

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
 Data File : BG022447.D
 Acq On : 19 Jun 2016 6:39
 Operator : UM/SJ
 Sample : H3607-02
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PO-004

Quant Time: Jun 20 01:29:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	34374	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	159305	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	87020	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	162030	20.00	ng	-0.04
75) Chrysene-d12	21.70	240	113880	20.00	ng	-0.04
86) Perylene-d12	24.95	264	83655	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	118215	66.49	ng	-0.03
7) Phenol-d6	7.23	99	106759	38.19	ng	-0.02
23) Nitrobenzene-d5	9.23	82	216113	94.58	ng	-0.03
41) 2,4,6-Tribromophenol	16.18	330	98656	100.33	ng	-0.03
44) 2-Fluorobiphenyl	13.31	172	566029	99.13	ng	-0.03
78) Terphenyl-d14	20.02	244	457980	95.48	ng	-0.03

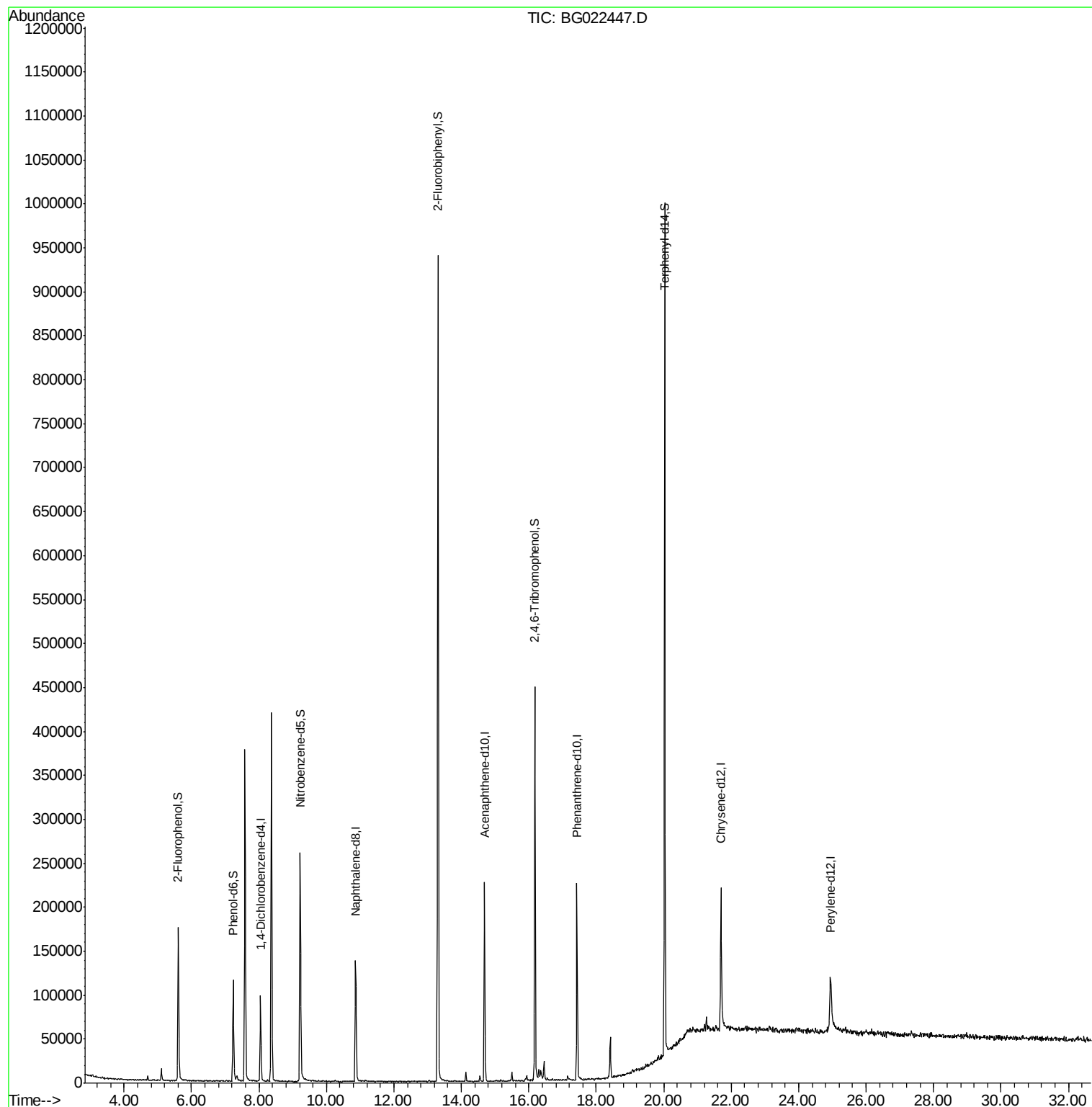
Target Compounds	Qvalue
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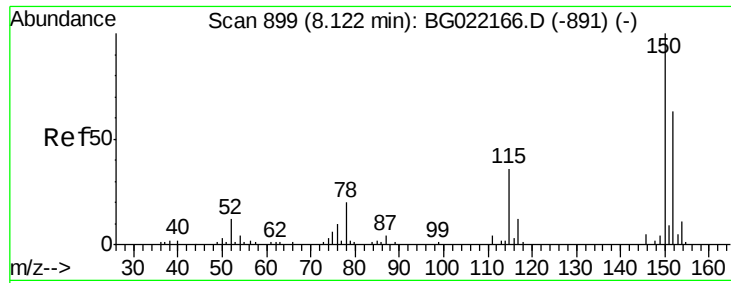
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 886

Delta R.T. -0.05 min

Lab File: BG022447.D

Acq: 19 Jun 2016 6:39

Instrument :

BNA_G

ClientSampleId :

PO-004

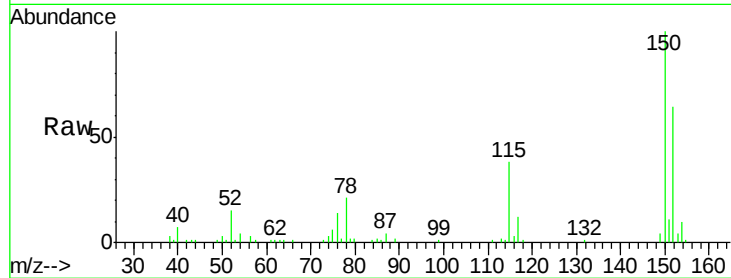
Tgt Ion:152 Resp: 34374

Ion Ratio Lower Upper

152 100

150 156.5 130.1 195.1

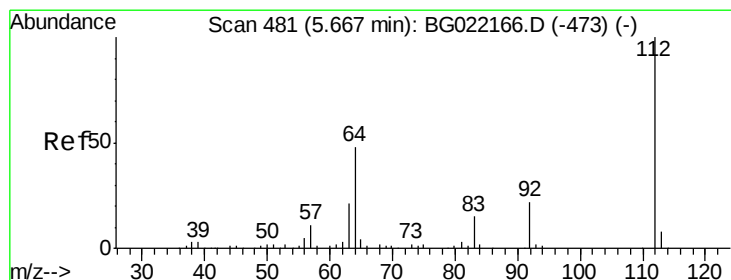
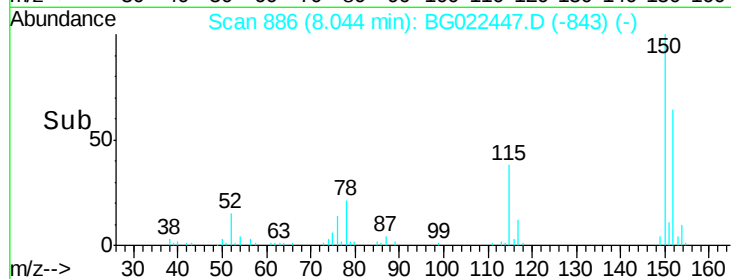
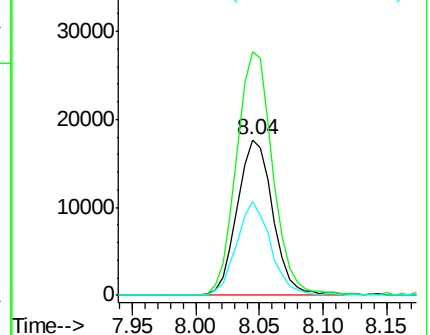
115 60.1 62.2 93.2#



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: 66.49 ng

RT: 5.61 min Scan# 471

Delta R.T. -0.03 min

Lab File: BG022447.D

Acq: 19 Jun 2016 6:39

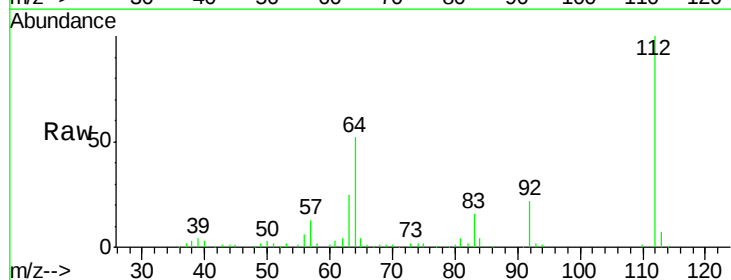
Tgt Ion:112 Resp: 118215

Ion Ratio Lower Upper

112 100

64 52.1 51.1 76.7

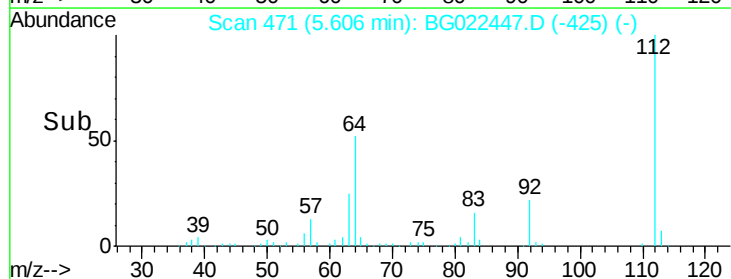
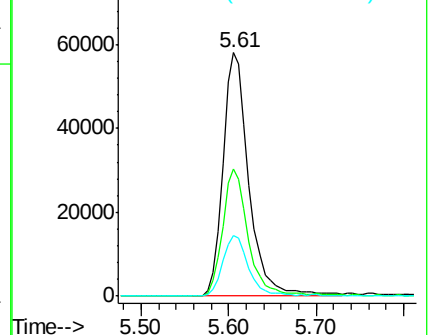
63 25.1 24.6 37.0

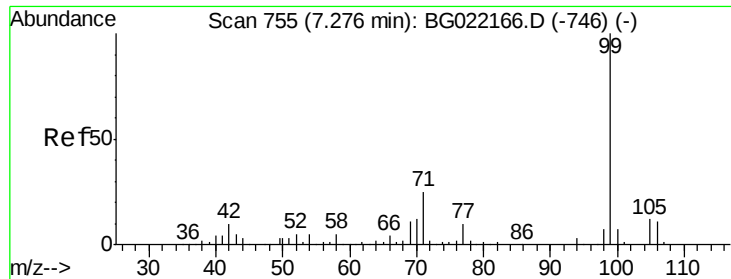


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.19 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022447.D

Acq: 19 Jun 2016 6:39

Instrument :

BNA_G

ClientSampleId :

PO-004

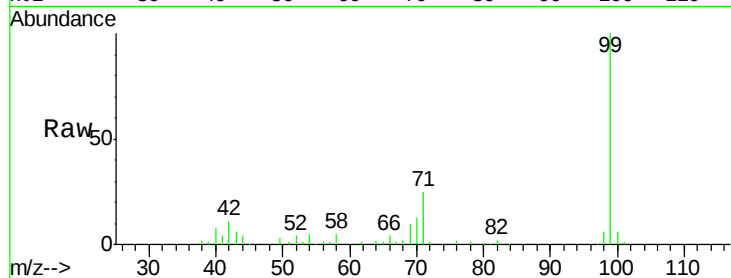
Tgt Ion: 99 Resp: 106759

Ion Ratio Lower Upper

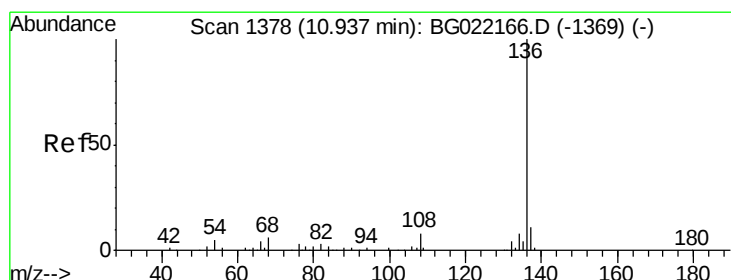
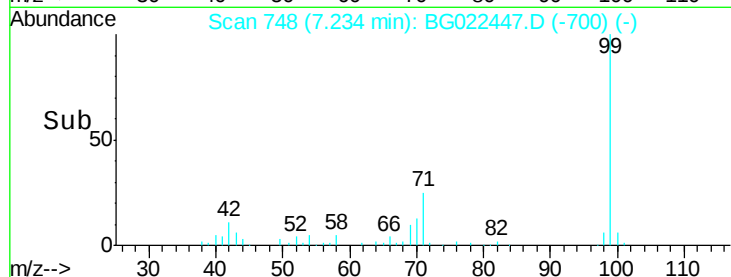
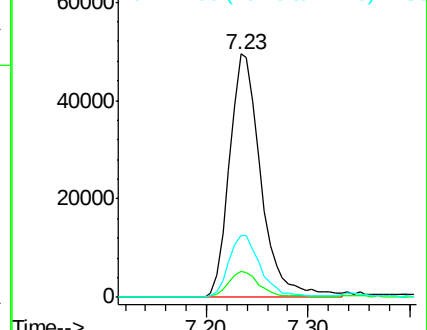
99 100

42 10.6 16.4 24.6#

71 25.5 25.0 37.4



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: 10.86 min Scan# 1366

Delta R.T. -0.04 min

Lab File: BG022447.D

Acq: 19 Jun 2016 6:39

Tgt Ion: 136 Resp: 159305

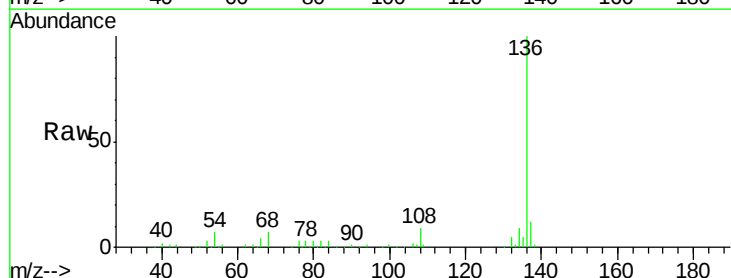
Ion Ratio Lower Upper

136 100

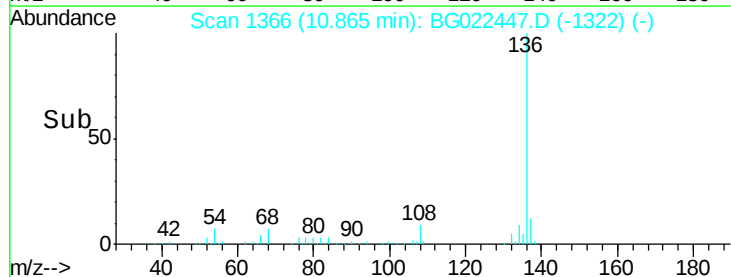
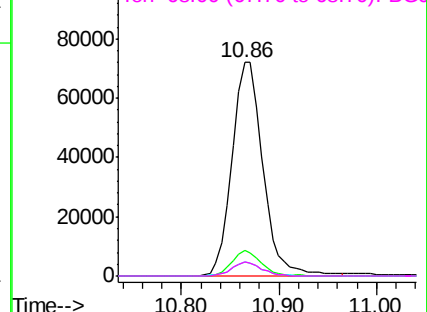
137 11.8 9.0 13.4

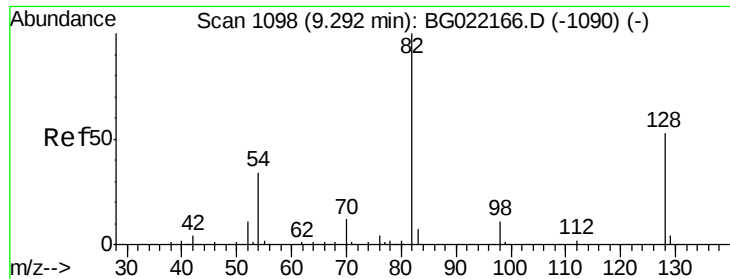
54 6.5 9.6 14.4#

68 6.6 6.4 9.6



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

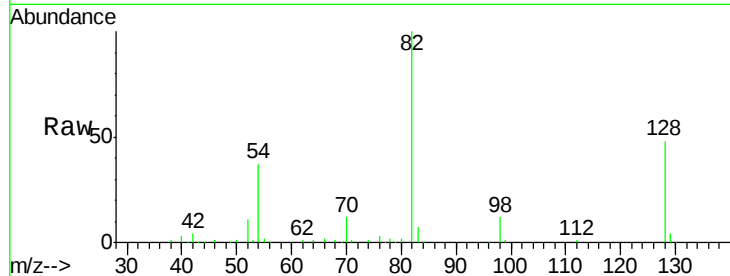




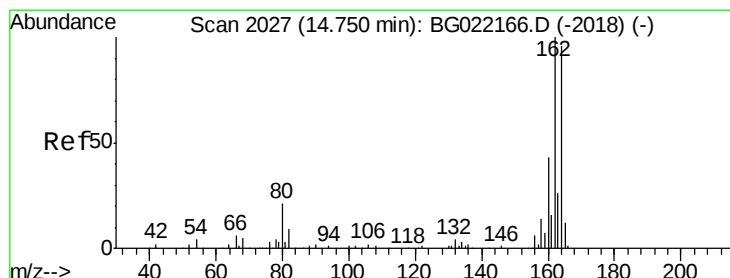
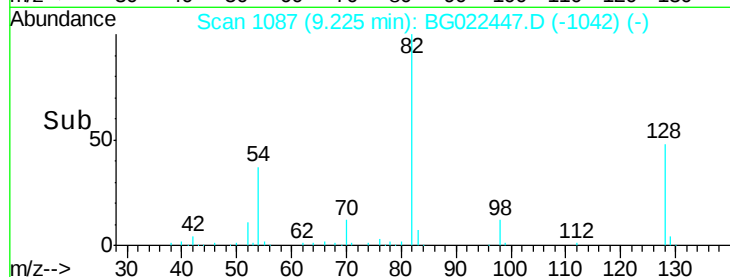
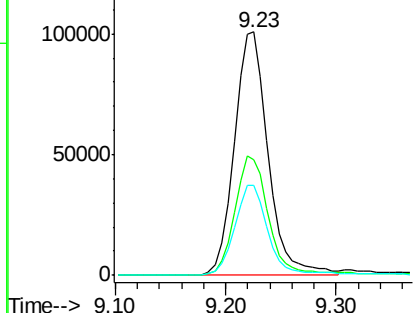
#23
Nitrobenzene-d5
Concen: 94.58 ng
RT: 9.23 min Scan# 1087
Delta R.T. -0.03 min
Lab File: BG022447.D
Acq: 19 Jun 2016 6:39

Instrument :
BNA_G
ClientSampleId :
PO-004

Tgt Ion: 82 Resp: 216113
Ion Ratio Lower Upper
82 100
128 47.6 33.4 50.0
54 36.7 46.1 69.1#

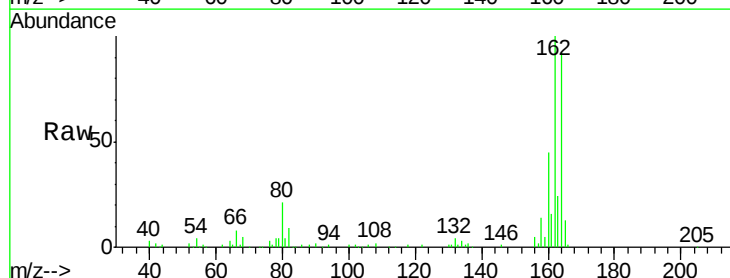


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

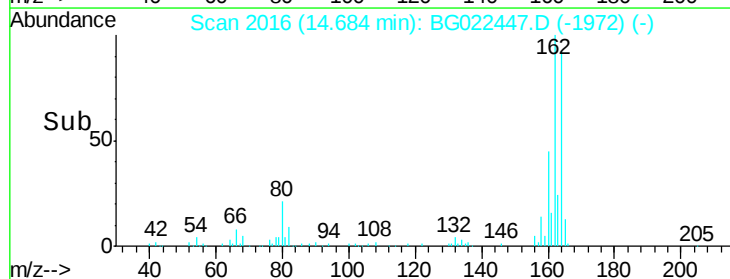
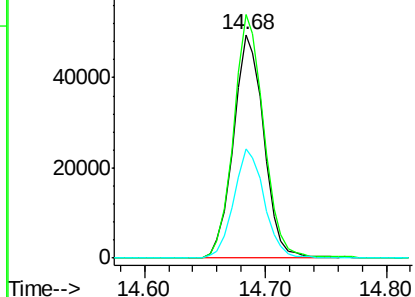


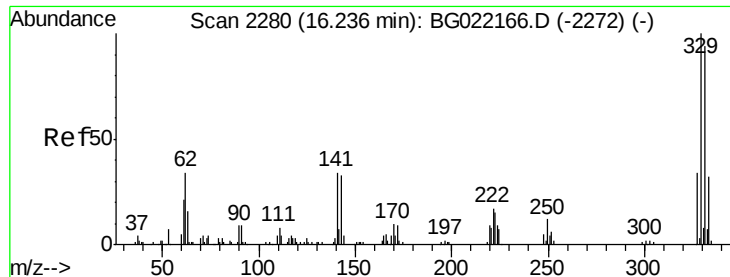
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 2016
Delta R.T. -0.04 min
Lab File: BG022447.D
Acq: 19 Jun 2016 6:39

Tgt Ion: 164 Resp: 87020
Ion Ratio Lower Upper
164 100
162 109.1 78.0 117.0
160 48.8 32.9 49.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

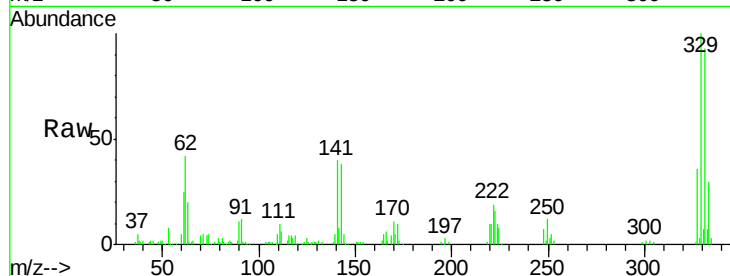




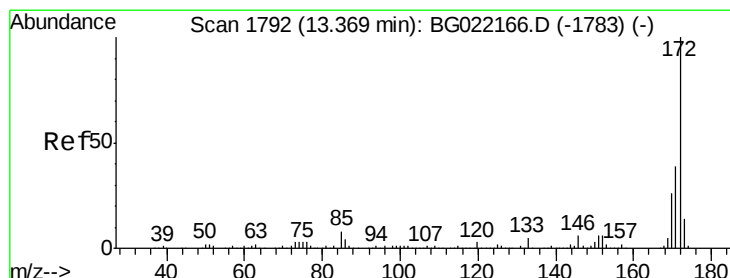
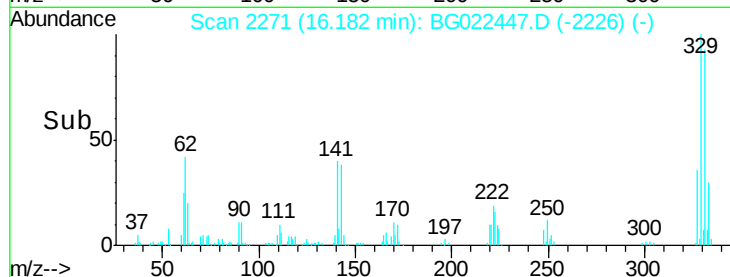
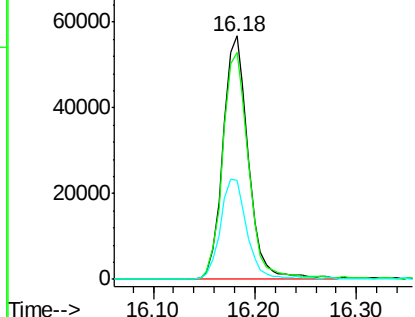
#41
 2,4,6-Tribromophenol
 Concen: 100.33 ng
 RT: 16.18 min Scan# 2271
 Delta R.T. -0.03 min
 Lab File: BG022447.D
 Acq: 19 Jun 2016 6:39

Instrument :
 BNA_G
 ClientSampleId :
 PO-004

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	42.6	33.8	50.8

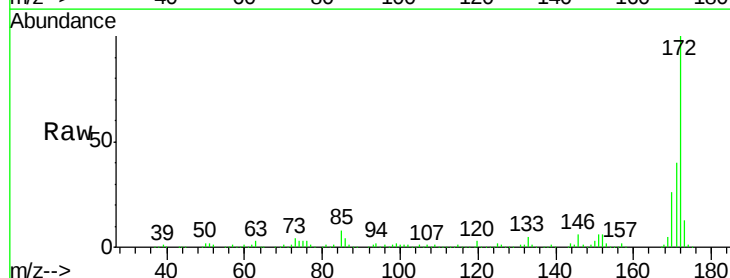


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

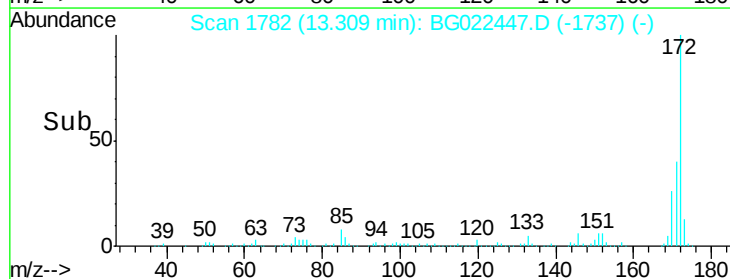
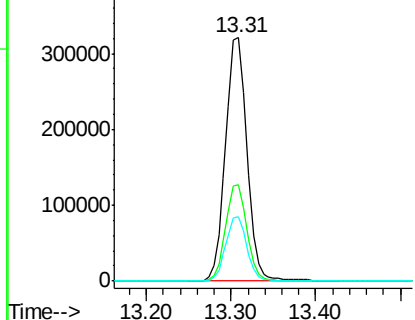


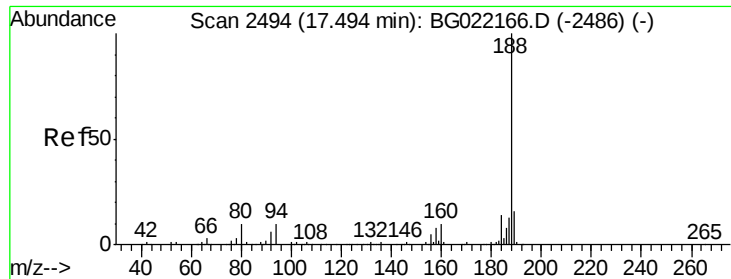
#44
 2-Fluorobiphenyl
 Concen: 99.13 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG022447.D
 Acq: 19 Jun 2016 6:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	27.8	41.6
170	26.4	19.6	29.4



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: 17.43 min Scan# 2483

Delta R.T. -0.04 min

Lab File: BG022447.D

Acq: 19 Jun 2016 6:39

Instrument :

BNA_G

ClientSampleId :

PO-004

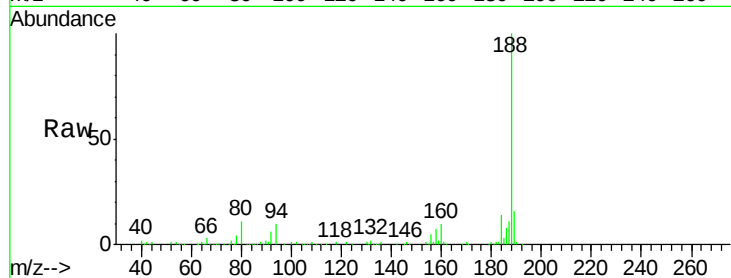
Tgt Ion:188 Resp: 162030

Ion Ratio Lower Upper

188 100

94 10.1 7.5 11.3

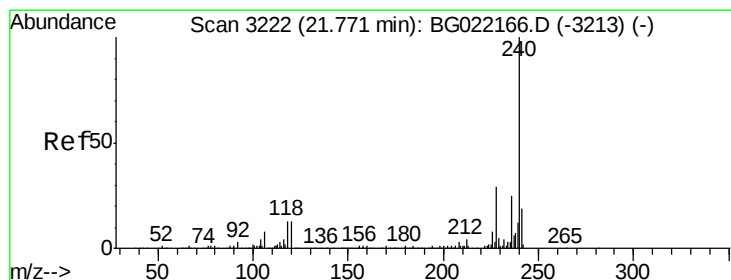
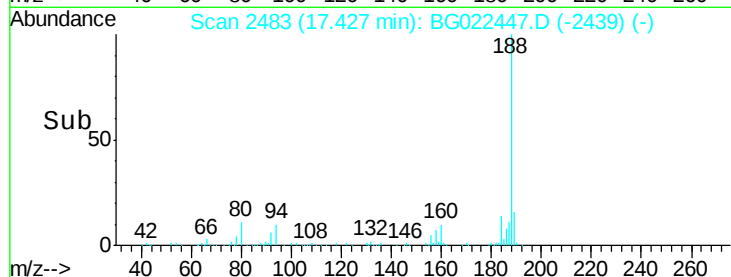
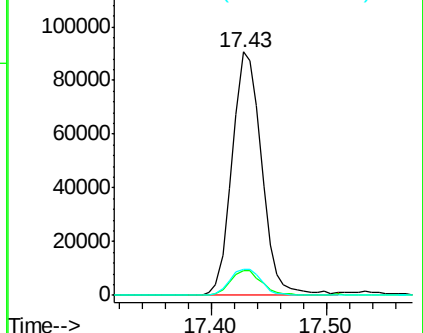
80 10.8 8.6 13.0



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: 21.70 min Scan# 3210

Delta R.T. -0.04 min

Lab File: BG022447.D

Acq: 19 Jun 2016 6:39

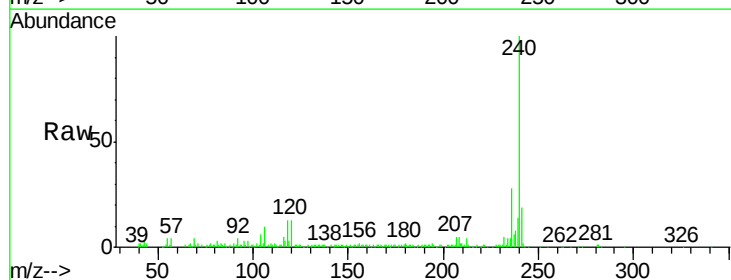
Tgt Ion:240 Resp: 113880

Ion Ratio Lower Upper

240 100

120 13.1 8.4 12.6#

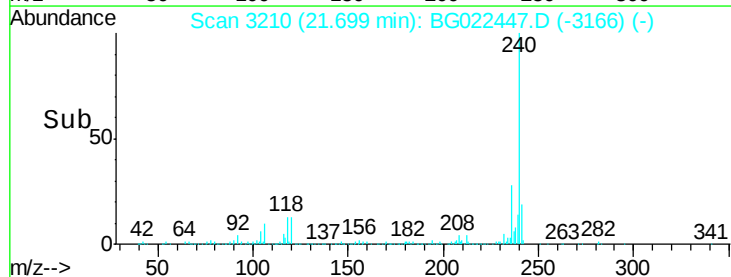
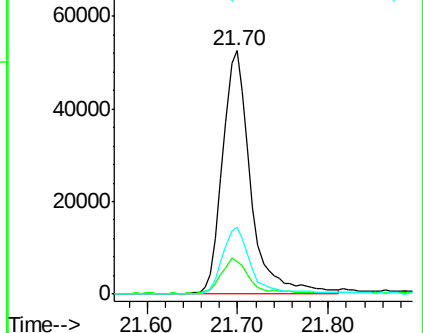
236 27.6 19.6 29.4

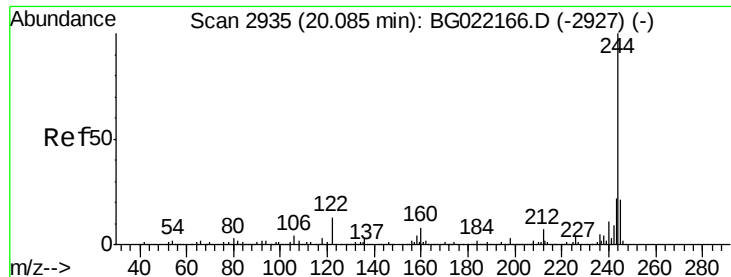


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.48 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.03 min

Lab File: BG022447.D

Acq: 19 Jun 2016 6:39

Instrument :

BNA_G

ClientSampleId :

PO-004

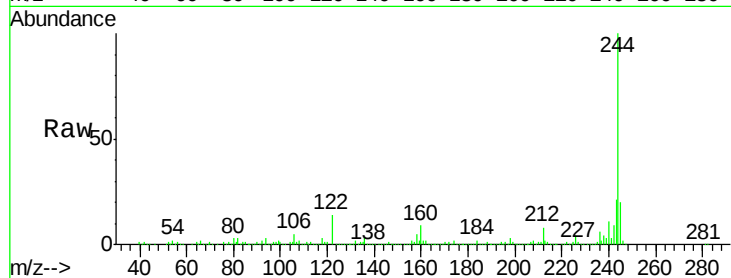
Tgt Ion:244 Resp: 457980

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

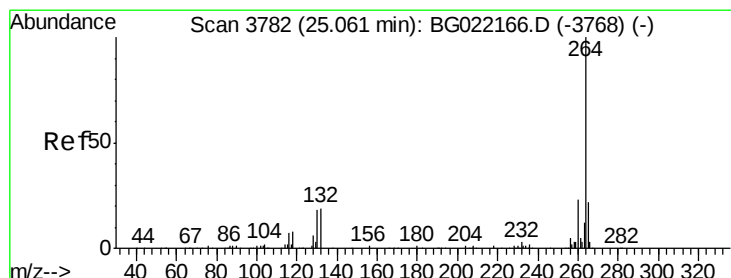
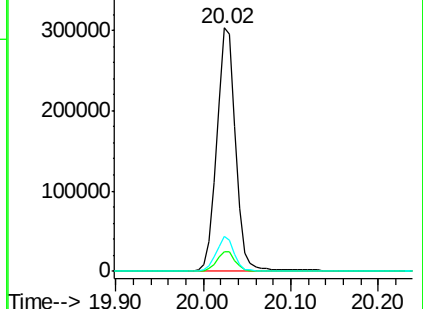
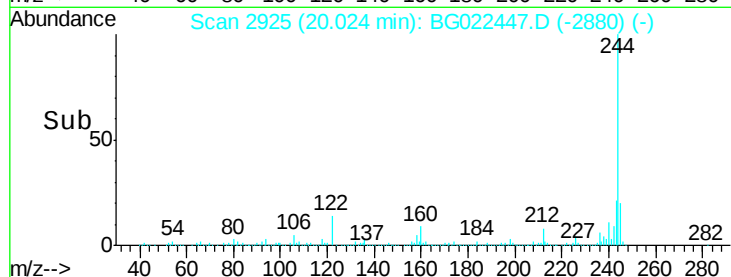
122 14.4 8.6 12.8#



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: 24.95 min Scan# 3763

Delta R.T. -0.06 min

Lab File: BG022447.D

Acq: 19 Jun 2016 6:39

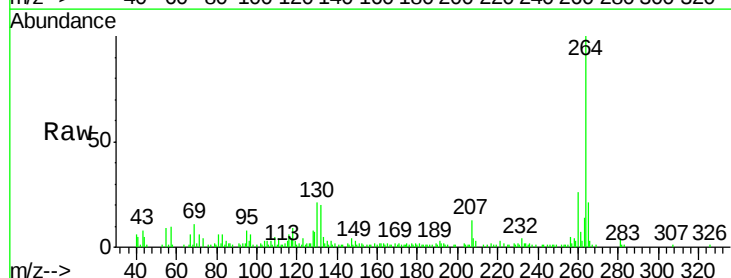
Tgt Ion:264 Resp: 83655

Ion Ratio Lower Upper

264 100

260 26.5 20.2 30.4

265 21.4 17.8 26.8



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

