

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021618\
 Data File : BF103056.D
 Acq On : 16 Feb 2018 17:00
 Operator : SJ/JU
 Sample : J1401-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-021518-A

Quant Time: Feb 16 17:46:12 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

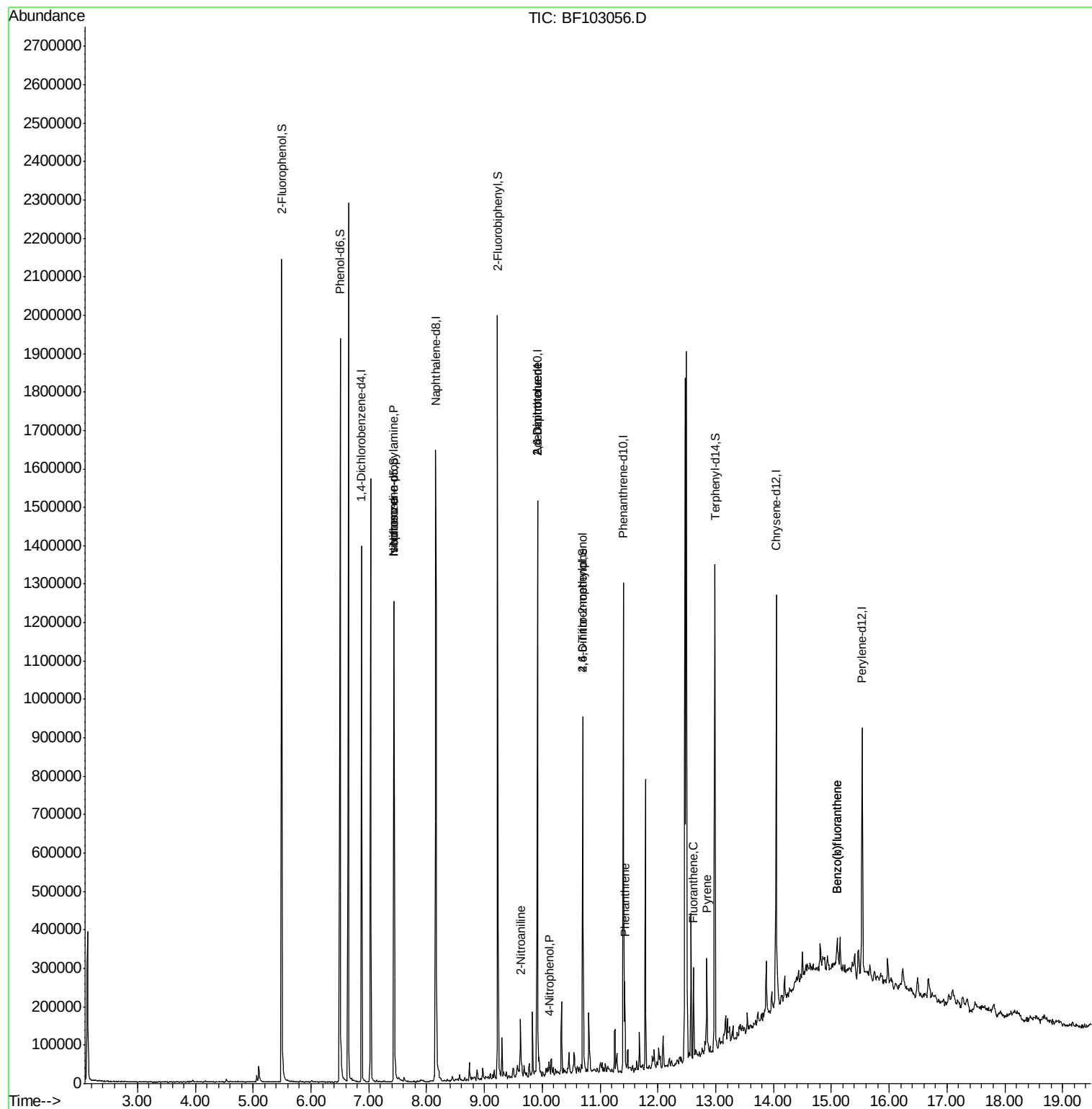
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	184567	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	739568	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	290299	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	429789	20.00	ng	0.00
75) Chrysene-d12	14.04	240	325186	20.00	ng	-0.01
86) Perylene-d12	15.53	264	277723	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	563656	46.38	ng	0.00
7) Phenol-d6	6.50	99	688444	47.05	ng	0.00
23) Nitrobenzene-d5	7.43	82	407026	38.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	101861	43.59	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	612638	35.02	ng	-0.01
78) Terphenyl-d14	12.99	244	401945	29.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	54275	5.625	ng	# 80
25) Isophorone	7.43	82	407083	16.583	ng	# 64
47) 2-Nitroaniline	9.62	65	783	3.594	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	37761	8.769	ng	# 26
55) 4-Nitrophenol	10.12	139	2951	4.668	ng	# 16
56) 2,4-Dinitrotoluene	9.92	165	37761	9.195	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	109	8.848	ng	# 1
70) Phenanthrene	11.43	178	72439	3.026	ng	98
74) Fluoranthene	12.62	202	84191	3.496	ng	97
77) Pyrene	12.84	202	79247	3.108	ng	98
87) Benzo(b)fluoranthene	15.10	252	50151	2.785	ng	# 77
88) Benzo(k)fluoranthene	15.10	252	50151	2.915	ng	# 80

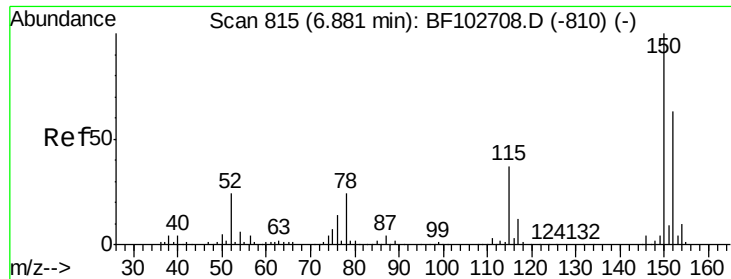
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_F
ClientSampled :
SA-06-021518-A

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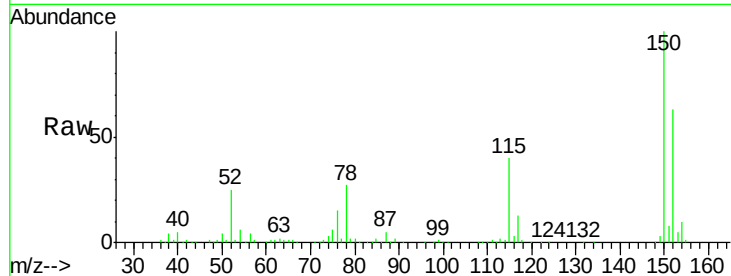


#1

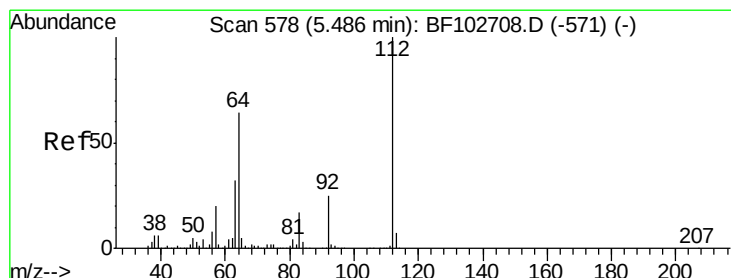
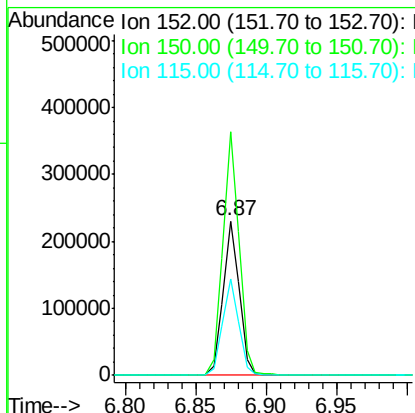
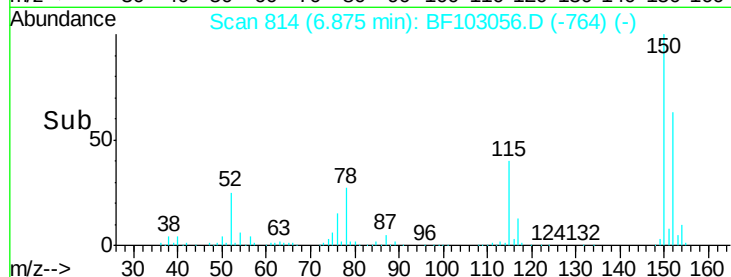
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103056.D
Acq: 16 Feb 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SA-06-021518-A

Tgt Ion:152 Resp: 184567
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 62.3 50.1 75.1



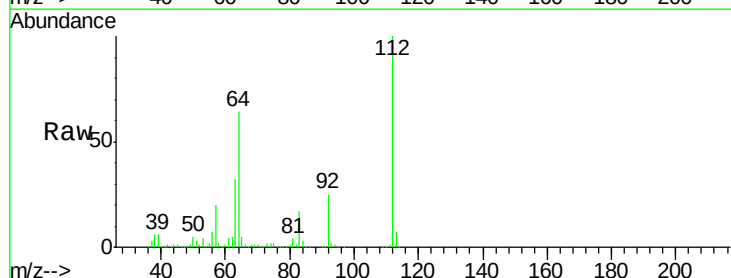
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



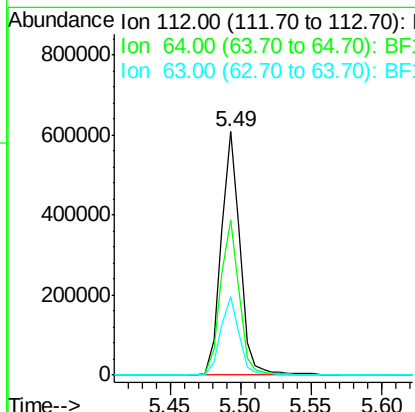
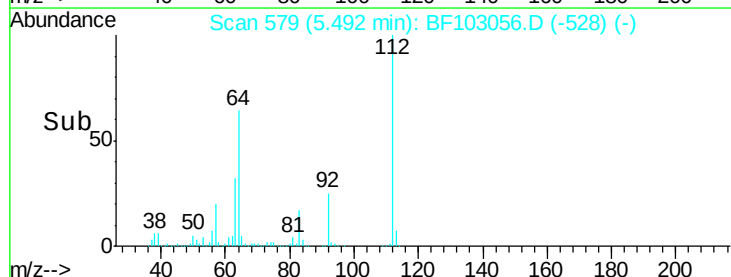
#5

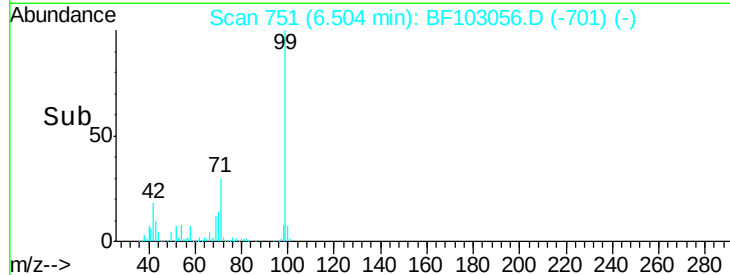
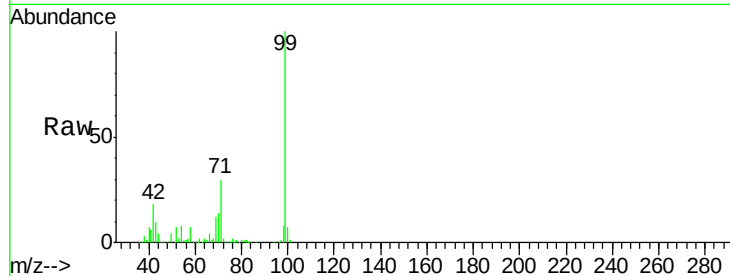
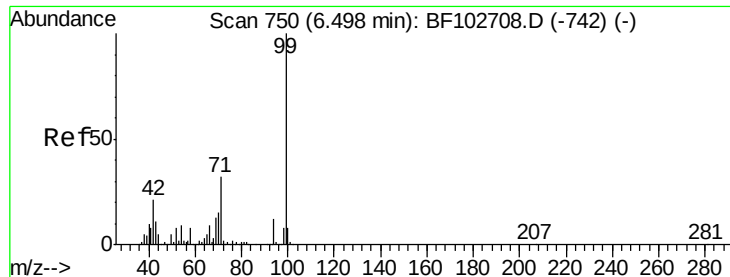
2-Fluorophenol
Concen: 46.379 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF103056.D
Acq: 16 Feb 2018 17:00

Tgt Ion:112 Resp: 563656
Ion Ratio Lower Upper
112 100
64 64.0 47.9 71.9
63 32.2 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: 47.046 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103056.D

Acq: 16 Feb 2018 17:00

Instrument :

BNA_F

ClientSampleId :

SA-06-021518-A

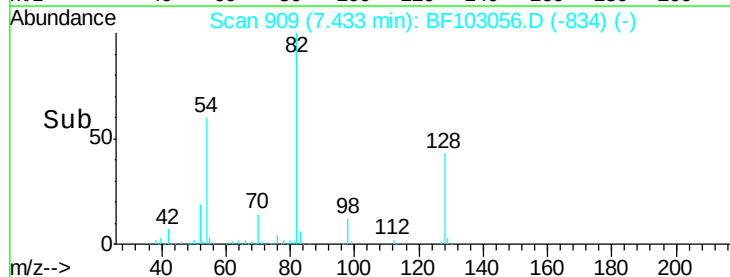
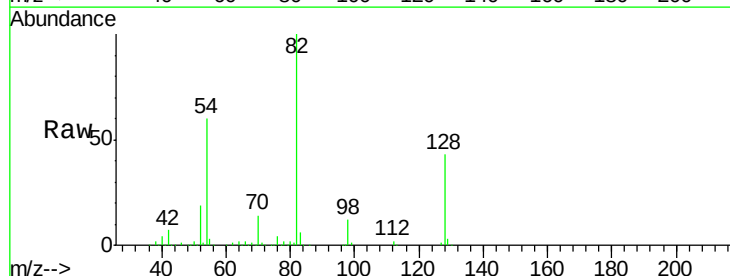
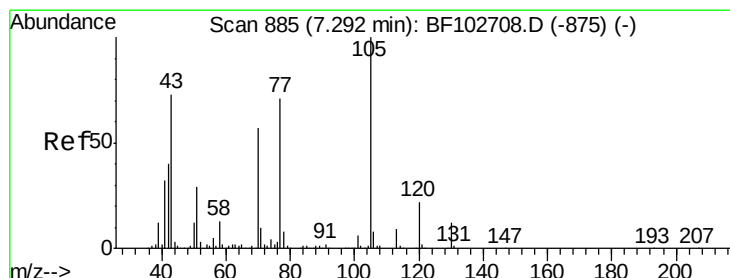
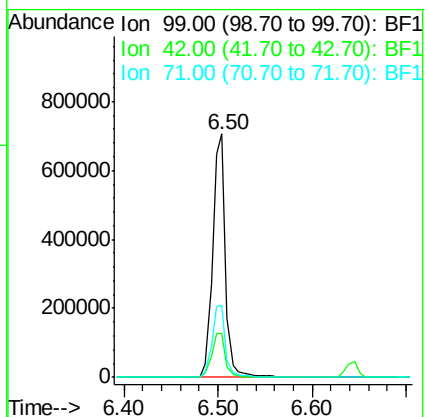
Tgt Ion: 99 Resp: 688444

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

71 29.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 5.625 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF103056.D

Acq: 16 Feb 2018 17:00

Tgt Ion: 70 Resp: 54275

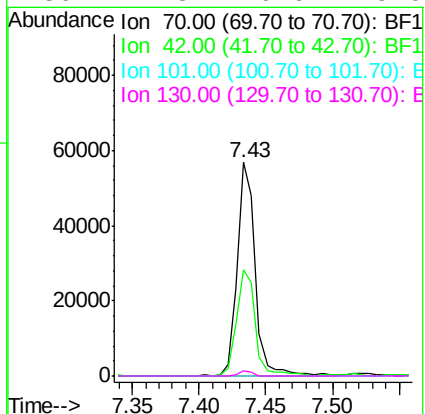
Ion Ratio Lower Upper

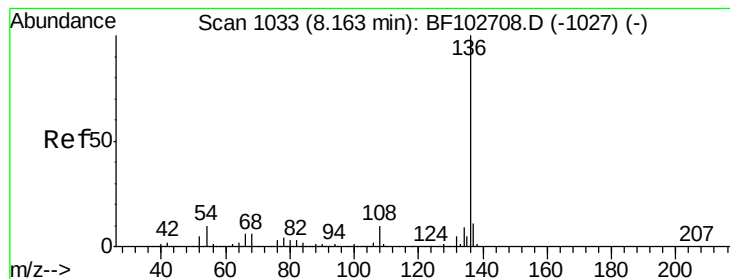
70 100

42 50.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 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: BF103056.D

Acq: 16 Feb 2018 17:00

Instrument :

BNA_F

ClientSampleId :

SA-06-021518-A

Tgt Ion: 136 Resp: 739568

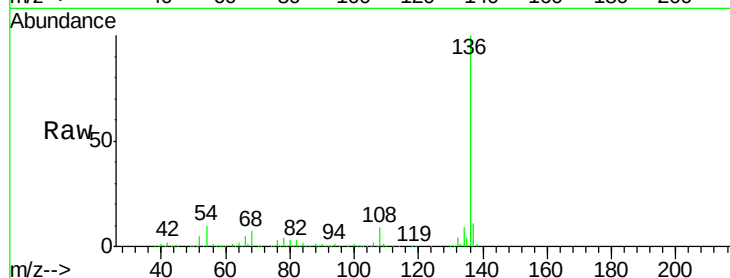
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 10.0 6.6 9.8#

68 6.7 5.0 7.4

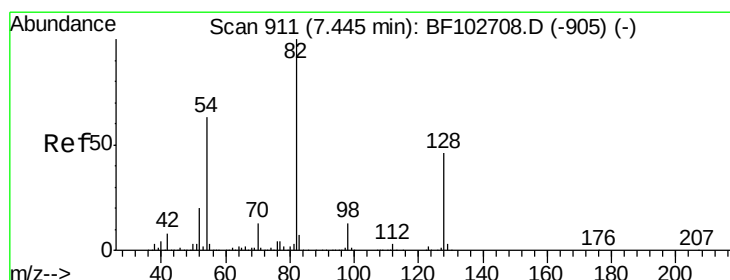
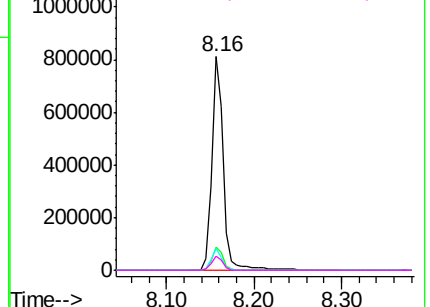
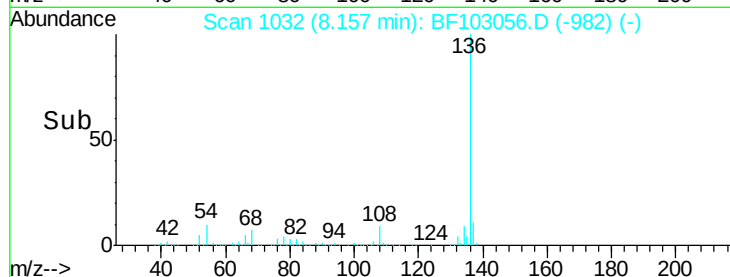


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.179 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103056.D

Acq: 16 Feb 2018 17:00

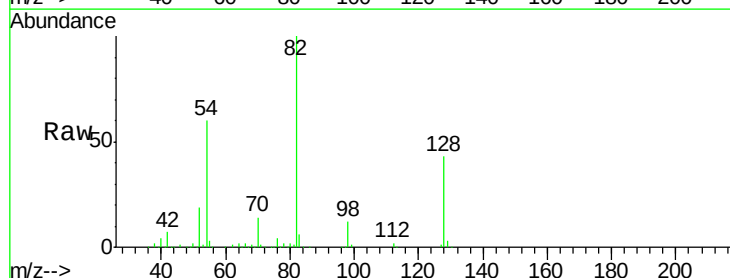
Tgt Ion: 82 Resp: 407026

Ion Ratio Lower Upper

82 100

128 42.8 36.1 54.1

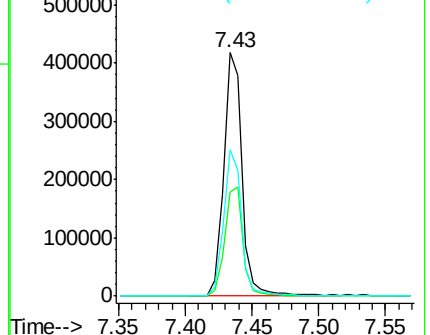
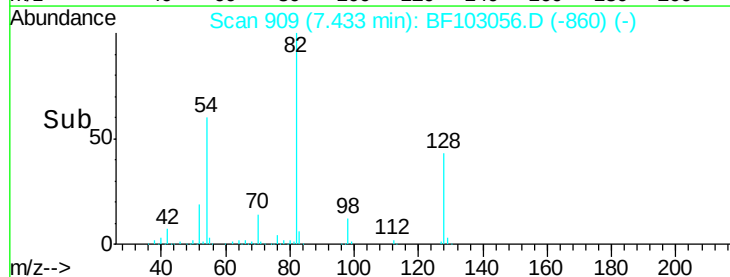
54 59.9 41.4 62.2

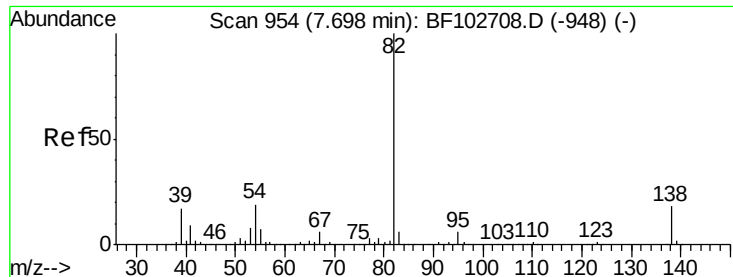


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 16.583 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF103056.D

Acq: 16 Feb 2018 17:00

Instrument :

BNA_F

ClientSampleId :

SA-06-021518-A

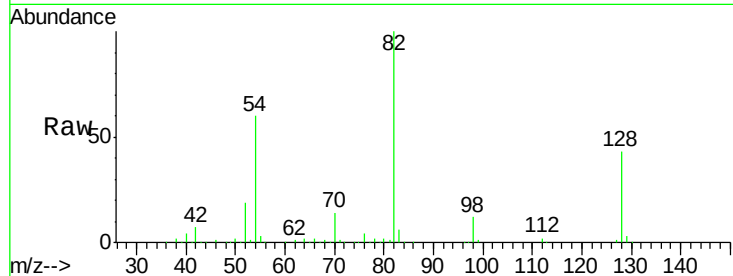
Tgt Ion: 82 Resp: 407083

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

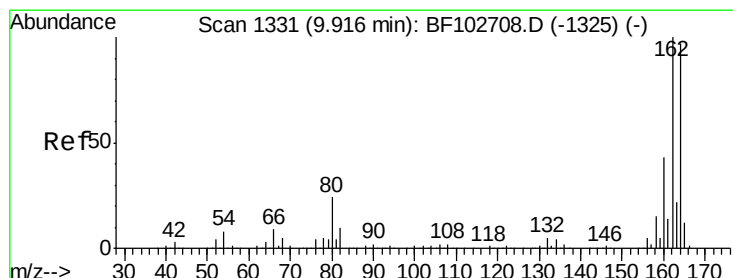
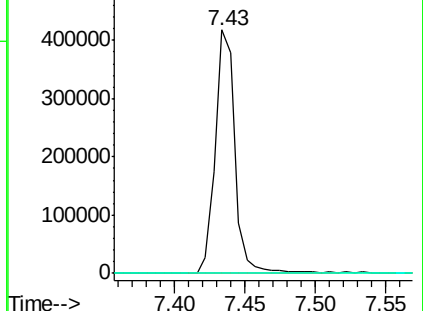
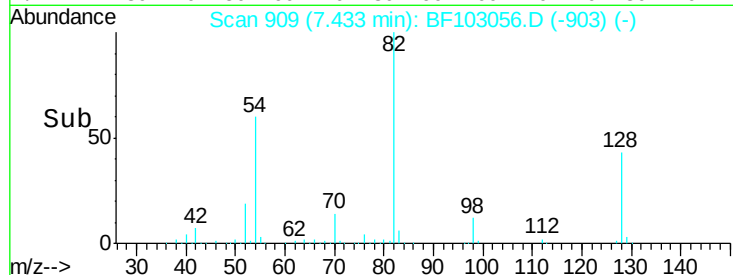
138 0.0 14.9 22.3#



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF103056.D

Acq: 16 Feb 2018 17:00

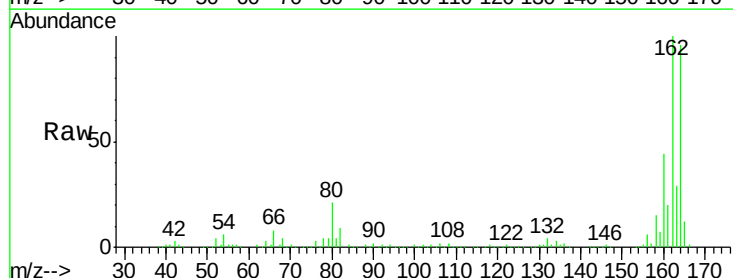
Tgt Ion: 164 Resp: 290299

Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

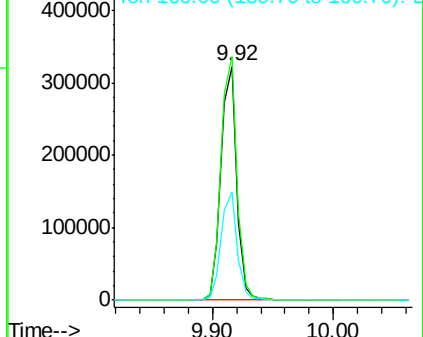
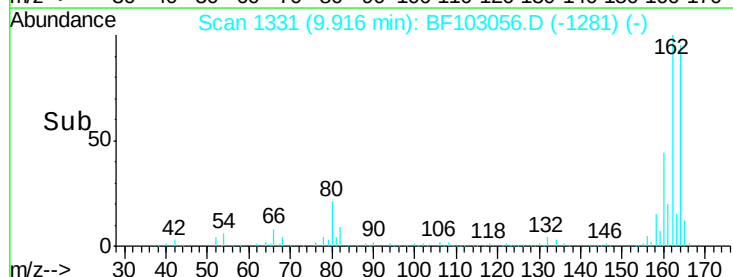
160 45.9 38.3 57.5

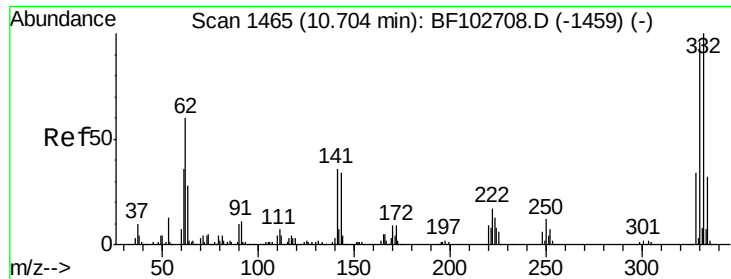


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

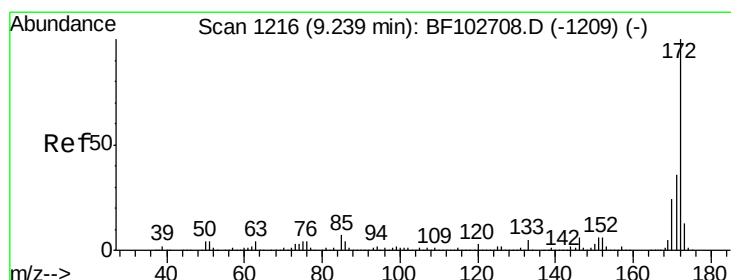
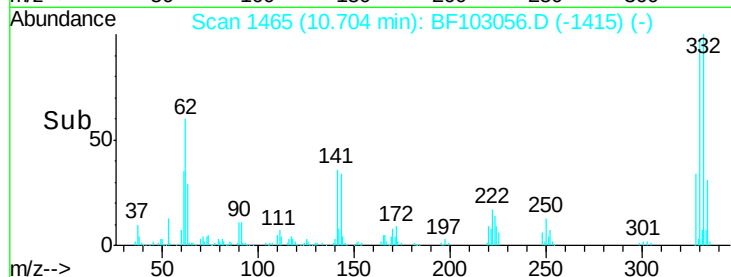
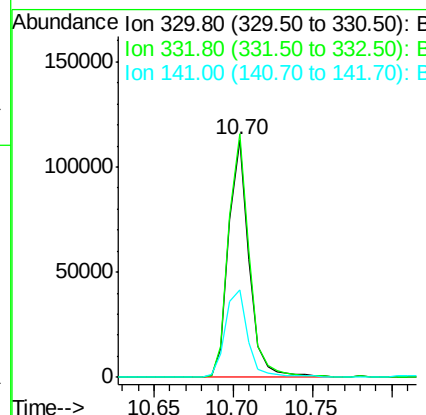
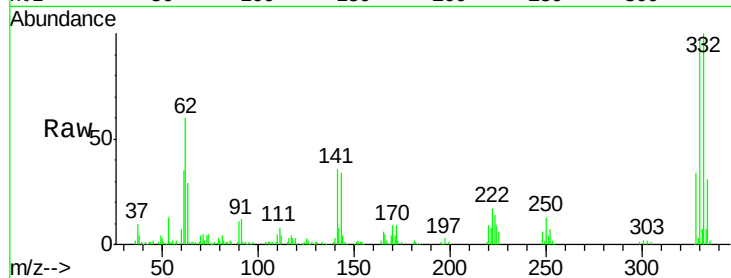




#41
 2,4,6-Tribromophenol
 Concen: 43.594 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103056.D
 Acq: 16 Feb 2018 17:00

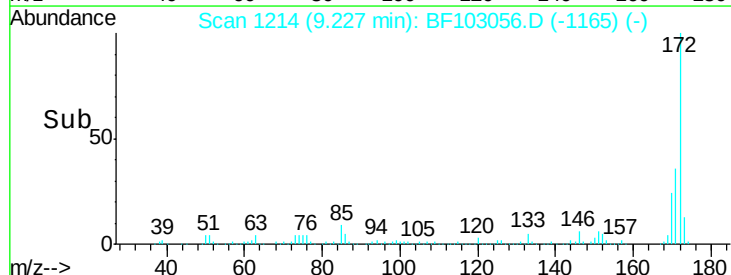
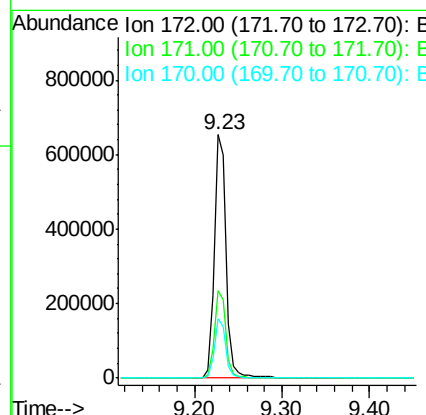
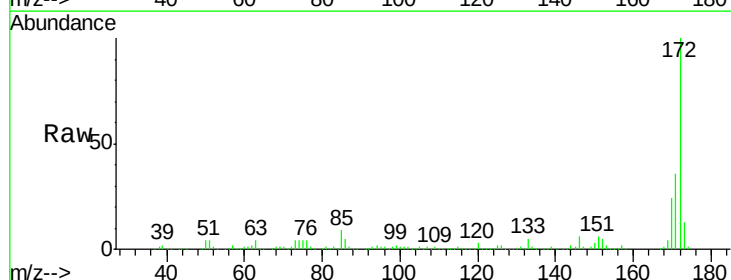
Instrument :
 BNA_F
 ClientSampleId :
 SA-06-021518-A

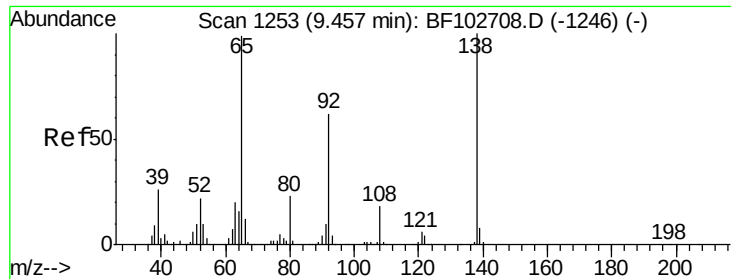
Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.4	77.0	115.6
141	41.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 35.019 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103056.D
 Acq: 16 Feb 2018 17:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.4	19.6	29.4





#47

2-Nitroaniline

Concen: 3.594 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.16 min

Lab File: BF103056.D

Acq: 16 Feb 2018 17:00

Instrument :

BNA_F

ClientSampleId :

SA-06-021518-A

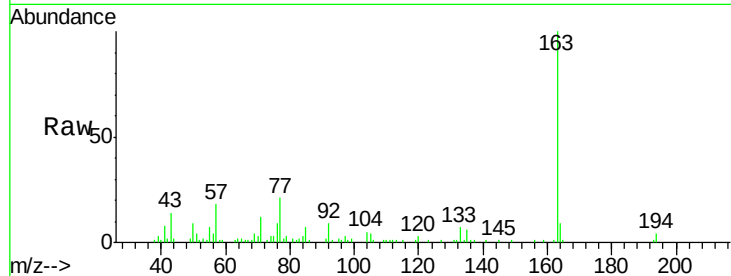
Tgt Ion: 65 Resp: 783

Ion Ratio Lower Upper

65 100

92 587.6 55.8 83.6#

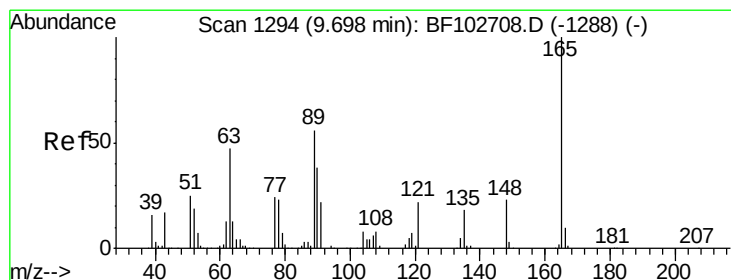
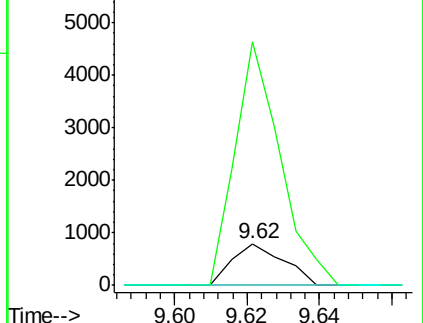
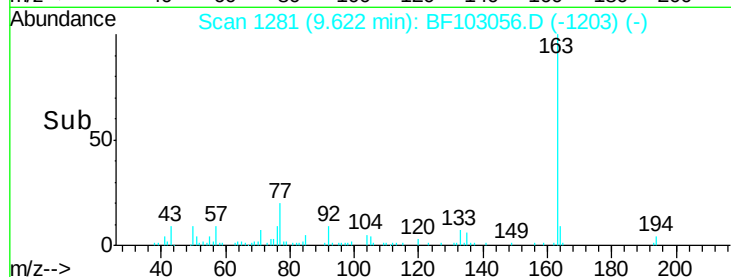
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#50

2,6-Dinitrotoluene

Concen: 8.769 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF103056.D

Acq: 16 Feb 2018 17:00

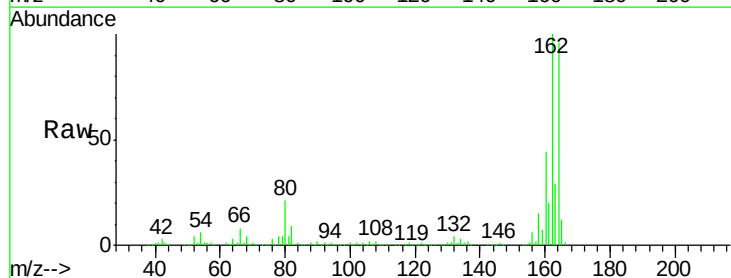
Tgt Ion: 165 Resp: 37761

Ion Ratio Lower Upper

165 100

63 1.6 44.7 67.1#

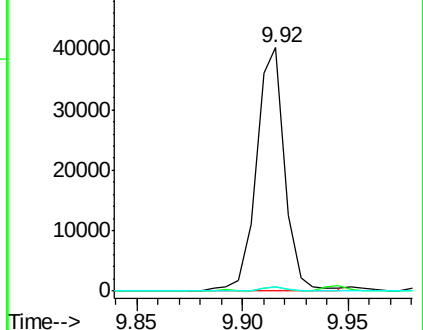
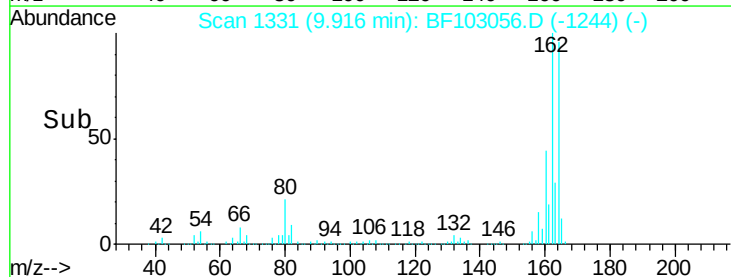
89 1.5 44.0 66.0#

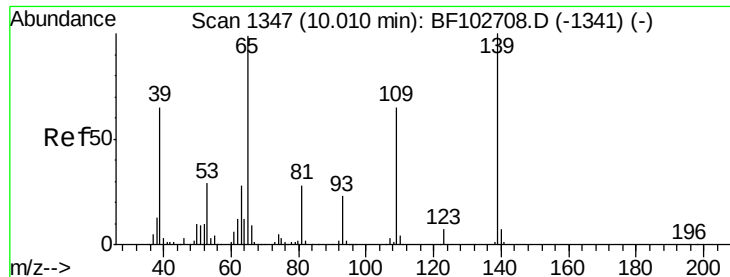


Abundance Ion 165.00 (164.70 to 165.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

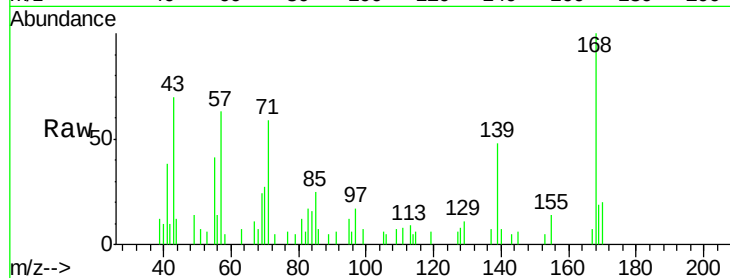




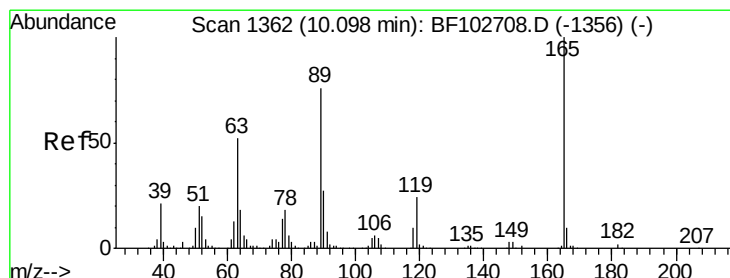
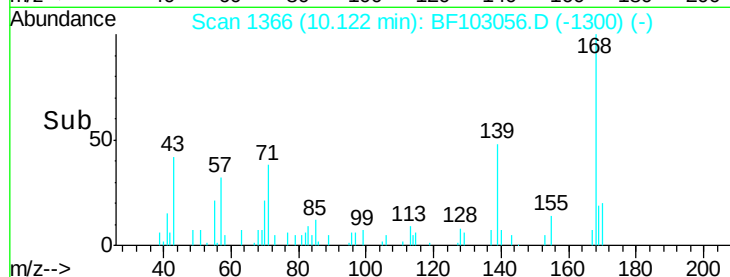
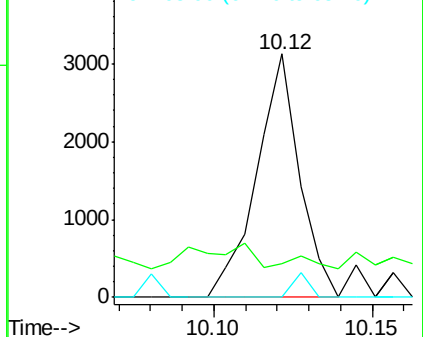
#55
4-Nitrophenol
Concen: 4.668 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.09 min
Lab File: BF103056.D
Acq: 16 Feb 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SA-06-021518-A

Tgt Ion:139 Resp: 2951
Ion Ratio Lower Upper
139 100
109 13.8 48.4 88.4#
65 0.0 72.6 112.6#

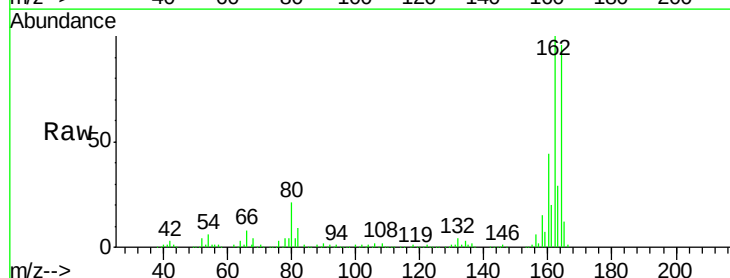


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

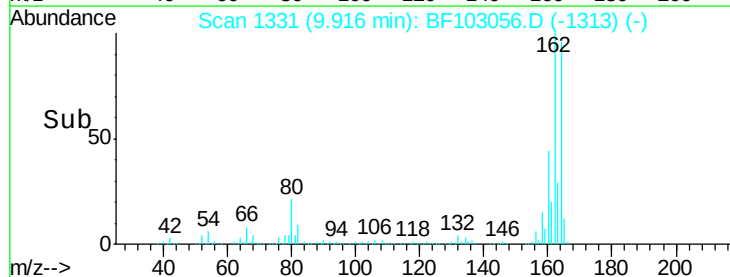
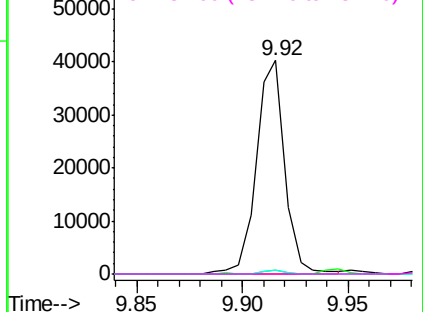


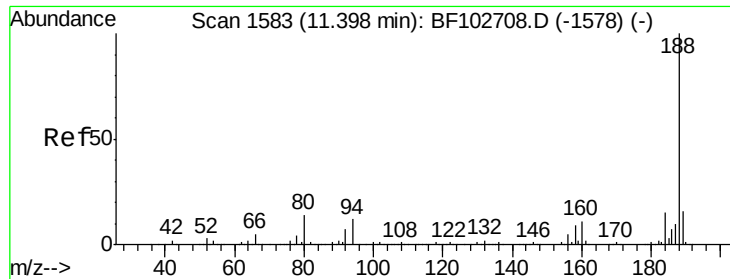
#56
2,4-Dinitrotoluene
Concen: 9.195 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103056.D
Acq: 16 Feb 2018 17:00

Tgt Ion:165 Resp: 37761
Ion Ratio Lower Upper
165 100
63 1.6 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

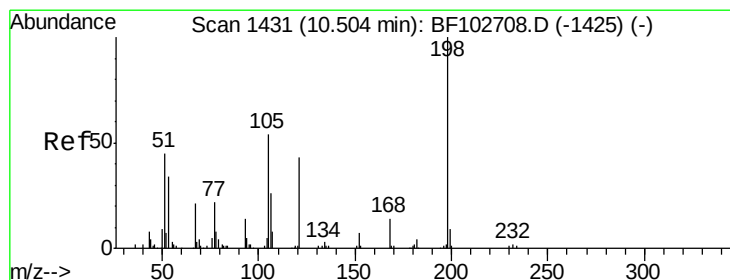
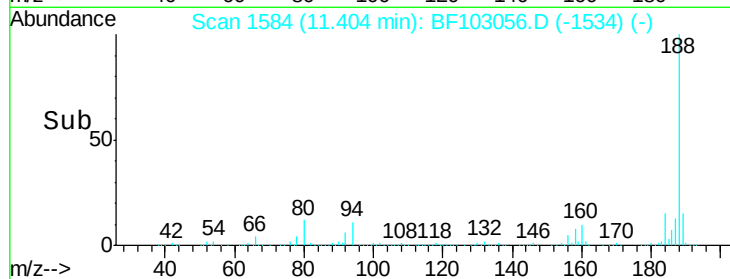
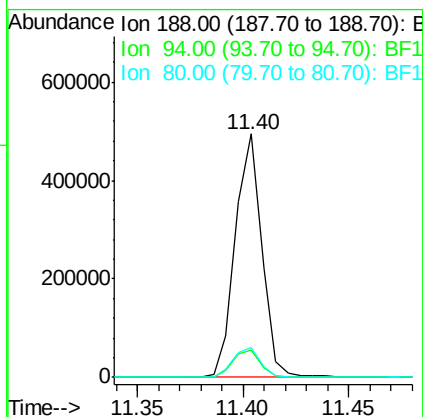
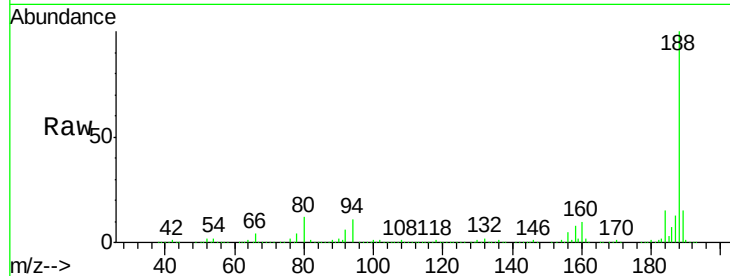




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF103056.D
 Acq: 16 Feb 2018 17:00

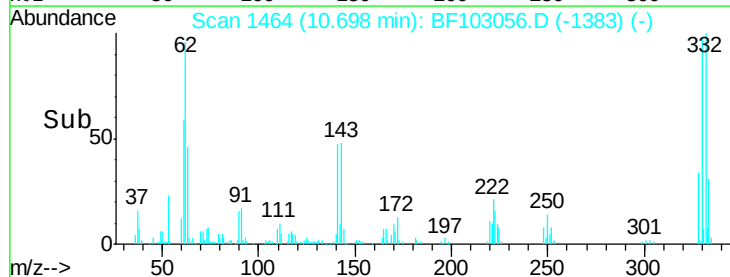
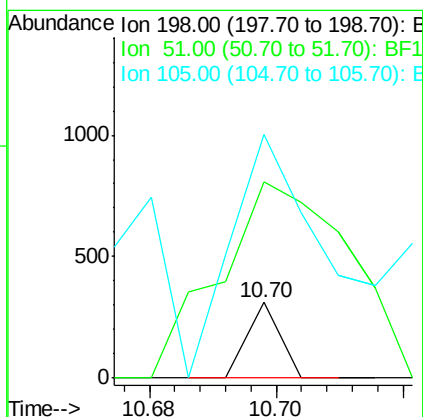
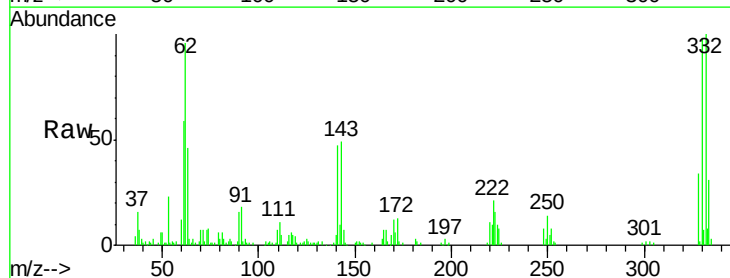
Instrument :
 BNA_F
 ClientSampleId :
 SA-06-021518-A

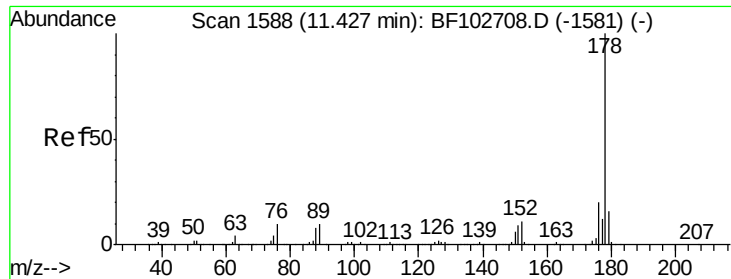
Tgt Ion:188 Resp: 429789
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.5 12.7
 80 12.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.848 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.18 min
 Lab File: BF103056.D
 Acq: 16 Feb 2018 17:00

Tgt Ion:198 Resp: 109
 Ion Ratio Lower Upper
 198 100
 51 261.3 37.7 77.7#
 105 323.2 36.3 76.3#





#70

Phenanthrene

Concen: 3.026 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF103056.D

Acq: 16 Feb 2018 17:00

Instrument :

BNA_F

ClientSampleId :

SA-06-021518-A

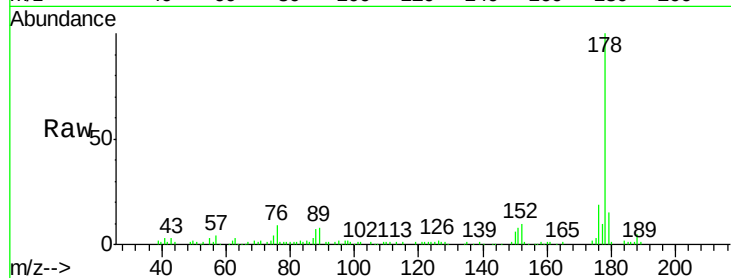
Tgt Ion:178 Resp: 72439

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

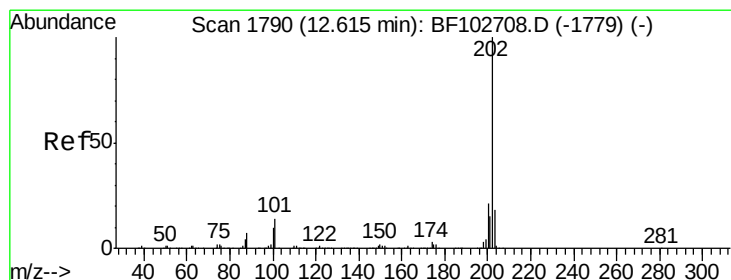
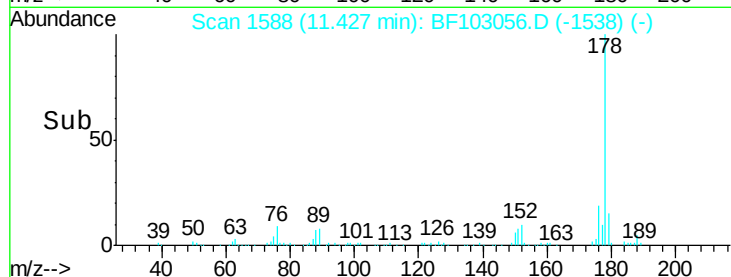
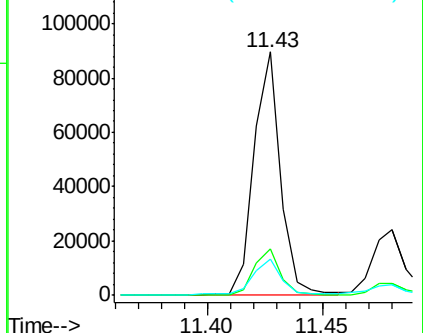
179 15.0 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.496 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF103056.D

Acq: 16 Feb 2018 17:00

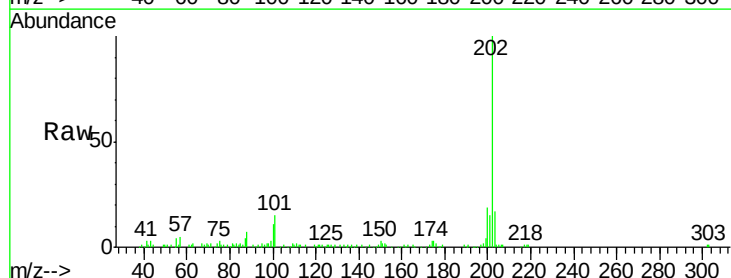
Tgt Ion:202 Resp: 84191

Ion Ratio Lower Upper

202 100

101 15.3 0.0 34.1

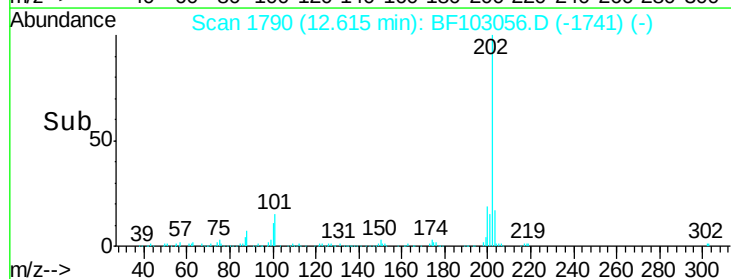
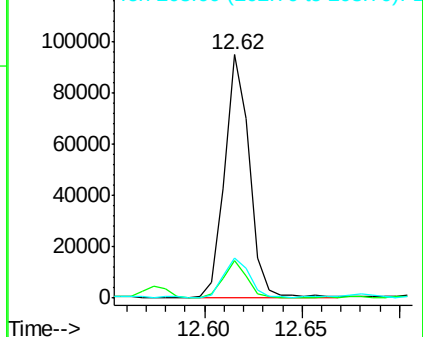
203 16.6 0.0 38.1

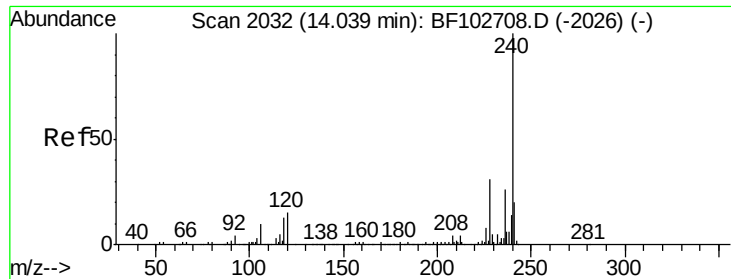


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103056.D

Acq: 16 Feb 2018 17:00

Instrument :

BNA_F

ClientSampleId :

SA-06-021518-A

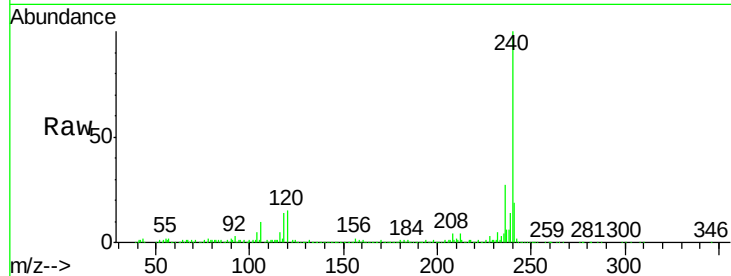
Tgt Ion:240 Resp: 325186

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

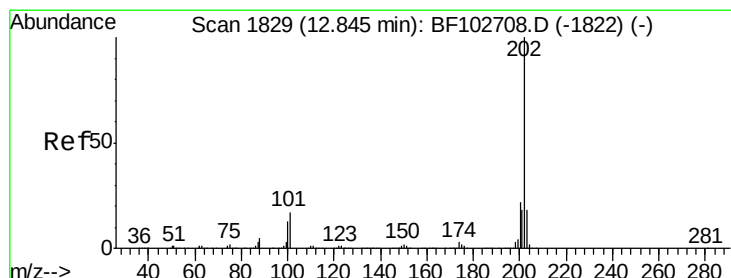
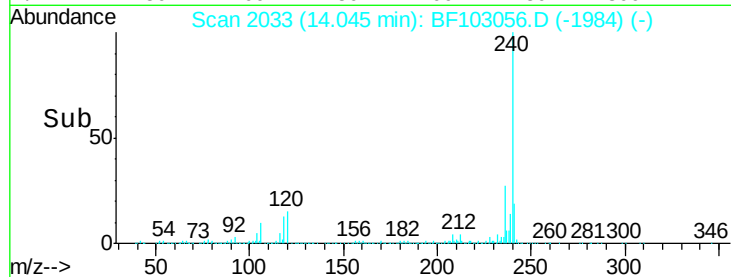
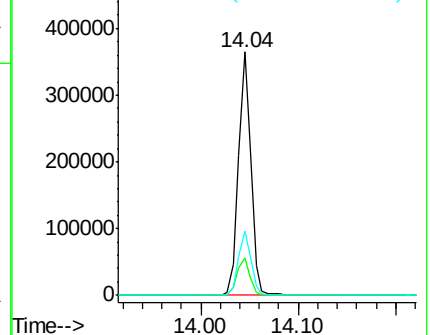
236 26.6 20.7 31.1



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



#77

Pyrene

Concen: 3.108 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF103056.D

Acq: 16 Feb 2018 17:00

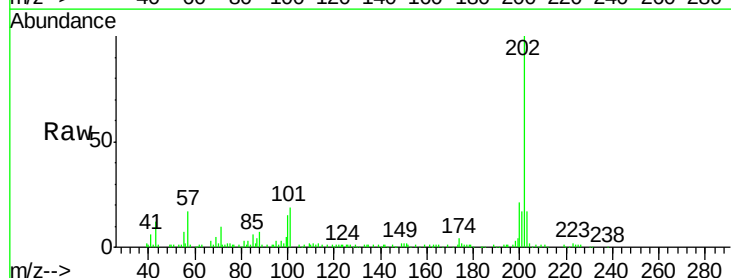
Tgt Ion:202 Resp: 79247

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

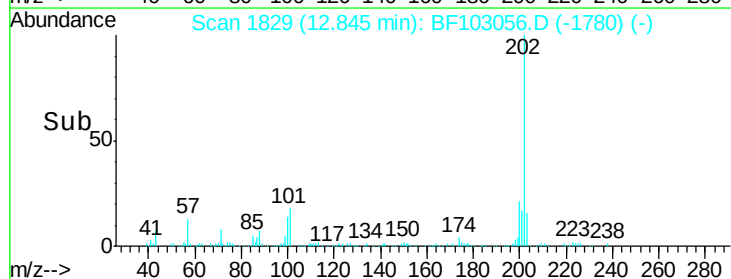
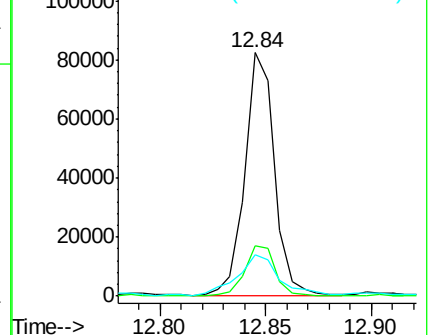
203 17.2 14.3 21.5

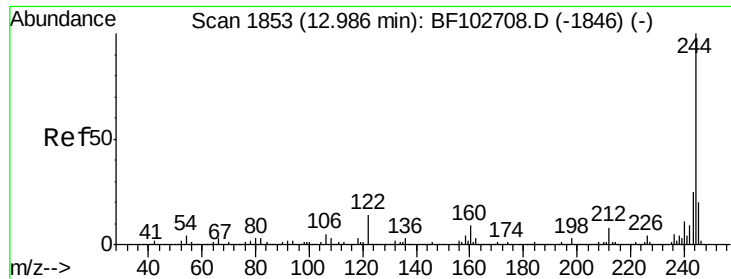


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

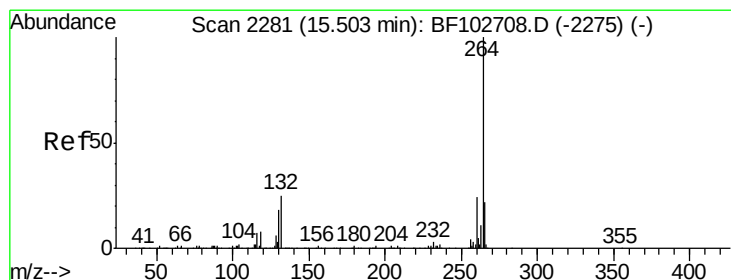
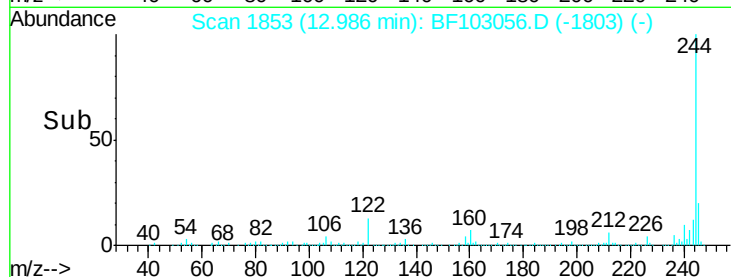
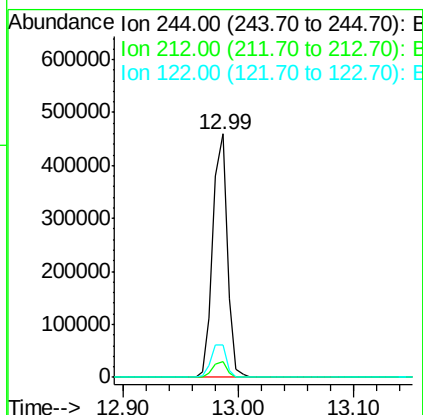
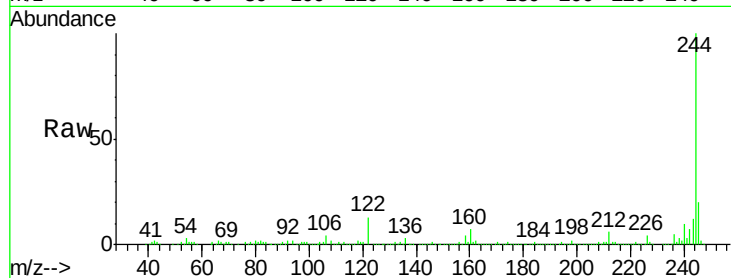




#78
 Terphenyl-d14
 Concen: 29.267 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF103056.D
 Acq: 16 Feb 2018 17:00

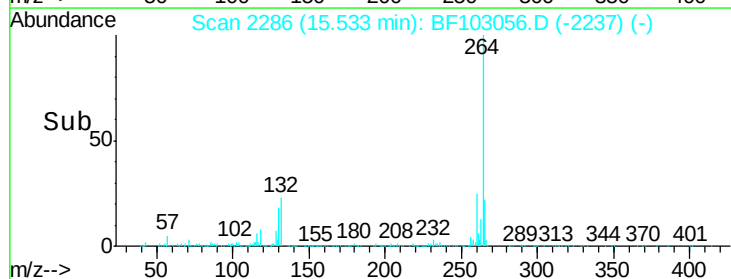
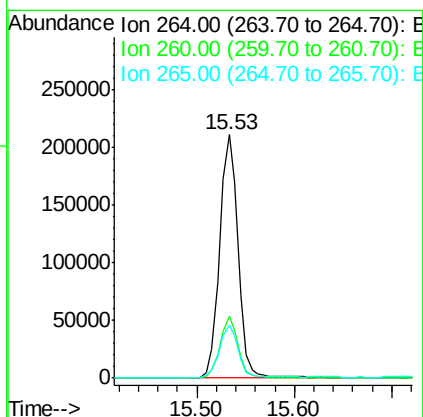
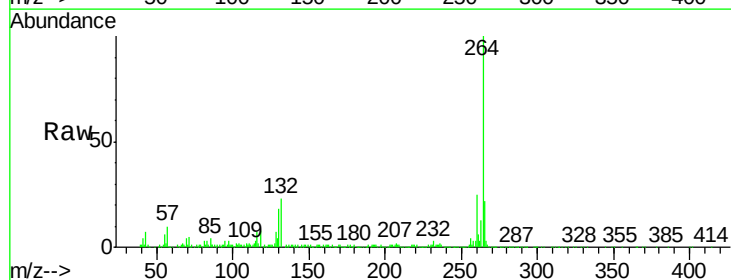
Instrument :
 BNA_F
 ClientSampleId :
 SA-06-021518-A

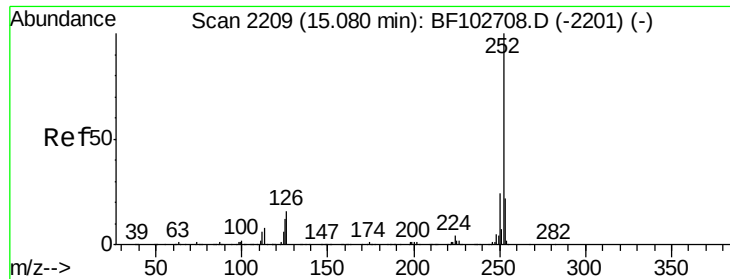
Tgt Ion:244 Resp: 401945
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 13.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. -0.01 min
 Lab File: BF103056.D
 Acq: 16 Feb 2018 17:00

Tgt Ion:264 Resp: 277723
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.2 28.8
 265 21.9 17.5 26.3

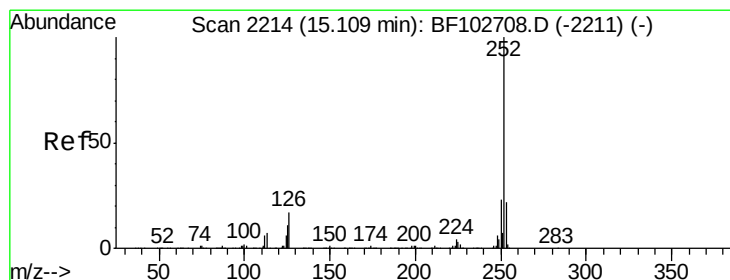
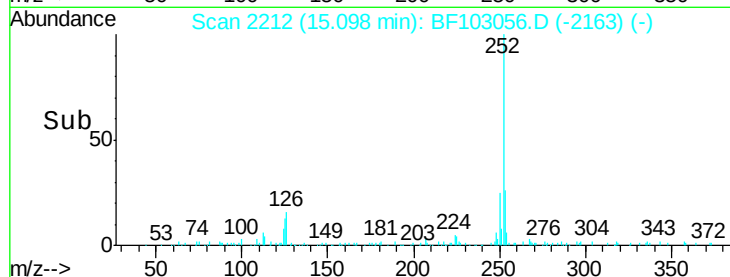
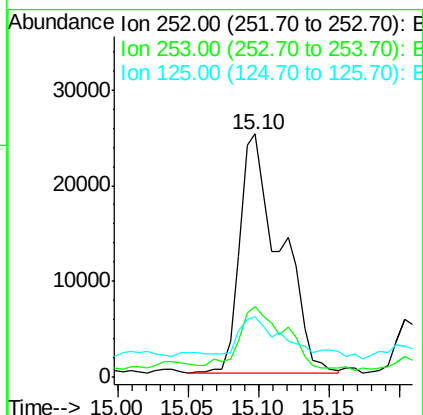
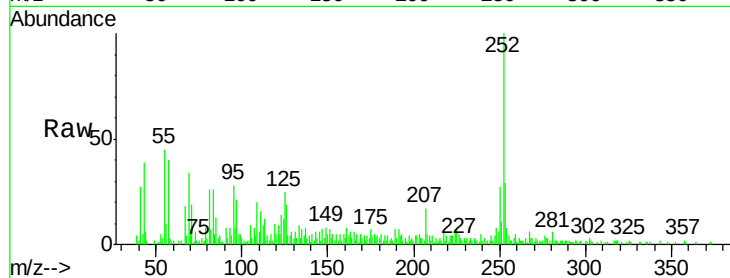




#87
Benzo(b)fluoranthene
Concen: 2.785 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103056.D
Acq: 16 Feb 2018 17:00

Instrument :
BNA_F
ClientSampleId :
SA-06-021518-A

Tgt Ion:252 Resp: 50151
Ion Ratio Lower Upper
252 100
253 29.3 17.0 25.6#
125 24.9 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 2.915 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF103056.D
Acq: 16 Feb 2018 17:00

Tgt Ion:252 Resp: 50151
Ion Ratio Lower Upper
252 100
253 29.3 17.9 26.9#
125 24.9 10.2 15.2#

