

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF102980.D
 Acq On : 14 Feb 2018 11:06
 Operator : SJ/JU
 Sample : J1515-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 12:39:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

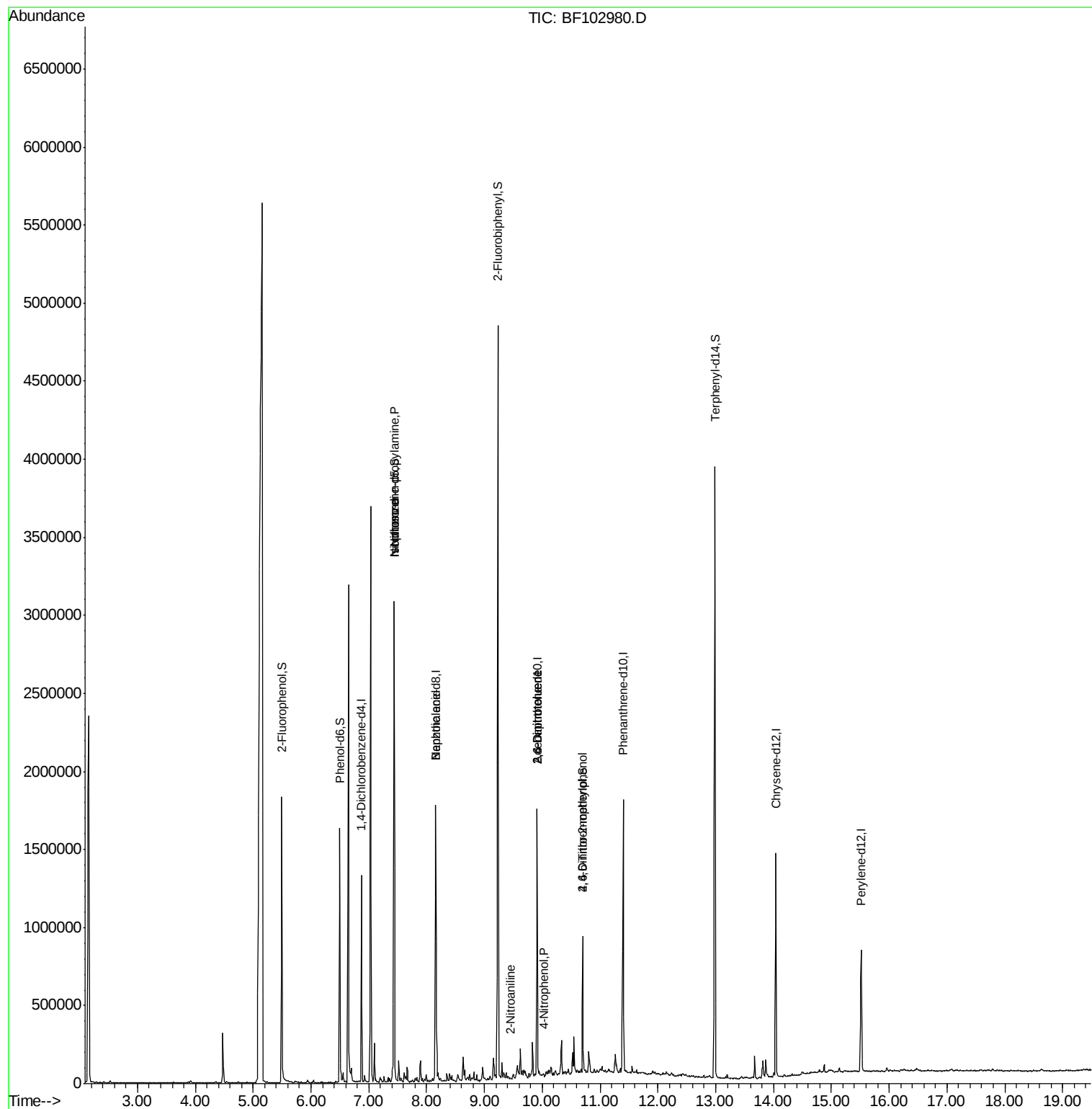
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	177051	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	758746	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	354130	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	629647	20.00	ng	0.00
75) Chrysene-d12	14.04	240	460360	20.00	ng	0.00
86) Perylene-d12	15.52	264	332169	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	542984	46.57	ng	0.01
7) Phenol-d6	6.50	99	471001	33.55	ng	0.00
23) Nitrobenzene-d5	7.44	82	1002485	91.66	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	84405	29.61	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1651907	77.40	ng	0.00
78) Terphenyl-d14	12.99	244	1580417	81.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	132360	14.301	ng	# 80
25) Isophorone	7.44	82	1002464	39.803	ng	# 65
32) Benzoic acid	8.16	122	139	8.561	ng	# 1
47) 2-Nitroaniline	9.44	65	231	3.502	ng	# 2
50) 2,6-Dinitrotoluene	9.91	165	47713	9.083	ng	# 26
55) 4-Nitrophenol	10.02	139	562	4.124	ng	# 15
56) 2,4-Dinitrotoluene	9.91	165	47713	9.414	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.70	198	110	8.831	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102980.D
Acq On : 14 Feb 2018 11:06
Operator : SJ/JU
Sample : J1515-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 14 12:39:51 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration



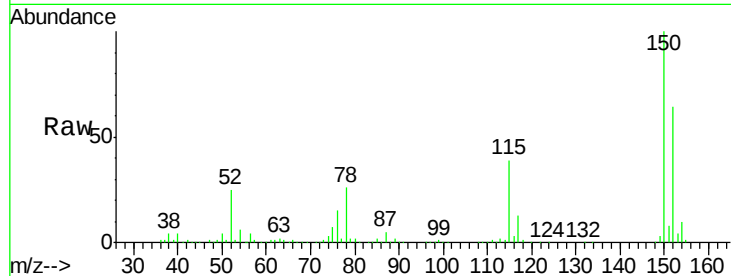


#1

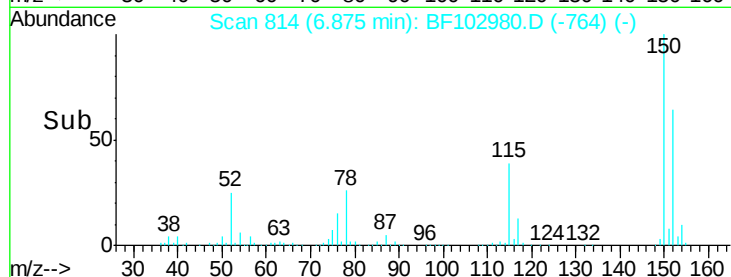
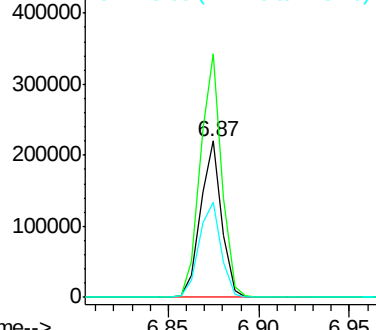
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102980.D
Acq: 14 Feb 2018 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 177051
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 61.2 50.1 75.1



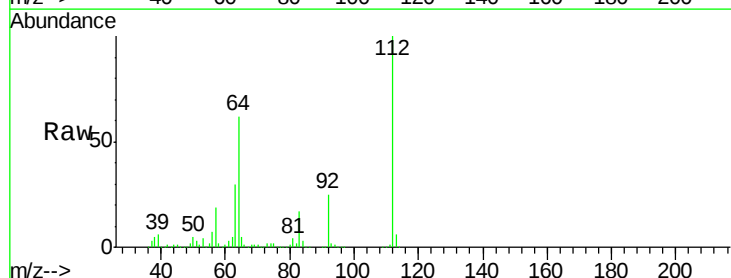
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



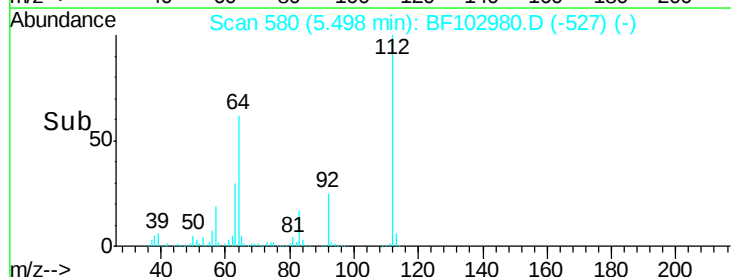
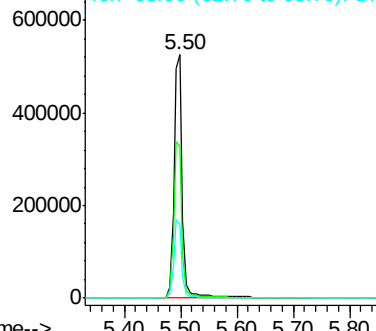
#5

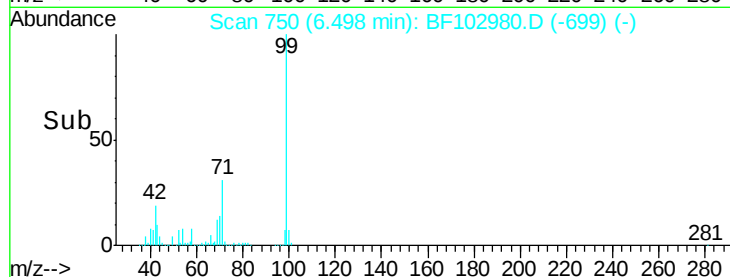
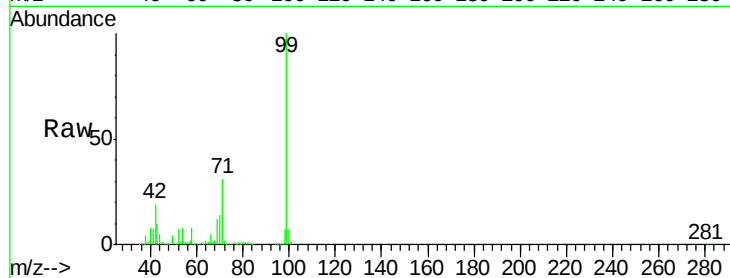
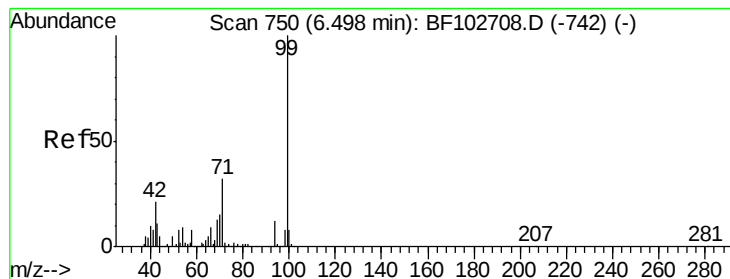
2-Fluorophenol
Concen: 46.575 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102980.D
Acq: 14 Feb 2018 11:06

Tgt Ion:112 Resp: 542984
Ion Ratio Lower Upper
112 100
64 62.0 47.9 71.9
63 30.3 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: 33.553 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF102980.D

Acq: 14 Feb 2018 11:06

Instrument :

BNA_F

ClientSampleId :

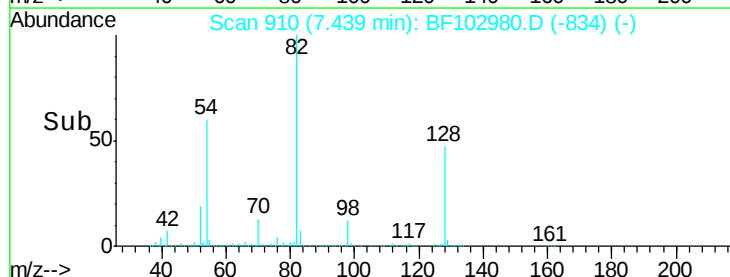
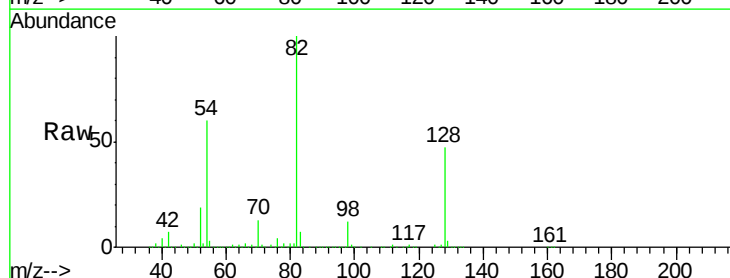
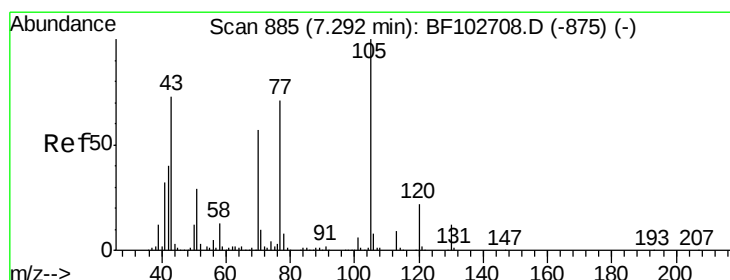
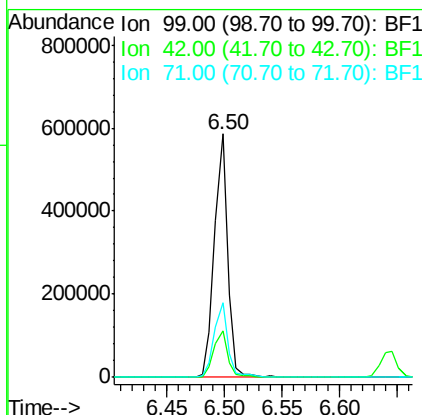
Tot Ion: 99 Resp: 471001

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 30.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.301 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF102980.D

Acq: 14 Feb 2018 11:06

Tgt Ion: 70 Resp: 132360

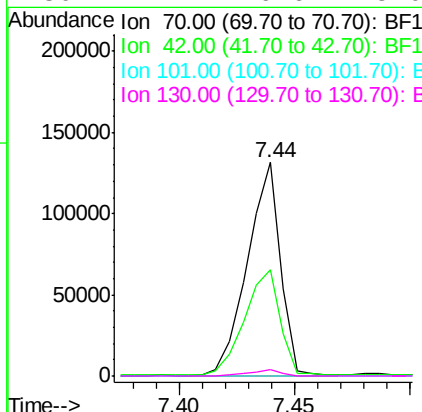
Ion Ratio Lower Upper

70 100

42 50.0 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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF102980.D

Acq: 14 Feb 2018 11:06

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 758746

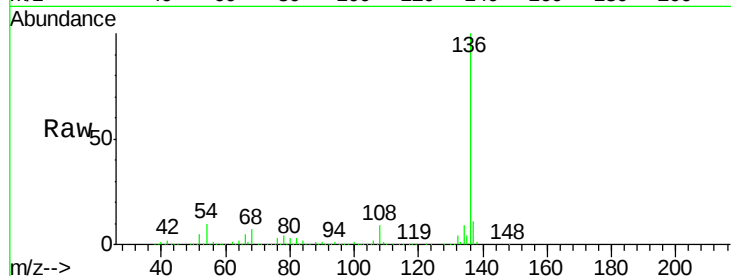
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.7 6.6 9.8

68 6.6 5.0 7.4

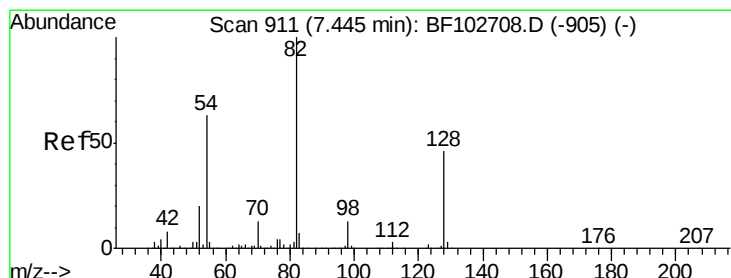
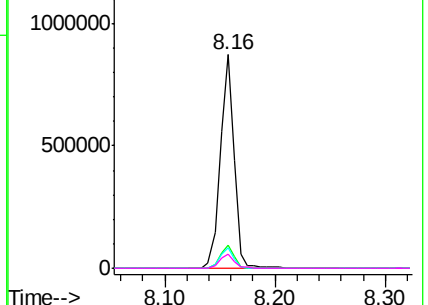
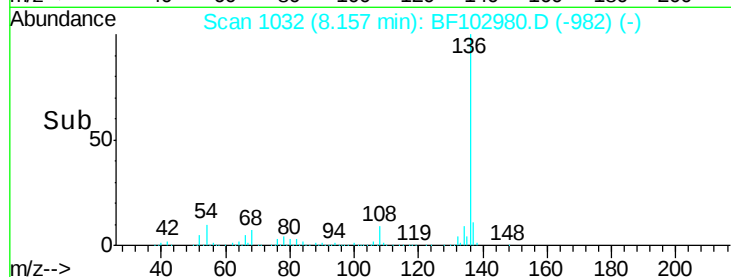


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.655 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF102980.D

Acq: 14 Feb 2018 11:06

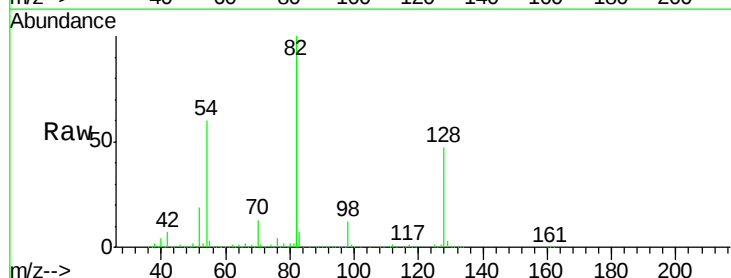
Tgt Ion: 82 Resp: 1002485

Ion Ratio Lower Upper

82 100

128 46.6 36.1 54.1

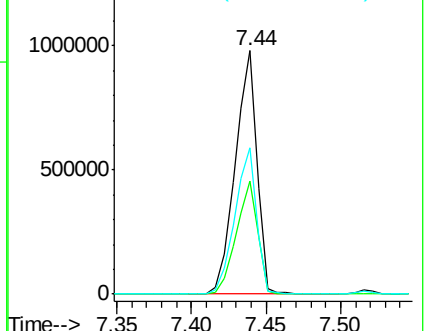
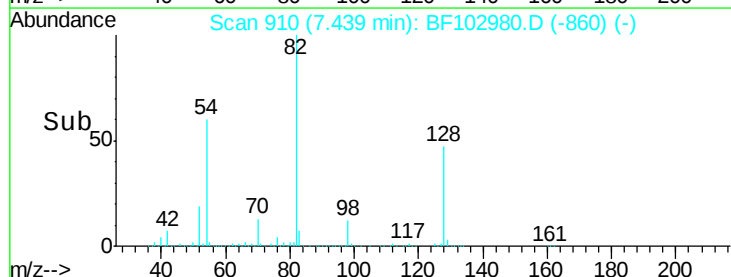
54 60.3 41.4 62.2

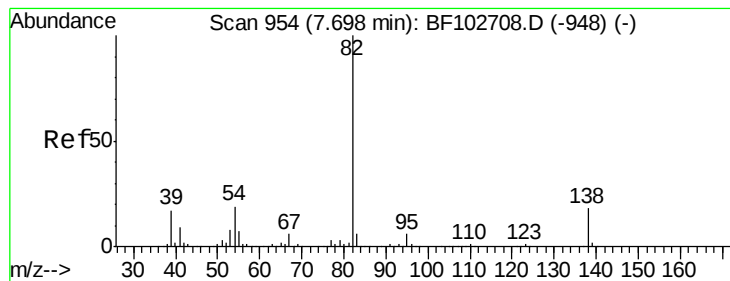


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.803 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF102980.D

Acq: 14 Feb 2018 11:06

Instrument :

BNA_F

ClientSampled :

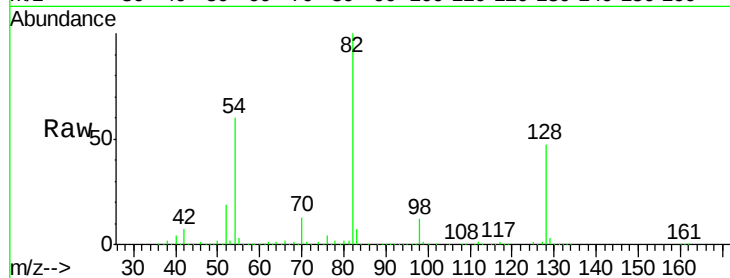
Tot Ion: 82 Resp: 1002464

Ion Ratio Lower Upper

82 100

95 0.4 5.2 7.8#

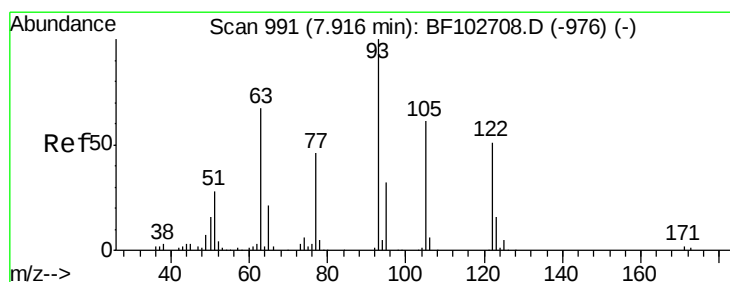
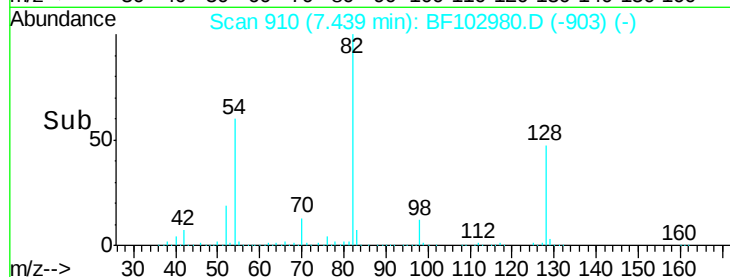
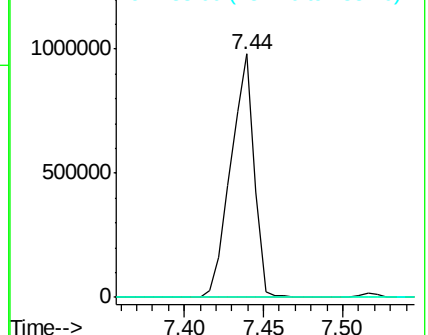
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 8.561 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.24 min

Lab File: BF102980.D

Acq: 14 Feb 2018 11:06

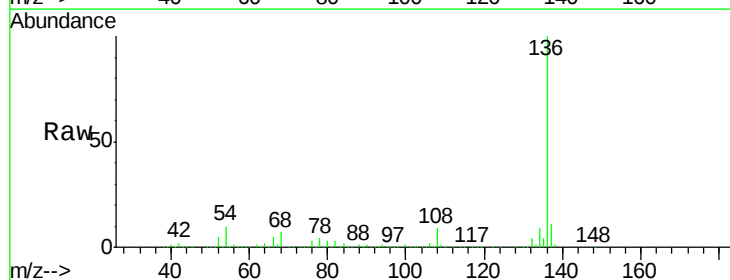
Tgt Ion:122 Resp: 139

Ion Ratio Lower Upper

122 100

105 227.6 101.1 141.1#

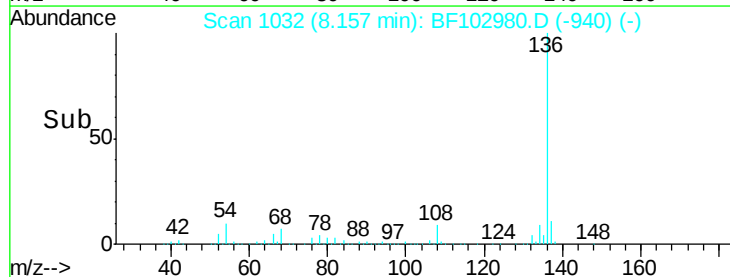
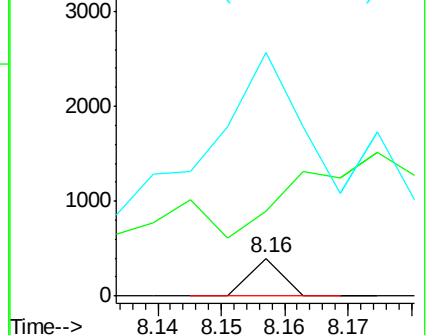
77 649.4 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF102980.D

Acq: 14 Feb 2018 11:06

Instrument :

BNA_F

ClientSampled :

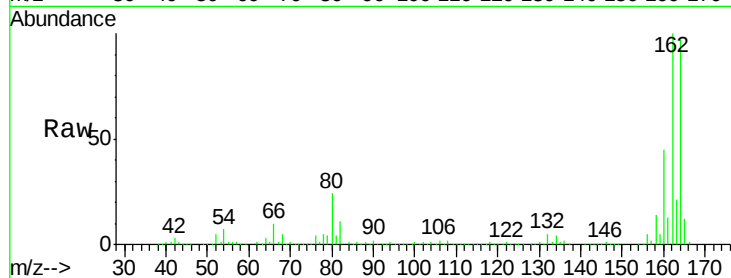
Tot Ion:164 Resp: 354130

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

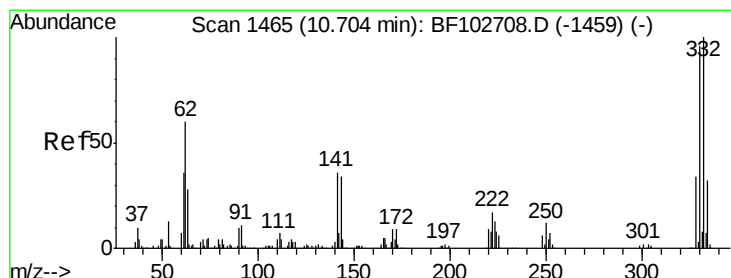
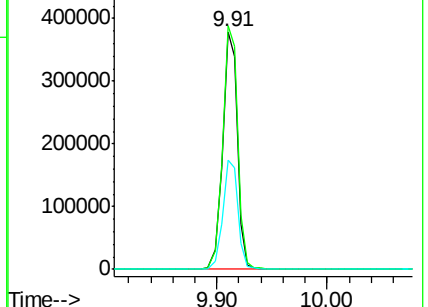
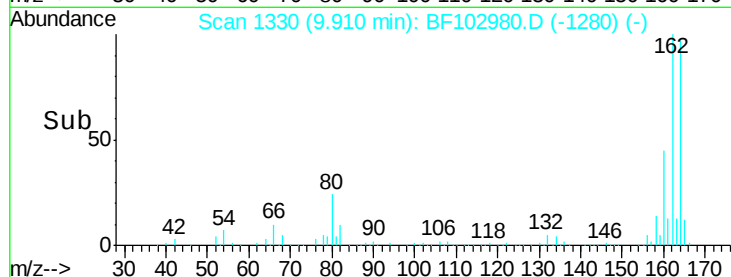
160 46.2 38.3 57.5



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: 29.612 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF102980.D

Acq: 14 Feb 2018 11:06

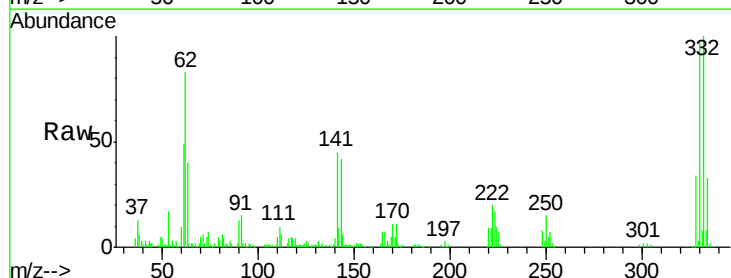
Tgt Ion:330 Resp: 84405

Ion Ratio Lower Upper

330 100

332 102.0 77.0 115.6

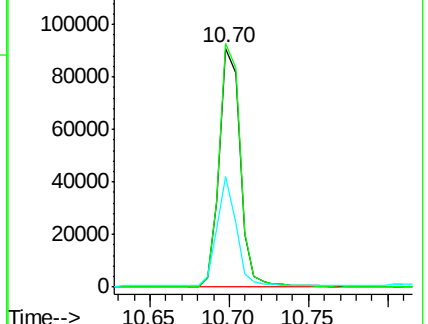
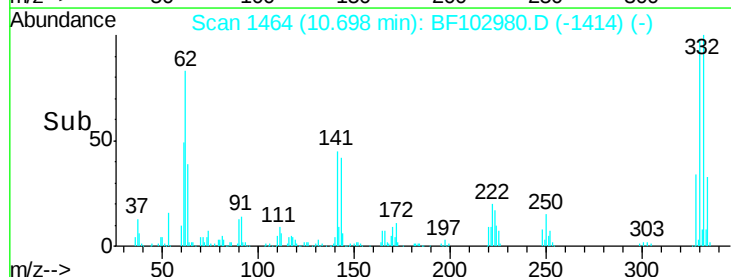
141 42.0 29.9 44.9

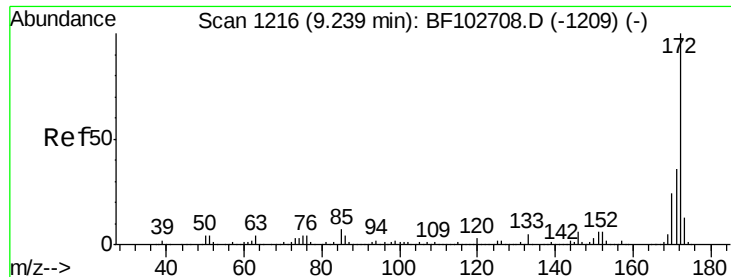


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



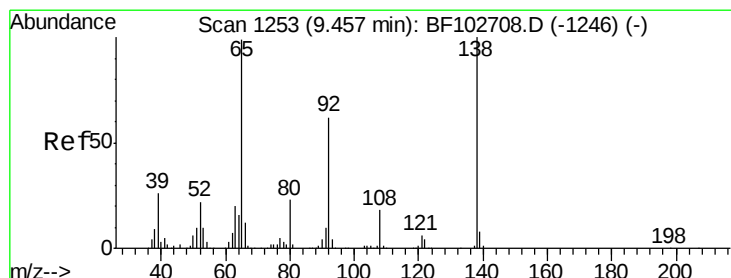
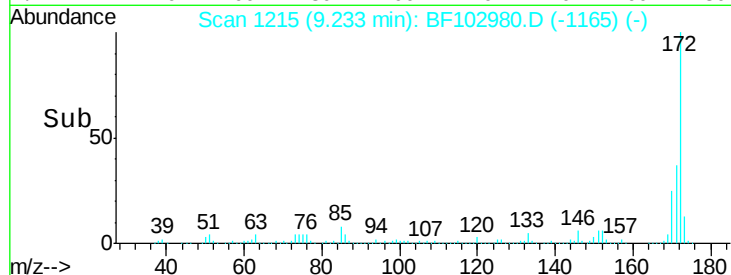
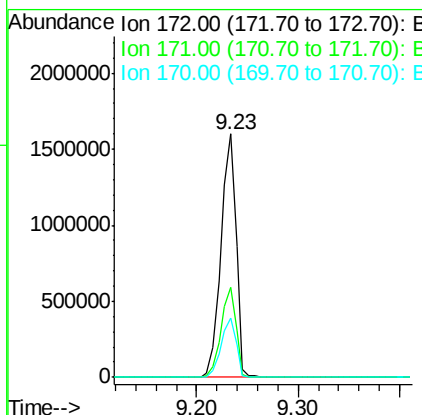
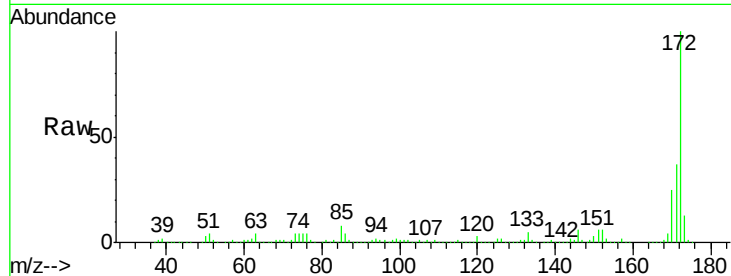


#44
 2-Fluorobiphenyl
 Concen: 77.404 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF102980.D
 Acq: 14 Feb 2018 11:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1651907

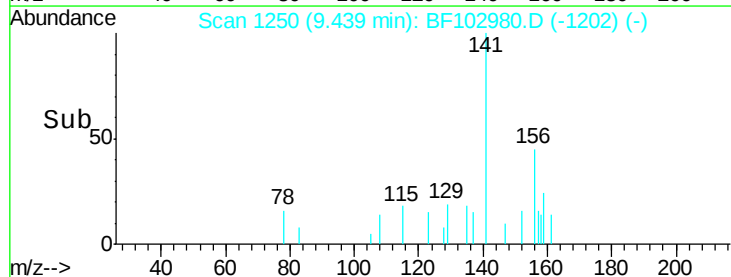
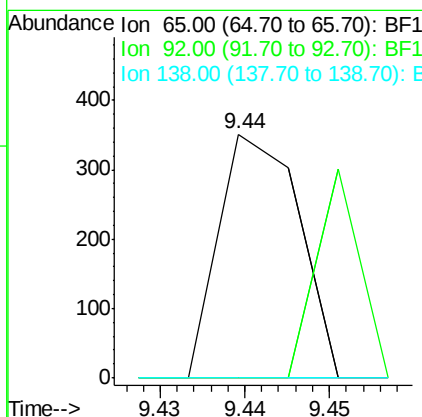
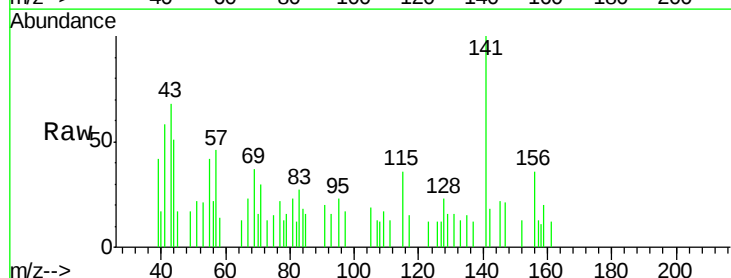
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.5	19.6	29.4

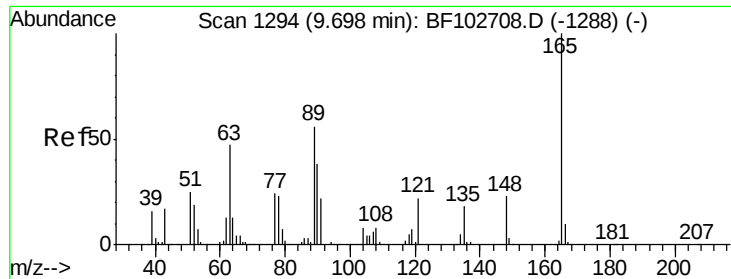


#47
 2-Nitroaniline
 Concen: 3.502 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.02 min
 Lab File: BF102980.D
 Acq: 14 Feb 2018 11:06

Tgt Ion: 65 Resp: 231

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#

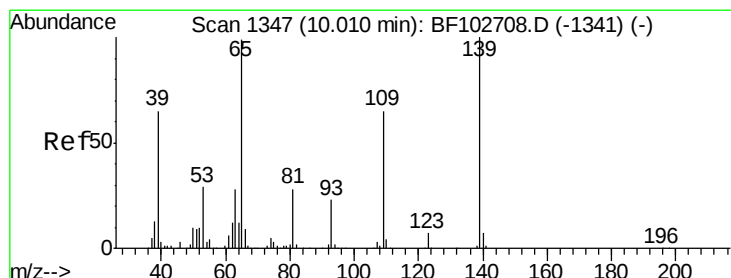
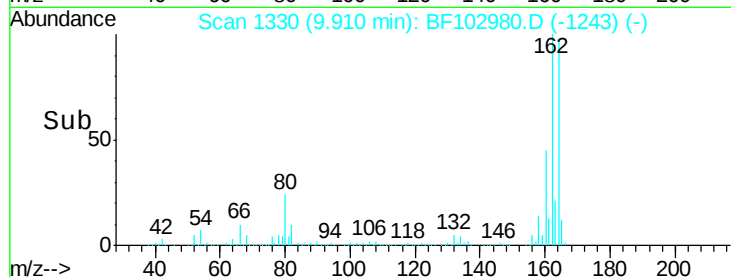
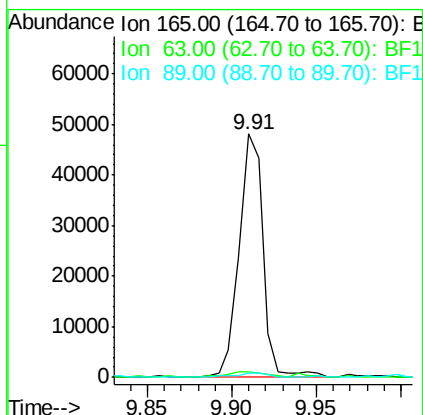
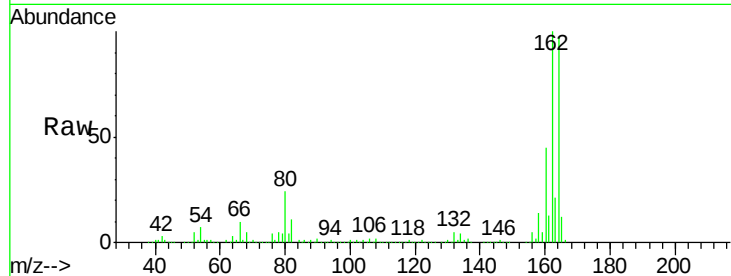




#50
 2,6-Dinitrotoluene
 Concen: 9.083 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF102980.D
 Acq: 14 Feb 2018 11:06

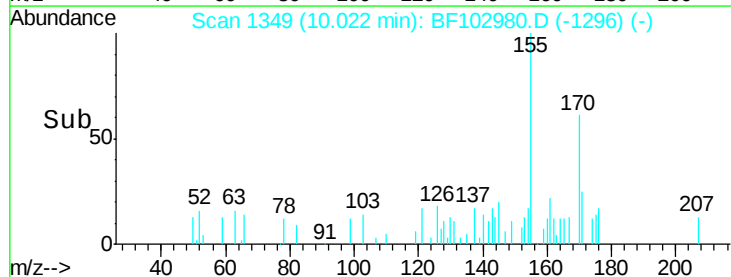
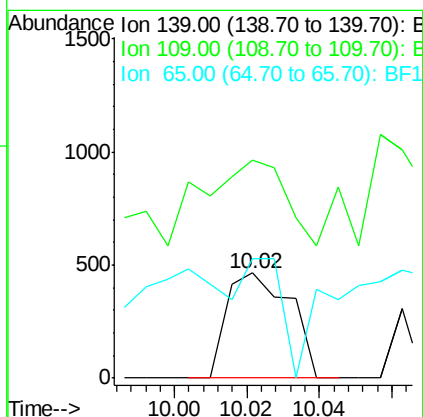
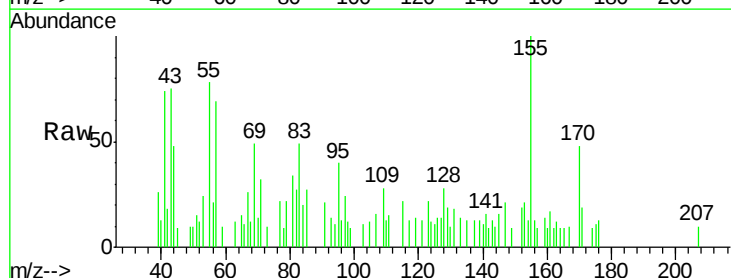
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 47713
 Ion Ratio Lower Upper
 165 100
 63 2.1 44.7 67.1#
 89 1.5 44.0 66.0#



#55
 4-Nitrophenol
 Concen: 4.124 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.01 min
 Lab File: BF102980.D
 Acq: 14 Feb 2018 11:06

Tgt Ion:139 Resp: 562
 Ion Ratio Lower Upper
 139 100
 109 207.5 48.4 88.4#
 65 113.4 72.6 112.6#

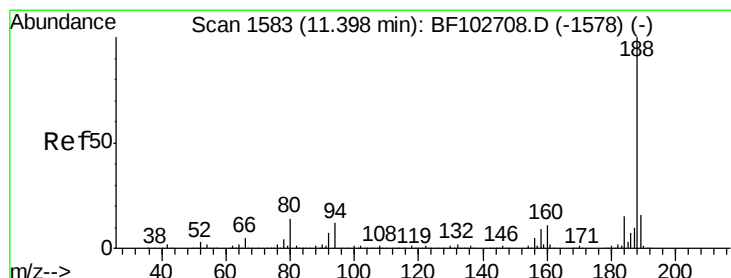
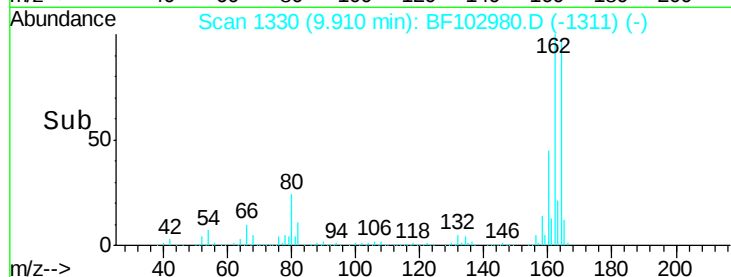
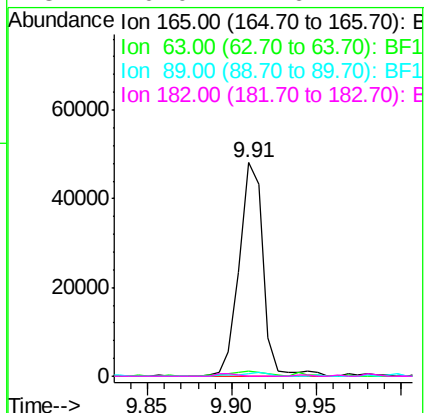
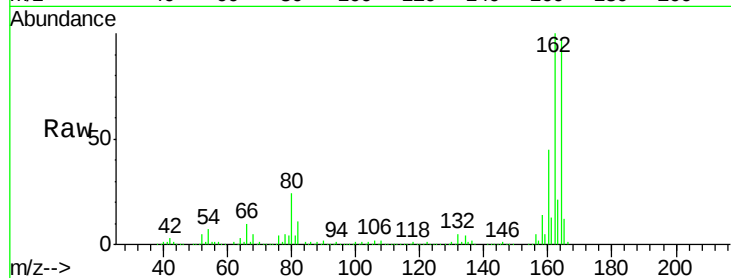




#56
 2,4-Dinitrotoluene
 Concen: 9.414 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.19 min
 Lab File: BF102980.D
 Acq: 14 Feb 2018 11:06

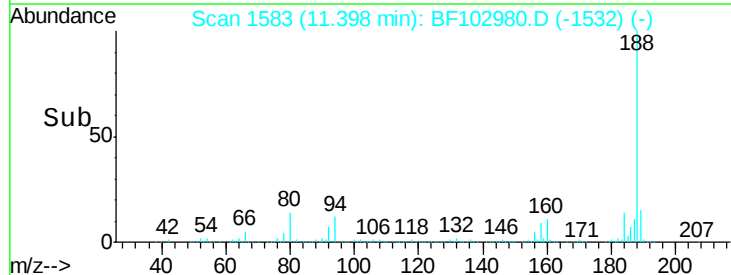
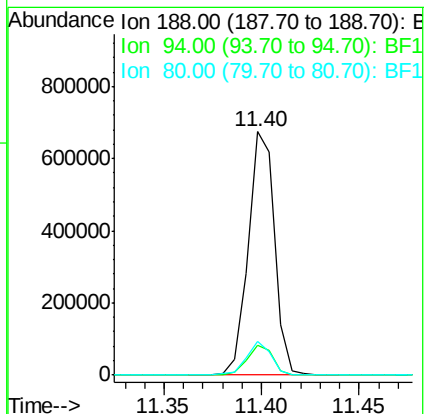
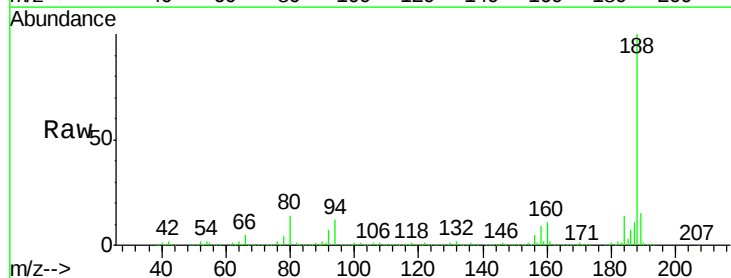
Instrument :
 BNA_F
 ClientSampleId :

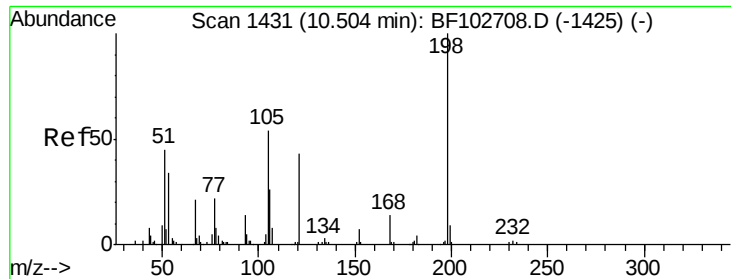
Tot Ion:165 Resp: 47713
 Ion Ratio Lower Upper
 165 100
 63 2.1 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF102980.D
 Acq: 14 Feb 2018 11:06

Tgt Ion:188 Resp: 629647
 Ion Ratio Lower Upper
 188 100
 94 12.1 8.5 12.7
 80 13.7 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 8.831 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.20 min

Lab File: BF102980.D

Acq: 14 Feb 2018 11:06

Instrument :

BNA_F

ClientSampled :

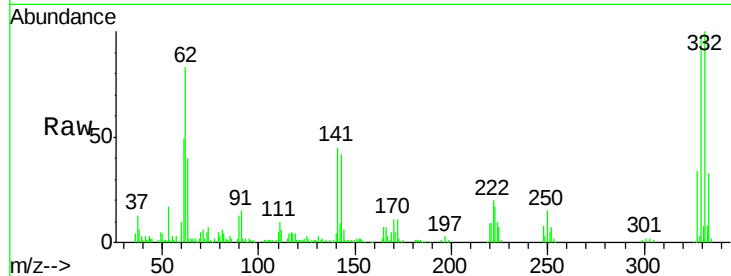
Tot Ion:198 Resp: 110

Ion Ratio Lower Upper

198 100

51 371.2 37.7 77.7#

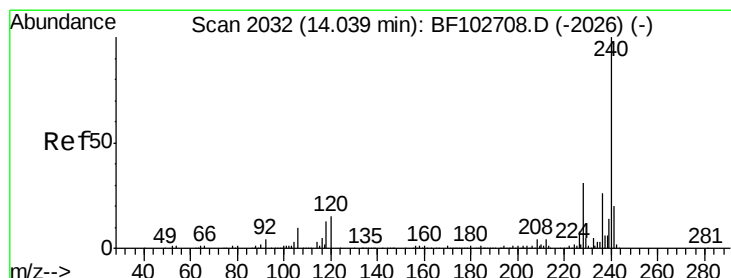
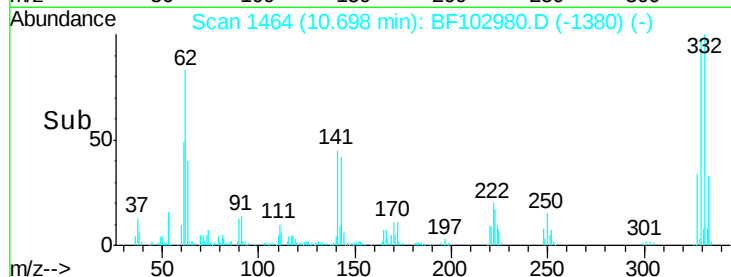
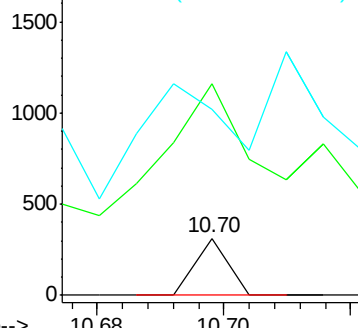
105 324.9 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF102980.D

Acq: 14 Feb 2018 11:06

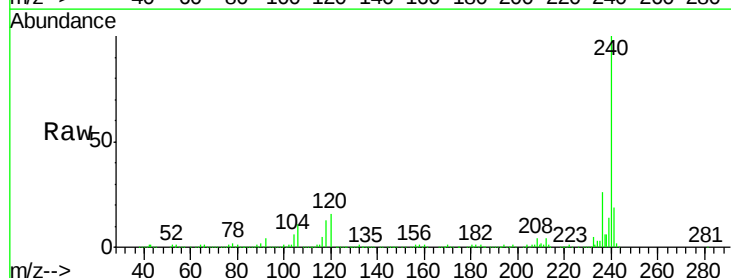
Tgt Ion:240 Resp: 460360

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

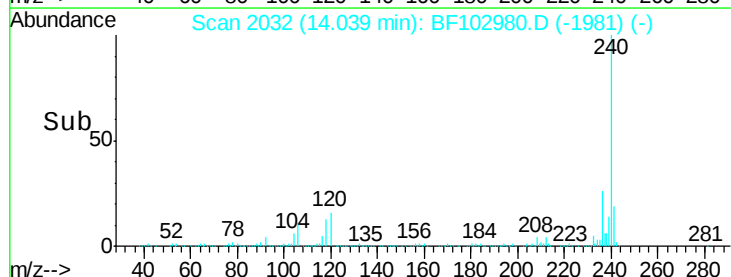
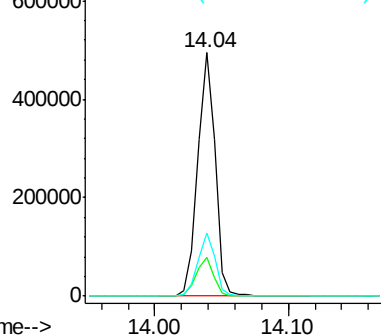
236 25.8 20.7 31.1

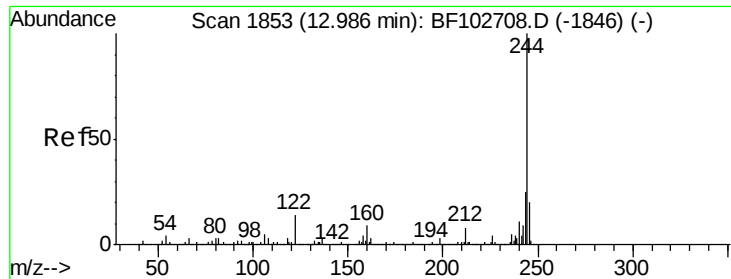


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.286 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102980.D

Acq: 14 Feb 2018 11:06

Instrument :

BNA_F

ClientSampleId :

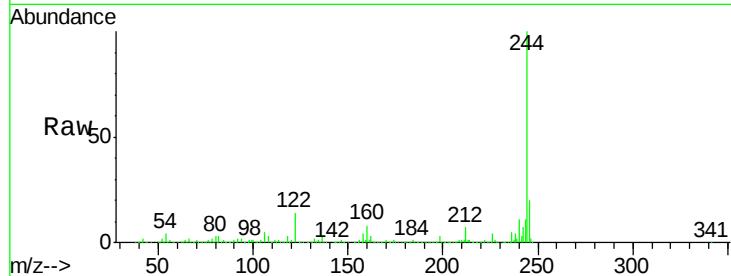
Tot Ion:244 Resp: 1580417

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

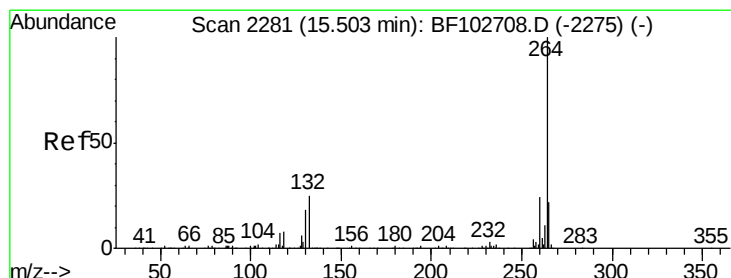
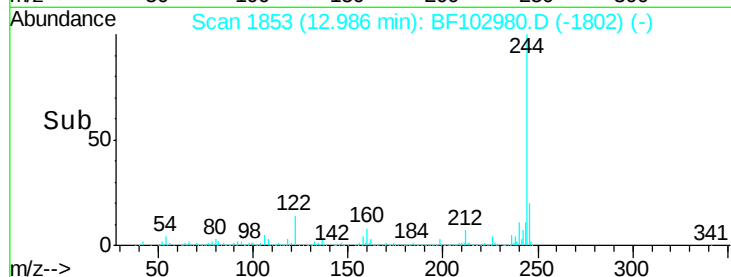
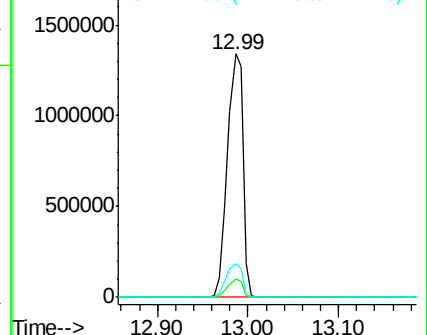
122 14.1 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BF102980.D

Acq: 14 Feb 2018 11:06

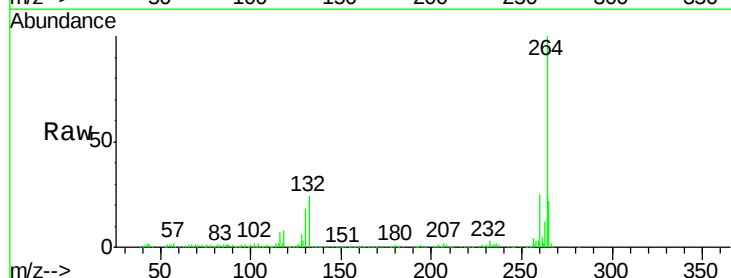
Tgt Ion:264 Resp: 332169

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.8 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

