

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086230.D
 Acq On : 15 Apr 2016 21:41
 Operator : UM/SJ
 Sample : H2402-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-02D-4-7-16

Quant Time: Apr 16 00:29:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

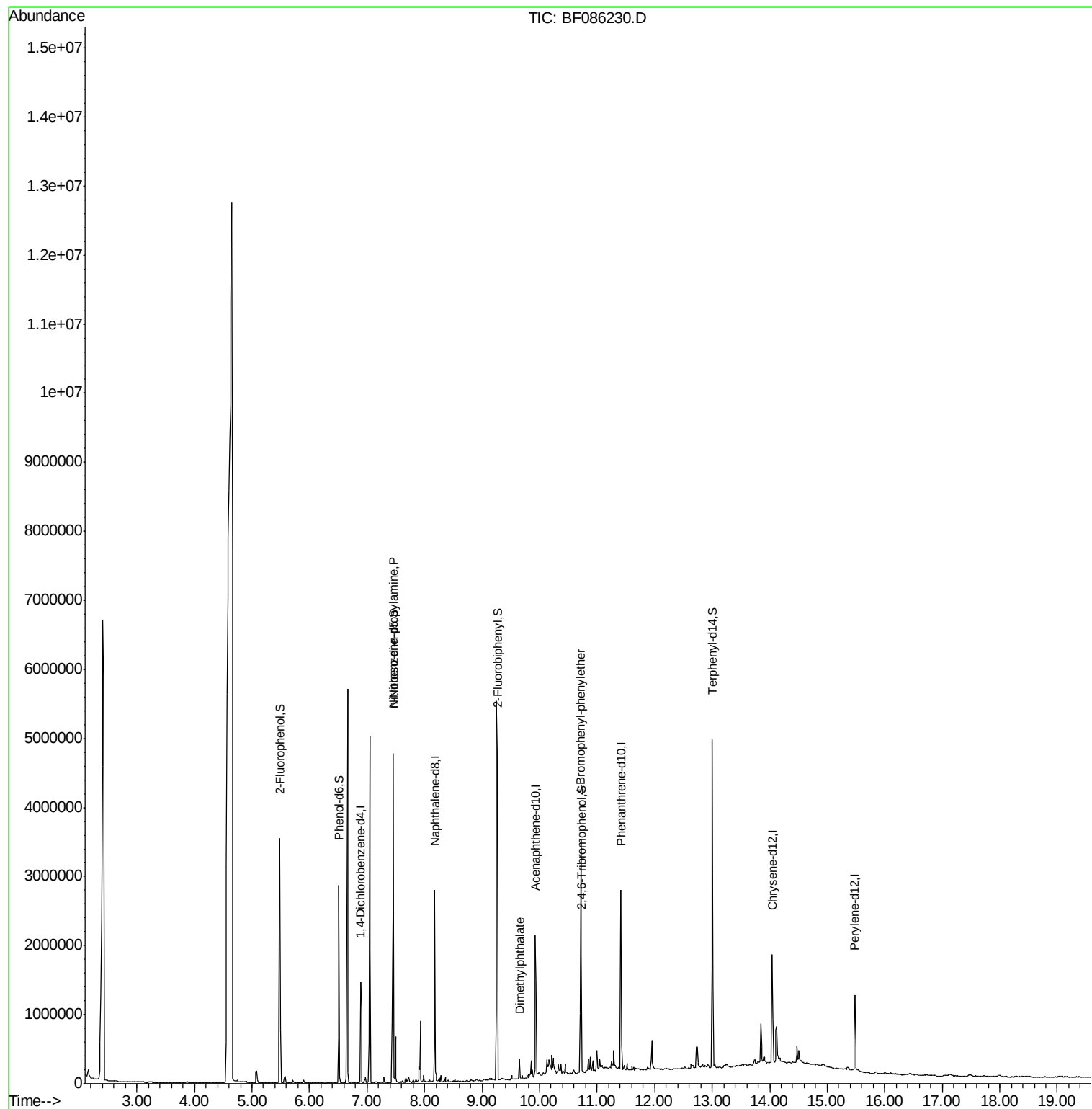
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	286330	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1166560	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	501670	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	871628	20.00	ng	0.00
75) Chrysene-d12	14.04	240	565898	20.00	ng	-0.01
86) Perylene-d12	15.48	264	472434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1000313	57.24	ng	0.00
7) Phenol-d6	6.51	99	915909	41.90	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1730526	85.56	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	512843	127.31	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2553962	93.94	ng	0.00
78) Terphenyl-d14	13.00	244	1610422	71.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	245089	17.52	ng	# 82
22) Acetophenone	7.30	105	18641	Below	Cal	# 93
49) Dimethylphthalate	9.65	163	178427	4.89	ng	# 98
57) Fluorene	10.48	166	3627	Below	Cal	# 86
66) 4-Bromophenyl-phenylether	10.72	248	32417	3.99	ng	# 1
71) Anthracene	11.48	178	5300	Below	Cal	# 62
74) Fluoranthene	12.63	202	4670	Below	Cal	# 70

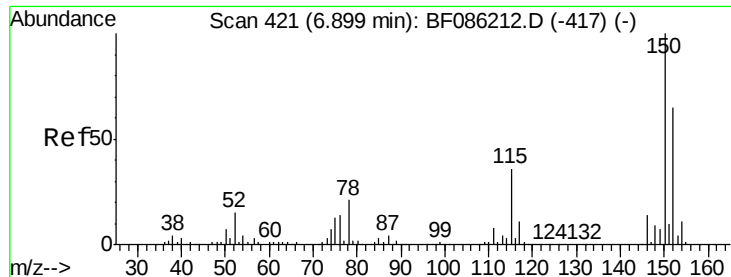
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086230.D

Acq: 15 Apr 2016 21:41

Instrument :

BNA_F

ClientSampleId :

GW-02D-4-7-16

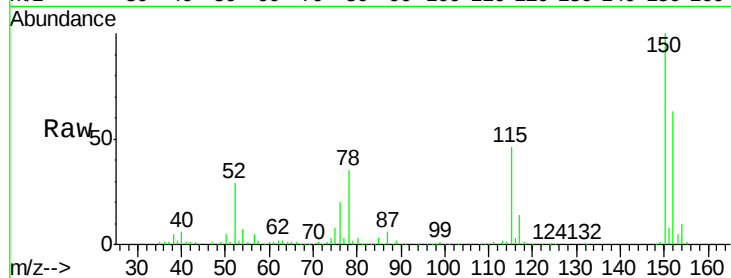
Tgt Ion:152 Resp: 286330

Ion Ratio Lower Upper

152 100

150 159.3 124.1 186.1

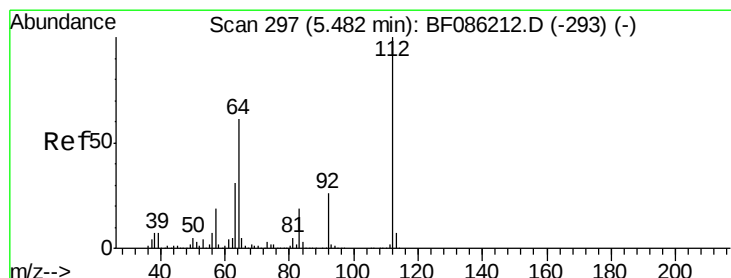
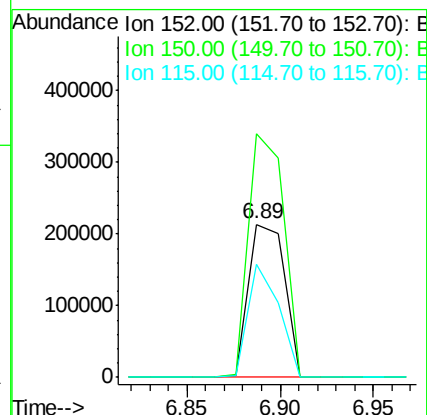
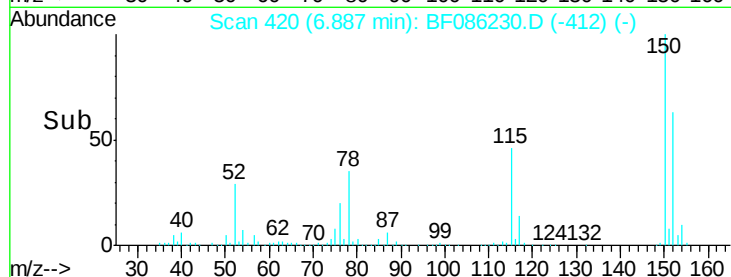
115 74.0 43.9 65.9#



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: 57.24 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF086230.D

Acq: 15 Apr 2016 21:41

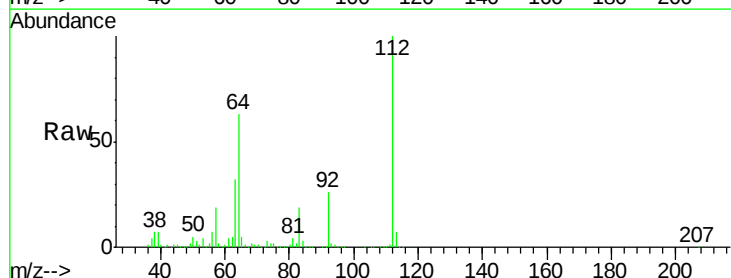
Tgt Ion:112 Resp: 1000313

Ion Ratio Lower Upper

112 100

64 62.9 48.1 72.1

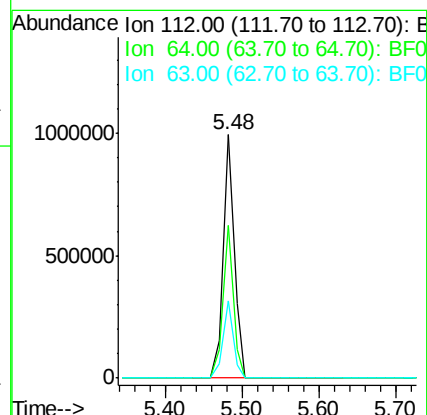
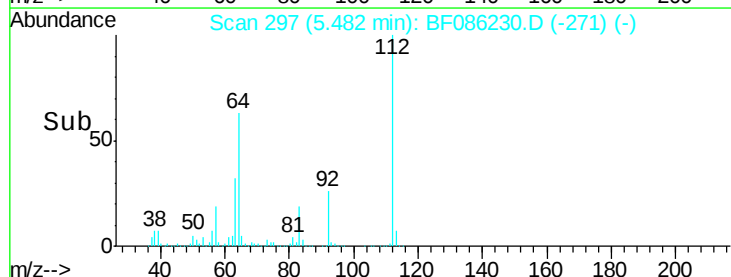
63 31.5 25.5 38.3

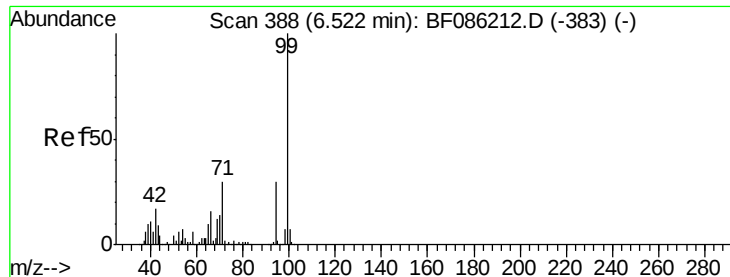


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.90 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086230.D

Acq: 15 Apr 2016 21:41

Instrument :

BNA_F

ClientSampleId :

GW-02D-4-7-16

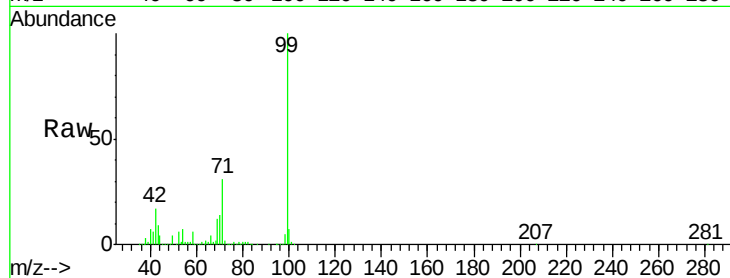
Tgt Ion: 99 Resp: 915909

Ion Ratio Lower Upper

99 100

42 17.3 15.4 23.2

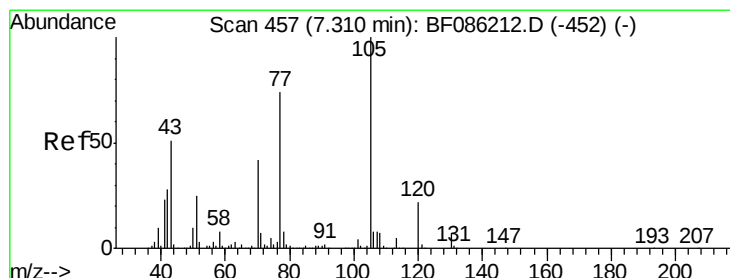
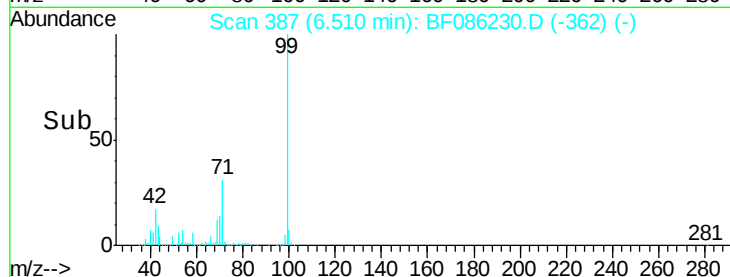
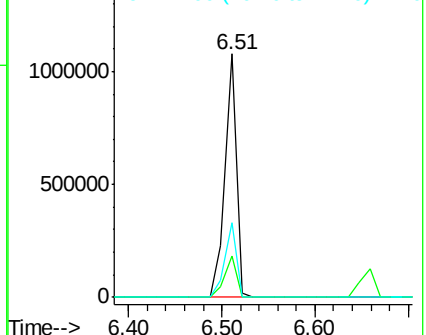
71 30.7 25.6 38.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.52 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086230.D

Acq: 15 Apr 2016 21:41

Tgt Ion: 70 Resp: 245089

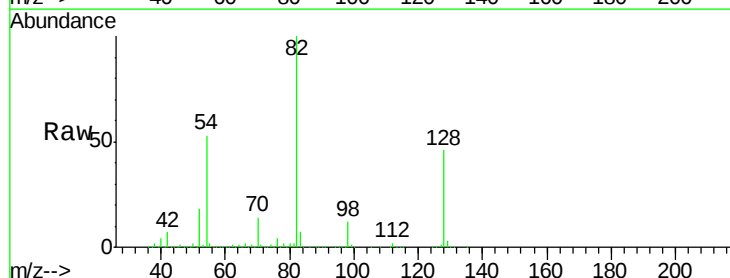
Ion Ratio Lower Upper

70 100

42 50.7 43.0 64.4

101 0.0 8.1 12.1#

130 2.2 20.1 30.1#

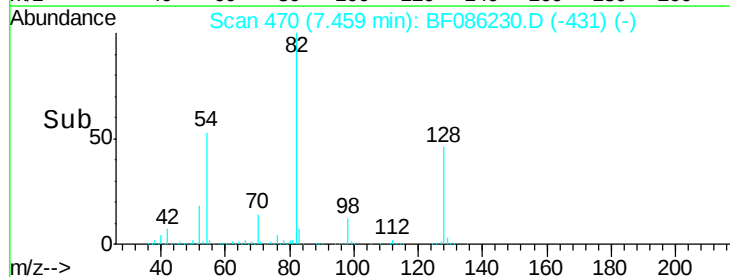
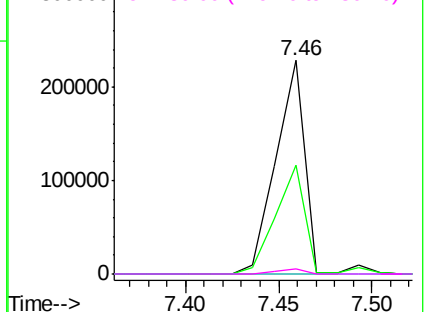


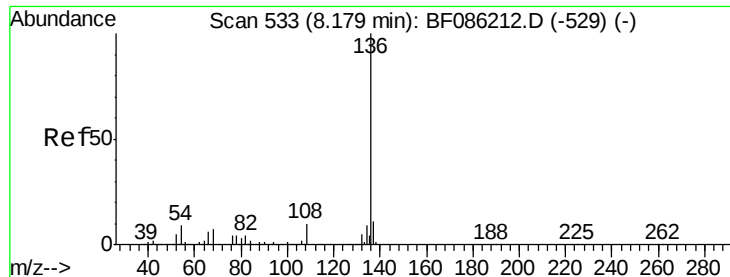
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF086230.D

Acq: 15 Apr 2016 21:41

Instrument :

BNA_F

ClientSampleId :

GW-02D-4-7-16

Tgt Ion:136 Resp: 1166560

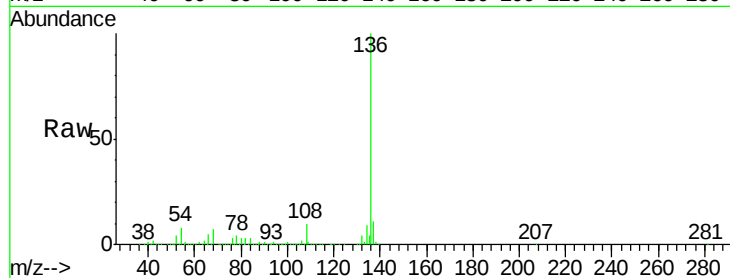
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.0 7.3 10.9

68 6.9 5.7 8.5

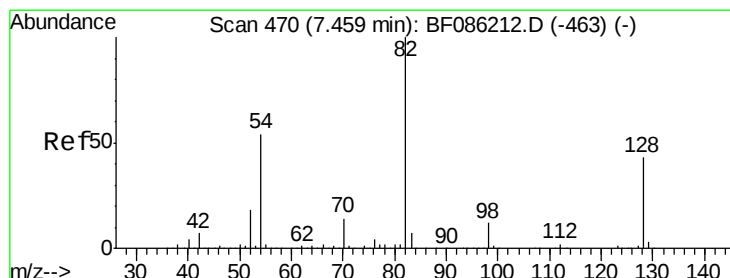
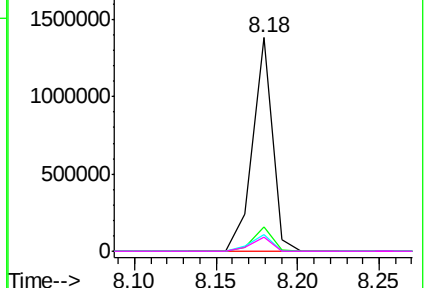
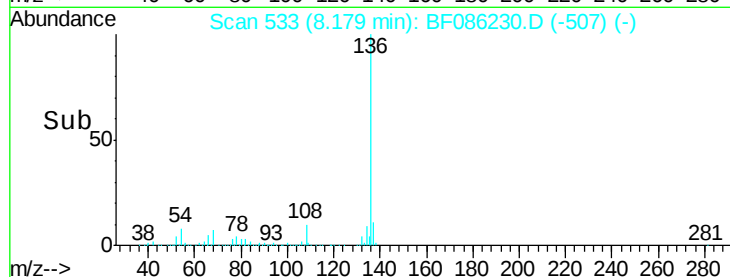


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.56 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF086230.D

Acq: 15 Apr 2016 21:41

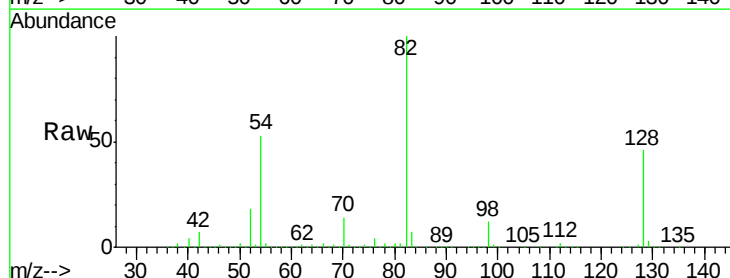
Tgt Ion: 82 Resp: 1730526

Ion Ratio Lower Upper

82 100

128 45.8 35.4 53.2

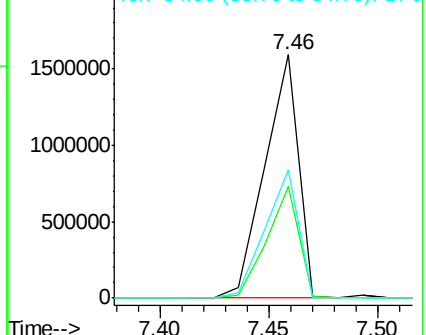
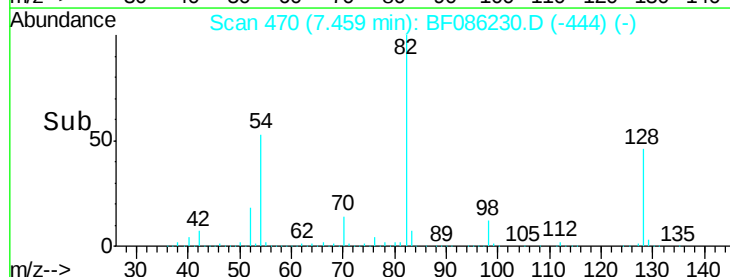
54 52.9 43.4 65.0

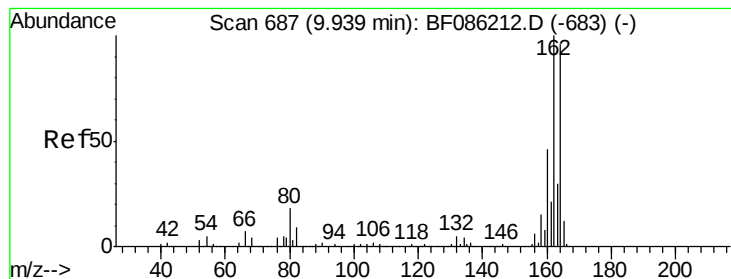


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086230.D

Acq: 15 Apr 2016 21:41

Instrument :

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ClientSampleId :

GW-02D-4-7-16

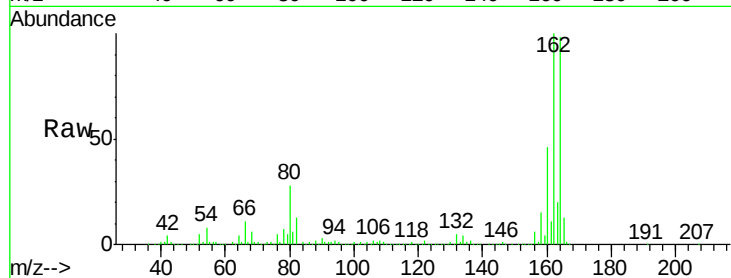
Tgt Ion:164 Resp: 501670

Ion Ratio Lower Upper

164 100

162 102.1 82.8 124.2

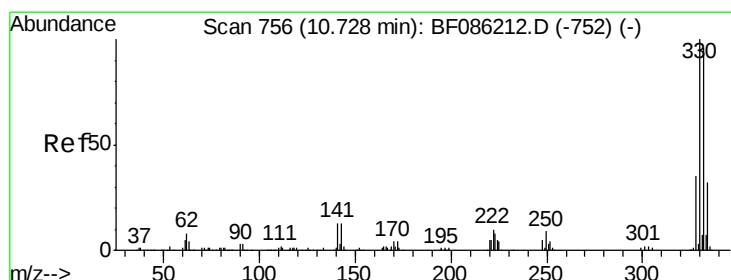
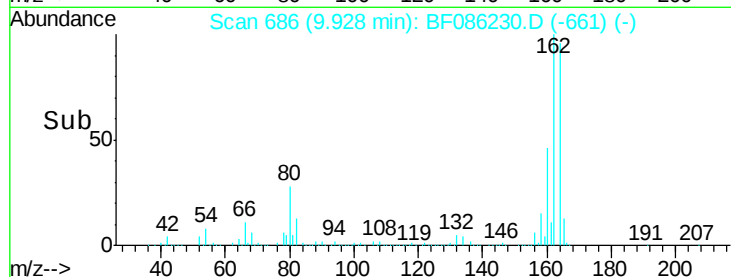
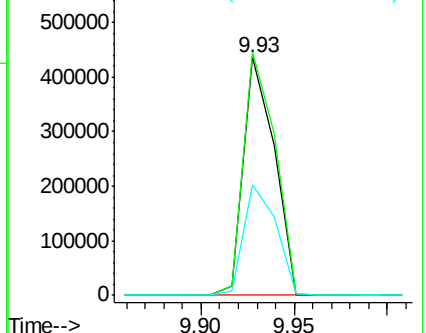
160 46.6 38.9 58.3



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: 127.31 ng

RT: 10.73 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF086230.D

Acq: 15 Apr 2016 21:41

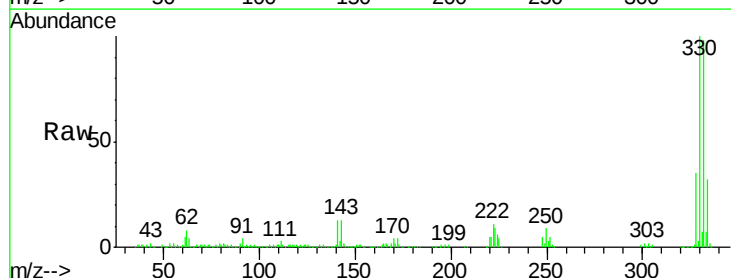
Tgt Ion:330 Resp: 512843

Ion Ratio Lower Upper

330 100

332 96.3 78.7 118.1

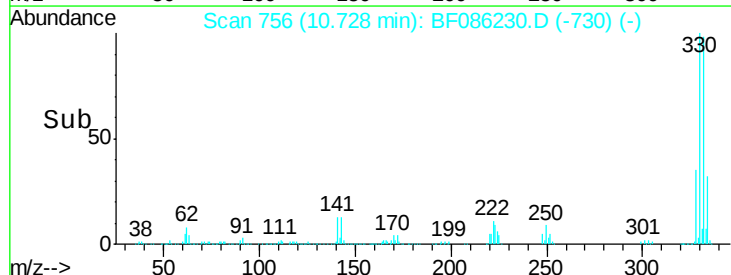
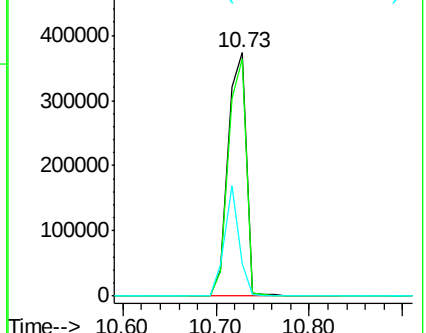
141 36.7 28.6 42.8

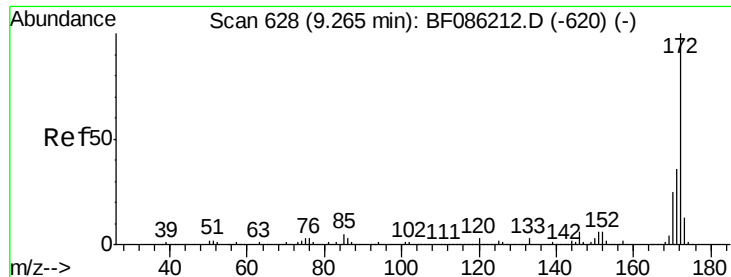


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

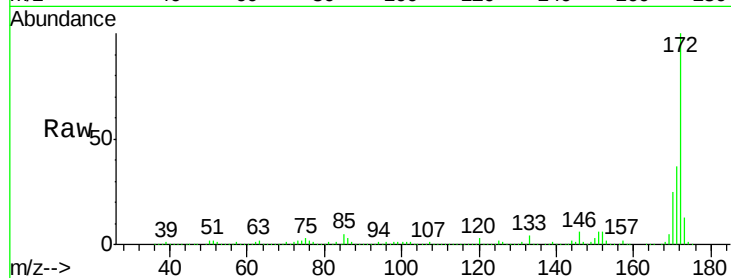




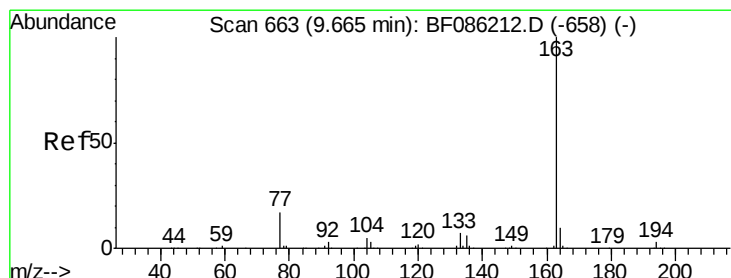
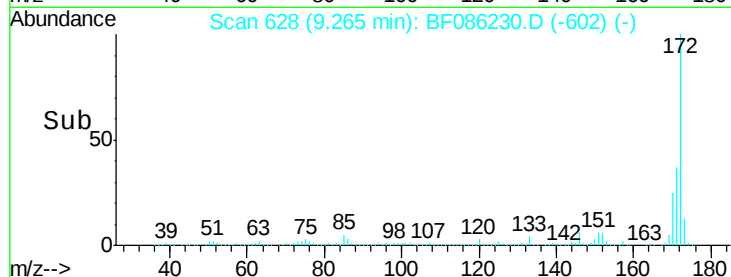
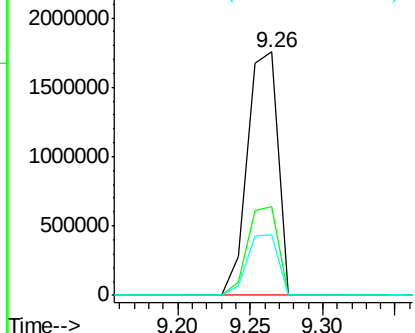
#44
 2-Fluorobiphenyl
 Concen: 93.94 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086230.D
 Acq: 15 Apr 2016 21:41

Instrument :
 BNA_F
 ClientSampleId :
 GW-02D-4-7-16

Tgt Ion:172 Resp: 2553962
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.1 43.7
 170 24.7 19.9 29.9

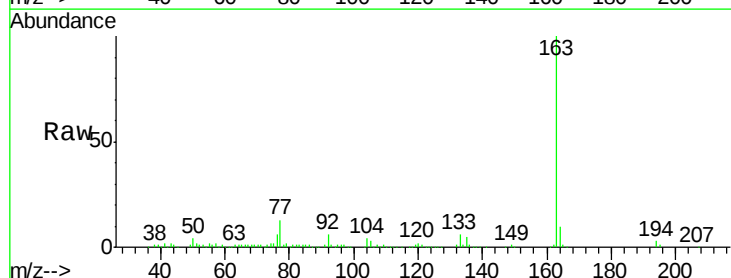


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

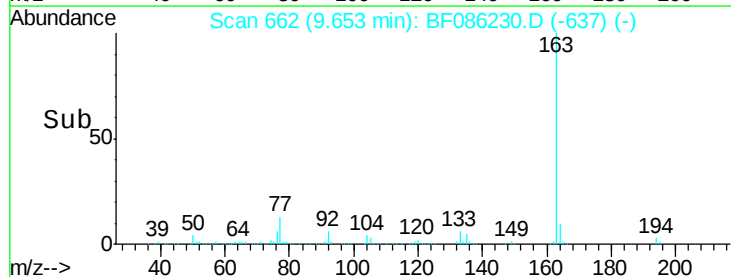
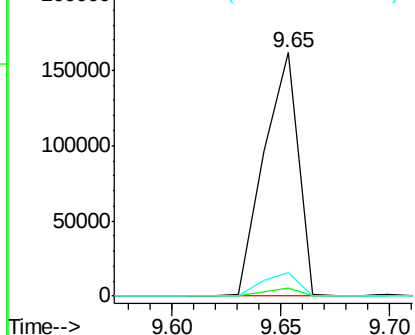


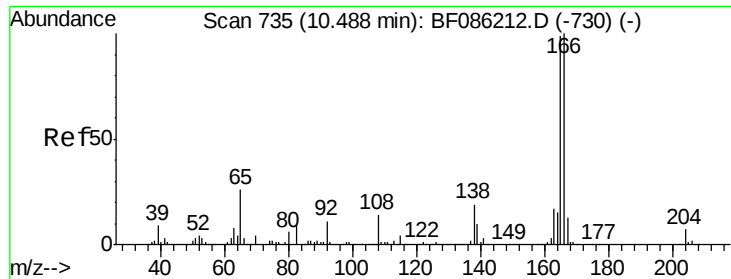
#49
 Dimethylphthalate
 Concen: 4.89 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF086230.D
 Acq: 15 Apr 2016 21:41

Tgt Ion:163 Resp: 178427
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.8 4.2
 164 9.6 8.4 12.6



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

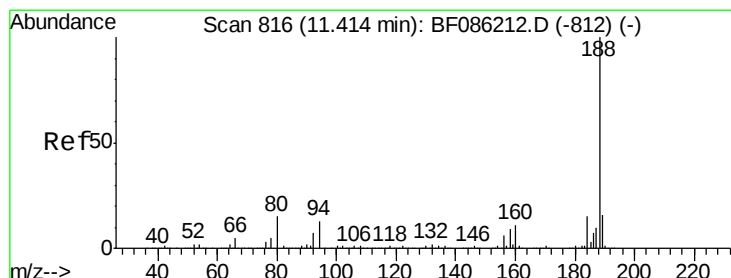
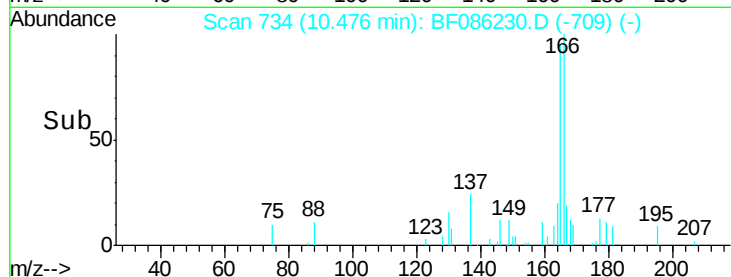
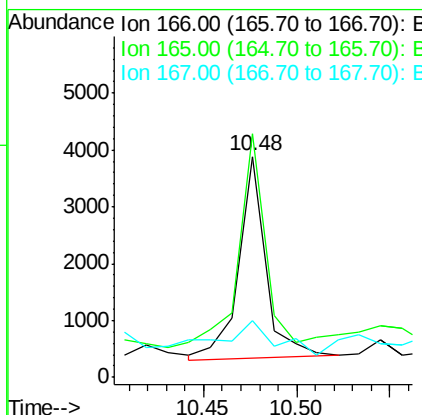
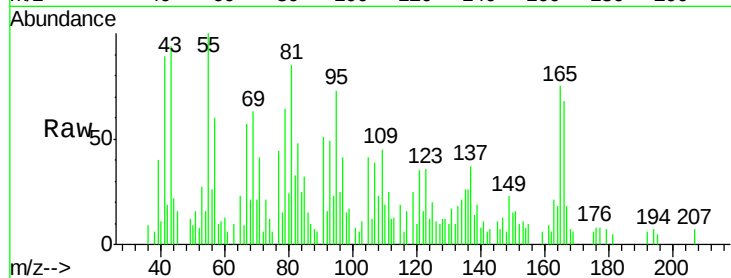




#57
Fluorene
 Concen: Below Cal
 RT: 10.48 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF086230.D
 Acq: 15 Apr 2016 21:41

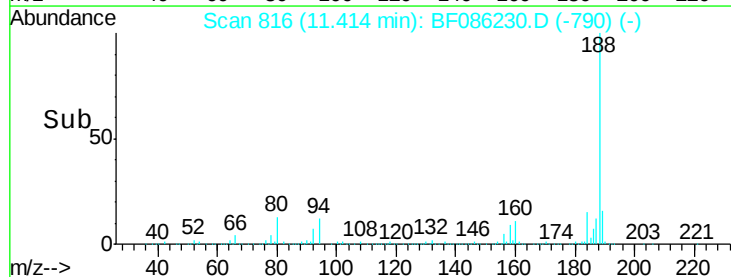
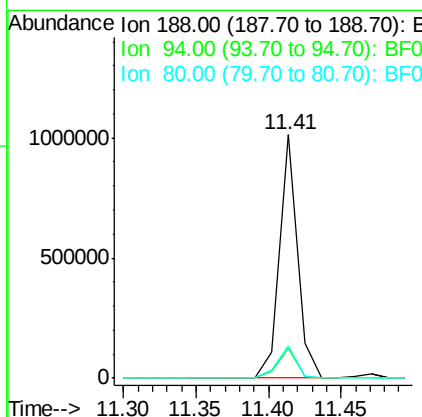
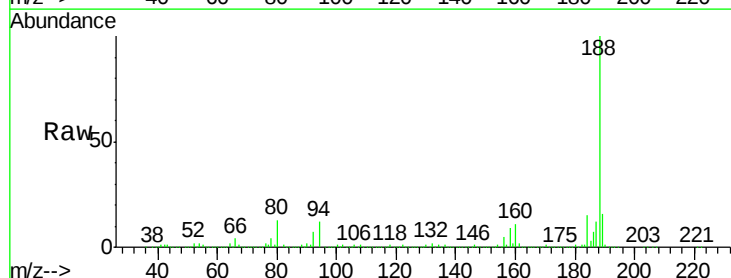
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 BNA_F
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 GW-02D-4-7-16

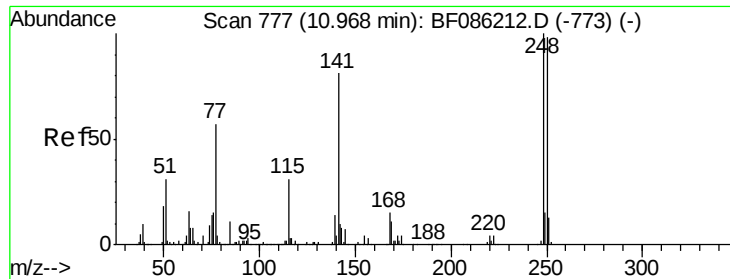
Tgt Ion:166 Resp: 3627
 Ion Ratio Lower Upper
 166 100
 165 110.2 78.6 117.8
 167 25.9 10.4 15.6#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF086230.D
 Acq: 15 Apr 2016 21:41

Tgt Ion:188 Resp: 871628
 Ion Ratio Lower Upper
 188 100
 94 12.1 9.8 14.8
 80 13.2 10.5 15.7

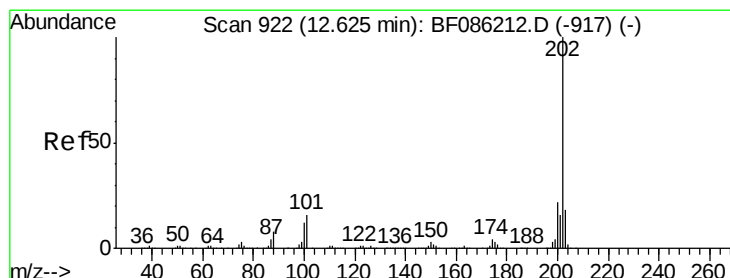
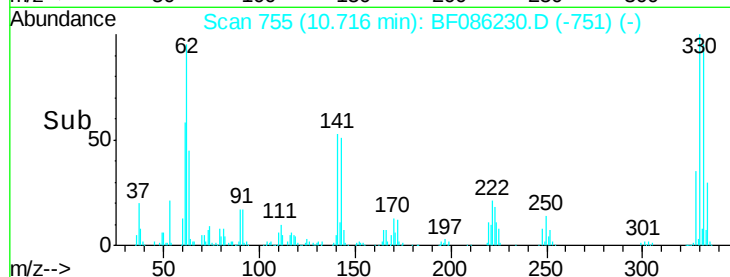
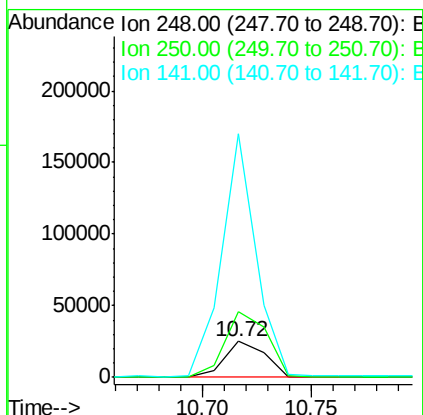
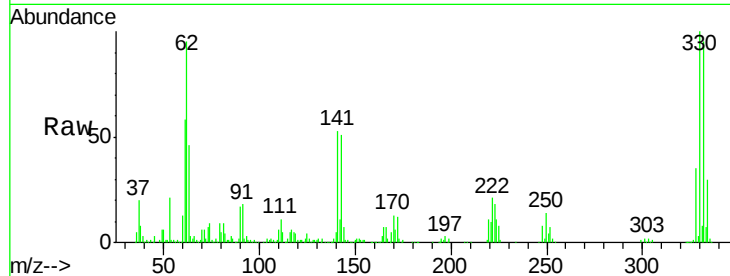




#66
4-Bromophenyl-phenylether
Concen: 3.99 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.25 min
Lab File: BF086230.D
Acq: 15 Apr 2016 21:41

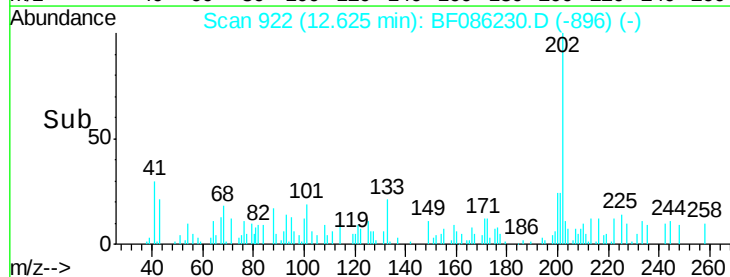
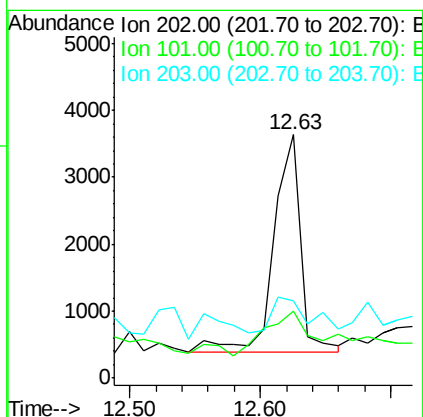
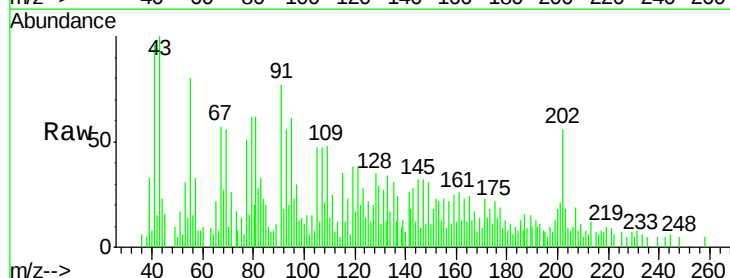
Instrument :
BNA_F
ClientSampleId :
GW-02D-4-7-16

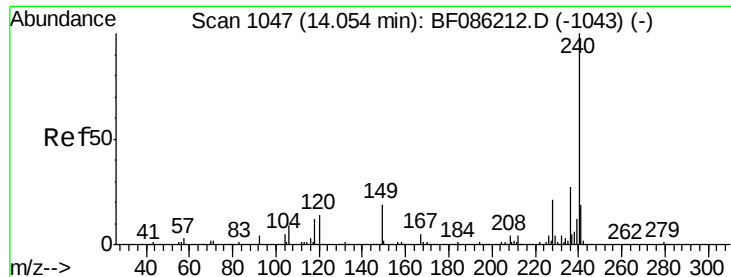
Tgt Ion:248 Resp: 32417
Ion Ratio Lower Upper
248 100
250 182.1 78.6 118.0#
141 675.6 57.9 86.9#



#74
Fluoranthene
Concen: Below Cal
RT: 12.63 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF086230.D
Acq: 15 Apr 2016 21:41

Tgt Ion:202 Resp: 4670
Ion Ratio Lower Upper
202 100
101 27.5 0.0 35.2
203 31.9 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086230.D

Acq: 15 Apr 2016 21:41

Instrument :

BNA_F

ClientSampleId :

GW-02D-4-7-16

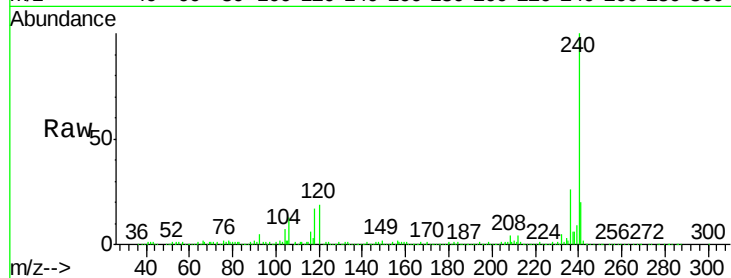
Tgt Ion:240 Resp: 565898

Ion Ratio Lower Upper

240 100

120 19.0 9.3 13.9#

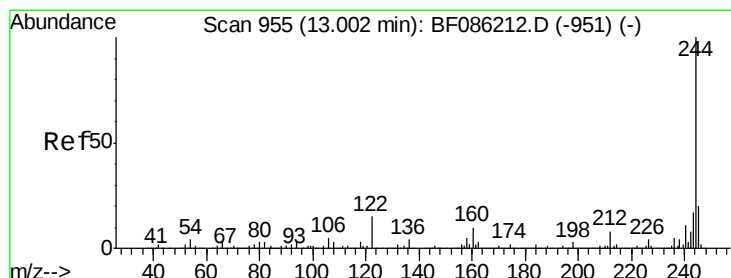
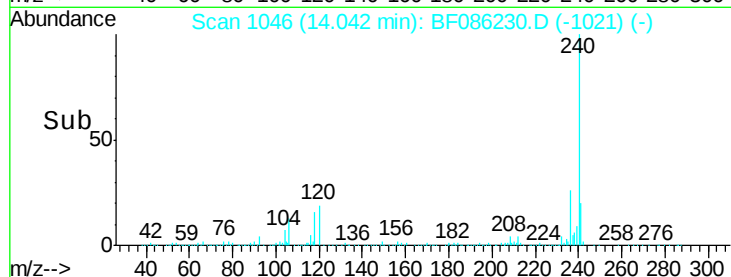
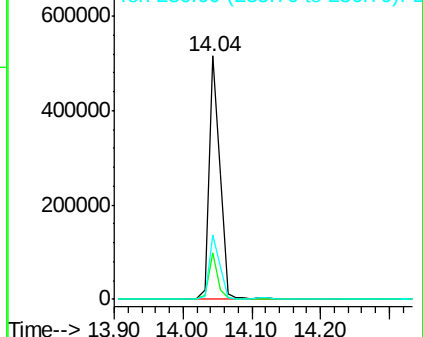
236 26.3 21.1 31.7



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: 71.56 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086230.D

Acq: 15 Apr 2016 21:41

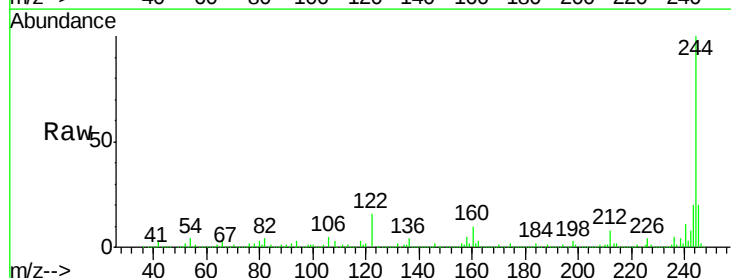
Tgt Ion:244 Resp: 1610422

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

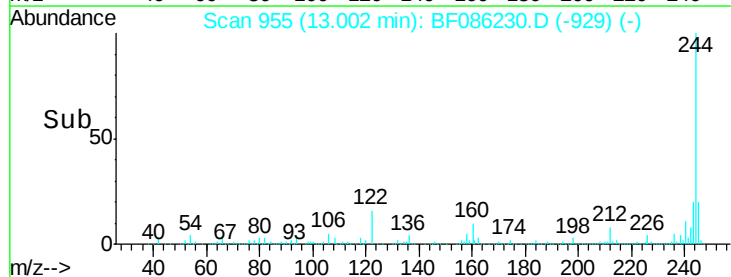
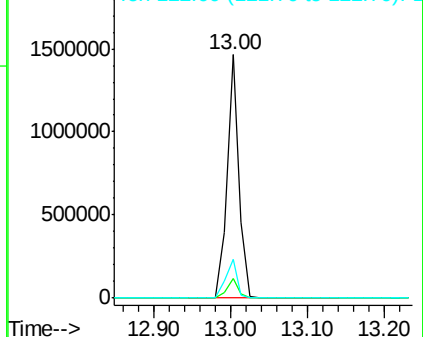
122 16.0 11.7 17.5

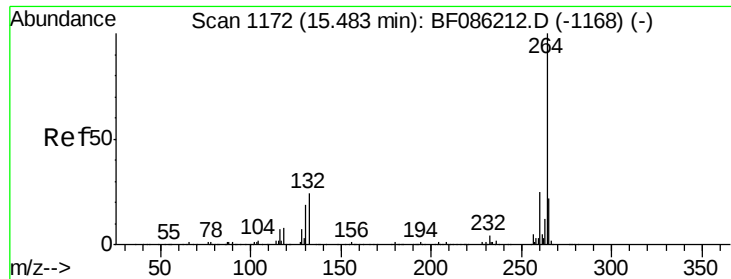


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

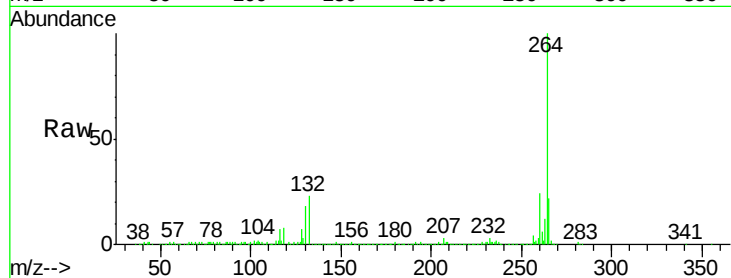




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF086230.D
Acq: 15 Apr 2016 21:41

Instrument :
BNA_F
ClientSampleId :
GW-02D-4-7-16

Tgt Ion: 264 Resp: 472434
Ion Ratio Lower Upper
264 100
260 24.2 20.0 30.0
265 21.5 17.4 26.0



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

