

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
 Data File : BG023232.D
 Acq On : 23 Jul 2016 2:07
 Operator : UM/SJ
 Sample : H4131-27
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-11

Quant Time: Jul 23 03:00:25 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	114372	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	531799	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	369242	20.00	ng	0.01
63) Phenanthrene-d10	17.57	188	955056	20.00	ng	0.02
75) Chrysene-d12	21.89	240	1023295	20.00	ng	0.01
86) Perylene-d12	25.31	264	977675	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	926028	132.42	ng	0.00
7) Phenol-d6	7.30	99	1294509	118.19	ng	0.00
23) Nitrobenzene-d5	9.32	82	1063611	85.64	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	644558	97.13	ng	0.01
44) 2-Fluorobiphenyl	13.43	172	1958413	83.54	ng	0.01
78) Terphenyl-d14	20.18	244	2922565	94.52	ng	0.02

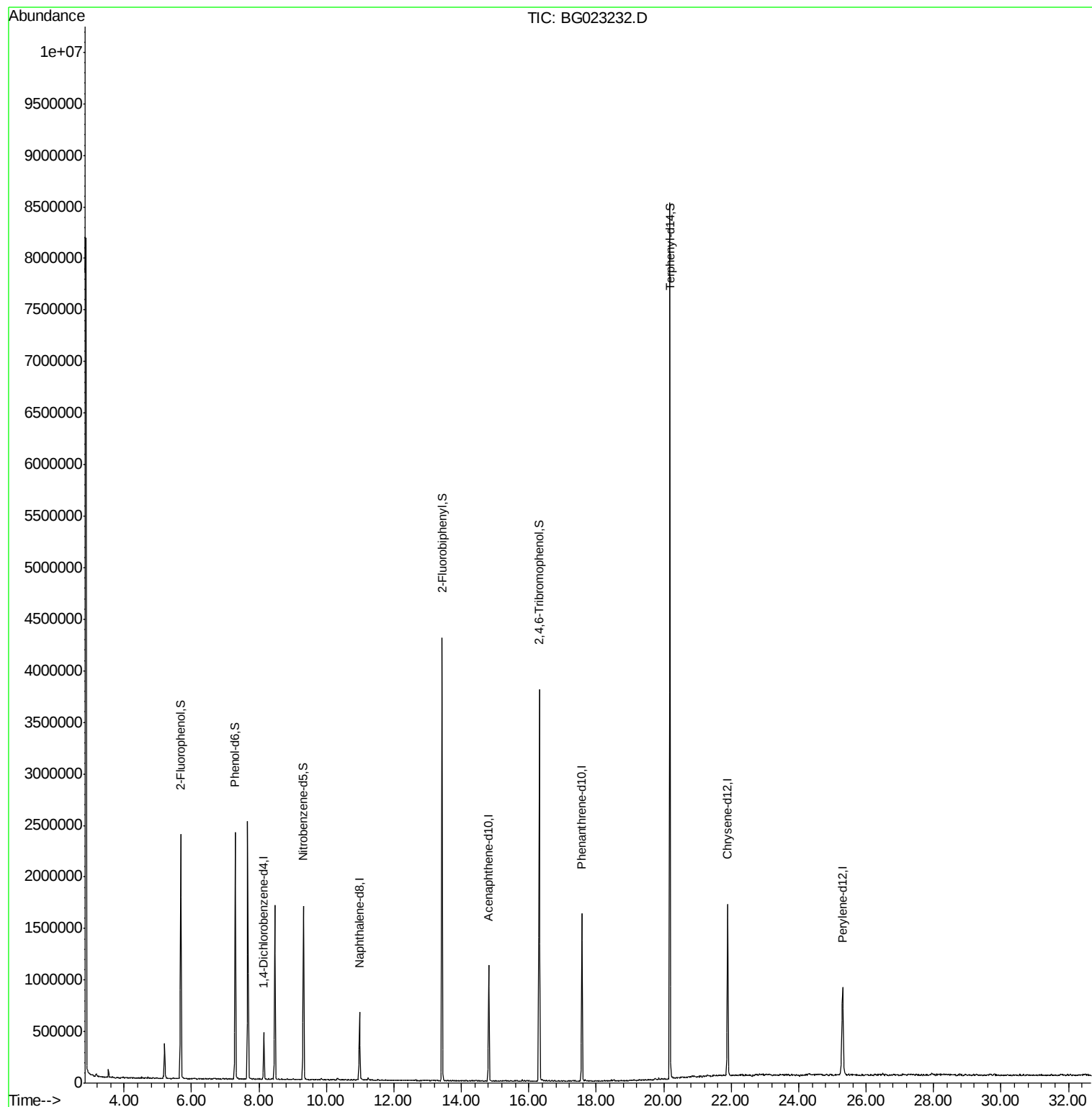
Target Compounds	Qvalue
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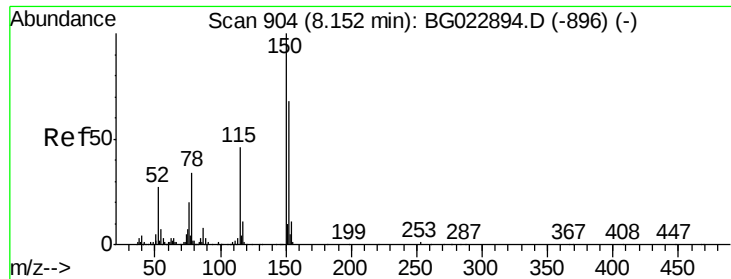
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG023232.D

Acq: 23 Jul 2016 2:07

Instrument :

BNA_G

ClientSampleId :

D-11

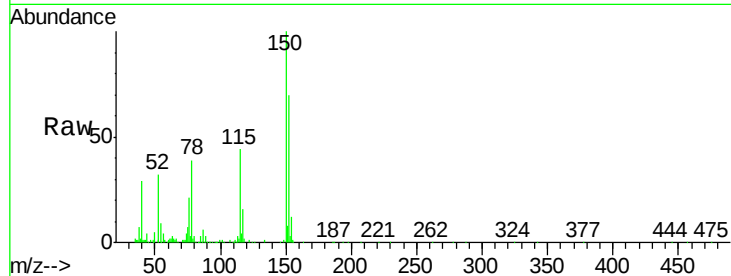
Tgt Ion:152 Resp: 114372

Ion Ratio Lower Upper

152 100

150 142.3 144.7 217.1#

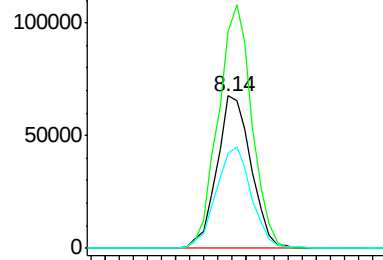
115 62.7 64.0 96.0#



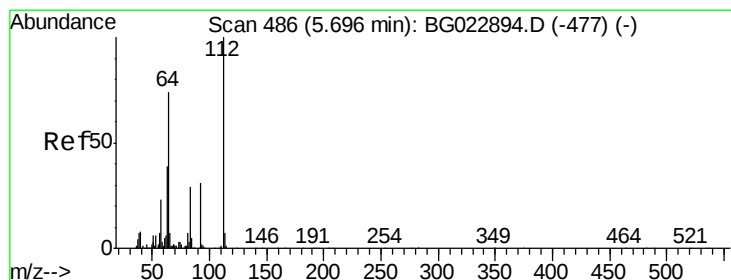
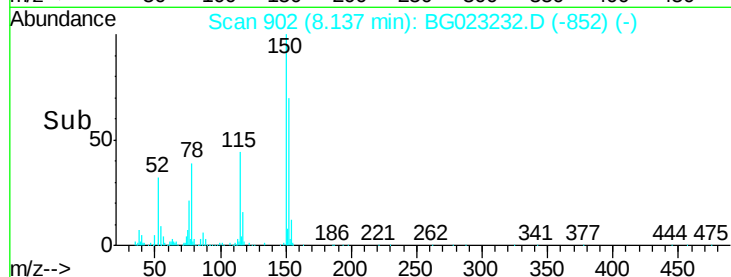
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time--> 8.05 8.10 8.15 8.20



#5

2-Fluorophenol

Concen: 132.42 ng

RT: 5.68 min Scan# 483

Delta R.T. -0.00 min

Lab File: BG023232.D

Acq: 23 Jul 2016 2:07

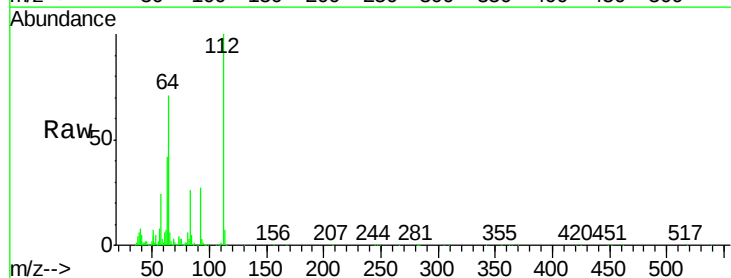
Tgt Ion:112 Resp: 926028

Ion Ratio Lower Upper

112 100

64 71.1 59.0 88.4

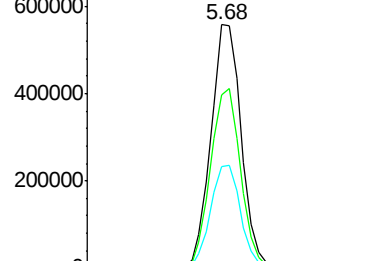
63 41.7 37.8 56.8



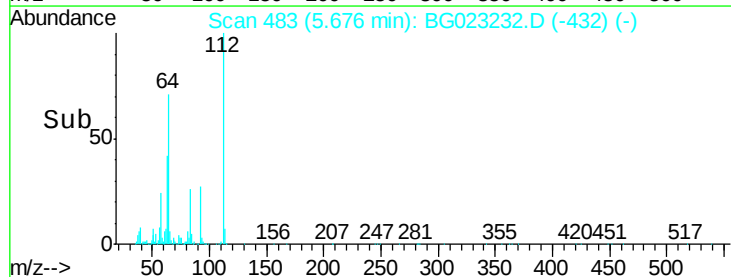
Abundance Ion 112.00 (111.70 to 112.70): E

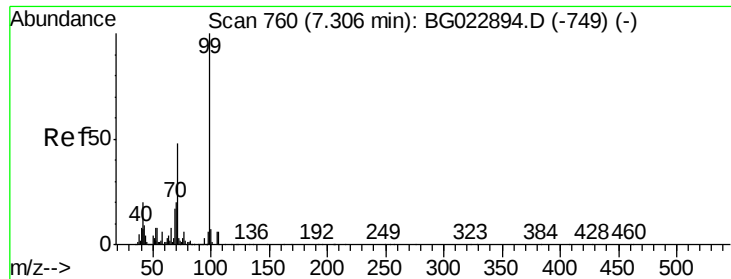
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



Time--> 5.60 5.65 5.70 5.75





#7

Phenol-d6

Concen: 118.19 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG023232.D

Acq: 23 Jul 2016 2:07

Instrument :

BNA_G

ClientSampleId :

D-11

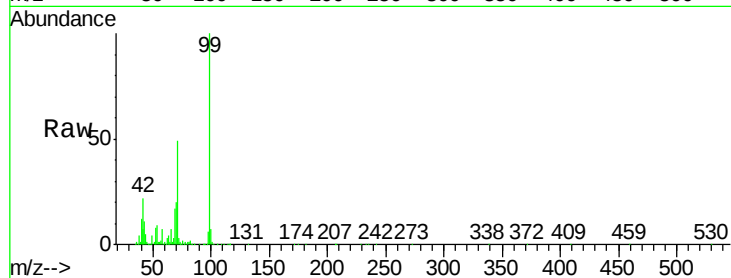
Tgt Ion: 99 Resp: 1294509

Ion Ratio Lower Upper

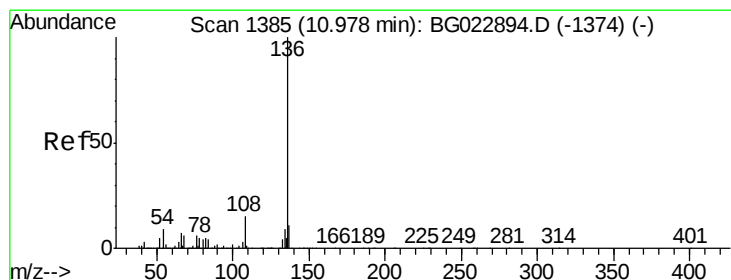
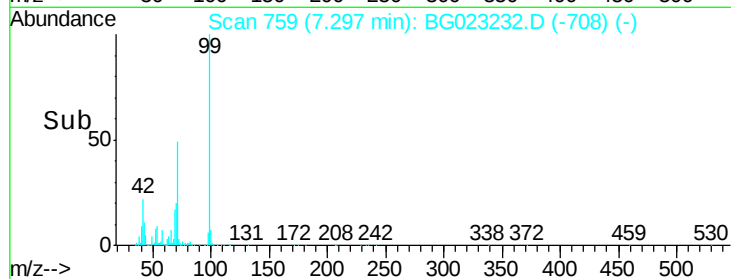
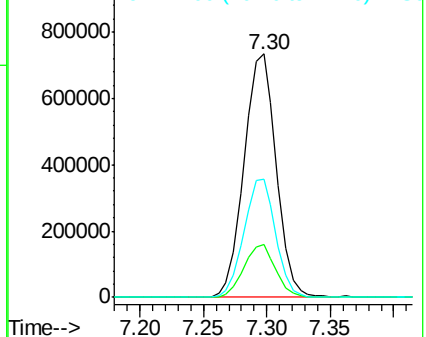
99 100

42 21.8 17.8 26.6

71 48.8 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: 10.98 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BG023232.D

Acq: 23 Jul 2016 2:07

Tgt Ion: 136 Resp: 531799

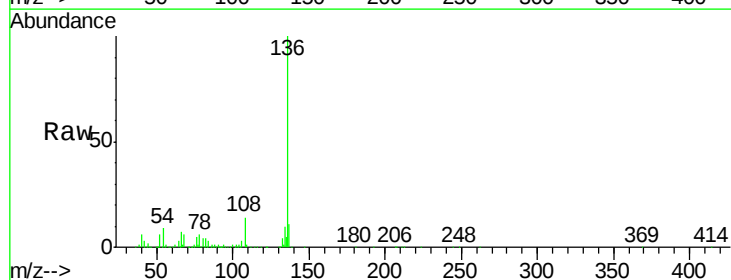
Ion Ratio Lower Upper

136 100

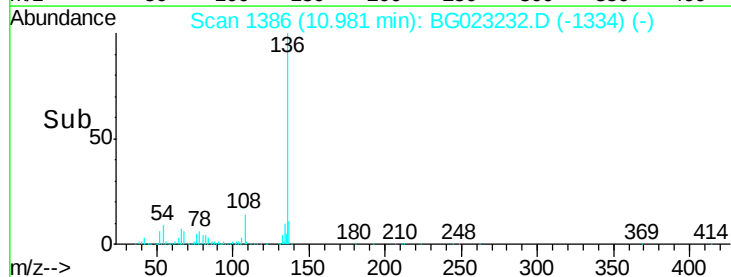
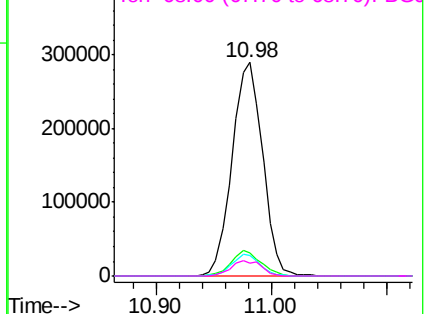
137 10.9 9.6 14.4

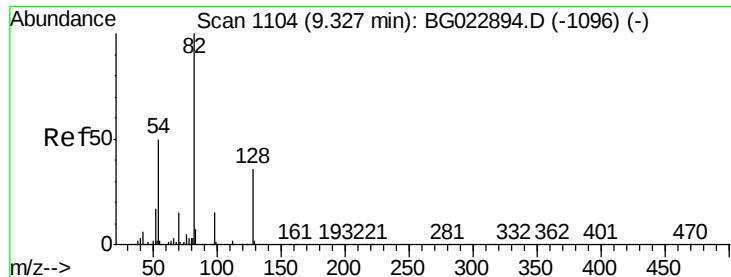
54 9.4 7.3 10.9

68 6.1 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



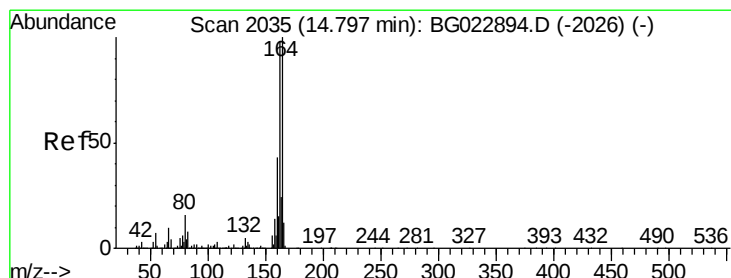
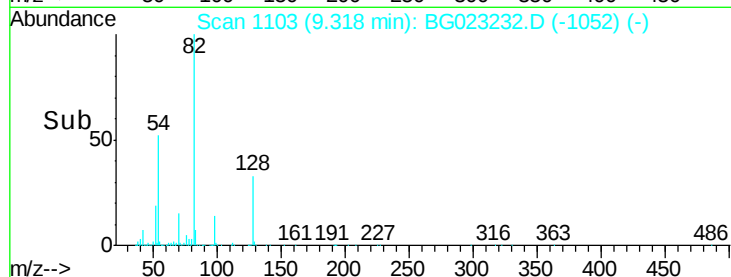
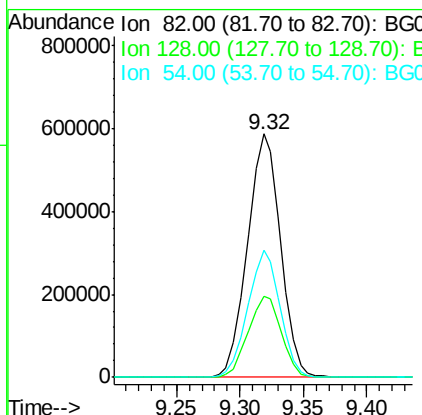
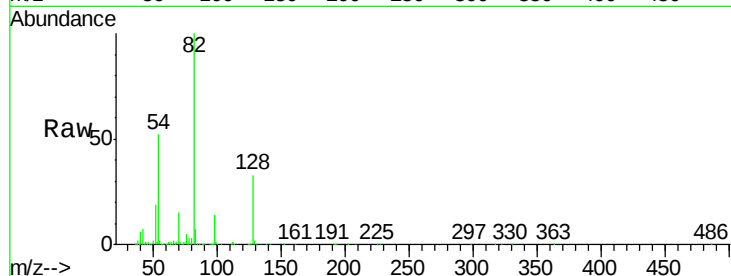


#23
 Nitrobenzene-d5
 Concen: 85.64 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BG023232.D
 Acq: 23 Jul 2016 2:07

Instrument :
 BNA_G
 ClientSampleId :
 D-11

Tgt Ion: 82 Resp: 1063611

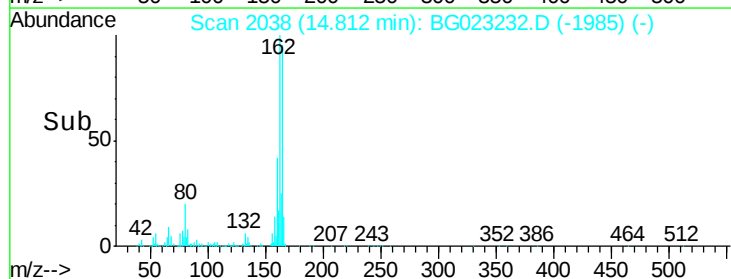
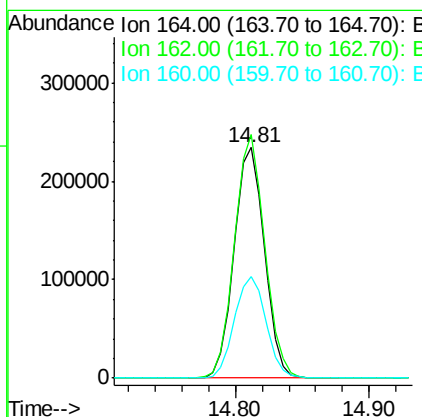
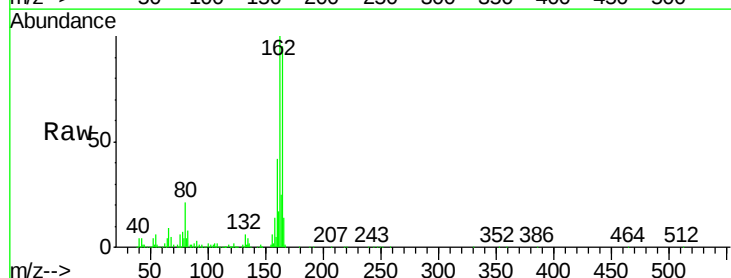
Ion	Ratio	Lower	Upper
82	100		
128	33.1	24.4	36.6
54	52.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BG023232.D
 Acq: 23 Jul 2016 2:07

Tgt Ion: 164 Resp: 369242

Ion	Ratio	Lower	Upper
164	100		
162	105.7	87.7	131.5
160	44.3	37.2	55.8

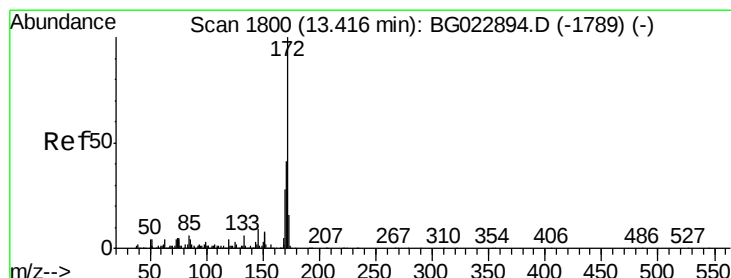
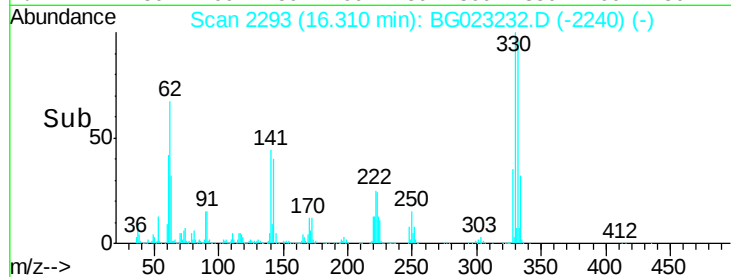
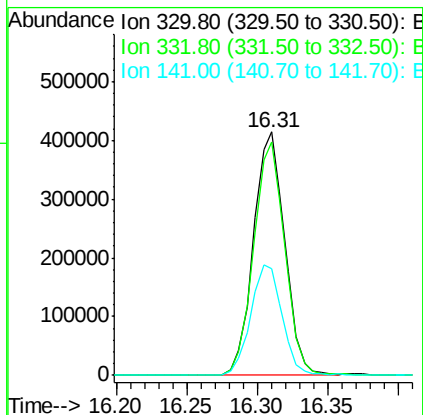
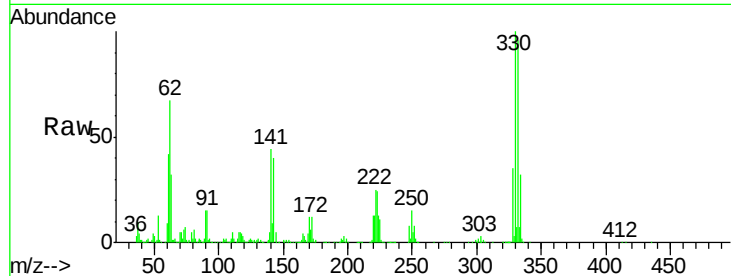




#41
 2,4,6-Tribromophenol
 Concen: 97.13 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BG023232.D
 Acq: 23 Jul 2016 2:07

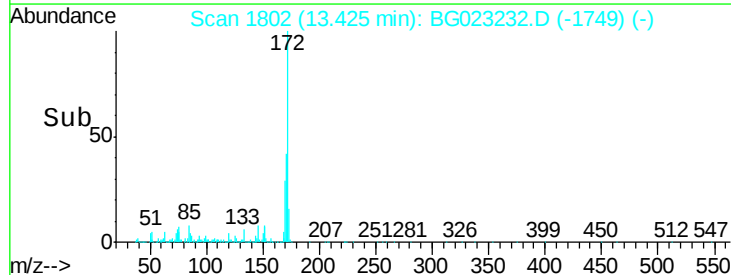
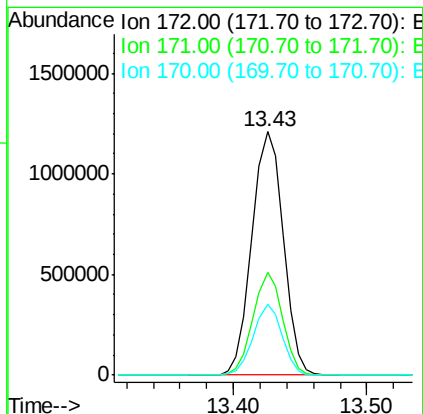
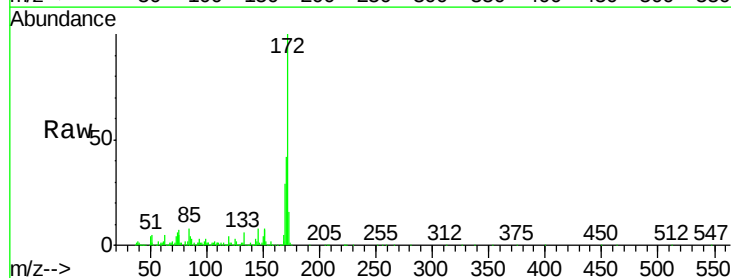
Instrument :
 BNA_G
 ClientSampled :
 D-11

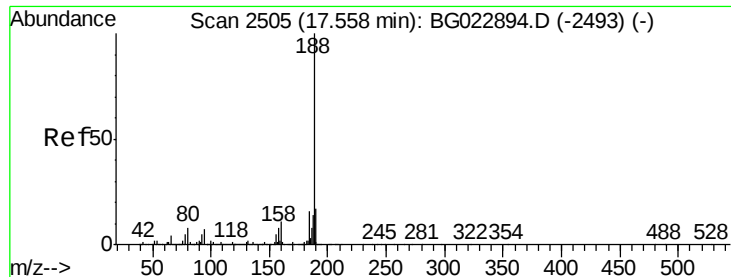
Tgt Ion:330 Resp: 644558
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 46.0 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 83.54 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BG023232.D
 Acq: 23 Jul 2016 2:07

Tgt Ion:172 Resp: 1958413
 Ion Ratio Lower Upper
 172 100
 171 42.2 31.6 47.4
 170 29.0 21.3 31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.02 min

Lab File: BG023232.D

Acq: 23 Jul 2016 2:07

Instrument :

BNA_G

ClientSampleId :

D-11

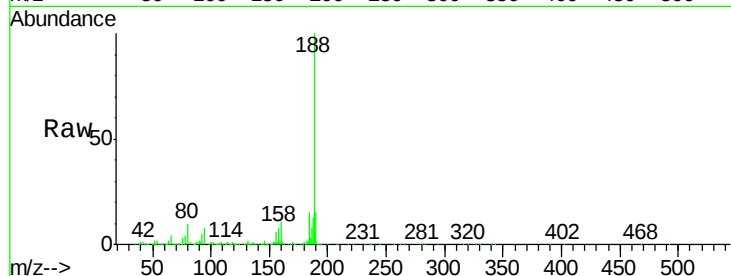
Tgt Ion:188 Resp: 955056

Ion Ratio Lower Upper

188 100

94 8.0 5.2 7.8#

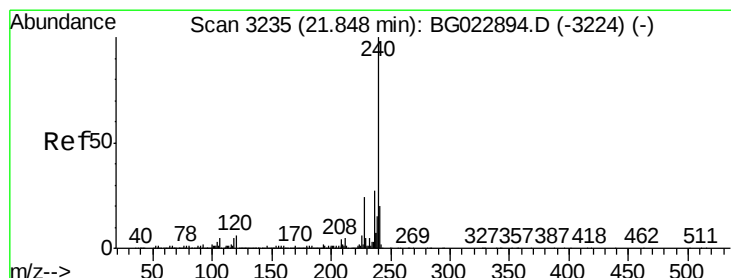
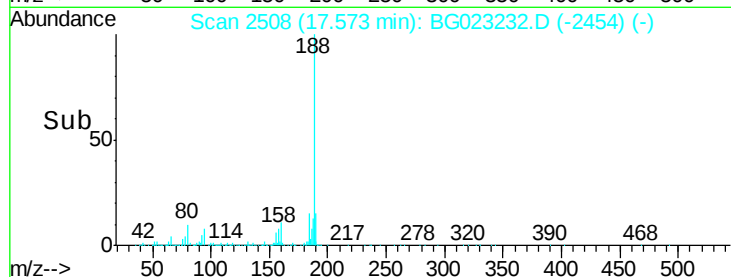
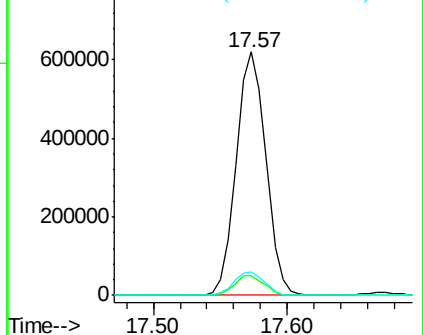
80 9.7 7.2 10.8



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: 21.89 min Scan# 3243

Delta R.T. 0.01 min

Lab File: BG023232.D

Acq: 23 Jul 2016 2:07

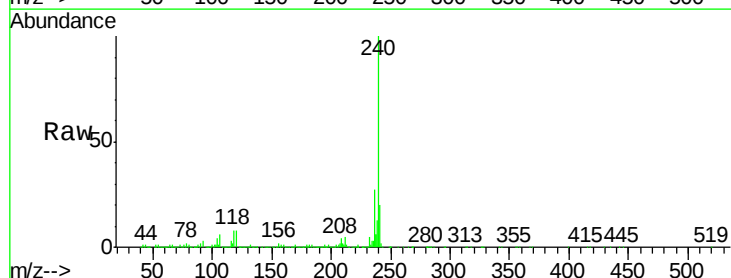
Tgt Ion:240 Resp: 1023295

Ion Ratio Lower Upper

240 100

120 7.5 4.1 6.1#

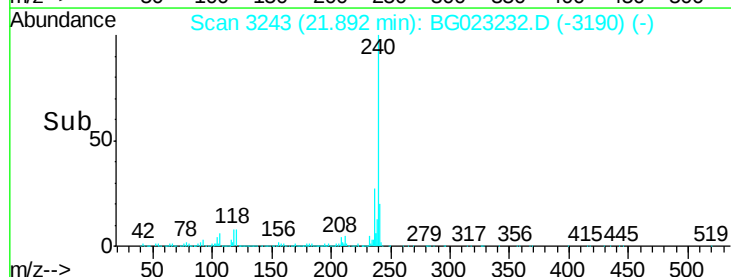
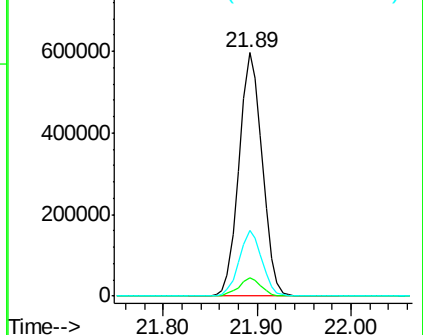
236 27.0 21.1 31.7

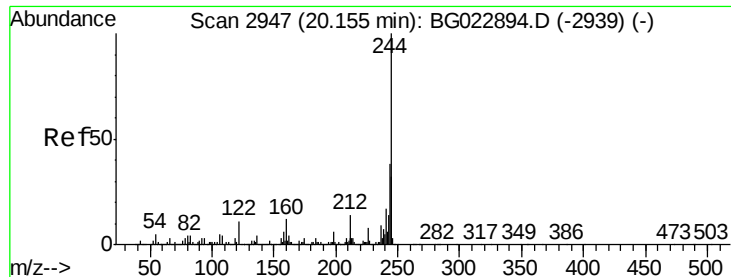


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.52 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.02 min

Lab File: BG023232.D

Acq: 23 Jul 2016 2:07

Instrument :

BNA_G

ClientSampled :

D-11

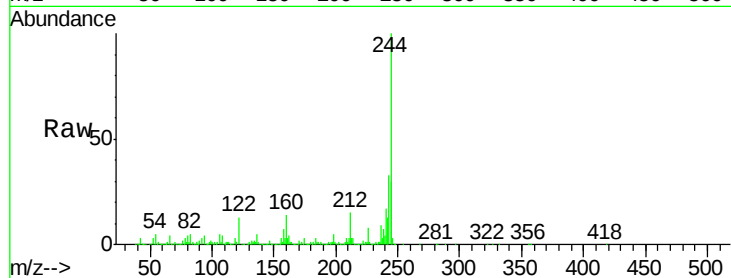
Tgt Ion:244 Resp: 2922565

Ion Ratio Lower Upper

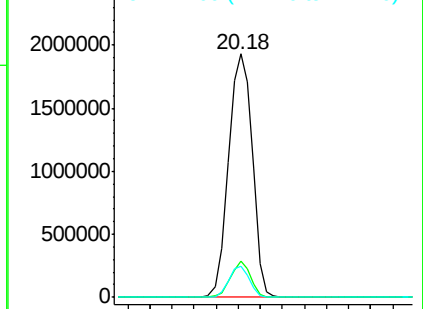
244 100

212 14.9 10.8 16.2

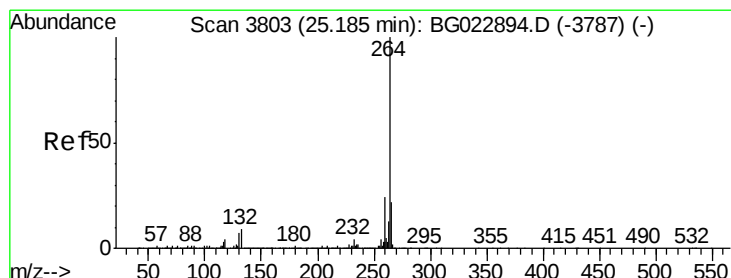
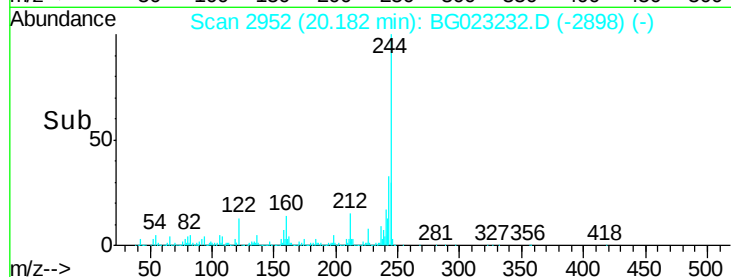
122 12.8 8.0 12.0#



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



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.31 min Scan# 3824

Delta R.T. 0.03 min

Lab File: BG023232.D

Acq: 23 Jul 2016 2:07

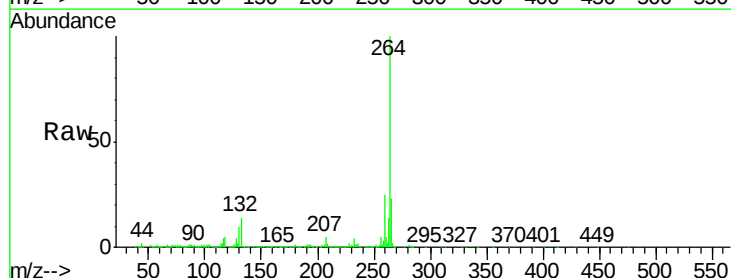
Tgt Ion:264 Resp: 977675

Ion Ratio Lower Upper

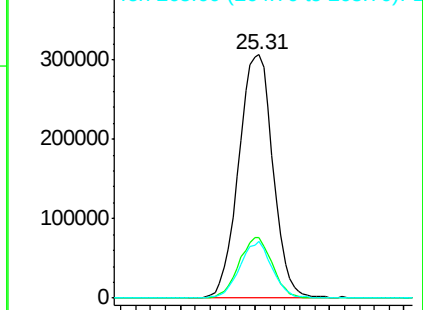
264 100

260 24.9 18.4 27.6

265 23.1 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



Time-->

