

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
 Data File : BG022708.D
 Acq On : 30 Jun 2016 00:39
 Operator : UM/SJ
 Sample : H3828-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0582

Quant Time: Jun 30 11:43:32 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

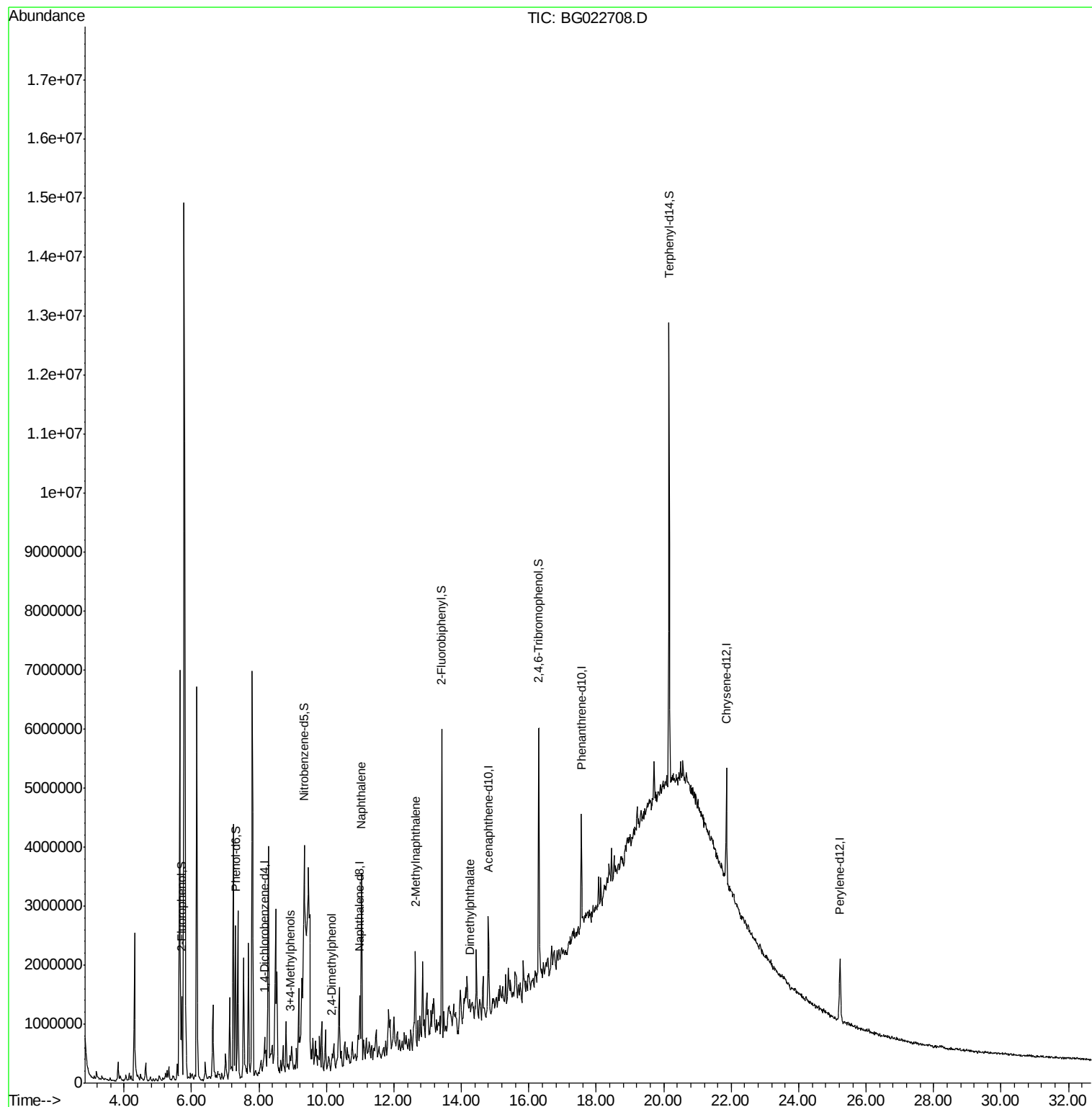
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	169546	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	738483	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	519557	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1086809	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1250025	20.00	ng	0.01
86) Perylene-d12	25.23	264	1235278	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	500681	47.37	ng	0.00
7) Phenol-d6	7.31	99	485227	32.57	ng	0.00
23) Nitrobenzene-d5	9.34	82	1288287	73.83	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	854699	104.59	ng	0.01
44) 2-Fluorobiphenyl	13.42	172	2445962	74.66	ng	0.00
78) Terphenyl-d14	20.16	244	2786414	59.06	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	8.92	107	78290	5.48	ng	83
27) 2,4-Dimethylphenol	10.15	122	40634	3.06	ng	91
31) Naphthalene	11.04	128	2200138	59.27	ng	95
37) 2-Methylnaphthalene	12.63	142	710545	24.68	ng	95
49) Dimethylphthalate	14.25	163	88313	2.05	ng	98

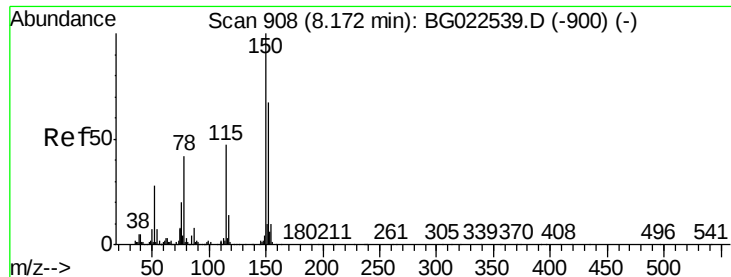
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 906

Delta R.T. -0.01 min

Lab File: BG022708.D

Acq: 30 Jun 2016 00:39

Instrument :

BNA_G

ClientSampleId :

S8-0582

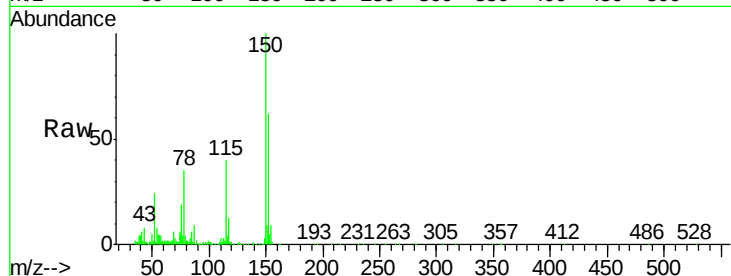
Tot Ion:152 Resp: 169546

Ion Ratio Lower Upper

152 100

150 162.0 144.7 217.1

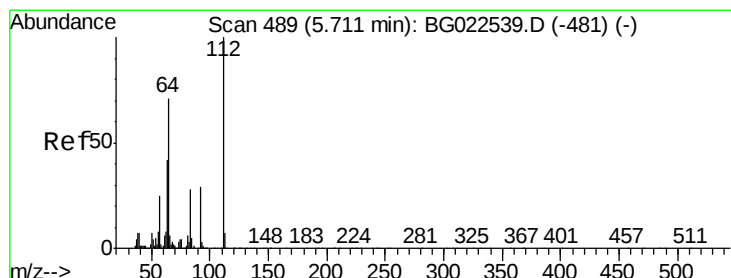
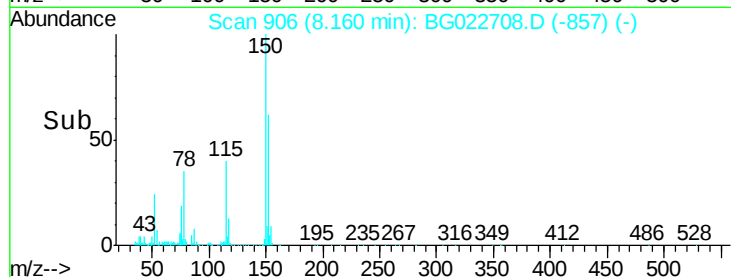
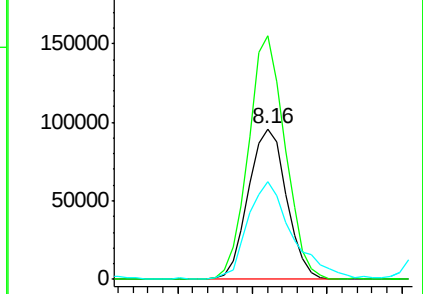
115 65.4 64.0 96.0



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: 47.37 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022708.D

Acq: 30 Jun 2016 00:39

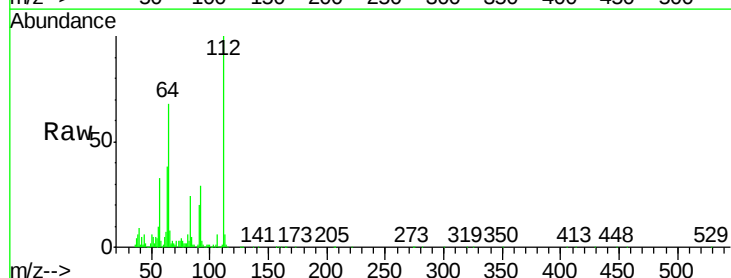
Tgt Ion:112 Resp: 500681

Ion Ratio Lower Upper

112 100

64 68.2 59.0 88.4

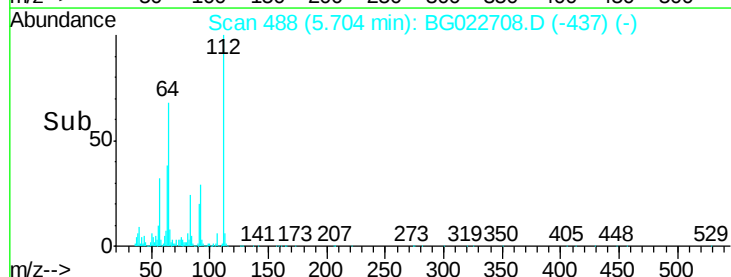
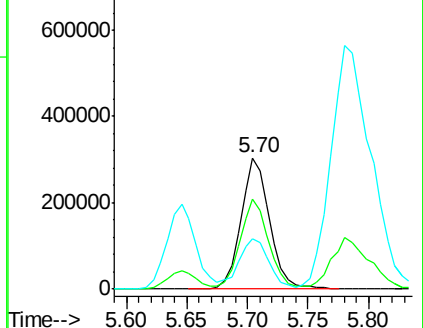
63 37.9 37.8 56.8

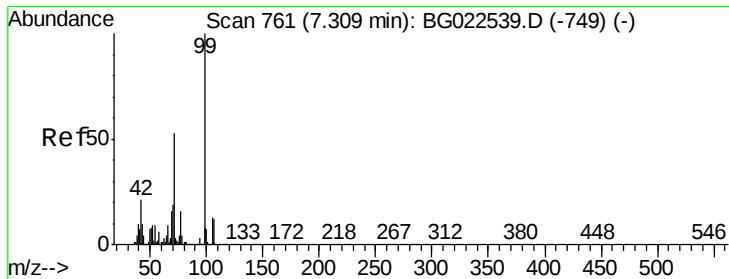


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 32.57 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022708.D

Acq: 30 Jun 2016 00:39

Instrument :

BNA_G

ClientSampleId :

S8-0582

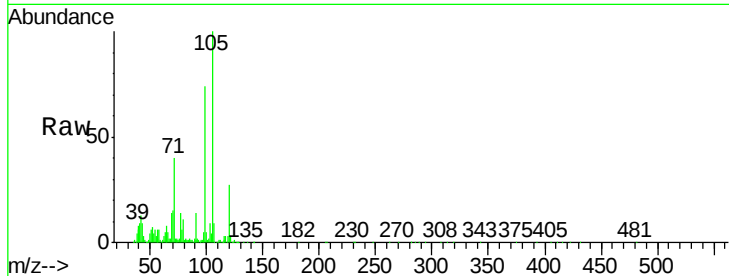
Tot Ion: 99 Resp: 485227

Ion Ratio Lower Upper

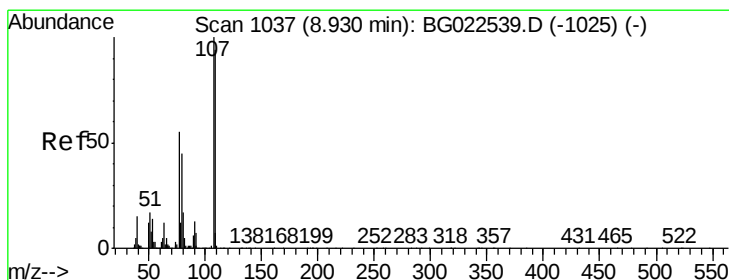
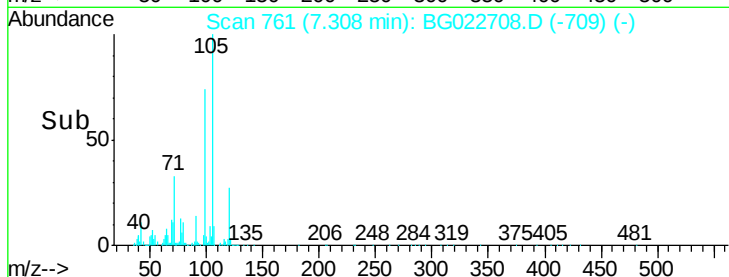
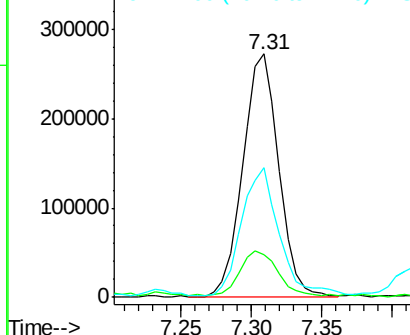
99 100

42 17.7 17.8 26.6#

71 53.2 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: 5.48 ng

RT: 8.92 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BG022708.D

Acq: 30 Jun 2016 00:39

Tgt Ion: 107 Resp: 78290

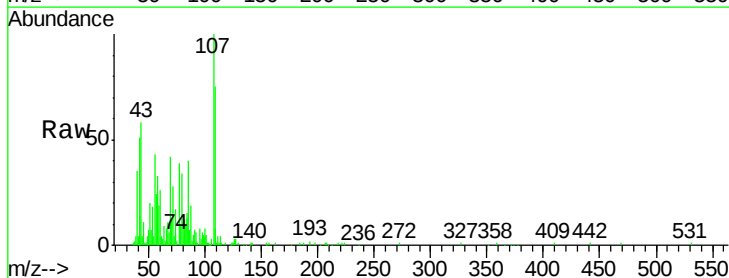
Ion Ratio Lower Upper

107 100

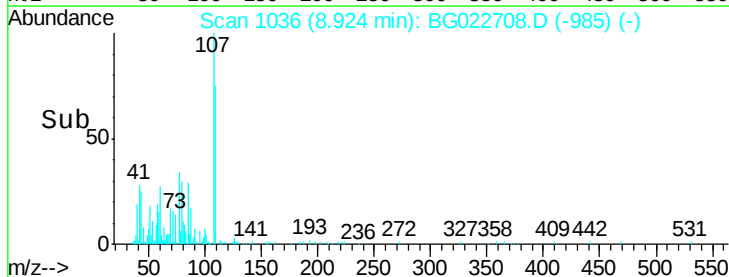
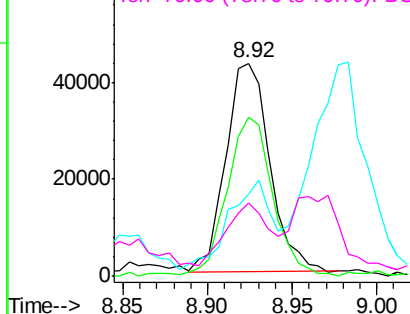
108 74.9 72.5 112.5

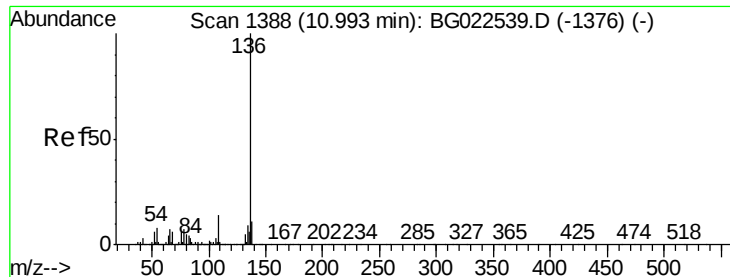
77 38.5 30.1 70.1

79 34.2 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

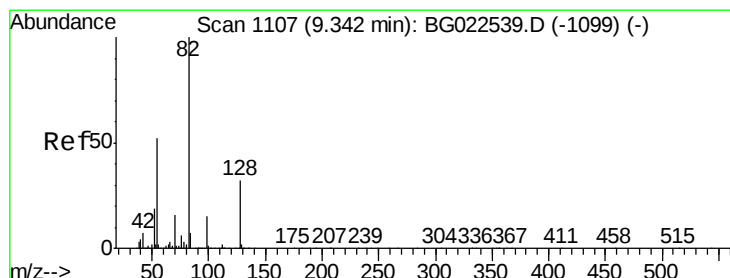
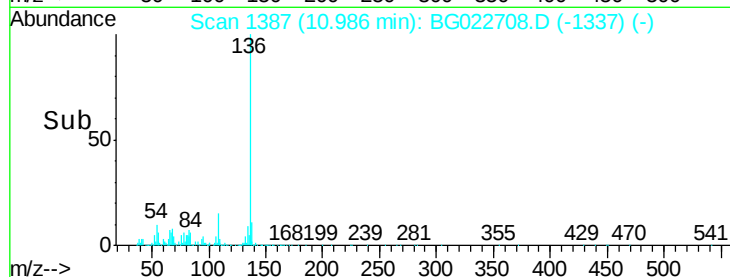
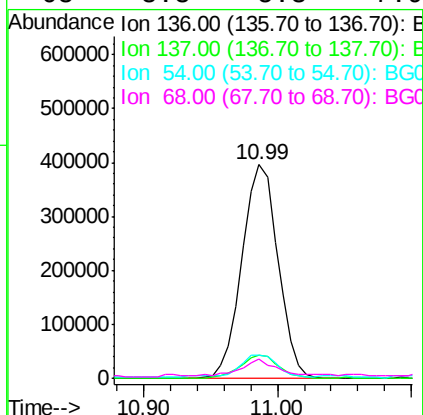
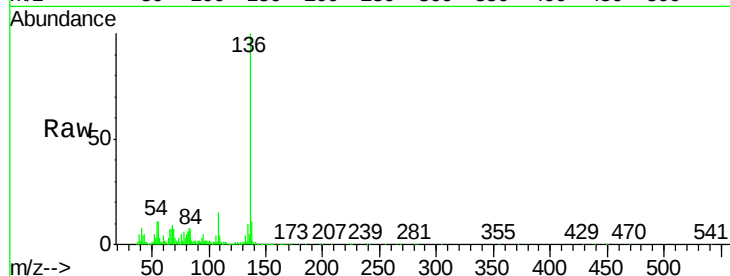




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022708.D
Acq: 30 Jun 2016 00:39

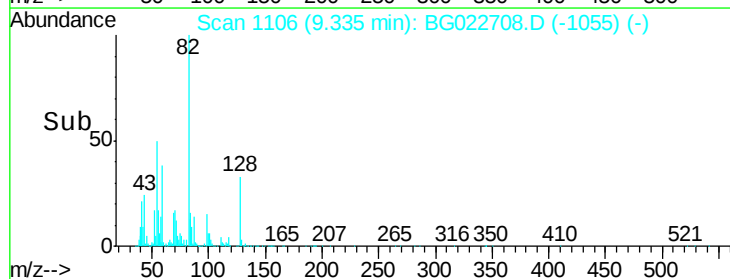
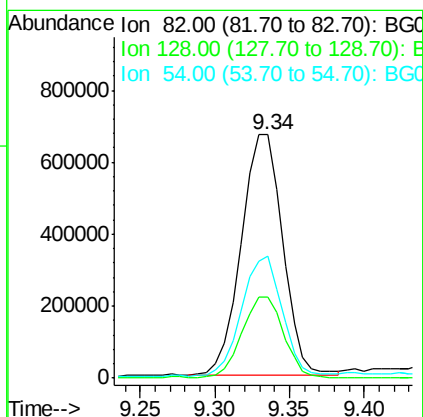
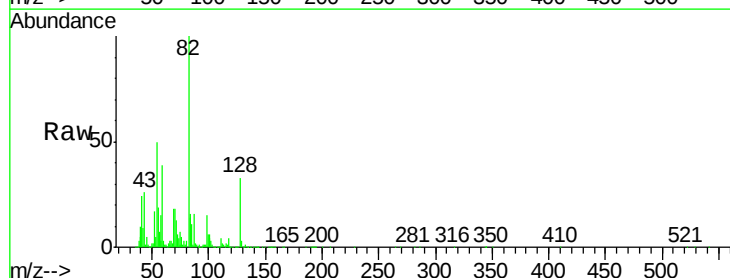
Instrument :
BNA_G
ClientSampleId :
S8-0582

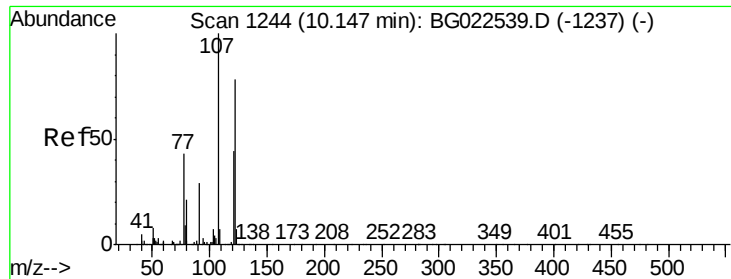
Tot Ion:136	Resp:	738483	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	9.6	14.4	
54 10.6	7.3	10.9	
68 8.8	5.3	7.9#	



#23
Nitrobenzene-d5
Concen: 73.83 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG022708.D
Acq: 30 Jun 2016 00:39

Tgt Ion: 82	Resp: 1288287
Ion Ratio	Lower Upper
82 100	
128 33.4	24.4 36.6
54 50.2	41.4 62.0

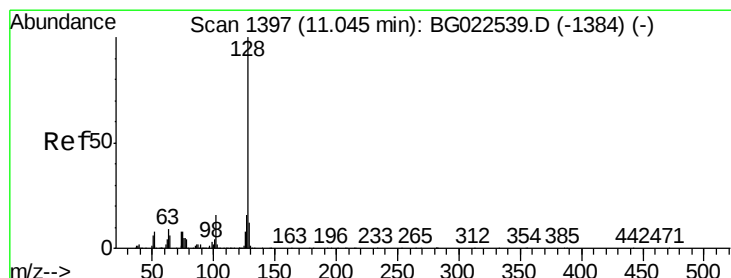
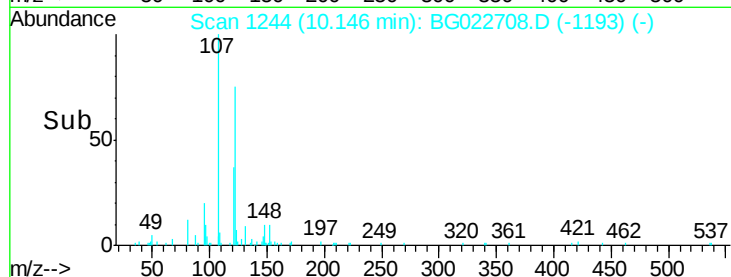
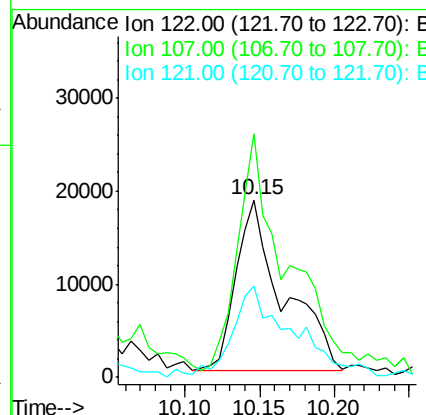
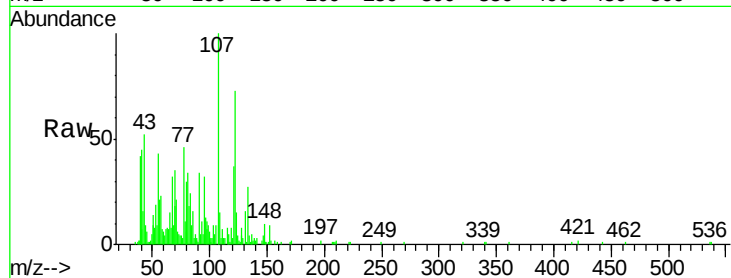




#27
2,4-Dimethylphenol
Concen: 3.06 ng
RT: 10.15 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BG022708.D
Acq: 30 Jun 2016 00:39

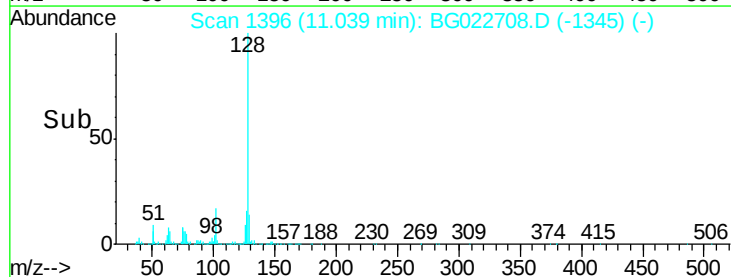
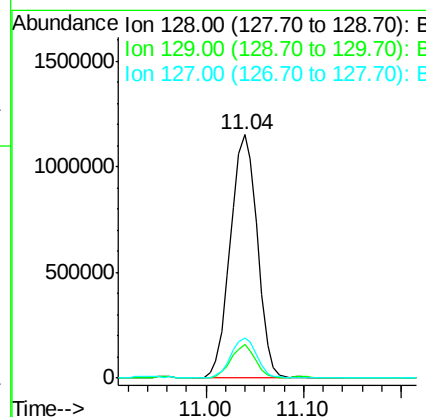
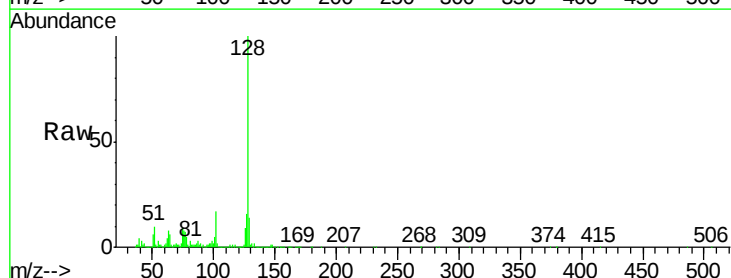
Instrument :
BNA_G
ClientSampled :
S8-0582

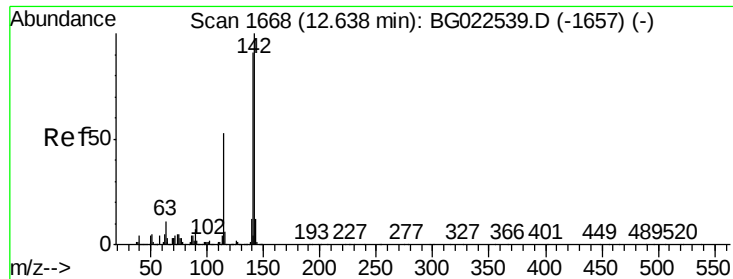
Tot Ion:122 Resp: 40634
Ion Ratio Lower Upper
122 100
107 137.5 117.0 175.4
121 51.5 50.1 75.1



#31
Naphthalene
Concen: 59.27 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG022708.D
Acq: 30 Jun 2016 00:39

Tgt Ion:128 Resp: 2200138
Ion Ratio Lower Upper
128 100
129 13.6 9.4 14.0
127 16.2 11.3 16.9

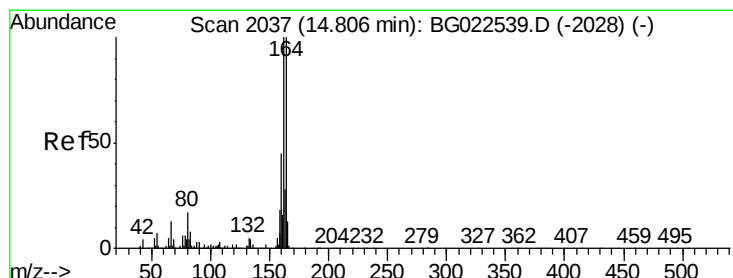
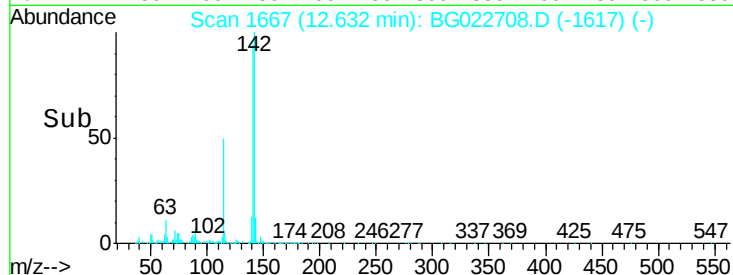
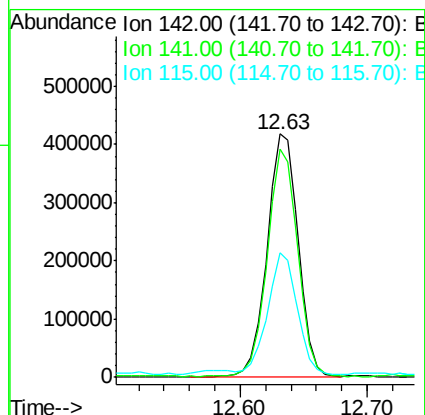
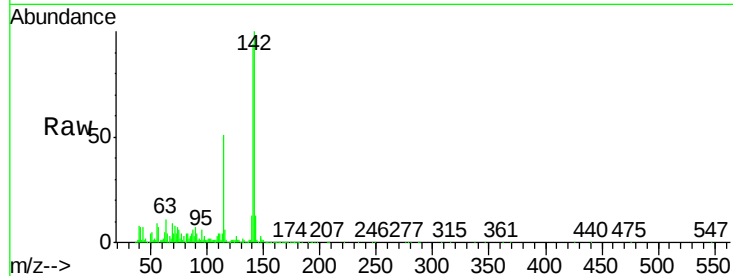




#37
2-Methylnaphthalene
Concen: 24.68 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG022708.D
Acq: 30 Jun 2016 00:39

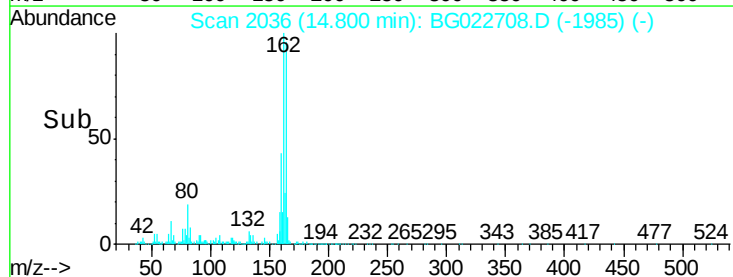
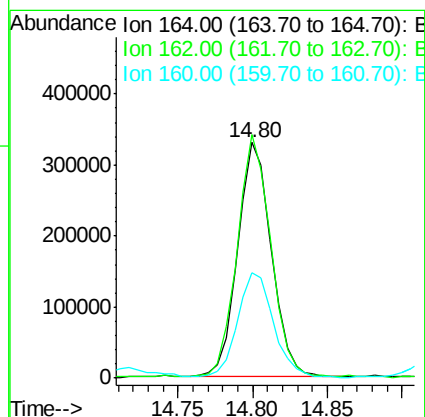
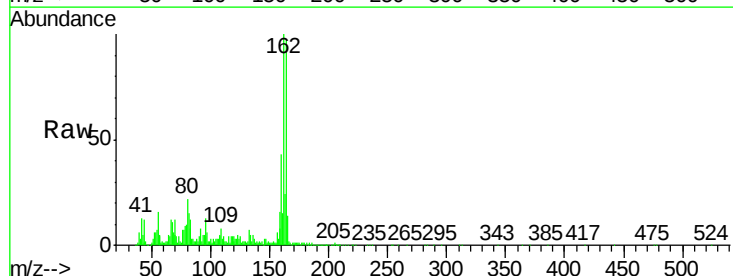
Instrument :
BNA_G
ClientSampled :
S8-0582

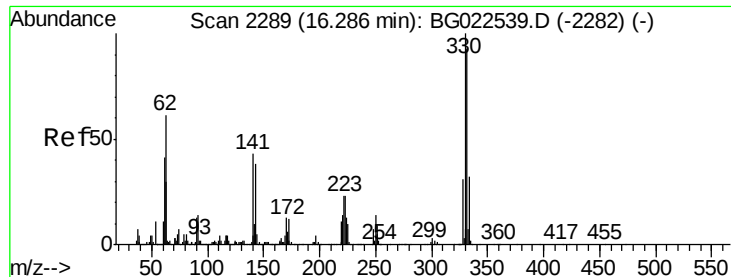
Tot Ion:142 Resp: 710545
Ion Ratio Lower Upper
142 100
141 93.8 70.2 105.2
115 50.9 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG022708.D
Acq: 30 Jun 2016 00:39

Tgt Ion:164 Resp: 519557
Ion Ratio Lower Upper
164 100
162 103.3 87.7 131.5
160 44.6 37.2 55.8

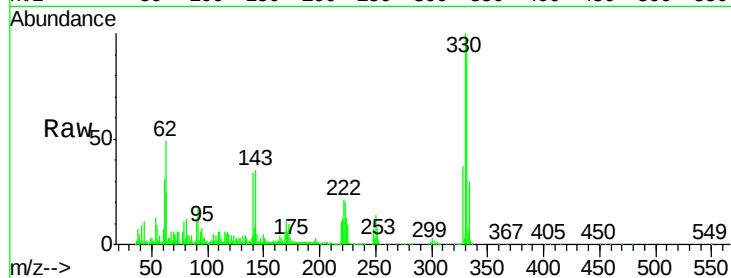




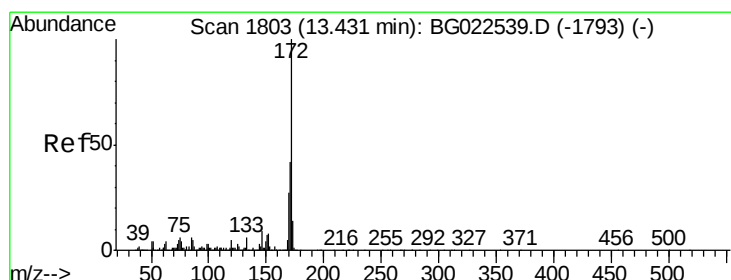
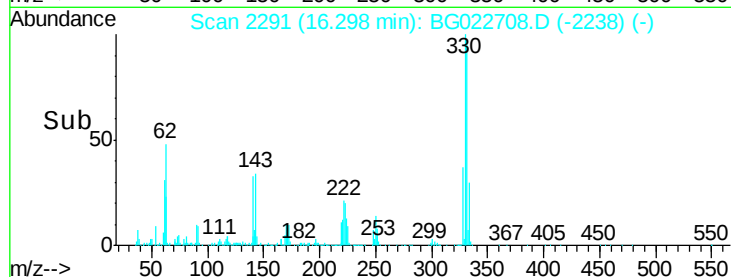
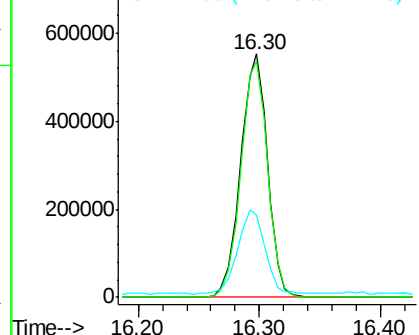
#41
 2,4,6-Tribromophenol
 Concen: 104.59 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.01 min
 Lab File: BG022708.D
 Acq: 30 Jun 2016 00:39

Instrument :
 BNA_G
 ClientSampleId :
 S8-0582

Tot Ion:330 Resp: 854699
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 35.1 31.7 47.5

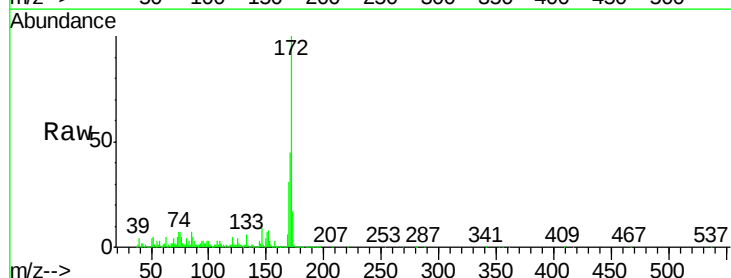


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

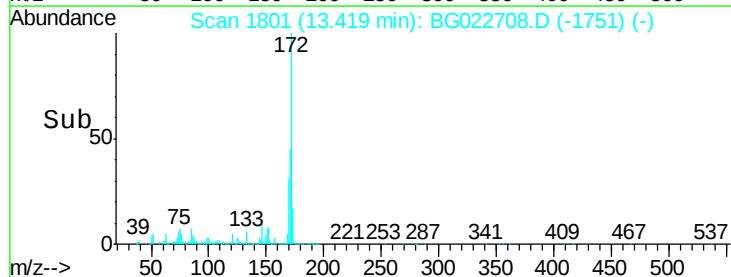
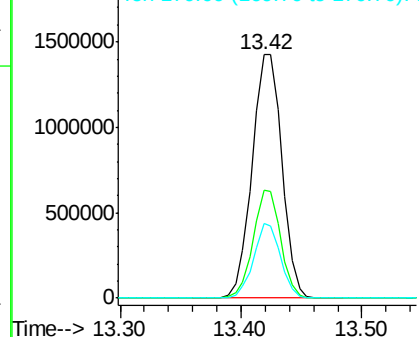


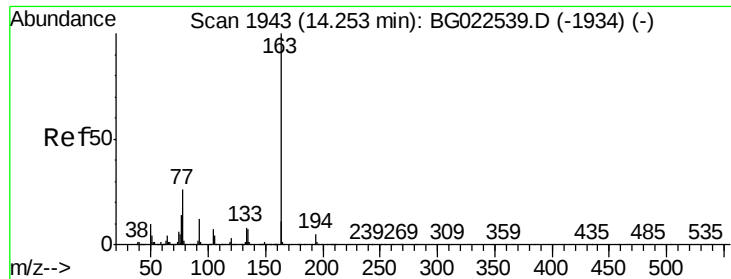
#44
 2-Fluorobiphenyl
 Concen: 74.66 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG022708.D
 Acq: 30 Jun 2016 00:39

Tgt Ion:172 Resp: 2445962
 Ion Ratio Lower Upper
 172 100
 171 44.5 31.6 47.4
 170 30.7 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: 2.05 ng

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG022708.D

Acq: 30 Jun 2016 00:39

Instrument :

BNA_G

ClientSampleId :

S8-0582

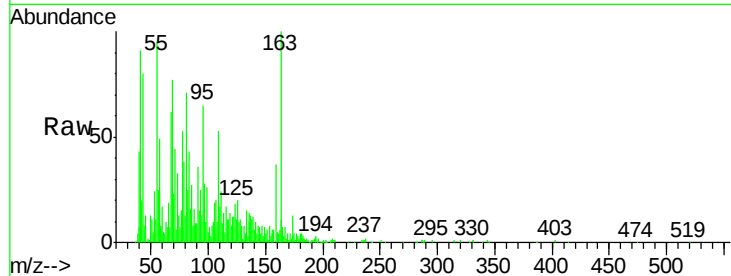
Tot Ion:163 Resp: 88313

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

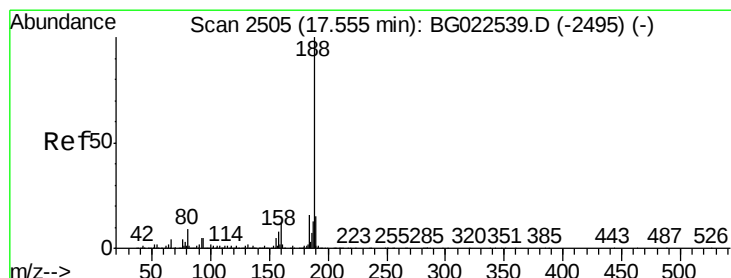
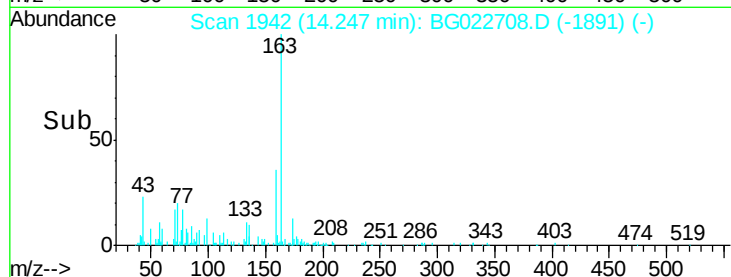
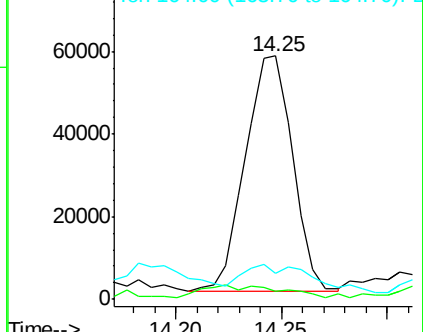
164 10.7 8.1 12.1



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. 0.00 min

Lab File: BG022708.D

Acq: 30 Jun 2016 00:39

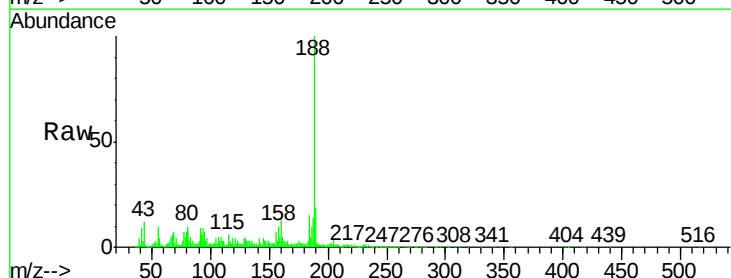
Tgt Ion:188 Resp: 1086809

Ion Ratio Lower Upper

188 100

94 9.4 5.2 7.8#

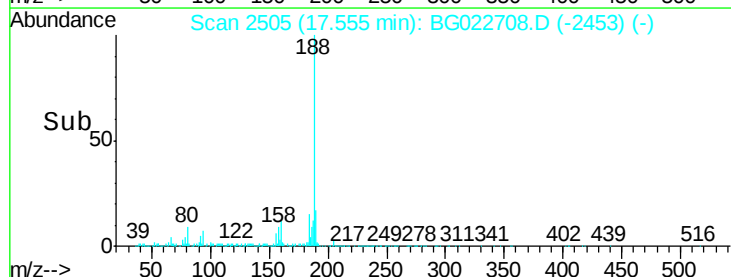
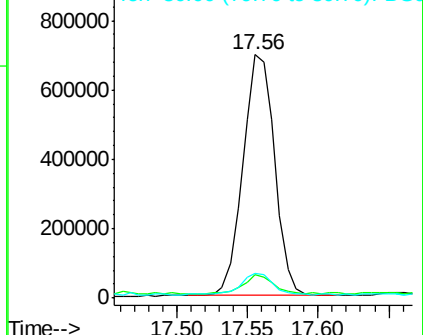
80 10.1 7.2 10.8

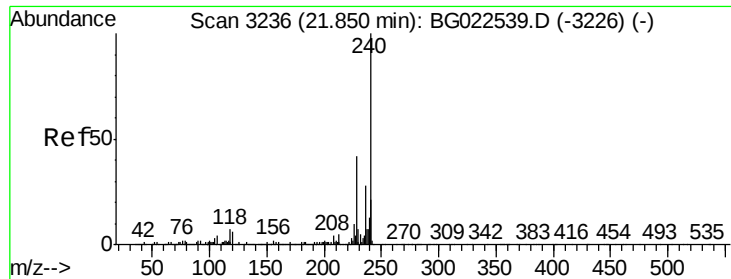


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

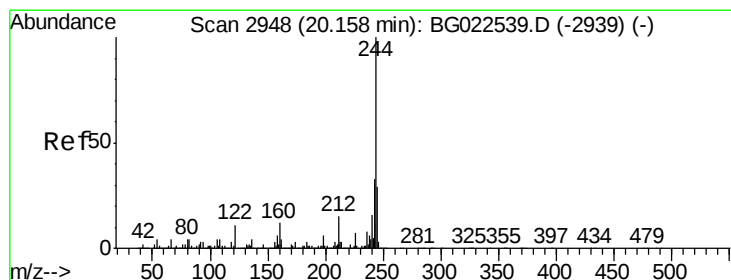
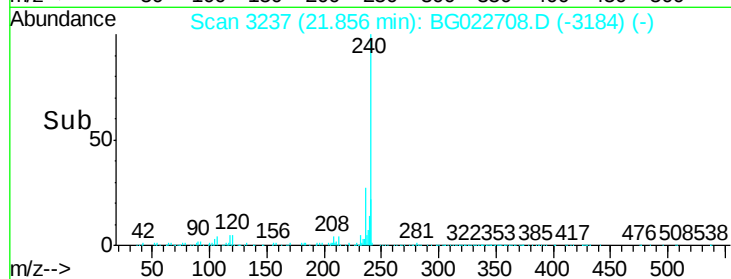
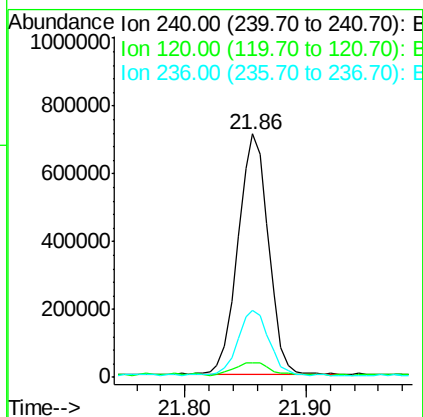
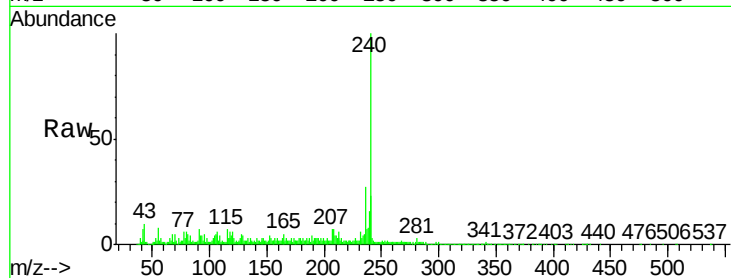




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3237
Delta R.T. 0.01 min
Lab File: BG022708.D
Acq: 30 Jun 2016 00:39

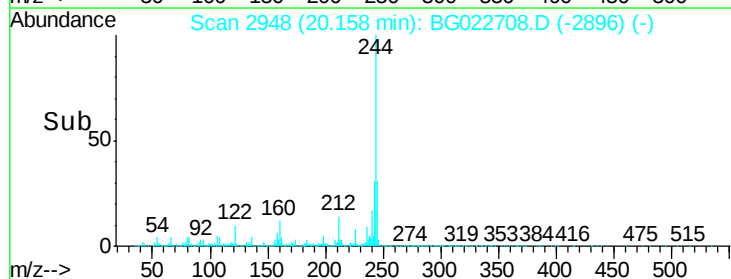
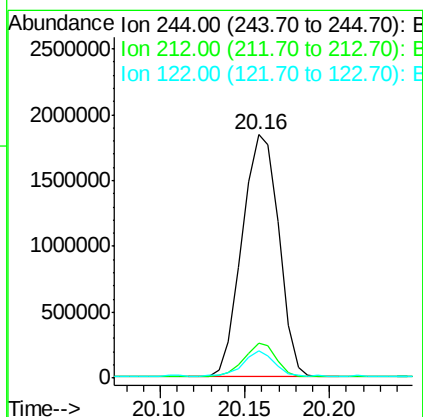
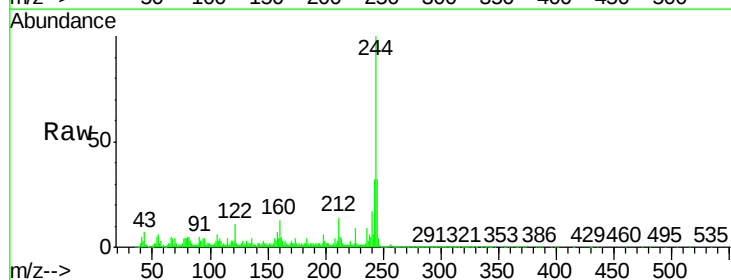
Instrument :
BNA_G
ClientSampleId :
S8-0582

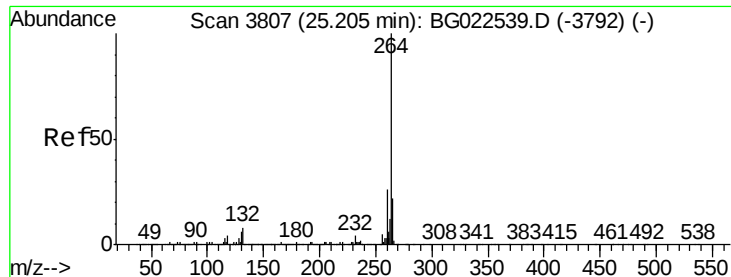
Tot Ion:240 Resp: 1250025
Ion Ratio Lower Upper
240 100
120 6.1 4.1 6.1#
236 27.4 21.1 31.7



#78
Terphenyl-d14
Concen: 59.06 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG022708.D
Acq: 30 Jun 2016 00:39

Tgt Ion:244 Resp: 2786414
Ion Ratio Lower Upper
244 100
212 14.3 10.8 16.2
122 11.1 8.0 12.0





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.23 min Scan# 3811
 Delta R.T. 0.02 min
 Lab File: BG022708.D
 Acq: 30 Jun 2016 00:39

Instrument :
 BNA_G
 ClientSampleId :
 S8-0582

Tot Ion:264 Resp: 1235278
 Ion Ratio Lower Upper
 264 100
 260 25.5 18.4 27.6
 265 24.2 18.9 28.3

