

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
 Data File : BG022690.D
 Acq On : 29 Jun 2016 00:26
 Operator : UM/SJ
 Sample : H3768-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1-10-11

Quant Time: Jun 29 13:48:32 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

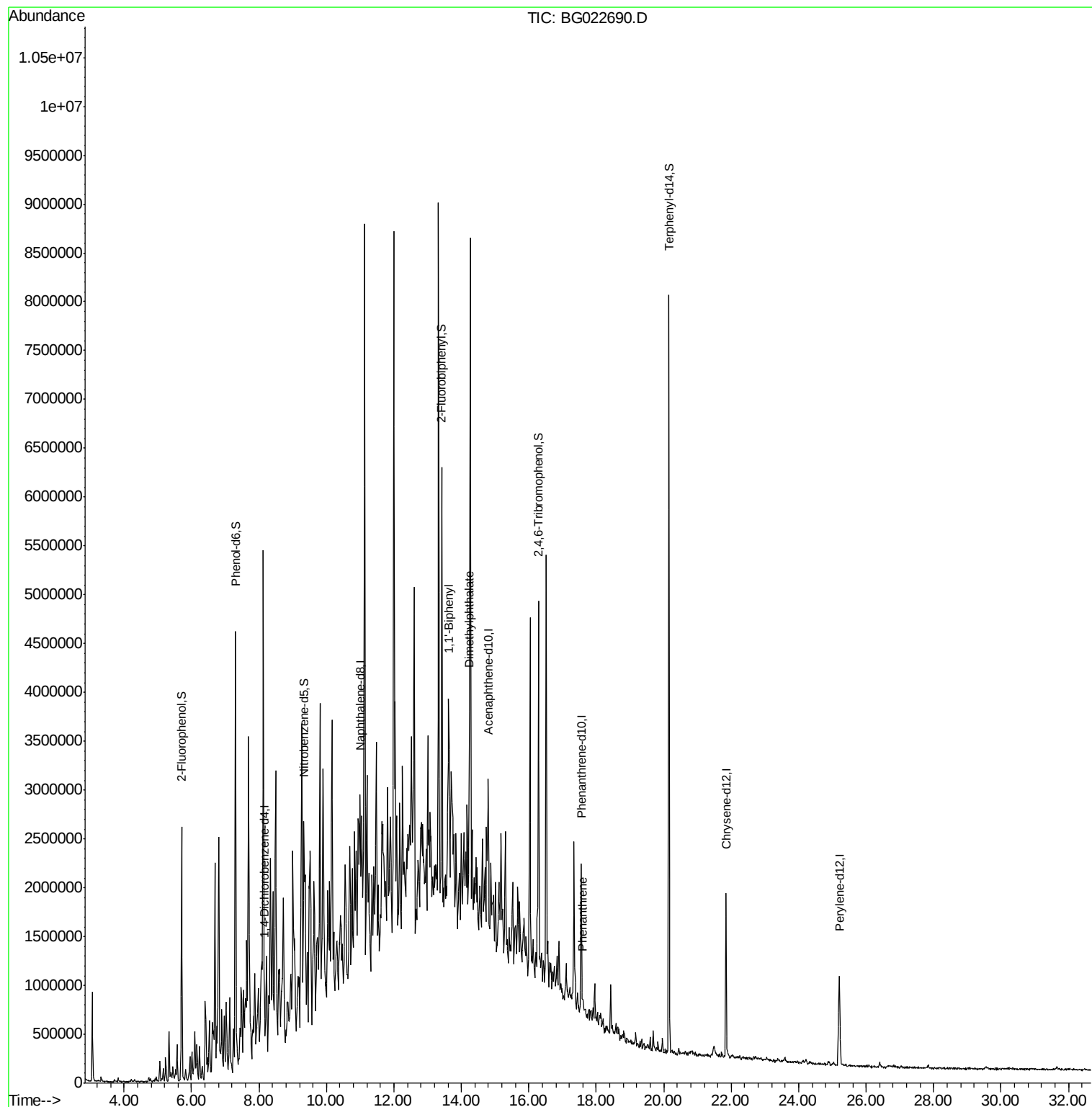
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	129077	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	521912	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	366241	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	887581	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1068142	20.00	ng	0.00
86) Perylene-d12	25.20	264	1120798	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	1050889	130.59	ng	0.00
7) Phenol-d6	7.31	99	1563672	137.85	ng	0.00
23) Nitrobenzene-d5	9.33	82	1209557	98.09	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	742983	128.98	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2166740	93.82	ng	0.00
78) Terphenyl-d14	20.15	244	3022569	74.97	ng	0.00
Target Compounds						
45) 1,1'-Biphenyl	13.63	154	55819	2.00	ng	Qvalue 95
49) Dimethylphthalate	14.24	163	561749	18.49	ng	# 95
70) Phenanthrene	17.60	178	95145	2.10	ng	97

(#) = 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: BG022690.D

Acq: 29 Jun 2016 00:26

Instrument :

BNA_G

ClientSampleId :

B1-10-11

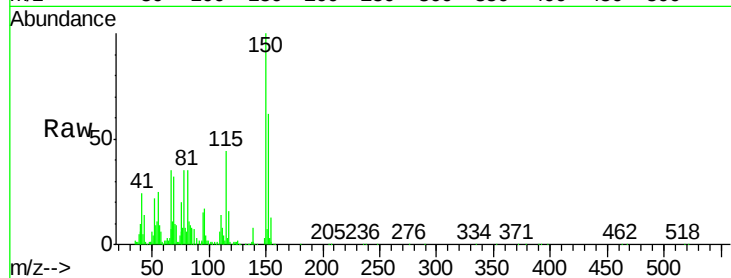
Tot Ion:152 Resp: 129077

Ion Ratio Lower Upper

152 100

150 160.8 144.7 217.1

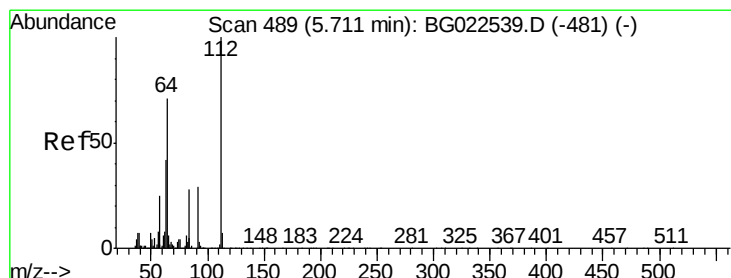
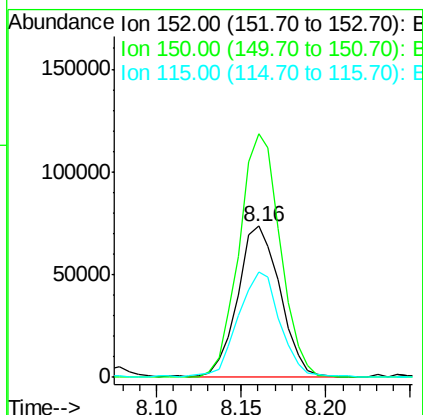
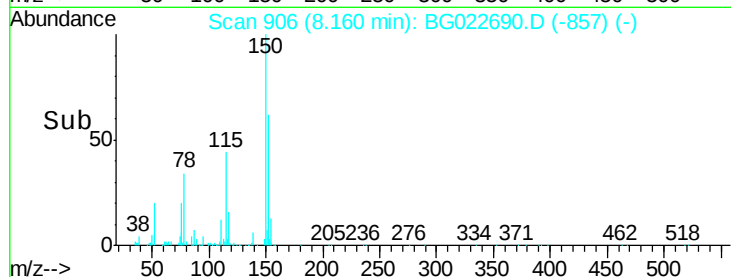
115 70.0 64.0 96.0



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: 130.59 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022690.D

Acq: 29 Jun 2016 00:26

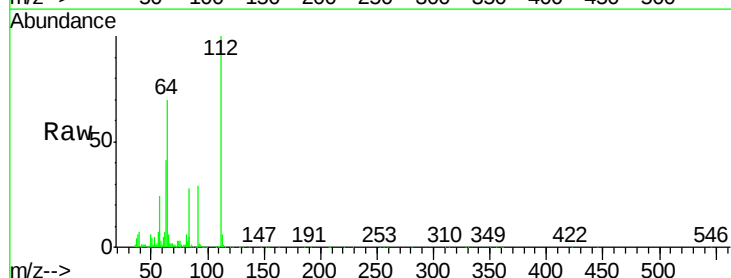
Tgt Ion:112 Resp: 1050889

Ion Ratio Lower Upper

112 100

64 70.4 59.0 88.4

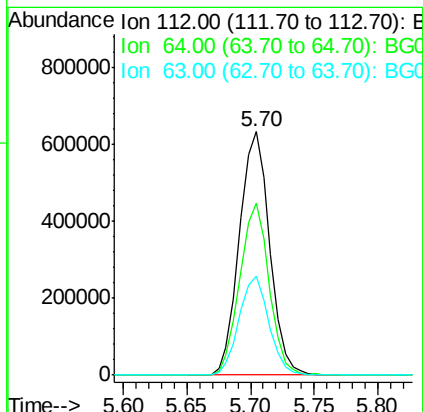
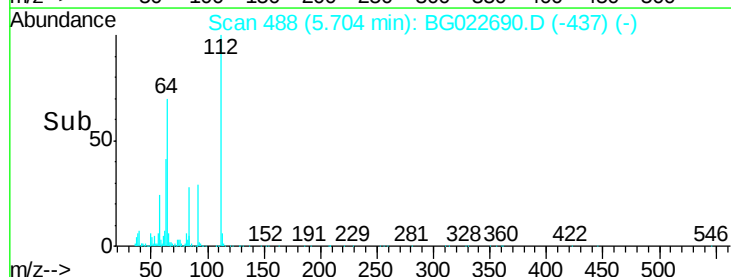
63 40.6 37.8 56.8



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: 137.85 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022690.D

Acq: 29 Jun 2016 00:26

Instrument :

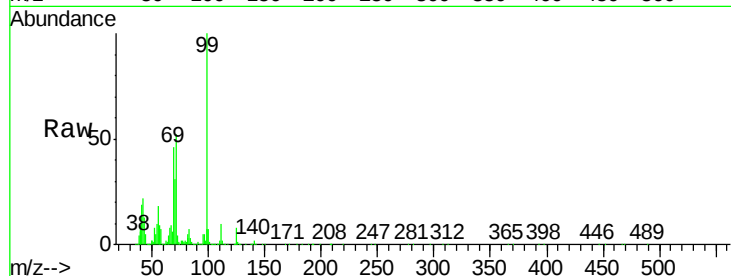
BNA_G

ClientSampled :

B1-10-11

Tot Ion: 99 Resp: 1563672

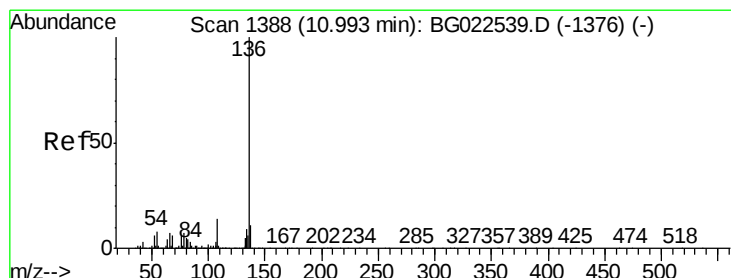
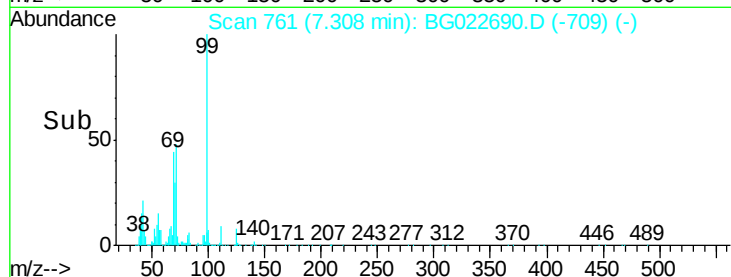
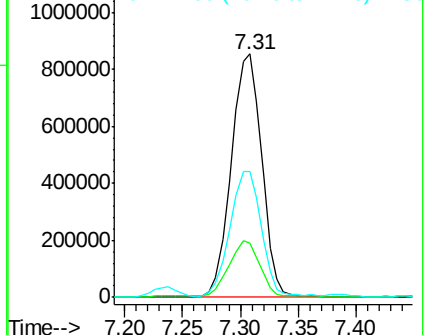
Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.8	26.6
71	51.9	41.5	62.3



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

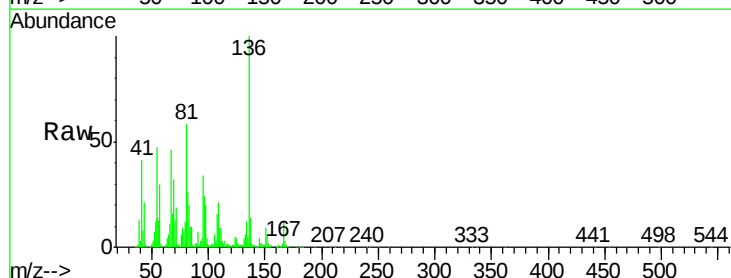
Delta R.T. -0.01 min

Lab File: BG022690.D

Acq: 29 Jun 2016 00:26

Tgt Ion: 136 Resp: 521912

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.6	14.4
54	14.2	7.3	10.9#
68	15.9	5.3	7.9#

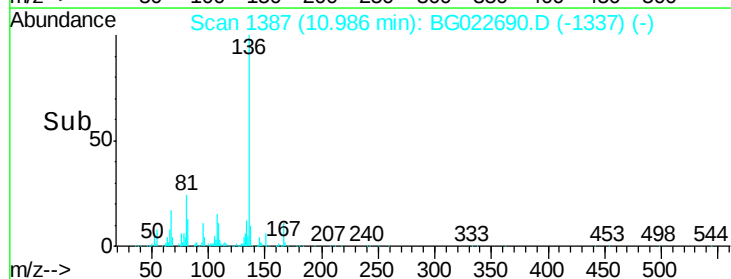
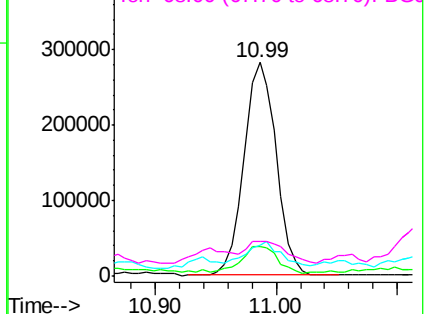


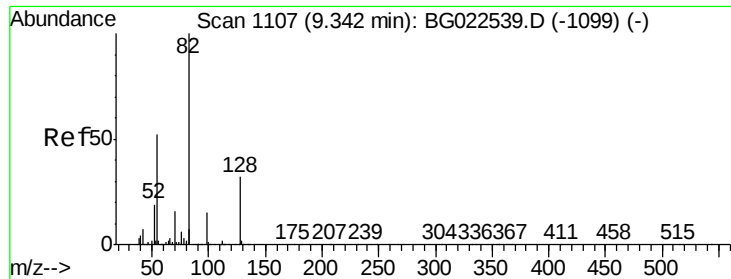
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

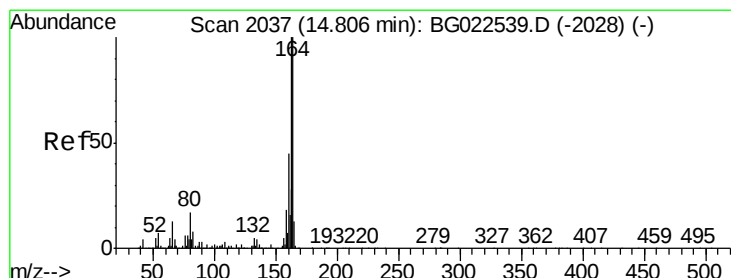
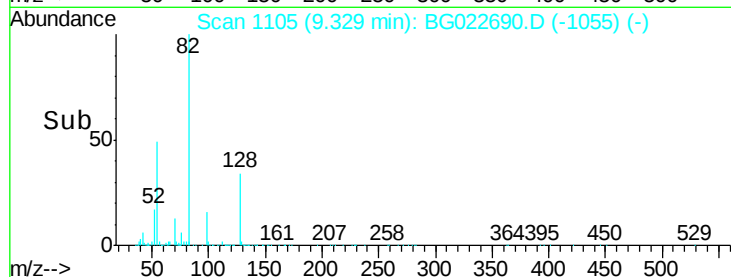
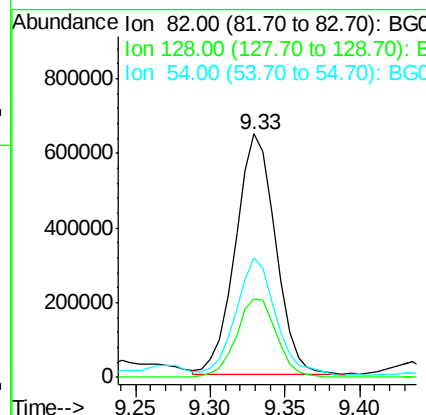
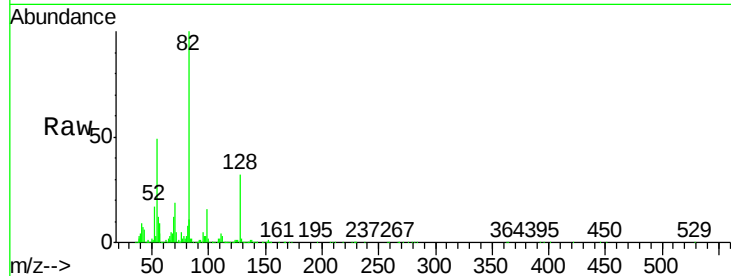




#23
 Nitrobenzene-d5
 Concen: 98.09 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022690.D
 Acq: 29 Jun 2016 00:26

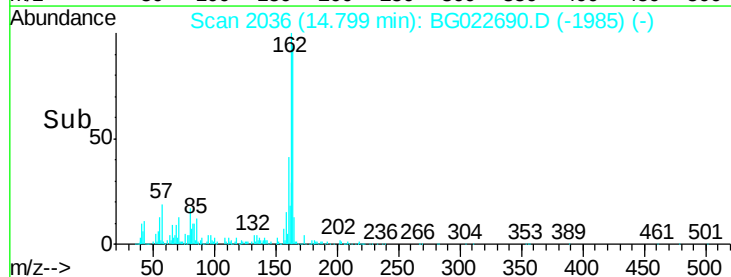
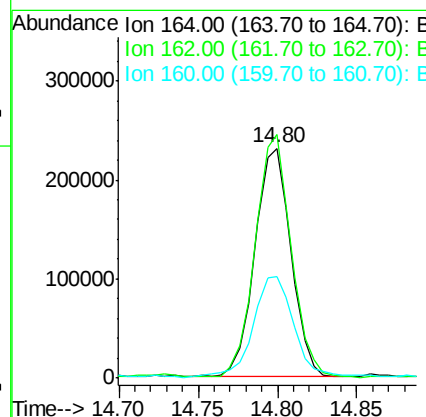
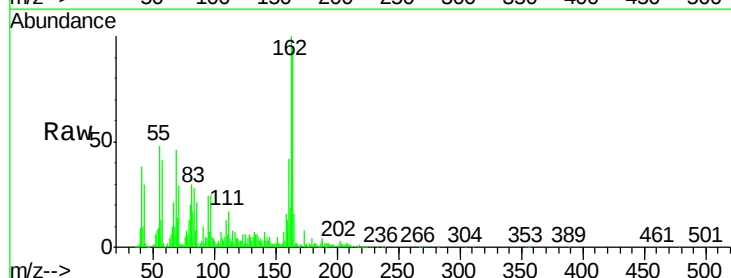
Instrument :
 BNA_G
 ClientSampleId :
 B1-10-11

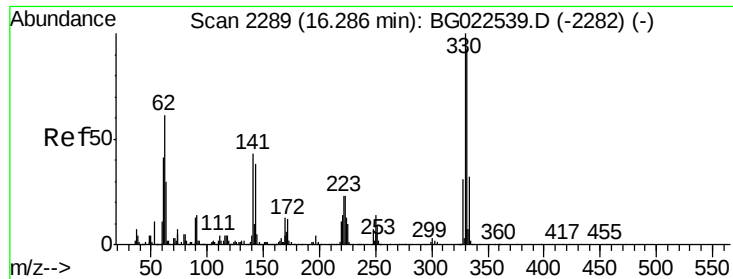
Tot Ion: 82 Resp: 1209557
 Ion Ratio Lower Upper
 82 100
 128 32.3 24.4 36.6
 54 49.0 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BG022690.D
 Acq: 29 Jun 2016 00:26

Tgt Ion: 164 Resp: 366241
 Ion Ratio Lower Upper
 164 100
 162 105.8 87.7 131.5
 160 44.4 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 128.98 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG022690.D

Acq: 29 Jun 2016 00:26

Instrument :

BNA_G

ClientSampleId :

B1-10-11

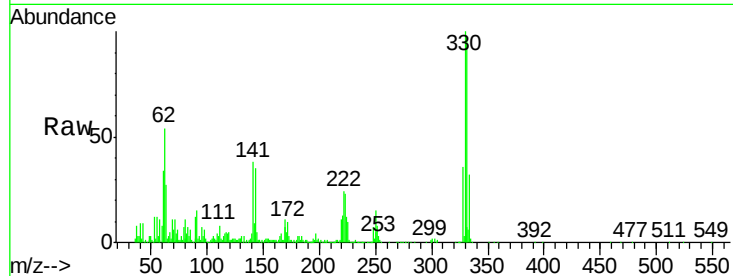
Tot Ion:330 Resp: 742983

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.2

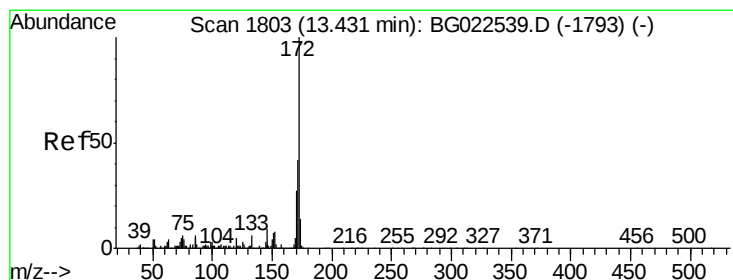
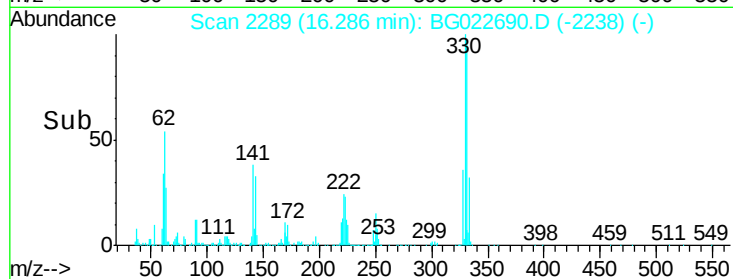
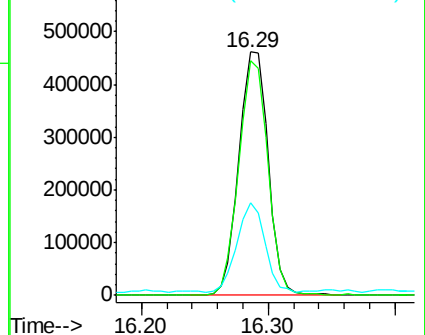
141 34.7 31.7 47.5



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: 93.82 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BG022690.D

Acq: 29 Jun 2016 00:26

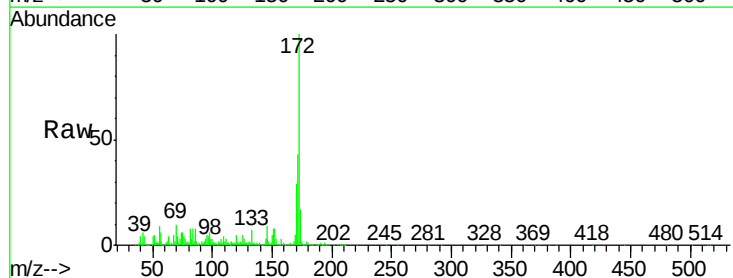
Tgt Ion:172 Resp: 2166740

Ion Ratio Lower Upper

172 100

171 42.5 31.6 47.4

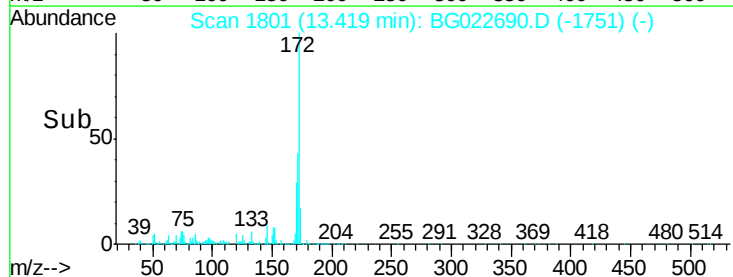
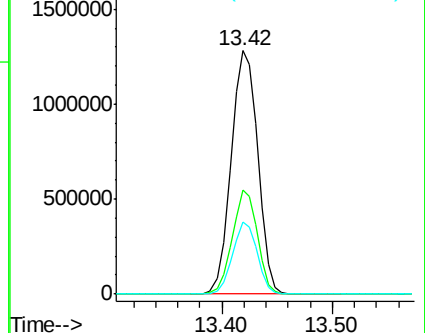
170 29.5 21.3 31.9

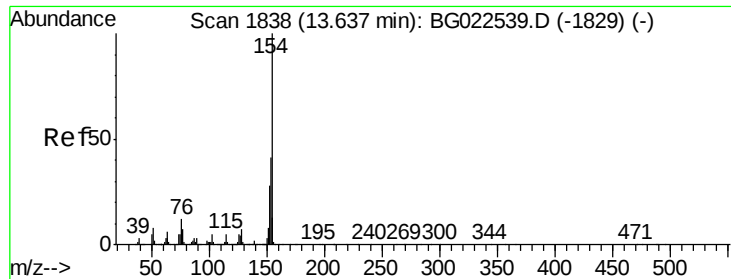


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 2.00 ng

RT: 13.63 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BG022690.D

Acq: 29 Jun 2016 00:26

Instrument :

BNA_G

ClientSampleId :

B1-10-11

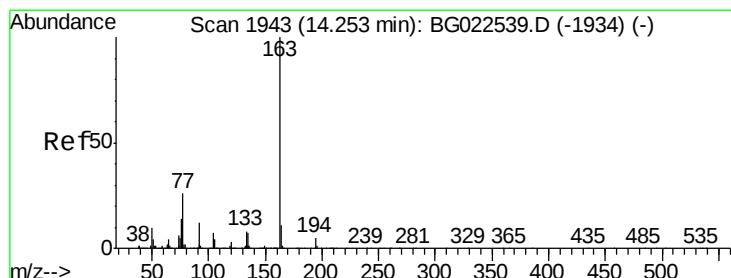
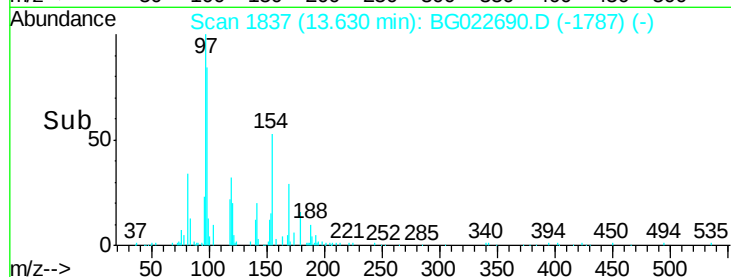
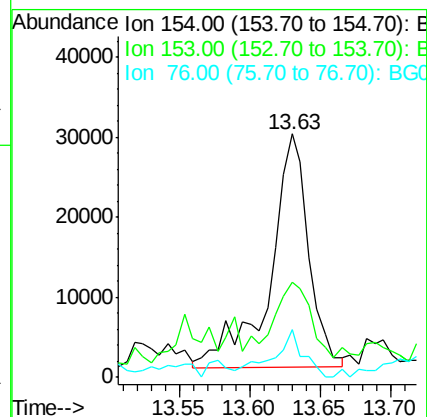
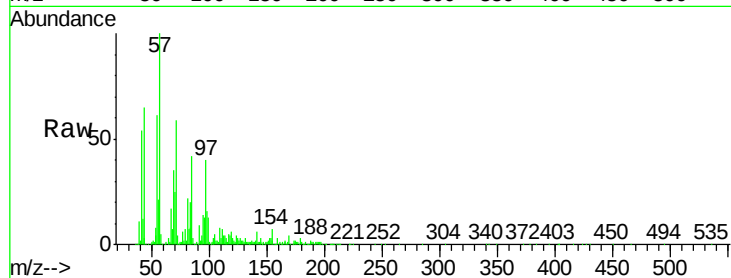
Tot Ion:154 Resp: 55819

Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.2	60.2
76	19.7	0.0	32.9

154 100

153 39.3 20.2 60.2

76 19.7 0.0 32.9



#49

Dimethylphthalate

Concen: 18.49 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022690.D

Acq: 29 Jun 2016 00:26

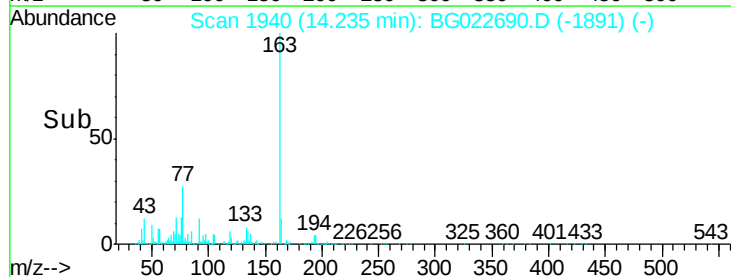
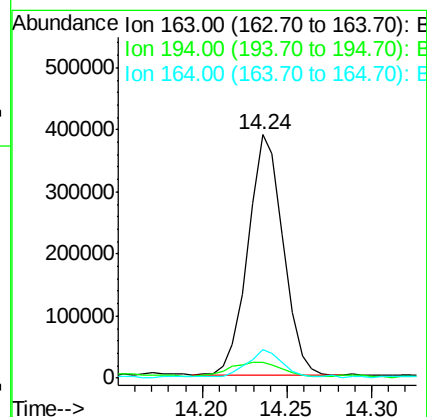
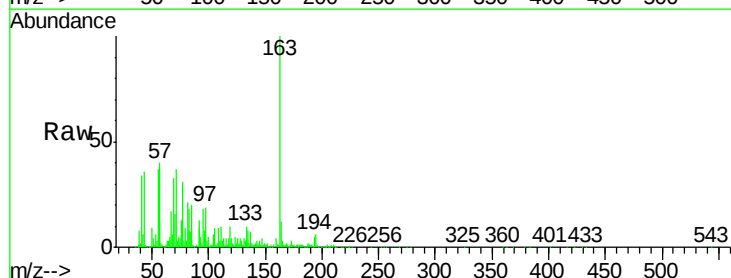
Tgt Ion:163 Resp: 561749

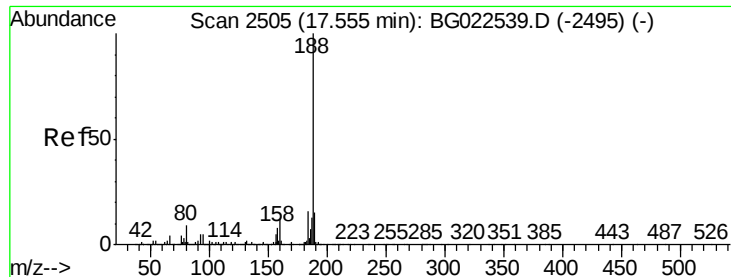
Ion	Ratio	Lower	Upper
163	100		
194	6.4	3.6	5.4#
164	11.9	8.1	12.1

163 100

194 6.4 3.6 5.4#

164 11.9 8.1 12.1

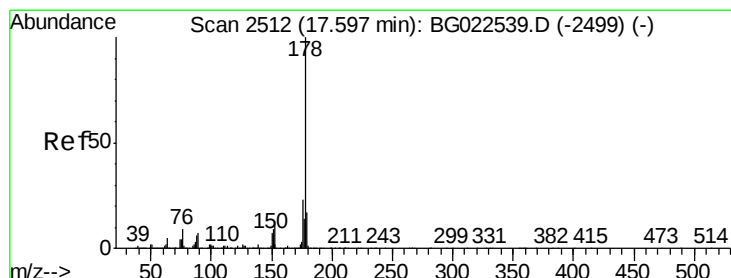
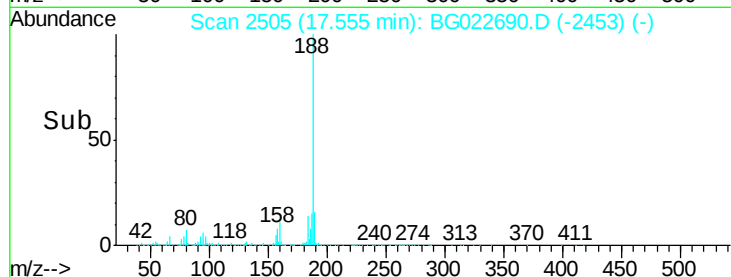
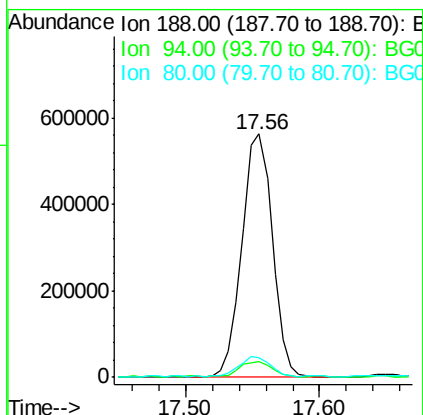
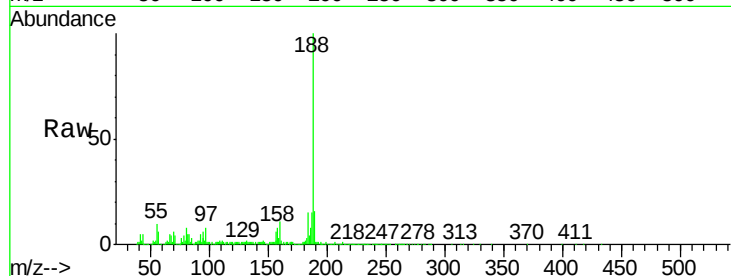




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BG022690.D
Acq: 29 Jun 2016 00:26

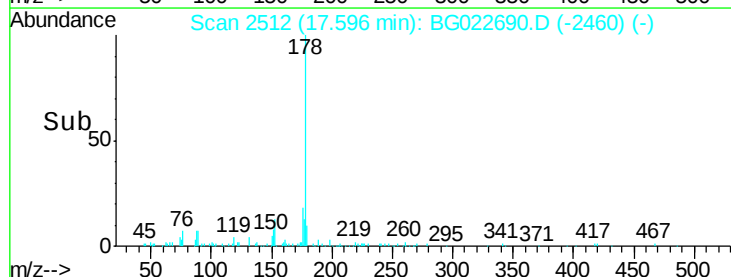
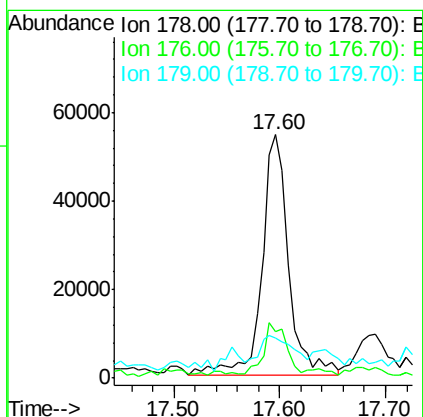
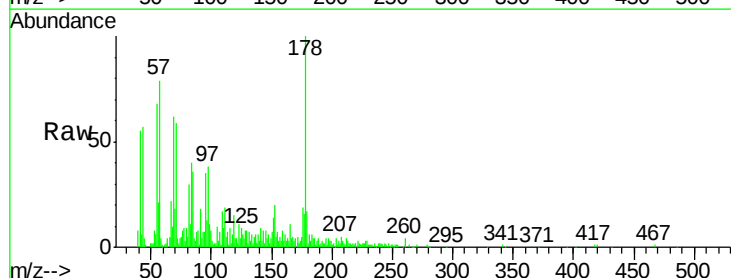
Instrument :
BNA_G
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B1-10-11

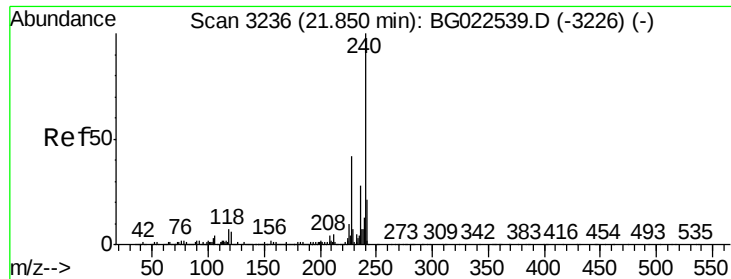
Tot Ion:188 Resp: 887581
Ion Ratio Lower Upper
188 100
94 6.4 5.2 7.8
80 7.8 7.2 10.8



#70
Phenanthrene
Concen: 2.10 ng
RT: 17.60 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BG022690.D
Acq: 29 Jun 2016 00:26

Tgt Ion:178 Resp: 95145
Ion Ratio Lower Upper
178 100
176 19.2 16.8 25.2
179 16.7 14.3 21.5

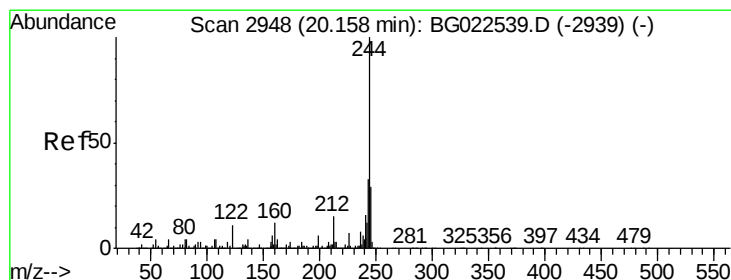
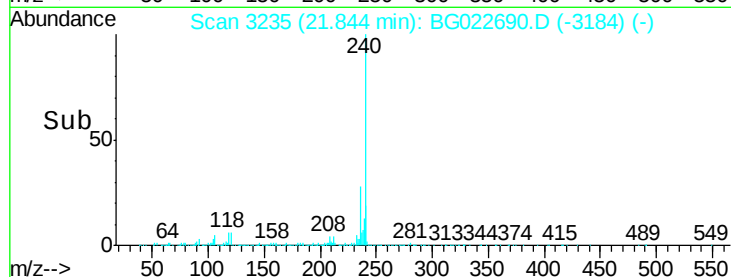
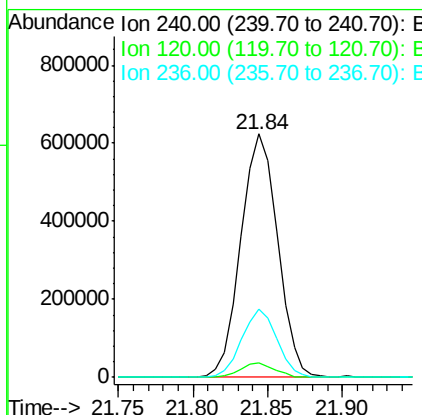
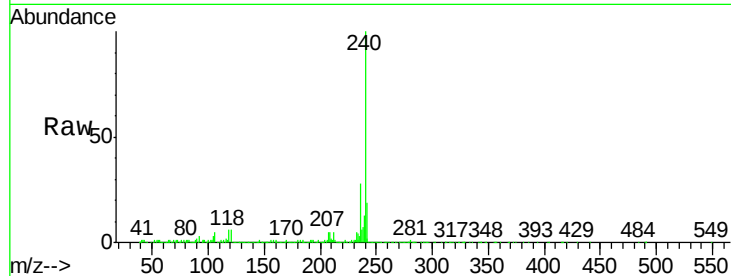




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.84 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: BG022690.D
 Acq: 29 Jun 2016 00:26

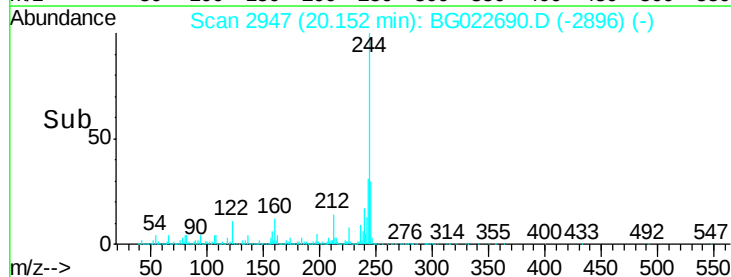
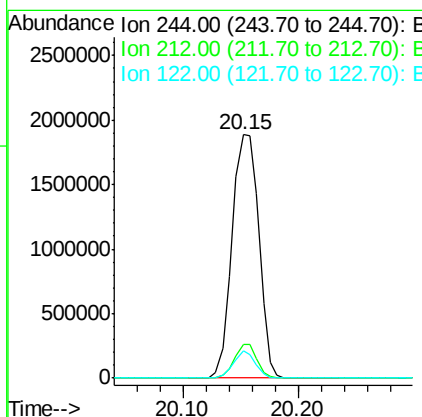
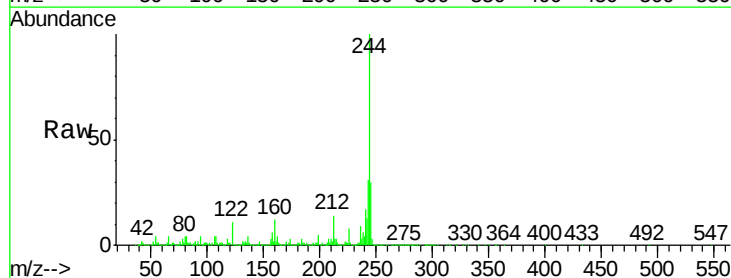
Instrument :
 BNA_G
 ClientSampleId :
 B1-10-11

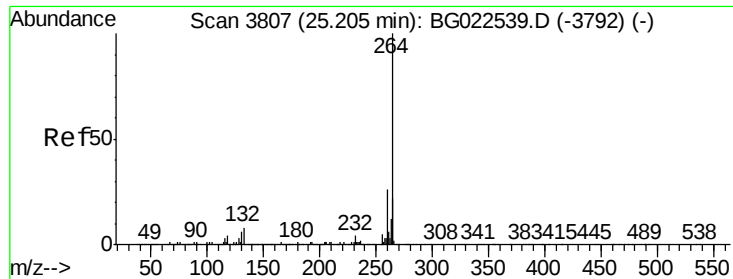
Tot Ion:240 Resp: 1068142
 Ion Ratio Lower Upper
 240 100
 120 5.8 4.1 6.1
 236 28.2 21.1 31.7



#78
 Terphenyl-d14
 Concen: 74.97 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BG022690.D
 Acq: 29 Jun 2016 00:26

Tgt Ion:244 Resp: 3022569
 Ion Ratio Lower Upper
 244 100
 212 13.6 10.8 16.2
 122 11.1 8.0 12.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3807
Delta R.T. -0.00 min
Lab File: BG022690.D
Acq: 29 Jun 2016 00:26

Instrument :
BNA_G
ClientSampleId :
B1-10-11

Tot Ion:264 Resp: 1120798

Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.4	27.6
265	24.0	18.9	28.3

