

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086226.D
 Acq On : 15 Apr 2016 19:48
 Operator : UM/SJ
 Sample : H2402-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-01S-4-7-16

Quant Time: Apr 16 00:27:05 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

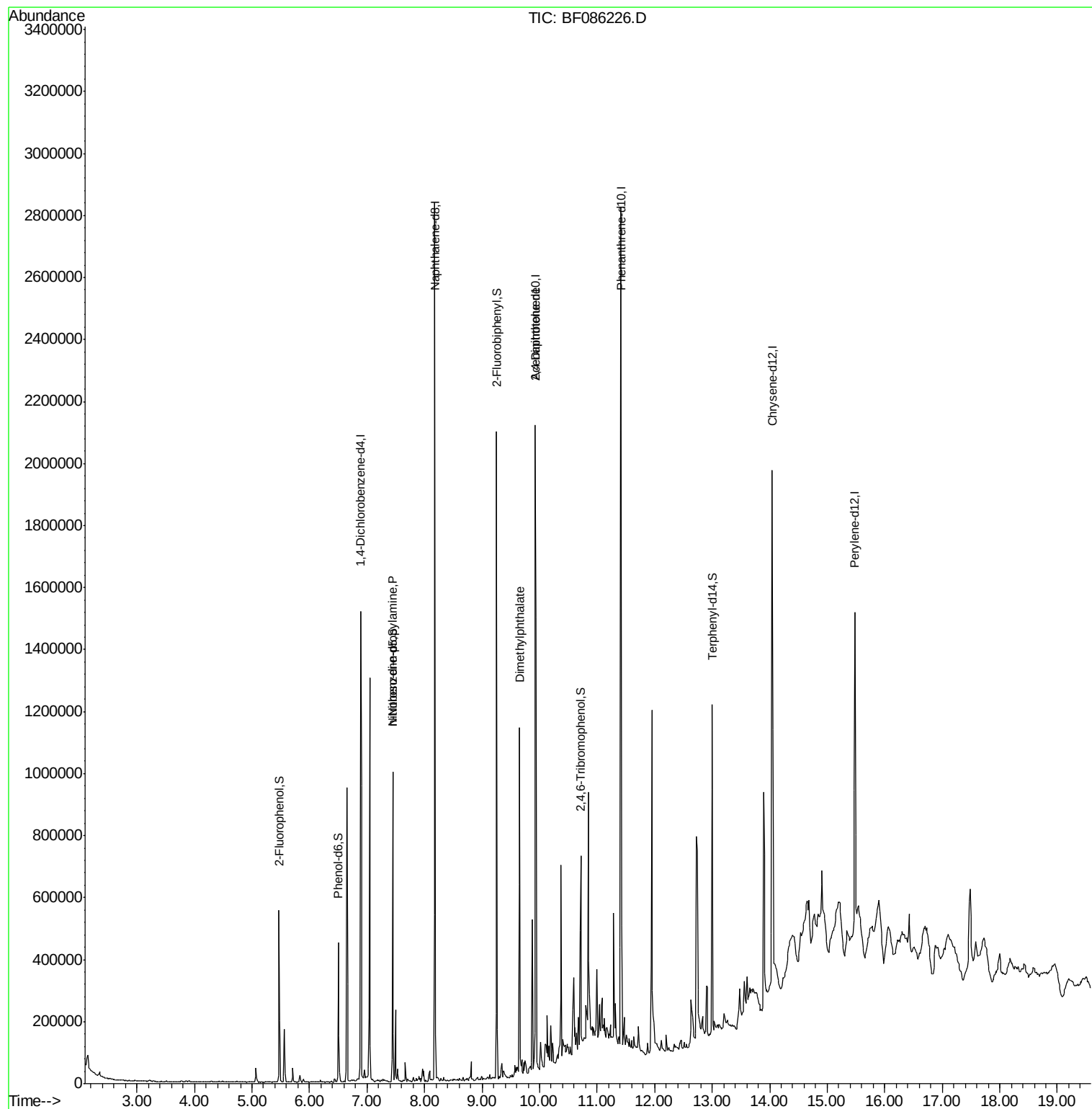
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	282125	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1180605	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	508204	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	890921	20.00	ng	0.00
75) Chrysene-d12	14.04	240	600770	20.00	ng	-0.01
86) Perylene-d12	15.48	264	457178	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	160568	9.33	ng	-0.01
7) Phenol-d6	6.50	99	145300	6.75	ng	-0.02
23) Nitrobenzene-d5	7.45	82	293699	14.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	76097	18.65	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	553418	20.09	ng	-0.01
78) Terphenyl-d14	13.00	244	428951	17.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	37944	2.75	ng	# 77
22) Acetophenone	7.30	105	1031	Below	Cal	# 67
49) Dimethylphthalate	9.65	163	559441	15.14	ng	# 98
56) 2,4-Dinitrotoluene	9.93	165	66165	6.32	ng	# 31
57) Fluorene	10.48	166	2080	Below	Cal	# 94
71) Anthracene	11.49	178	4028	Below	Cal	# 64
74) Fluoranthene	12.63	202	6844	Below	Cal	# 92

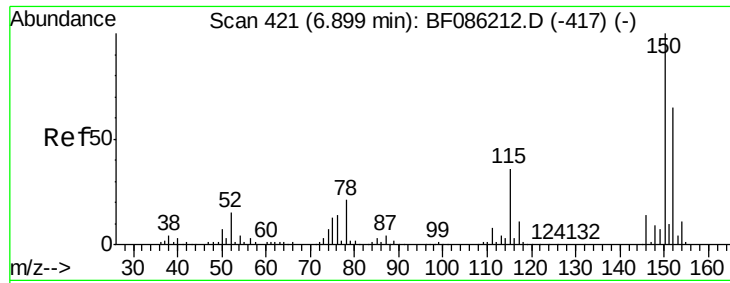
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
Data File : BF086226.D
Acq On : 15 Apr 2016 19:48
Operator : UM/SJ
Sample : H2402-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-01S-4-7-16

Quant Time: Apr 16 00:27:05 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086226.D

Acq: 15 Apr 2016 19:48

Instrument :

BNA_F

ClientSampleId :

GW-01S-4-7-16

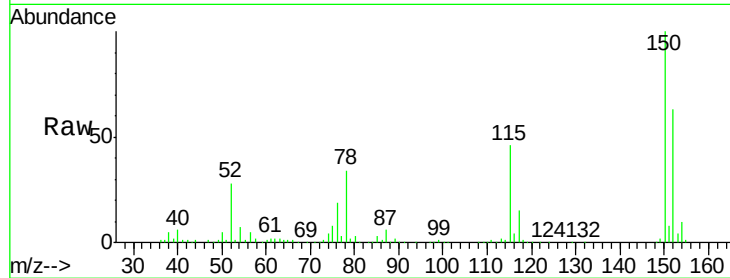
Tgt Ion:152 Resp: 282125

Ion Ratio Lower Upper

152 100

150 158.3 124.1 186.1

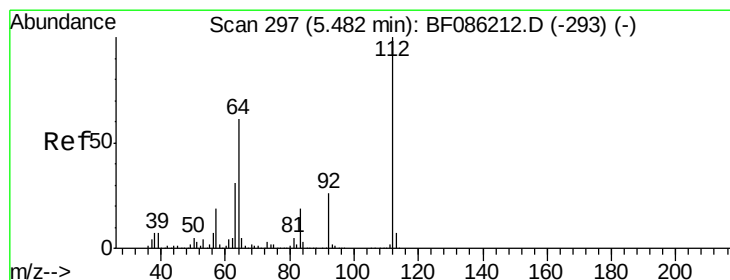
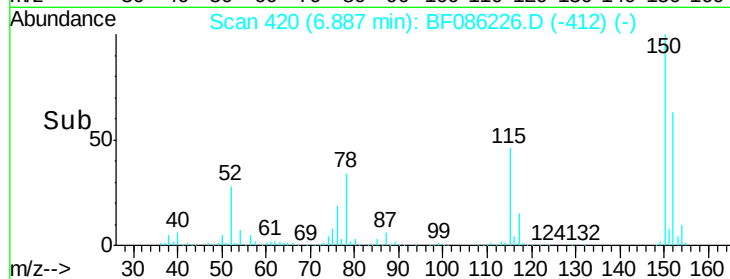
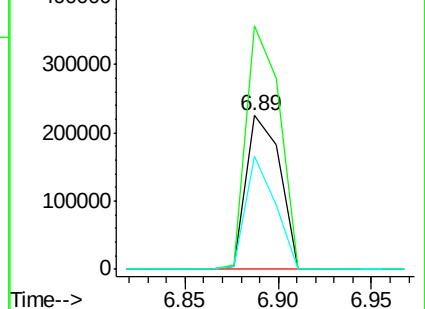
115 73.5 43.9 65.9#



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: 9.33 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF086226.D

Acq: 15 Apr 2016 19:48

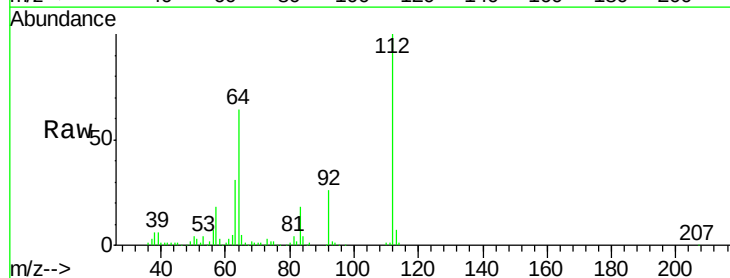
Tgt Ion:112 Resp: 160568

Ion Ratio Lower Upper

112 100

64 63.7 48.1 72.1

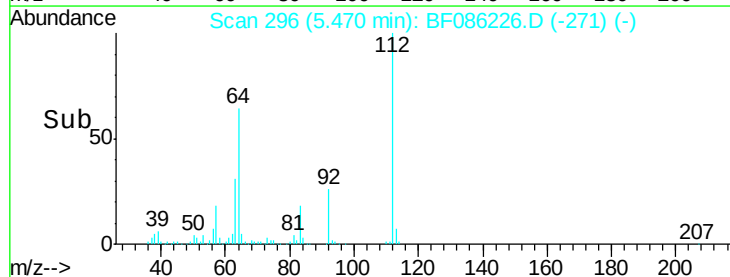
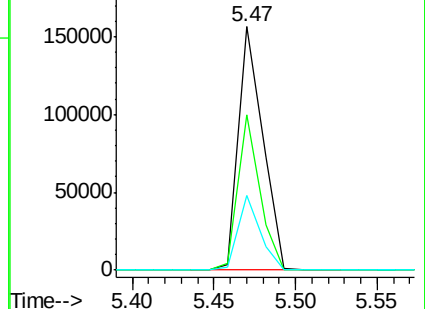
63 30.9 25.5 38.3

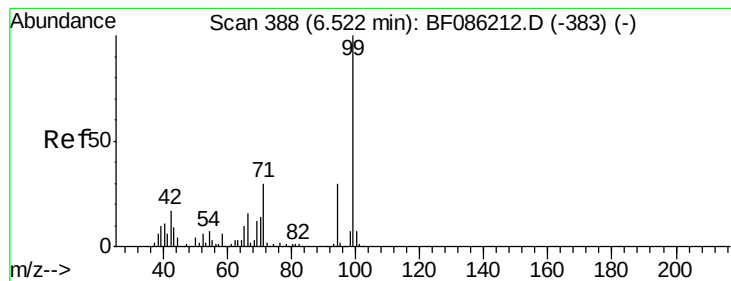


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 6.75 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086226.D

Acq: 15 Apr 2016 19:48

Instrument :

BNA_F

ClientSampleId :

GW-01S-4-7-16

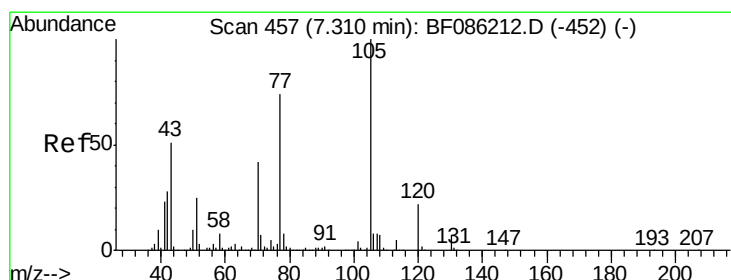
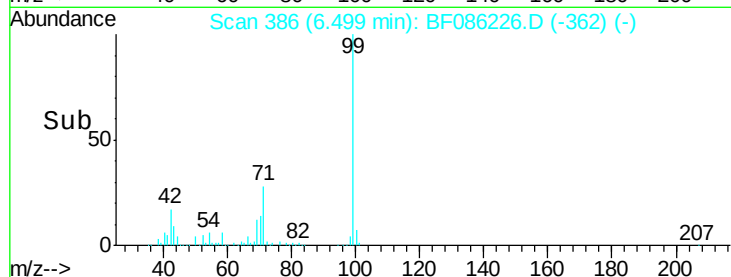
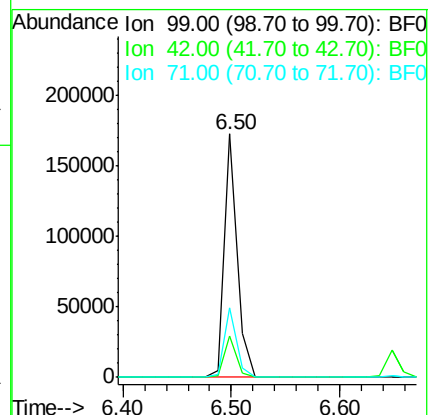
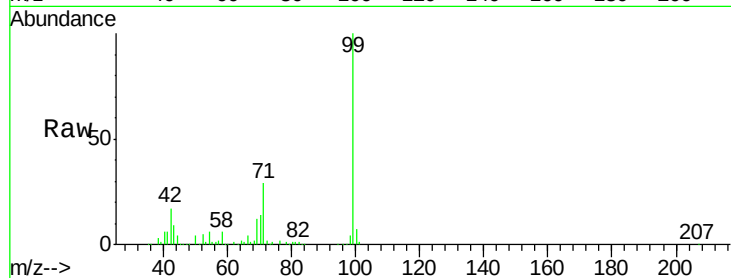
Tgt Ion: 99 Resp: 145300

Ion Ratio Lower Upper

99 100

42 17.1 15.4 23.2

71 28.6 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 2.75 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.14 min

Lab File: BF086226.D

Acq: 15 Apr 2016 19:48

Tgt Ion: 70 Resp: 37944

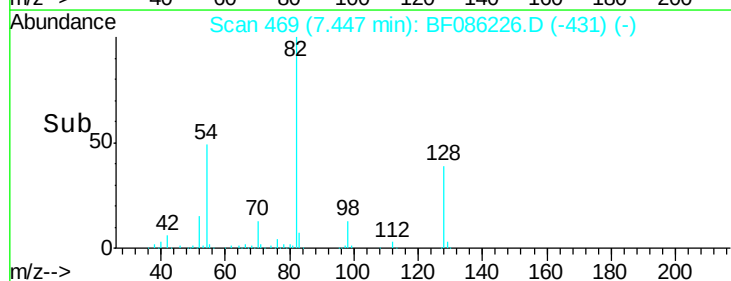
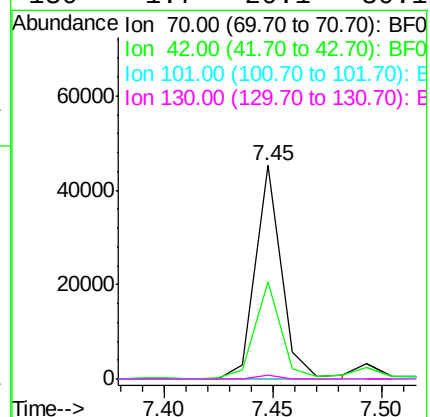
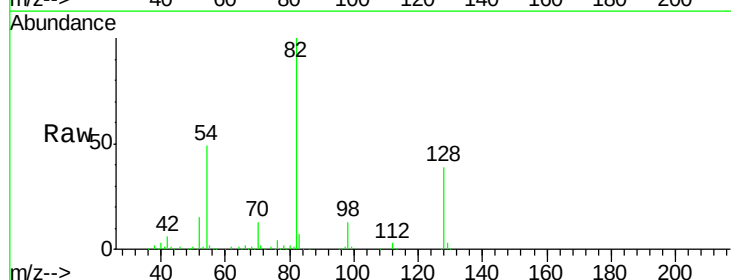
Ion Ratio Lower Upper

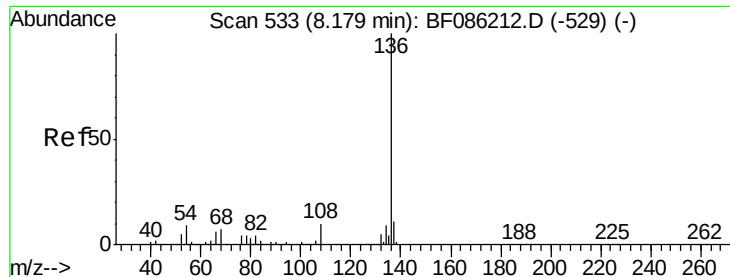
70 100

42 45.9 43.0 64.4

101 0.0 8.1 12.1#

130 1.7 20.1 30.1#

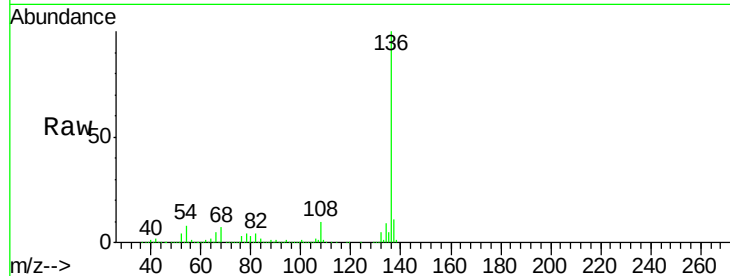




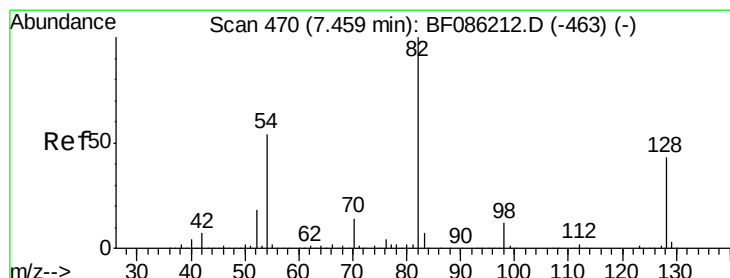
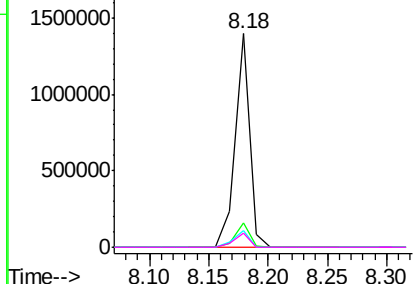
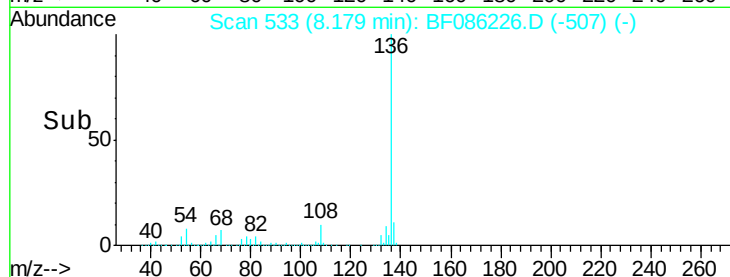
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086226.D
Acq: 15 Apr 2016 19:48

Instrument :
BNA_F
ClientSampleId :
GW-01S-4-7-16

Tgt Ion:	136	Resp:	1180605
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.0	7.3	10.9
68	6.7	5.7	8.5

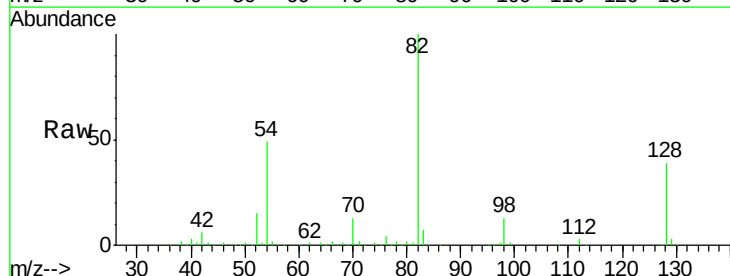


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

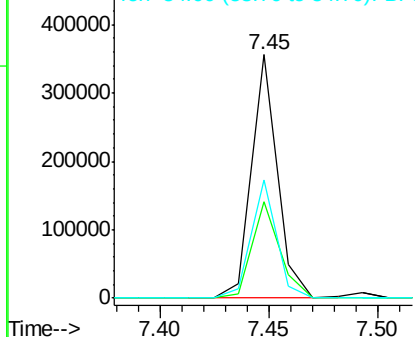
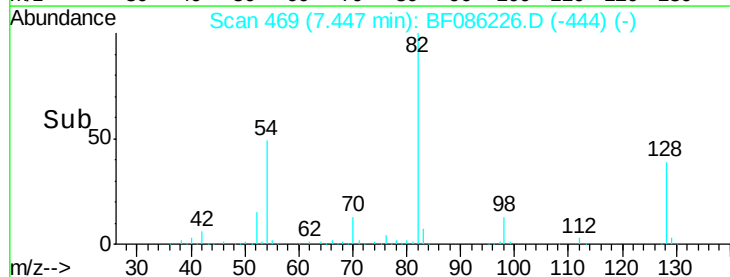


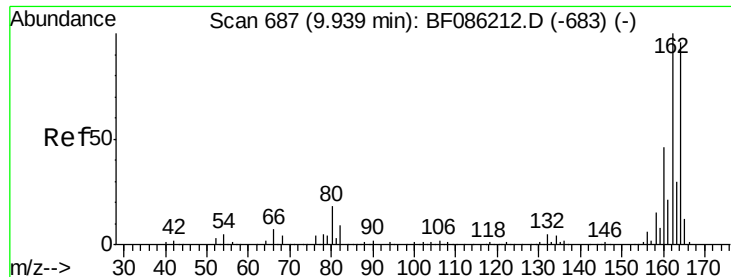
#23
Nitrobenzene-d5
Concen: 14.35 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF086226.D
Acq: 15 Apr 2016 19:48

Tgt Ion:	82	Resp:	293699
Ion	Ratio	Lower	Upper
82	100		
128	39.4	35.4	53.2
54	48.5	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: BF086226.D

Acq: 15 Apr 2016 19:48

Instrument :

BNA_F

ClientSampleId :

GW-01S-4-7-16

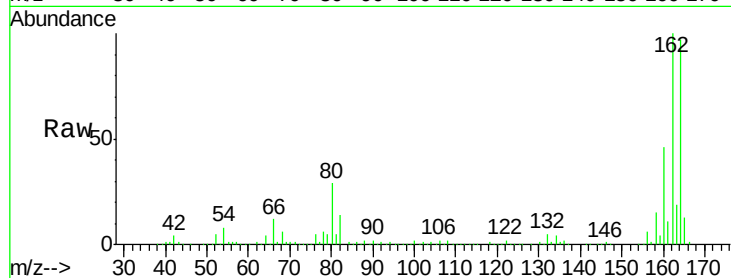
Tgt Ion:164 Resp: 508204

Ion Ratio Lower Upper

164 100

162 103.0 82.8 124.2

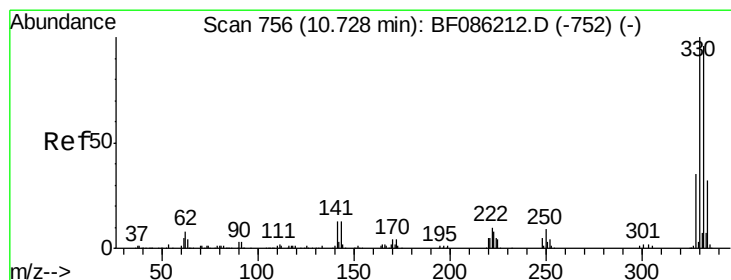
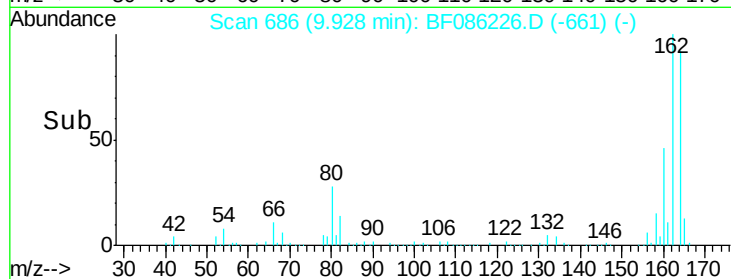
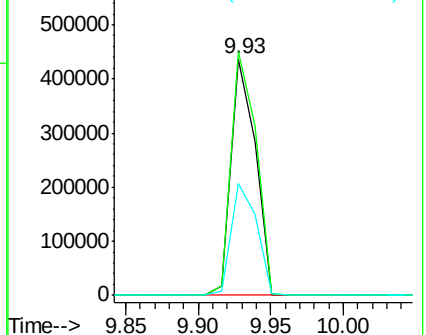
160 47.4 38.9 58.3



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: 18.65 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086226.D

Acq: 15 Apr 2016 19:48

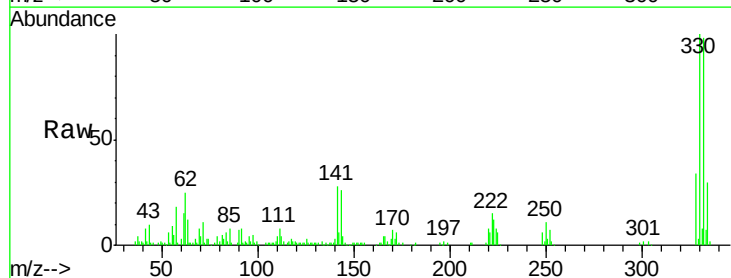
Tgt Ion:330 Resp: 76097

Ion Ratio Lower Upper

330 100

332 98.7 78.7 118.1

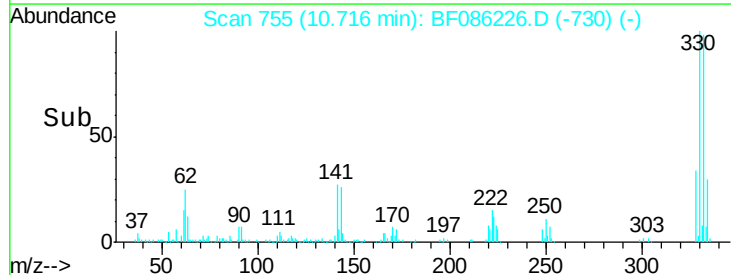
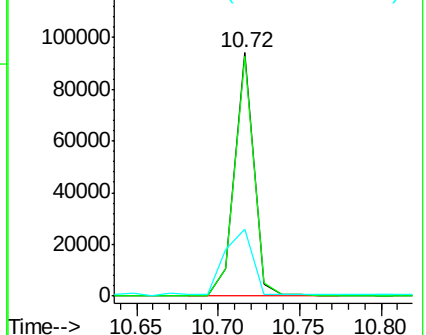
141 41.0 28.6 42.8

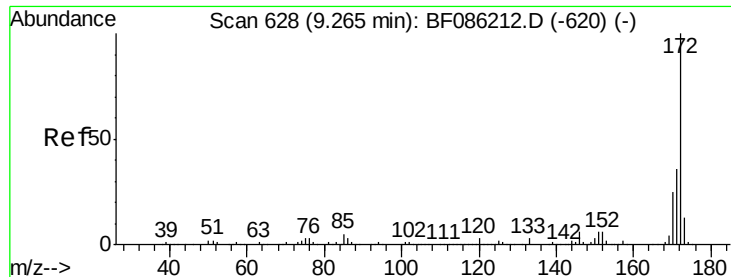


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

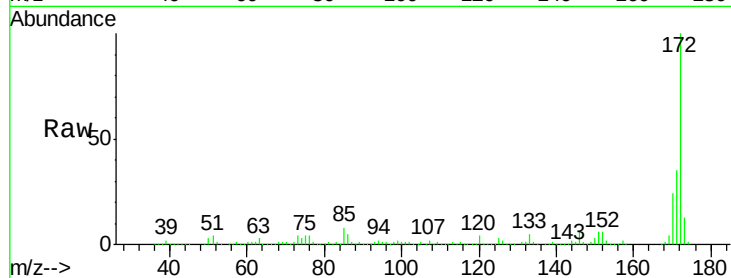




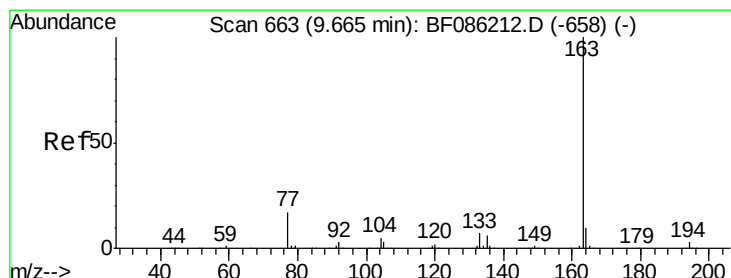
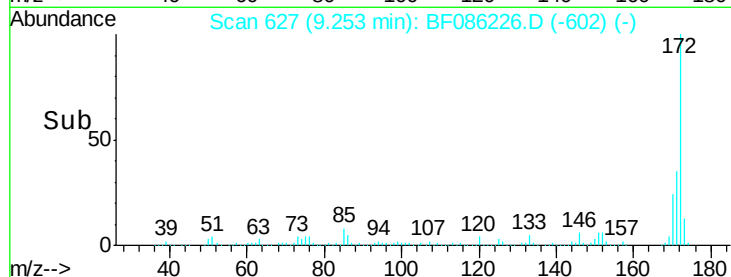
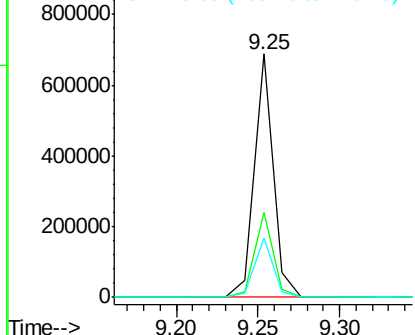
#44
2-Fluorobiphenyl
Concen: 20.09 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF086226.D
Acq: 15 Apr 2016 19:48

Instrument :
BNA_F
ClientSampleId :
GW-01S-4-7-16

Tgt Ion:172 Resp: 553418
Ion Ratio Lower Upper
172 100
171 35.0 29.1 43.7
170 24.2 19.9 29.9

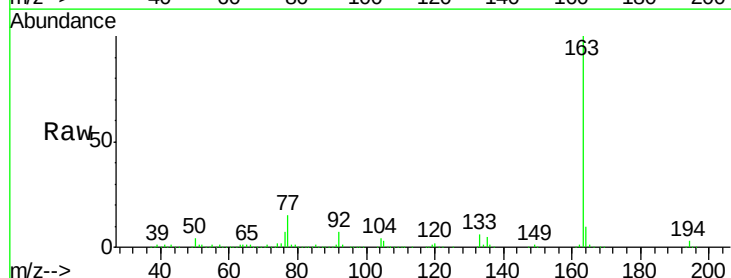


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

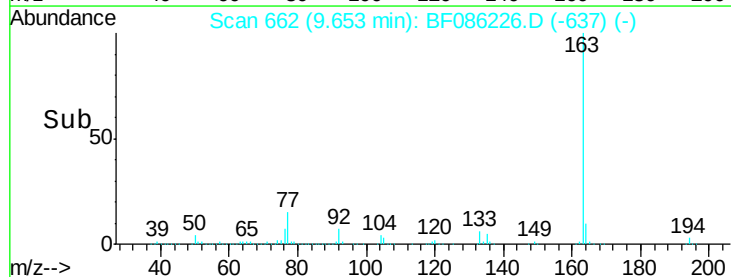
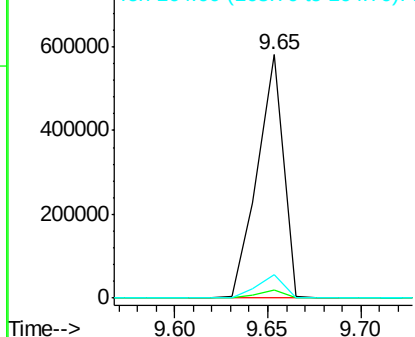


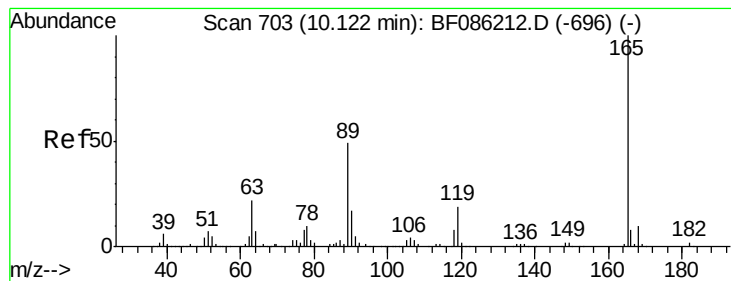
#49
Dimethylphthalate
Concen: 15.14 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF086226.D
Acq: 15 Apr 2016 19:48

Tgt Ion:163 Resp: 559441
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





#56

2,4-Dinitrotoluene

Concen: 6.32 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.19 min

Lab File: BF086226.D

Acq: 15 Apr 2016 19:48

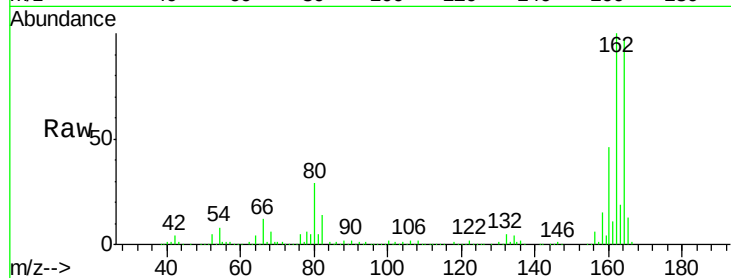
Instrument :

BNA_F

ClientSampleId :

GW-01S-4-7-16

Tgt Ion:165	Resp:	66165
Ion Ratio	Lower	Upper
165	100	
63	1.3	26.6 40.0#
89	1.9	49.5 74.3#
182	0.0	1.9 2.9#

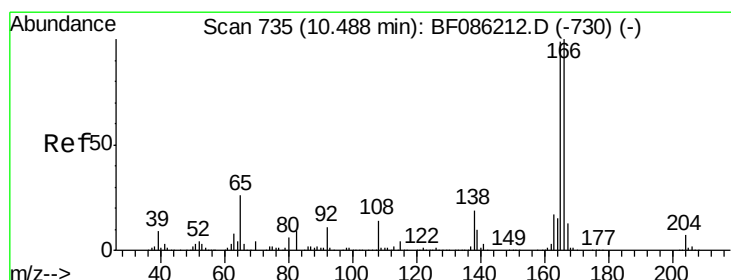
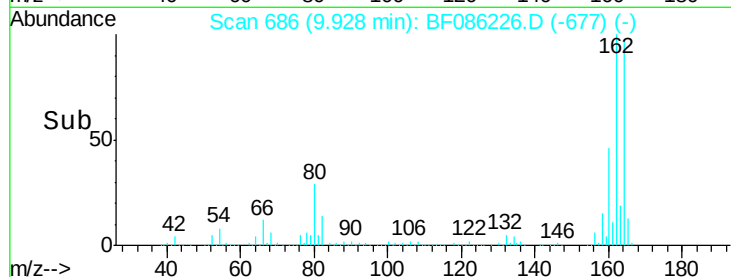
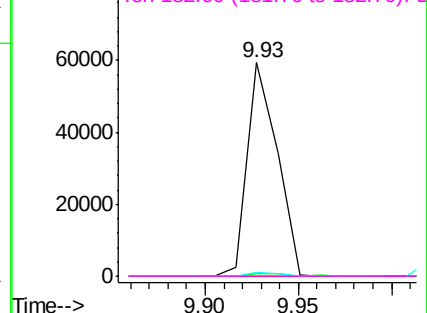


Abundance Ion 165.00 (164.70 to 165.70): E

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: Below Cal

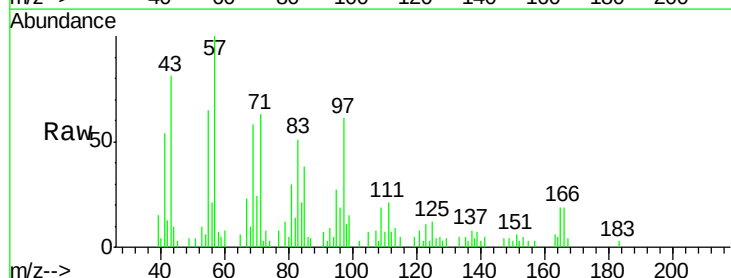
RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF086226.D

Acq: 15 Apr 2016 19:48

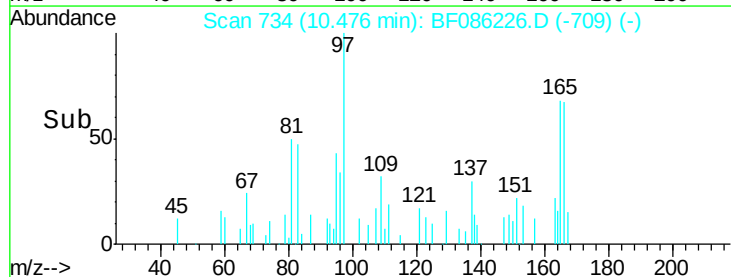
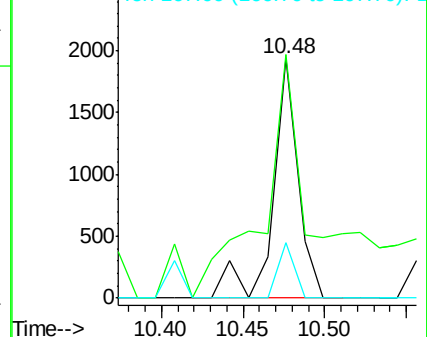
Tgt Ion:166	Resp:	2080
Ion Ratio	Lower	Upper
166	100	
165	101.5	78.6 117.8
167	23.1	10.4 15.6#

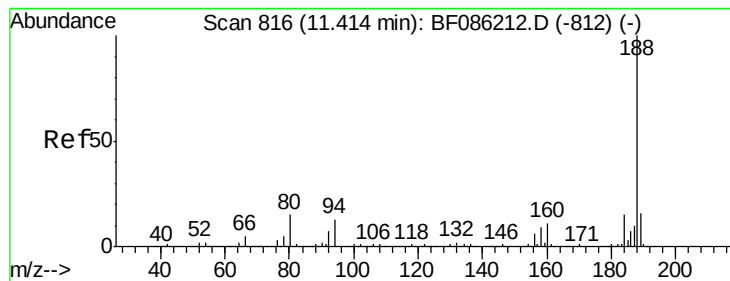


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF086226.D

Acq: 15 Apr 2016 19:48

Instrument :

BNA_F

ClientSampleId :

GW-01S-4-7-16

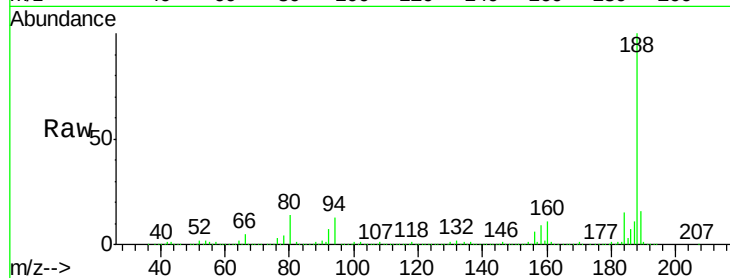
Tgt Ion:188 Resp: 890921

Ion Ratio Lower Upper

188 100

94 12.6 9.8 14.8

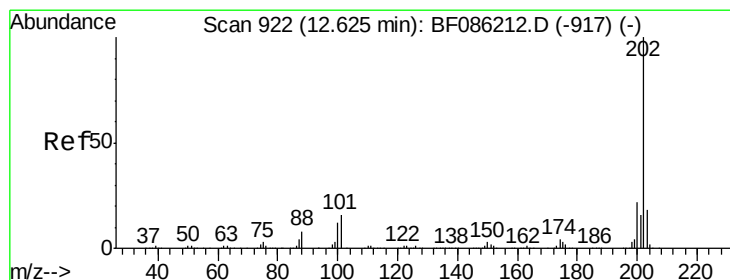
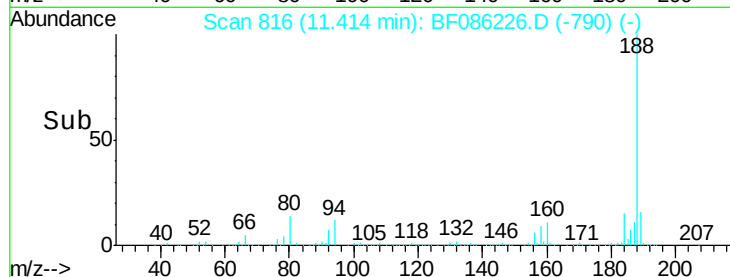
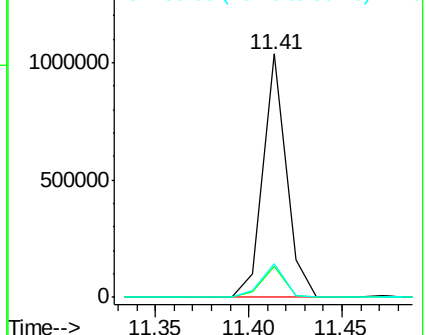
80 13.9 10.5 15.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#74

Fluoranthene

Concen: Below Cal

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086226.D

Acq: 15 Apr 2016 19:48

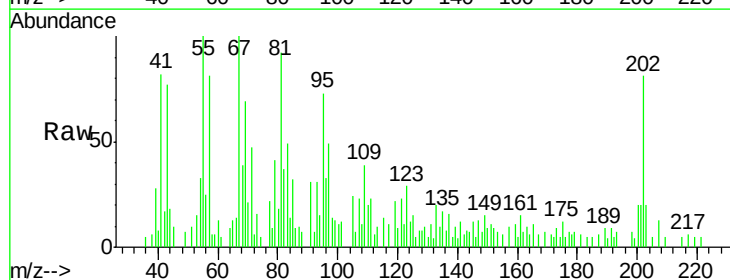
Tgt Ion:202 Resp: 6844

Ion Ratio Lower Upper

202 100

101 15.0 0.0 35.2

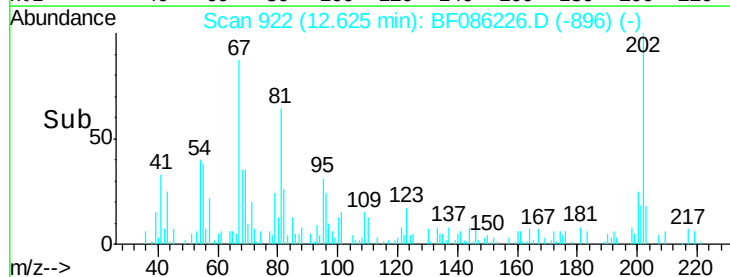
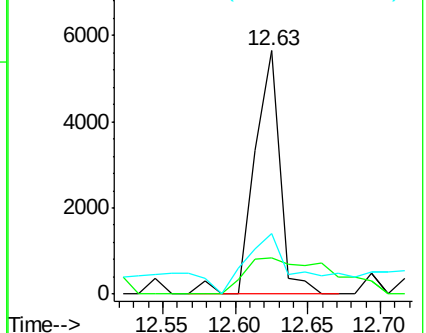
203 24.8 0.0 38.2

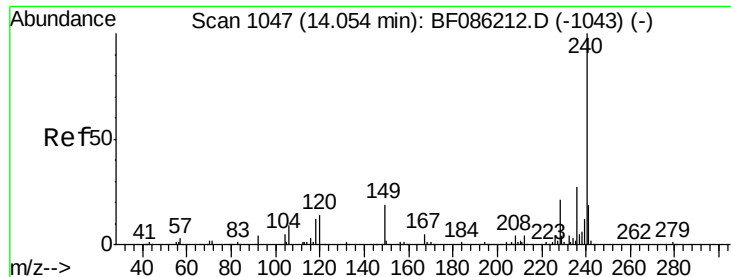


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086226.D

Acq: 15 Apr 2016 19:48

Instrument :

BNA_F

ClientSampleId :

GW-01S-4-7-16

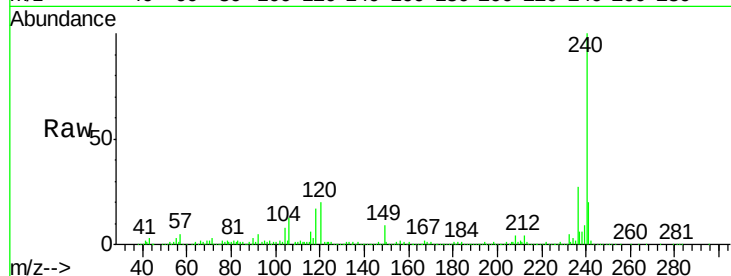
Tgt Ion:240 Resp: 600770

Ion Ratio Lower Upper

240 100

120 19.6 9.3 13.9#

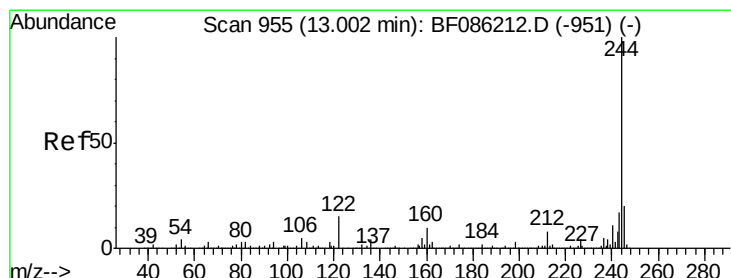
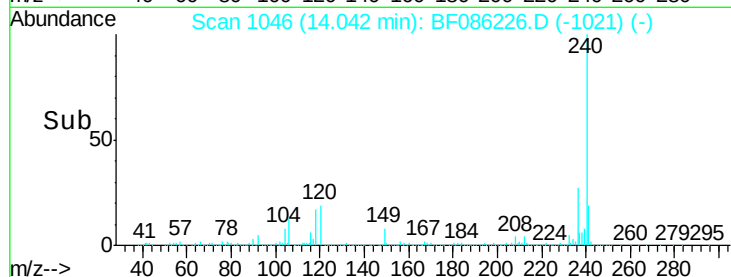
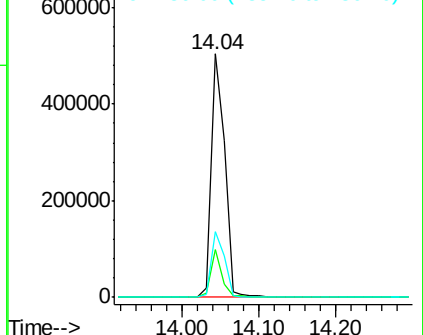
236 26.9 21.1 31.7



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: 17.95 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086226.D

Acq: 15 Apr 2016 19:48

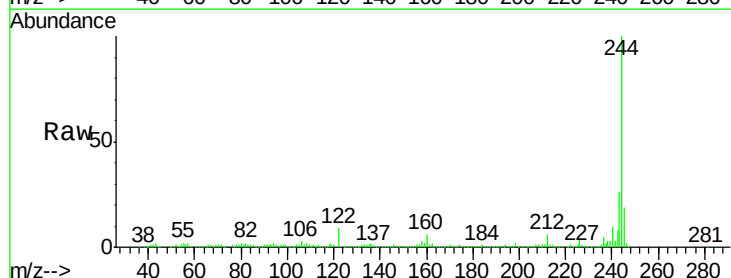
Tgt Ion:244 Resp: 428951

Ion Ratio Lower Upper

244 100

212 6.4 6.4 9.6#

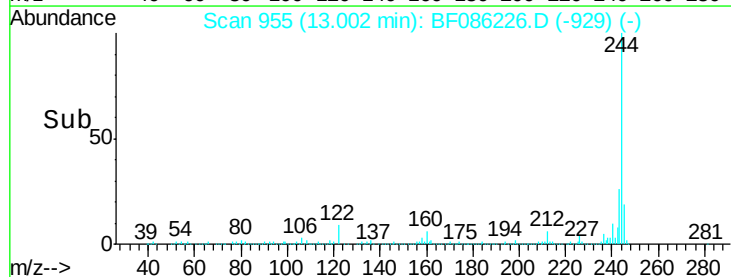
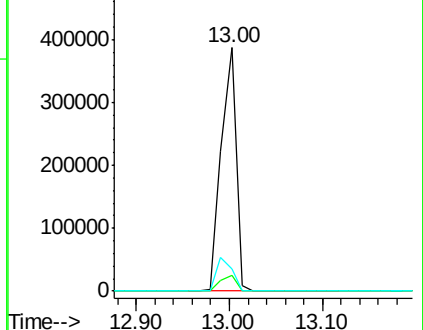
122 9.1 11.7 17.5#

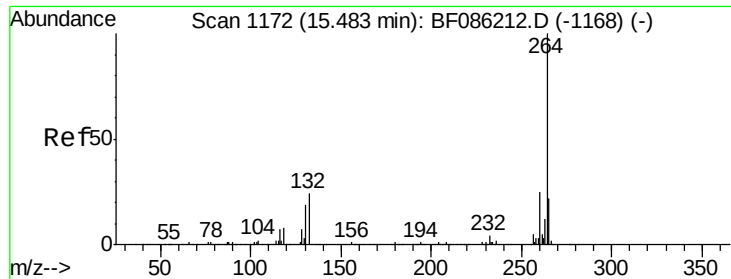


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086226.D
Acq: 15 Apr 2016 19:48

Instrument :
BNA_F
ClientSampleId :
GW-01S-4-7-16

Tgt Ion: 264 Resp: 457178

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.0	30.0
265	21.2	17.4	26.0

