

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
 Data File : BF077258.D
 Acq On : 11 Feb 2015 17:33
 Operator : TP/IZ
 Sample : G1258-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Feb 12 00:06:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

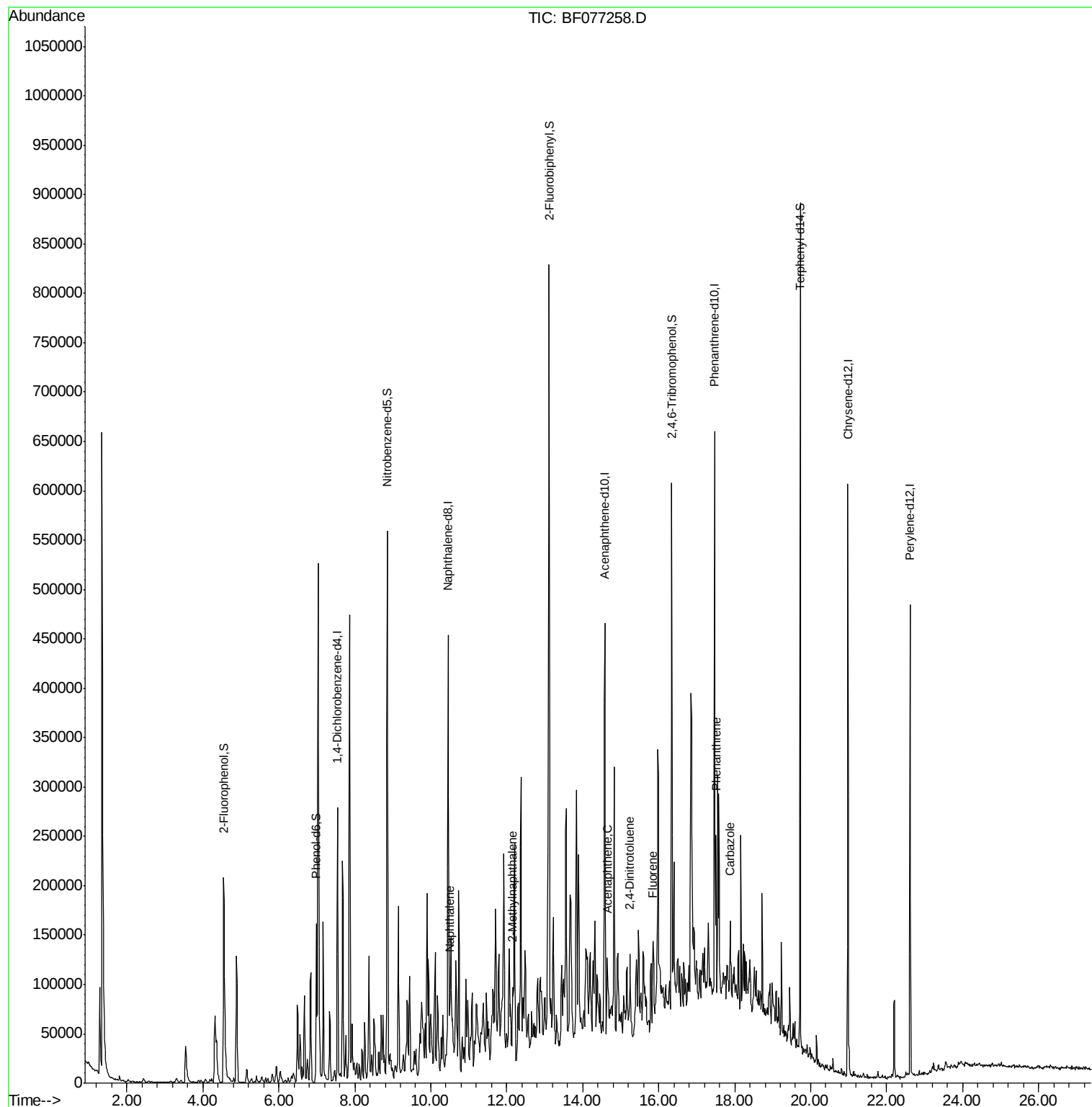
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	74157	20.00	ng	-0.06
21) Naphthalene-d8	10.45	136	310479	20.00	ng	-0.05
38) Acenaphthene-d10	14.58	164	149853	20.00	ng	-0.05
63) Phenanthrene-d10	17.47	188	242966	20.00	ng	-0.03
75) Chrysene-d12	20.98	240	224828	20.00	ng	-0.03
86) Perylene-d12	22.61	264	202011	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.54	112	141868	31.45	ng	-0.05
7) Phenol-d6	6.98	99	127253	22.37	ng	-0.03
23) Nitrobenzene-d5	8.85	82	217395	38.79	ng	-0.05
41) 2,4,6-Tribromophenol	16.34	330	74795	61.49	ng	-0.03
44) 2-Fluorobiphenyl	13.12	172	425924	43.25	ng	-0.05
78) Terphenyl-d14	19.72	244	354682	36.32	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	10.50	128	43317	2.71	ng	# 89
37) 2-Methylnaphthalene	12.16	142	28073	2.57	ng	88
51) Acenaphthene	14.65	154	24151	2.76	ng	95
56) 2,4-Dinitrotoluene	15.24	165	2451	2.85	ng	# 73
57) Fluorene	15.85	166	29028	2.69	ng	96
70) Phenanthrene	17.51	178	77579	5.12	ng	98
72) Carbazole	17.88	167	39361	2.75	ng	98

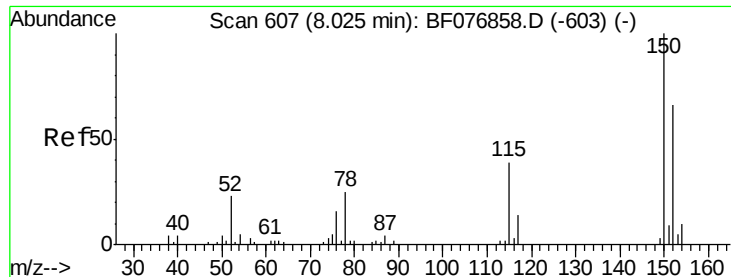
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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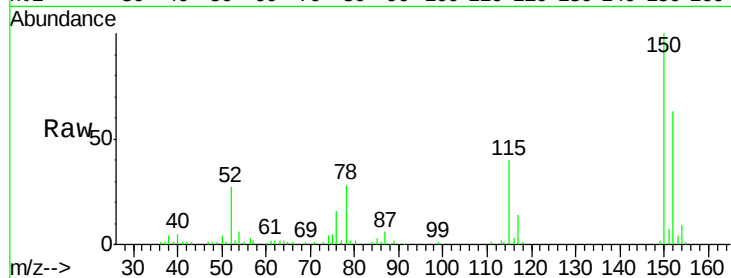


#1

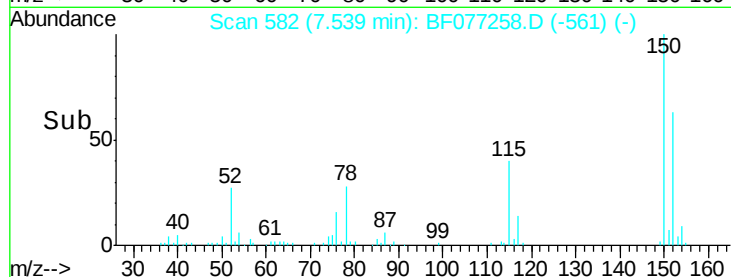
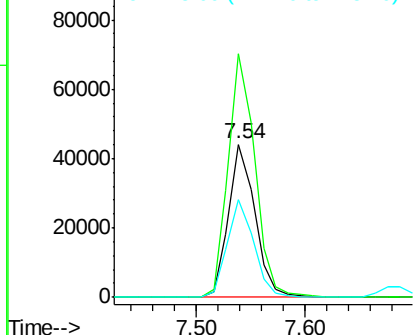
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.06 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 74157
Ion Ratio Lower Upper
152 100
150 159.1 121.7 182.5
115 63.8 47.0 70.6



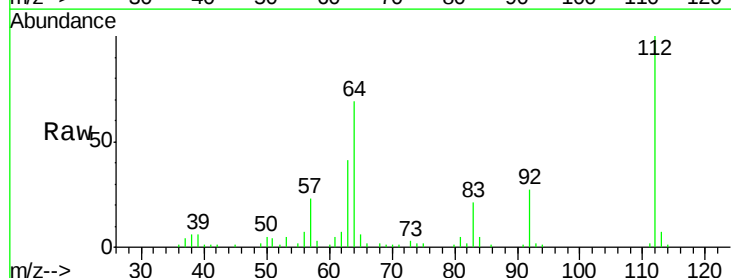
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



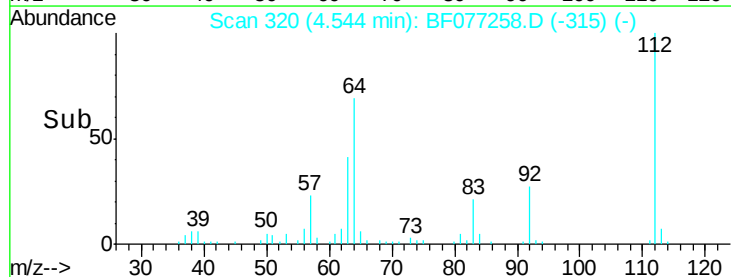
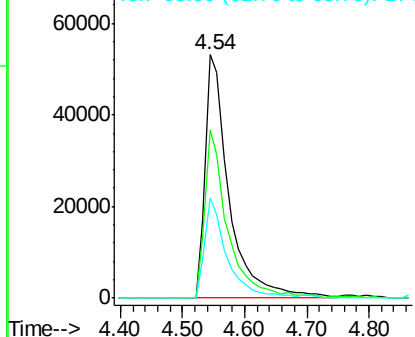
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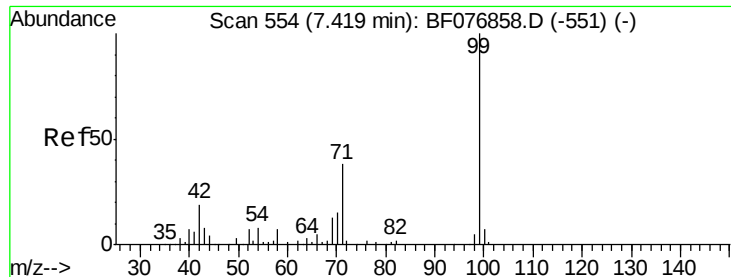
2-Fluorophenol
Concen: 31.45 ng
RT: 4.54 min Scan# 320
Delta R.T. -0.05 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion:112 Resp: 141868
Ion Ratio Lower Upper
112 100
64 68.9 54.2 81.4
63 41.3 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.37 ng

RT: 6.98 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF077258.D

Acq: 11 Feb 2015 17:33

Instrument :

BNA_F

ClientSampleId :

MW-1

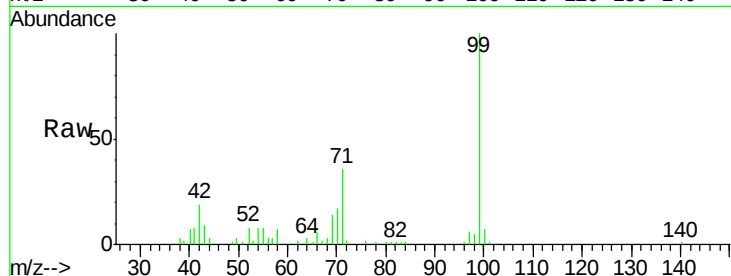
Tgt Ion: 99 Resp: 127253

Ion Ratio Lower Upper

99 100

42 18.7 15.0 22.4

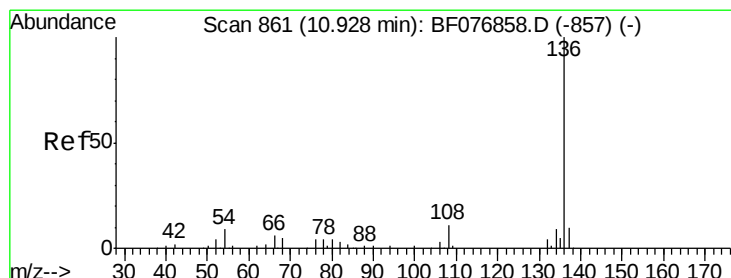
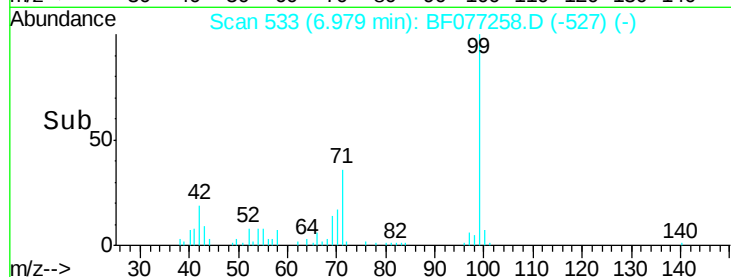
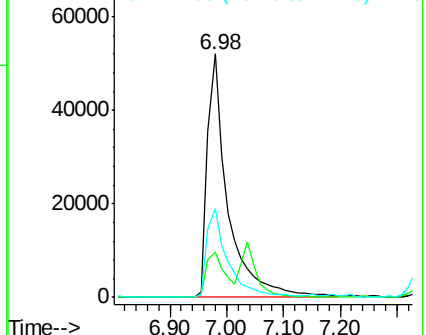
71 36.2 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.45 min Scan# 837

Delta R.T. -0.05 min

Lab File: BF077258.D

Acq: 11 Feb 2015 17:33

Tgt Ion: 136 Resp: 310479

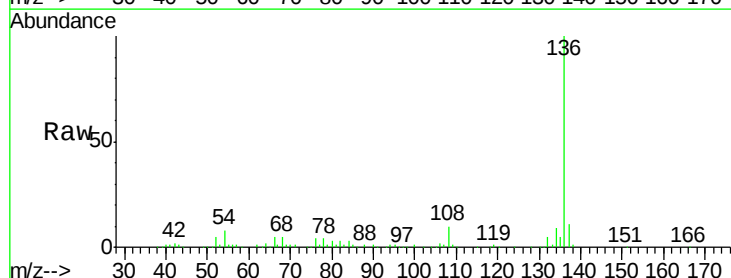
Ion Ratio Lower Upper

136 100

137 10.9 8.1 12.1

54 8.4 7.0 10.4

68 5.0 3.7 5.5

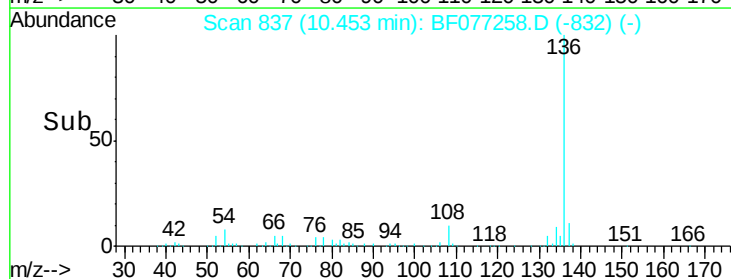
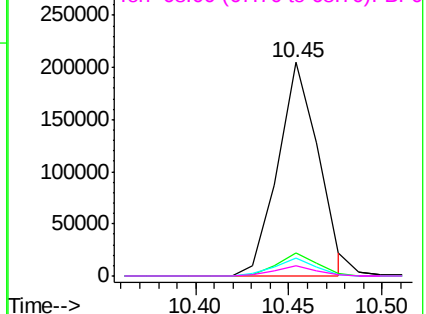


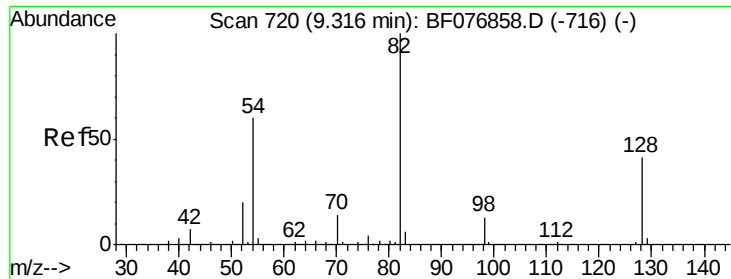
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

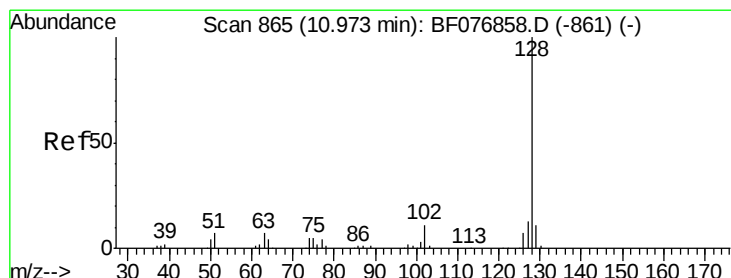
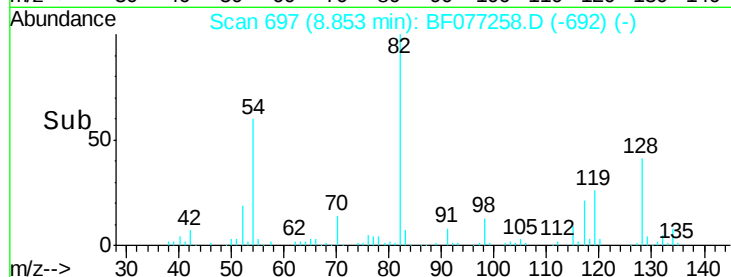
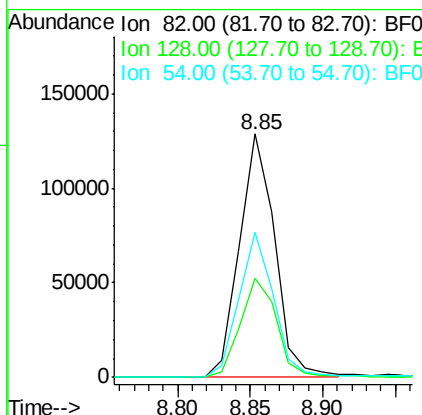
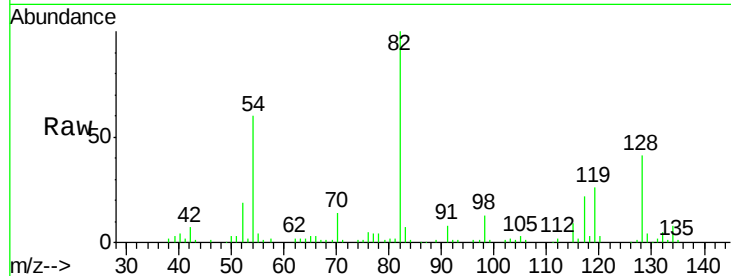




#23
 Nitrobenzene-d5
 Concen: 38.79 ng
 RT: 8.85 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF077258.D
 Acq: 11 Feb 2015 17:33

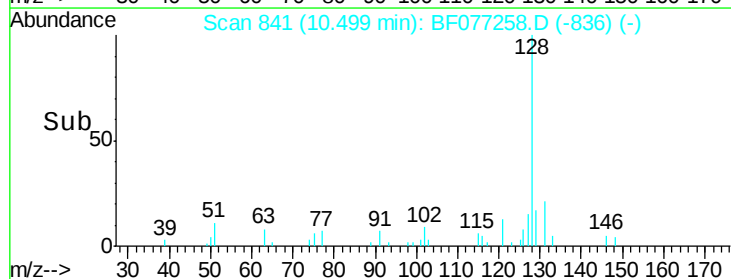
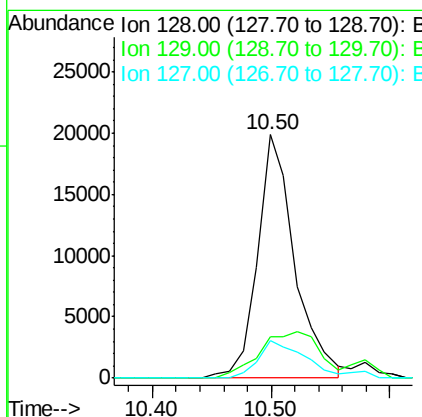
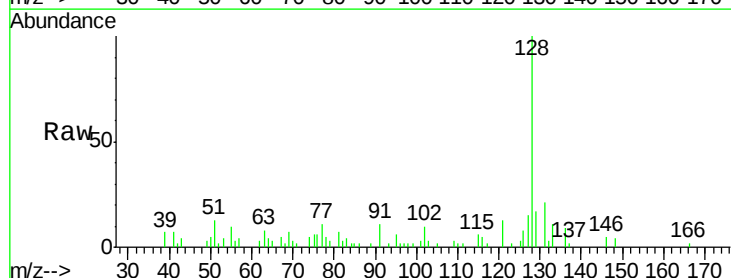
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

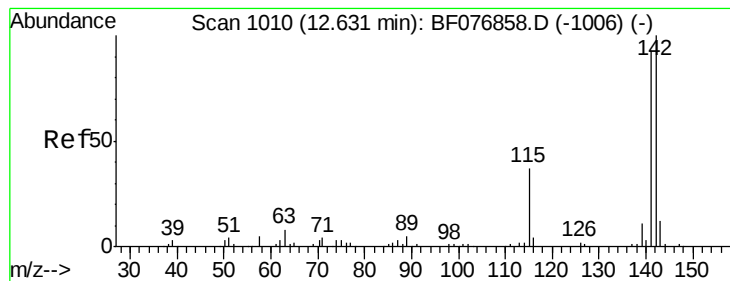
Tgt Ion: 82 Resp: 217395
 Ion Ratio Lower Upper
 82 100
 128 40.7 33.1 49.7
 54 59.6 48.3 72.5



#31
 Naphthalene
 Concen: 2.71 ng
 RT: 10.50 min Scan# 841
 Delta R.T. -0.05 min
 Lab File: BF077258.D
 Acq: 11 Feb 2015 17:33

Tgt Ion: 128 Resp: 43317
 Ion Ratio Lower Upper
 128 100
 129 17.2 9.0 13.6#
 127 15.5 10.2 15.2#





#37

2-Methylnaphthalene

Concen: 2.57 ng

RT: 12.16 min Scan# 986

Delta R.T. -0.05 min

Lab File: BF077258.D

Acq: 11 Feb 2015 17:33

Instrument :

BNA_F

ClientSampleId :

MW-1

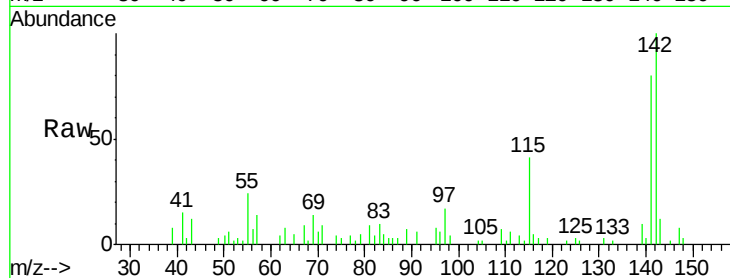
Tgt Ion:142 Resp: 28073

Ion Ratio Lower Upper

142 100

141 79.6 74.5 111.7

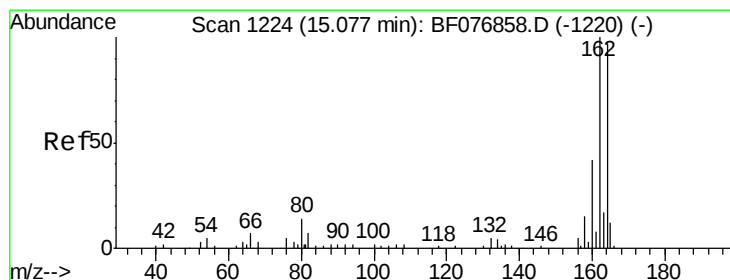
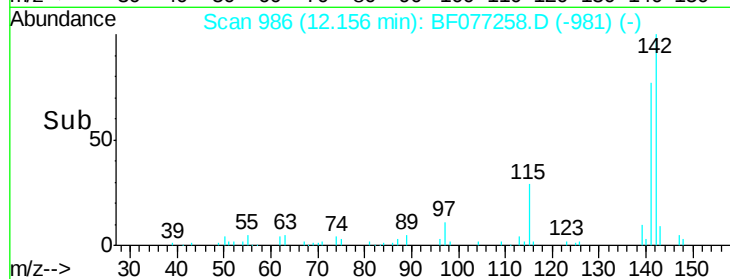
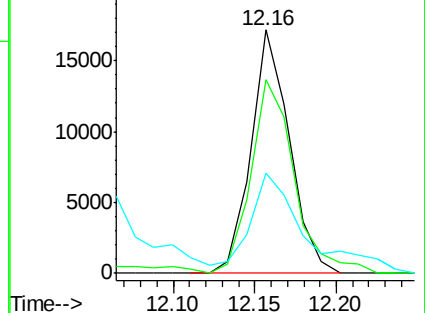
115 41.3 29.7 44.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.58 min Scan# 1198

Delta R.T. -0.05 min

Lab File: BF077258.D

Acq: 11 Feb 2015 17:33

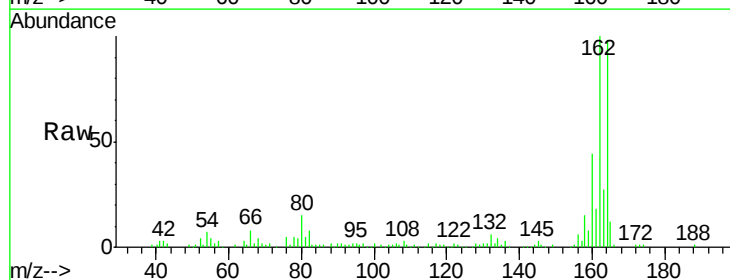
Tgt Ion:164 Resp: 149853

Ion Ratio Lower Upper

164 100

162 101.7 82.4 123.6

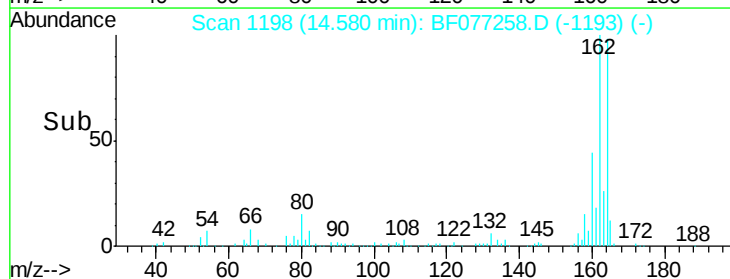
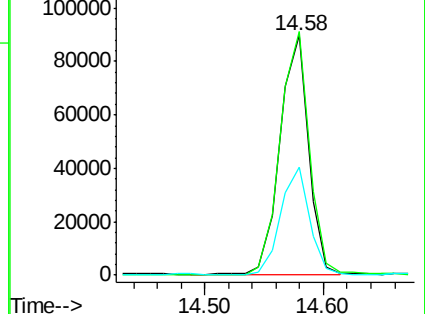
160 44.9 34.8 52.2

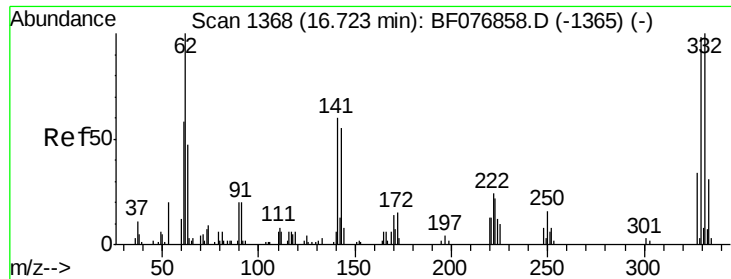


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

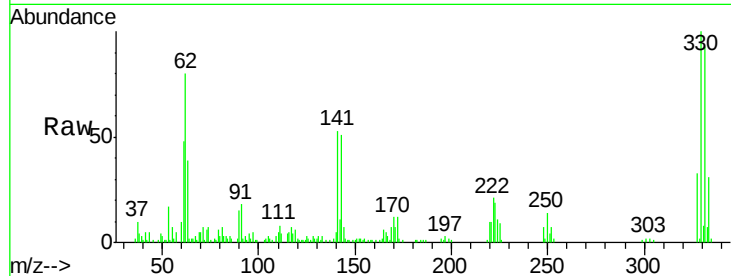




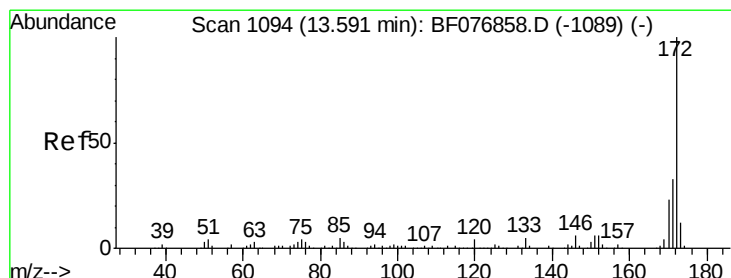
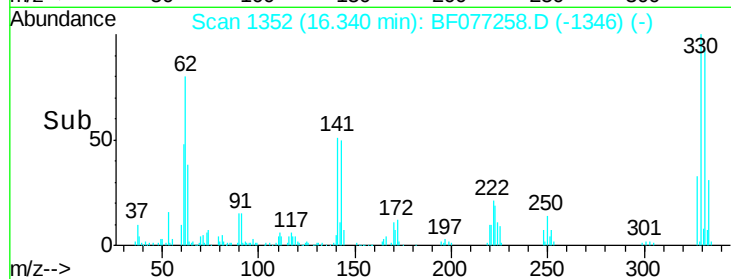
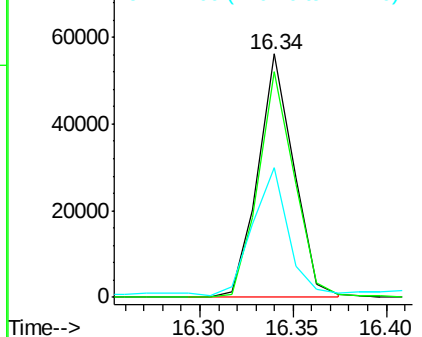
#41
 2,4,6-Tribromophenol
 Concen: 61.49 ng
 RT: 16.34 min Scan# 1352
 Delta R.T. -0.03 min
 Lab File: BF077258.D
 Acq: 11 Feb 2015 17:33

Instrument :
 BNA_F
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 MW-1

Tgt Ion: 330 Resp: 74795
 Ion Ratio Lower Upper
 330 100
 332 93.2 77.8 116.6
 141 51.4 38.5 57.7

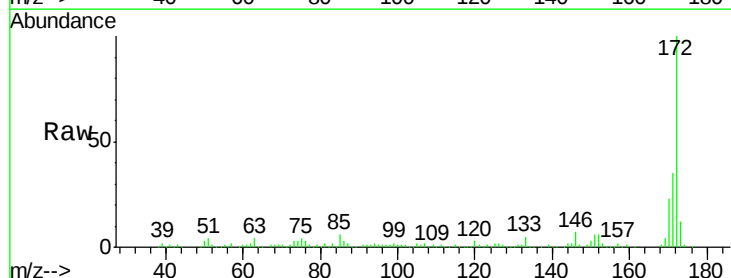


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

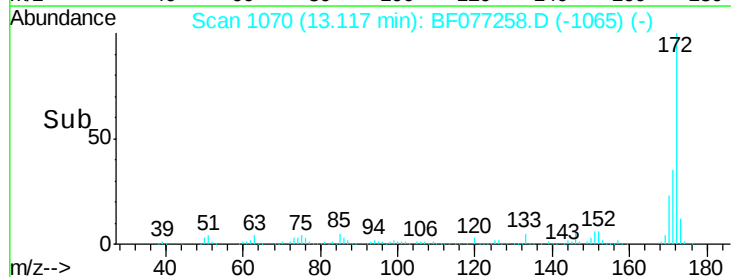
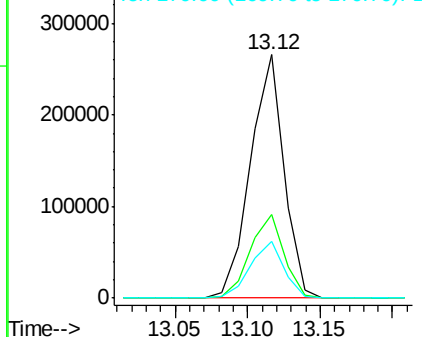


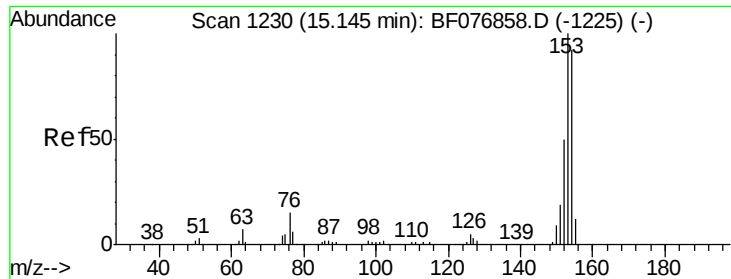
#44
 2-Fluorobiphenyl
 Concen: 43.25 ng
 RT: 13.12 min Scan# 1070
 Delta R.T. -0.05 min
 Lab File: BF077258.D
 Acq: 11 Feb 2015 17:33

Tgt Ion: 172 Resp: 425924
 Ion Ratio Lower Upper
 172 100
 171 34.6 26.6 40.0
 170 23.2 18.0 27.0



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





#51

Acenaphthene

Concen: 2.76 ng

RT: 14.65 min Scan# 1204

Delta R.T. -0.05 min

Lab File: BF077258.D

Acq: 11 Feb 2015 17:33

Instrument :

BNA_F

ClientSampleId :

MW-1

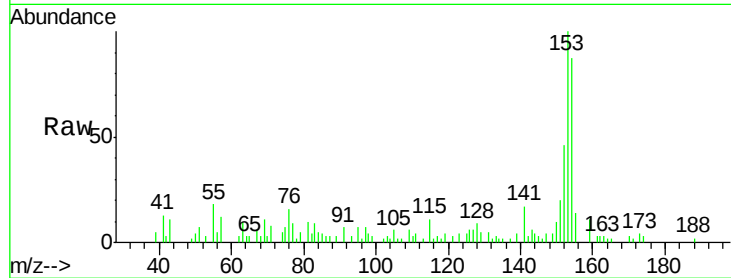
Tgt Ion:154 Resp: 24151

Ion Ratio Lower Upper

154 100

153 114.9 87.0 130.6

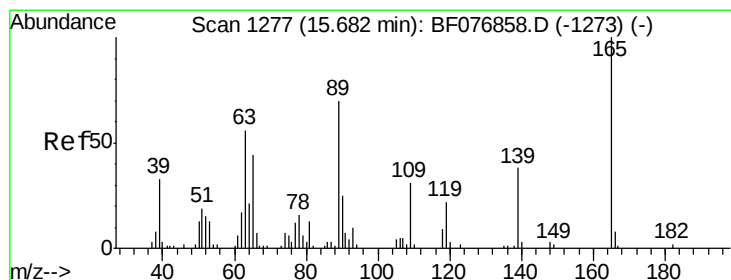
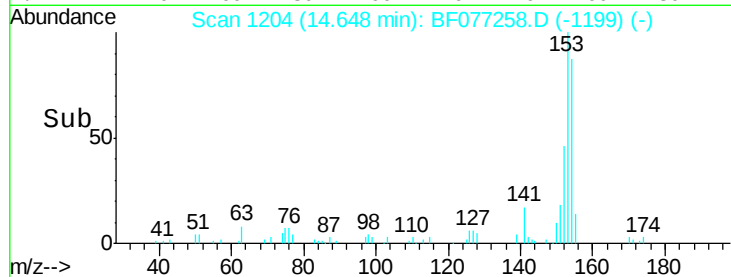
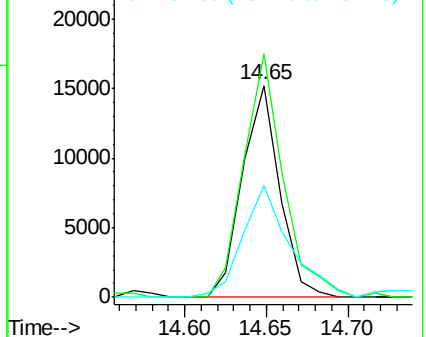
152 52.9 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 2.85 ng

RT: 15.24 min Scan# 1256

Delta R.T. -0.03 min

Lab File: BF077258.D

Acq: 11 Feb 2015 17:33

Tgt Ion:165 Resp: 2451

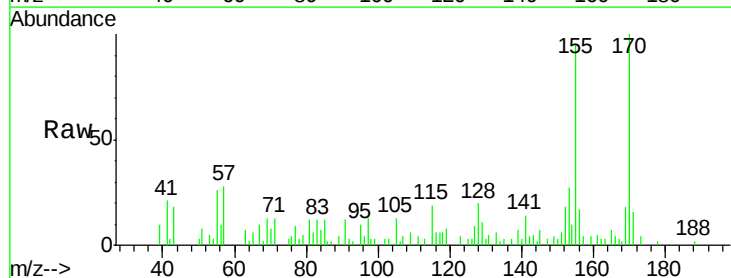
Ion Ratio Lower Upper

165 100

63 97.1 44.8 67.2#

89 66.1 56.2 84.2

182 0.0 1.5 2.3#

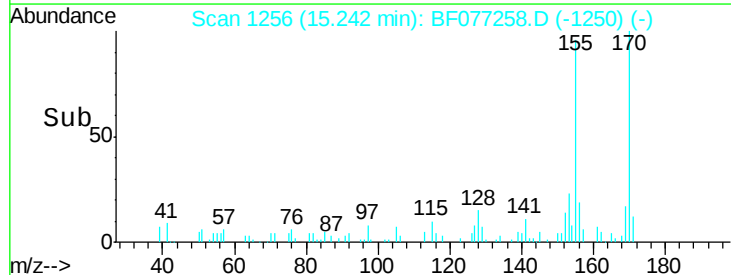
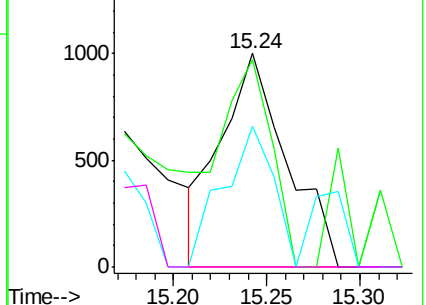


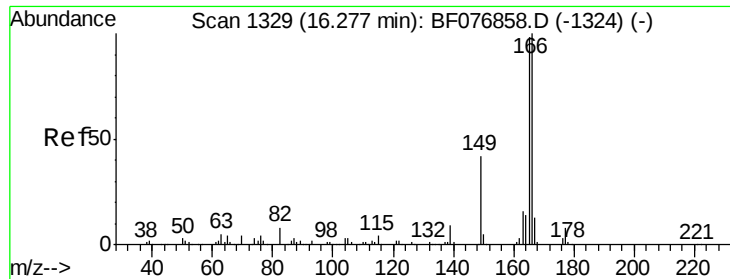
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

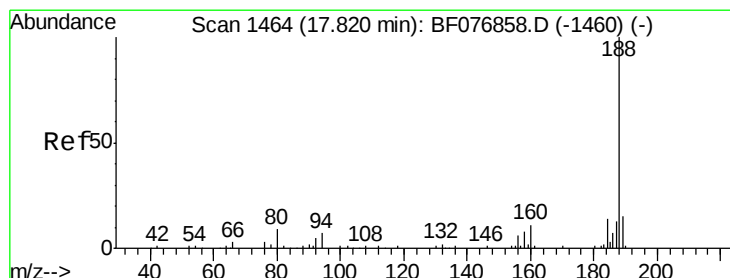
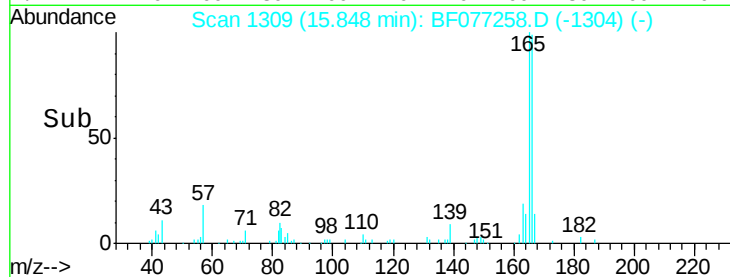
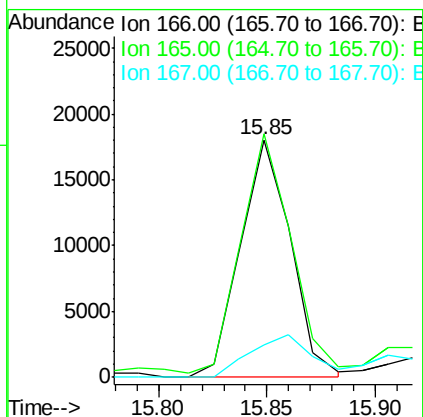
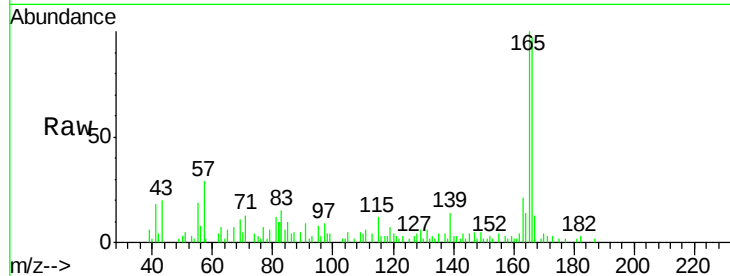




#57
Fluorene
 Concen: 2.69 ng
 RT: 15.85 min Scan# 1309
 Delta R.T. -0.05 min
 Lab File: BF077258.D
 Acq: 11 Feb 2015 17:33

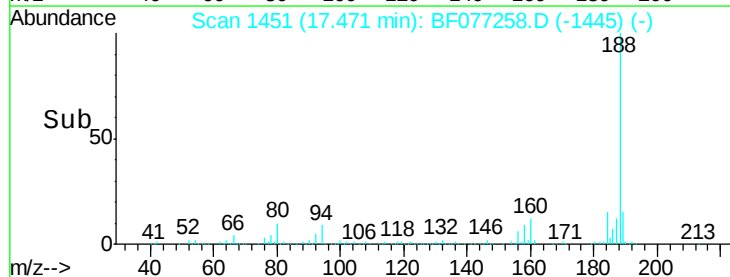
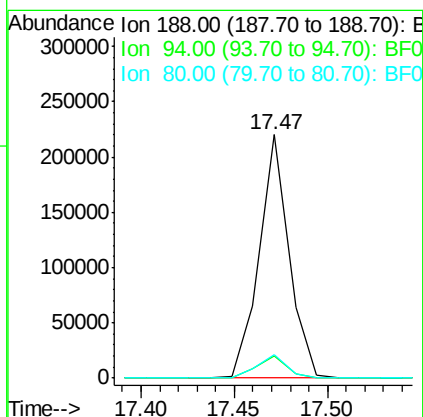
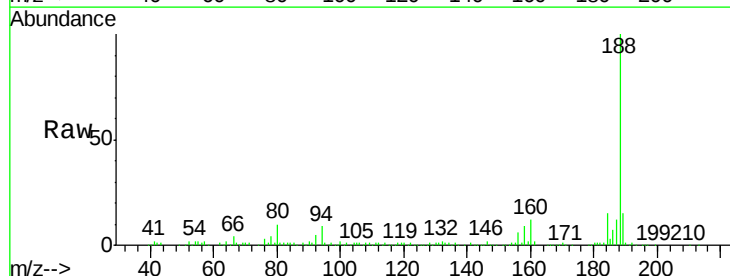
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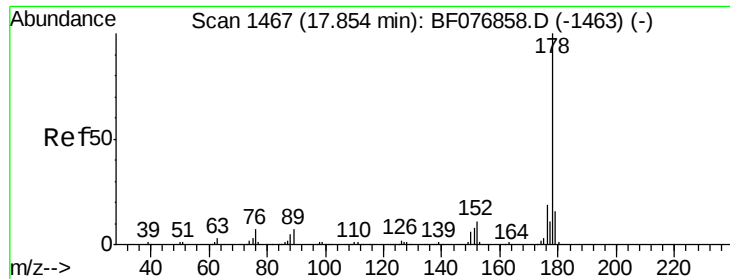
Tgt Ion:166 Resp: 29028
 Ion Ratio Lower Upper
 166 100
 165 102.6 78.5 117.7
 167 13.8 10.4 15.6



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.47 min Scan# 1451
 Delta R.T. -0.03 min
 Lab File: BF077258.D
 Acq: 11 Feb 2015 17:33

Tgt Ion:188 Resp: 242966
 Ion Ratio Lower Upper
 188 100
 94 8.9 6.0 9.0
 80 9.8 6.9 10.3

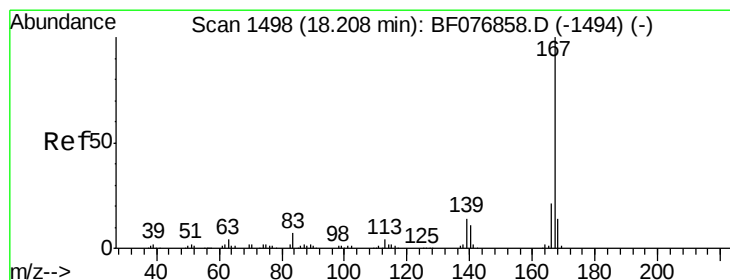
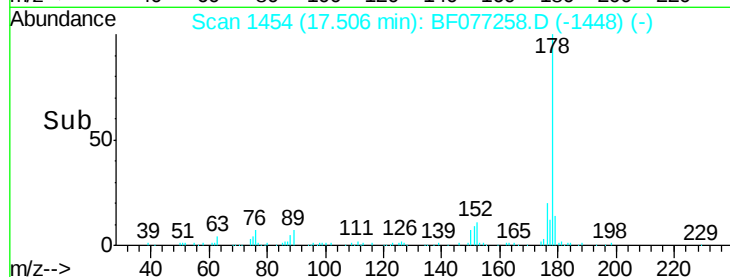
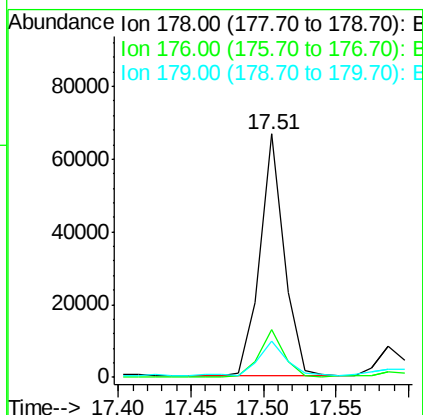
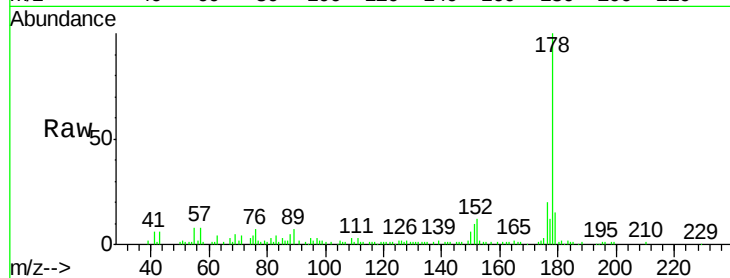




#70
Phenanthrene
Concen: 5.12 ng
RT: 17.51 min Scan# 1454
Delta R.T. -0.03 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

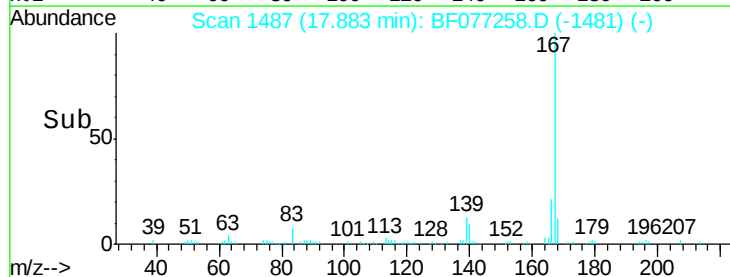
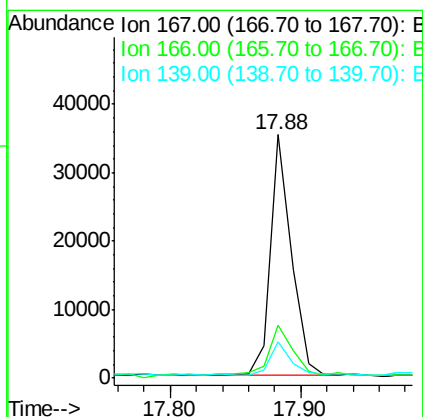
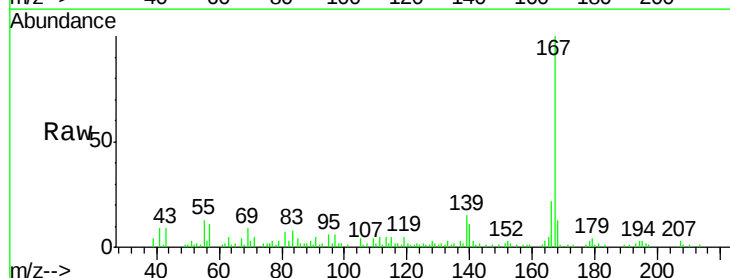
Instrument :
BNA_F
ClientSampleId :
MW-1

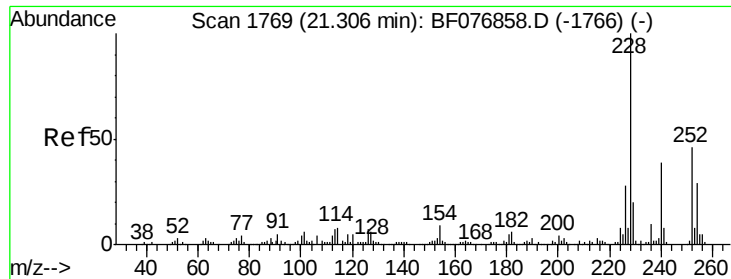
Tgt Ion:178 Resp: 77579
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 14.8 12.7 19.1



#72
Carbazole
Concen: 2.75 ng
RT: 17.88 min Scan# 1487
Delta R.T. -0.03 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Tgt Ion:167 Resp: 39361
Ion Ratio Lower Upper
167 100
166 21.9 17.0 25.6
139 14.8 11.3 16.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.98 min Scan# 1758

Delta R.T. -0.03 min

Lab File: BF077258.D

Acq: 11 Feb 2015 17:33

Instrument :

BNA_F

ClientSampleId :

MW-1

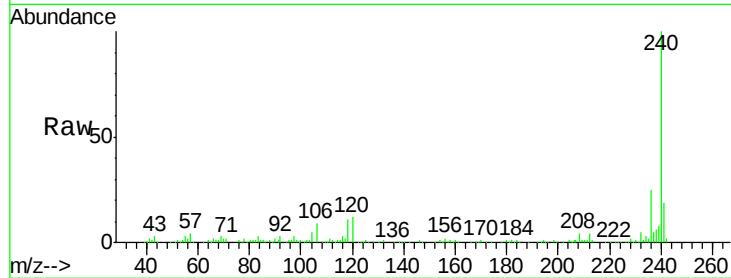
Tgt Ion:240 Resp: 224828

Ion Ratio Lower Upper

240 100

120 12.0 10.4 15.6

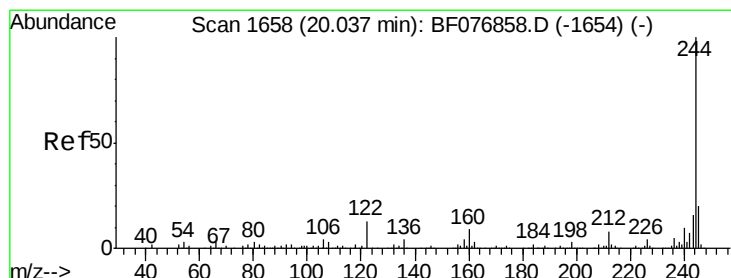
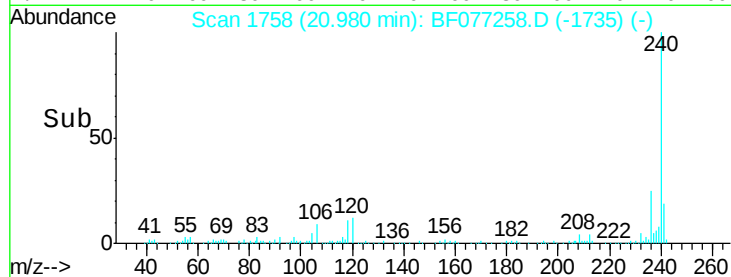
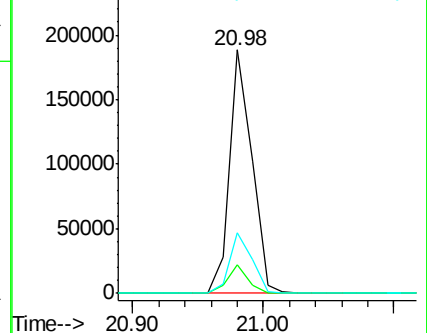
236 25.1 20.2 30.2



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: 36.32 ng

RT: 19.72 min Scan# 1648

Delta R.T. -0.03 min

Lab File: BF077258.D

Acq: 11 Feb 2015 17:33

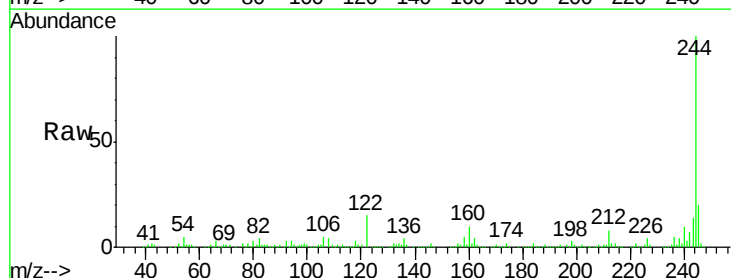
Tgt Ion:244 Resp: 354682

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

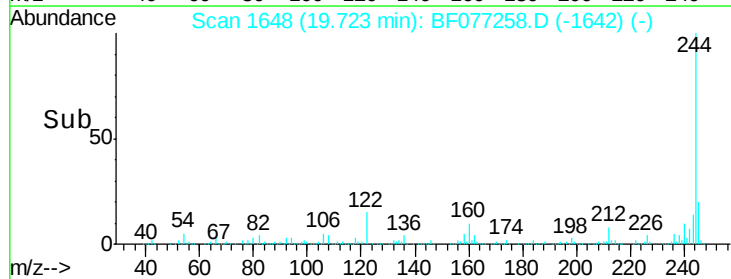
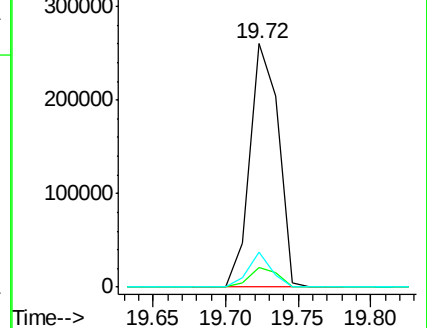
122 14.6 10.1 15.1

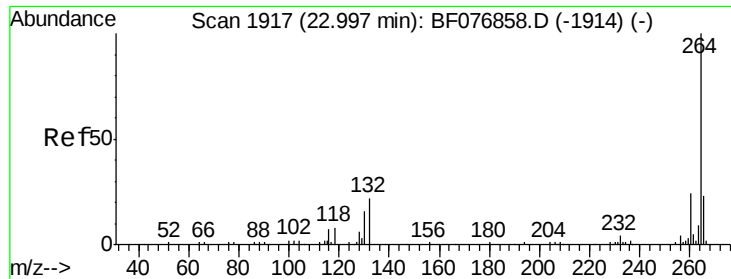


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

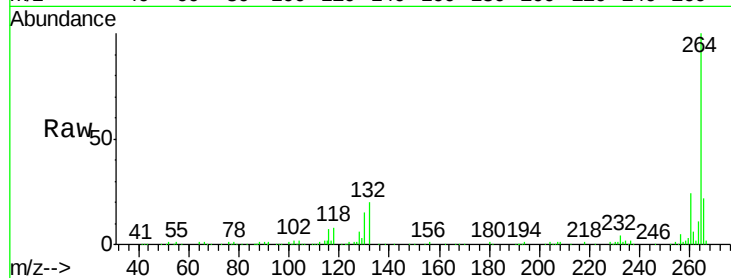




#86
Perylene-d12
Concen: 20.00 ng
RT: 22.61 min Scan# 1901
Delta R.T. -0.05 min
Lab File: BF077258.D
Acq: 11 Feb 2015 17:33

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 264 Resp: 202011
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 21.8 18.1 27.1



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

