

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
 Data File : BG023860.D
 Acq On : 23 Aug 2016 19:26
 Operator : UM/SJ
 Sample : H4556-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-01

Quant Time: Aug 24 01:48:25 2016
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	97740	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	401765	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	268637	20.00	ng	-0.02
63) Phenanthrene-d10	17.52	188	634460	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	679170	20.00	ng	-0.02
86) Perylene-d12	25.21	264	658073	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	366245	63.07	ng	-0.03
7) Phenol-d6	7.25	99	326520	36.10	ng	-0.03
23) Nitrobenzene-d5	9.27	82	833110	103.09	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	494218	125.78	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1632620	102.51	ng	-0.02
78) Terphenyl-d14	20.13	244	2352776	115.21	ng	-0.02

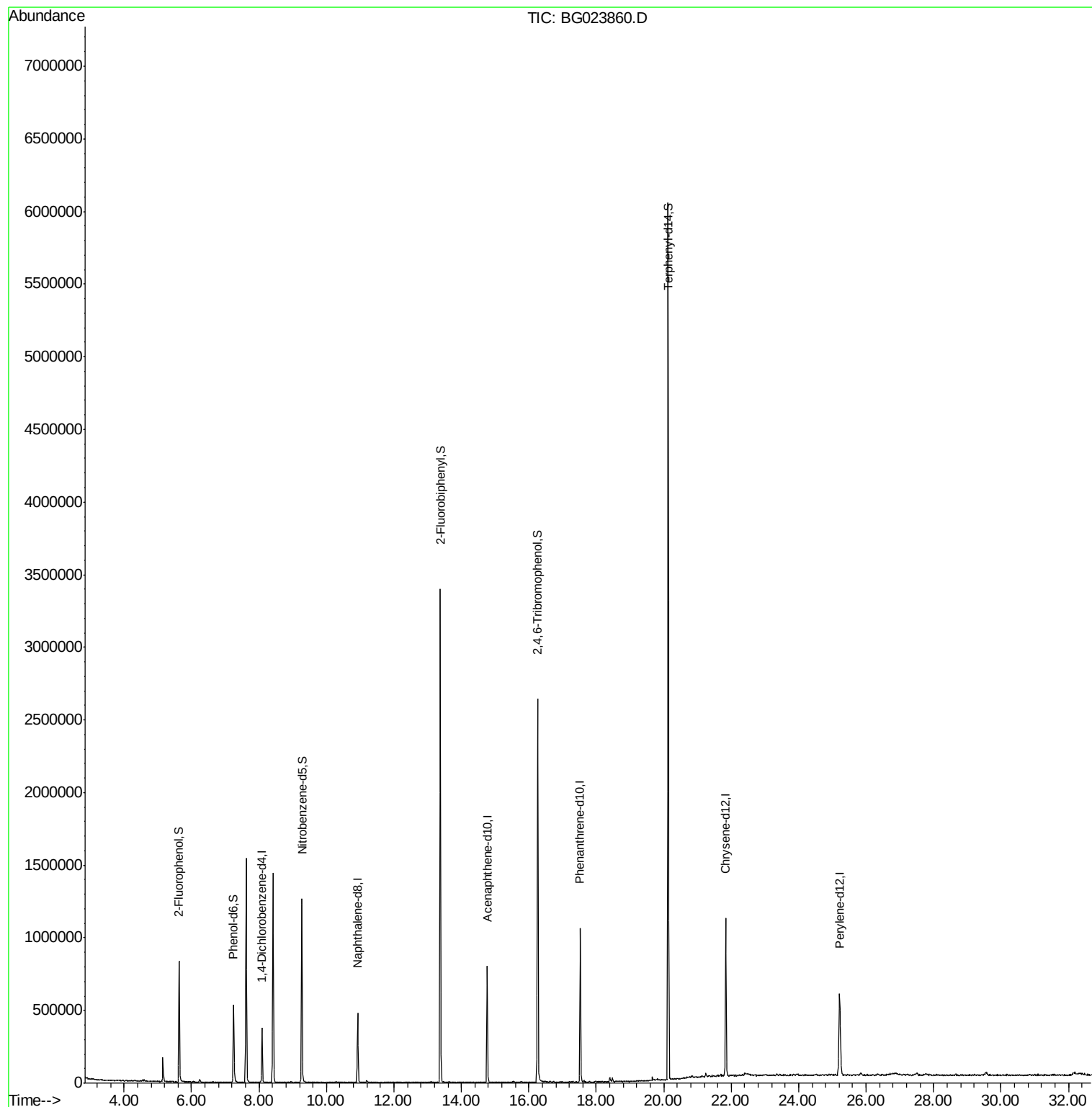
Target Compounds Qvalue

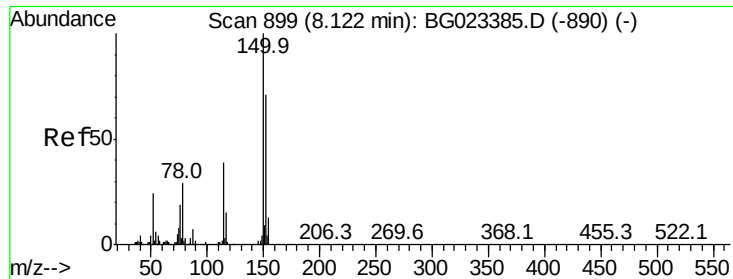
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023860.D
Acq On : 23 Aug 2016 19:26
Operator : UM/SJ
Sample : H4556-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB-01

Quant Time: Aug 24 01:48:25 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.03 min

Lab File: BG023860.D

Acq: 23 Aug 2016 19:26

Instrument :

BNA_G

ClientSampleId :

EB-01

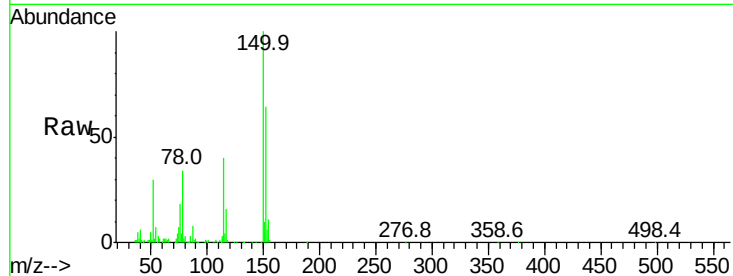
Tot Ion:152 Resp: 97740

Ion Ratio Lower Upper

152 100

150 155.1 144.7 217.1

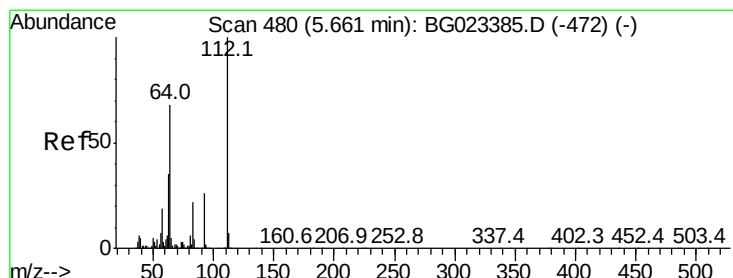
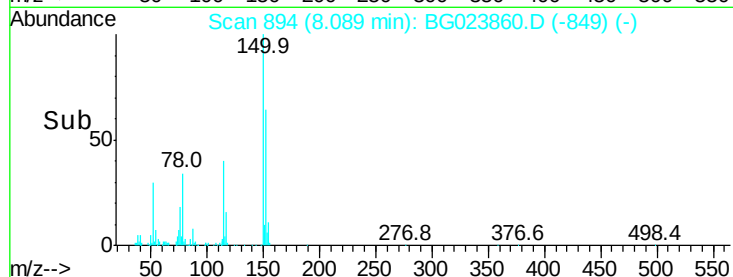
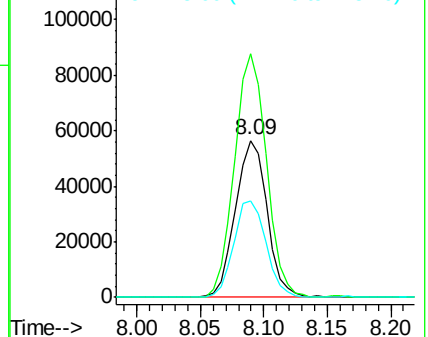
115 61.7 64.0 96.0#



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: 63.07 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.03 min

Lab File: BG023860.D

Acq: 23 Aug 2016 19:26

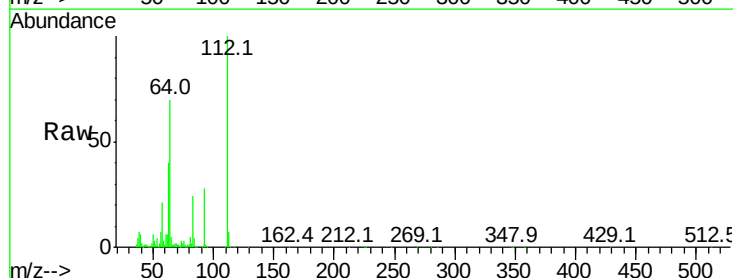
Tgt Ion:112 Resp: 366245

Ion Ratio Lower Upper

112 100

64 70.1 59.0 88.4

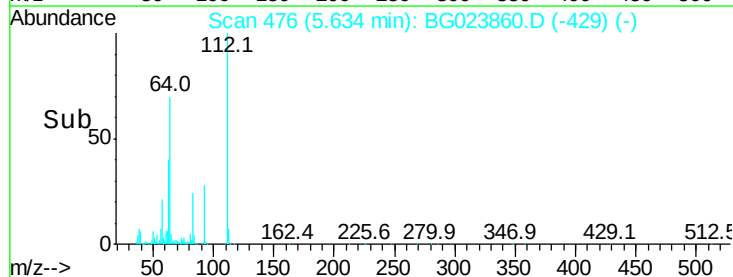
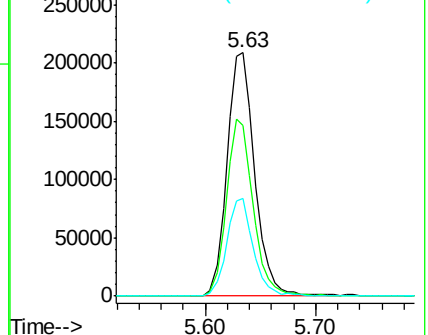
63 40.1 37.8 56.8

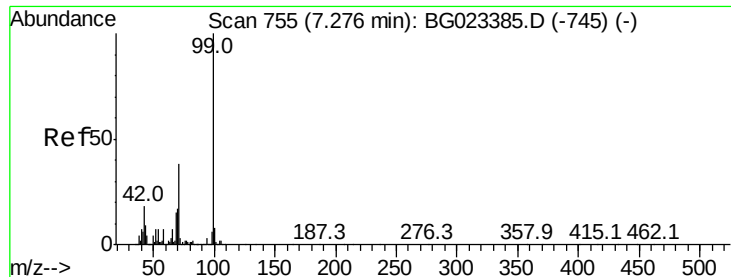


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 36.10 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023860.D

Acq: 23 Aug 2016 19:26

Instrument :

BNA_G

ClientSampleId :

EB-01

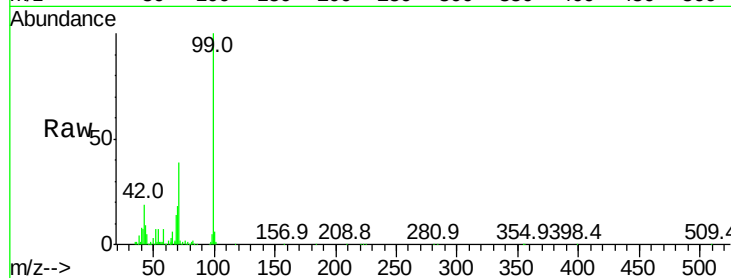
Tot Ion: 99 Resp: 326520

Ion Ratio Lower Upper

99 100

42 19.1 17.8 26.6

71 39.4 41.5 62.3#

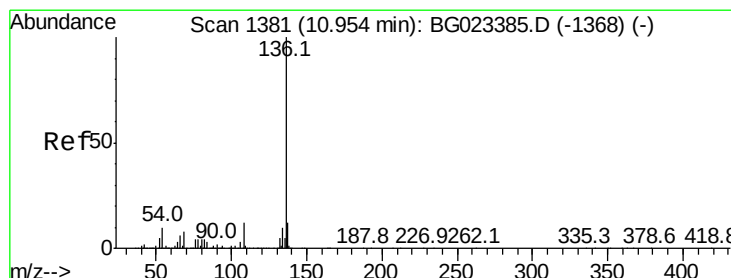
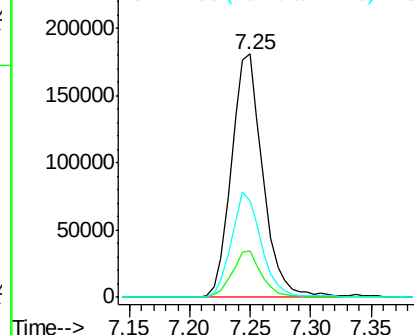
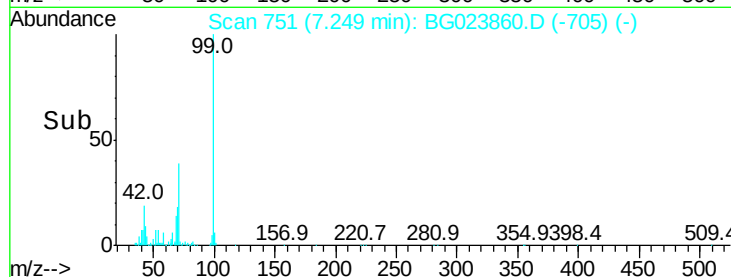


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.03 min

Lab File: BG023860.D

Acq: 23 Aug 2016 19:26

Tgt Ion: 136 Resp: 401765

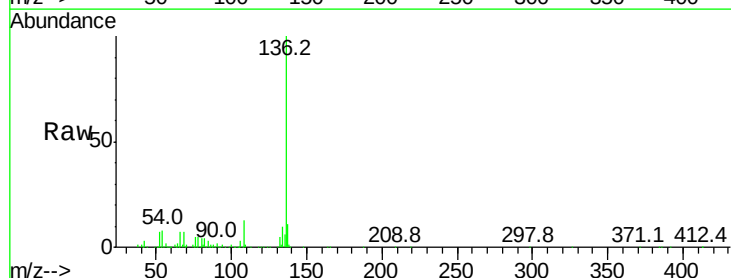
Ion Ratio Lower Upper

136 100

137 10.8 9.6 14.4

54 8.0 7.3 10.9

68 7.3 5.3 7.9



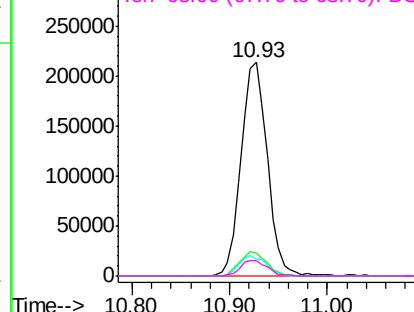
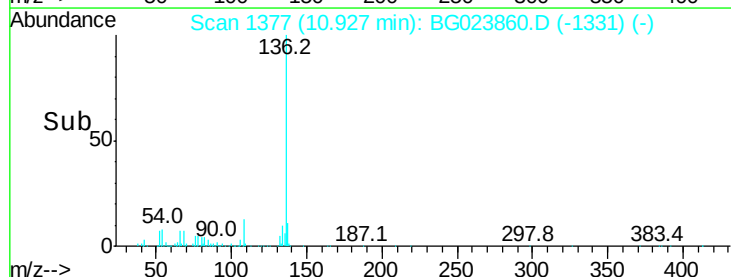
Abundance

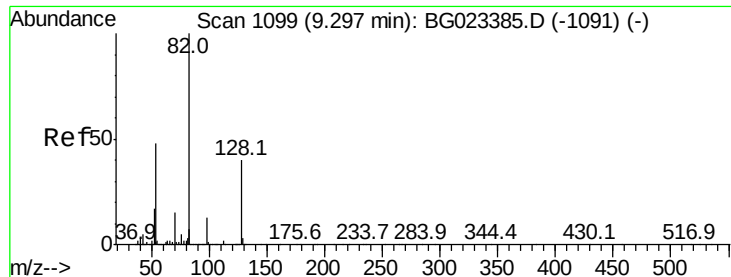
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

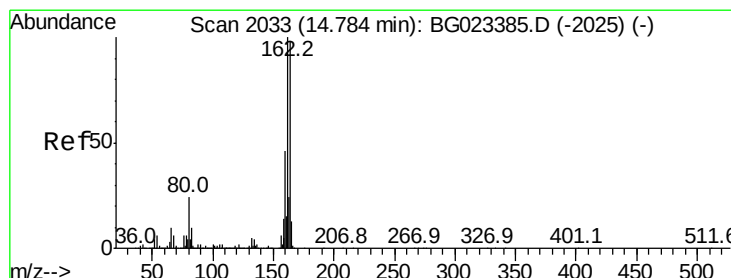
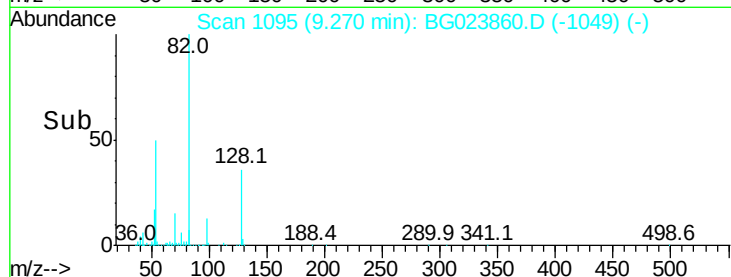
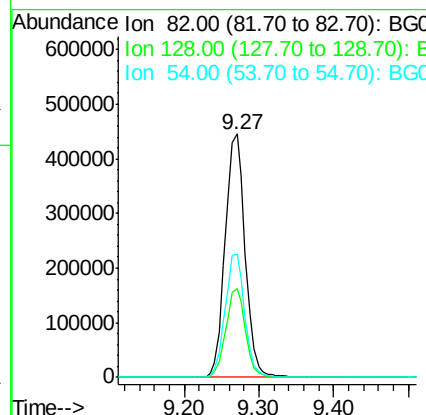
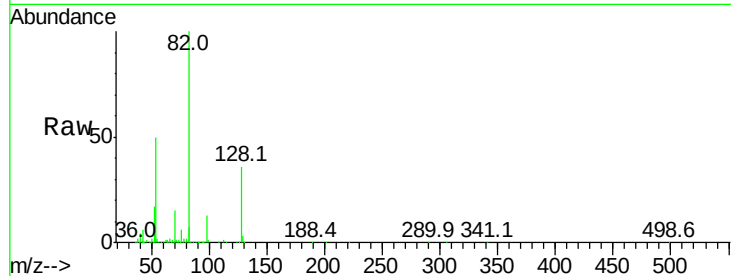




#23
 Nitrobenzene-d5
 Concen: 103.09 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023860.D
 Acq: 23 Aug 2016 19:26

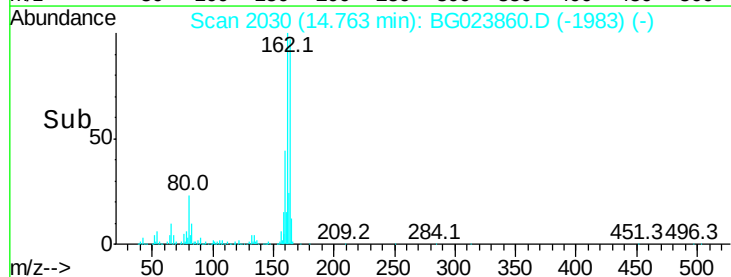
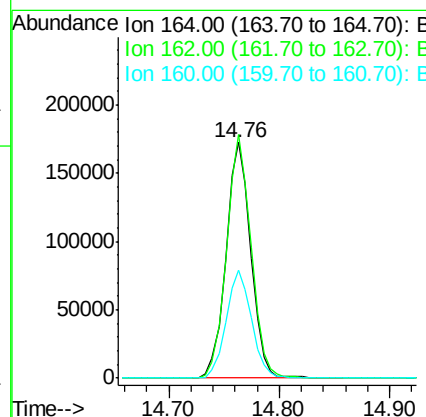
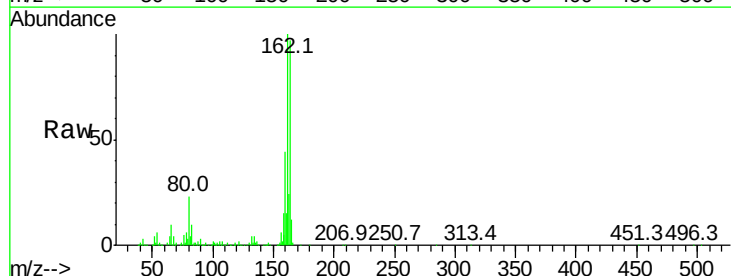
Instrument :
 BNA_G
 ClientSampled :
 EB-01

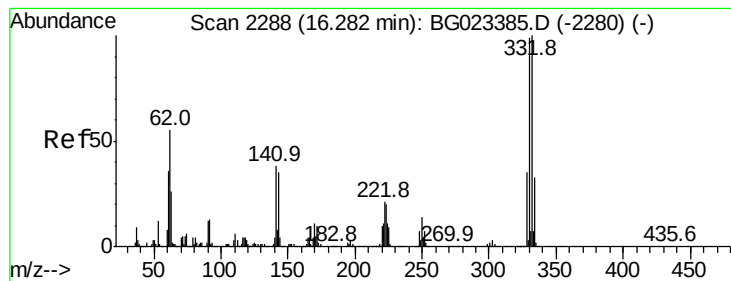
Tot Ion	82	Resp	833110
Ion Ratio	Lower	Upper	
82	100		
128	36.4	24.4	36.6
54	50.5	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BG023860.D
 Acq: 23 Aug 2016 19:26

Tgt Ion	164	Resp	268637
Ion Ratio	Lower	Upper	
164	100		
162	103.3	87.7	131.5
160	45.8	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 125.78 ng

RT: 16.26 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BG023860.D

Acq: 23 Aug 2016 19:26

Instrument :

BNA_G

ClientSampleId :

EB-01

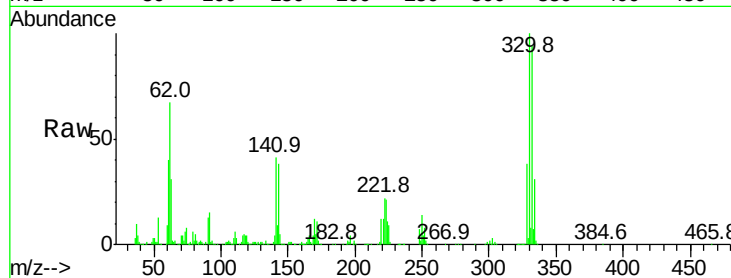
Tot Ion:330 Resp: 494218

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

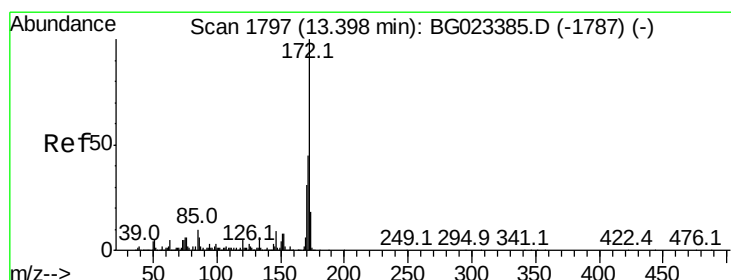
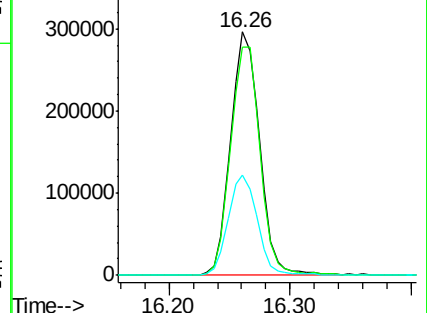
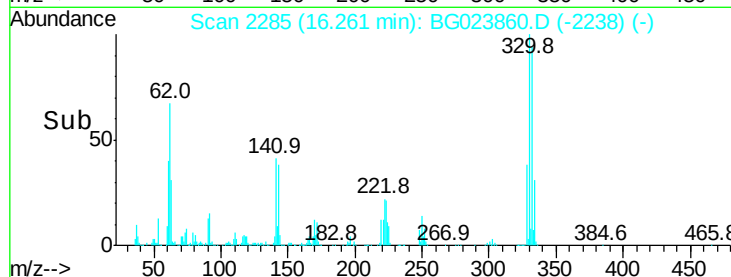
141 41.5 31.7 47.5



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: 102.51 ng

RT: 13.38 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BG023860.D

Acq: 23 Aug 2016 19:26

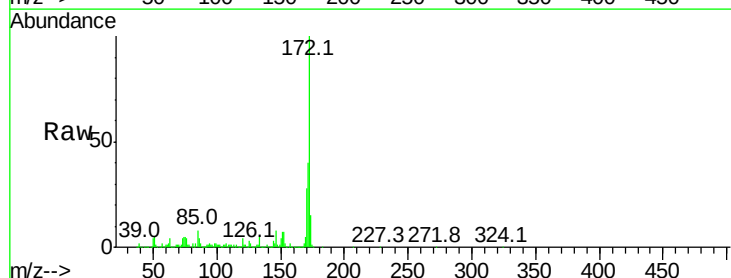
Tgt Ion:172 Resp: 1632620

Ion Ratio Lower Upper

172 100

171 40.2 31.6 47.4

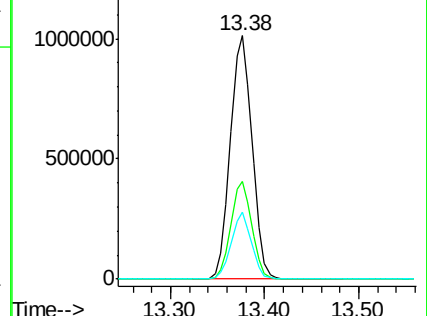
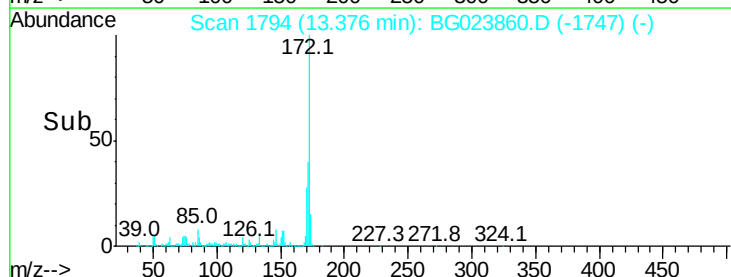
170 27.5 21.3 31.9

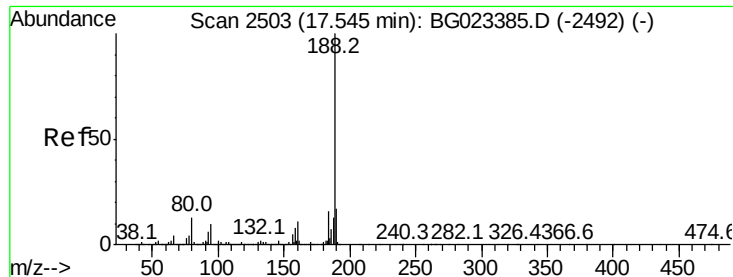


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.52 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG023860.D

Acq: 23 Aug 2016 19:26

Instrument :

BNA_G

ClientSampled :

EB-01

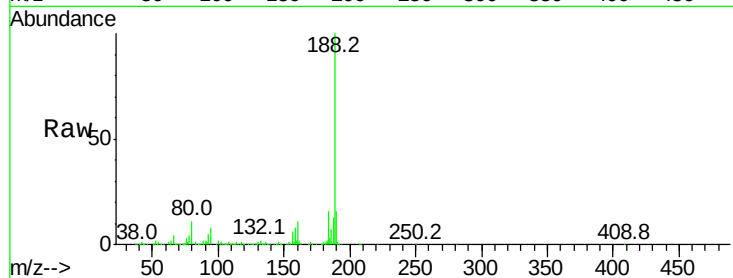
Tot Ion:188 Resp: 634460

Ion Ratio Lower Upper

188 100

94 8.2 5.2 7.8#

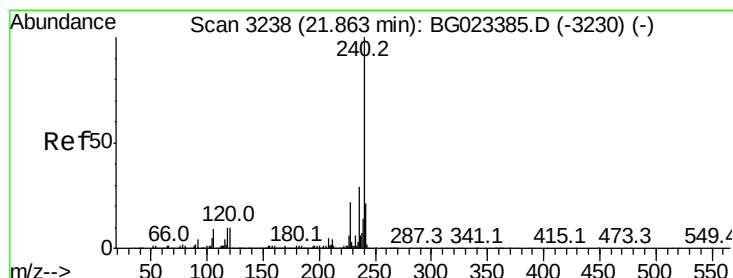
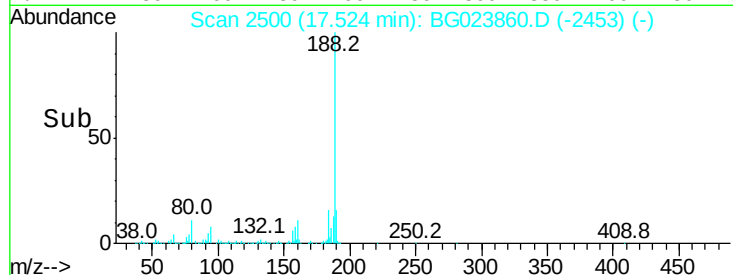
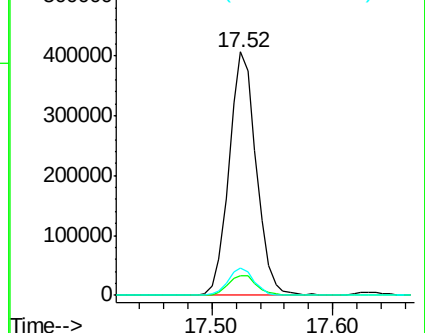
80 11.1 7.2 10.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG023860.D

Acq: 23 Aug 2016 19:26

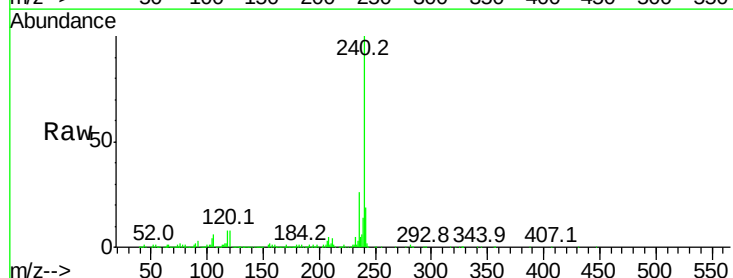
Tgt Ion:240 Resp: 679170

Ion Ratio Lower Upper

240 100

120 7.9 4.1 6.1#

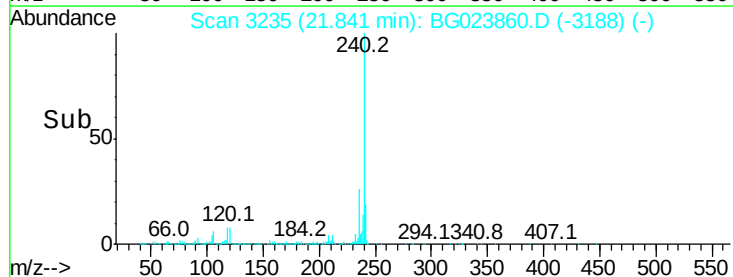
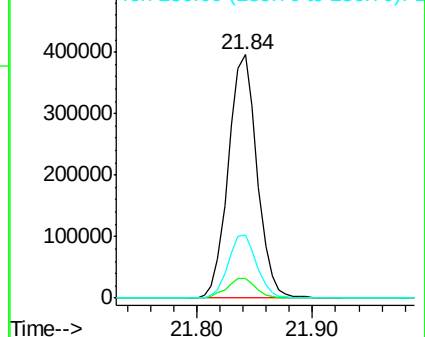
236 26.1 21.1 31.7

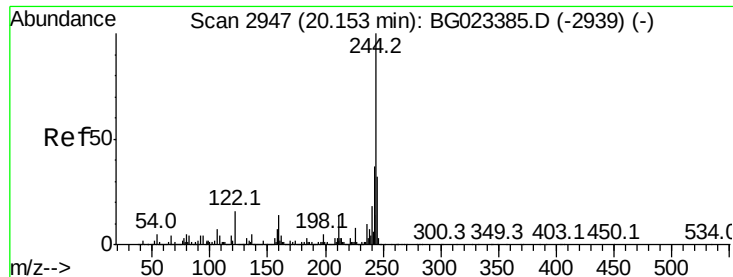


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 115.21 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG023860.D

Acq: 23 Aug 2016 19:26

Instrument :

BNA_G

ClientSampled :

EB-01

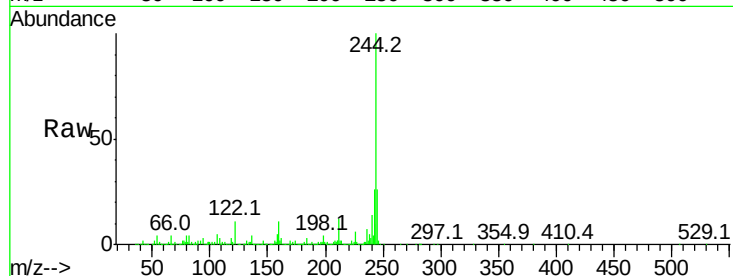
Tot Ion:244 Resp: 2352776

Ion Ratio Lower Upper

244 100

212 11.6 10.8 16.2

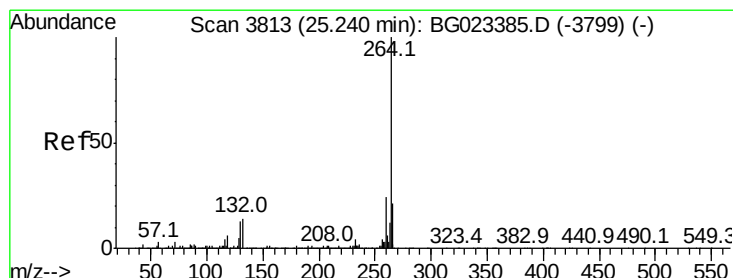
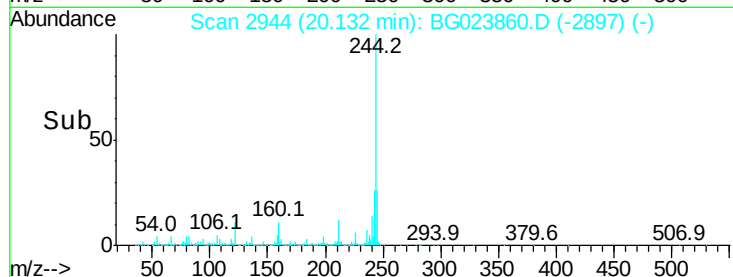
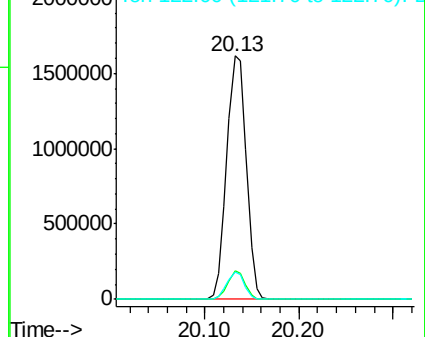
122 11.2 8.0 12.0



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: 25.21 min Scan# 3809

Delta R.T. -0.03 min

Lab File: BG023860.D

Acq: 23 Aug 2016 19:26

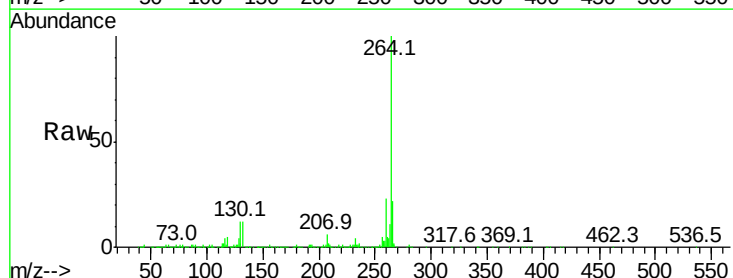
Tgt Ion:264 Resp: 658073

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 21.7 18.9 28.3



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

