

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062916\
 Data File : BG022710.D
 Acq On : 30 Jun 2016 1:59
 Operator : UM/SJ
 Sample : H3828-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0584

Quant Time: Jun 30 04:31:10 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

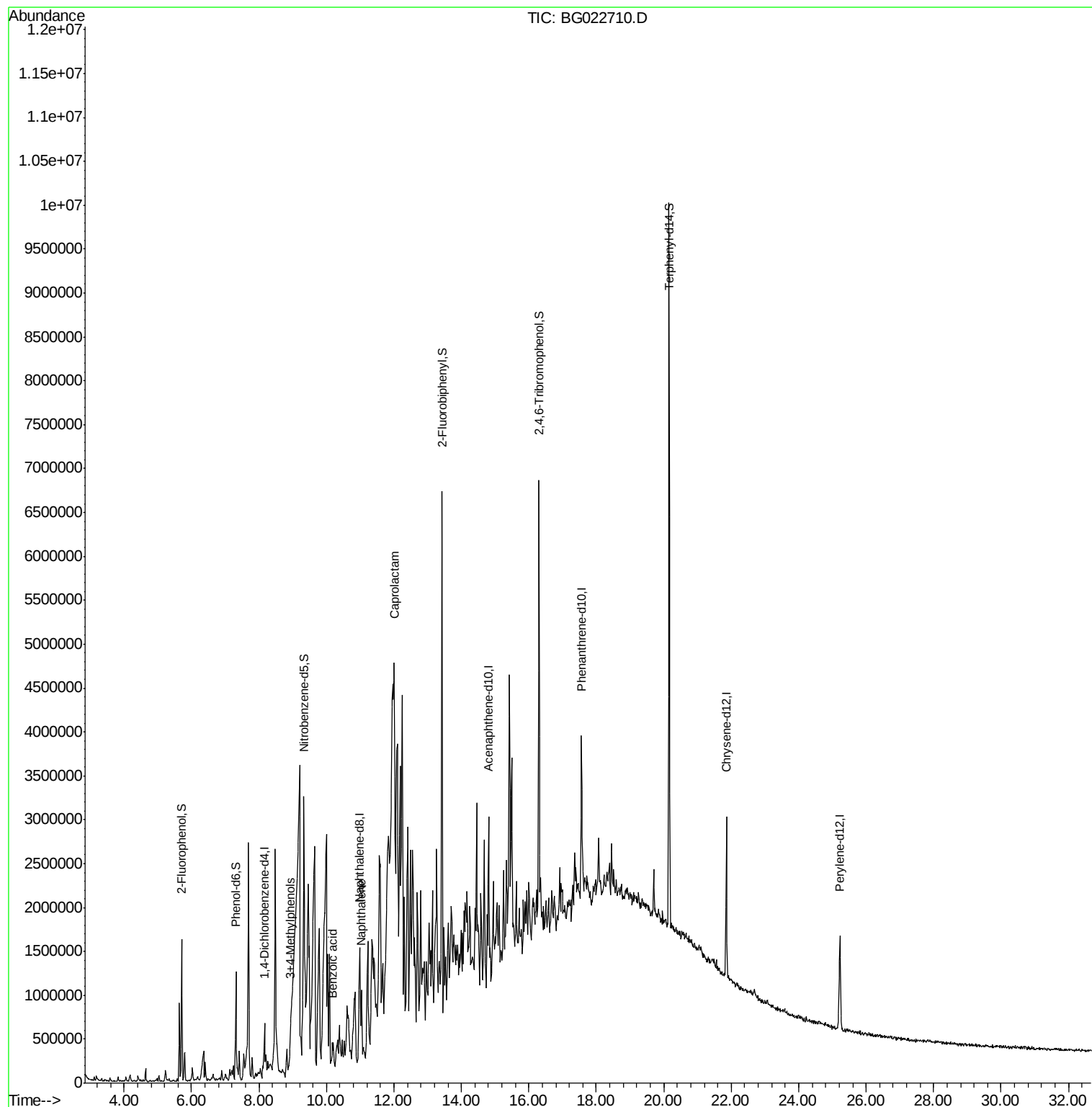
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	152730	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	695007	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	527684	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1077205	20.00	ng	0.01
75) Chrysene-d12	21.86	240	1193948	20.00	ng	0.01
86) Perylene-d12	25.22	264	1246917	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	654700	68.76	ng	0.00
7) Phenol-d6	7.31	99	705912	52.59	ng	0.01
23) Nitrobenzene-d5	9.34	82	1301413	79.25	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	991170	119.42	ng	0.02
44) 2-Fluorobiphenyl	13.42	172	2563816	77.05	ng	0.00
78) Terphenyl-d14	20.16	244	2975914	66.04	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.93	107	46318	3.60	ng	Qvalue 94
31) Naphthalene	11.04	128	408190	11.68	ng	96
32) Benzoic acid	10.18	122	22723	7.60	ng	# 20
35) Caprolactam	12.00	113	454200	118.49	ng	# 1

(#) = 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: BG022710.D

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ClientSampleId :

S8-0584

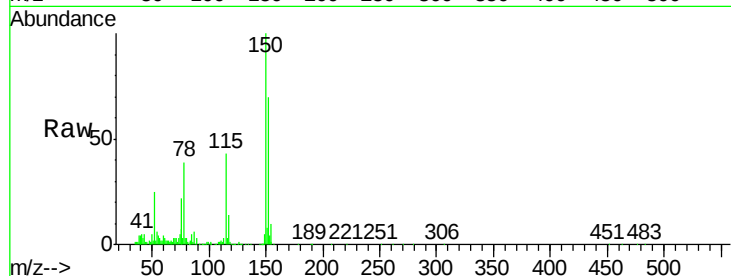
Tgt Ion:152 Resp: 152730

Ion Ratio Lower Upper

152 100

150 143.7 144.7 217.1#

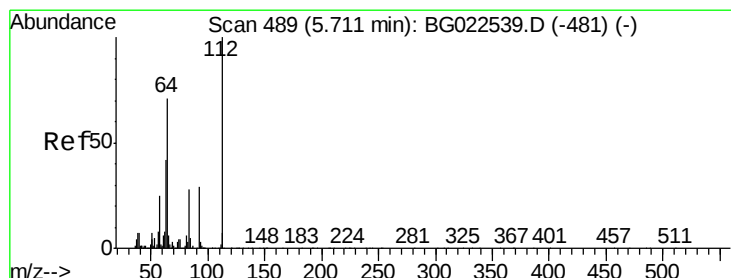
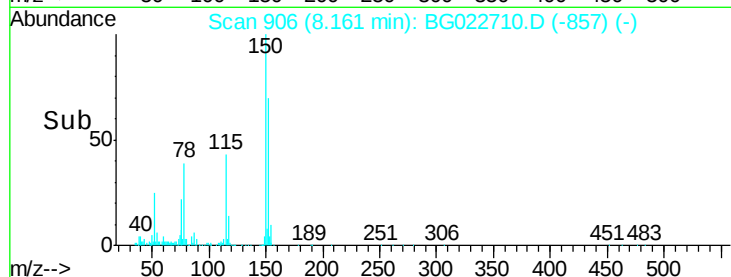
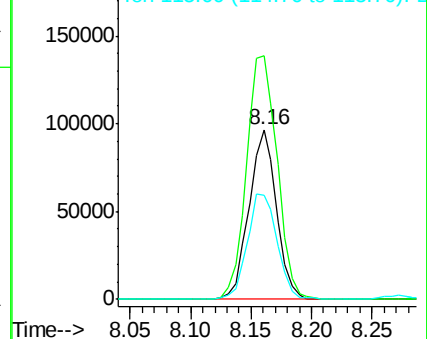
115 61.1 64.0 96.0#



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: 68.76 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022710.D

Acq: 30 Jun 2016 1:59

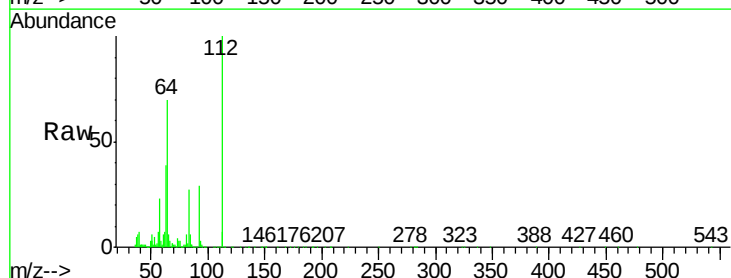
Tgt Ion:112 Resp: 654700

Ion Ratio Lower Upper

112 100

64 70.2 59.0 88.4

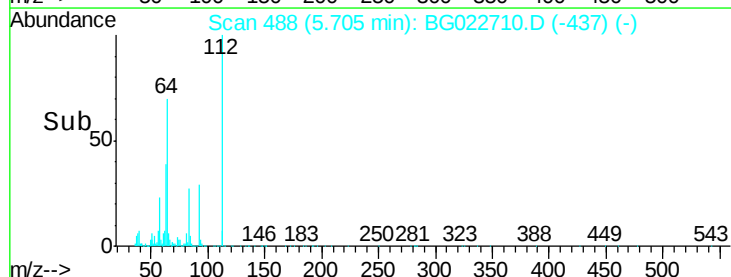
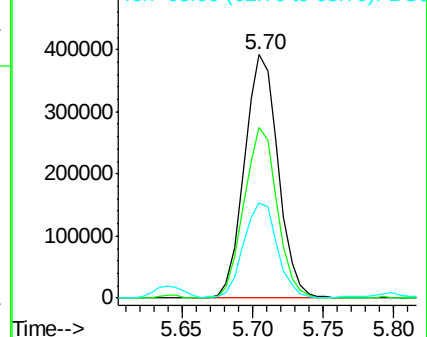
63 39.3 37.8 56.8

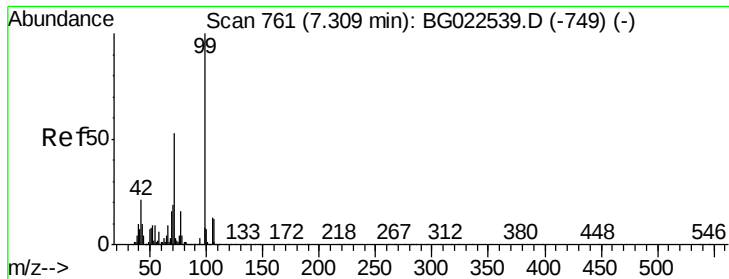


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 52.59 ng

RT: 7.31 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG022710.D

Acq: 30 Jun 2016 1:59

Instrument :

BNA_G

ClientSampleId :

S8-0584

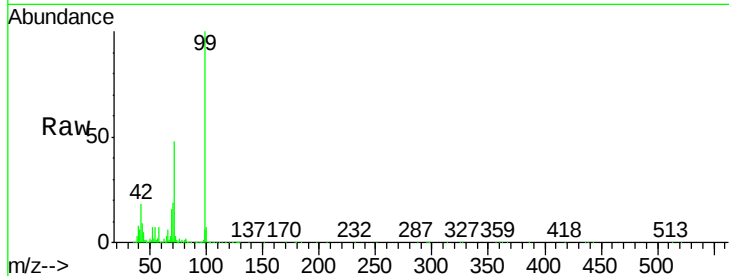
Tgt Ion: 99 Resp: 705912

Ion Ratio Lower Upper

99 100

42 17.7 17.8 26.6#

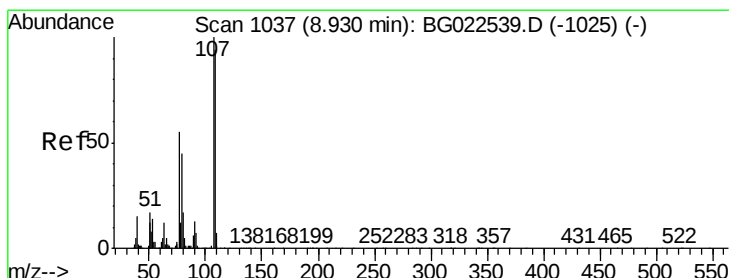
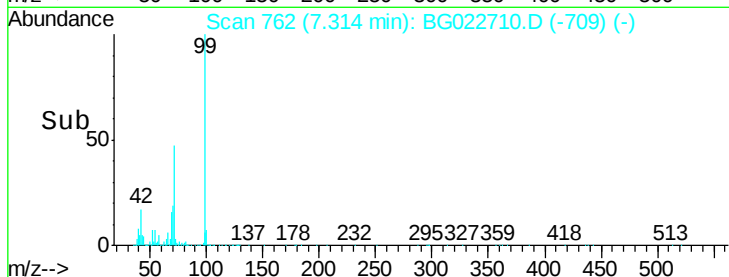
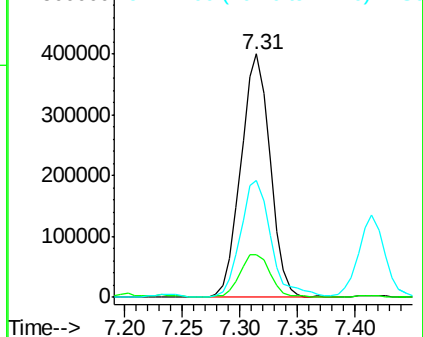
71 47.9 41.5 62.3



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



#20

3+4-Methylphenols

Concen: 3.60 ng

RT: 8.93 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BG022710.D

Acq: 30 Jun 2016 1:59

Tgt Ion: 107 Resp: 46318

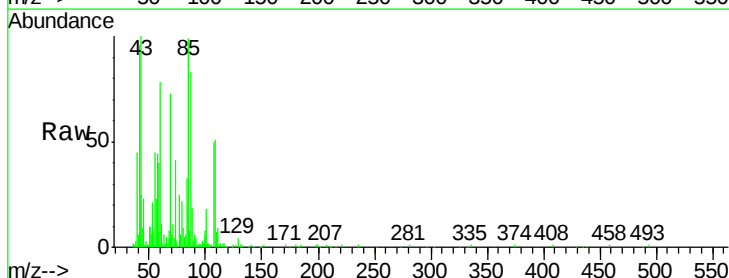
Ion Ratio Lower Upper

107 100

108 102.2 72.5 112.5

77 49.3 30.1 70.1

79 44.9 24.2 64.2

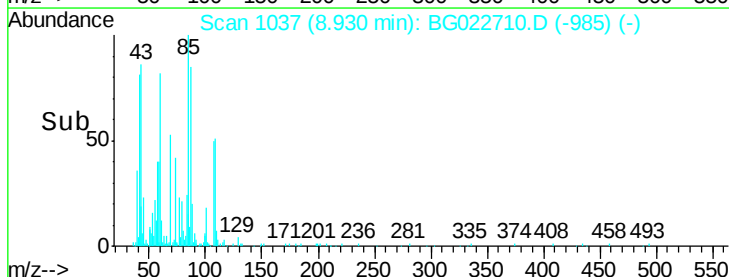
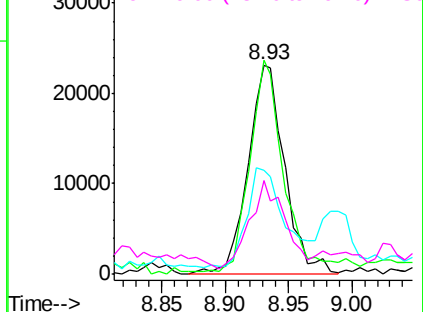


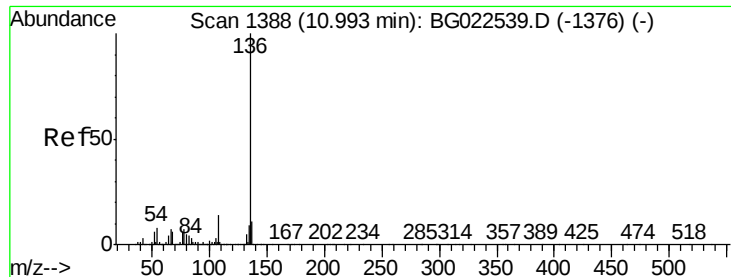
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

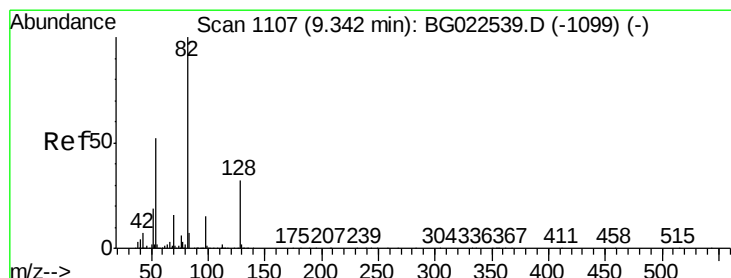
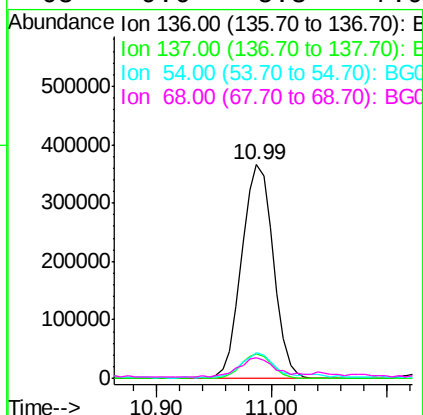
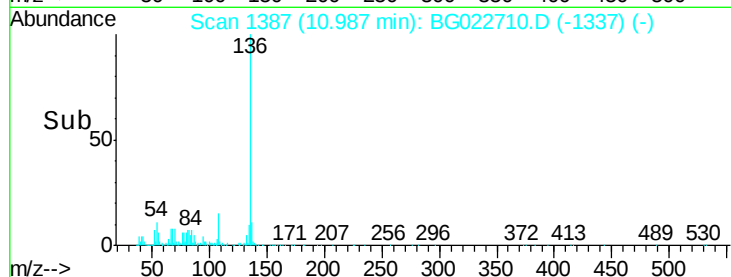
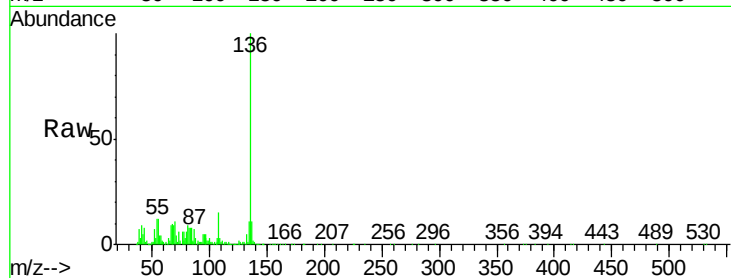




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

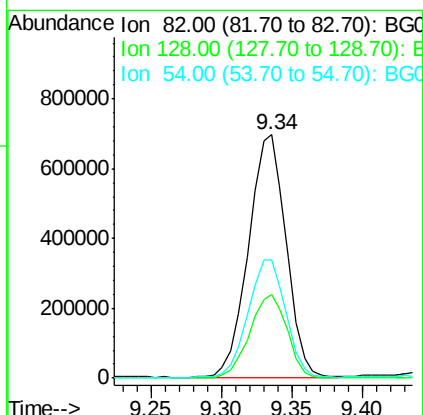
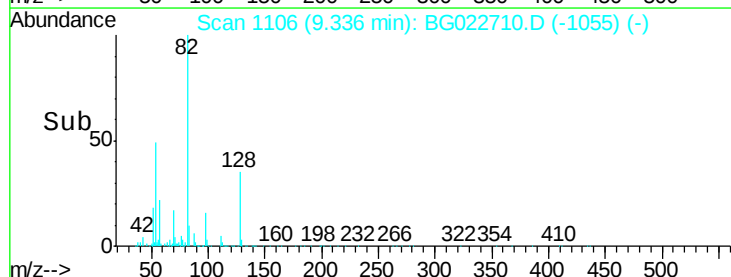
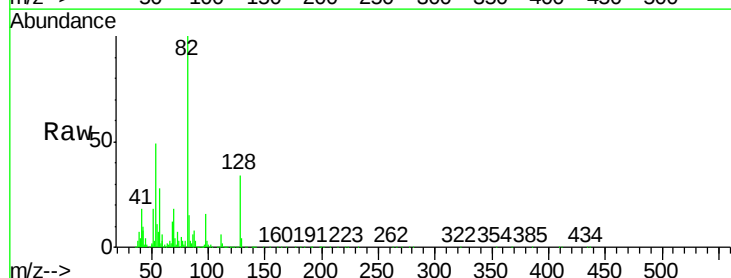
Instrument :
BNA_G
ClientSampled :
S8-0584

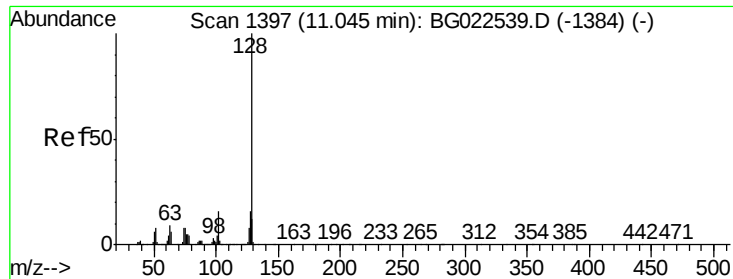
Tgt Ion:	136	Resp:	695007
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	11.7	7.3	10.9#
68	9.6	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 79.25 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

Tgt Ion:	82	Resp:	1301413
Ion	Ratio	Lower	Upper
82	100		
128	34.5	24.4	36.6
54	48.8	41.4	62.0

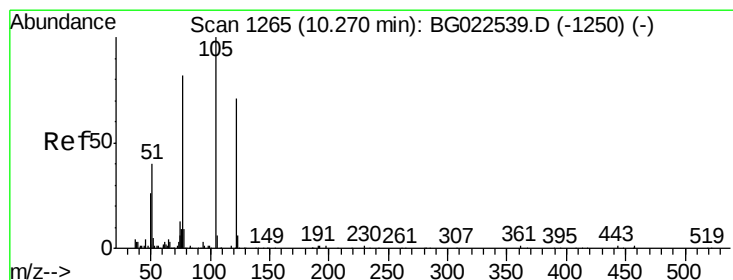
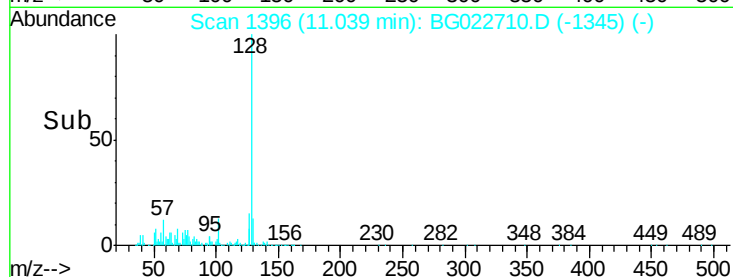
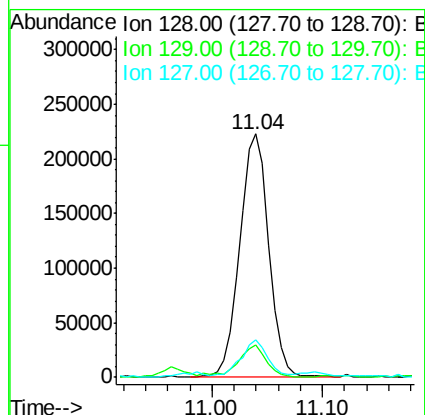
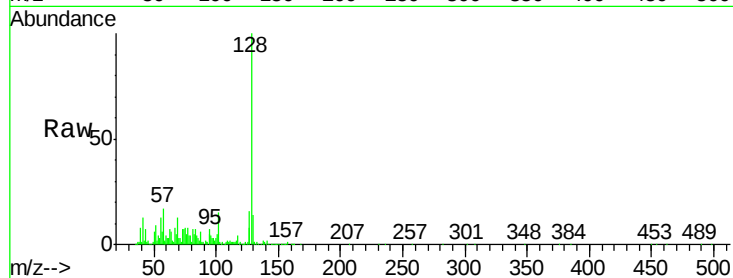




#31
Naphthalene
Concen: 11.68 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

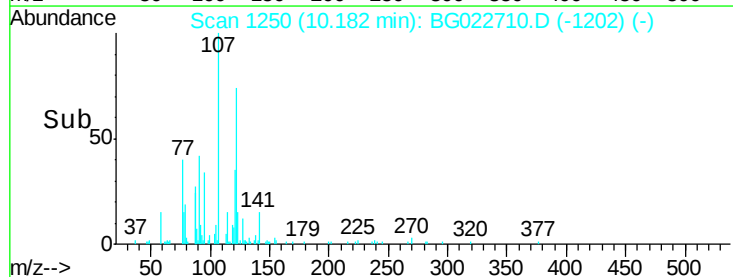
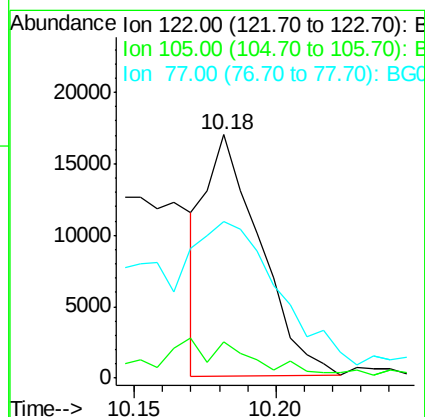
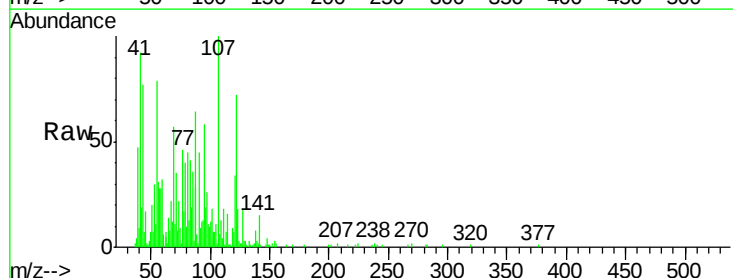
Instrument :
BNA_G
ClientSampleId :
S8-0584

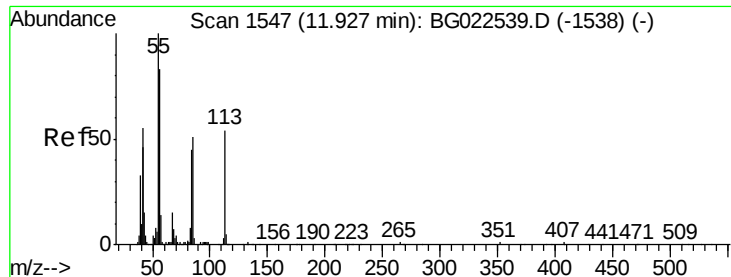
Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.4	14.0
127	15.6	11.3	16.9



#32
Benzoic acid
Concen: 7.60 ng
RT: 10.18 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BG022710.D
Acq: 30 Jun 2016 1:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	14.7	117.2	157.2#
77	64.2	109.2	149.2#





#35

Caprolactam

Concen: 118.49 ng

RT: 12.00 min Scan# 1560

Delta R.T. 0.11 min

Lab File: BG022710.D

Acq: 30 Jun 2016 1:59

Instrument :

BNA_G

ClientSampleId :

S8-0584

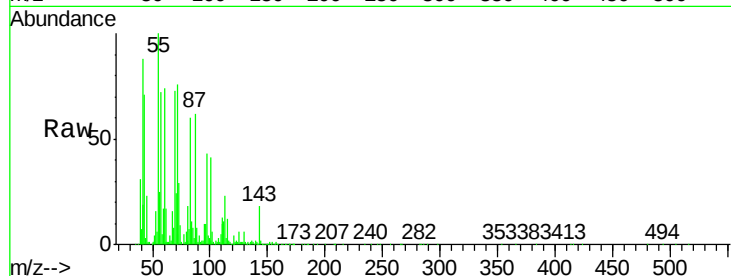
Tgt Ion:113 Resp: 454200

Ion Ratio Lower Upper

113 100

55 439.4 154.5 194.5#

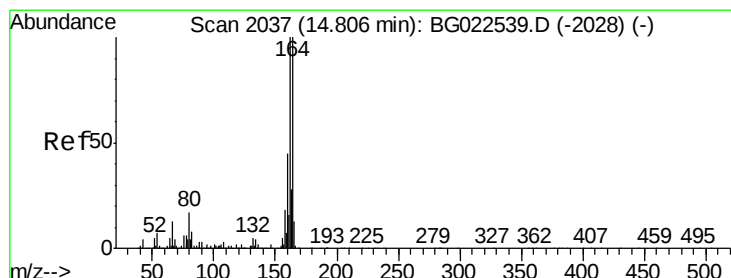
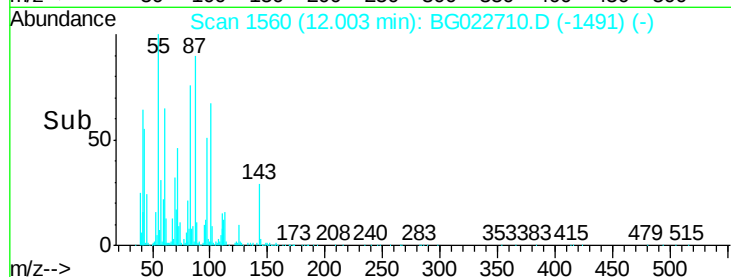
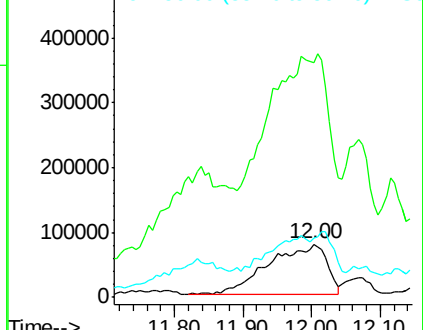
56 110.1 125.1 165.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BG022710.D

Acq: 30 Jun 2016 1:59

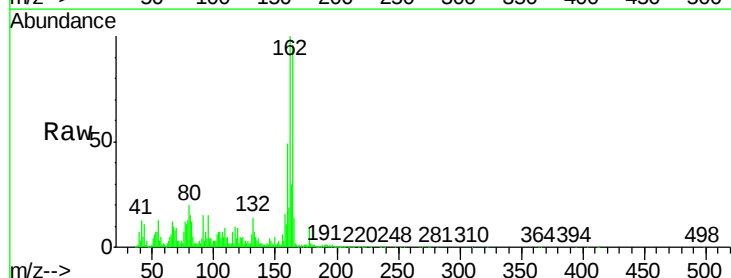
Tgt Ion:164 Resp: 527684

Ion Ratio Lower Upper

164 100

162 104.2 87.7 131.5

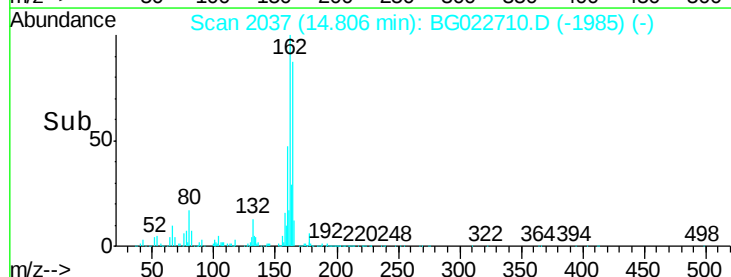
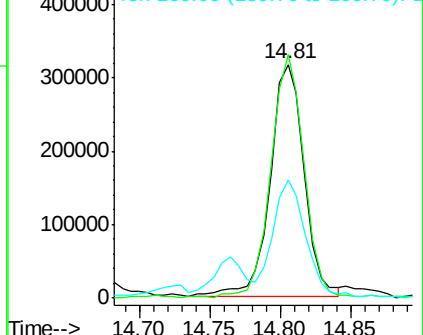
160 50.6 37.2 55.8

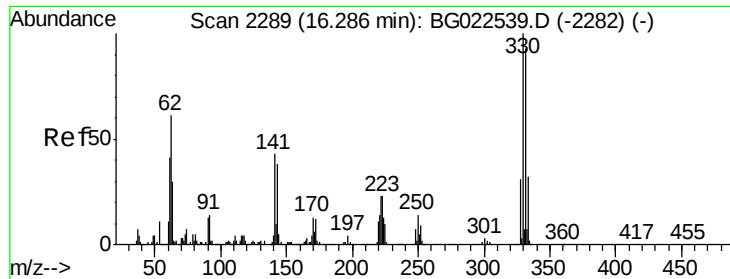


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

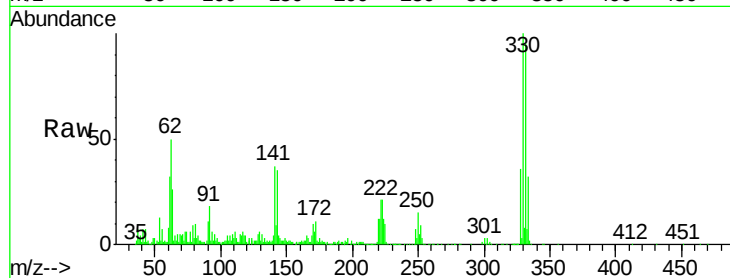




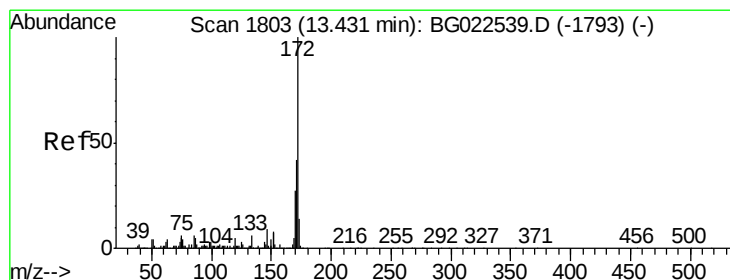
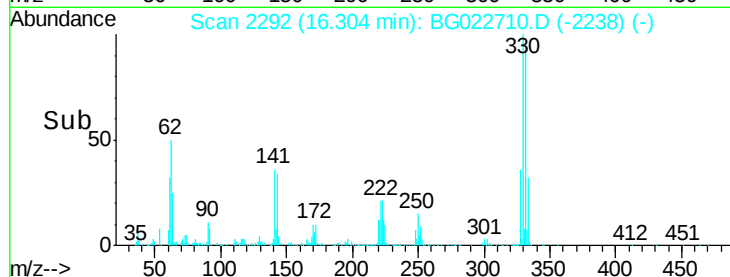
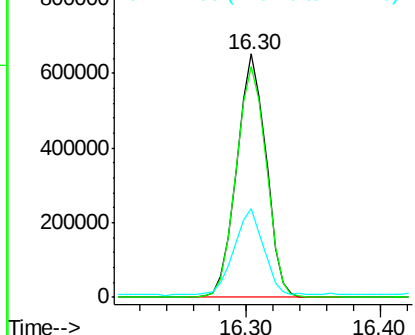
#41
 2,4,6-Tribromophenol
 Concen: 119.42 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. 0.02 min
 Lab File: BG022710.D
 Acq: 30 Jun 2016 1:59

Instrument :
 BNA_G
 ClientSampleId :
 S8-0584

Tgt Ion:330 Resp: 991170
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 36.8 31.7 47.5

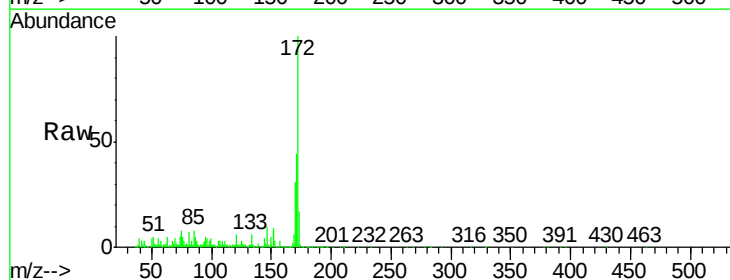


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

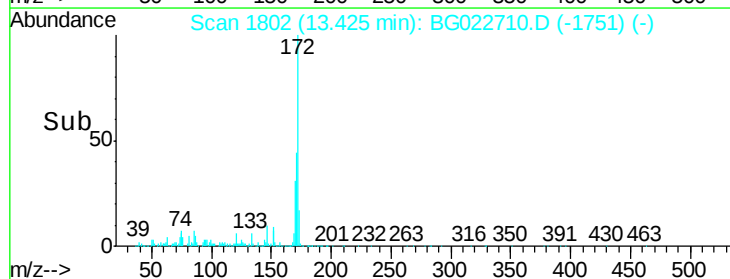
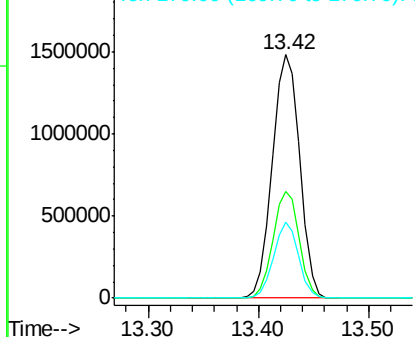


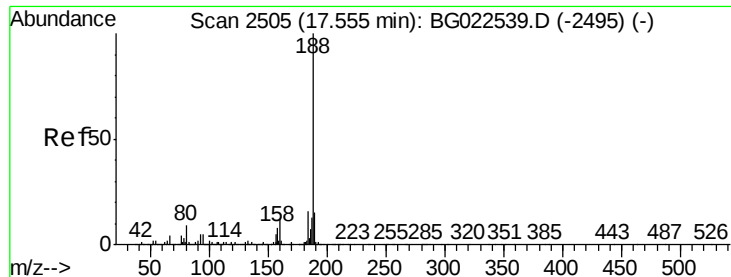
#44
 2-Fluorobiphenyl
 Concen: 77.05 ng
 RT: 13.42 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BG022710.D
 Acq: 30 Jun 2016 1:59

Tgt Ion:172 Resp: 2563816
 Ion Ratio Lower Upper
 172 100
 171 44.1 31.6 47.4
 170 31.2 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: 17.56 min Scan# 2506

Delta R.T. 0.01 min

Lab File: BG022710.D

Acq: 30 Jun 2016 1:59

Instrument :

BNA_G

ClientSampleId :

S8-0584

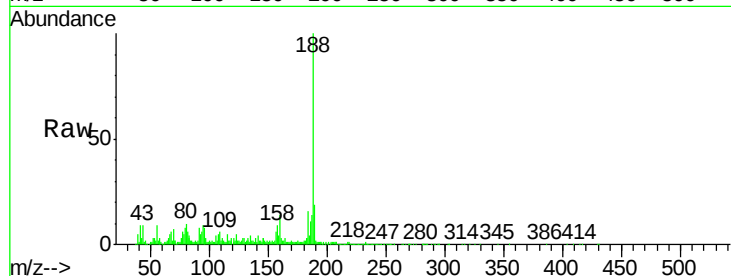
Tgt Ion:188 Resp: 1077205

Ion Ratio Lower Upper

188 100

94 9.3 5.2 7.8#

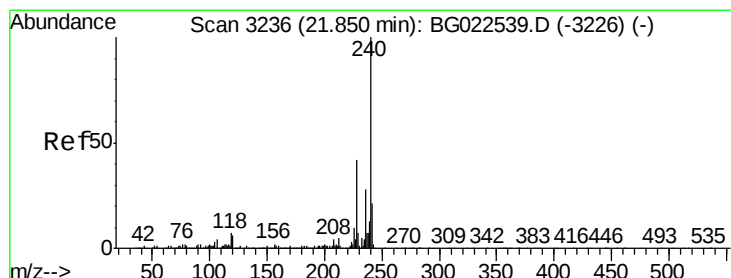
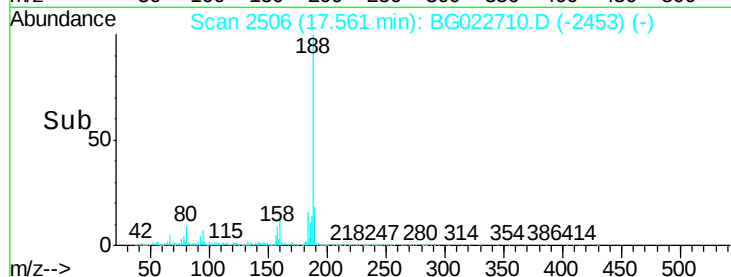
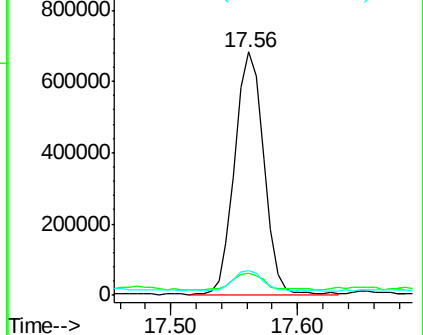
80 10.2 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG022710.D

Acq: 30 Jun 2016 1:59

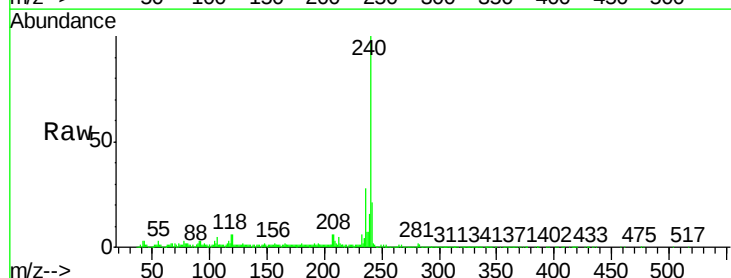
Tgt Ion:240 Resp: 1193948

Ion Ratio Lower Upper

240 100

120 5.5 4.1 6.1

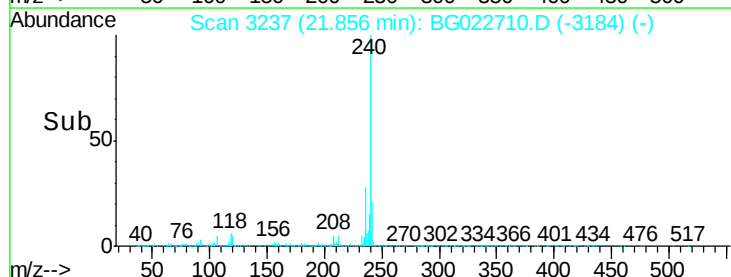
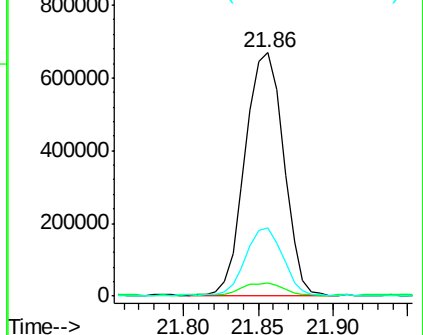
236 28.1 21.1 31.7

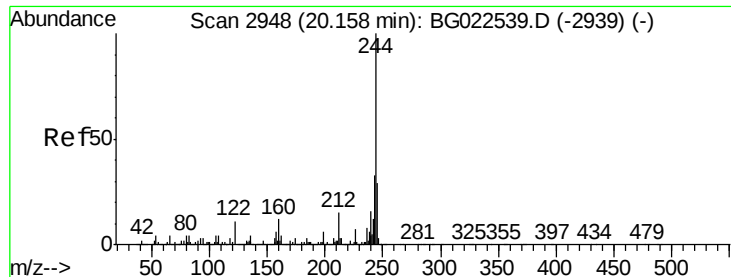


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.04 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022710.D

Acq: 30 Jun 2016 1:59

Instrument :

BNA_G

ClientSampleId :

S8-0584

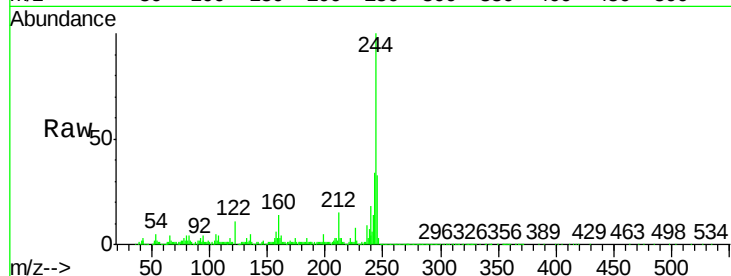
Tgt Ion:244 Resp: 2975914

Ion Ratio Lower Upper

244 100

212 15.2 10.8 16.2

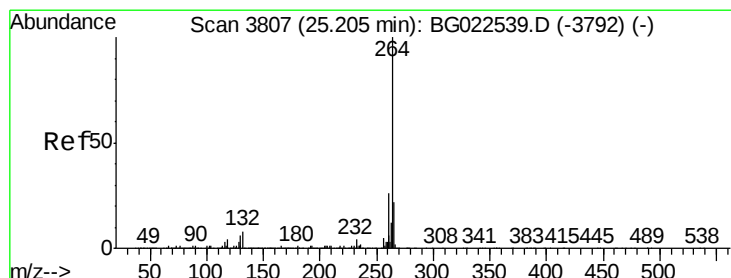
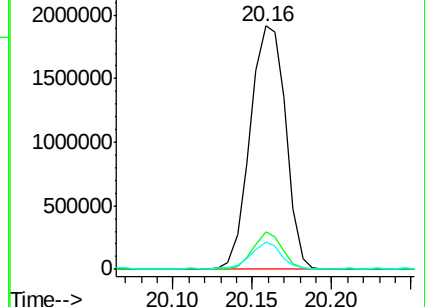
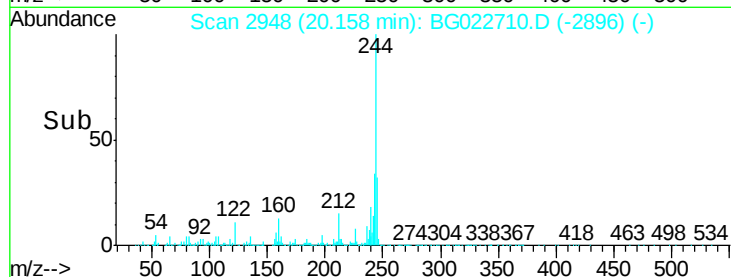
122 11.3 8.0 12.0



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: 25.22 min Scan# 3810

Delta R.T. 0.02 min

Lab File: BG022710.D

Acq: 30 Jun 2016 1:59

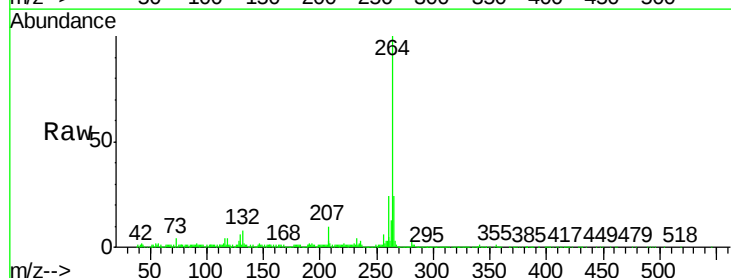
Tgt Ion:264 Resp: 1246917

Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 23.8 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

