

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080320.D
 Acq On : 3 Jul 2015 1:19
 Operator : TP/IZ
 Sample : G2870-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-2(7.5)

Quant Time: Jul 03 05:05:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 03:51:56 2015
 Response via : Initial Calibration

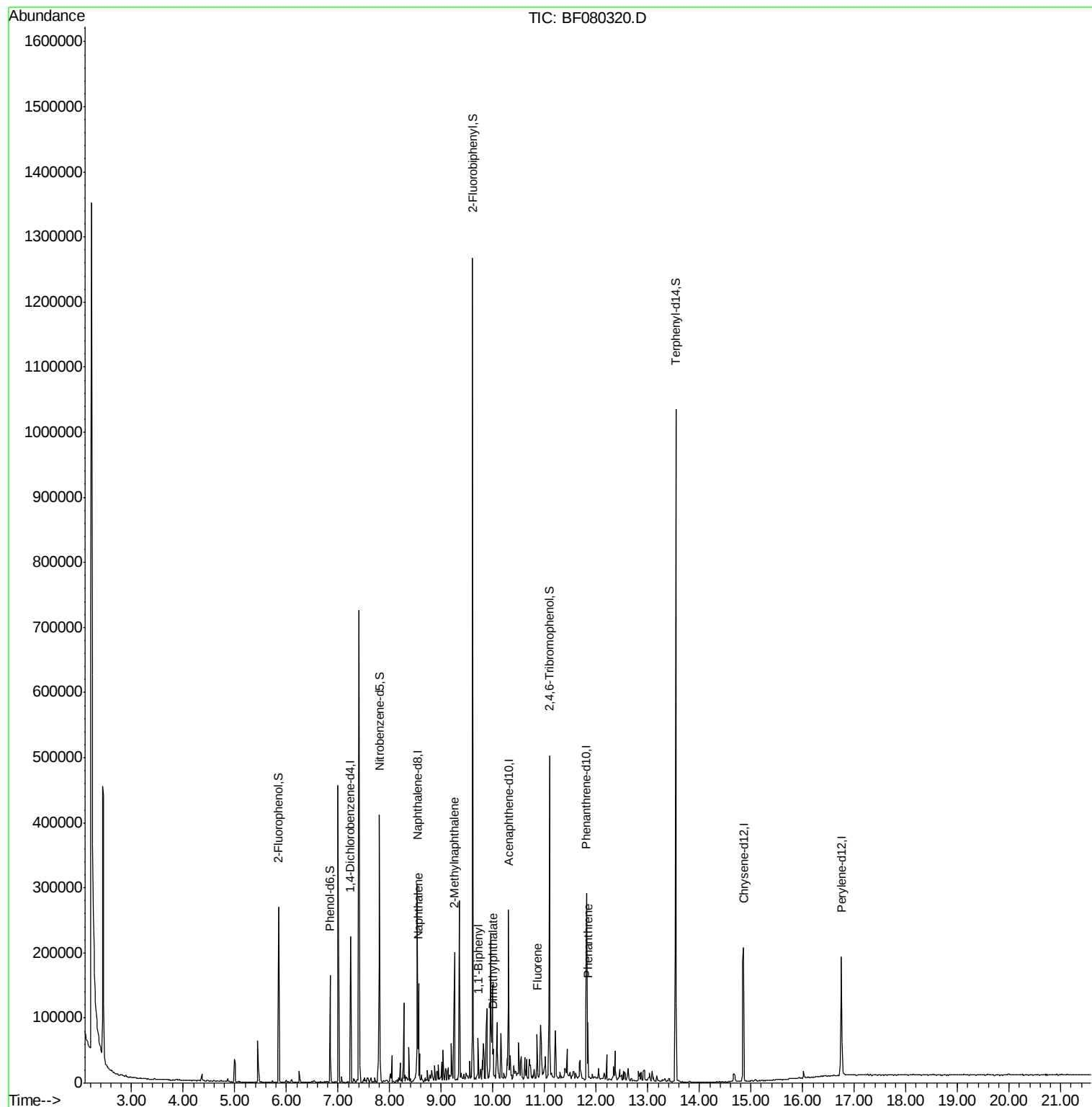
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	29626	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	116108	20.00	ng	0.00
38) Acenaphthene-d10	10.30	164	53456	20.00	ng	0.00
63) Phenanthrene-d10	11.81	188	112226	20.00	ng	0.00
75) Chrysene-d12	14.85	240	116685	20.00	ng	0.00
86) Perylene-d12	16.75	264	109109	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	66769	39.03	ng	0.00
7) Phenol-d6	6.84	99	52016	22.65	ng	0.00
23) Nitrobenzene-d5	7.80	82	141998	67.34	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	50491	99.20	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	327973	88.31	ng	0.00
78) Terphenyl-d14	13.54	244	334383	67.13	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.56	128	54791	9.26	ng	98
37) 2-Methylnaphthalene	9.25	142	66073	16.31	ng	96
45) 1,1'-Biphenyl	9.71	154	17620	3.88	ng	97
49) Dimethylphthalate	10.00	163	9769	2.39	ng	100
57) Fluorene	10.85	166	15176	3.68	ng	# 98
70) Phenanthrene	11.84	178	33672	5.01	ng	99

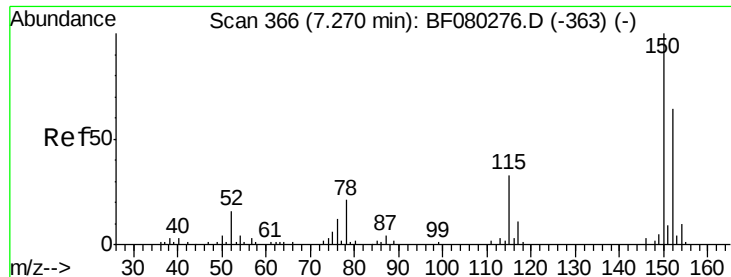
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF080320.D

Acq: 3 Jul 2015 1:19

Instrument :

BNA_F

ClientSampleId :

GP-2(7.5)

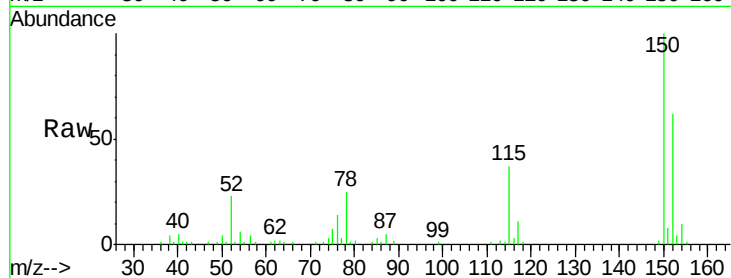
Tgt Ion:152 Resp: 29626

Ion Ratio Lower Upper

152 100

150 160.7 124.7 187.1

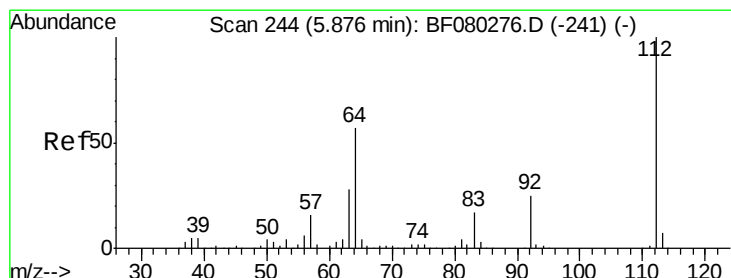
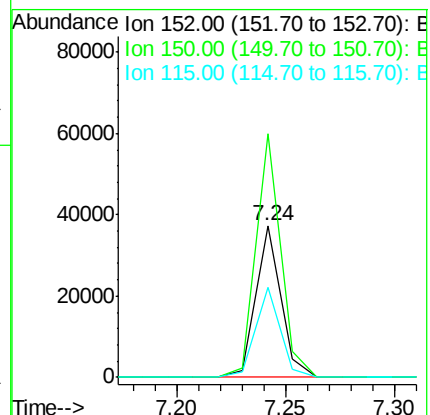
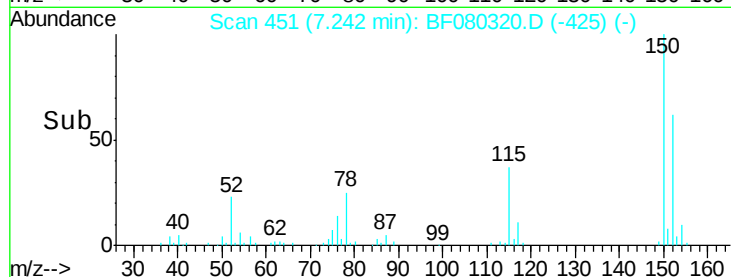
115 59.7 41.0 61.6



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



#5

2-Fluorophenol

Concen: 39.03 ng

RT: 5.85 min Scan# 329

Delta R.T. 0.00 min

Lab File: BF080320.D

Acq: 3 Jul 2015 1:19

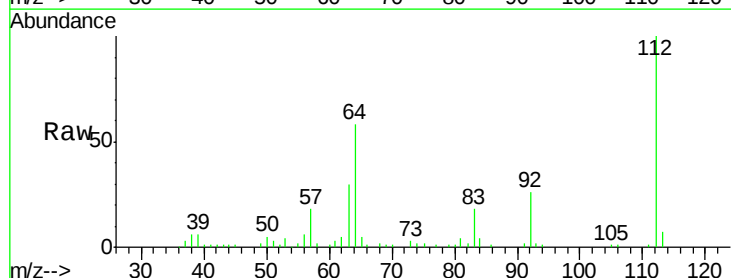
Tgt Ion:112 Resp: 66769

Ion Ratio Lower Upper

112 100

64 57.7 45.5 68.3

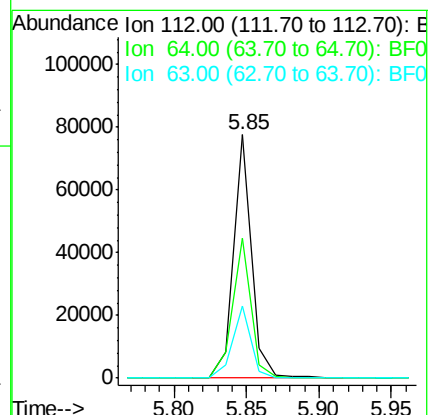
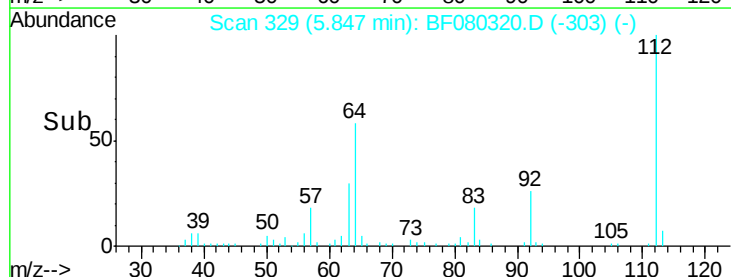
63 29.6 22.4 33.6

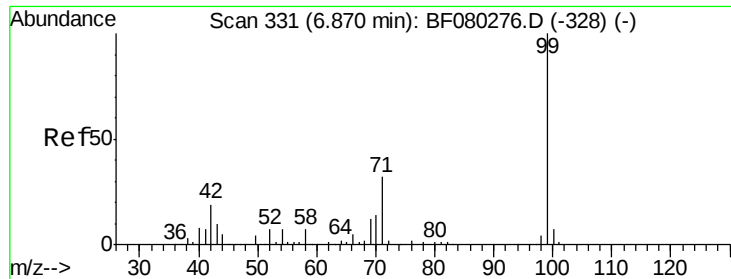


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.65 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF080320.D

Acq: 3 Jul 2015 1:19

Instrument :

BNA_F

ClientSampleId :

GP-2(7.5)

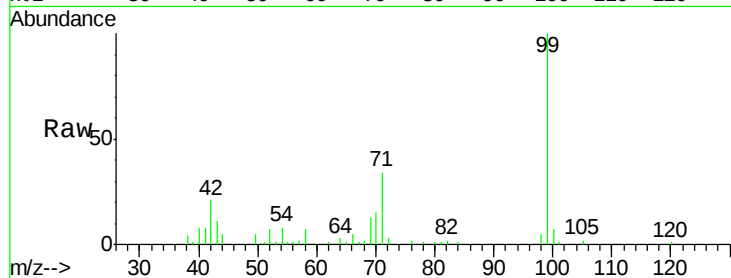
Tgt Ion: 99 Resp: 52016

Ion Ratio Lower Upper

99 100

42 21.4 15.4 23.2

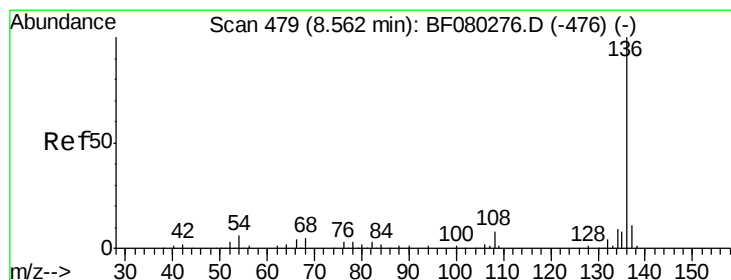
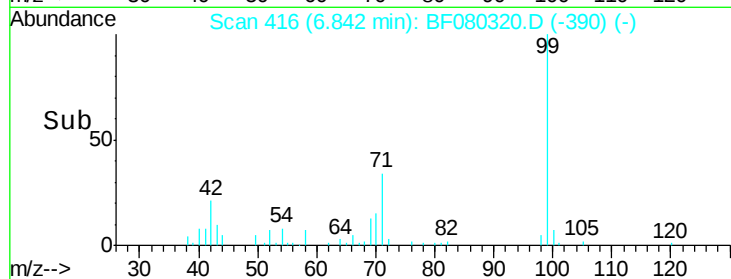
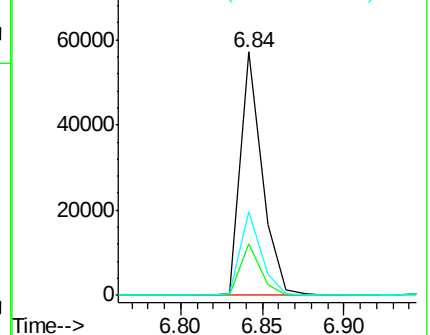
71 34.3 25.8 38.8



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: 8.53 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF080320.D

Acq: 3 Jul 2015 1:19

Tgt Ion: 136 Resp: 116108

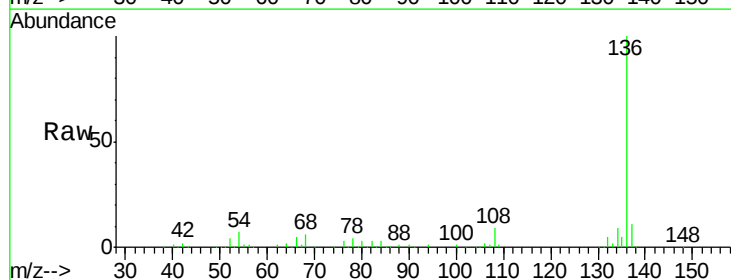
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 7.5 4.9 7.3#

68 5.8 4.0 6.0

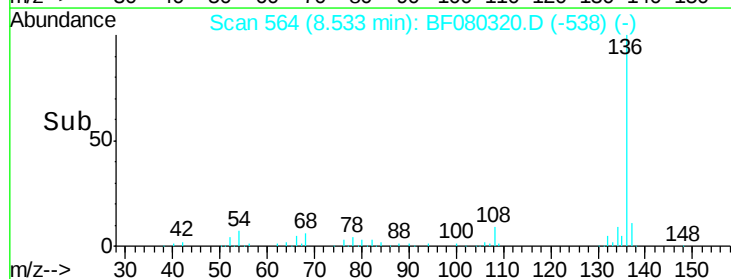
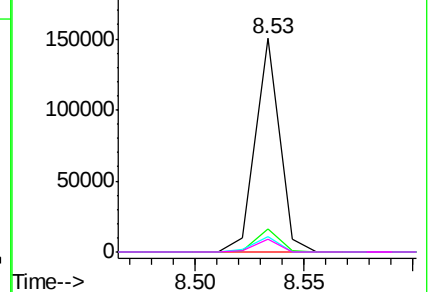


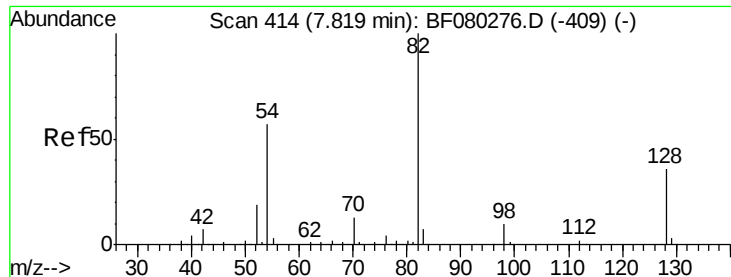
Abundance Ion 136.00 (135.70 to 136.70): E

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

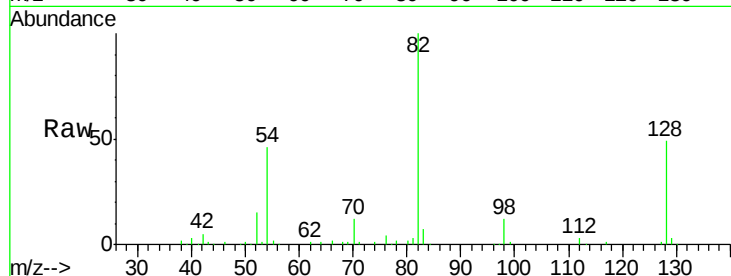




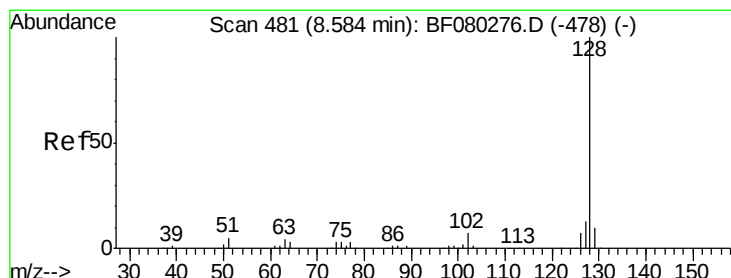
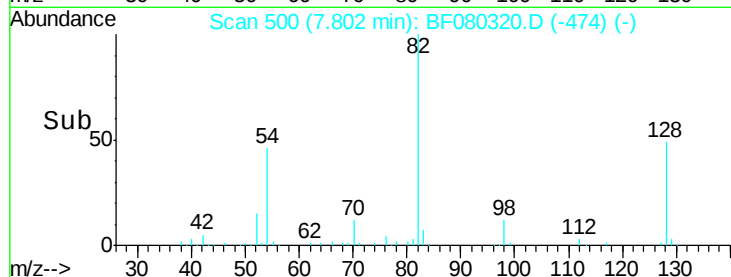
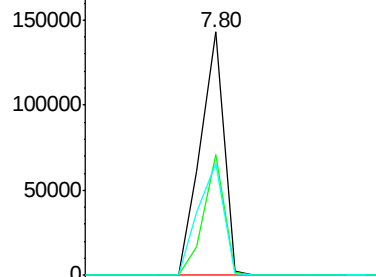
#23
Nitrobenzene-d5
Concen: 67.34 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF080320.D
Acq: 3 Jul 2015 1:19

Instrument :
BNA_F
ClientSampleId :
GP-2(7.5)

Tgt Ion: 82 Resp: 141998
Ion Ratio Lower Upper
82 100
128 49.4 29.0 43.4#
54 45.8 45.3 67.9

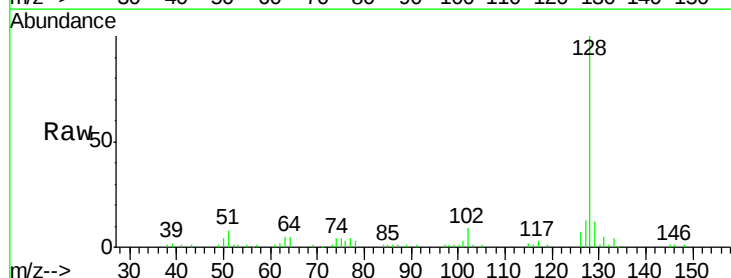


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

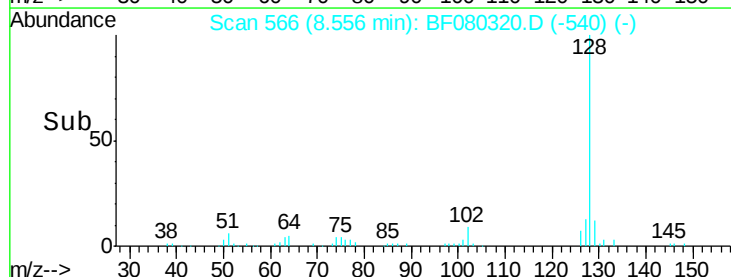
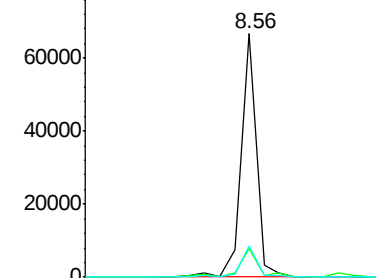


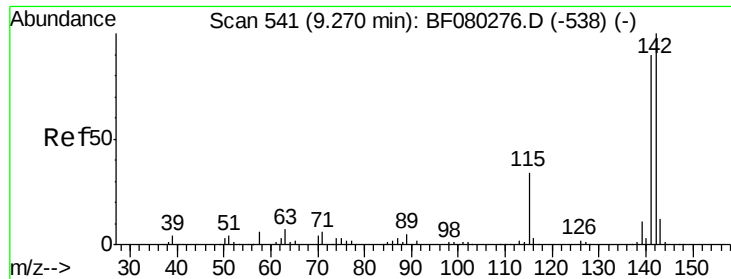
#31
Naphthalene
Concen: 9.26 ng
RT: 8.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF080320.D
Acq: 3 Jul 2015 1:19

Tgt Ion: 128 Resp: 54791
Ion Ratio Lower Upper
128 100
129 11.7 8.2 12.4
127 12.8 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

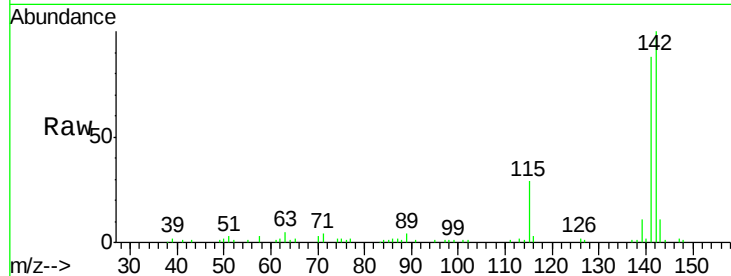




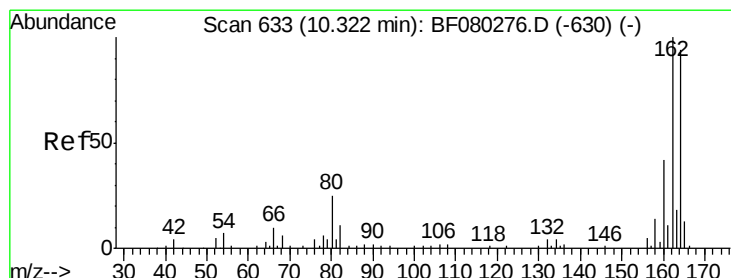
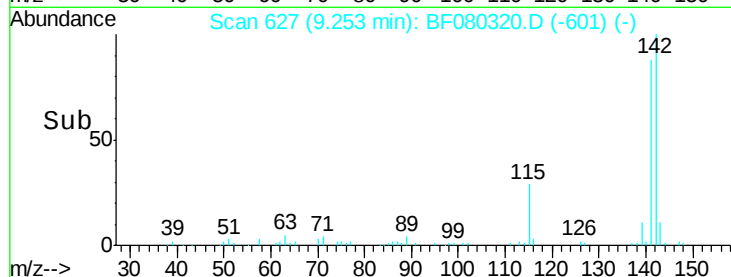
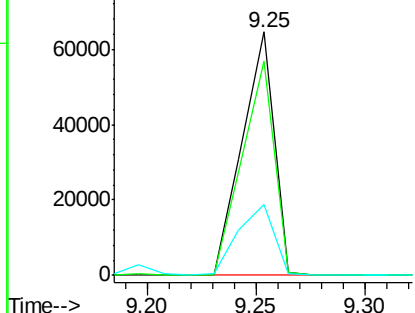
#37
 2-Methylnaphthalene
 Concen: 16.31 ng
 RT: 9.25 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF080320.D
 Acq: 3 Jul 2015 1:19

Instrument :
 BNA_F
 ClientSampleId :
 GP-2(7.5)

Tgt Ion:142 Resp: 66073
 Ion Ratio Lower Upper
 142 100
 141 88.1 71.8 107.6
 115 29.3 27.4 41.2

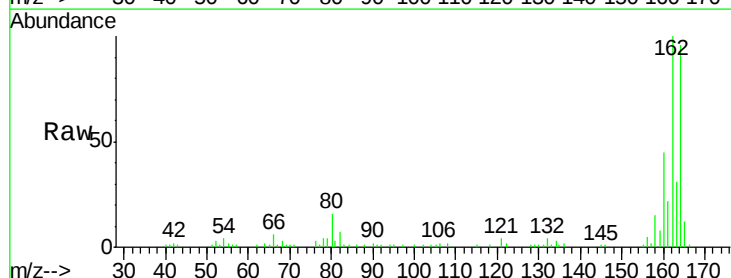


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

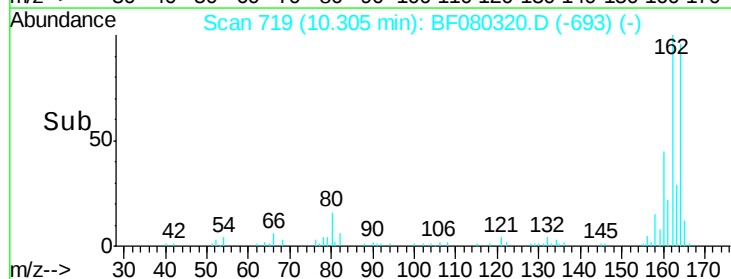
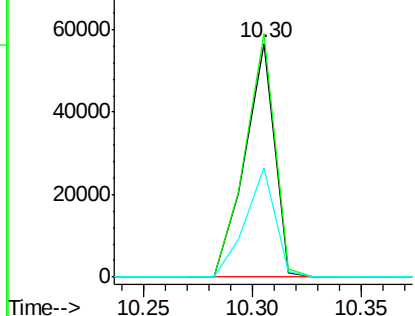


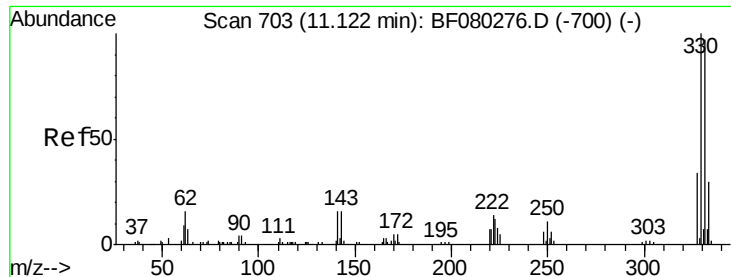
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.30 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF080320.D
 Acq: 3 Jul 2015 1:19

Tgt Ion:164 Resp: 53456
 Ion Ratio Lower Upper
 164 100
 162 104.3 84.8 127.2
 160 46.8 35.8 53.8



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

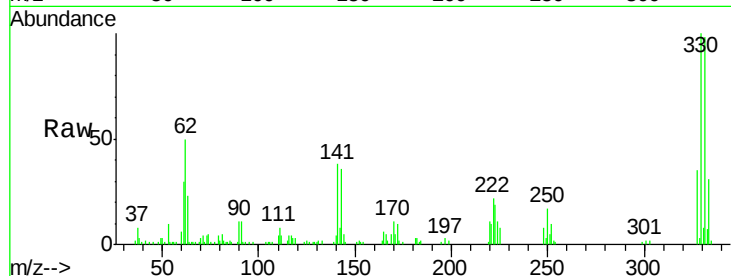




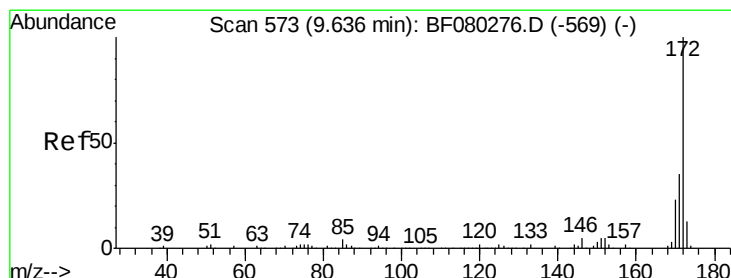
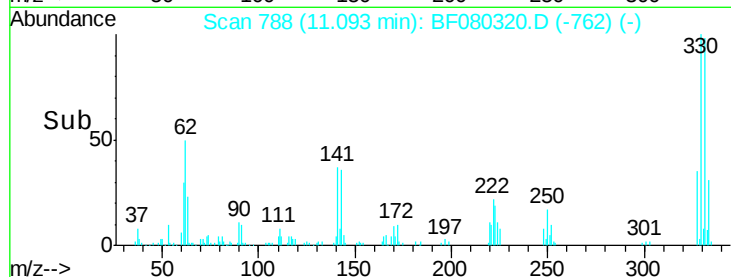
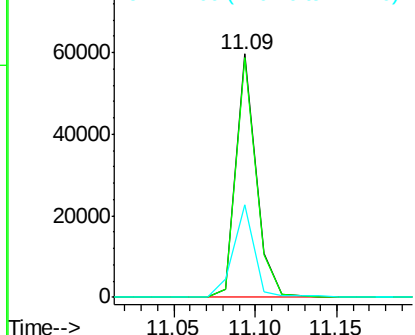
#41
 2,4,6-Tribromophenol
 Concen: 99.20 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF080320.D
 Acq: 3 Jul 2015 1:19

Instrument :
 BNA_F
 ClientSampleId :
 GP-2(7.5)

Tgt Ion:330 Resp: 50491
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.4 116.2
 141 40.2 28.0 42.0

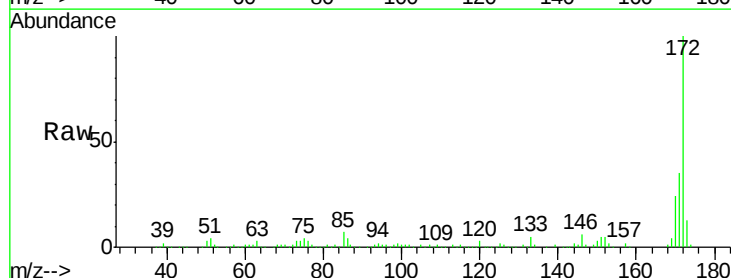


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

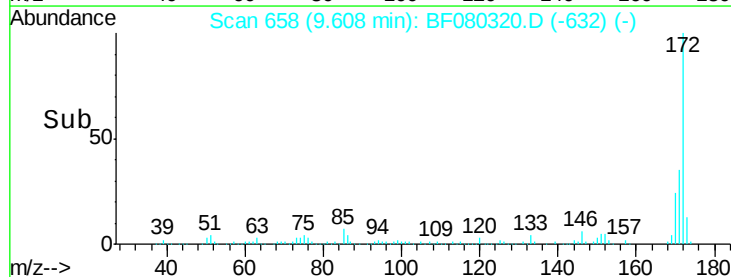
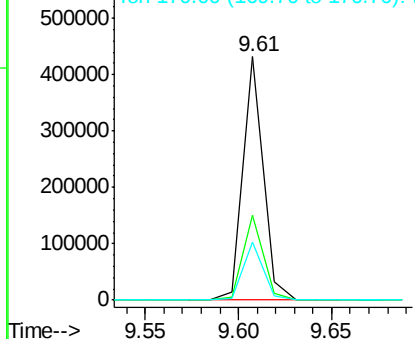


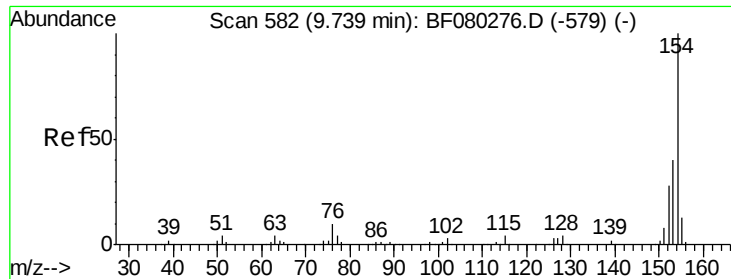
#44
 2-Fluorobiphenyl
 Concen: 88.31 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF080320.D
 Acq: 3 Jul 2015 1:19

Tgt Ion:172 Resp: 327973
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.1 42.1
 170 23.9 18.6 28.0



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

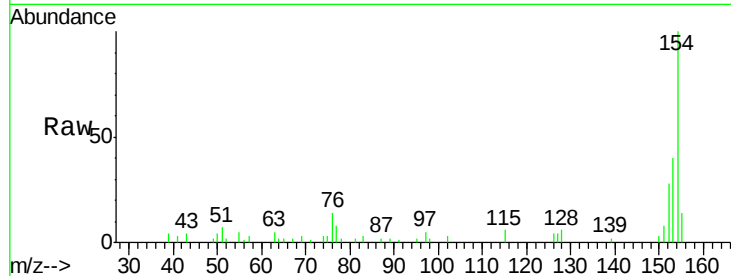




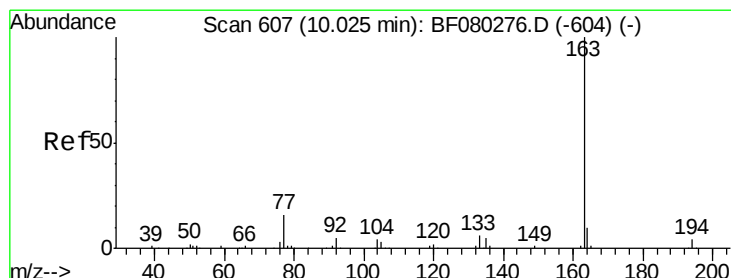
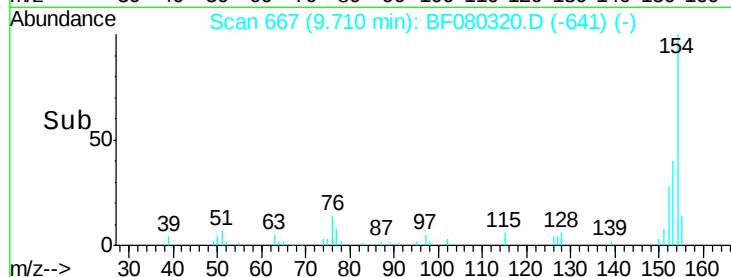
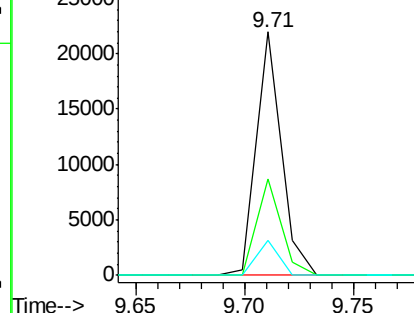
#45
1,1'-Biphenyl
Concen: 3.88 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF080320.D
Acq: 3 Jul 2015 1:19

Instrument :
BNA_F
ClientSampleId :
GP-2(7.5)

Tgt Ion:154 Resp: 17620
Ion Ratio Lower Upper
154 100
153 39.8 20.3 60.3
76 14.4 0.0 30.3

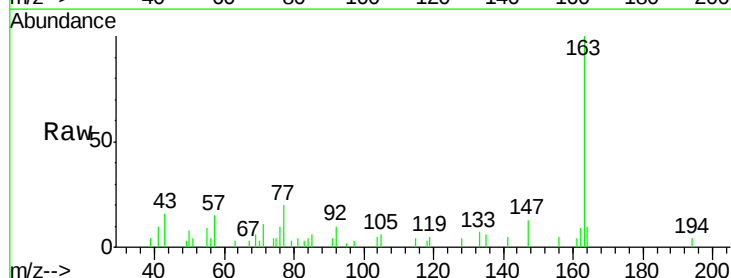


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

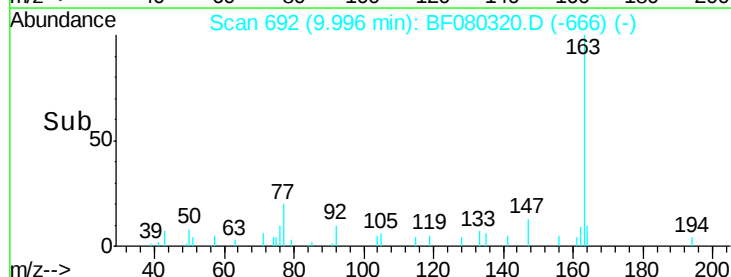
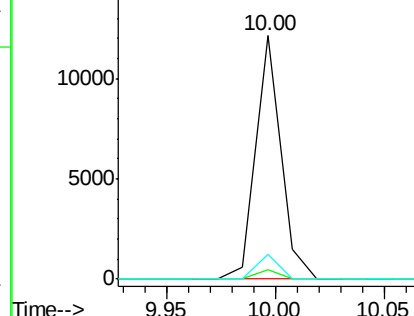


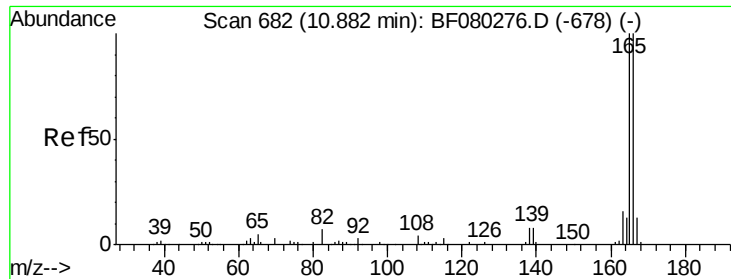
#49
Dimethylphthalate
Concen: 2.39 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF080320.D
Acq: 3 Jul 2015 1:19

Tgt Ion:163 Resp: 9769
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.0 7.9 11.9



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

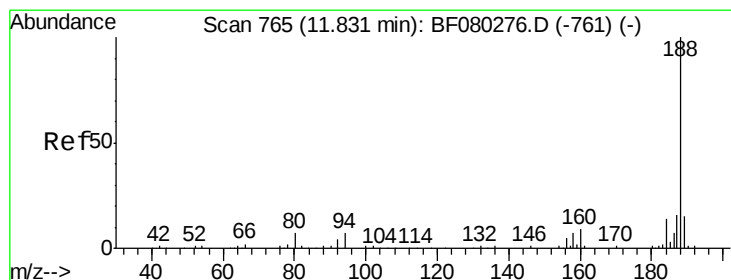
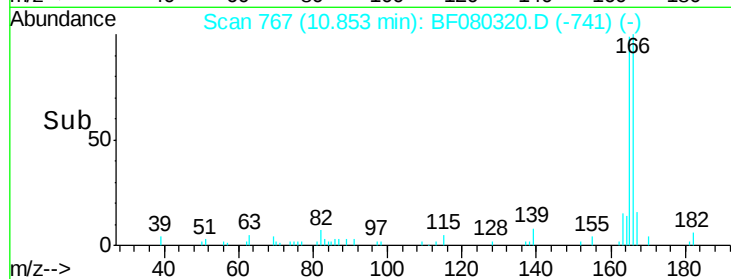
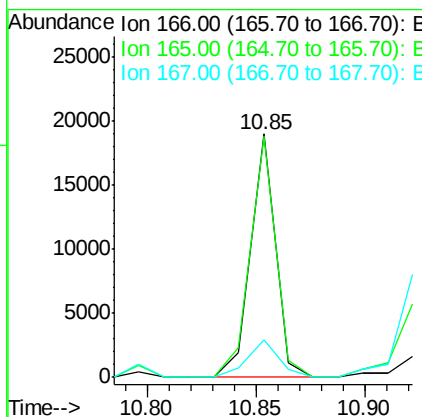
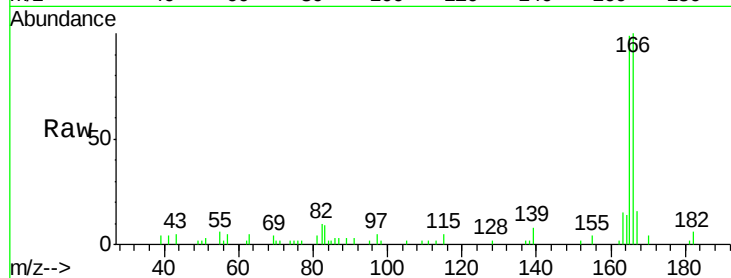




#57
 Fluorene
 Concen: 3.68 ng
 RT: 10.85 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF080320.D
 Acq: 3 Jul 2015 1:19

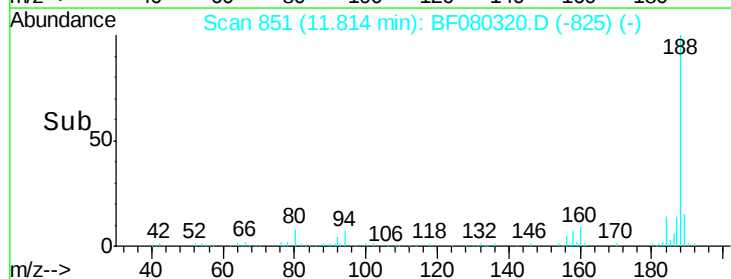
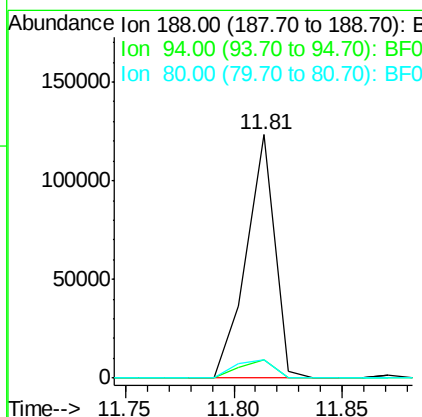
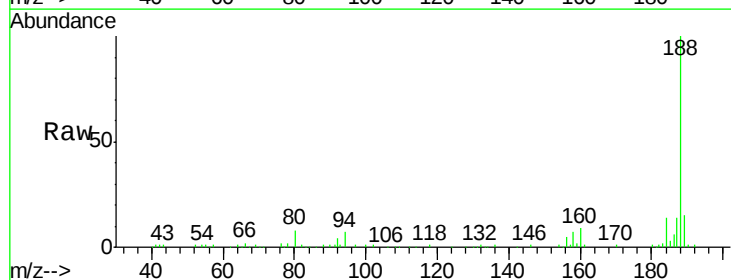
Instrument :
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 GP-2(7.5)

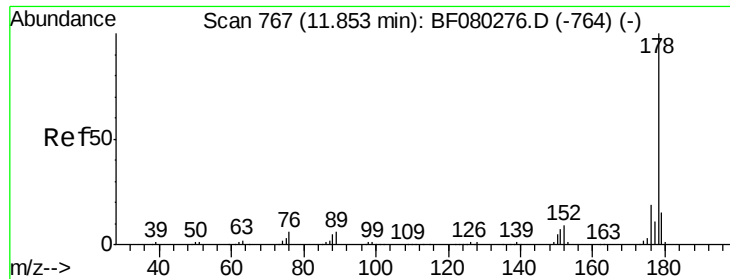
Tgt Ion:166 Resp: 15176
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.9 119.9
 167 15.6 10.3 15.5#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.81 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF080320.D
 Acq: 3 Jul 2015 1:19

Tgt Ion:188 Resp: 112226
 Ion Ratio Lower Upper
 188 100
 94 7.5 5.4 8.0
 80 7.5 5.8 8.6

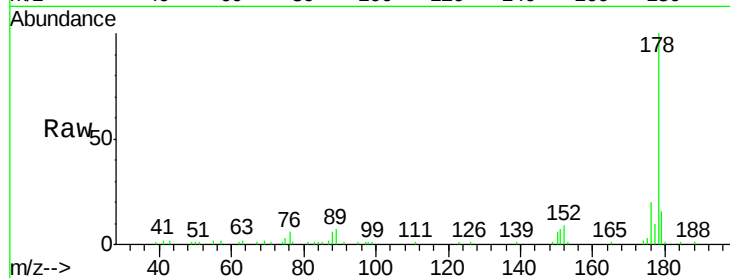




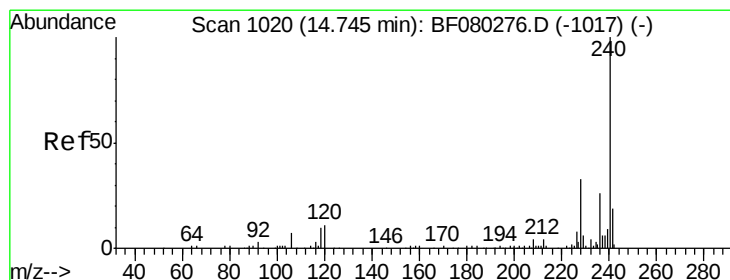
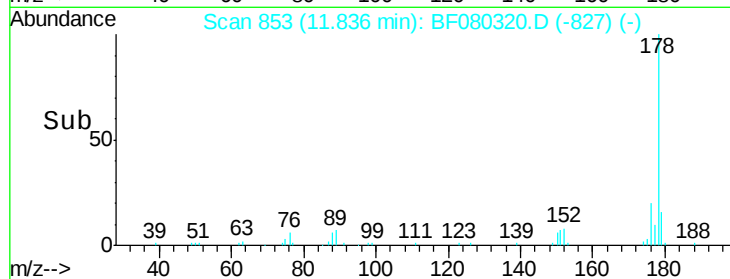
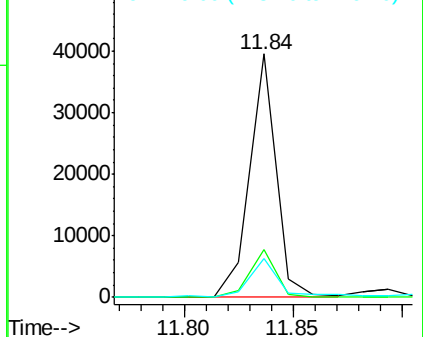
#70
Phenanthrene
Concen: 5.01 ng
RT: 11.84 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF080320.D
Acq: 3 Jul 2015 1:19

Instrument :
BNA_F
ClientSampled :
GP-2(7.5)

Tgt Ion:178 Resp: 33672
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.7 12.2 18.2

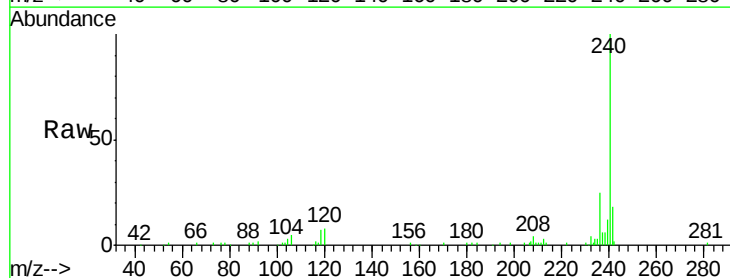


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

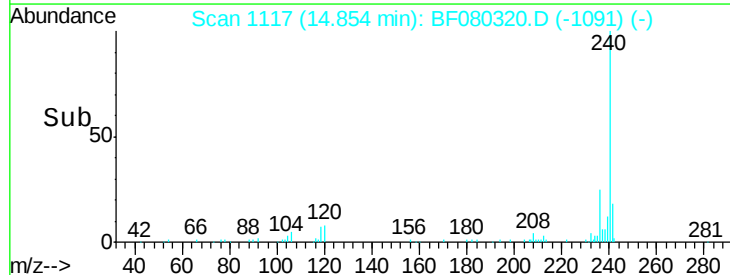
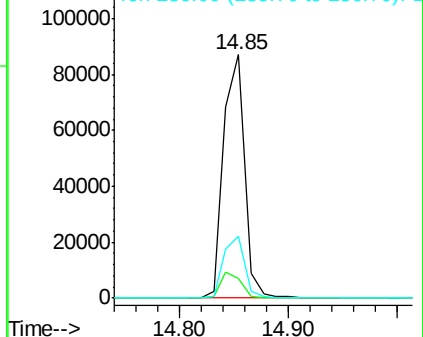


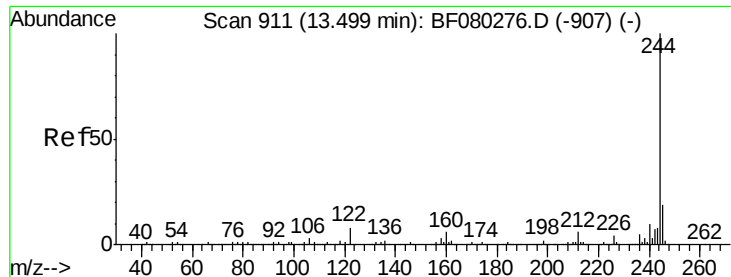
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.85 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF080320.D
Acq: 3 Jul 2015 1:19

Tgt Ion:240 Resp: 116685
Ion Ratio Lower Upper
240 100
120 8.0 8.7 13.1#
236 25.3 20.9 31.3



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

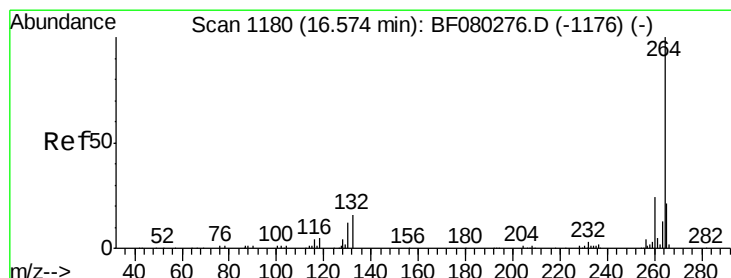
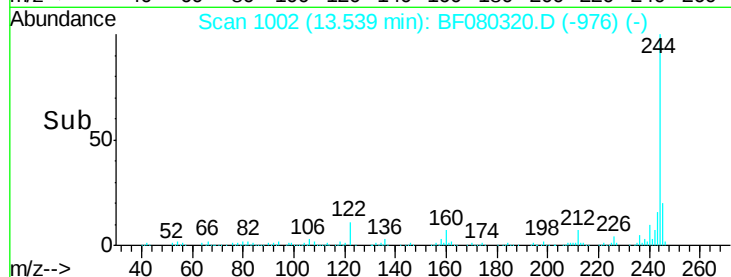
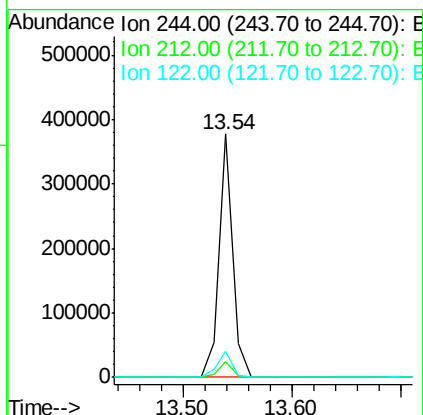
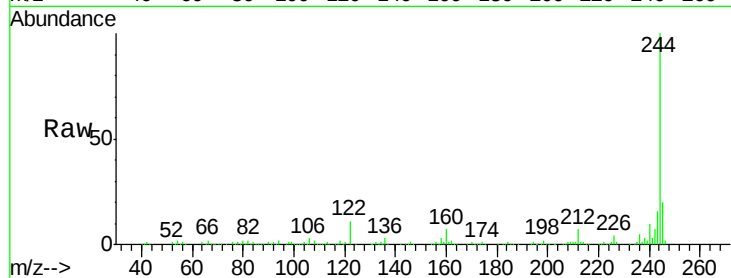




#78
 Terphenyl-d14
 Concen: 67.13 ng
 RT: 13.54 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: BF080320.D
 Acq: 3 Jul 2015 1:19

Instrument :
 BNA_F
 ClientSampleId :
 GP-2(7.5)

Tgt Ion: 244 Resp: 334383
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.6
 122 10.5 6.6 9.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF080320.D
 Acq: 3 Jul 2015 1:19

Tgt Ion: 264 Resp: 109109
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.6 16.9 25.3

