

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062716\
 Data File : BG022647.D
 Acq On : 27 Jun 2016 17:41
 Operator : UM/SJ
 Sample : H3713-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 3A-9-11

Quant Time: Jun 28 01:07:48 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

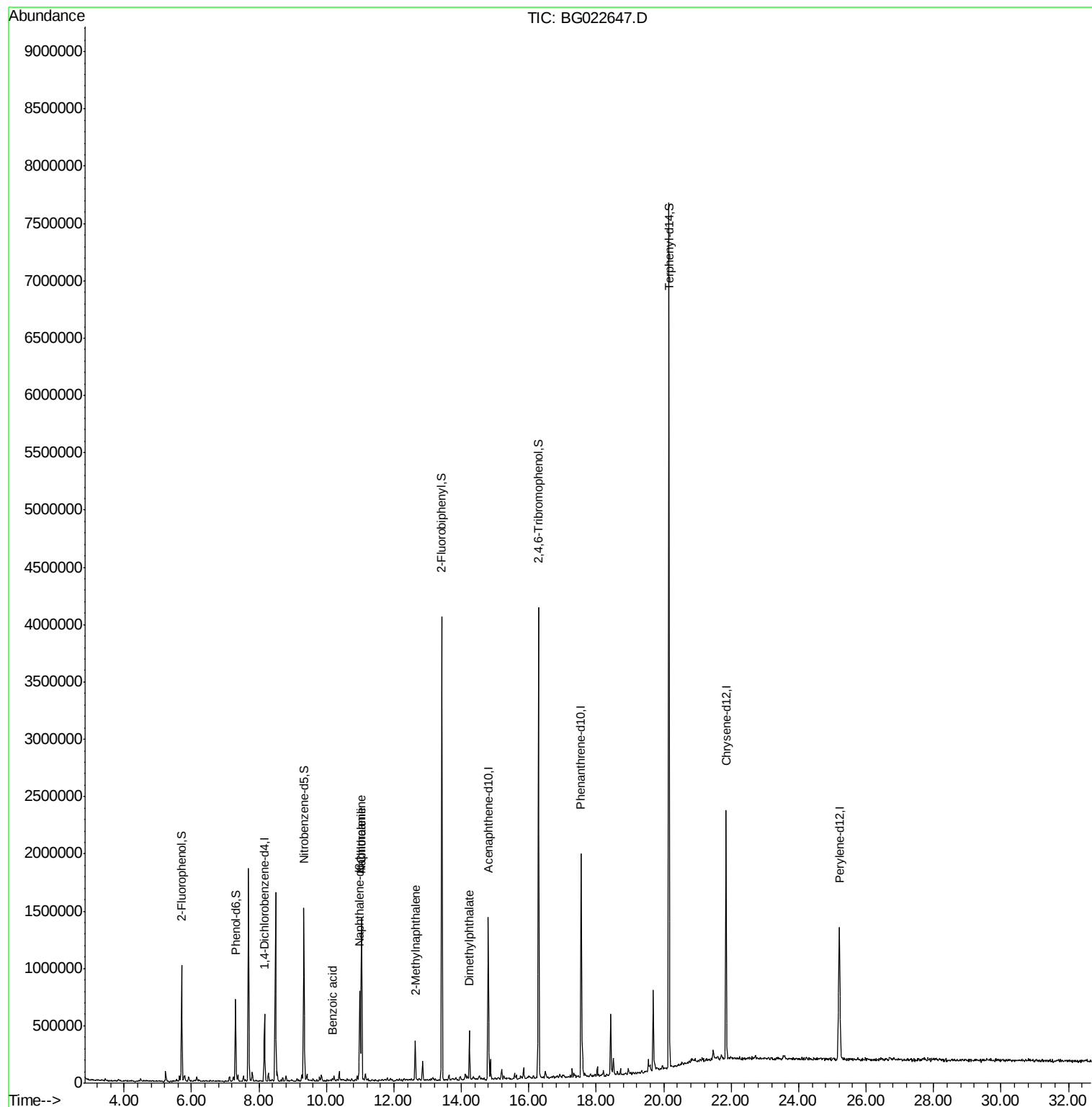
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	148213	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	632134	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	467320	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1214211	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1354390	20.00	ng	0.00
86) Perylene-d12	25.21	264	1408625	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	411490	44.53	ng	0.00
7) Phenol-d6	7.30	99	387227	29.73	ng	0.00
23) Nitrobenzene-d5	9.33	82	980122	65.62	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	767223	104.38	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1904063	64.62	ng	0.00
78) Terphenyl-d14	20.15	244	2901248	56.75	ng	0.00
Target Compounds						
31) Naphthalene	11.03	128	1128861	35.53	ng	Qvalue 99
32) Benzoic acid	10.19	122	1915	5.34	ng	# 45
33) 4-Chloroaniline	11.03	127	158676	11.59	ng	# 32
37) 2-Methylnaphthalene	12.63	142	155109	6.29	ng	95
49) Dimethylphthalate	14.24	163	256625	6.62	ng	99

(#) = 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: BG022647.D

Acq: 27 Jun 2016 17:41

Instrument :

BNA_G

ClientSampleId :

3A-9-11

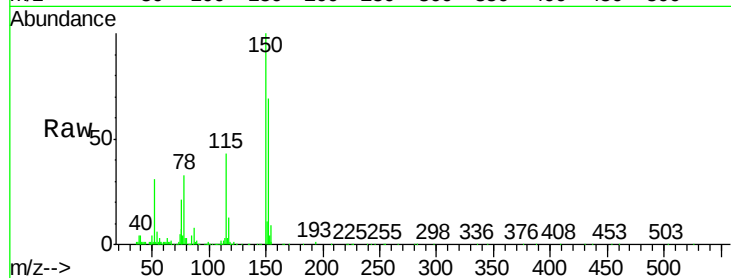
Tgt Ion:152 Resp: 148213

Ion Ratio Lower Upper

152 100

150 144.9 144.7 217.1

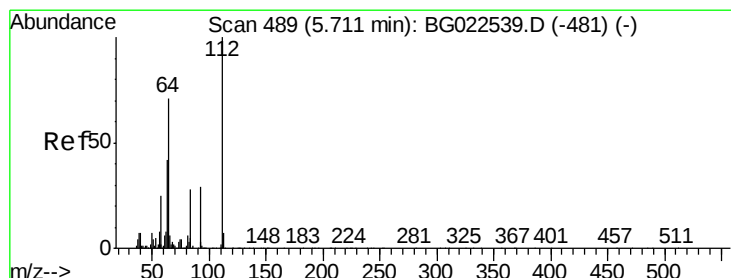
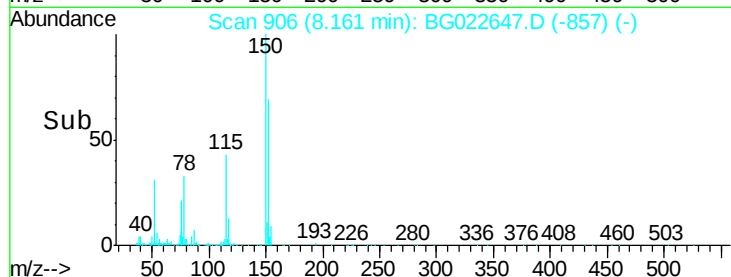
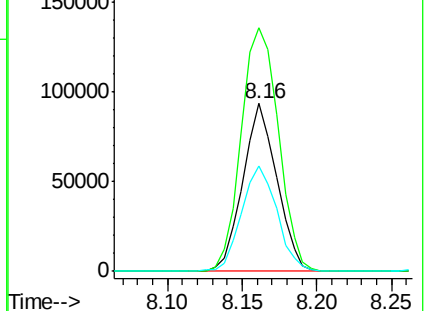
115 62.5 64.0 96.0#



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: 44.53 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022647.D

Acq: 27 Jun 2016 17:41

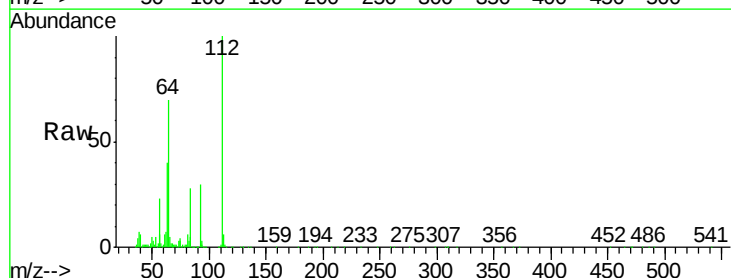
Tgt Ion:112 Resp: 411490

Ion Ratio Lower Upper

112 100

64 70.4 59.0 88.4

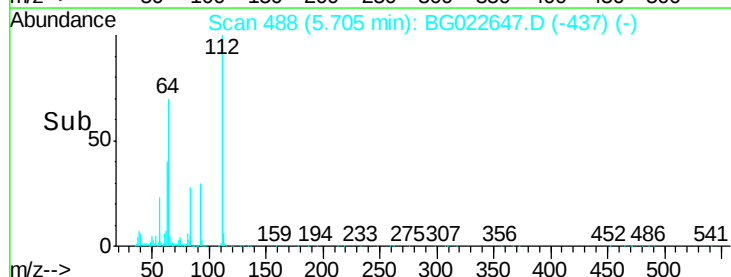
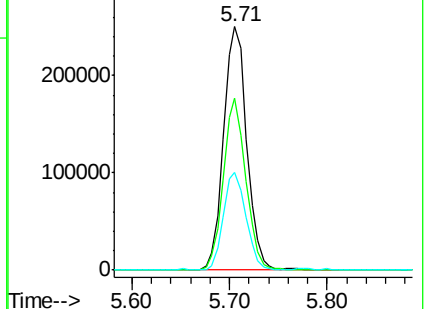
63 40.4 37.8 56.8



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: 29.73 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022647.D

Acq: 27 Jun 2016 17:41

Instrument :

BNA_G

ClientSampled :

3A-9-11

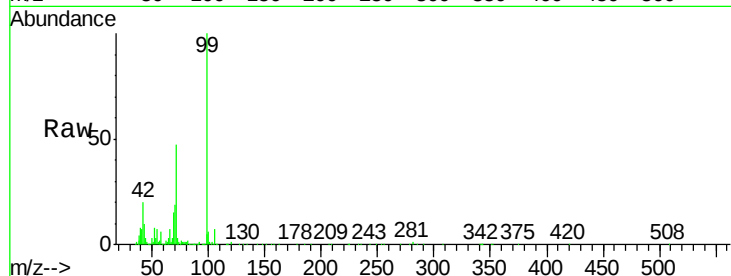
Tgt Ion: 99 Resp: 387227

Ion Ratio Lower Upper

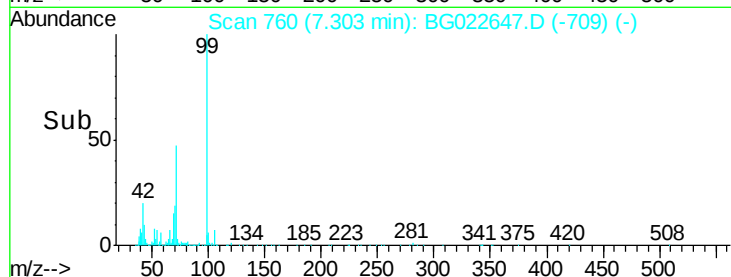
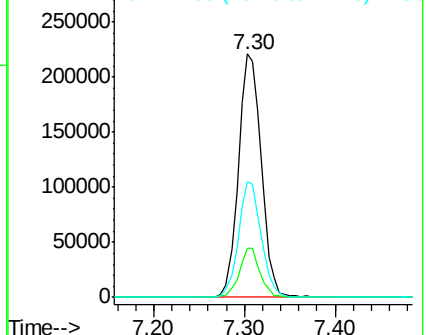
99 100

42 20.4 17.8 26.6

71 47.4 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: BG022647.D

Acq: 27 Jun 2016 17:41

Tgt Ion: 136 Resp: 632134

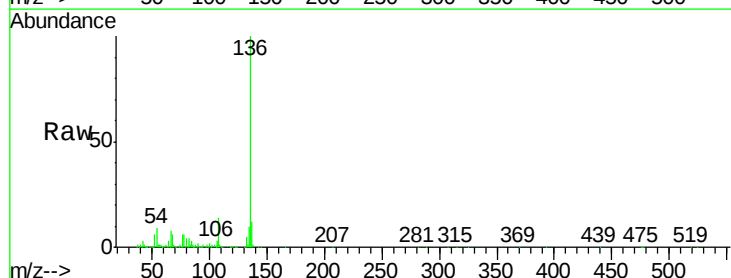
Ion Ratio Lower Upper

136 100

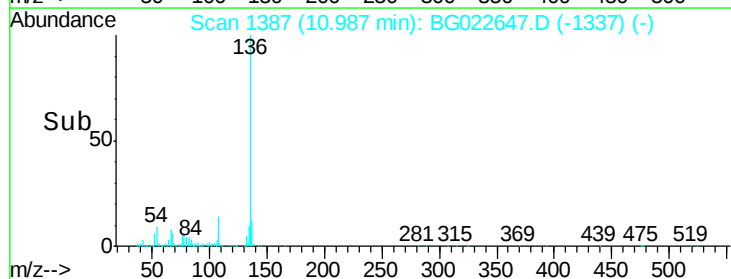
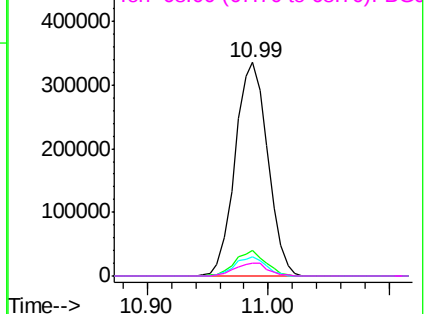
137 12.0 9.6 14.4

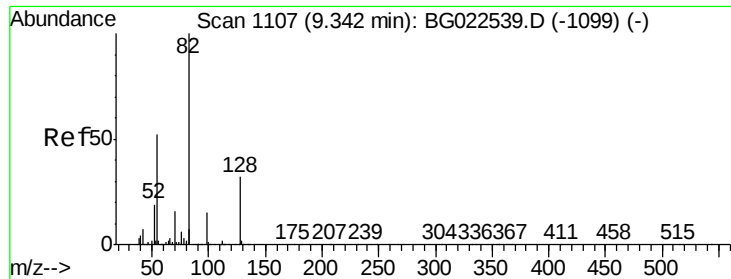
54 9.0 7.3 10.9

68 5.7 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

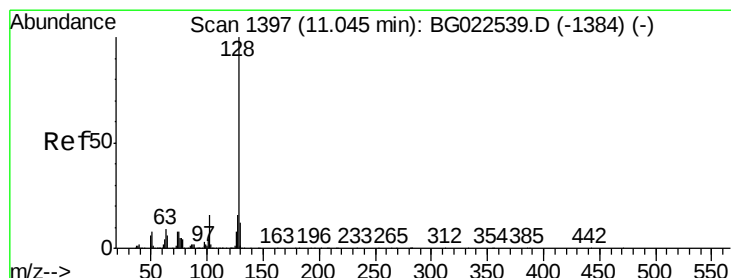
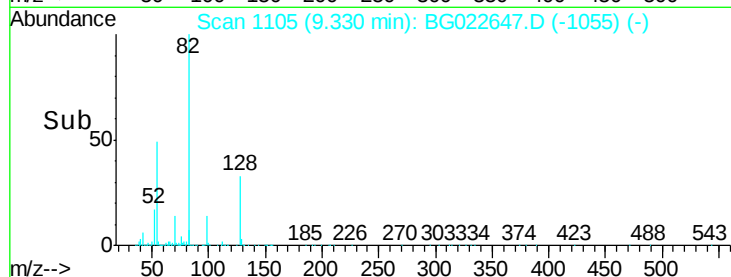
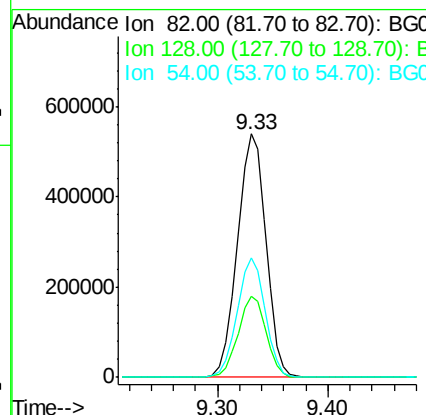
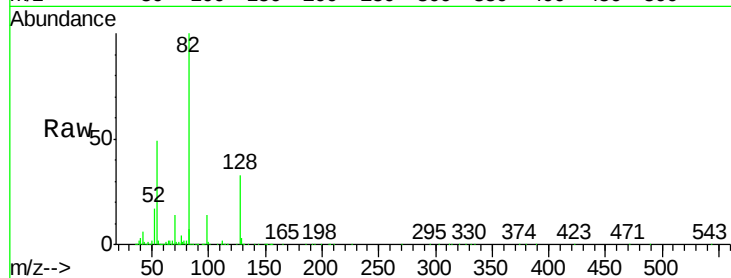




#23
 Nitrobenzene-d5
 Concen: 65.62 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG022647.D
 Acq: 27 Jun 2016 17:41

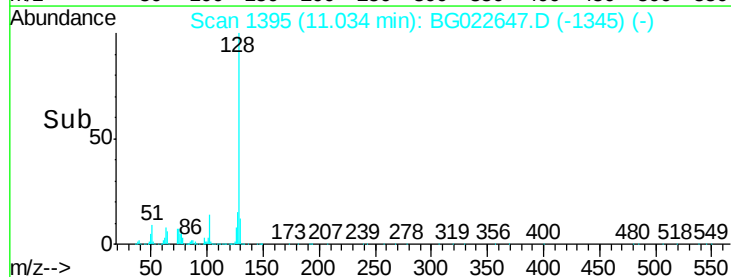
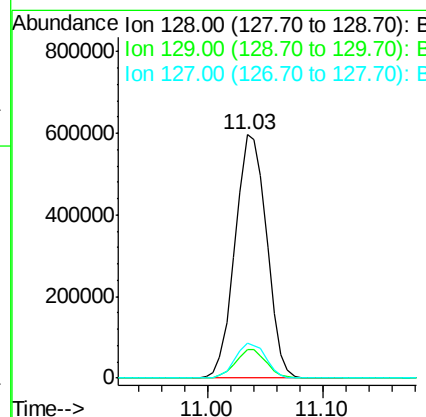
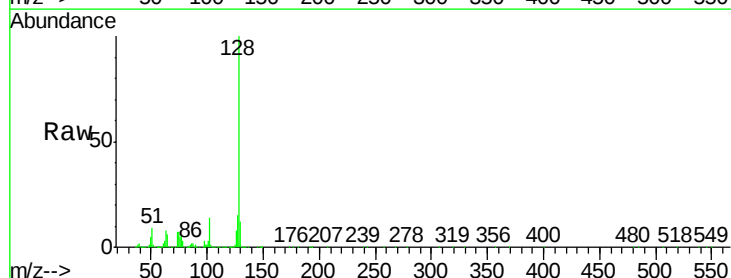
Instrument :
 BNA_G
 ClientSampleId :
 3A-9-11

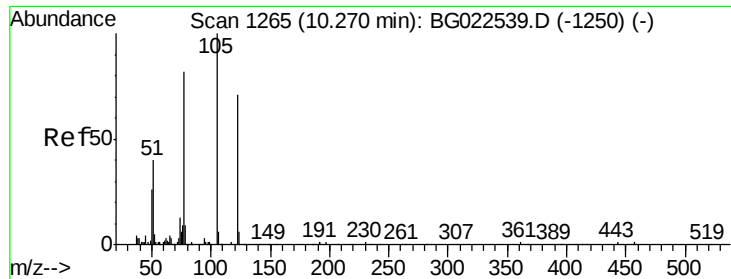
Tgt Ion: 82 Resp: 980122
 Ion Ratio Lower Upper
 82 100
 128 33.2 24.4 36.6
 54 49.0 41.4 62.0



#31
 Naphthalene
 Concen: 35.53 ng
 RT: 11.03 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BG022647.D
 Acq: 27 Jun 2016 17:41

Tgt Ion: 128 Resp: 1128861
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.4 14.0
 127 14.6 11.3 16.9





#32

Benzoic acid

Concen: 5.34 ng

RT: 10.19 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BG022647.D

Acq: 27 Jun 2016 17:41

Instrument :

BNA_G

ClientSampleId :

3A-9-11

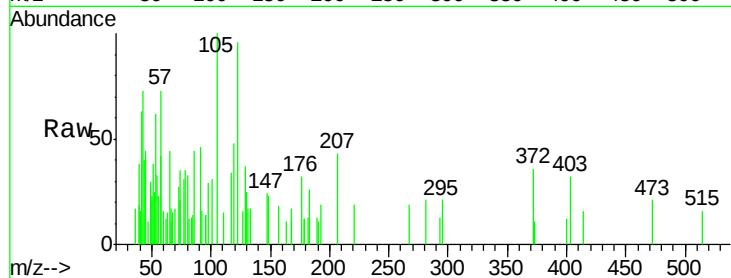
Tgt Ion:122 Resp: 1915

Ion Ratio Lower Upper

122 100

105 104.5 117.2 157.2#

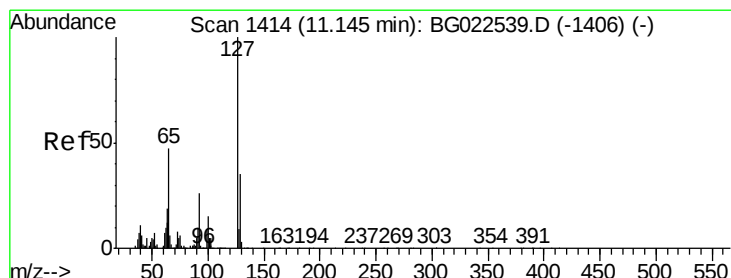
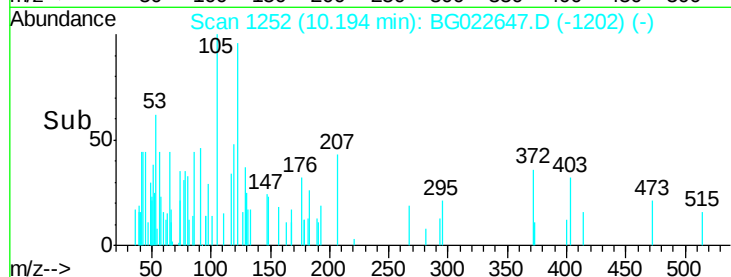
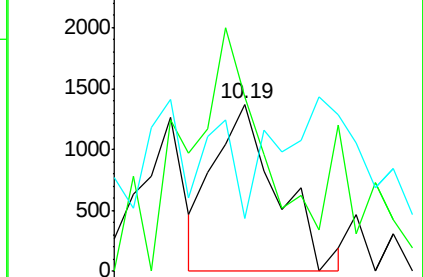
77 31.9 109.2 149.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 11.59 ng

RT: 11.03 min Scan# 1395

Delta R.T. -0.12 min

Lab File: BG022647.D

Acq: 27 Jun 2016 17:41

Tgt Ion:127 Resp: 158676

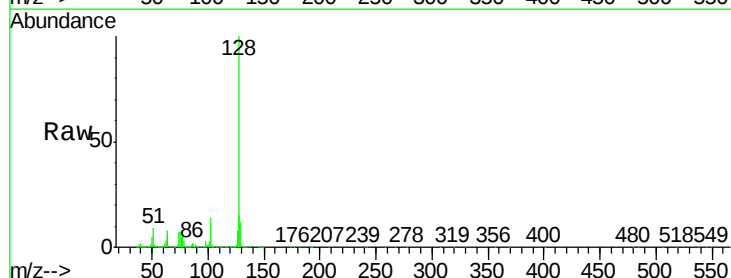
Ion Ratio Lower Upper

127 100

129 80.4 27.9 41.9#

65 0.0 36.8 55.2#

92 0.0 21.0 31.6#

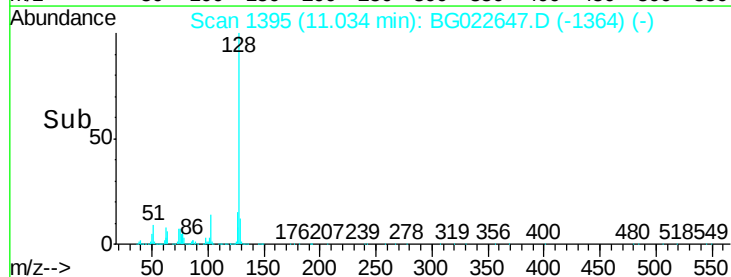
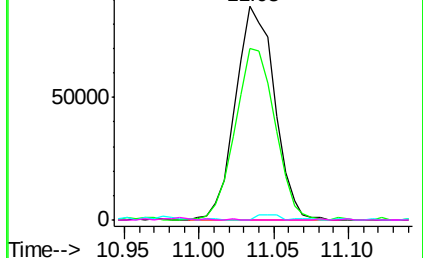


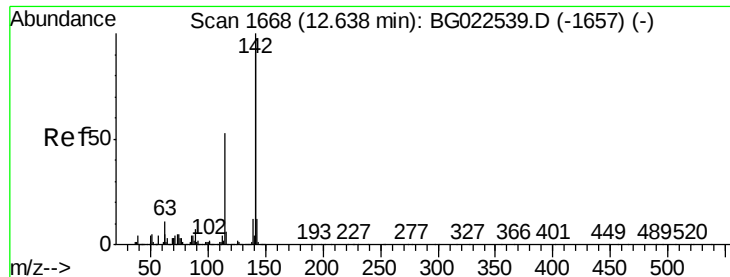
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

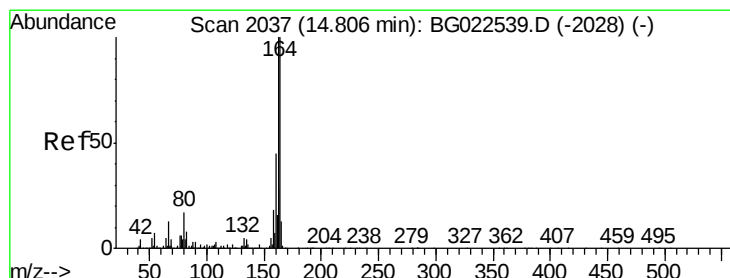
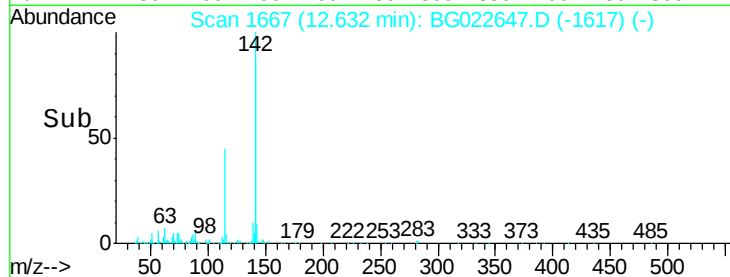
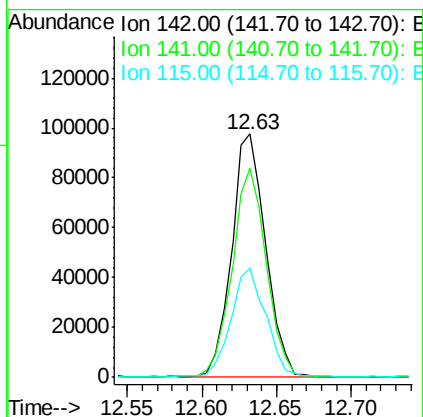
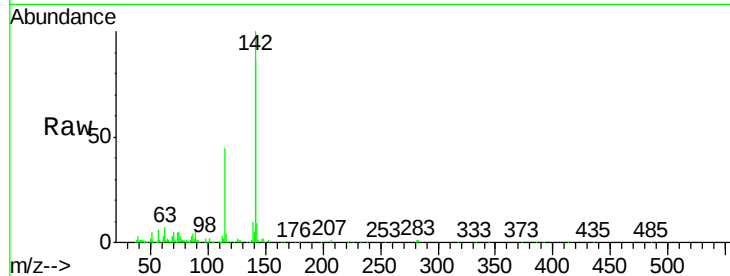




#37
2-Methylnaphthalene
Concen: 6.29 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG022647.D
Acq: 27 Jun 2016 17:41

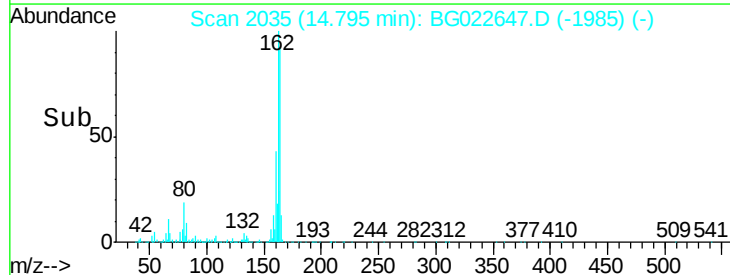
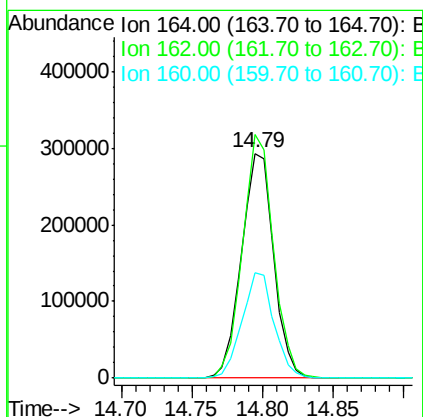
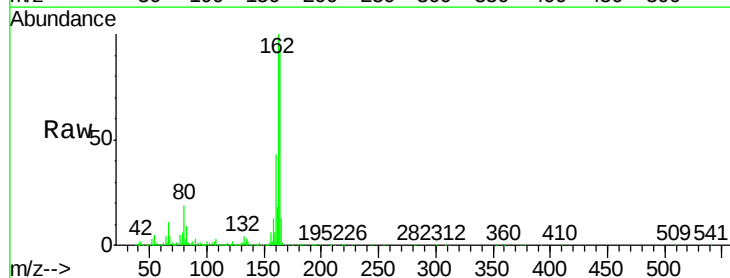
Instrument :
BNA_G
ClientSampleId :
3A-9-11

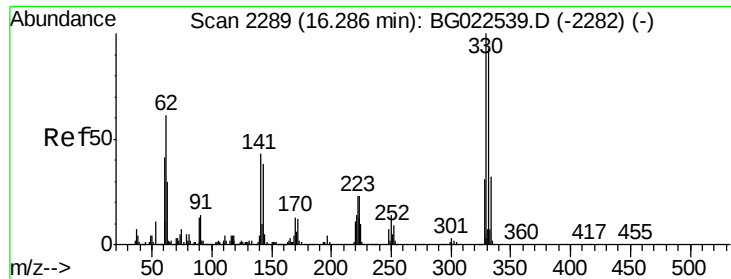
Tgt Ion:142 Resp: 155109
Ion Ratio Lower Upper
142 100
141 85.7 70.2 105.2
115 45.1 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG022647.D
Acq: 27 Jun 2016 17:41

Tgt Ion:164 Resp: 467320
Ion Ratio Lower Upper
164 100
162 108.3 87.7 131.5
160 46.9 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 104.38 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG022647.D

Acq: 27 Jun 2016 17:41

Instrument :

BNA_G

ClientSampleId :

3A-9-11

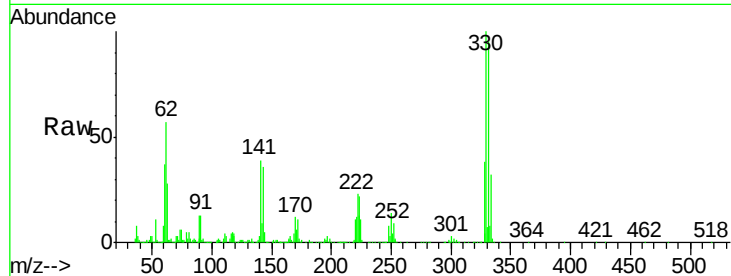
Tgt Ion:330 Resp: 767223

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

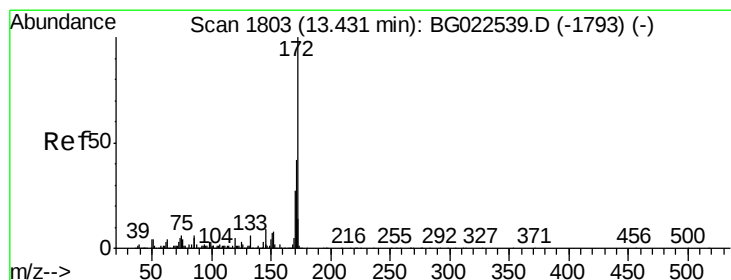
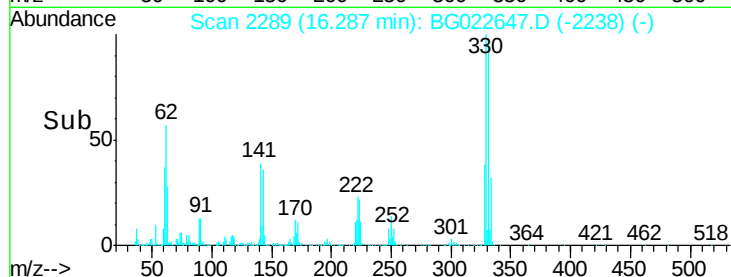
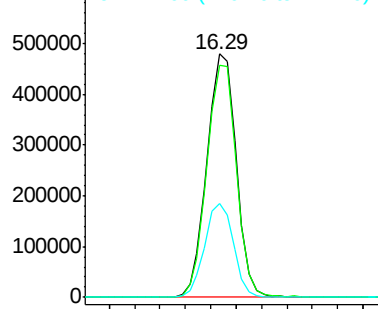
141 37.7 31.7 47.5



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: 64.62 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BG022647.D

Acq: 27 Jun 2016 17:41

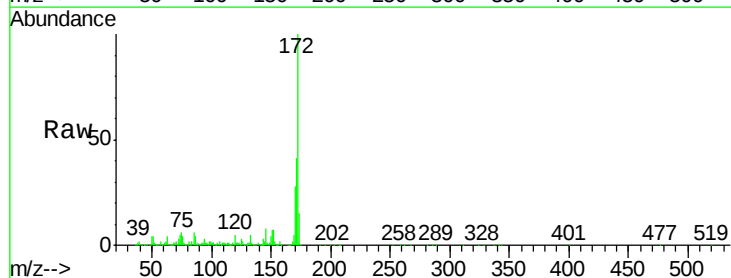
Tgt Ion:172 Resp: 1904063

Ion Ratio Lower Upper

172 100

171 40.7 31.6 47.4

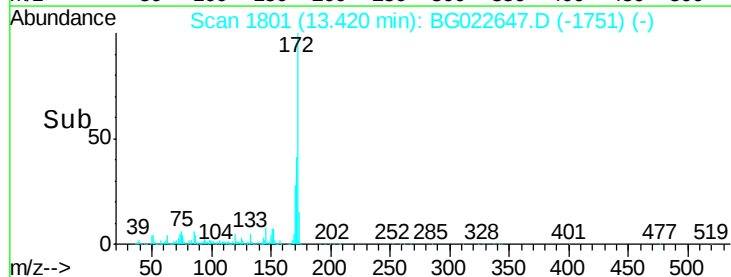
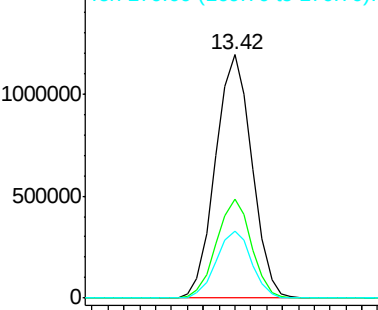
170 27.7 21.3 31.9

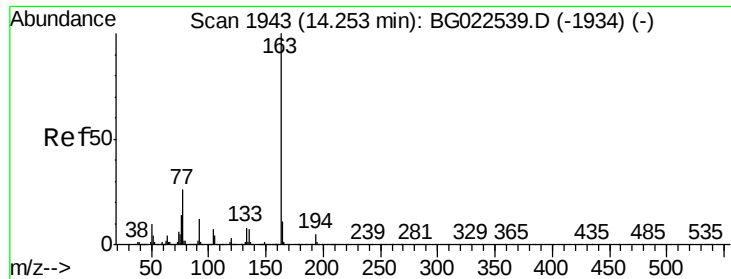


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.62 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022647.D

Acq: 27 Jun 2016 17:41

Instrument :

BNA_G

ClientSampleId :

3A-9-11

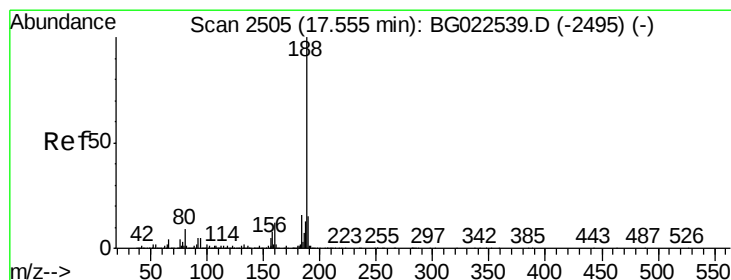
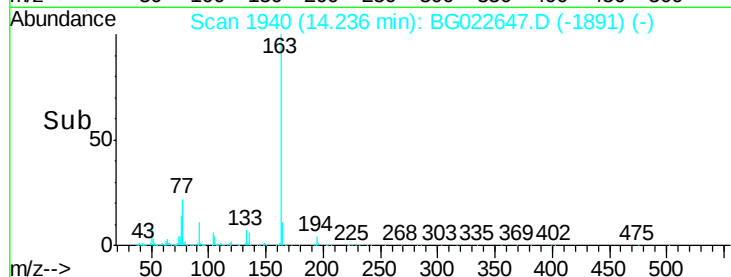
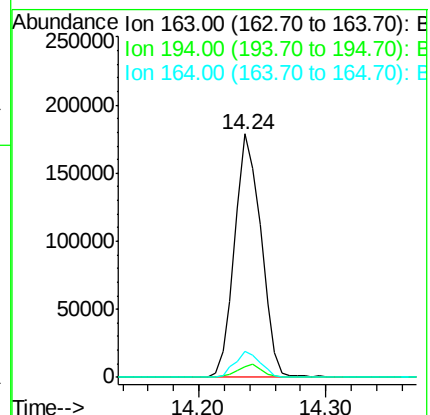
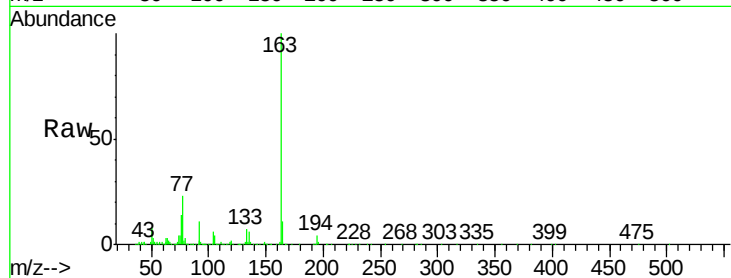
Tgt Ion:163 Resp: 256625

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

164 10.7 8.1 12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BG022647.D

Acq: 27 Jun 2016 17:41

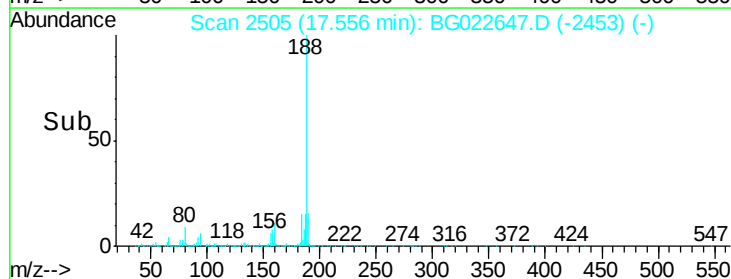
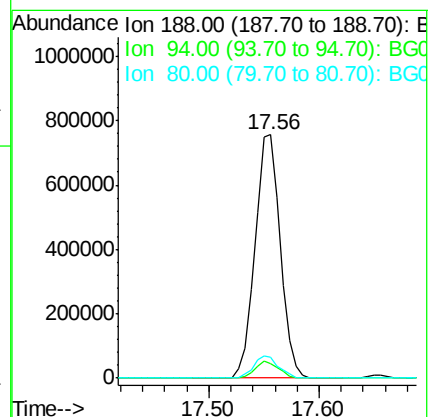
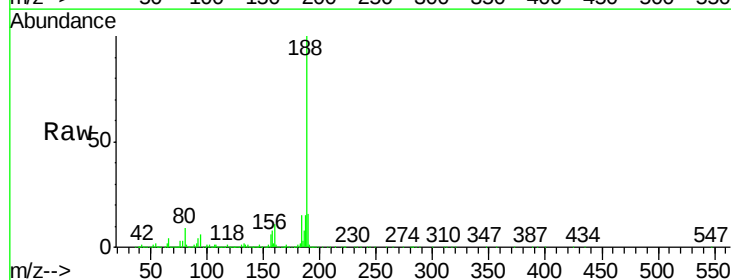
Tgt Ion:188 Resp: 1214211

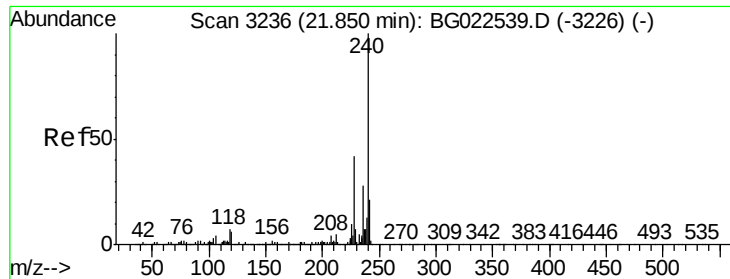
Ion Ratio Lower Upper

188 100

94 6.0 5.2 7.8

80 8.7 7.2 10.8

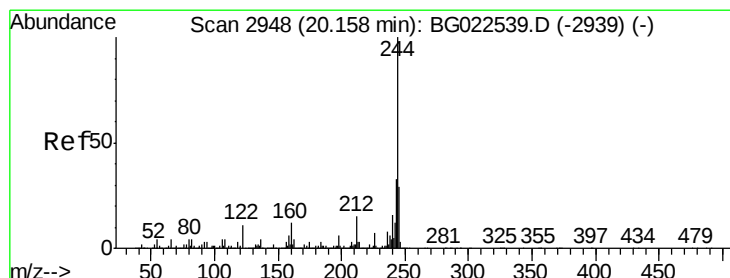
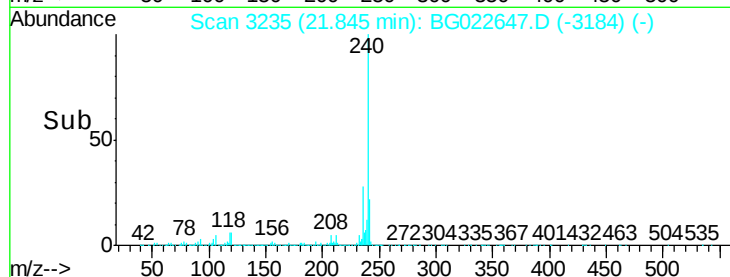
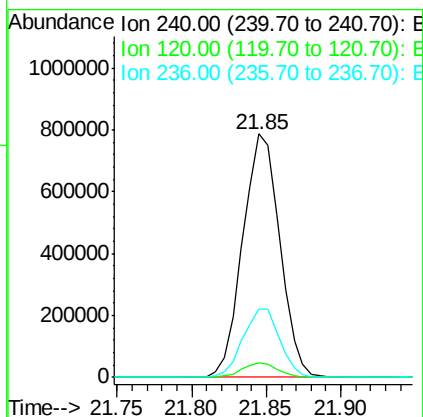
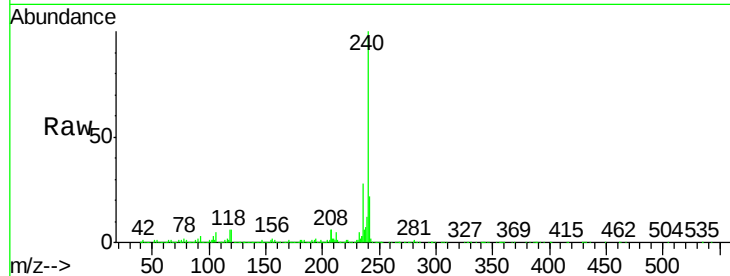




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022647.D
Acq: 27 Jun 2016 17:41

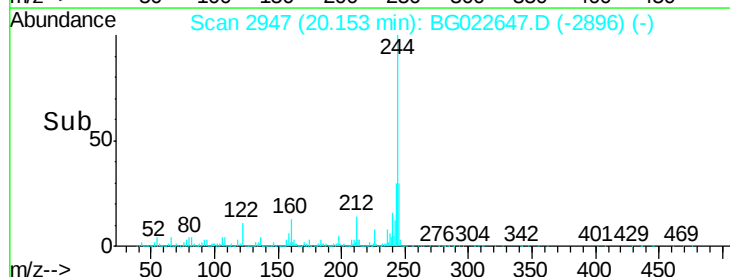
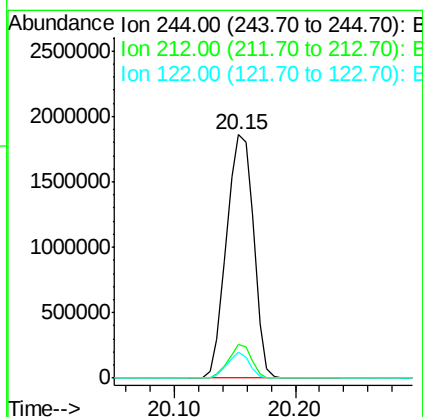
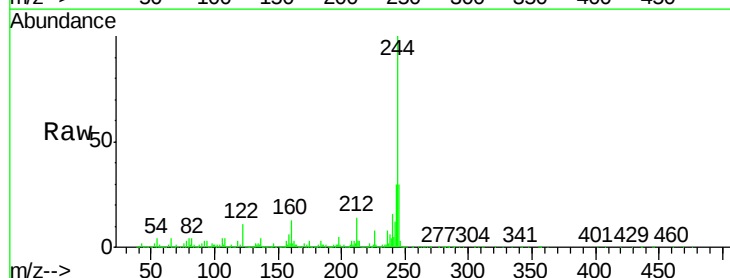
Instrument :
BNA_G
ClientSampleId :
3A-9-11

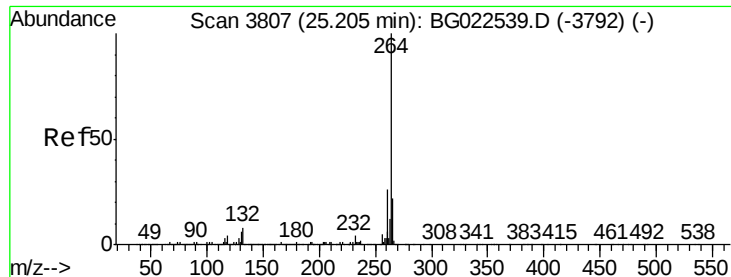
Tgt Ion:240 Resp: 1354390
Ion Ratio Lower Upper
240 100
120 5.9 4.1 6.1
236 28.1 21.1 31.7



#78
Terphenyl-d14
Concen: 56.75 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG022647.D
Acq: 27 Jun 2016 17:41

Tgt Ion:244 Resp: 2901248
Ion Ratio Lower Upper
244 100
212 13.9 10.8 16.2
122 10.7 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

Delta R.T. -0.00 min

Lab File: BG022647.D

Acq: 27 Jun 2016 17:41

Instrument :

BNA_G

ClientSampleId :

3A-9-11

Tgt Ion:264 Resp: 1408625

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 21.2 18.9 28.3

