

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
 Data File : BG023148.D
 Acq On : 16 Jul 2016 15:41
 Operator : UM/SJ
 Sample : H4015-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C4.2-1

Quant Time: Jul 18 01:20:35 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

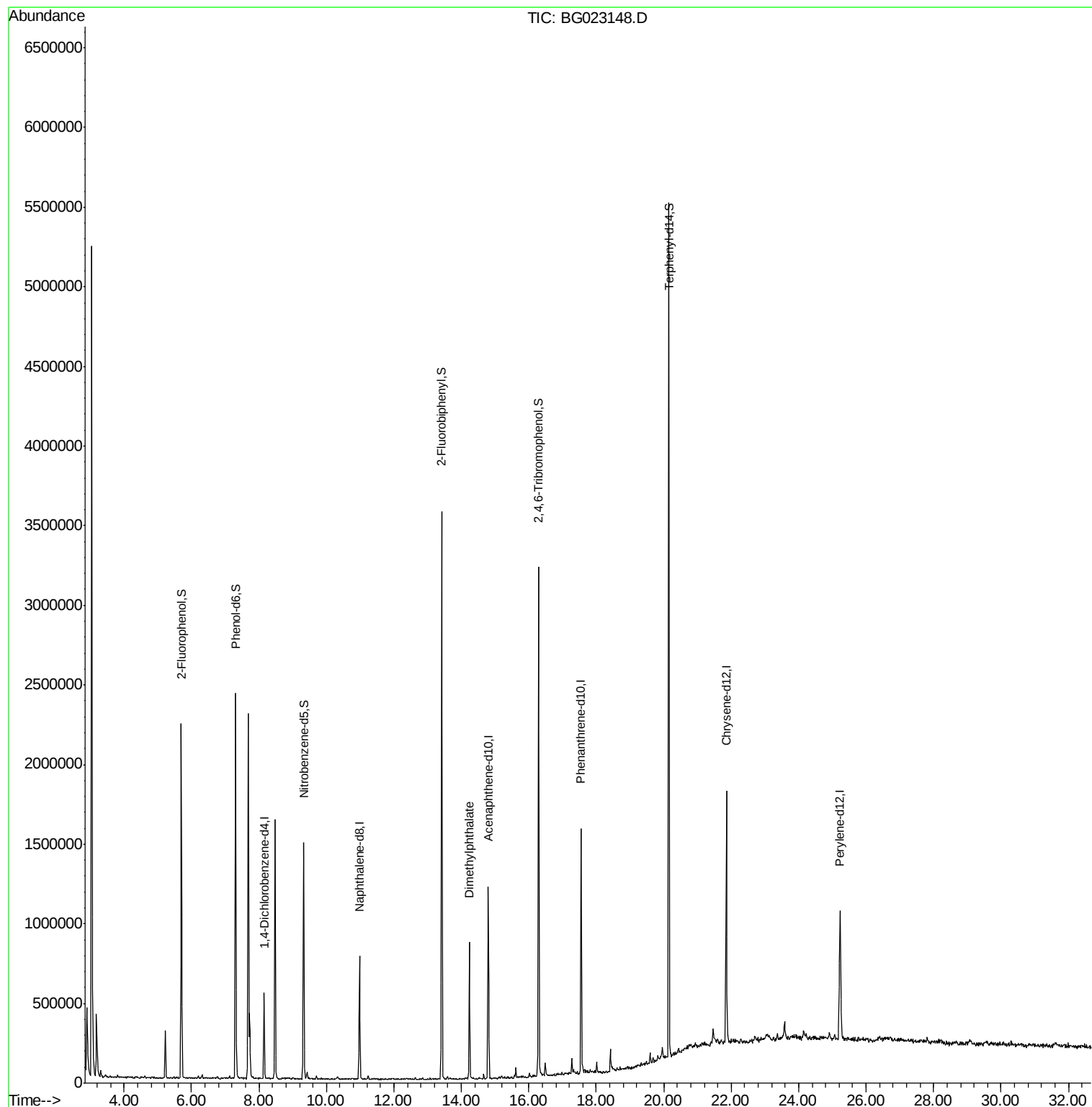
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	135635	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	612535	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	426417	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	927603	20.00	ng	0.00
75) Chrysene-d12	21.86	240	981417	20.00	ng	0.00
86) Perylene-d12	25.23	264	980808	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	867162	104.56	ng	0.00
7) Phenol-d6	7.31	99	1348922	103.85	ng	0.00
23) Nitrobenzene-d5	9.32	82	983800	68.77	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	586562	76.54	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1748335	64.58	ng	0.00
78) Terphenyl-d14	20.15	244	2111630	61.20	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	514726	14.78	ng	Qvalue 100

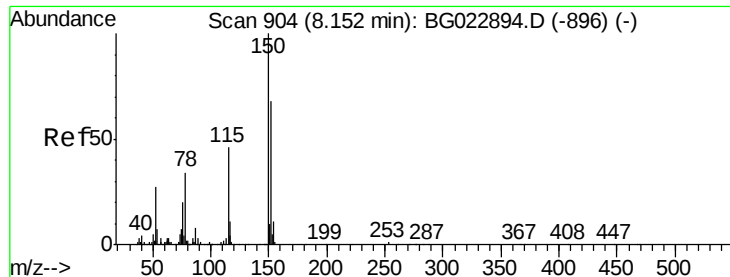
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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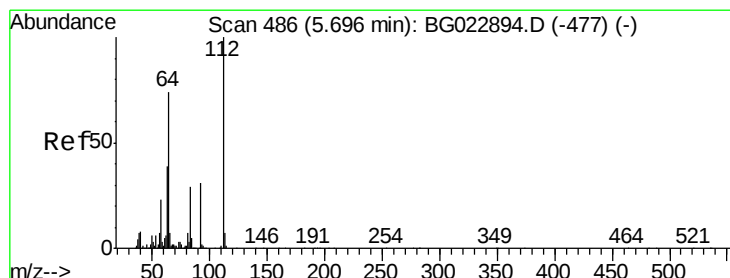
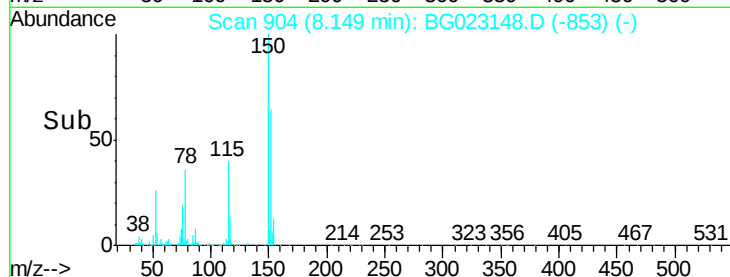
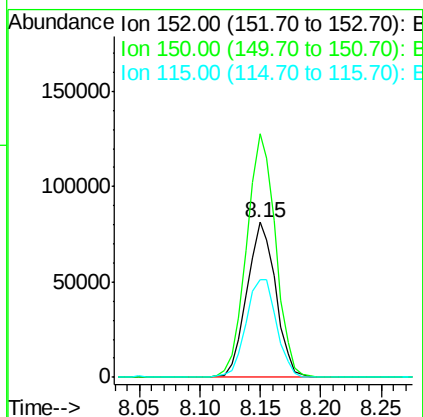
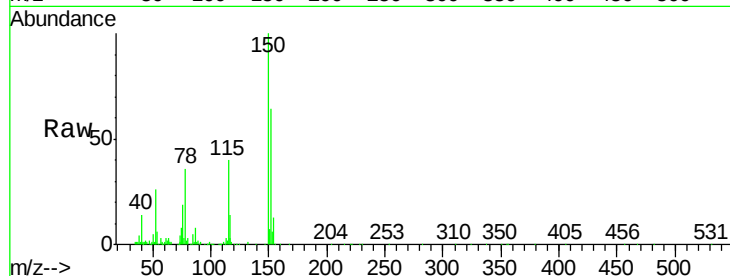


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023148.D
Acq: 16 Jul 2016 15:41

Instrument :
BNA_G
ClientSampleId :
C4.2-1

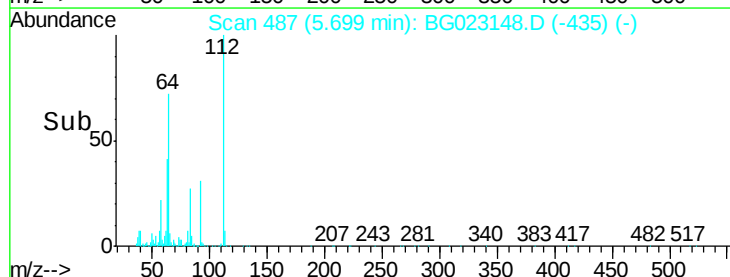
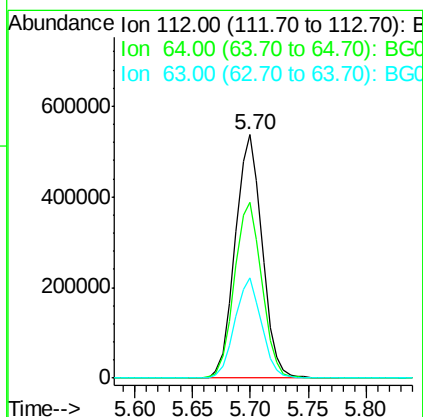
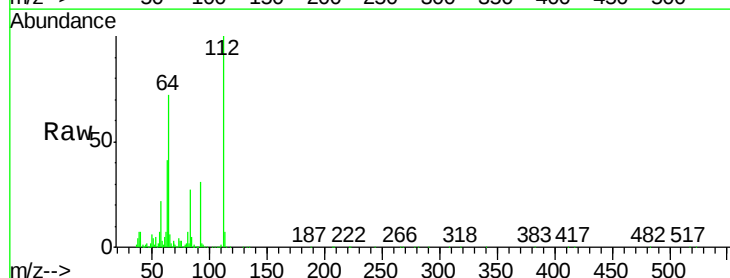
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	144.7	217.1
115	62.7	64.0	96.0

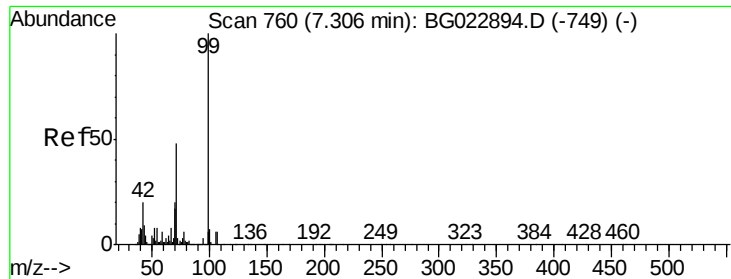


#5

2-Fluorophenol
Concen: 104.56 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023148.D
Acq: 16 Jul 2016 15:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.0	59.0	88.4
63	41.3	37.8	56.8





#7

Phenol-d6

Concen: 103.85 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023148.D

Acq: 16 Jul 2016 15:41

Instrument :

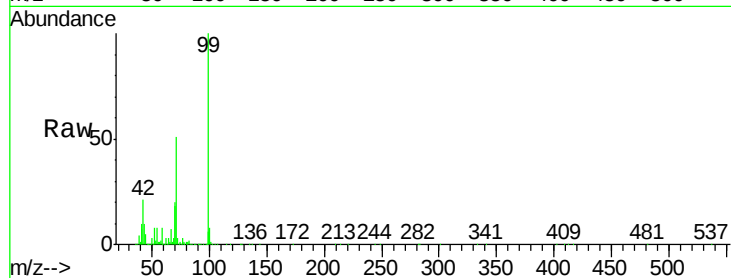
BNA_G

ClientSampled :

C4.2-1

Tgt Ion: 99 Resp: 1348922

Ion	Ratio	Lower	Upper
99	100		
42	20.5	17.8	26.6
71	50.7	41.5	62.3

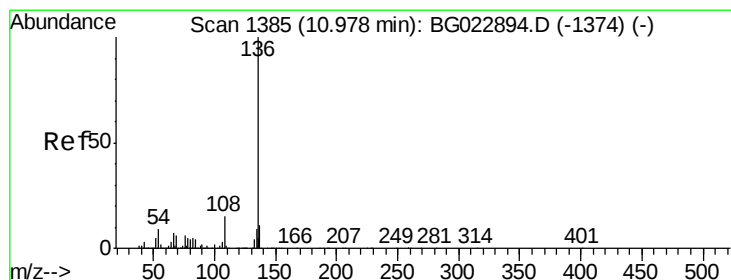
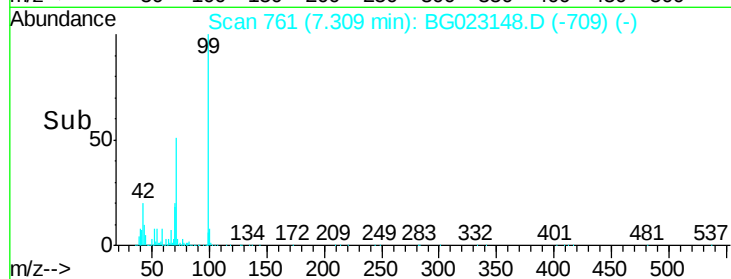
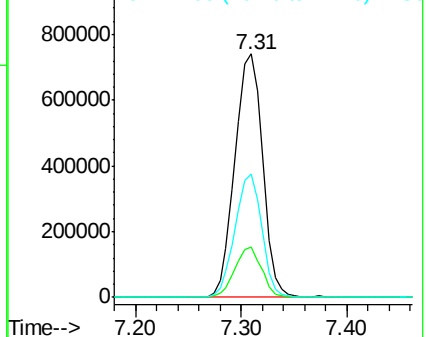


Abundance

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

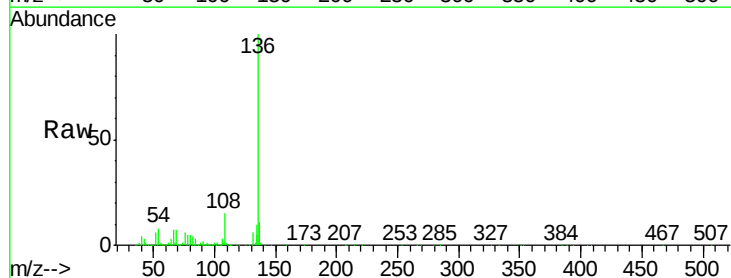
Delta R.T. 0.00 min

Lab File: BG023148.D

Acq: 16 Jul 2016 15:41

Tgt Ion: 136 Resp: 612535

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	7.9	7.3	10.9
68	6.8	5.3	7.9



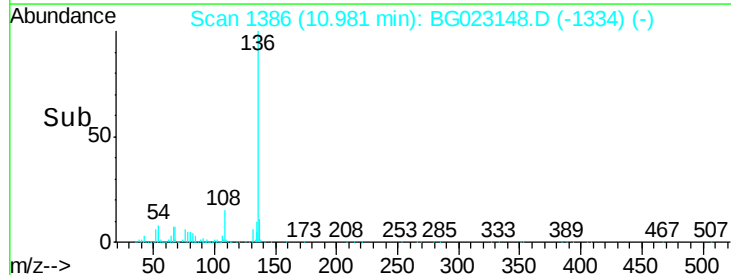
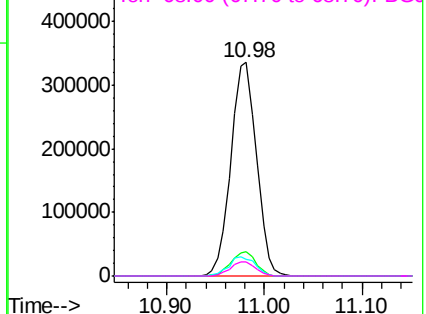
Abundance

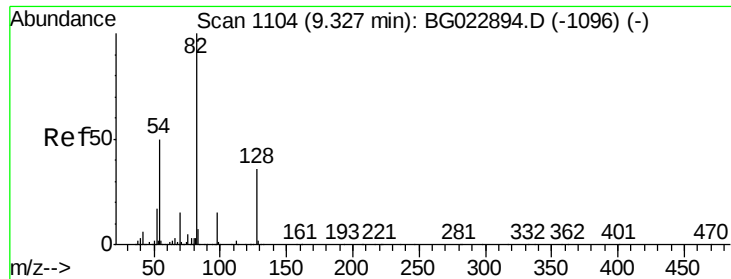
Ion 136.00 (135.70 to 136.70): BGC

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

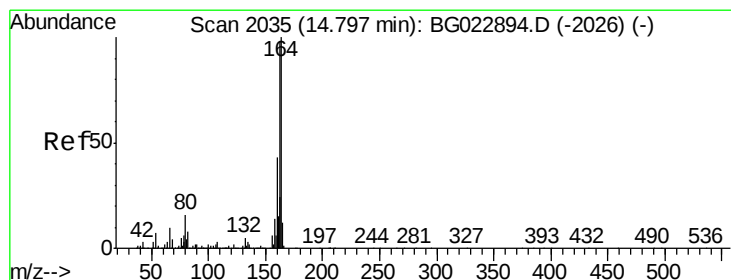
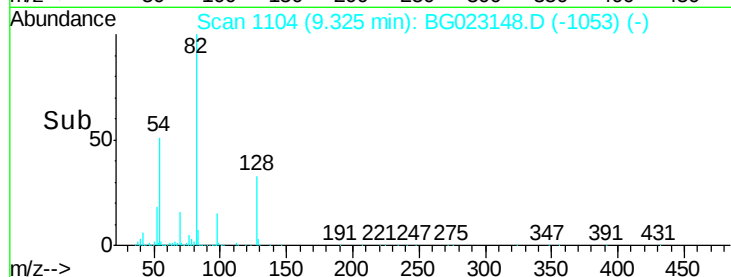
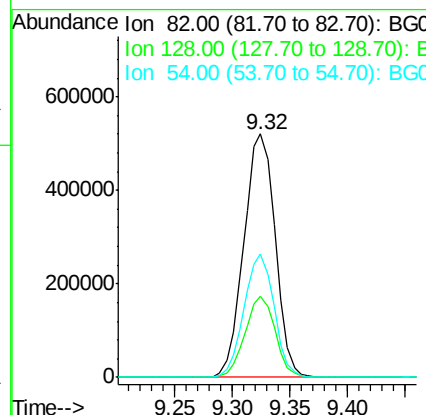
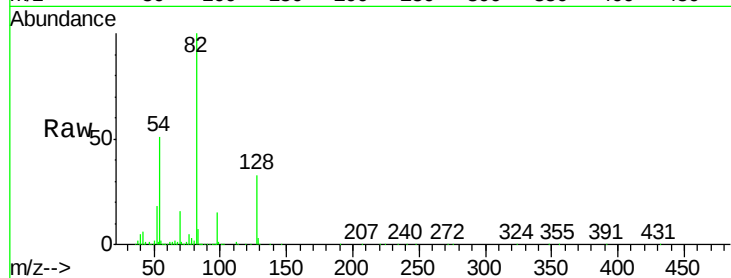




#23
 Nitrobenzene-d5
 Concen: 68.77 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023148.D
 Acq: 16 Jul 2016 15:41

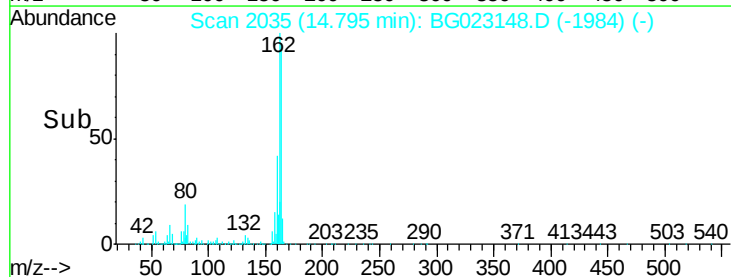
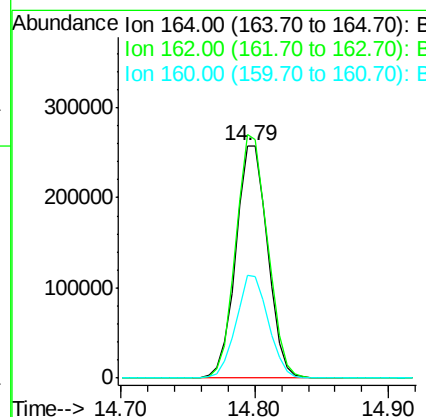
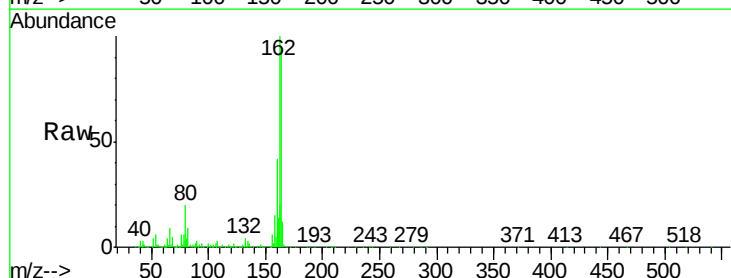
Instrument :
 BNA_G
 ClientSampleId :
 C4.2-1

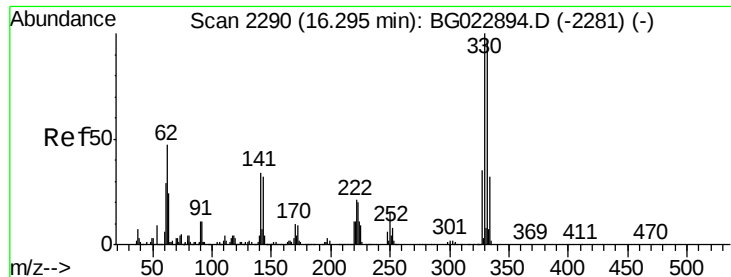
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.2	24.4	36.6
54	50.6	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG023148.D
 Acq: 16 Jul 2016 15:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	87.7	131.5
160	44.1	37.2	55.8

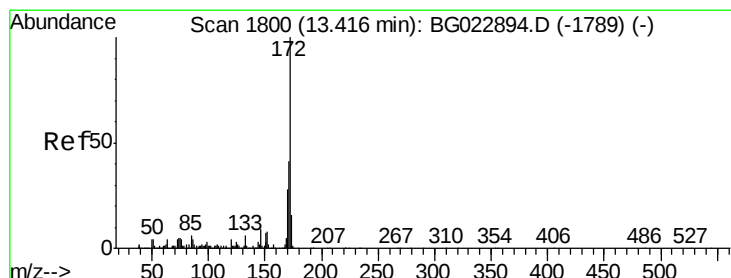
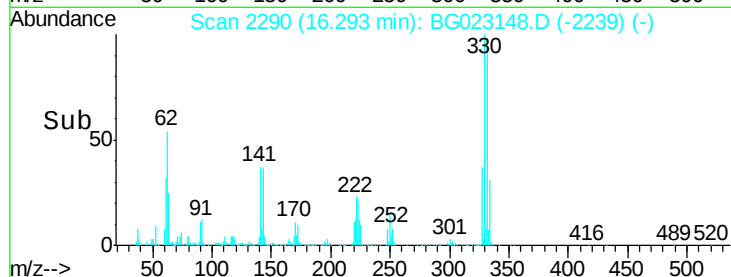
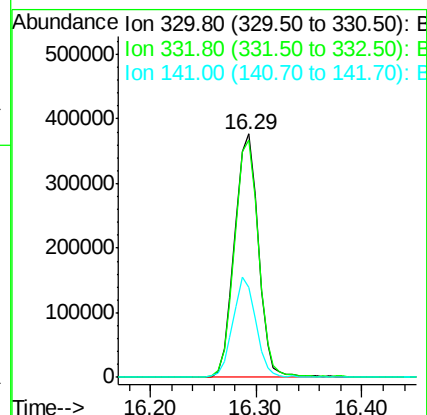
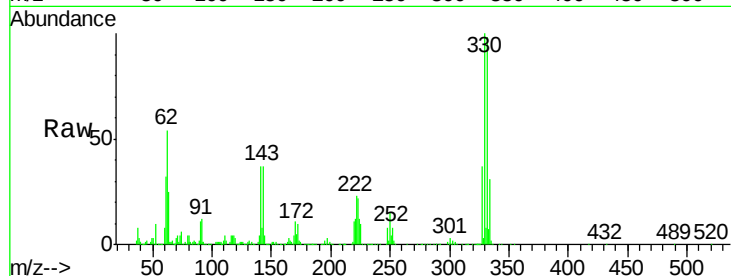




#41
 2,4,6-Tribromophenol
 Concen: 76.54 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023148.D
 Acq: 16 Jul 2016 15:41

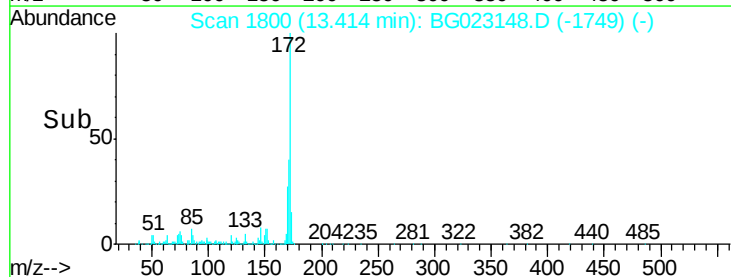
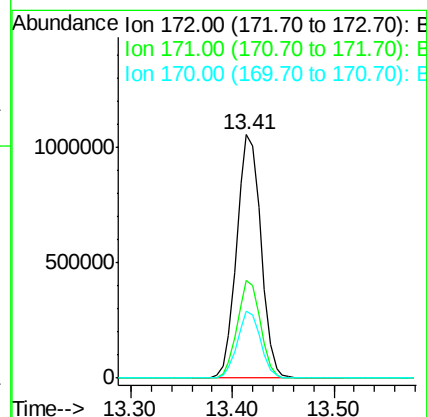
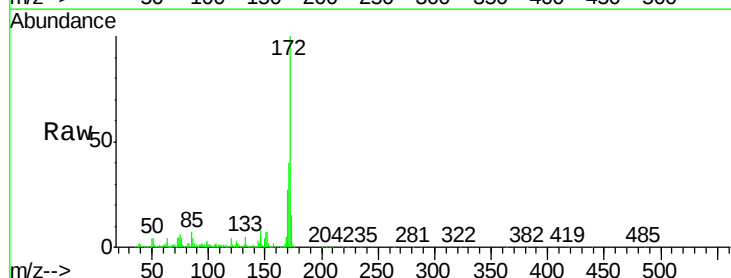
Instrument :
 BNA_G
 ClientSampleId :
 C4.2-1

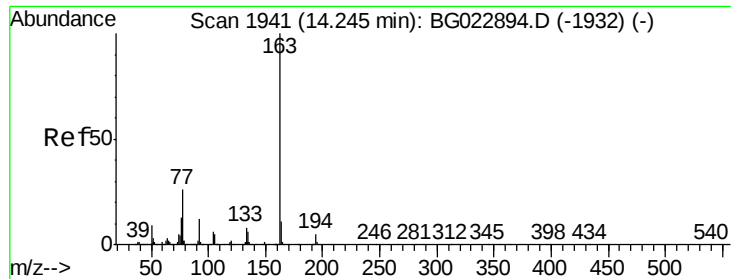
Tgt Ion:330 Resp: 586562
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.4 116.2
 141 39.9 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 64.58 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG023148.D
 Acq: 16 Jul 2016 15:41

Tgt Ion:172 Resp: 1748335
 Ion Ratio Lower Upper
 172 100
 171 40.1 31.6 47.4
 170 27.4 21.3 31.9





#49

Dimethylphthalate

Concen: 14.78 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG023148.D

Acq: 16 Jul 2016 15:41

Instrument :

BNA_G

ClientSampleId :

C4.2-1

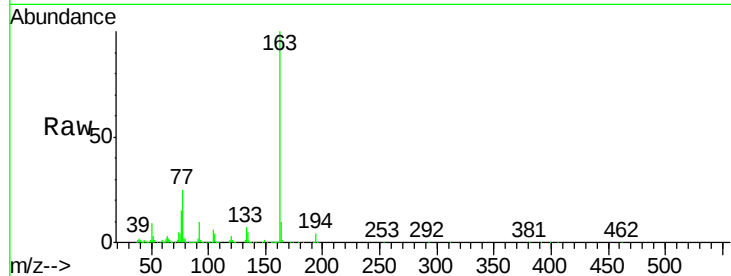
Tgt Ion:163 Resp: 514726

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

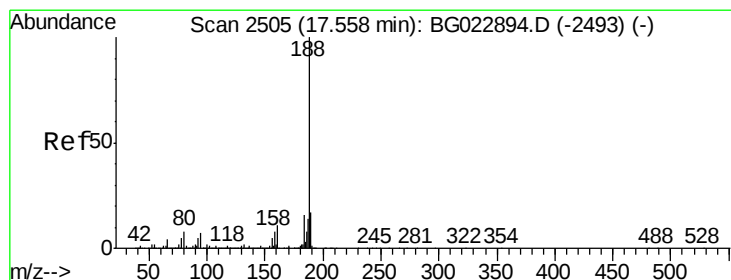
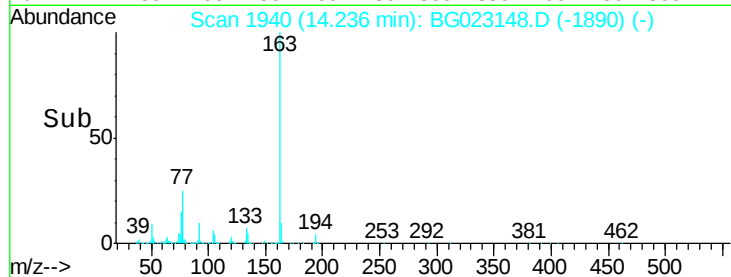
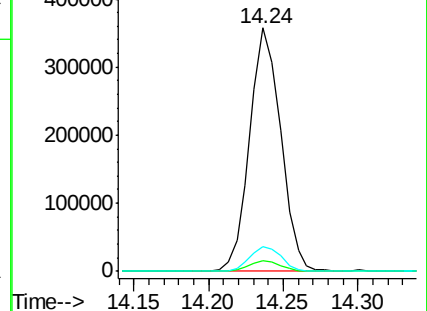
164 10.2 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG023148.D

Acq: 16 Jul 2016 15:41

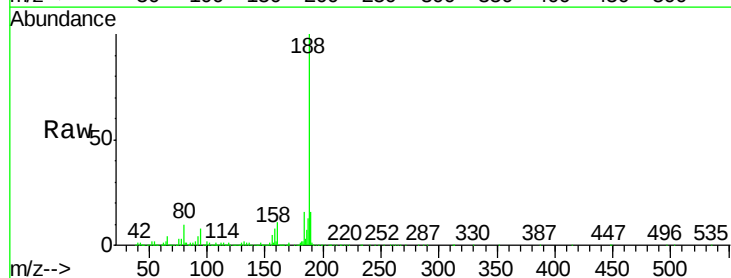
Tgt Ion:188 Resp: 927603

Ion Ratio Lower Upper

188 100

94 7.8 5.2 7.8

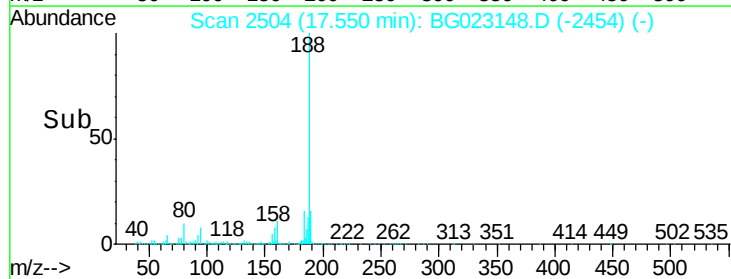
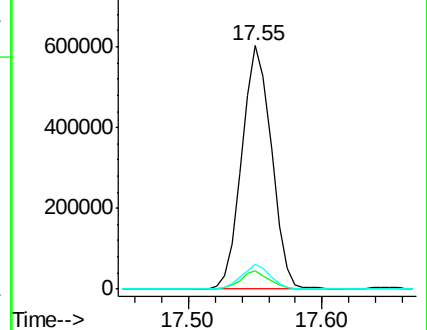
80 10.0 7.2 10.8

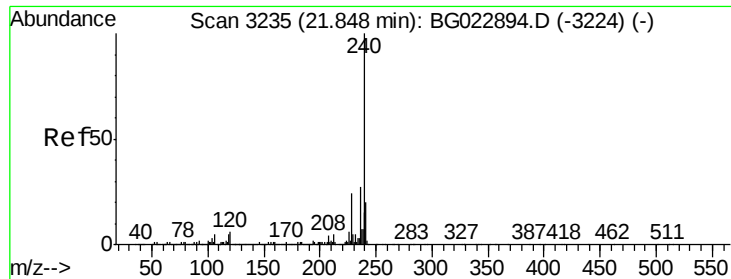


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.86 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG023148.D

Acq: 16 Jul 2016 15:41

Instrument :

BNA_G

ClientSampleId :

C4.2-1

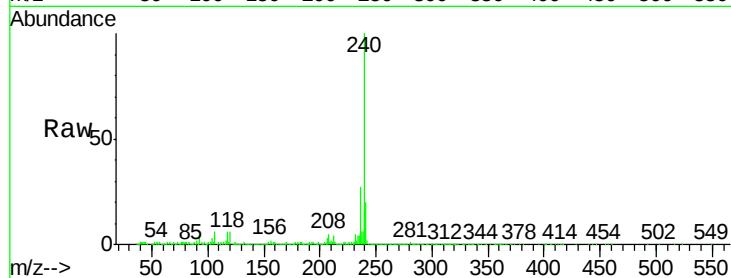
Tgt Ion:240 Resp: 981417

Ion Ratio Lower Upper

240 100

120 5.9 4.1 6.1

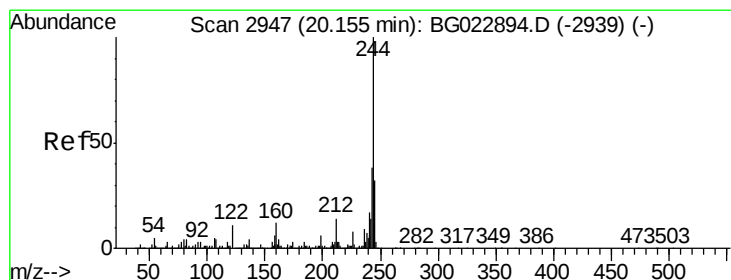
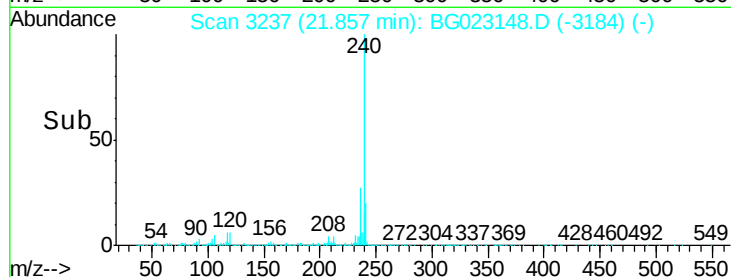
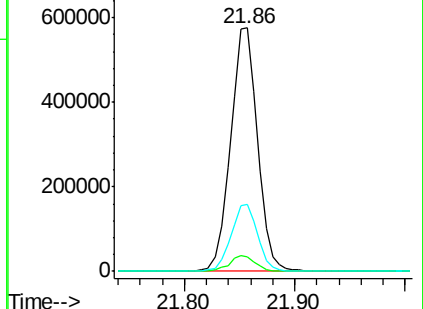
236 27.3 21.1 31.7



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: 61.20 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023148.D

Acq: 16 Jul 2016 15:41

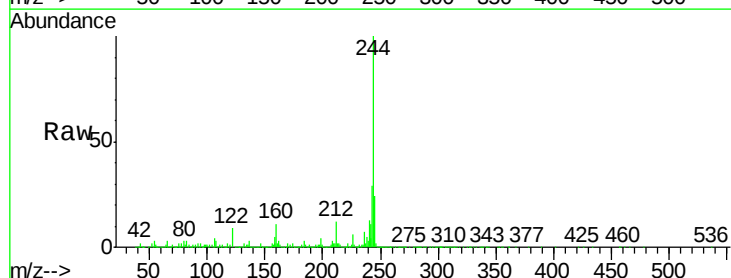
Tgt Ion:244 Resp: 2111630

Ion Ratio Lower Upper

244 100

212 11.9 10.8 16.2

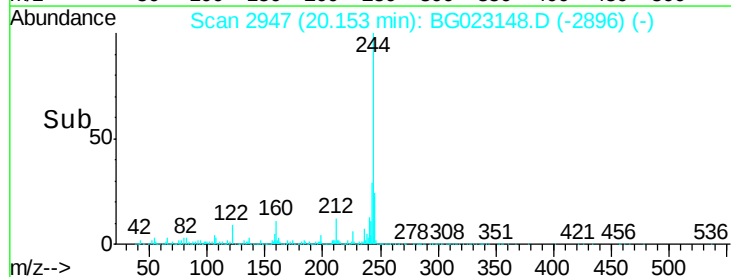
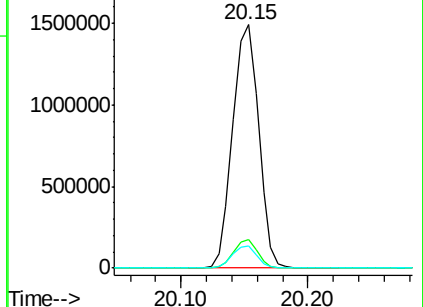
122 9.0 8.0 12.0

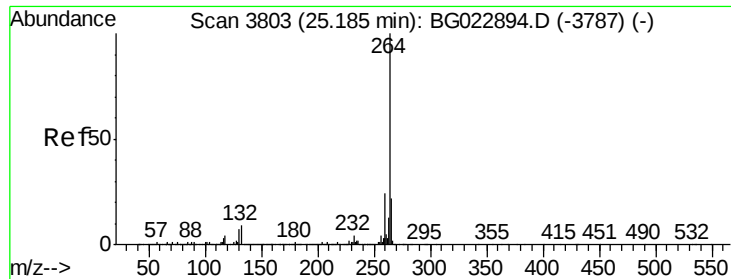


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.23 min Scan# 3811

Delta R.T. 0.04 min

Lab File: BG023148.D

Acq: 16 Jul 2016 15:41

Instrument :

BNA_G

ClientSampleId :

C4.2-1

Tgt Ion:264 Resp: 980808

Ion Ratio Lower Upper

264 100

260 24.9 18.4 27.6

265 23.4 18.9 28.3

