

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022611.D
 Acq On : 26 Jun 2016 15:24
 Operator : UM/SJ
 Sample : H3766-01
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2B

Quant Time: Jun 27 01:54:39 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

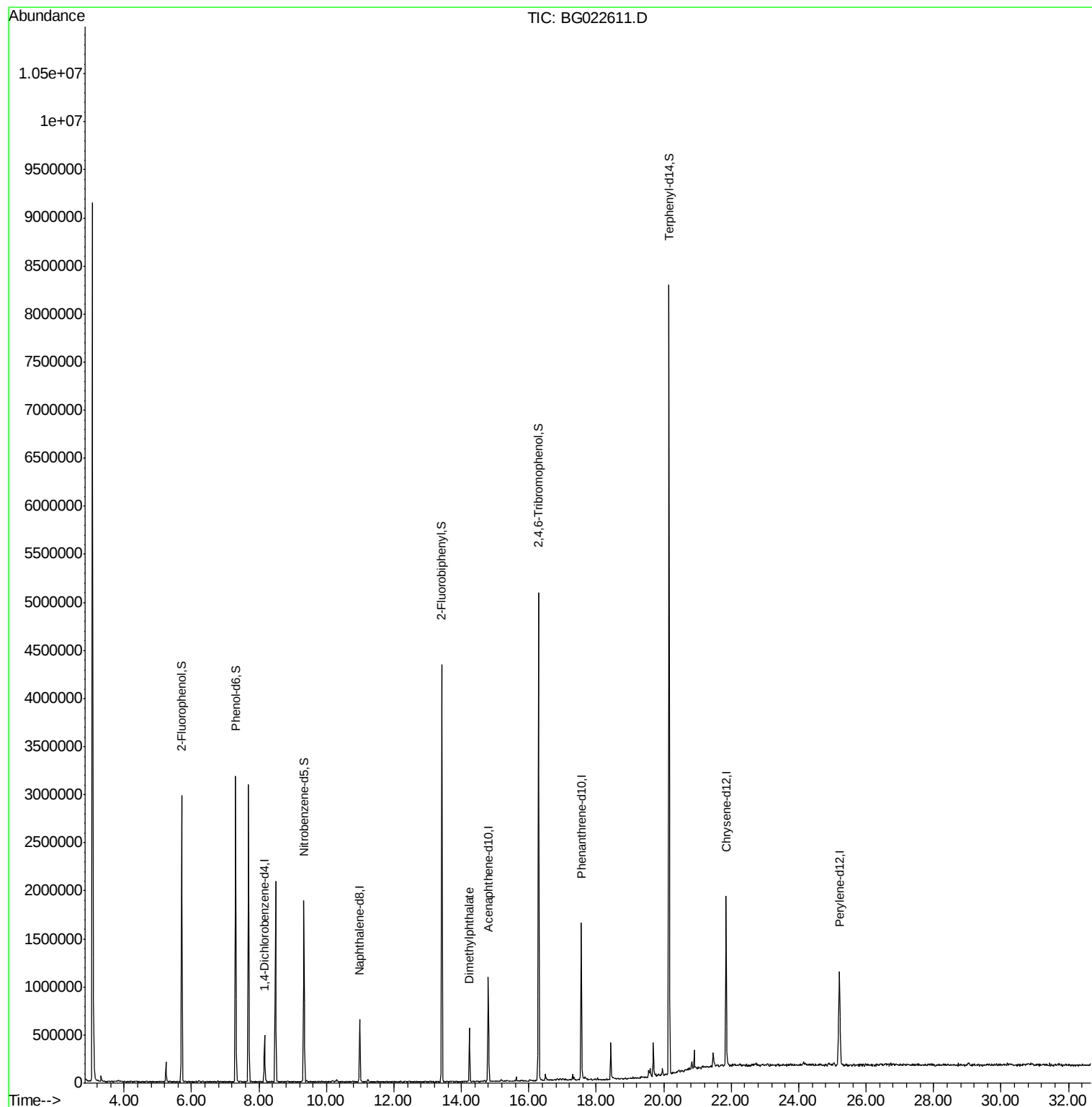
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	125775	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	521066	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	365101	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	957526	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1099734	20.00	ng	0.00
86) Perylene-d12	25.21	264	1137807	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	1172911	149.58	ng	0.00
7) Phenol-d6	7.31	99	1701525	153.94	ng	0.00
23) Nitrobenzene-d5	9.33	82	1212358	98.47	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	921928	160.54	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2068815	89.86	ng	0.00
78) Terphenyl-d14	20.16	244	2977880	71.74	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	339575	11.21	ng	Qvalue # 96

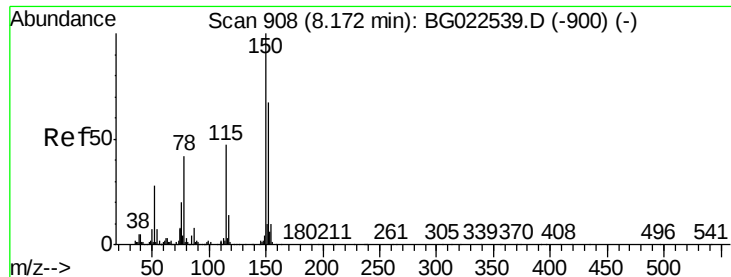
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022611.D

Acq: 26 Jun 2016 15:24

Instrument :

BNA_G

ClientSampled :

2B

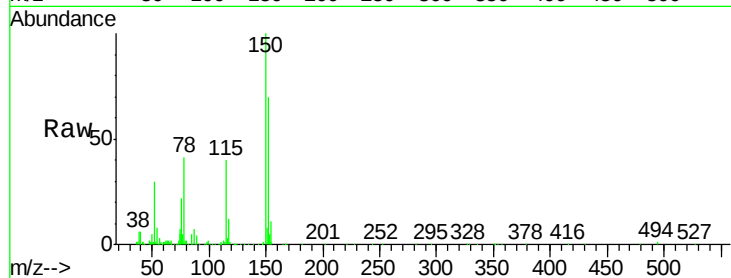
Tgt Ion:152 Resp: 125775

Ion Ratio Lower Upper

152 100

150 143.4 144.7 217.1#

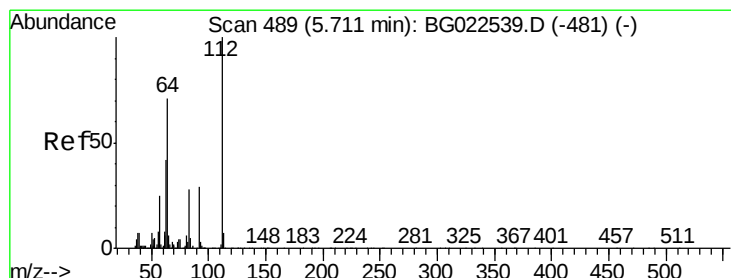
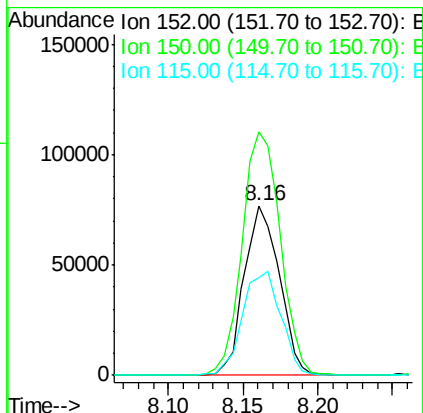
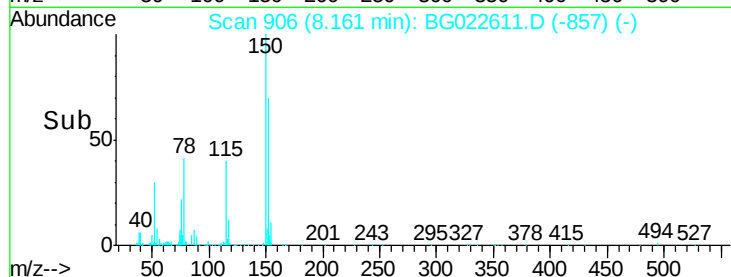
115 57.7 64.0 96.0#



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



#5

2-Fluorophenol

Concen: 149.58 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022611.D

Acq: 26 Jun 2016 15:24

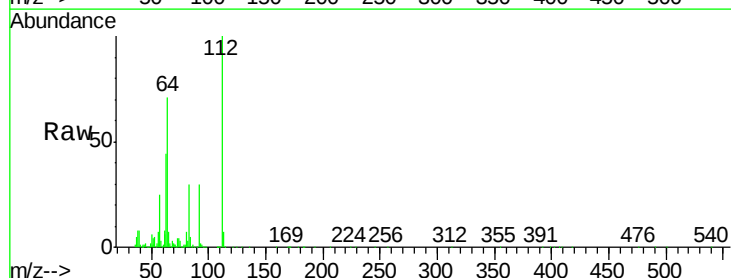
Tgt Ion:112 Resp: 1172911

Ion Ratio Lower Upper

112 100

64 70.7 59.0 88.4

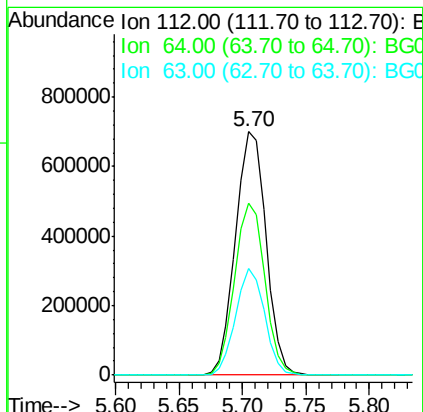
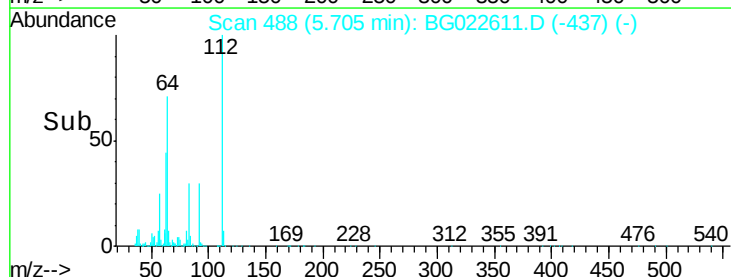
63 43.7 37.8 56.8

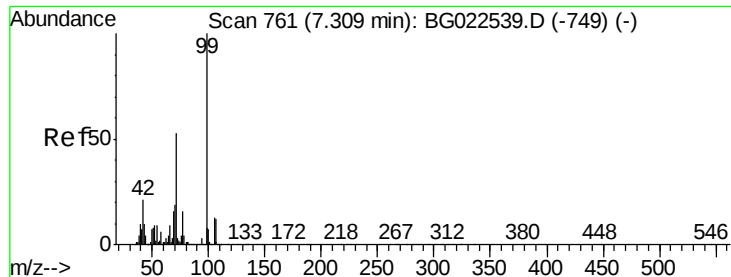


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 153.94 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022611.D

Acq: 26 Jun 2016 15:24

Instrument :

BNA_G

ClientSampleId :

2B

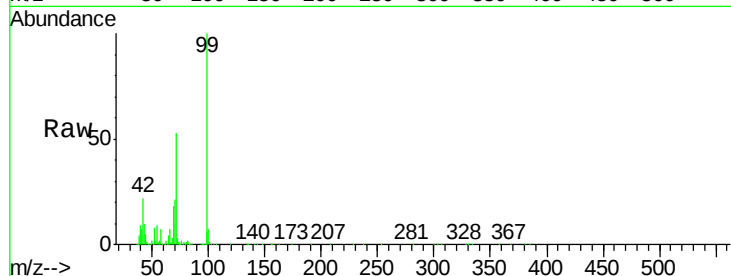
Tgt Ion: 99 Resp: 1701525

Ion Ratio Lower Upper

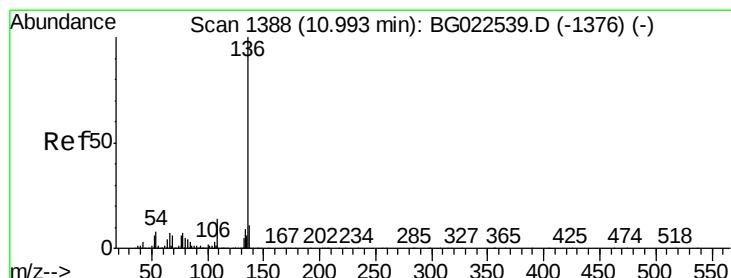
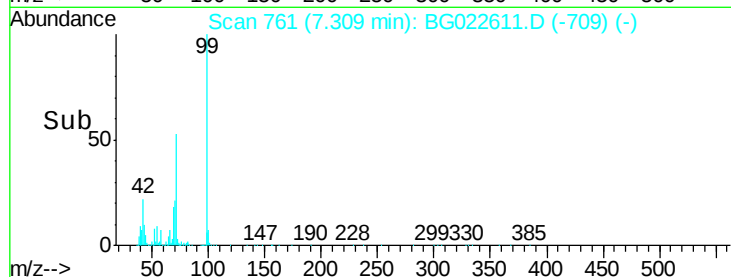
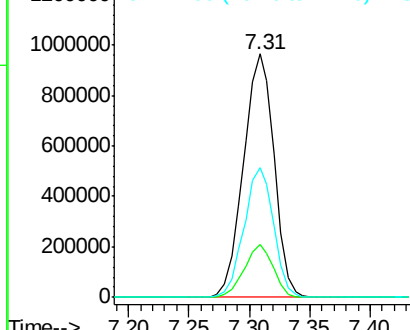
99 100

42 21.5 17.8 26.6

71 53.3 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: 10.99 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BG022611.D

Acq: 26 Jun 2016 15:24

Tgt Ion: 136 Resp: 521066

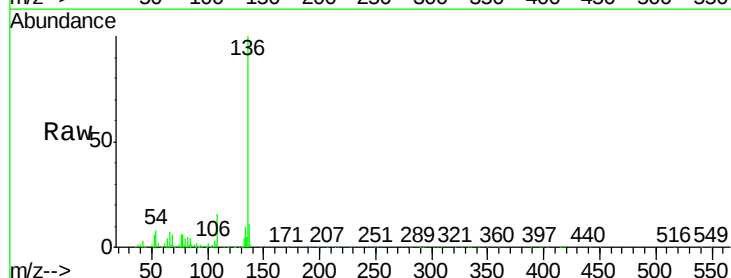
Ion Ratio Lower Upper

136 100

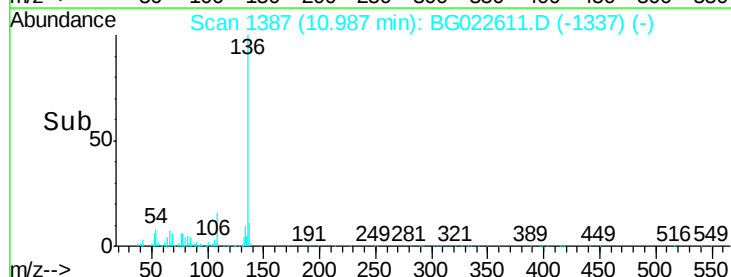
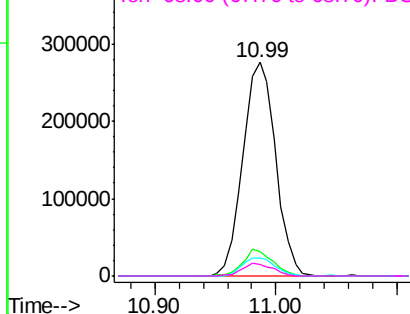
137 11.3 9.6 14.4

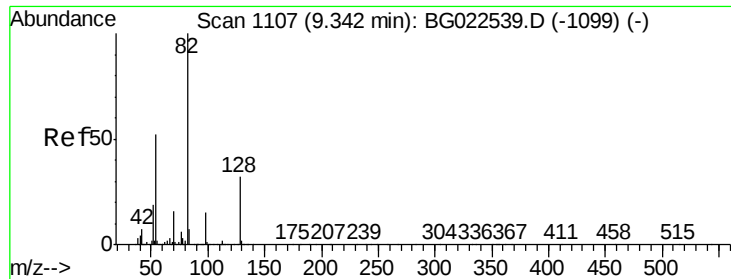
54 8.5 7.3 10.9

68 5.6 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

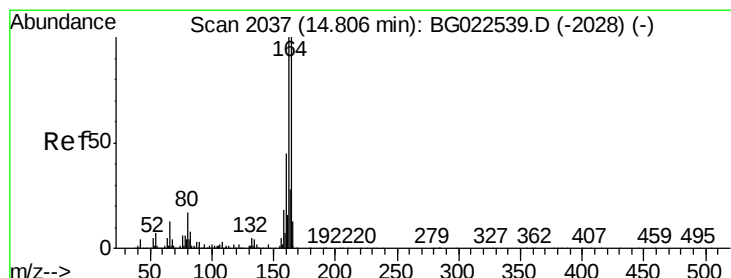
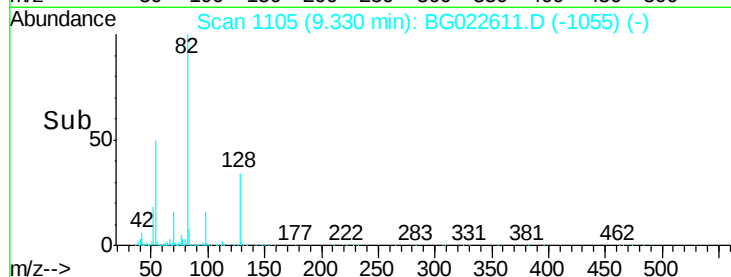
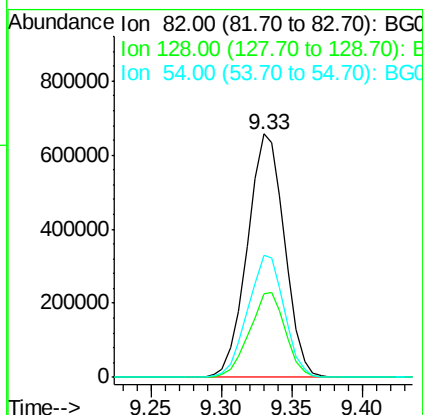
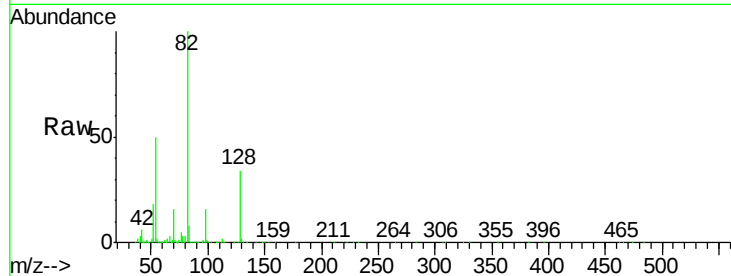




#23
Nitrobenzene-d5
Concen: 98.47 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022611.D
Acq: 26 Jun 2016 15:24

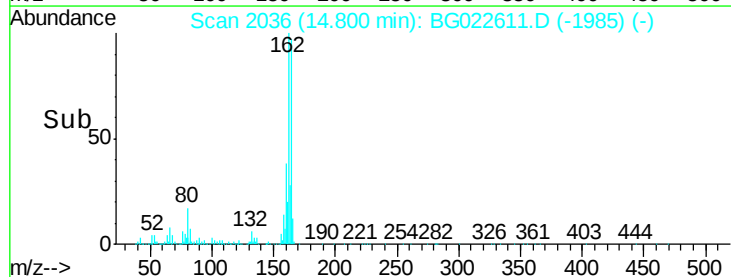
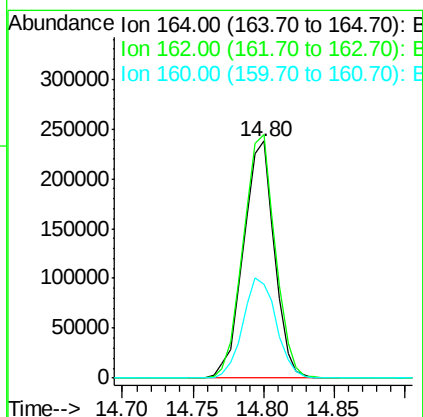
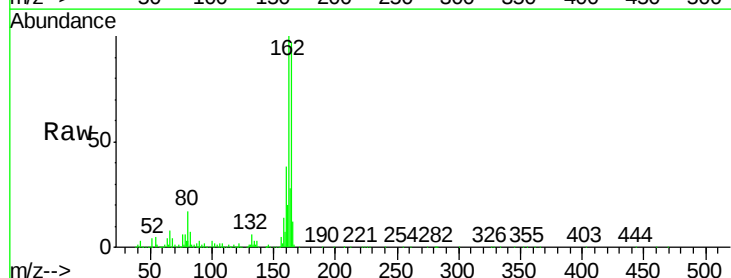
Instrument :
BNA_G
ClientSampleId :
2B

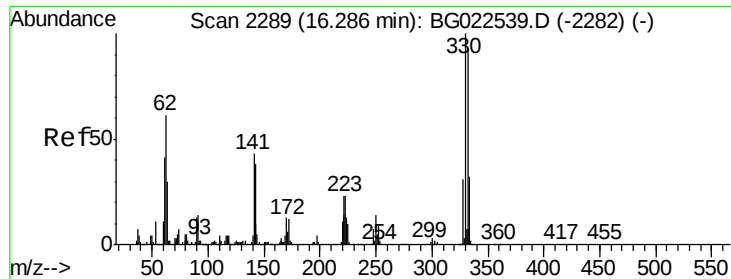
Tgt Ion: 82 Resp: 1212358
Ion Ratio Lower Upper
82 100
128 34.2 24.4 36.6
54 50.2 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG022611.D
Acq: 26 Jun 2016 15:24

Tgt Ion: 164 Resp: 365101
Ion Ratio Lower Upper
164 100
162 102.9 87.7 131.5
160 39.5 37.2 55.8

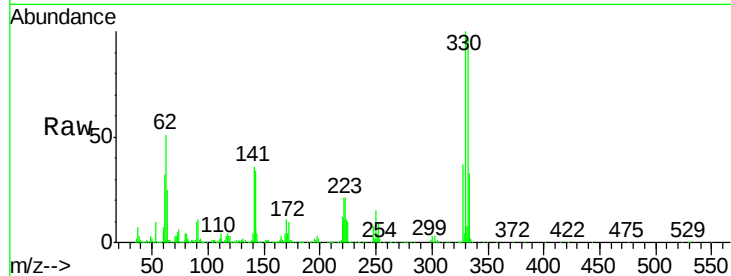




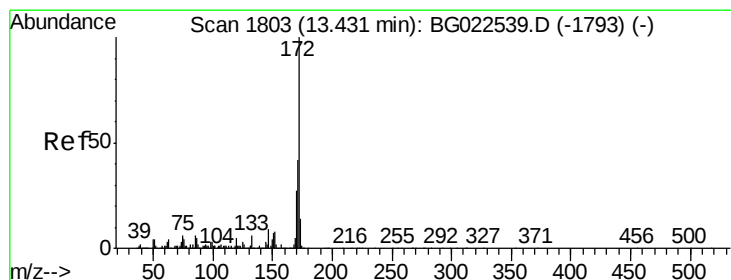
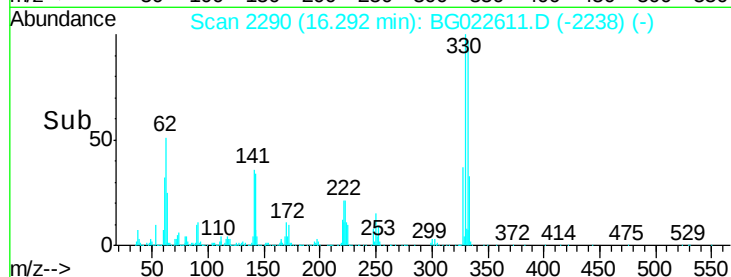
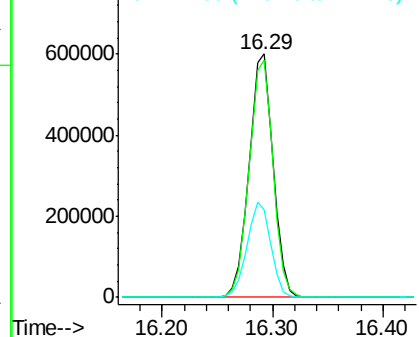
#41
 2,4,6-Tribromophenol
 Concen: 160.54 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BG022611.D
 Acq: 26 Jun 2016 15:24

Instrument :
 BNA_G
 ClientSampleId :
 2B

Tgt Ion:330 Resp: 921928
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 38.5 31.7 47.5

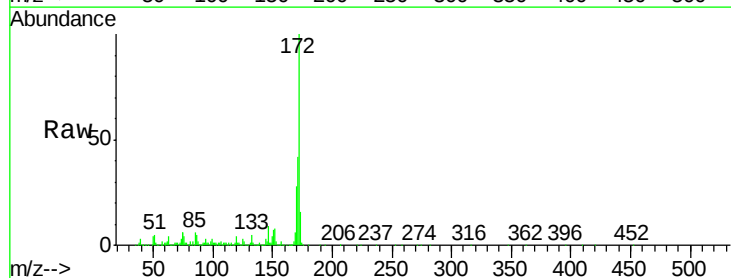


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

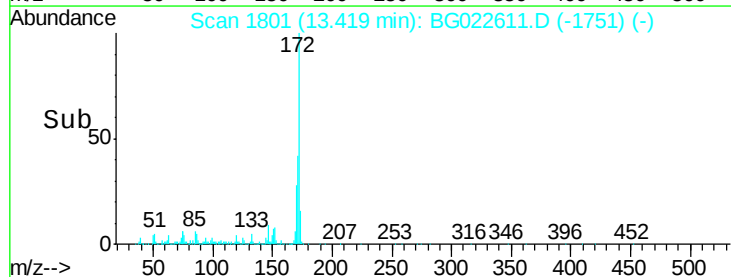
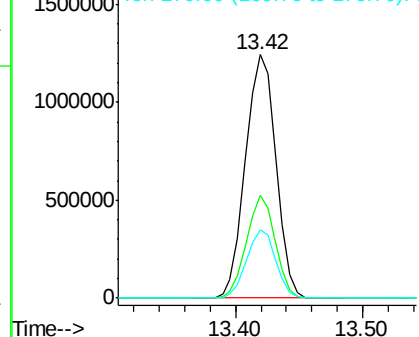


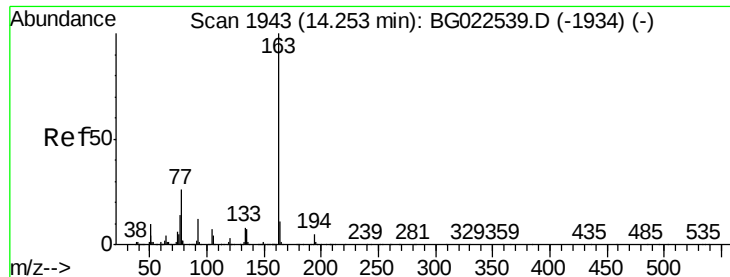
#44
 2-Fluorobiphenyl
 Concen: 89.86 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG022611.D
 Acq: 26 Jun 2016 15:24

Tgt Ion:172 Resp: 2068815
 Ion Ratio Lower Upper
 172 100
 171 42.4 31.6 47.4
 170 28.1 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





#49

Dimethylphthalate

Concen: 11.21 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022611.D

Acq: 26 Jun 2016 15:24

Instrument :

BNA_G

ClientSampleId :

2B

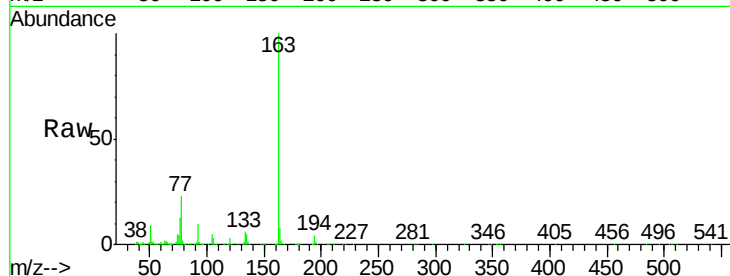
Tgt Ion:163 Resp: 339575

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

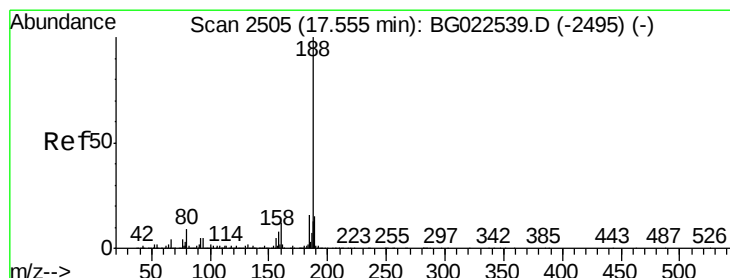
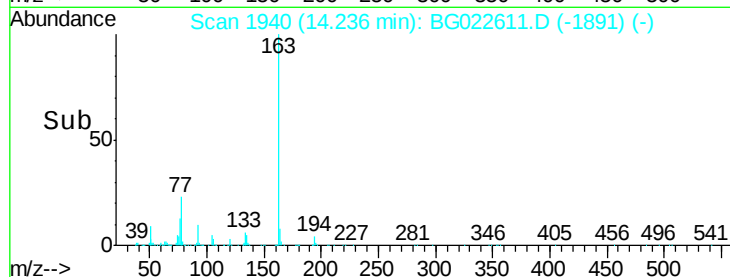
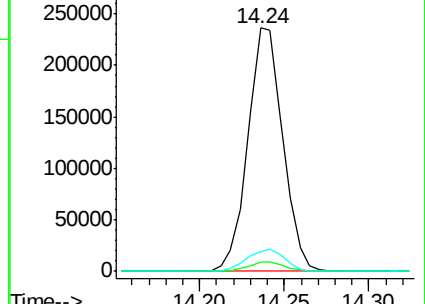
164 8.0 8.1 12.1#



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: 17.56 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BG022611.D

Acq: 26 Jun 2016 15:24

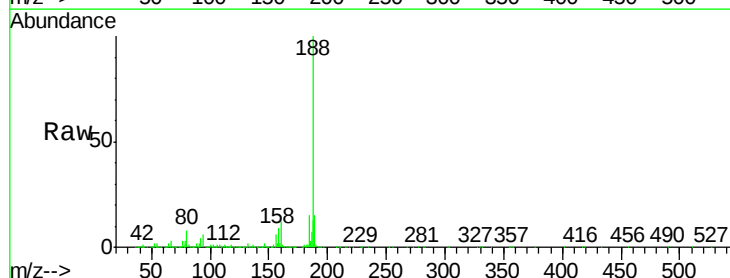
Tgt Ion:188 Resp: 957526

Ion Ratio Lower Upper

188 100

94 6.5 5.2 7.8

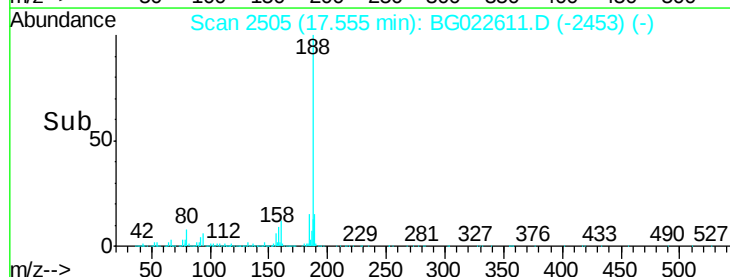
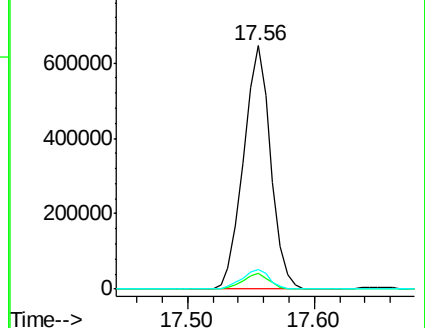
80 8.3 7.2 10.8

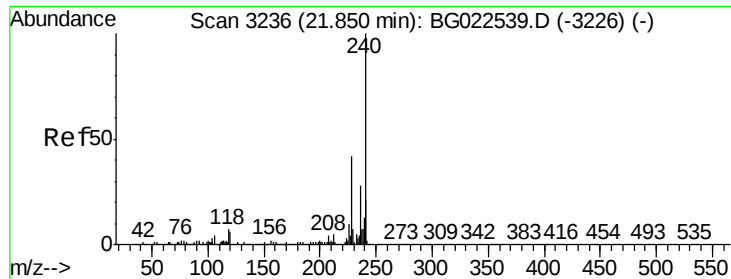


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

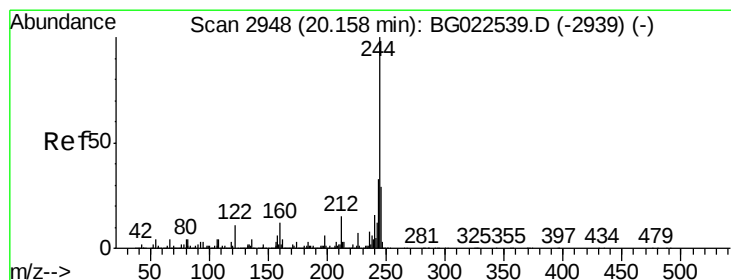
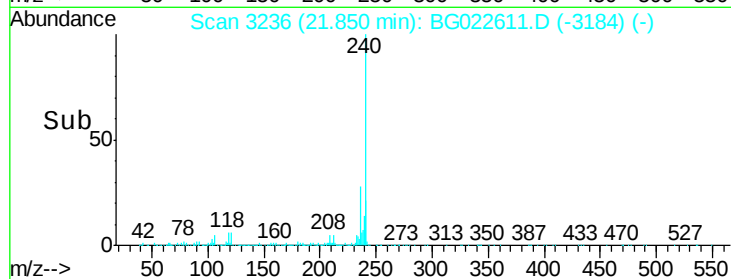
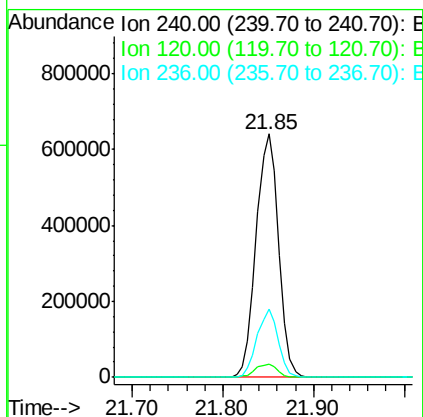
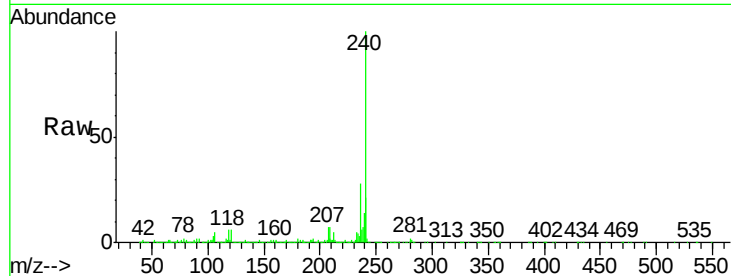




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.85 min Scan# 3236
 Delta R.T. 0.01 min
 Lab File: BG022611.D
 Acq: 26 Jun 2016 15:24

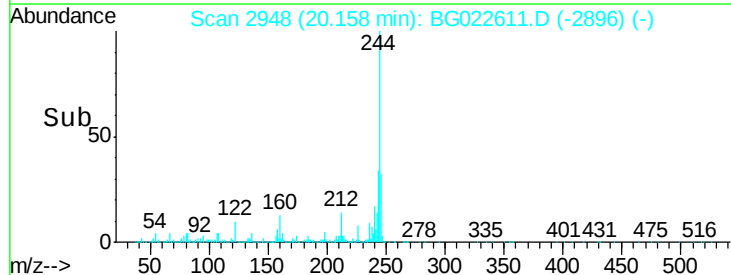
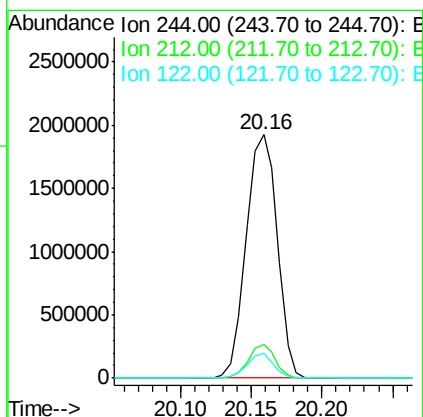
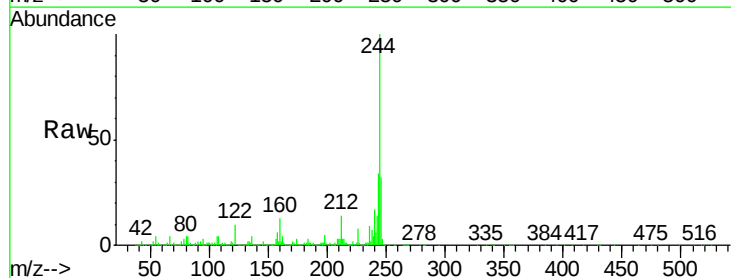
Instrument :
 BNA_G
 ClientSampleId :
 2B

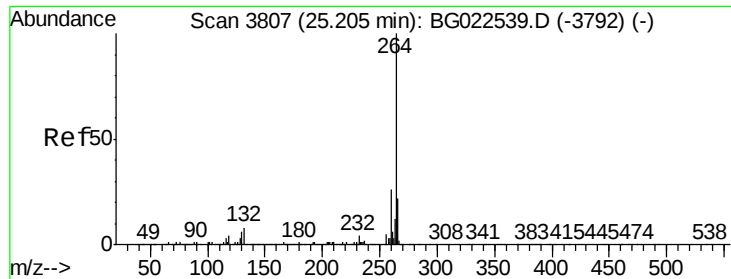
Tgt Ion:240 Resp: 1099734
 Ion Ratio Lower Upper
 240 100
 120 5.5 4.1 6.1
 236 27.8 21.1 31.7



#78
 Terphenyl-d14
 Concen: 71.74 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. 0.01 min
 Lab File: BG022611.D
 Acq: 26 Jun 2016 15:24

Tgt Ion:244 Resp: 2977880
 Ion Ratio Lower Upper
 244 100
 212 14.0 10.8 16.2
 122 9.9 8.0 12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. 0.01 min
Lab File: BG022611.D
Acq: 26 Jun 2016 15:24

Instrument :
BNA_G
ClientSampleId :
2B

Tgt Ion: 264 Resp: 1137807

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	21.7	18.9	28.3

