

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
 Data File : BG022700.D
 Acq On : 29 Jun 2016 19:20
 Operator : UM/SJ
 Sample : PB91742BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91742BL

Quant Time: Jun 30 04:42:49 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	93010	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	395719	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	322956	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1021875	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1197053	20.00	ng	0.00
86) Perylene-d12	25.18	264	1202931	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	724355	124.91	ng	0.00
7) Phenol-d6	7.30	99	1070734	131.00	ng	0.00
23) Nitrobenzene-d5	9.33	82	697548	74.61	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	671321	132.16	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1606152	78.87	ng	0.00
78) Terphenyl-d14	20.15	244	3004799	66.50	ng	0.00

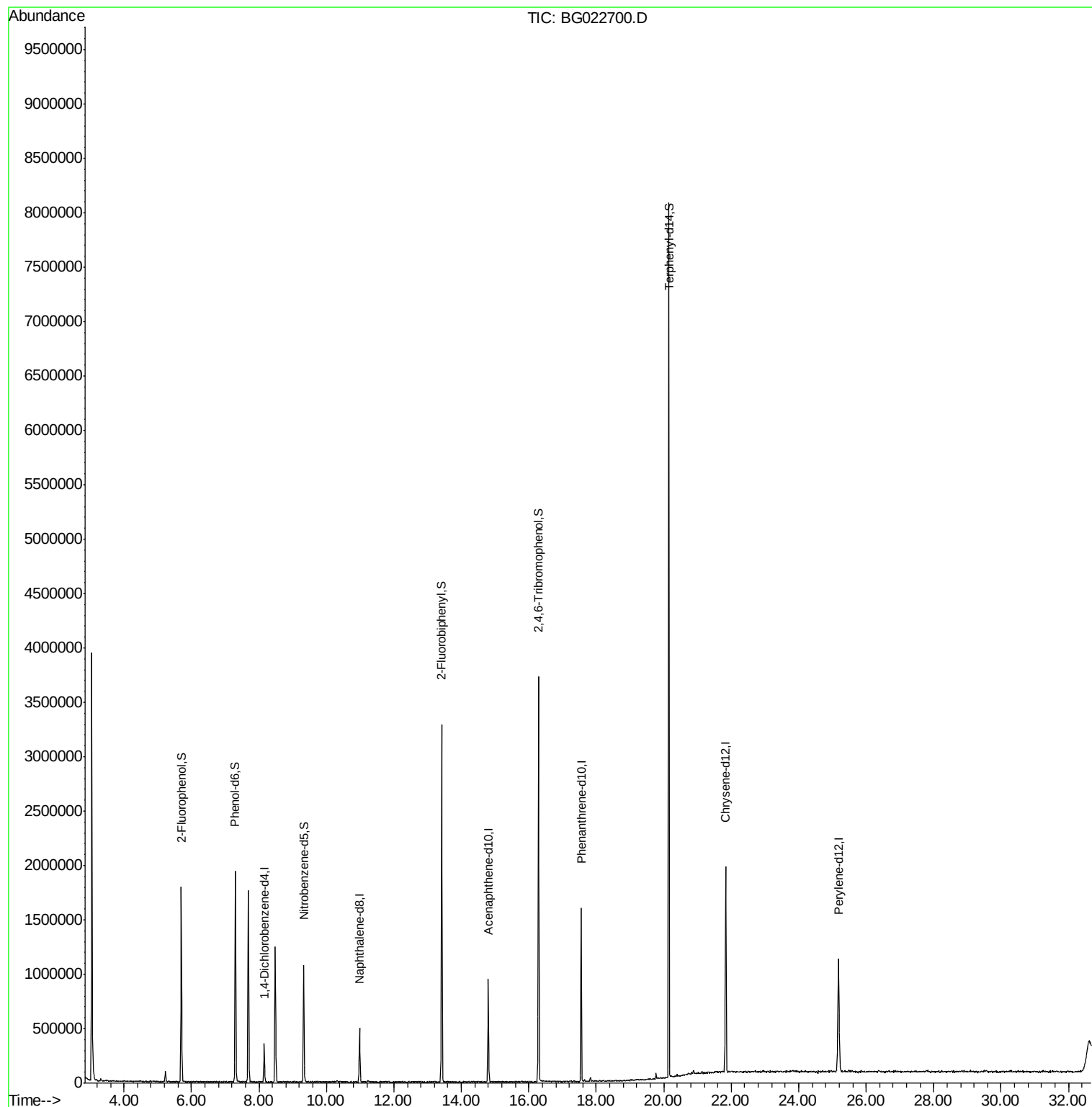
Target Compounds Qvalue

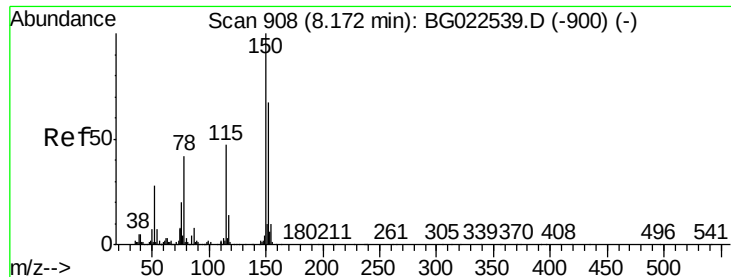
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 24 20:14:59 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG022700.D

Acq: 29 Jun 2016 19:20

Instrument :

BNA_G

ClientSampleId :

PB91742BL

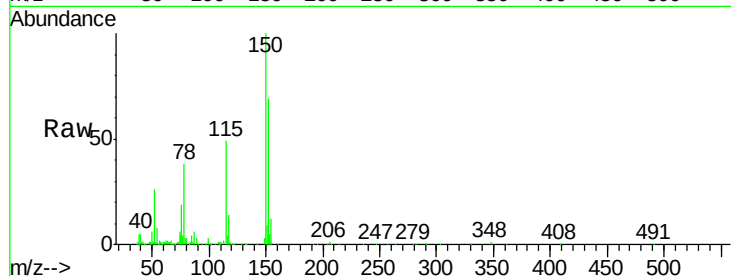
Tot Ion:152 Resp: 93010

Ion Ratio Lower Upper

152 100

150 145.9 144.7 217.1

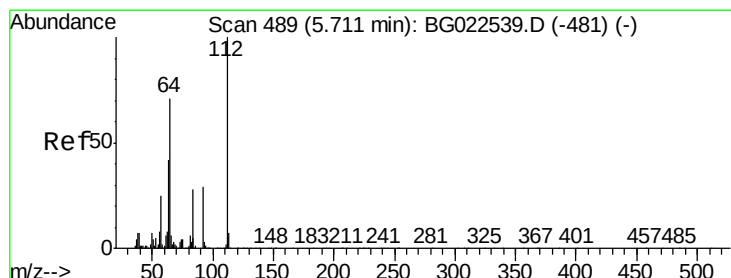
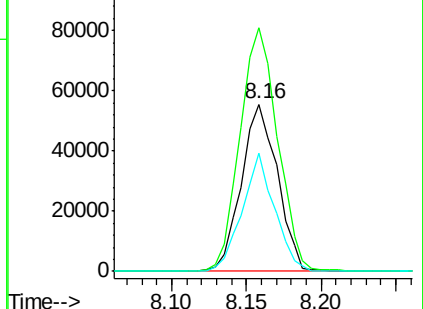
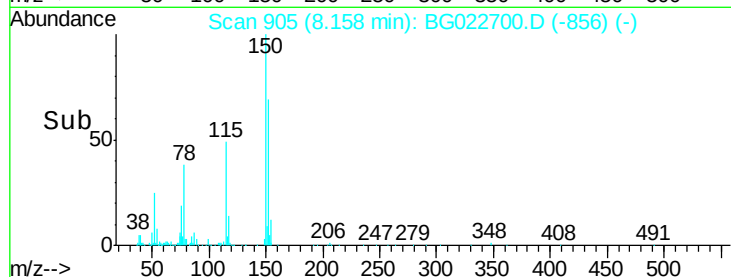
115 71.2 64.0 96.0



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: 124.91 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG022700.D

Acq: 29 Jun 2016 19:20

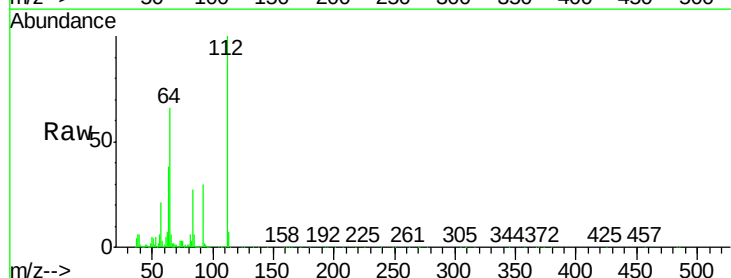
Tgt Ion:112 Resp: 724355

Ion Ratio Lower Upper

112 100

64 66.1 59.0 88.4

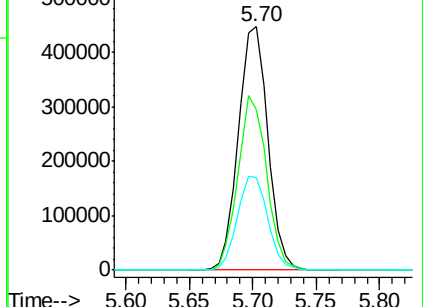
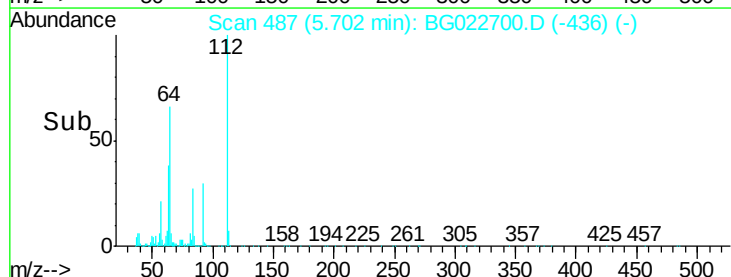
63 38.2 37.8 56.8

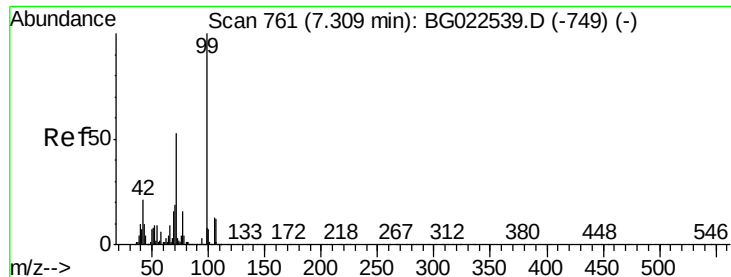


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 131.00 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG022700.D

Acq: 29 Jun 2016 19:20

Instrument :

BNA_G

ClientSampleId :

PB91742BL

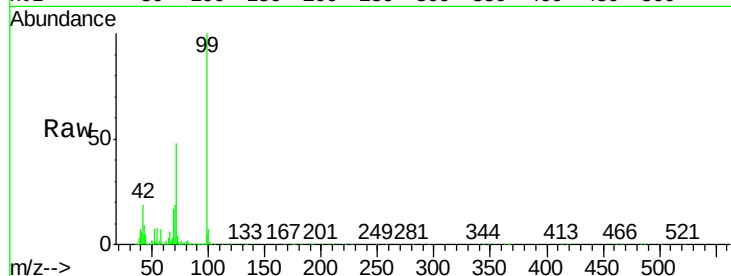
Tot Ion: 99 Resp: 1070734

Ion Ratio Lower Upper

99 100

42 19.1 17.8 26.6

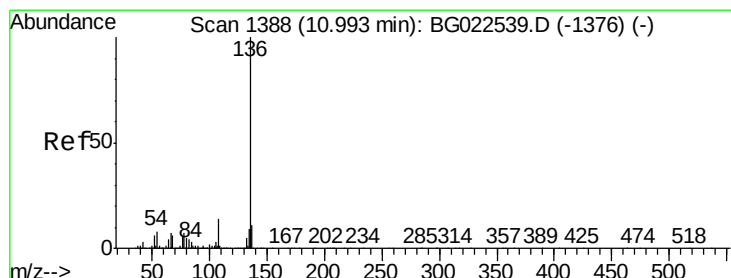
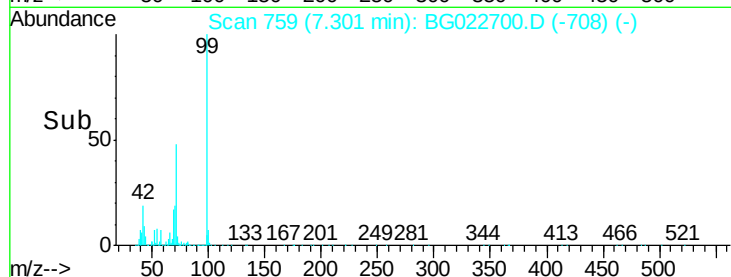
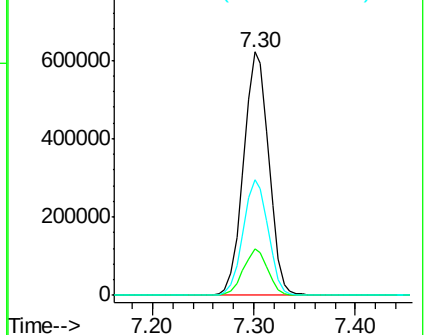
71 47.6 41.5 62.3



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: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG022700.D

Acq: 29 Jun 2016 19:20

Tgt Ion: 136 Resp: 395719

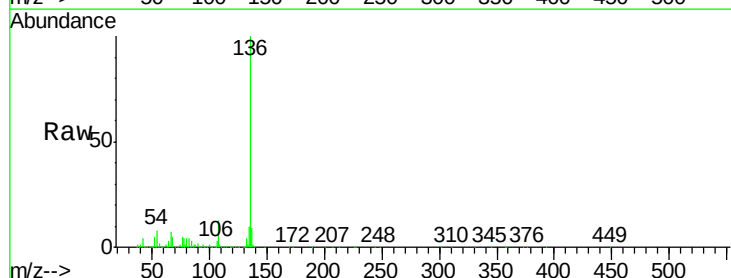
Ion Ratio Lower Upper

136 100

137 9.0 9.6 14.4#

54 7.6 7.3 10.9

68 5.0 5.3 7.9#

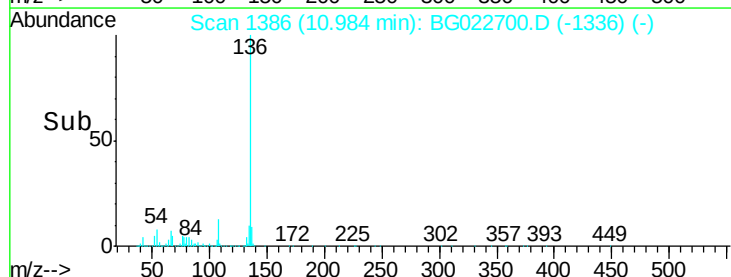
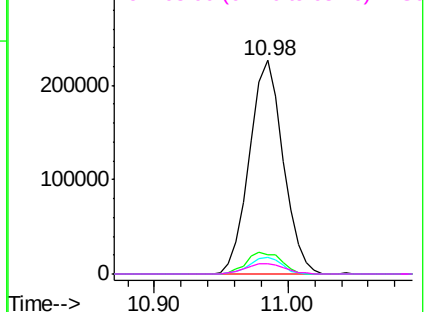


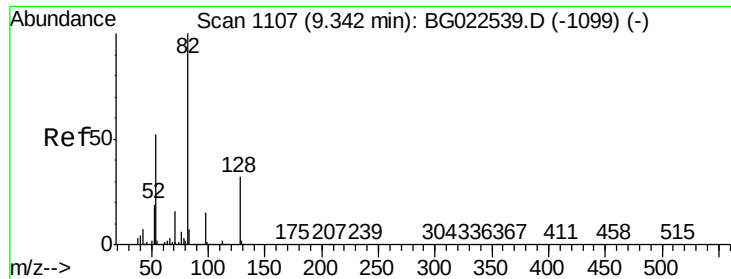
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

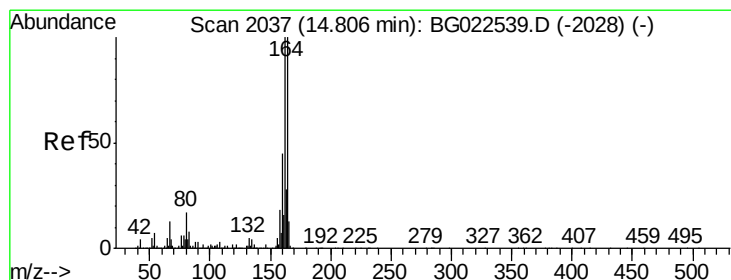
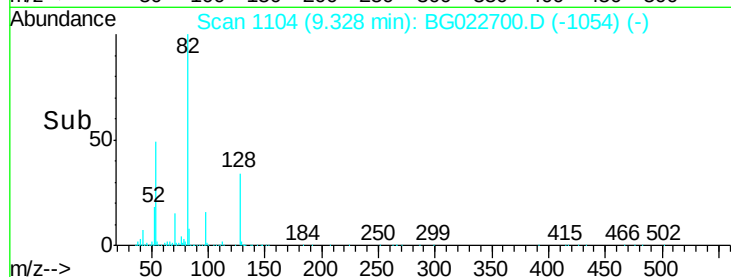
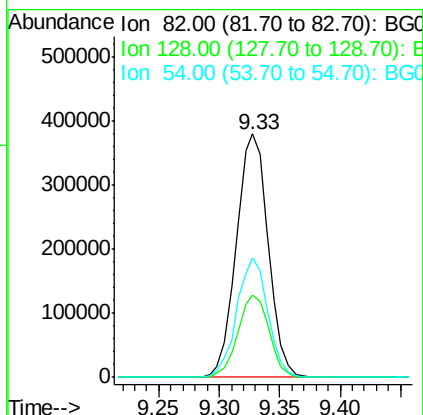
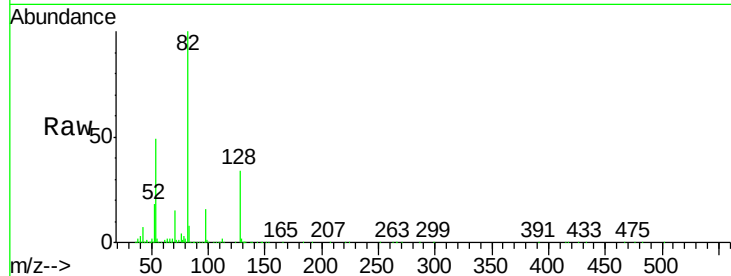




#23
 Nitrobenzene-d5
 Concen: 74.61 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BG022700.D
 Acq: 29 Jun 2016 19:20

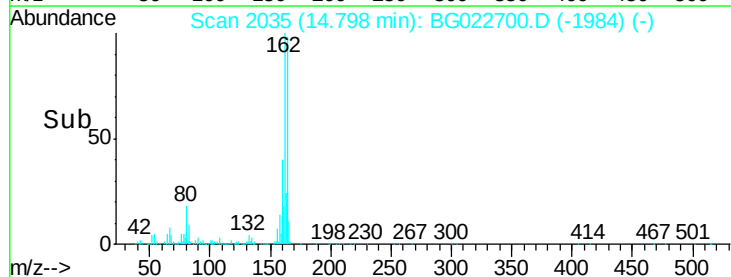
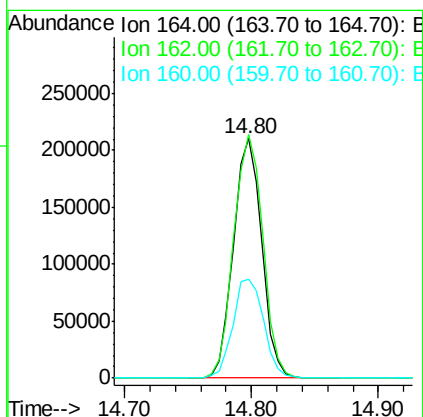
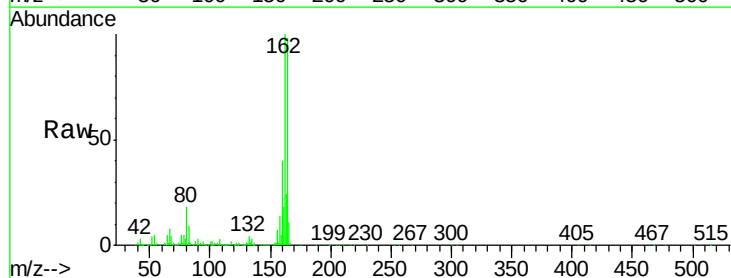
Instrument :
 BNA_G
 ClientSampleID :
 PB91742BL

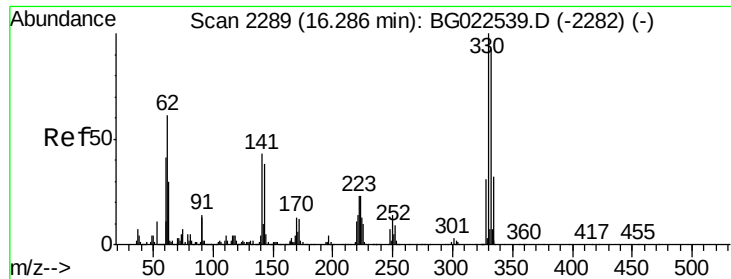
Tot Ion	82	Resp	697548
Ion Ratio	Lower	Upper	
82	100		
128	33.7	24.4	36.6
54	49.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022700.D
 Acq: 29 Jun 2016 19:20

Tgt Ion	164	Resp	322956
Ion Ratio	Lower	Upper	
164	100		
162	101.7	87.7	131.5
160	41.2	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 132.16 ng

RT: 16.28 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BG022700.D

Acq: 29 Jun 2016 19:20

Instrument :

BNA_G

ClientSampleId :

PB91742BL

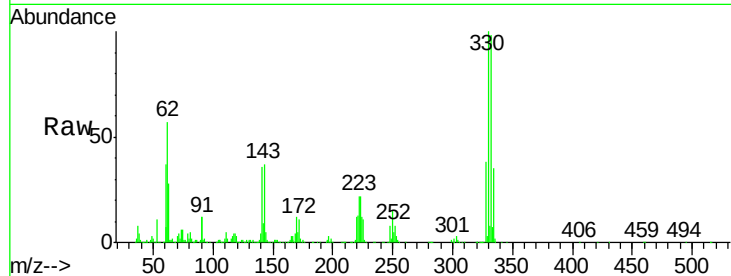
Tot Ion:330 Resp: 671321

Ion Ratio Lower Upper

330 100

332 98.2 77.4 116.2

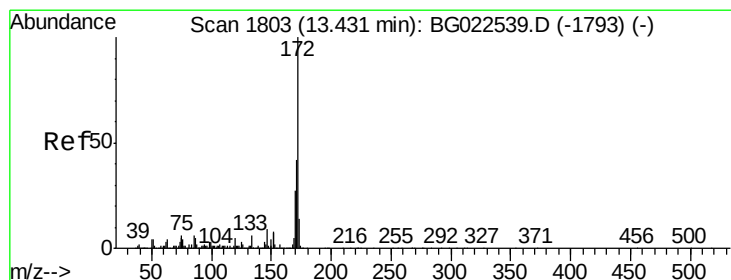
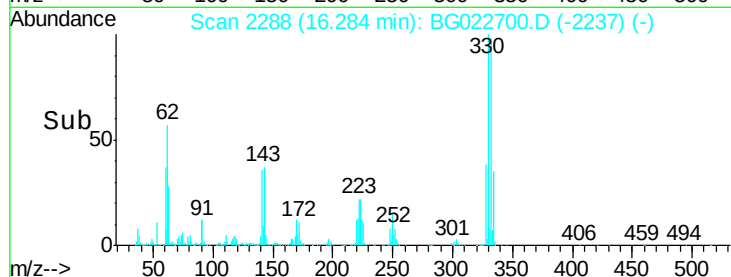
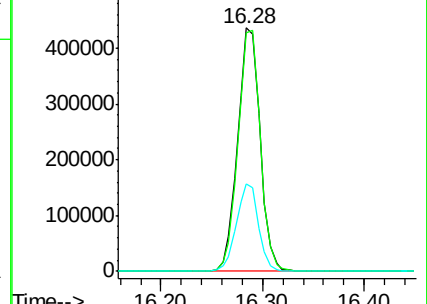
141 35.2 31.7 47.5



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: 78.87 ng

RT: 13.42 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BG022700.D

Acq: 29 Jun 2016 19:20

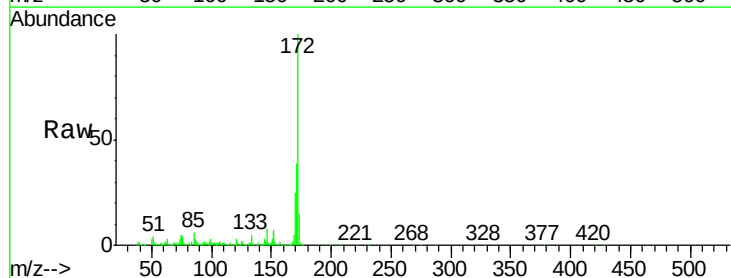
Tgt Ion:172 Resp: 1606152

Ion Ratio Lower Upper

172 100

171 39.1 31.6 47.4

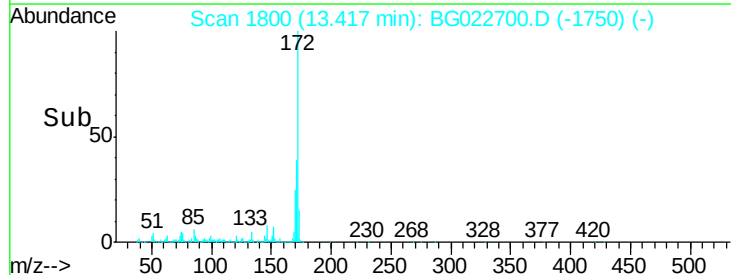
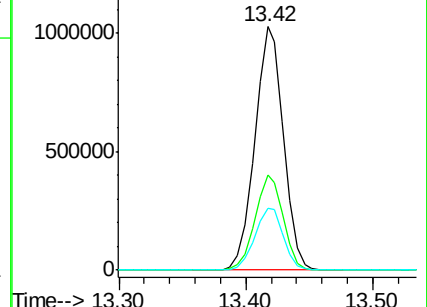
170 25.4 21.3 31.9

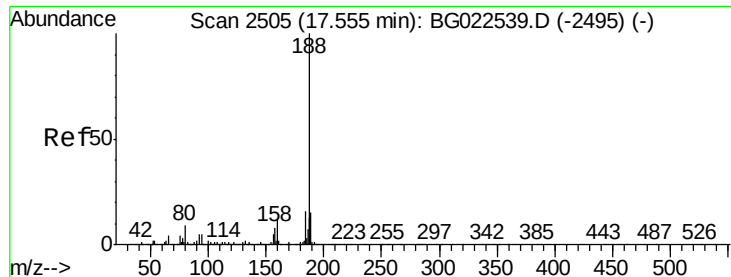


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

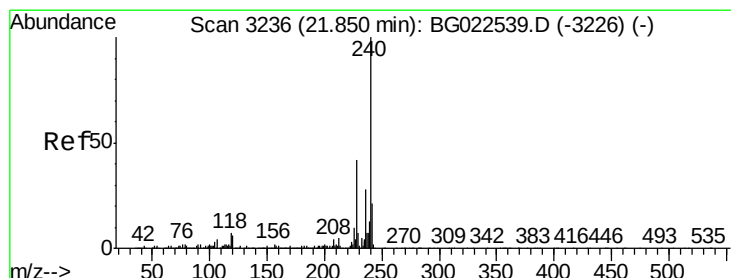
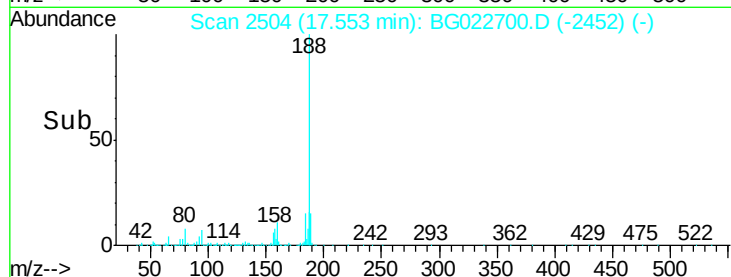
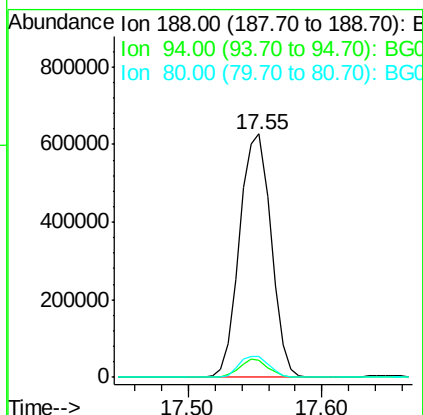
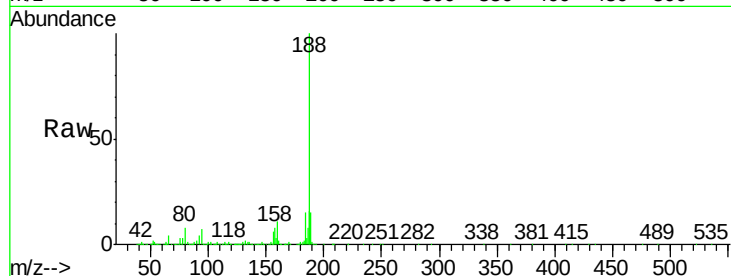




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022700.D
Acq: 29 Jun 2016 19:20

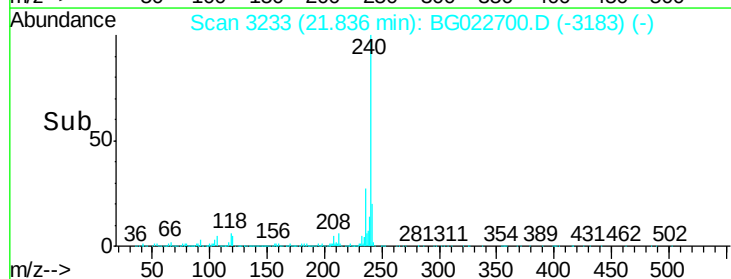
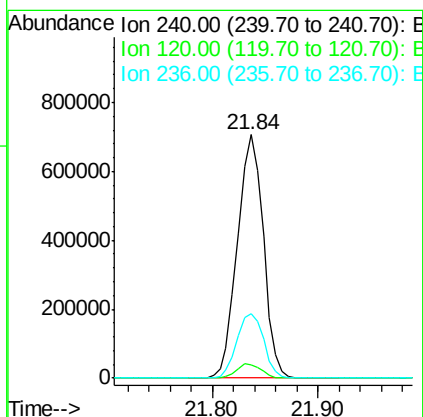
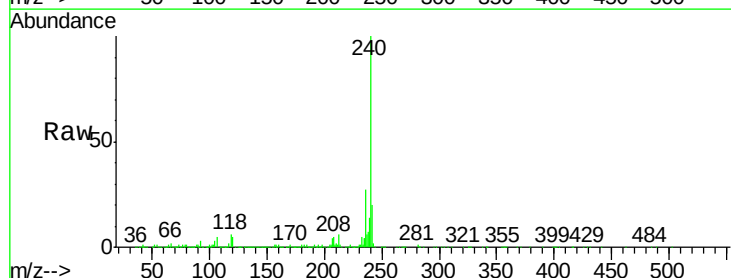
Instrument :
BNA_G
ClientSampleId :
PB91742BL

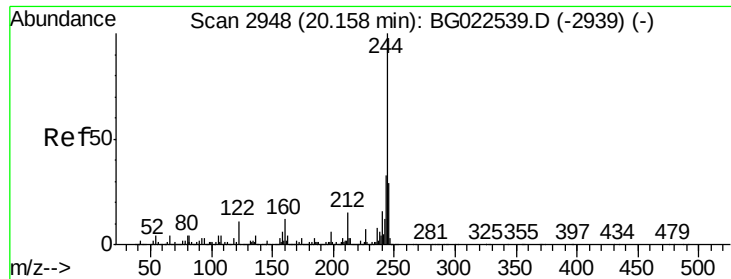
Tot Ion:188 Resp: 1021875
Ion Ratio Lower Upper
188 100
94 7.0 5.2 7.8
80 8.4 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3233
Delta R.T. -0.01 min
Lab File: BG022700.D
Acq: 29 Jun 2016 19:20

Tgt Ion:240 Resp: 1197053
Ion Ratio Lower Upper
240 100
120 5.2 4.1 6.1
236 26.7 21.1 31.7





#78

Terphenyl-d14

Concen: 66.50 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BG022700.D

Acq: 29 Jun 2016 19:20

Instrument :

BNA_G

ClientSampleId :

PB91742BL

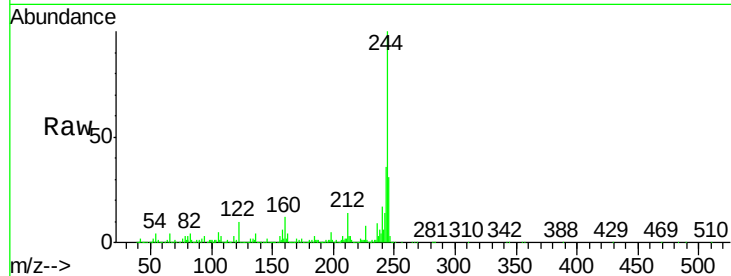
Tot Ion:244 Resp: 3004799

Ion	Ratio	Lower	Upper
244	100		
212	13.8	10.8	16.2
122	10.4	8.0	12.0

244 100

212 13.8 10.8 16.2

122 10.4 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

20.15

2000000

1500000

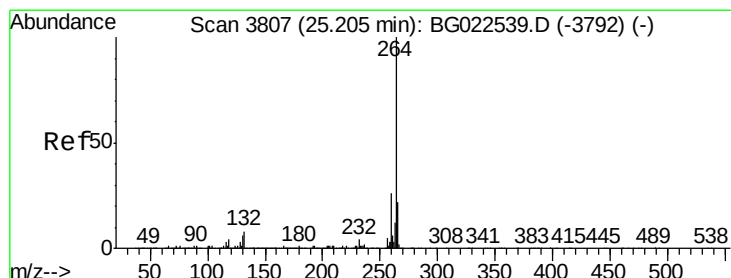
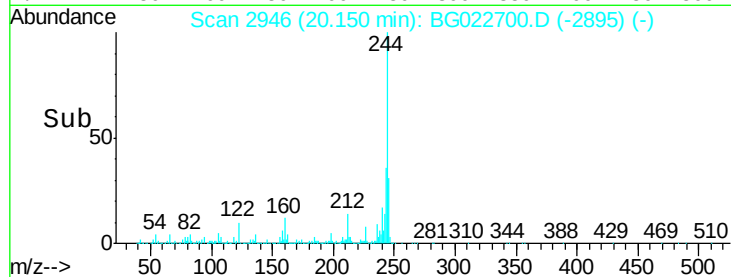
1000000

500000

0

Time-->

20.10 20.20



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.18 min Scan# 3802

Delta R.T. -0.03 min

Lab File: BG022700.D

Acq: 29 Jun 2016 19:20

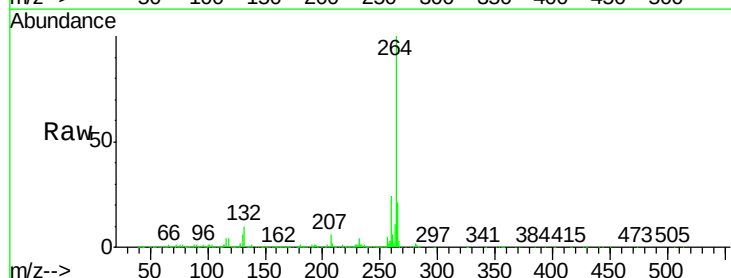
Tgt Ion:264 Resp: 1202931

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	20.8	18.9	28.3

264 100

260 23.9 18.4 27.6

265 20.8 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

25.18

500000

400000

300000

200000

100000

0

Time-->

25.00 25.10 25.20 25.30

