

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
 Data File : BG023128.D
 Acq On : 16 Jul 2016 2:15
 Operator : UM/SJ
 Sample : PB92133BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92133BL

Quant Time: Jul 16 05:04:26 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	93595	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	443964	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	365178	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	886978	20.00	ng	0.00
75) Chrysene-d12	21.86	240	958149	20.00	ng	0.00
86) Perylene-d12	25.24	264	899909	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	783555	136.92	ng	0.00
7) Phenol-d6	7.31	99	1227876	136.99	ng	0.00
23) Nitrobenzene-d5	9.32	82	892028	86.03	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	633679	96.55	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1897195	81.83	ng	0.00
78) Terphenyl-d14	20.15	244	2777771	97.03	ng	0.00

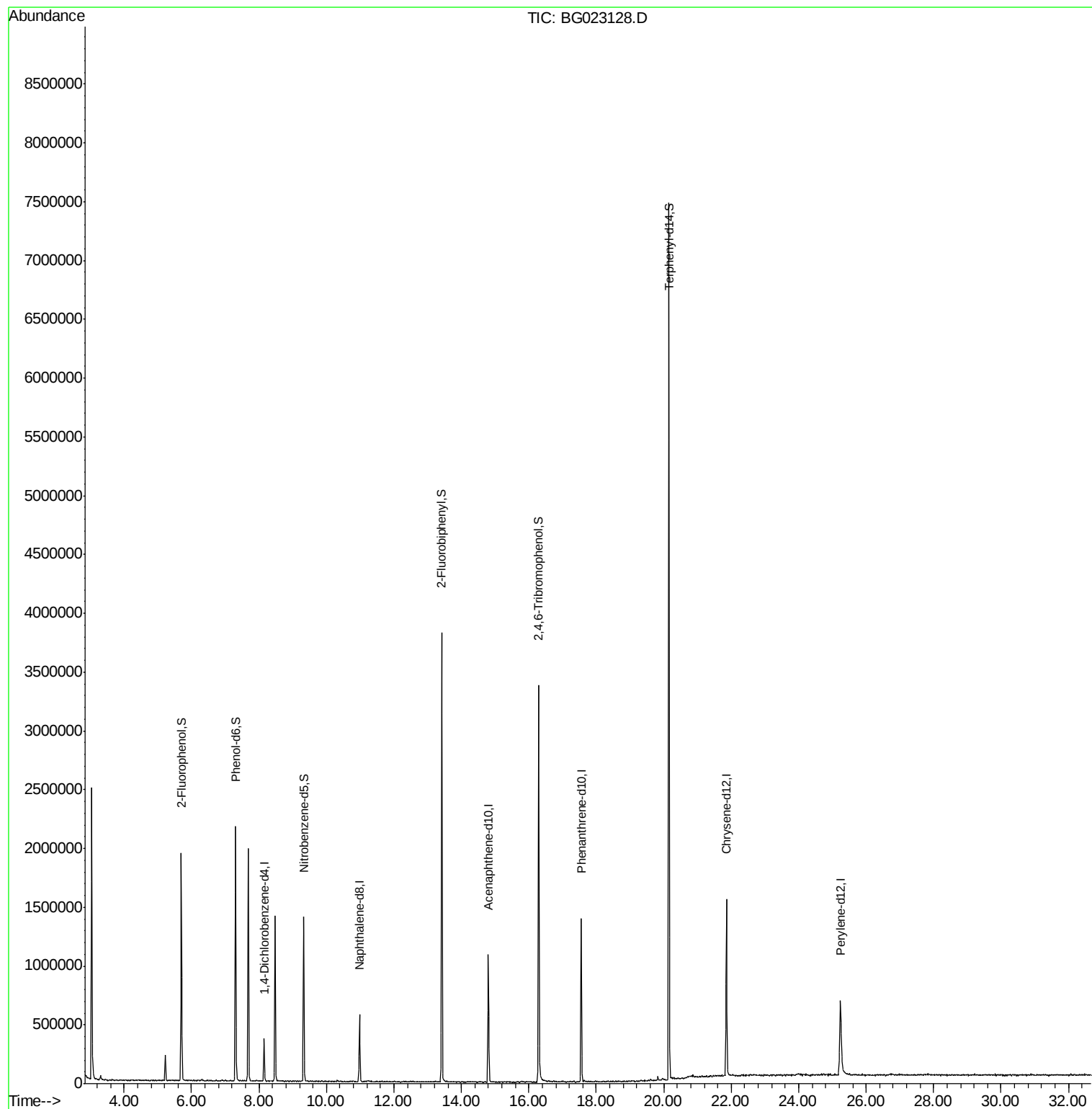
Target Compounds	Qvalue
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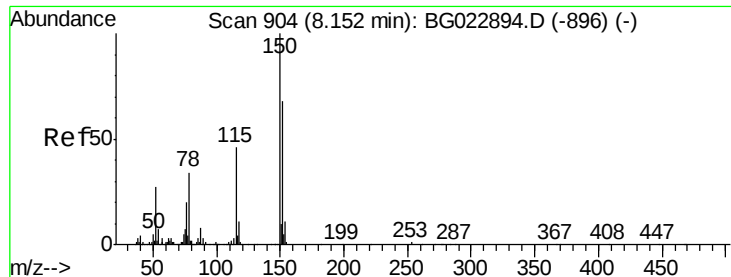
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023128.D

Acq: 16 Jul 2016 2:15

Instrument :

BNA_G

ClientSampleId :

PB92133BL

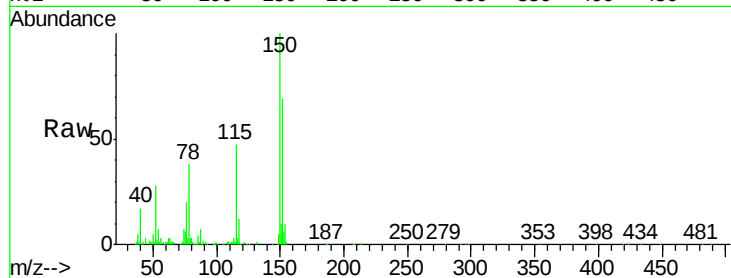
Tgt Ion:152 Resp: 93595

Ion Ratio Lower Upper

152 100

150 145.7 144.7 217.1

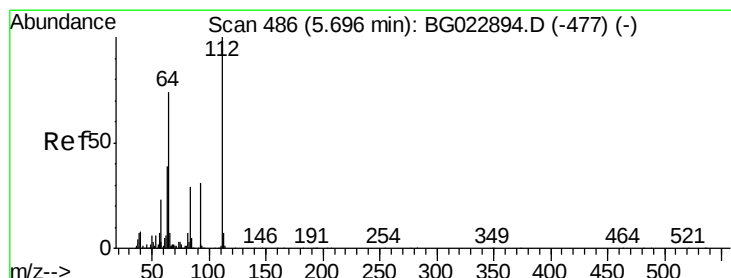
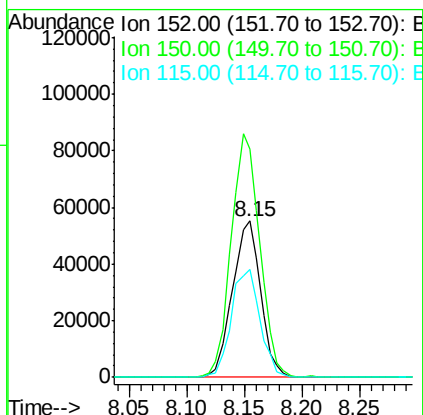
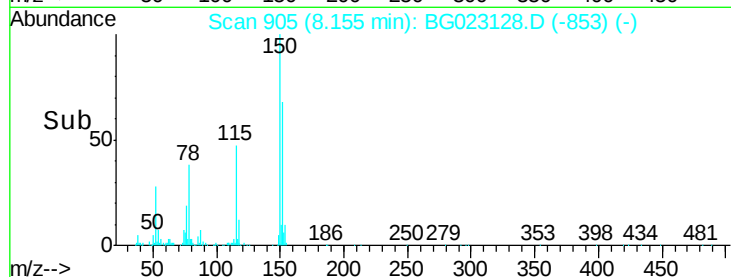
115 68.9 64.0 96.0



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: 136.92 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023128.D

Acq: 16 Jul 2016 2:15

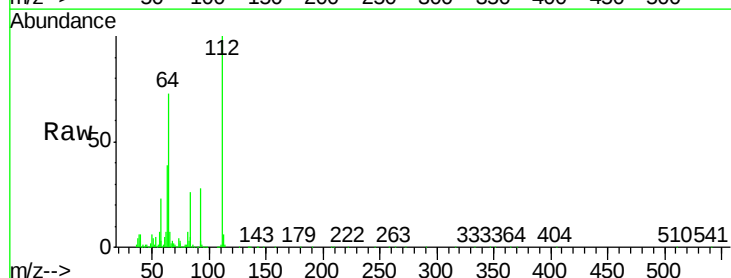
Tgt Ion:112 Resp: 783555

Ion Ratio Lower Upper

112 100

64 72.8 59.0 88.4

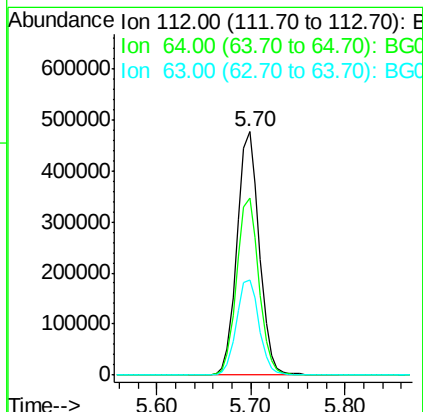
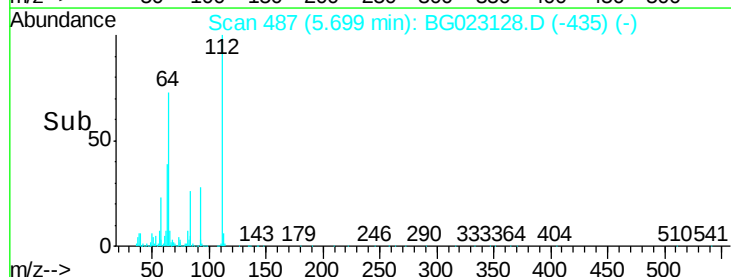
63 39.2 37.8 56.8

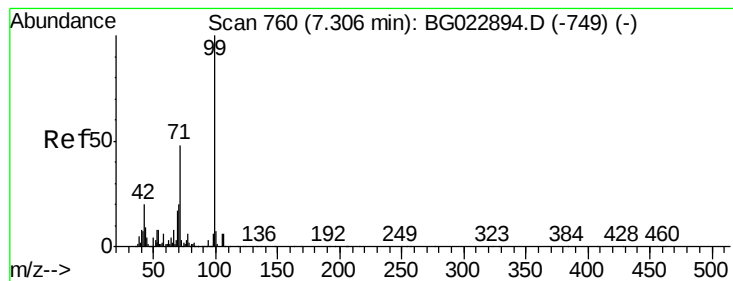


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 136.99 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023128.D

Acq: 16 Jul 2016 2:15

Instrument :

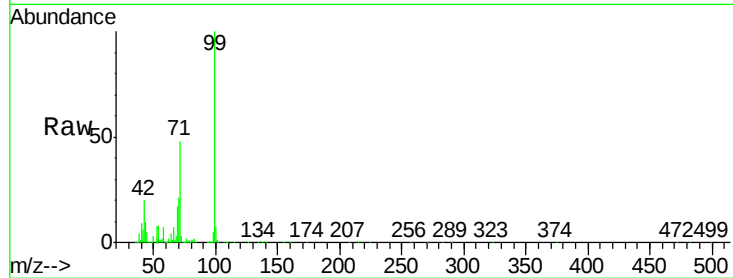
BNA_G

ClientSampleId :

PB92133BL

Tgt Ion: 99 Resp: 1227876

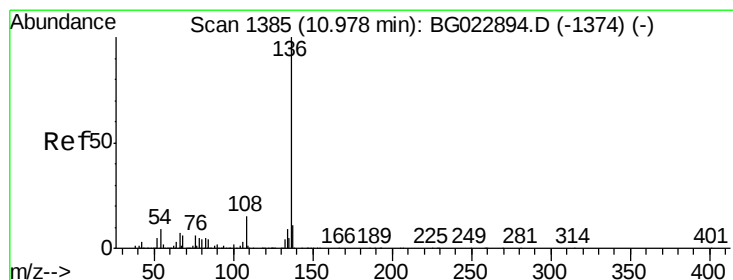
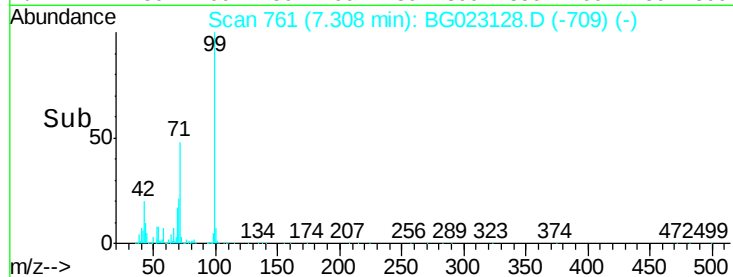
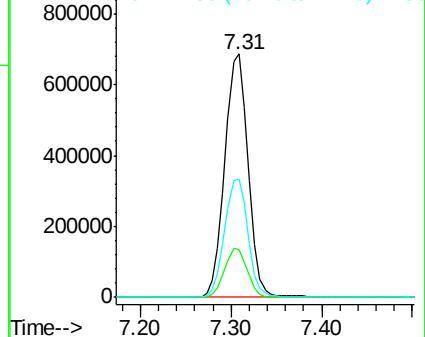
Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.8	26.6
71	48.3	41.5	62.3



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

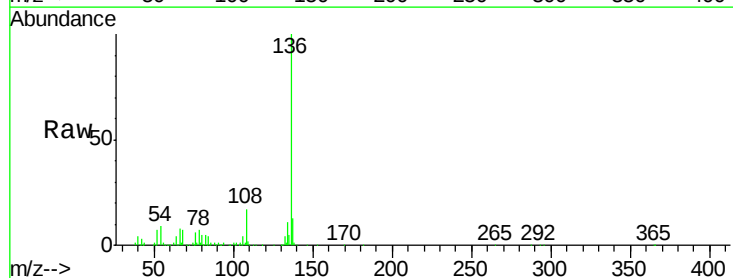
Delta R.T. 0.00 min

Lab File: BG023128.D

Acq: 16 Jul 2016 2:15

Tgt Ion: 136 Resp: 443964

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.6	14.4
54	9.2	7.3	10.9
68	7.1	5.3	7.9

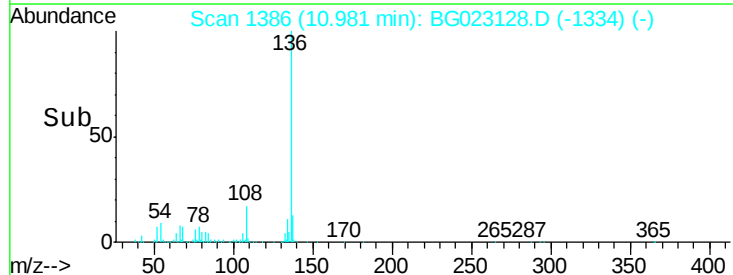
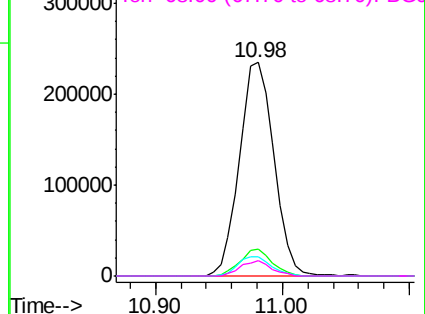


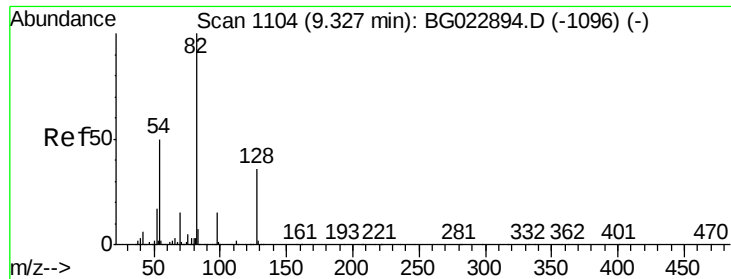
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

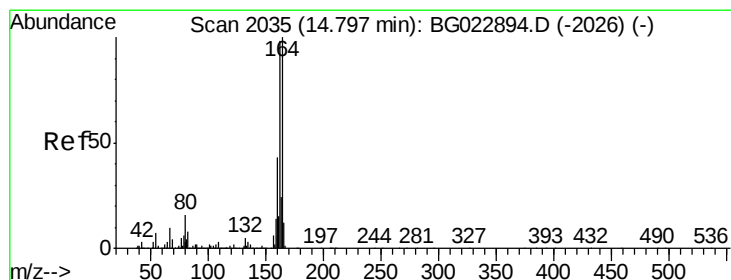
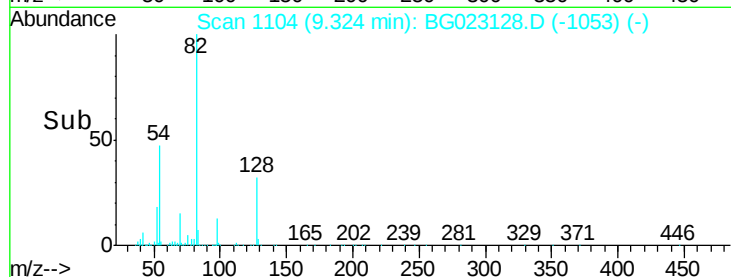
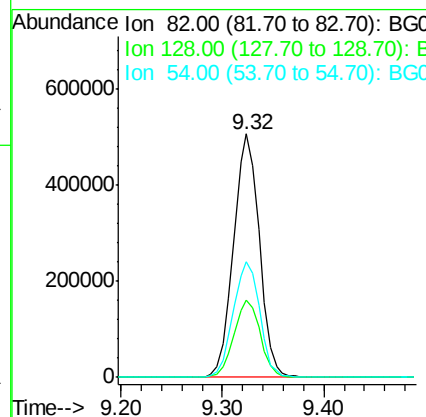
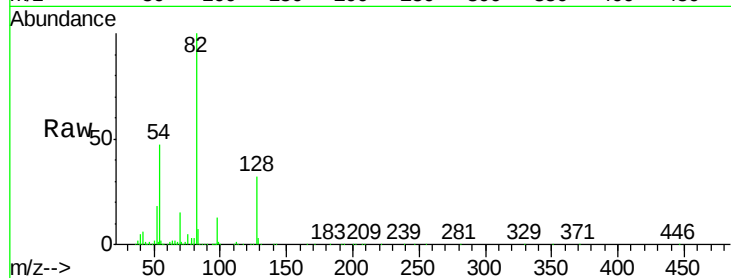




#23
 Nitrobenzene-d5
 Concen: 86.03 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023128.D
 Acq: 16 Jul 2016 2:15

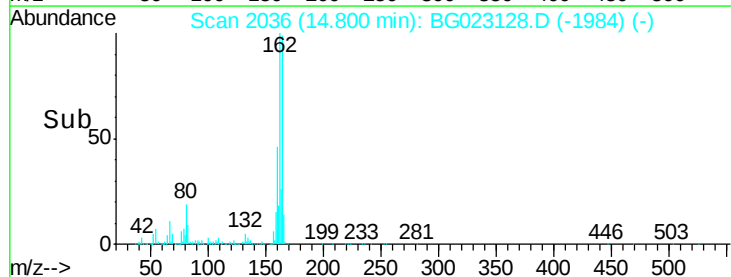
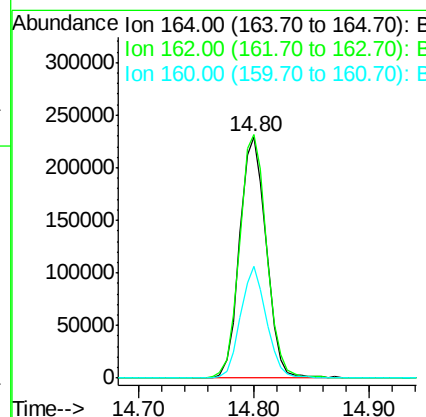
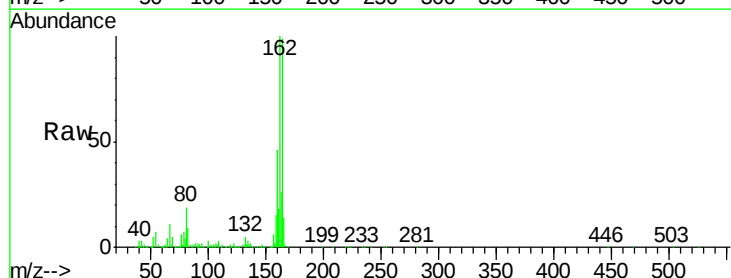
Instrument :
 BNA_G
 ClientSampleId :
 PB92133BL

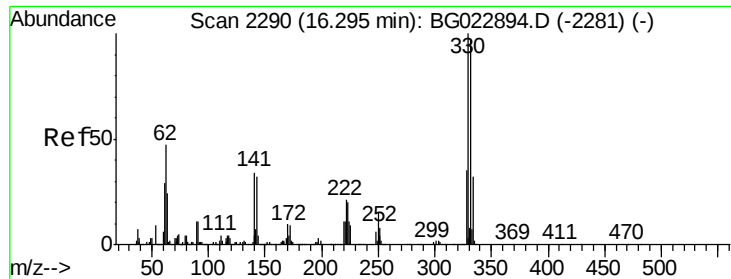
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.8	24.4	36.6
54	47.5	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023128.D
 Acq: 16 Jul 2016 2:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	87.7	131.5
160	46.1	37.2	55.8

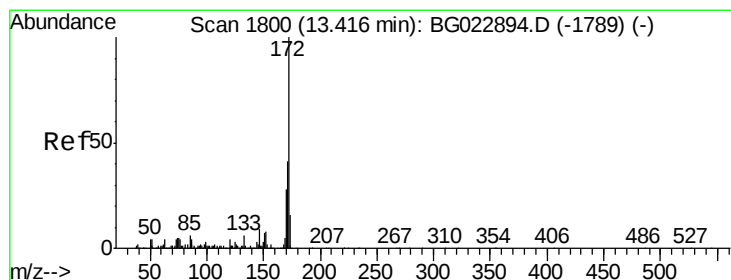
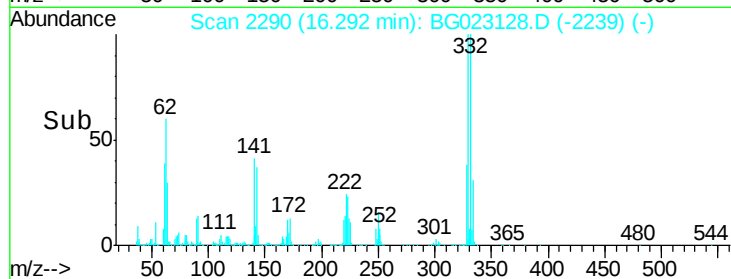
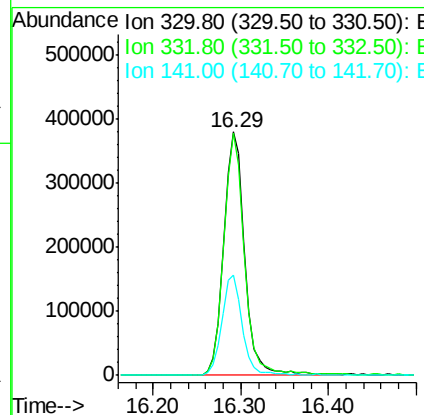
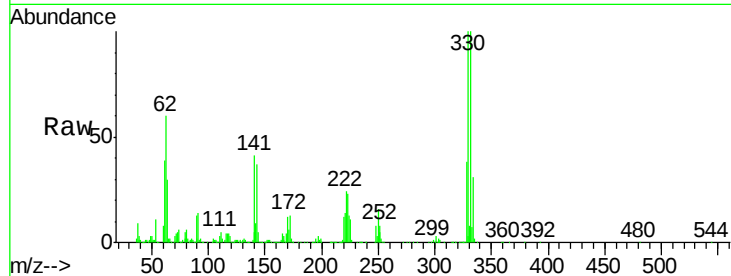




#41
 2,4,6-Tribromophenol
 Concen: 96.55 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023128.D
 Acq: 16 Jul 2016 2:15

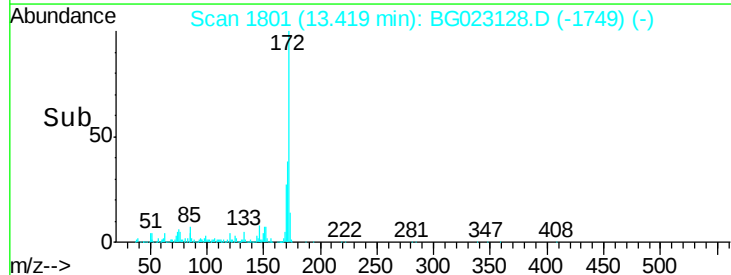
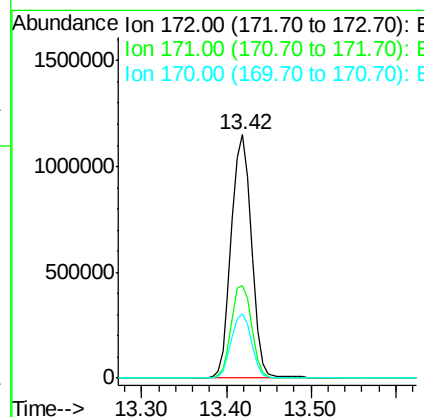
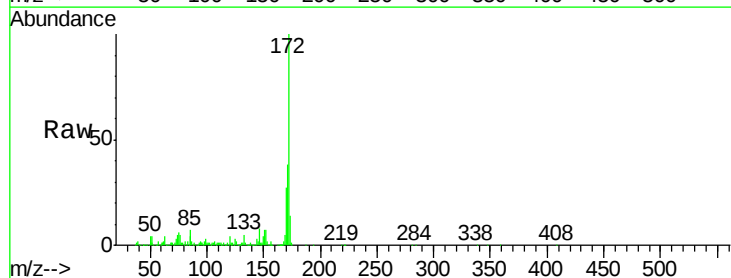
Instrument :
 BNA_G
 ClientSampleId :
 PB92133BL

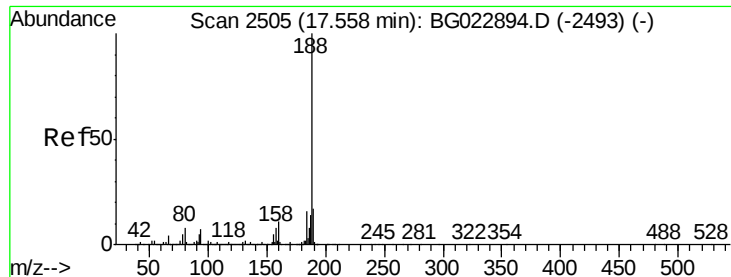
Tgt Ion:330 Resp: 633679
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 40.1 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 81.83 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023128.D
 Acq: 16 Jul 2016 2:15

Tgt Ion:172 Resp: 1897195
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.6 47.4
 170 26.6 21.3 31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023128.D

Acq: 16 Jul 2016 2:15

Instrument :

BNA_G

ClientSampleId :

PB92133BL

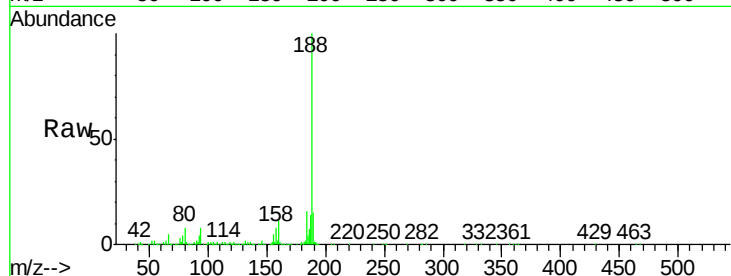
Tgt Ion:188 Resp: 886978

Ion Ratio Lower Upper

188 100

94 7.6 5.2 7.8

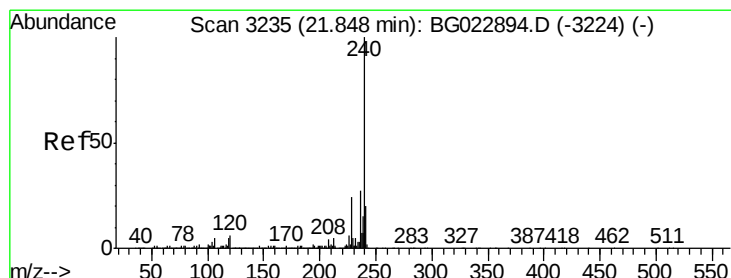
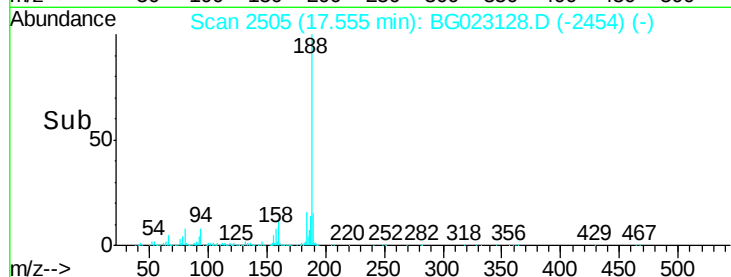
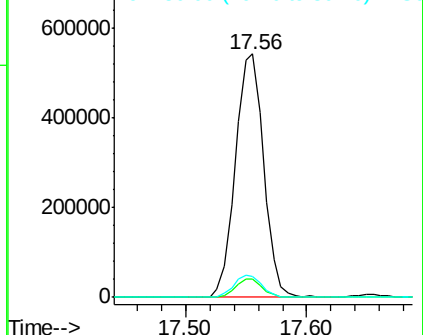
80 8.4 7.2 10.8



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: BG023128.D

Acq: 16 Jul 2016 2:15

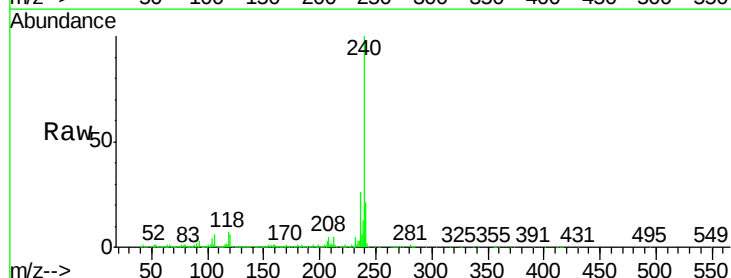
Tgt Ion:240 Resp: 958149

Ion Ratio Lower Upper

240 100

120 6.3 4.1 6.1#

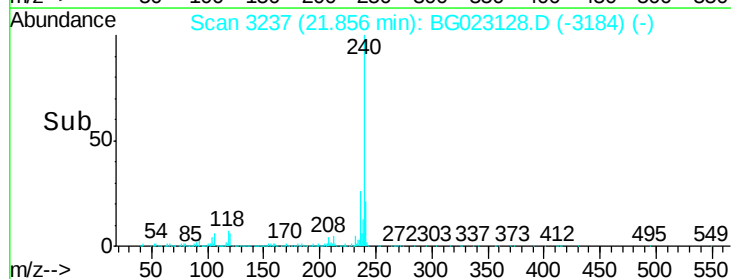
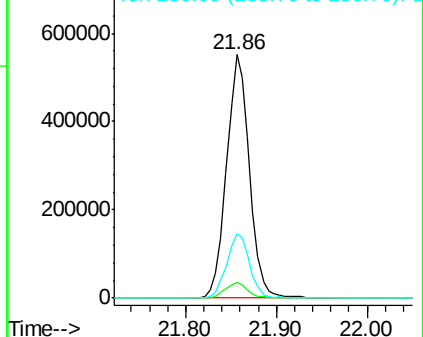
236 26.2 21.1 31.7

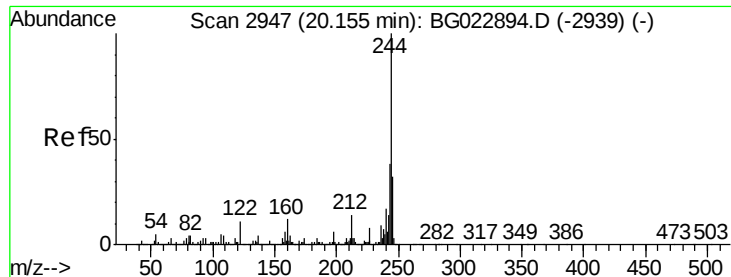


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.03 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023128.D

Acq: 16 Jul 2016 2:15

Instrument :

BNA_G

ClientSampleId :

PB92133BL

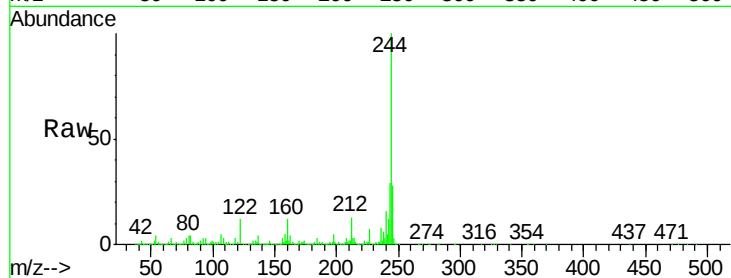
Tgt Ion:244 Resp: 2777771

Ion	Ratio	Lower	Upper
244	100		
212	12.8	10.8	16.2
122	11.5	8.0	12.0

244 100

212 12.8 10.8 16.2

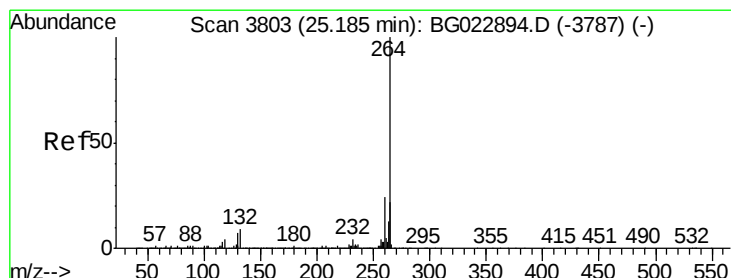
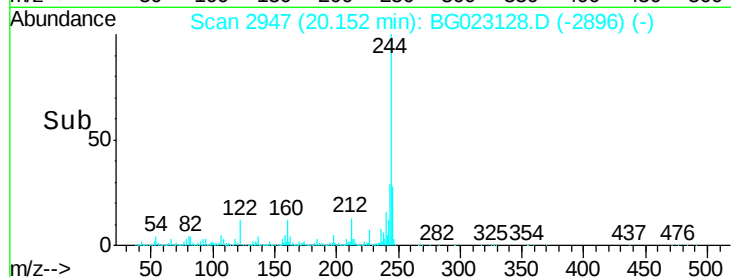
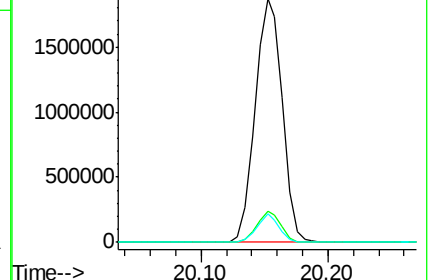
122 11.5 8.0 12.0



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: 25.24 min Scan# 3813

Delta R.T. 0.06 min

Lab File: BG023128.D

Acq: 16 Jul 2016 2:15

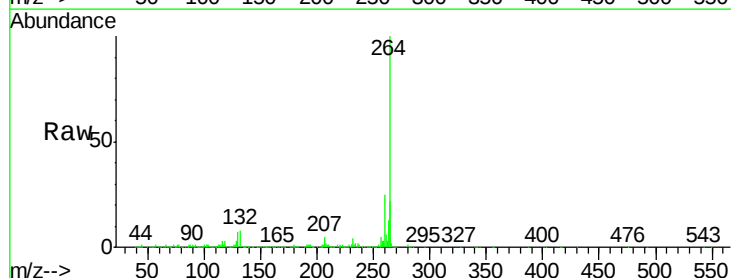
Tgt Ion:264 Resp: 899909

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.4	27.6
265	22.3	18.9	28.3

264 100

260 24.5 18.4 27.6

265 22.3 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

