

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090116\
 Data File : BG023940.D
 Acq On : 1 Sep 2016 19:49
 Operator : UM/SJ
 Sample : PB93192TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93192TB

Quant Time: Sep 02 01:20:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	25857	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	108024	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	88131	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	258956	20.00	ng	0.00
75) Chrysene-d12	21.84	240	289779	20.00	ng	0.00
86) Perylene-d12	25.21	264	262495	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	199474	135.44	ng	0.00
7) Phenol-d6	7.26	99	300457	132.53	ng	0.00
23) Nitrobenzene-d5	9.26	82	220737	91.23	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	196343	123.65	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	507587	82.57	ng	0.00
78) Terphenyl-d14	20.13	244	1105605	86.89	ng	0.00

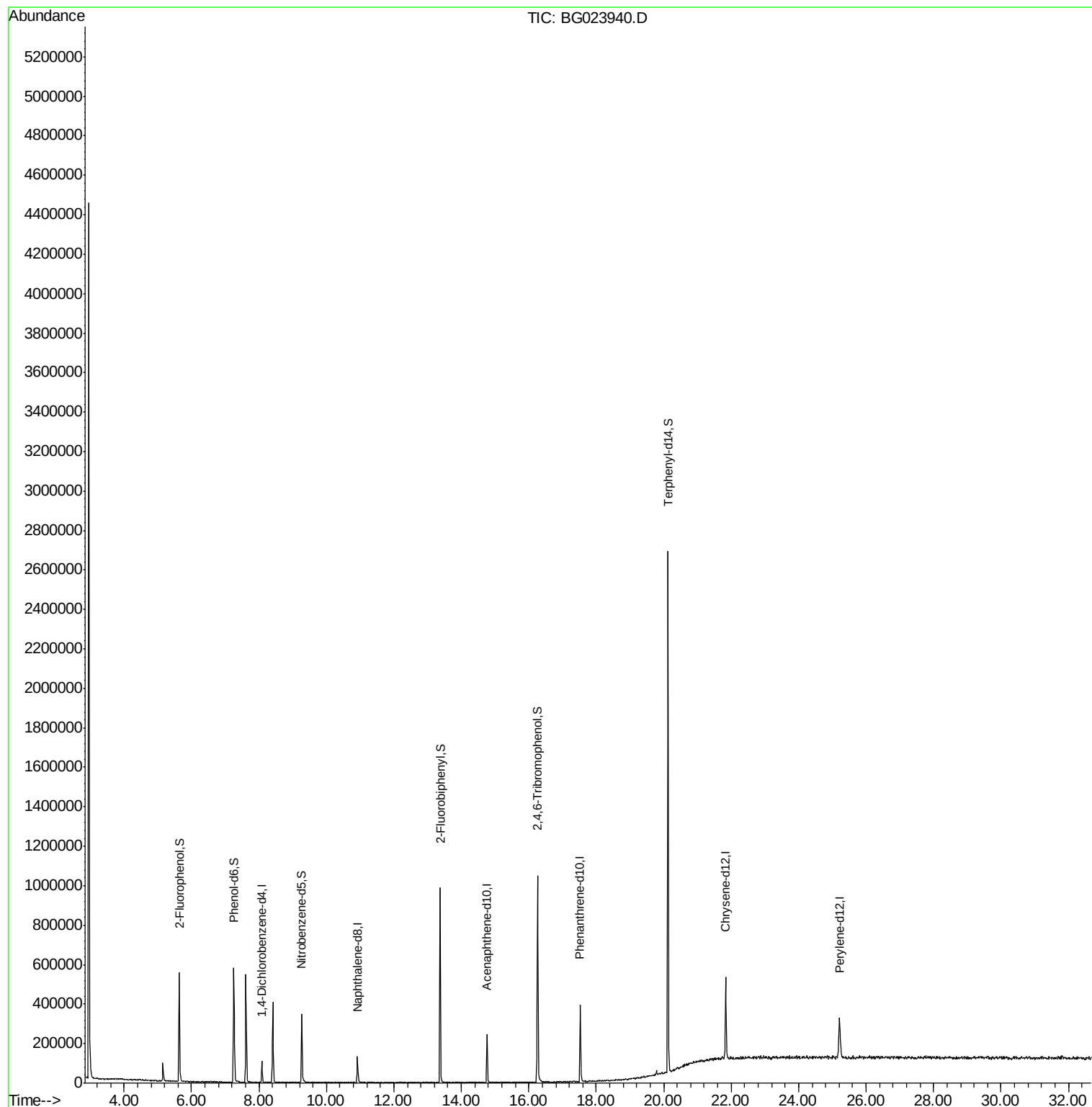
Target Compounds	Qvalue
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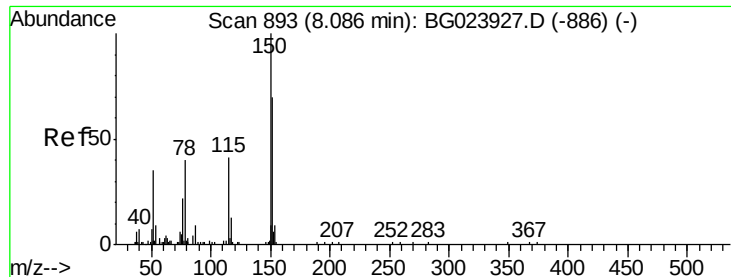
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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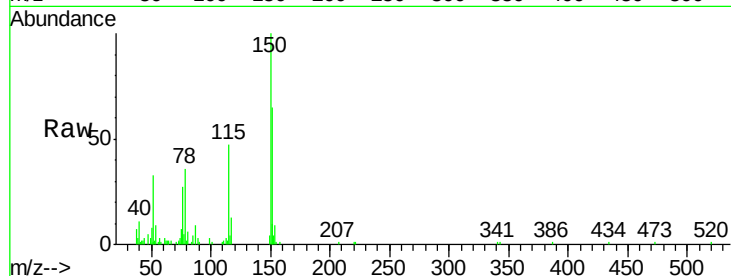


#1

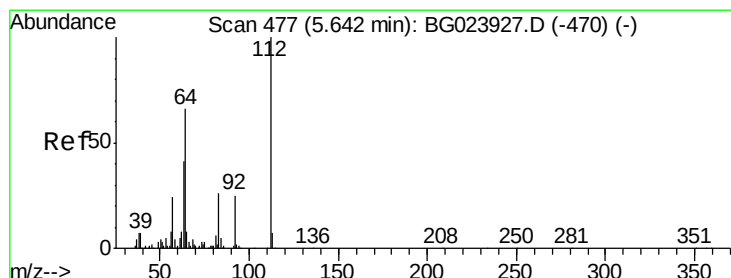
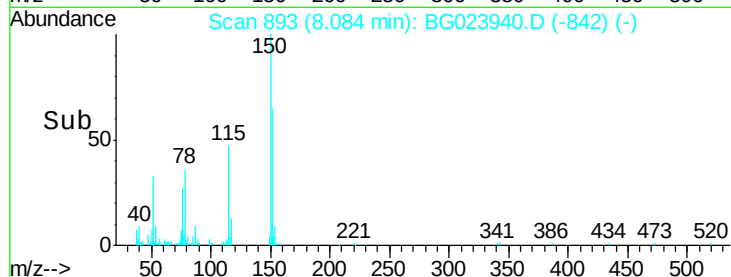
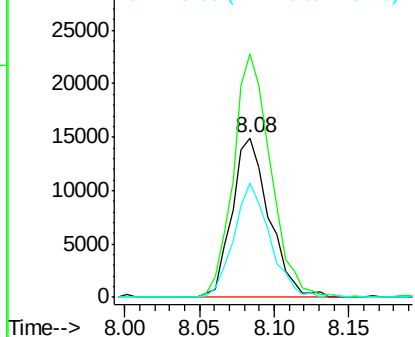
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG023940.D
Acq: 1 Sep 2016 19:49

Instrument :
BNA_G
ClientSampleId :
PB93192TB

Tgt Ion:152 Resp: 25857
Ion Ratio Lower Upper
152 100
150 152.8 144.7 217.1
115 71.8 64.0 96.0



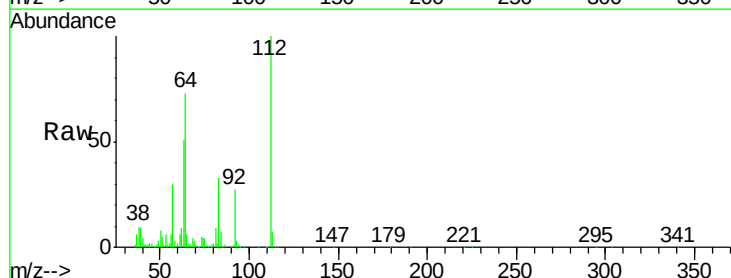
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



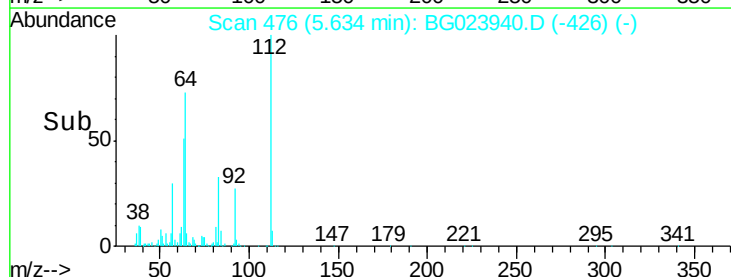
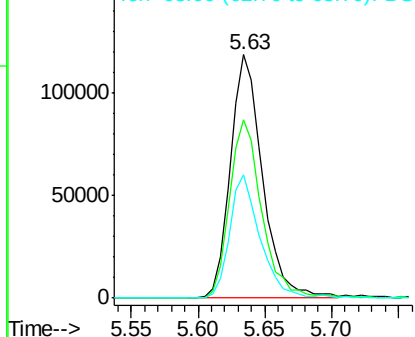
#5

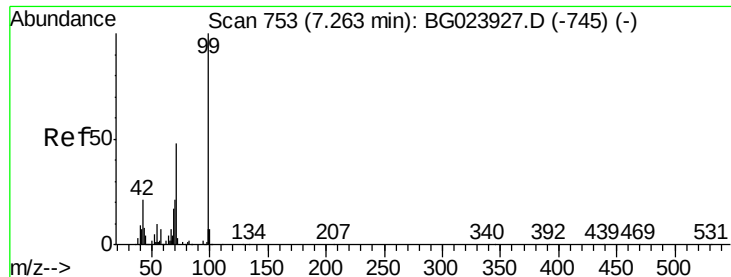
2-Fluorophenol
Concen: 135.44 ng
RT: 5.63 min Scan# 476
Delta R.T. -0.01 min
Lab File: BG023940.D
Acq: 1 Sep 2016 19:49

Tgt Ion:112 Resp: 199474
Ion Ratio Lower Upper
112 100
64 73.2 59.0 88.4
63 50.7 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





#7

Phenol-d6

Concen: 132.53 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG023940.D

Acq: 1 Sep 2016 19:49

Instrument :

BNA_G

ClientSampleId :

PB93192TB

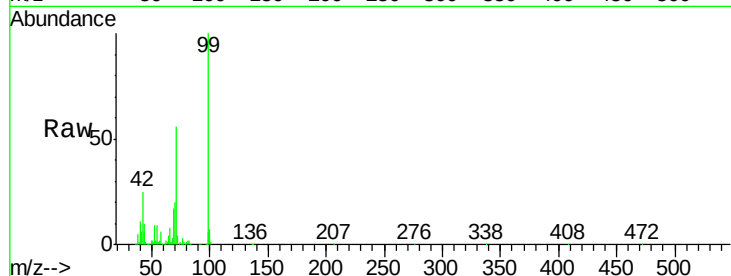
Tgt Ion: 99 Resp: 300457

Ion Ratio Lower Upper

99 100

42 24.8 17.8 26.6

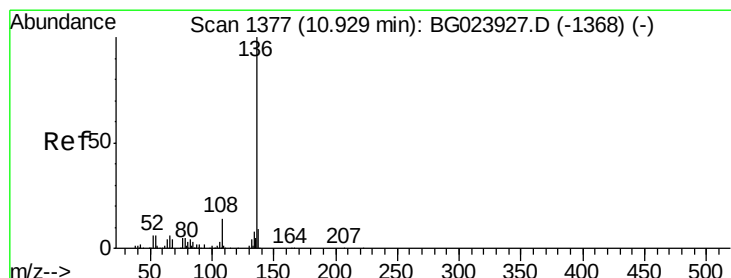
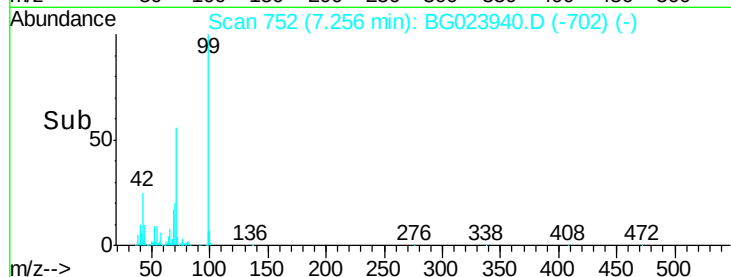
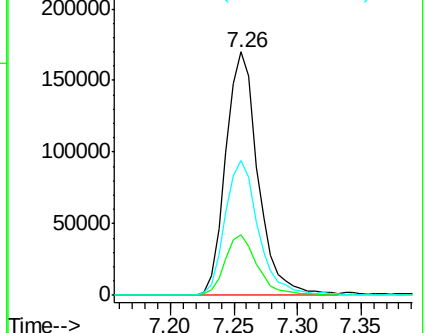
71 55.6 41.5 62.3



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: 10.92 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BG023940.D

Acq: 1 Sep 2016 19:49

Tgt Ion: 136 Resp: 108024

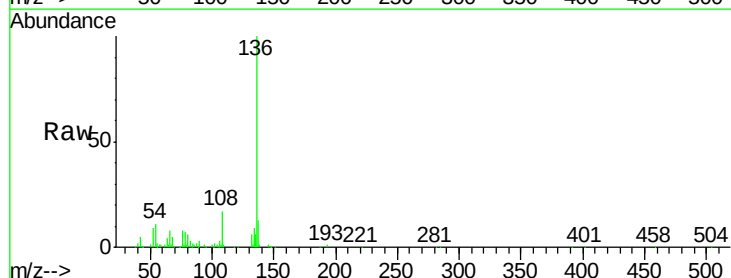
Ion Ratio Lower Upper

136 100

137 12.7 9.6 14.4

54 11.3 7.3 10.9#

68 5.3 5.3 7.9

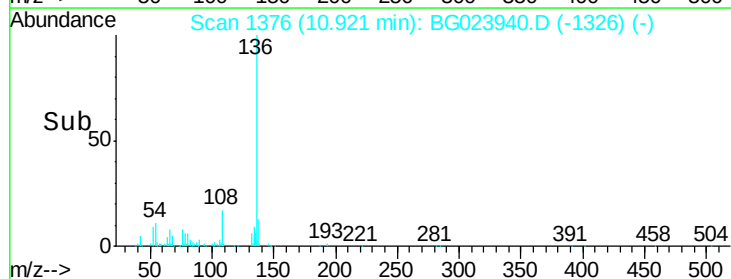
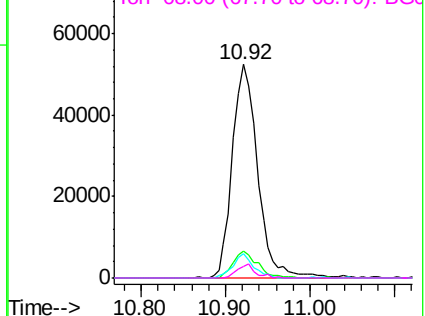


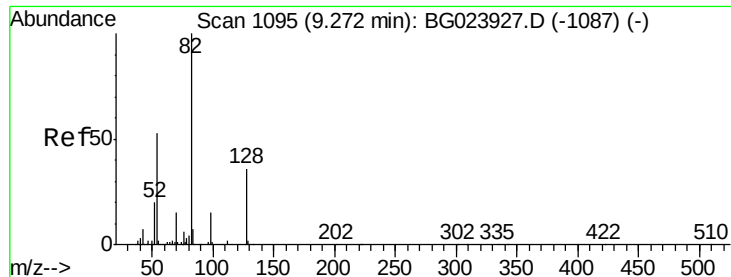
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

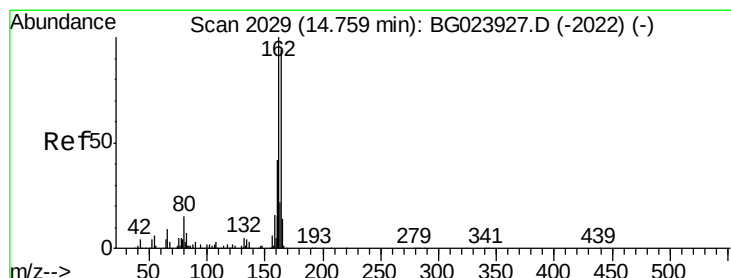
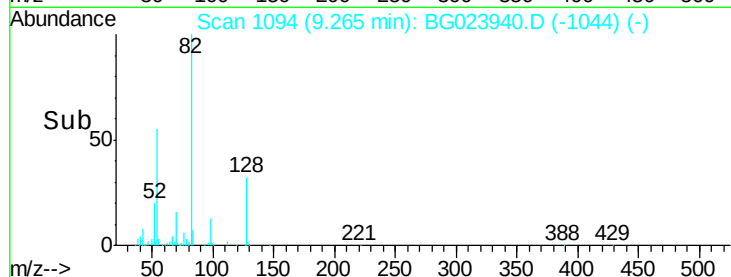
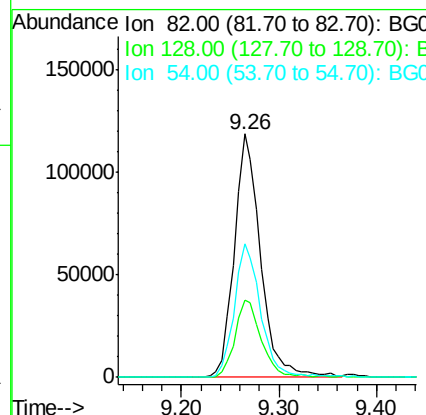
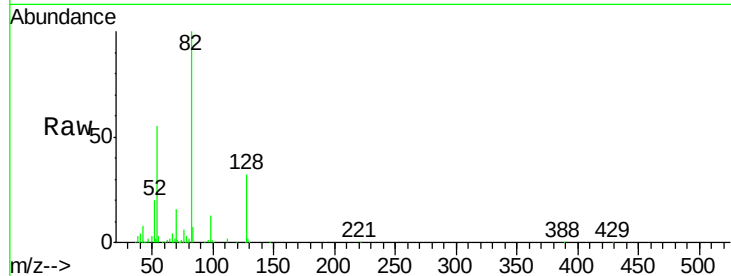




#23
 Nitrobenzene-d5
 Concen: 91.23 ng
 RT: 9.26 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BG023940.D
 Acq: 1 Sep 2016 19:49

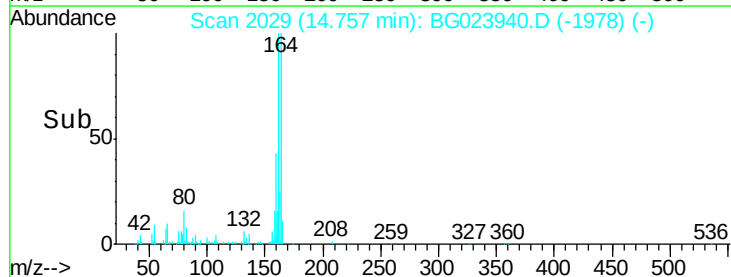
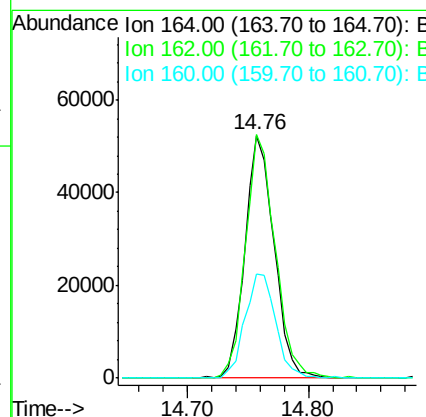
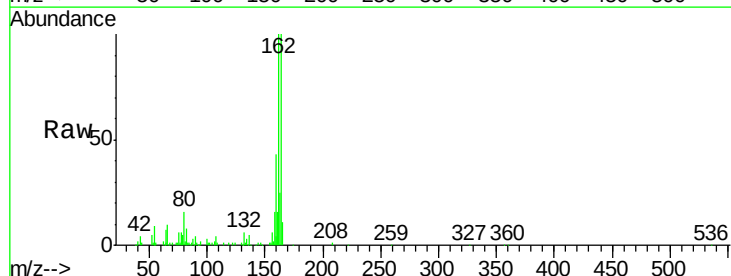
Instrument :
 BNA_G
 ClientSampleId :
 PB93192TB

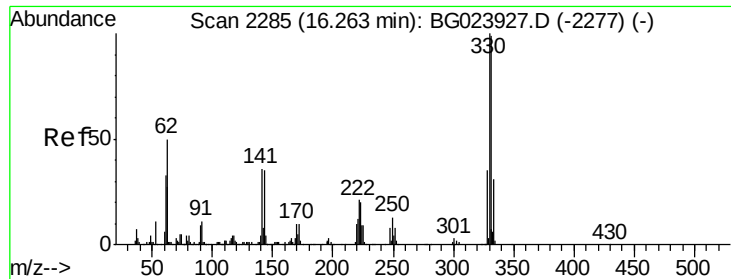
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.5	24.4	36.6
54	54.8	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG023940.D
 Acq: 1 Sep 2016 19:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	87.7	131.5
160	42.8	37.2	55.8

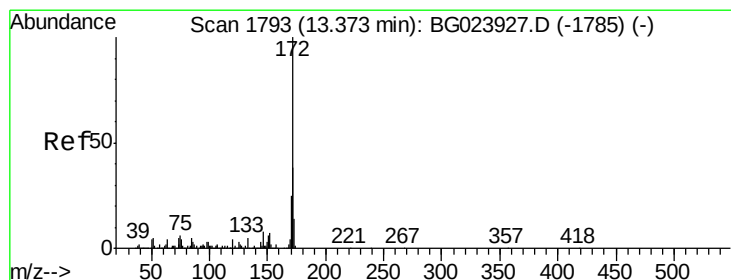
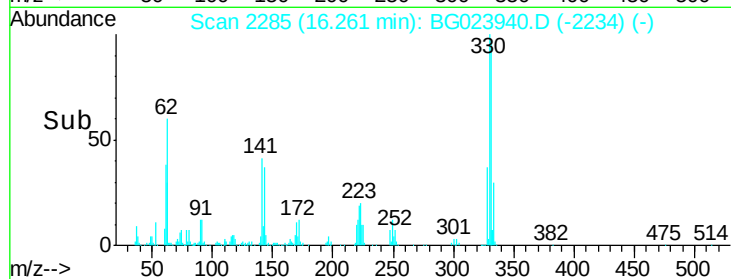
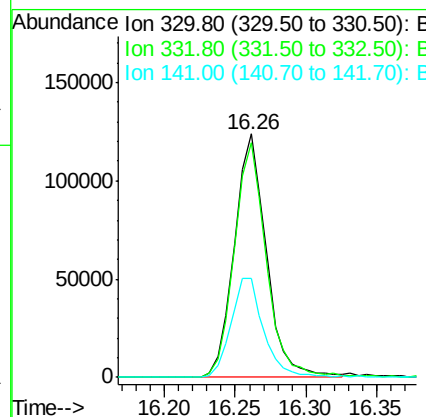
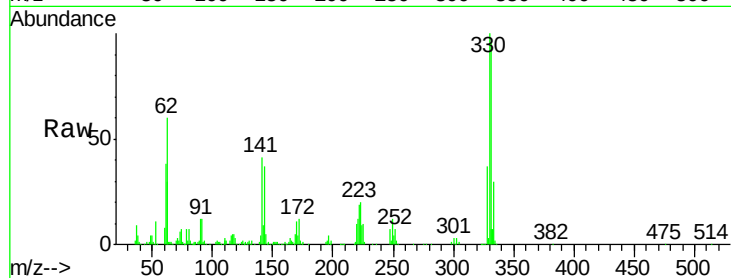




#41
 2,4,6-Tribromophenol
 Concen: 123.65 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG023940.D
 Acq: 1 Sep 2016 19:49

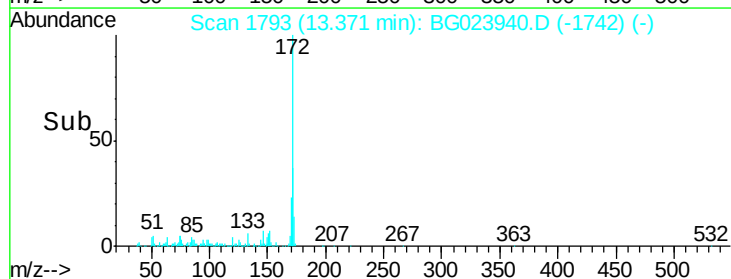
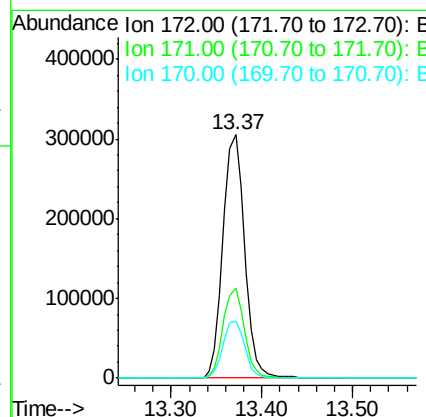
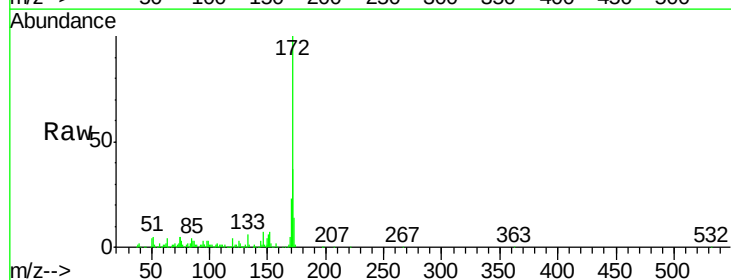
Instrument :
 BNA_G
 ClientSampleId :
 PB93192TB

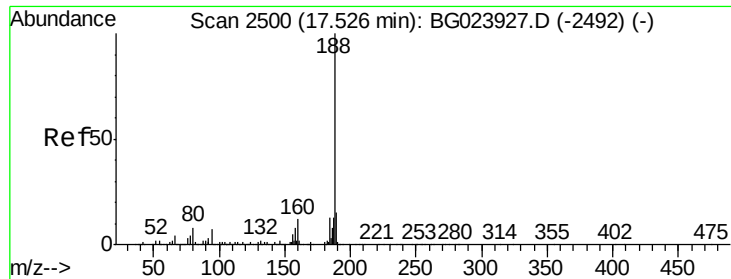
Tgt Ion:330 Resp: 196343
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 42.0 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 82.57 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG023940.D
 Acq: 1 Sep 2016 19:49

Tgt Ion:172 Resp: 507587
 Ion Ratio Lower Upper
 172 100
 171 37.0 31.6 47.4
 170 23.3 21.3 31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.52 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG023940.D

Acq: 1 Sep 2016 19:49

Instrument :

BNA_G

ClientSampleId :

PB93192TB

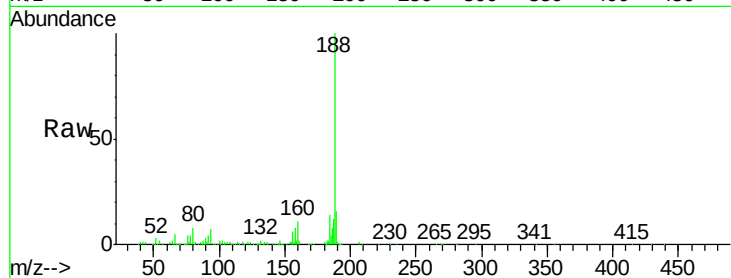
Tgt Ion:188 Resp: 258956

Ion Ratio Lower Upper

188 100

94 6.8 5.2 7.8

80 8.0 7.2 10.8



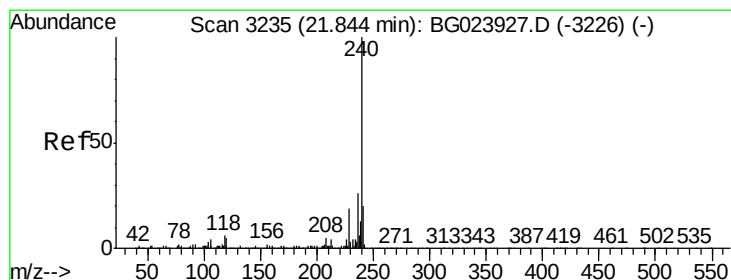
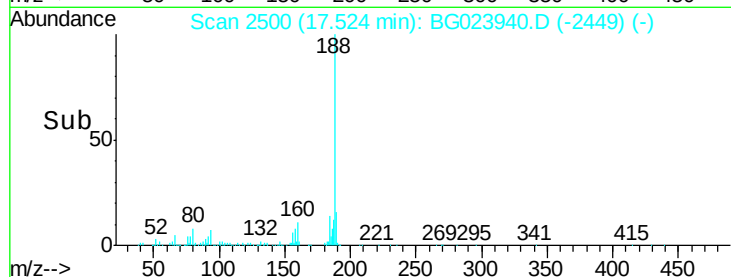
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.52

Time--> 17.40 17.50 17.60



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. -0.01 min

Lab File: BG023940.D

Acq: 1 Sep 2016 19:49

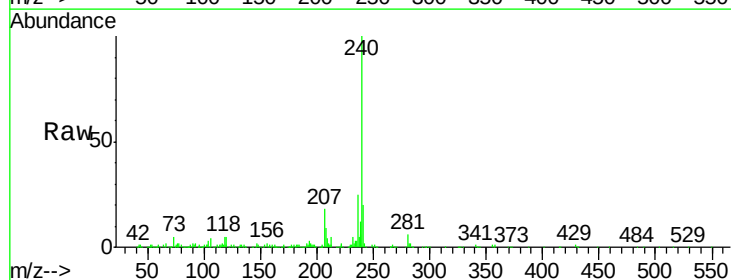
Tgt Ion:240 Resp: 289779

Ion Ratio Lower Upper

240 100

120 4.9 4.1 6.1

236 25.1 21.1 31.7



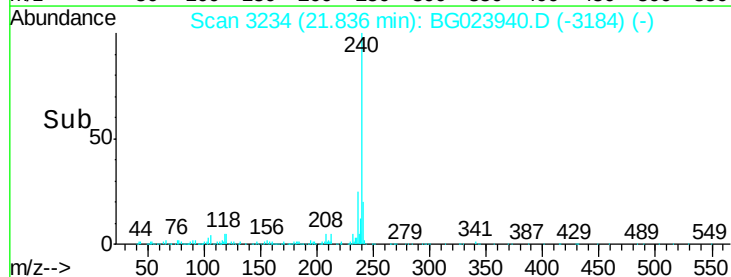
Abundance Ion 240.00 (239.70 to 240.70): E

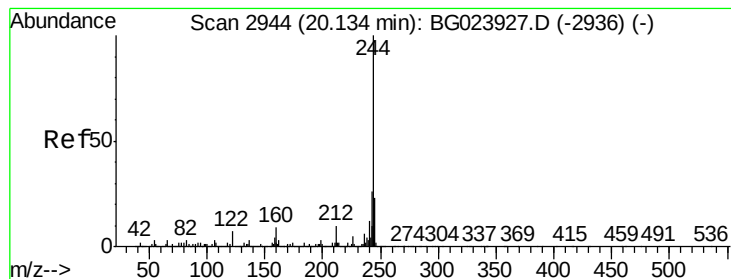
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.84

Time--> 21.70 21.80 21.90 22.00





#78

Terphenyl-d14

Concen: 86.89 ng

RT: 20.13 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BG023940.D

Acq: 1 Sep 2016 19:49

Instrument :

BNA_G

ClientSampled :

PB93192TB

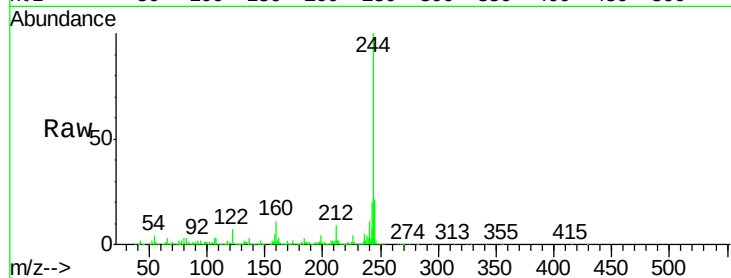
Tgt Ion:244 Resp: 1105605

Ion Ratio Lower Upper

244 100

212 9.0 10.8 16.2#

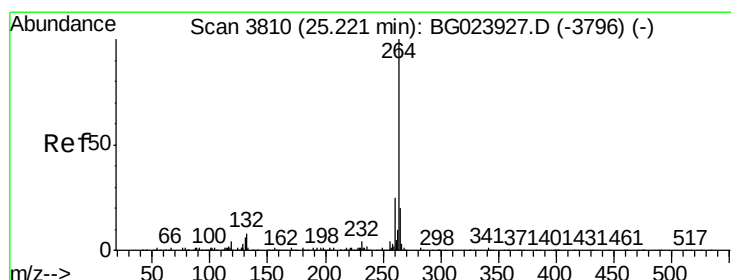
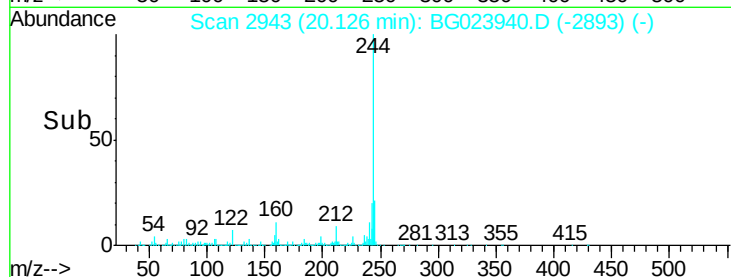
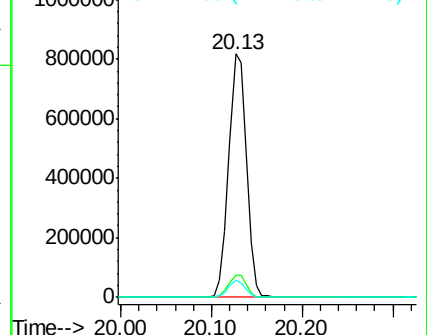
122 7.1 8.0 12.0#



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# 3808

Delta R.T. -0.01 min

Lab File: BG023940.D

Acq: 1 Sep 2016 19:49

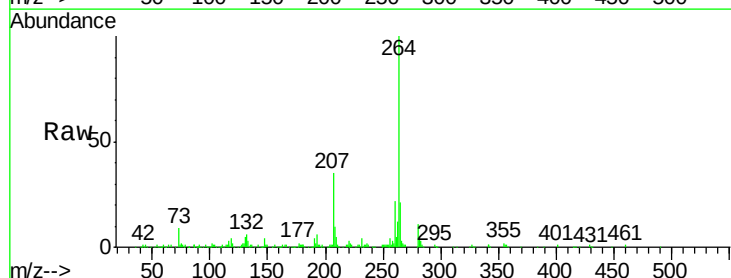
Tgt Ion:264 Resp: 262495

Ion Ratio Lower Upper

264 100

260 22.4 18.4 27.6

265 21.2 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

