102452.D

Acq: 26 Jan 2018 4:12

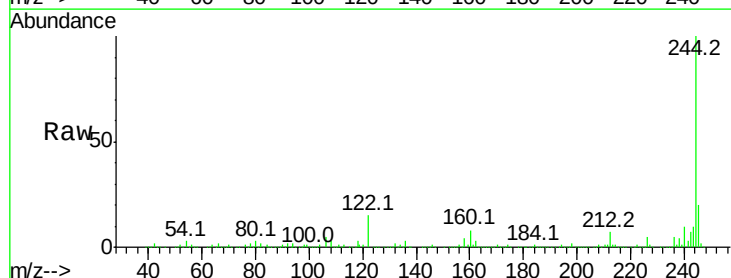
Tgt Ion:244 Resp: 891323

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

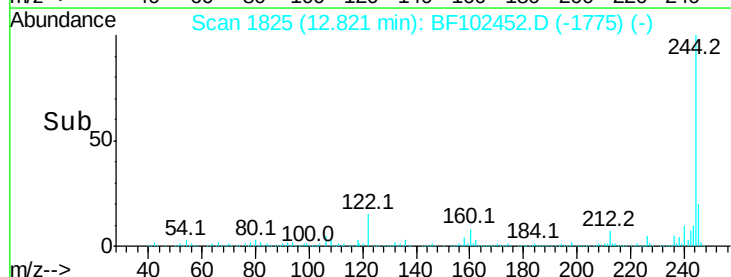
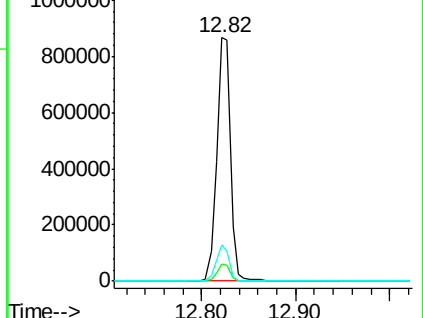
122 14.7 11.0 16.4

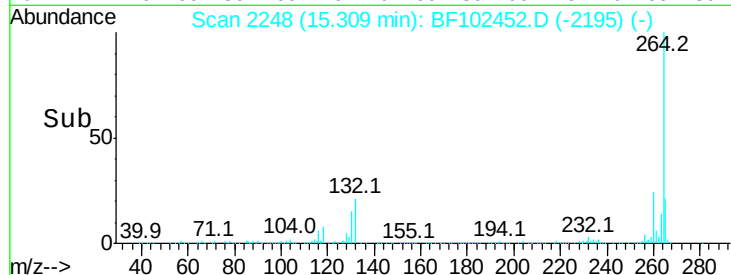
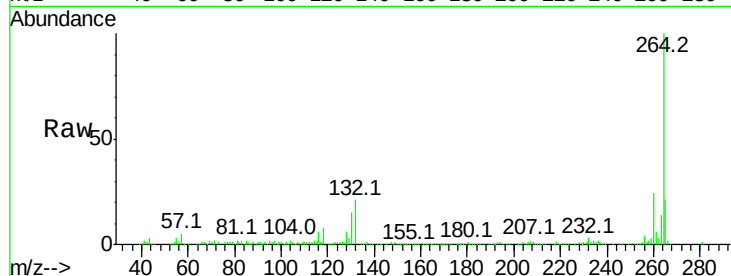
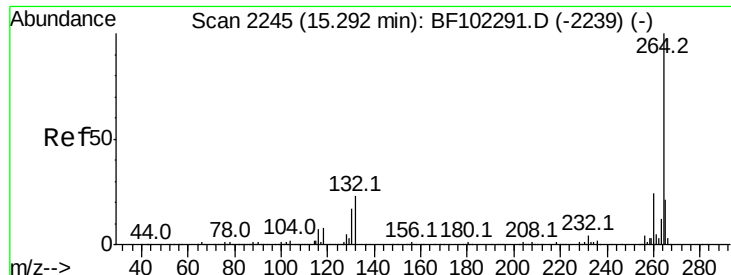


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF102452.D
Acq: 26 Jan 2018 4:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	220768
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.4	17.5	26.3

