

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022608.D
 Acq On : 26 Jun 2016 13:25
 Operator : UM/SJ
 Sample : H3761-06
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-9B-9-11

Quant Time: Jun 27 01:10:18 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

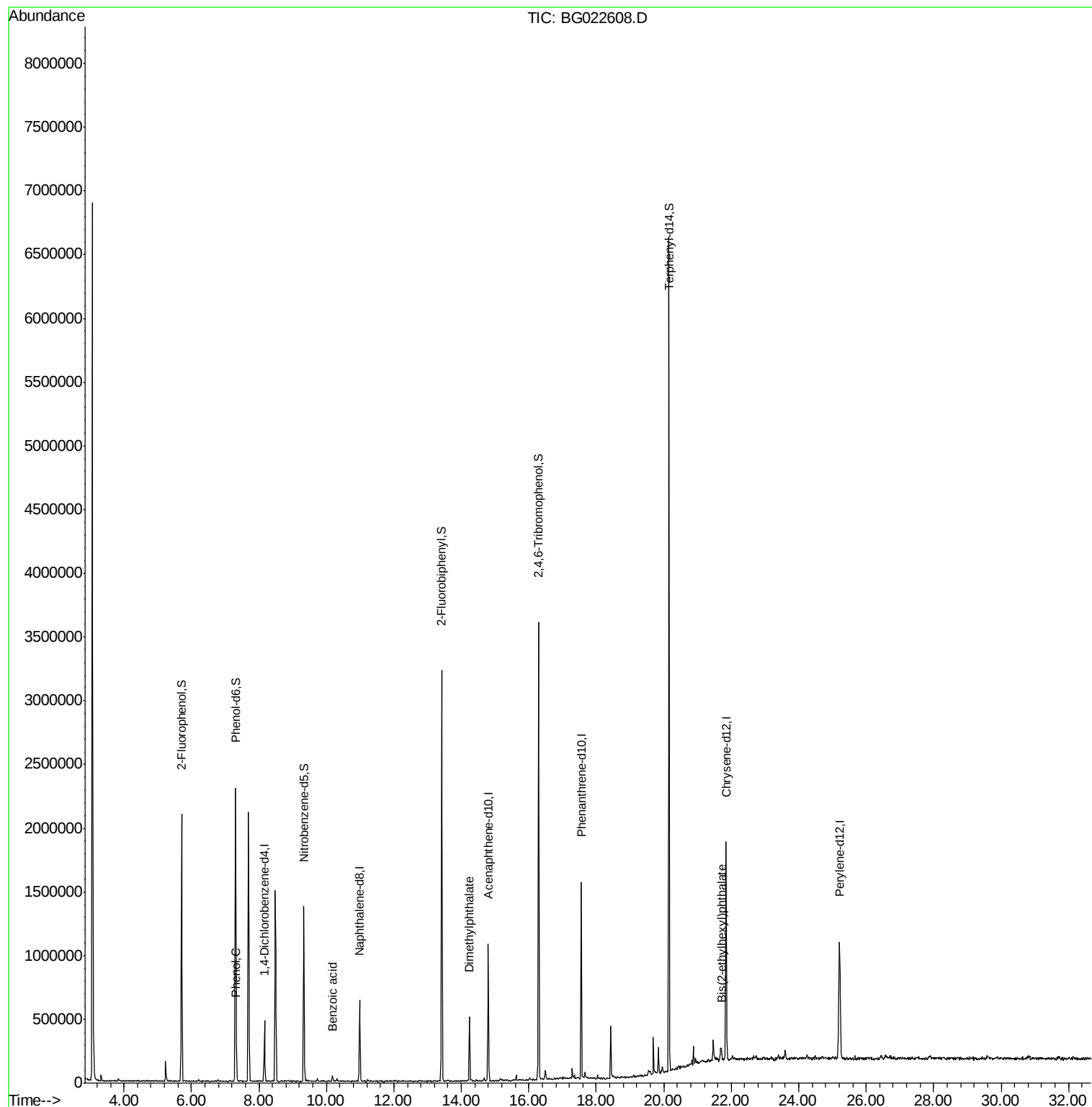
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	121327	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	500114	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	346082	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	938433	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1044266	20.00	ng	0.00
86) Perylene-d12	25.21	264	1083874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	824853	109.05	ng	0.00
7) Phenol-d6	7.31	99	1265083	118.65	ng	0.00
23) Nitrobenzene-d5	9.33	82	869112	73.55	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	667927	122.70	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1598962	73.27	ng	0.00
78) Terphenyl-d14	20.16	244	2433733	61.75	ng	0.00
Target Compounds						
10) Phenol	7.34	94	25596	2.27	ng	Qvalue 86
32) Benzoic acid	10.18	122	14470	7.31	ng	# 65
49) Dimethylphthalate	14.24	163	309116	10.77	ng	96
83) Bis(2-ethylhexyl)phthalate	21.71	149	97162	2.87	ng	# 94

(#) = 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: BG022608.D

Acq: 26 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

LOCATION-9B-9-11

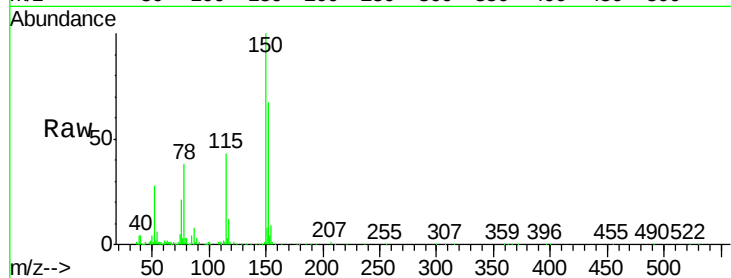
Tgt Ion:152 Resp: 121327

Ion Ratio Lower Upper

152 100

150 148.4 144.7 217.1

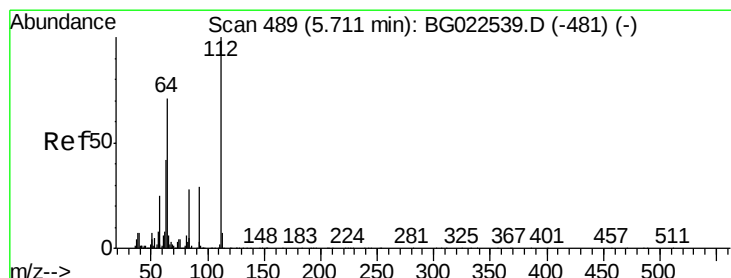
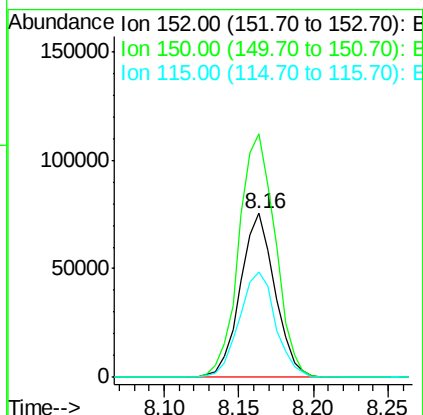
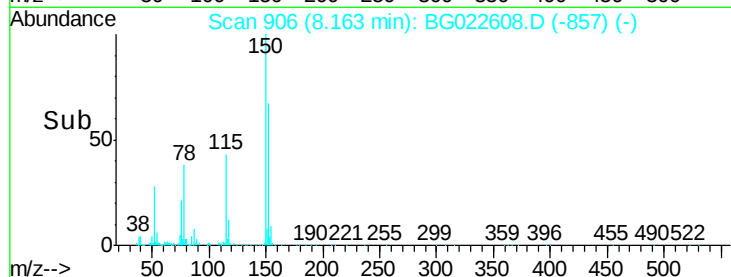
115 64.0 64.0 96.0#



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: 109.05 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022608.D

Acq: 26 Jun 2016 13:25

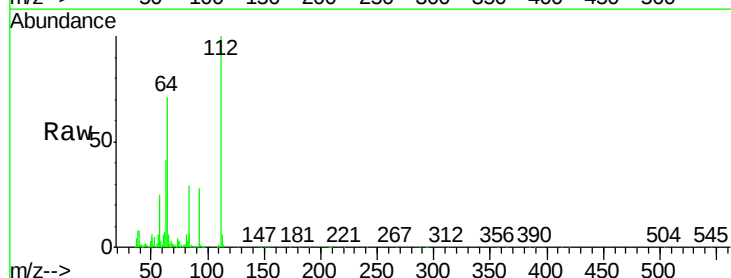
Tgt Ion:112 Resp: 824853

Ion Ratio Lower Upper

112 100

64 70.6 59.0 88.4

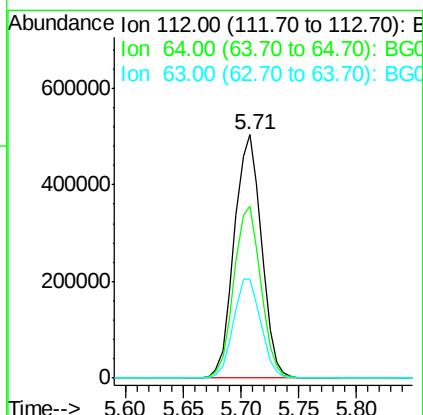
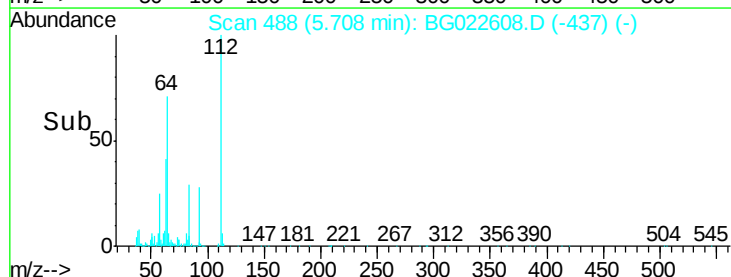
63 40.9 37.8 56.8



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: 118.65 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022608.D

Acq: 26 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

LOCATION-9B-9-11

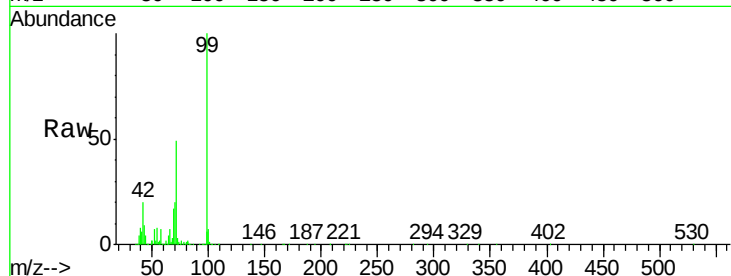
Tgt Ion: 99 Resp: 1265083

Ion Ratio Lower Upper

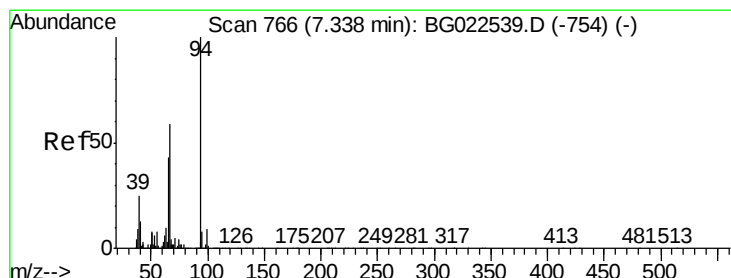
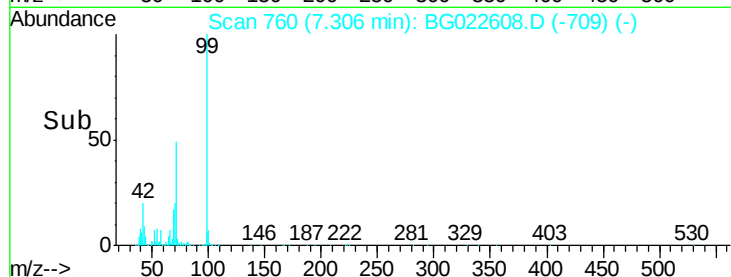
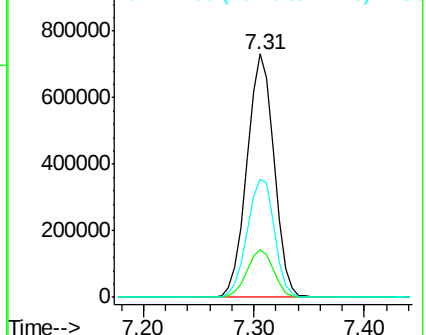
99 100

42 19.8 17.8 26.6

71 48.7 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



#10

Phenol

Concen: 2.27 ng

RT: 7.34 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022608.D

Acq: 26 Jun 2016 13:25

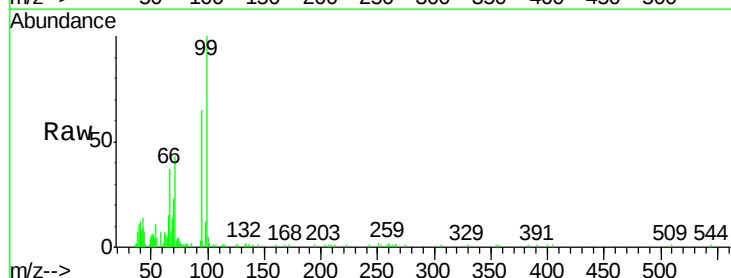
Tgt Ion: 94 Resp: 25596

Ion Ratio Lower Upper

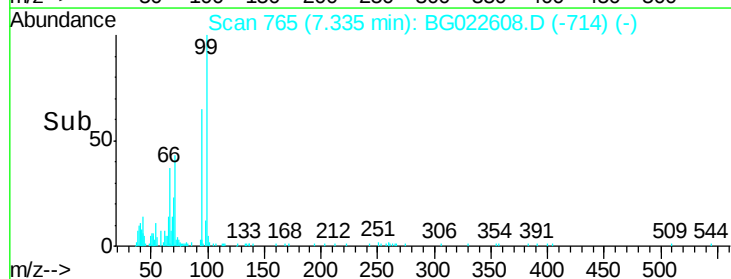
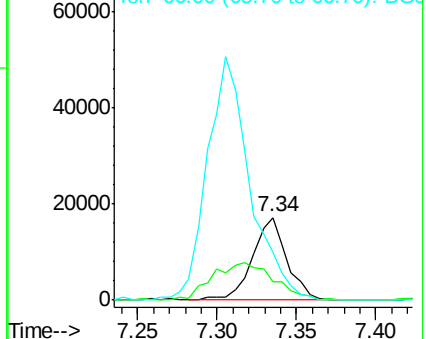
94 100

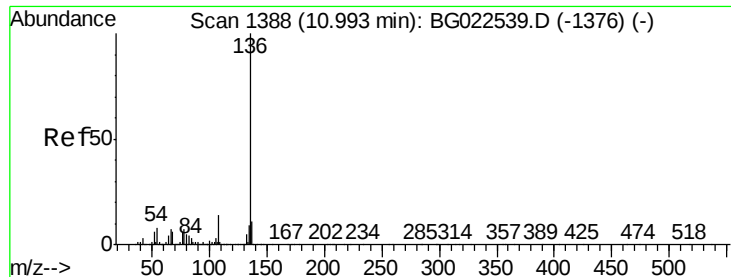
65 22.8 18.1 58.1

66 57.0 42.1 82.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

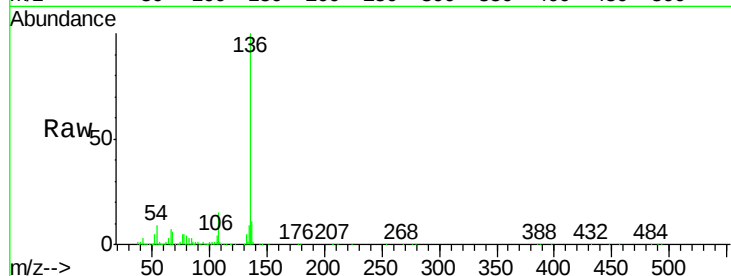




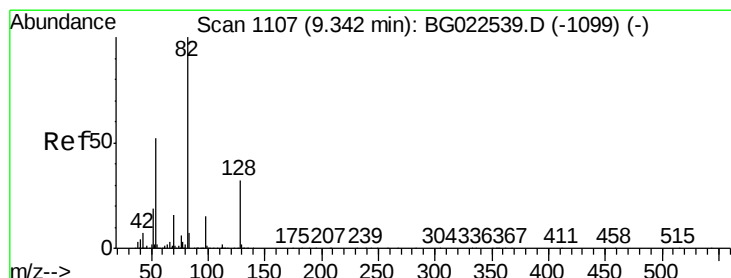
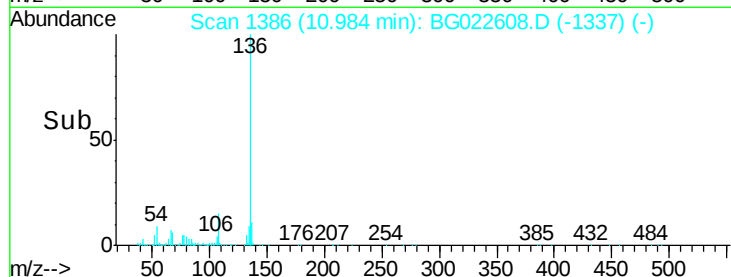
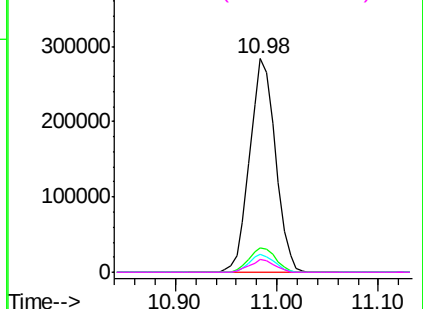
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG022608.D
Acq: 26 Jun 2016 13:25

Instrument :
BNA_G
ClientSampleId :
LOCATION-9B-9-11

Tgt Ion:	136	Resp:	500114
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	8.7	7.3	10.9
68	5.7	5.3	7.9

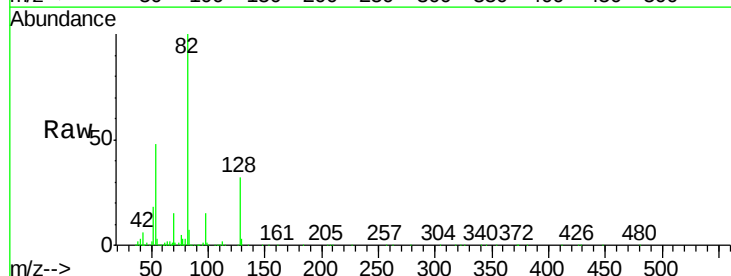


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

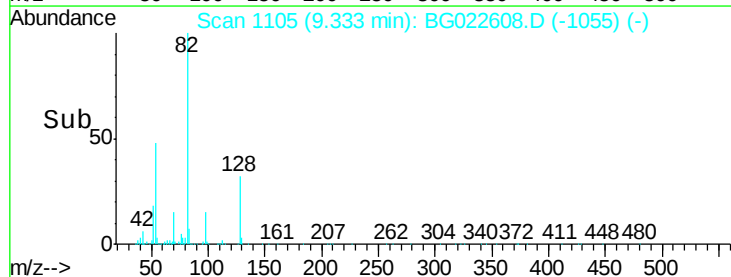
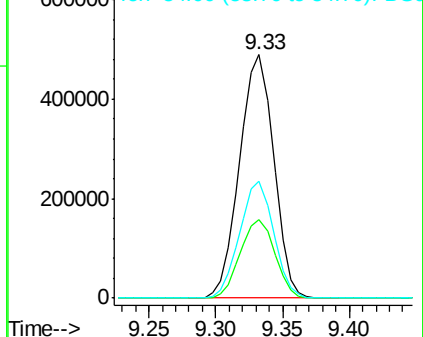


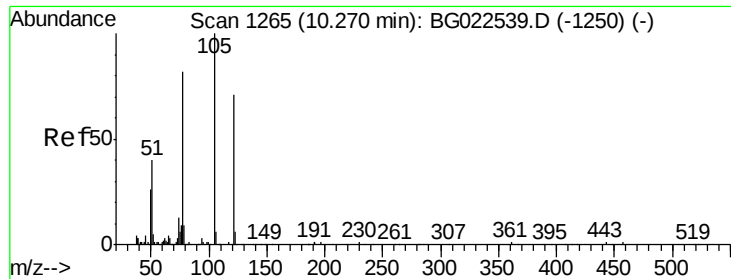
#23
Nitrobenzene-d5
Concen: 73.55 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG022608.D
Acq: 26 Jun 2016 13:25

Tgt Ion:	82	Resp:	869112
Ion	Ratio	Lower	Upper
82	100		
128	32.0	24.4	36.6
54	48.0	41.4	62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 7.31 ng

RT: 10.18 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BG022608.D

Acq: 26 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

LOCATION-9B-9-11

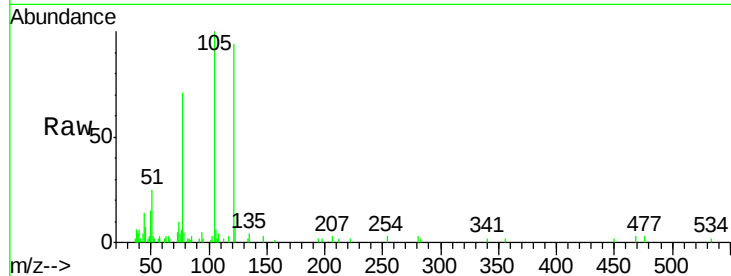
Tgt Ion:122 Resp: 14470

Ion Ratio Lower Upper

122 100

105 106.3 117.2 157.2#

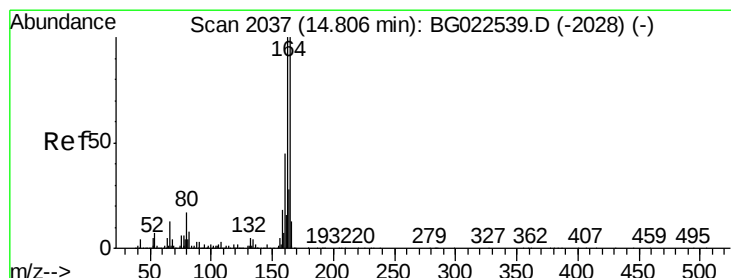
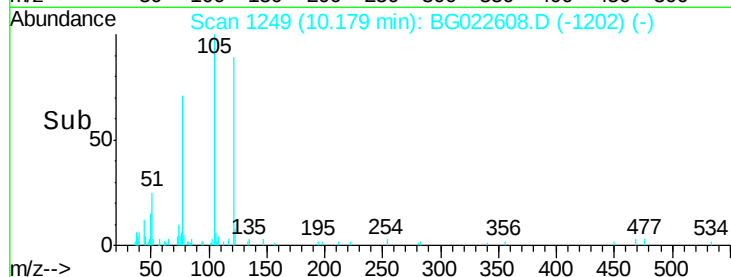
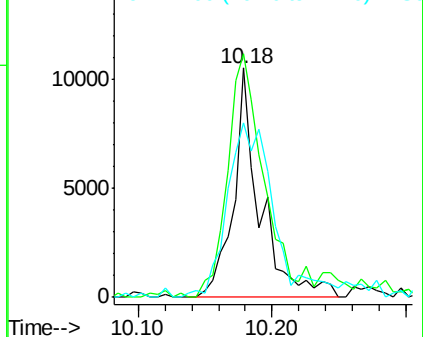
77 75.9 109.2 149.2#



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): B



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022608.D

Acq: 26 Jun 2016 13:25

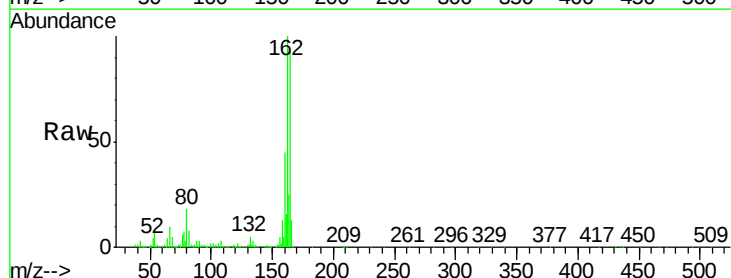
Tgt Ion:164 Resp: 346082

Ion Ratio Lower Upper

164 100

162 107.4 87.7 131.5

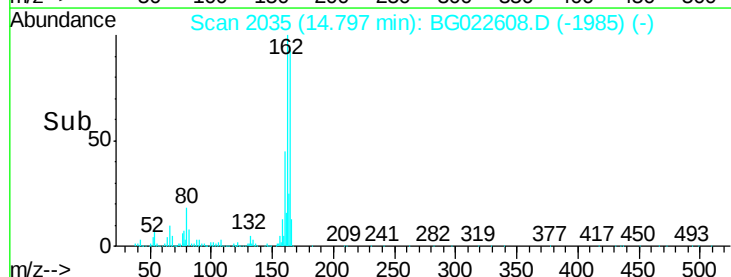
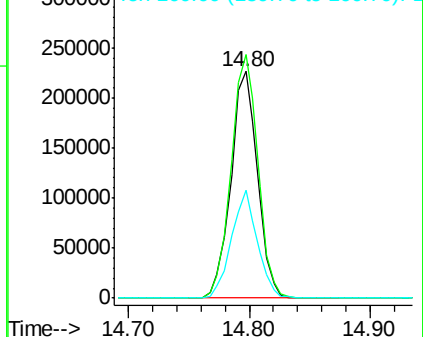
160 47.8 37.2 55.8

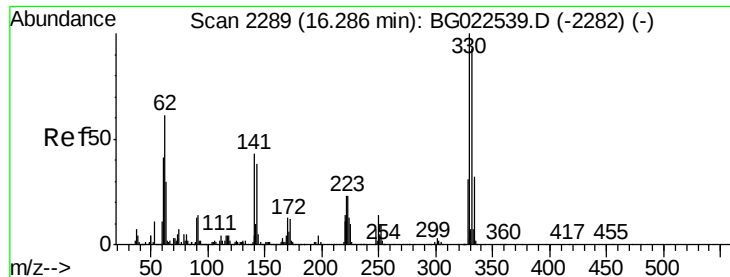


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

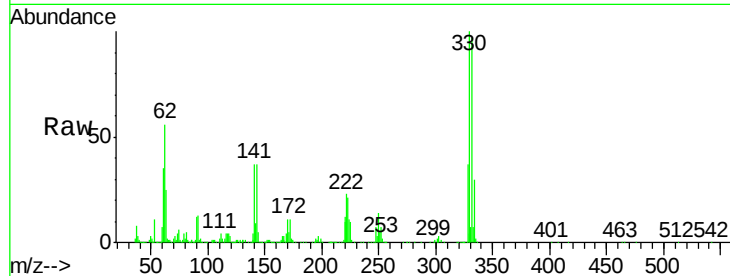




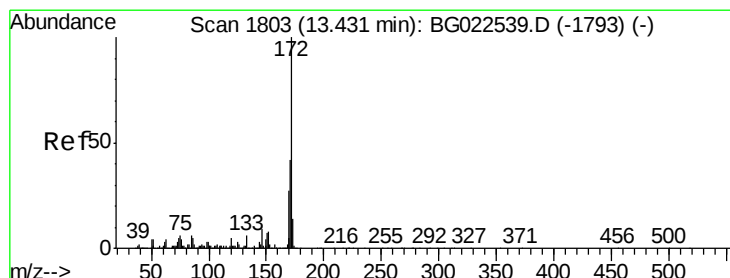
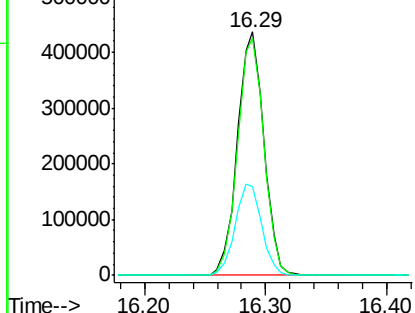
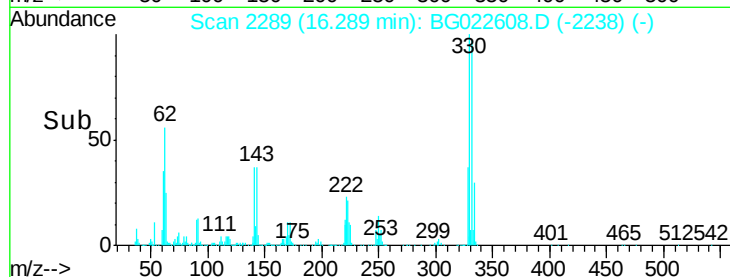
#41
 2,4,6-Tribromophenol
 Concen: 122.70 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG022608.D
 Acq: 26 Jun 2016 13:25

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-9B-9-11

Tgt Ion:330 Resp: 667927
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 37.6 31.7 47.5

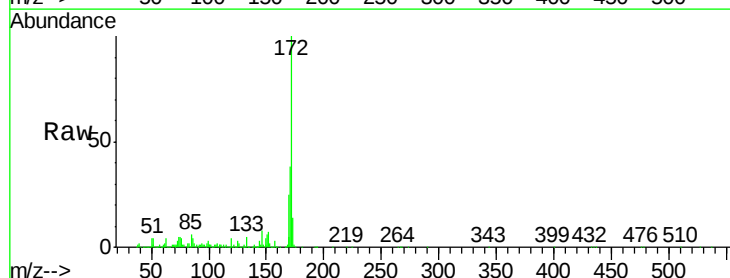


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

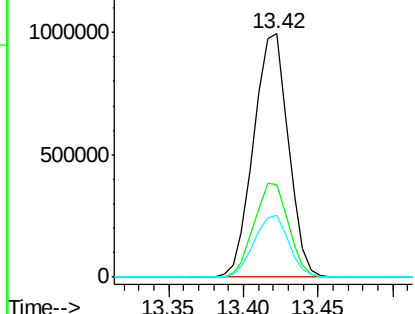
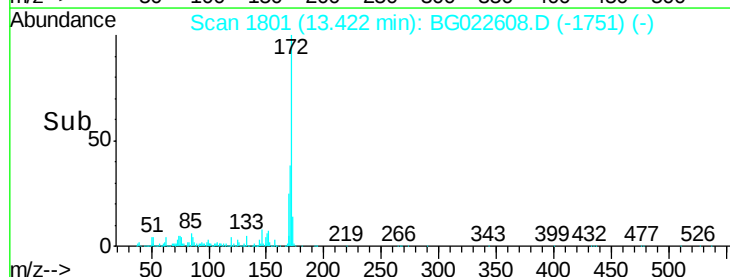


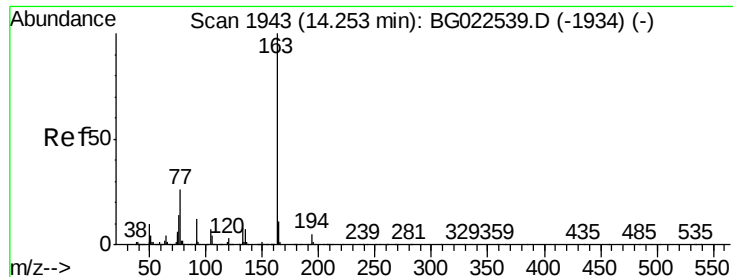
#44
 2-Fluorobiphenyl
 Concen: 73.27 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG022608.D
 Acq: 26 Jun 2016 13:25

Tgt Ion:172 Resp: 1598962
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.6 47.4
 170 25.4 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: 10.77 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022608.D

Acq: 26 Jun 2016 13:25

Instrument :

BNA_G

ClientSampleId :

LOCATION-9B-9-11

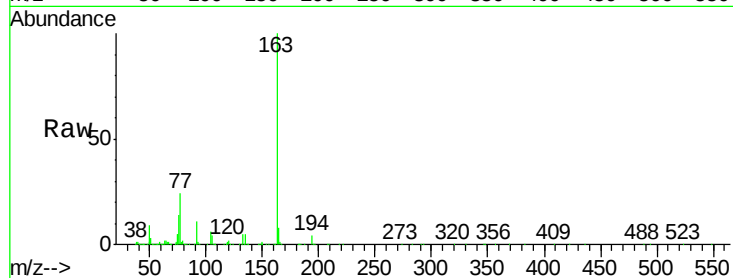
Tgt Ion:163 Resp: 309116

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

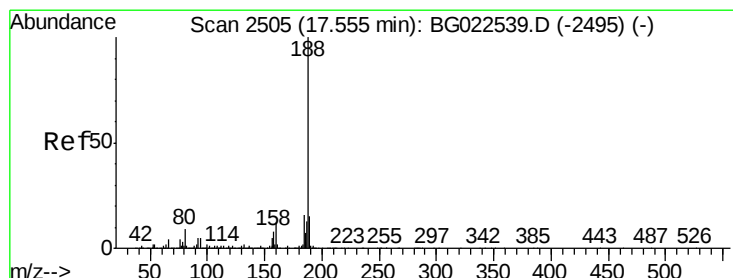
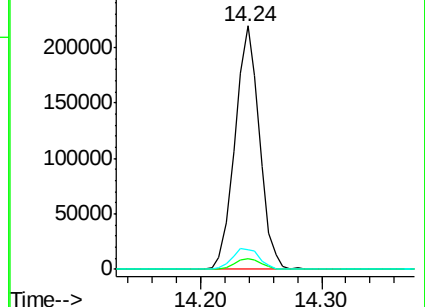
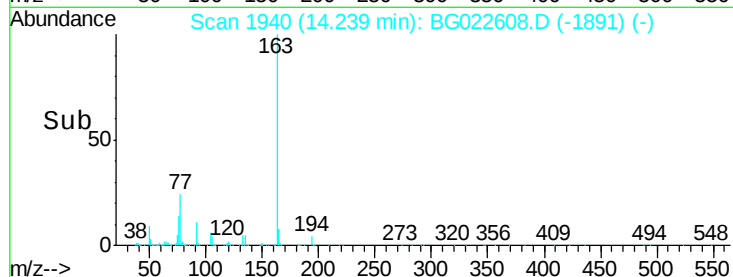
164 8.3 8.1 12.1



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: 17.55 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG022608.D

Acq: 26 Jun 2016 13:25

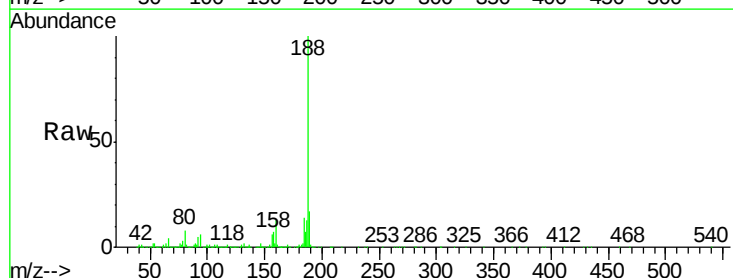
Tgt Ion:188 Resp: 938433

Ion Ratio Lower Upper

188 100

94 6.3 5.2 7.8

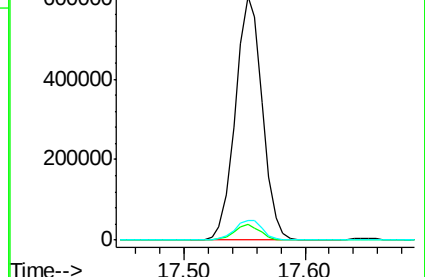
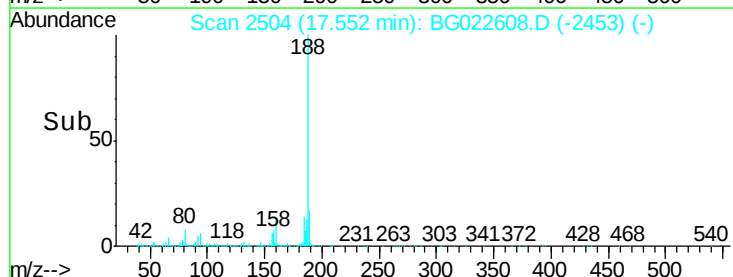
80 7.8 7.2 10.8

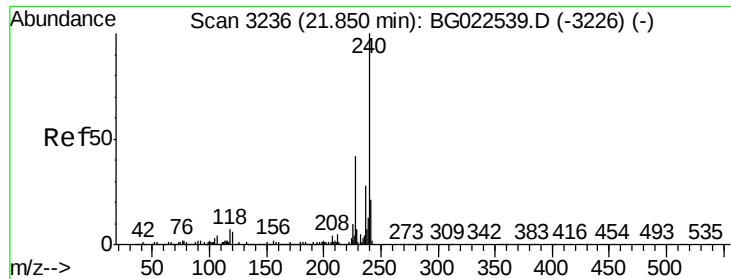


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3235

Delta R.T. 0.00 min

Lab File: BG022608.D

Acq: 26 Jun 2016 13:25

Instrument :

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LOCATION-9B-9-11

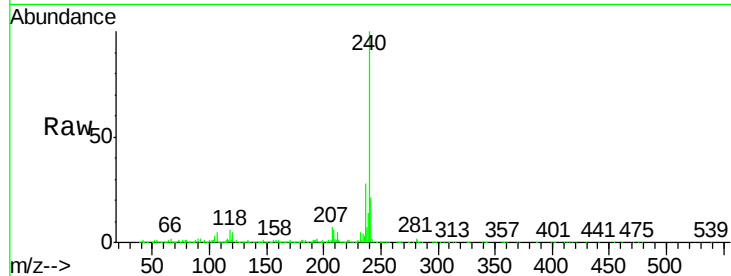
Tgt Ion:240 Resp: 1044266

Ion Ratio Lower Upper

240 100

120 5.4 4.1 6.1

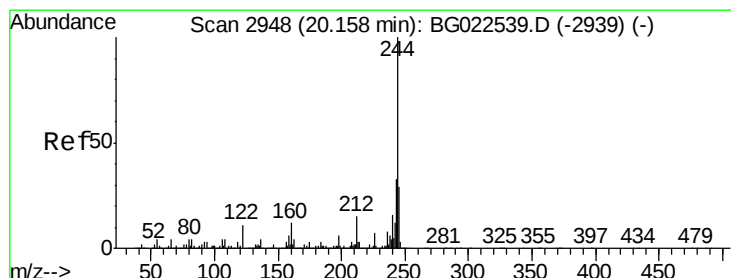
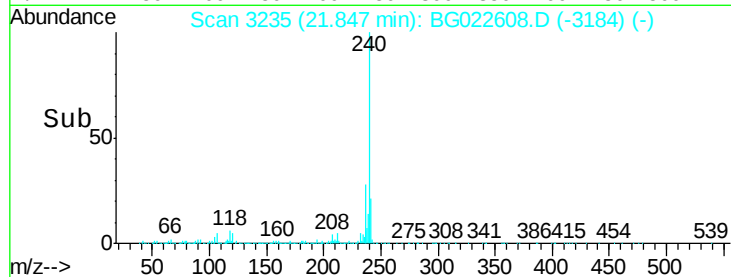
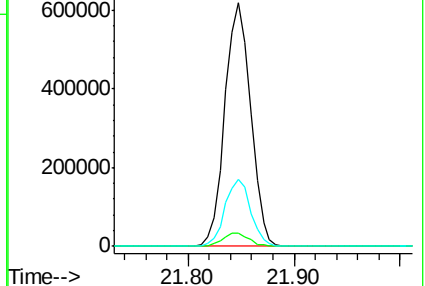
236 27.6 21.1 31.7



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: 61.75 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022608.D

Acq: 26 Jun 2016 13:25

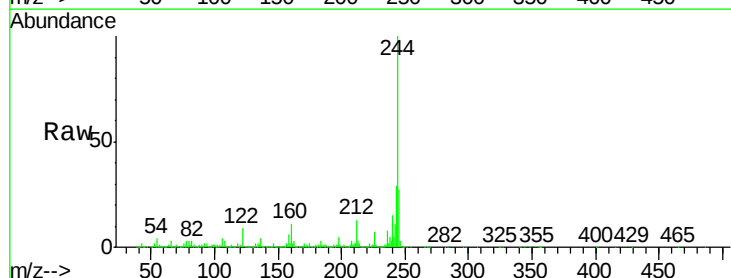
Tgt Ion:244 Resp: 2433733

Ion Ratio Lower Upper

244 100

212 12.5 10.8 16.2

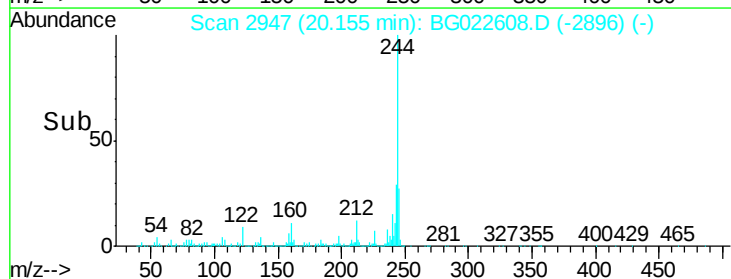
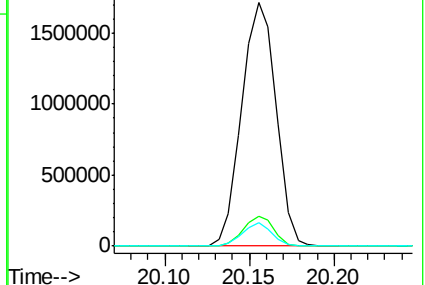
122 9.4 8.0 12.0

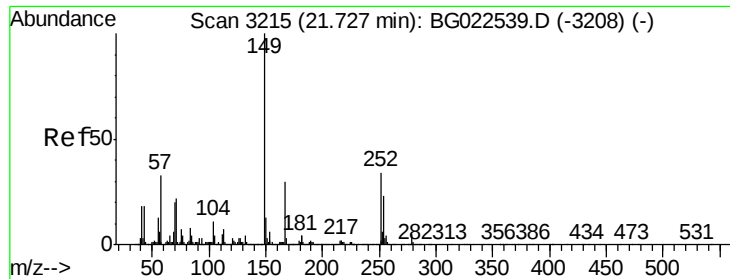


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

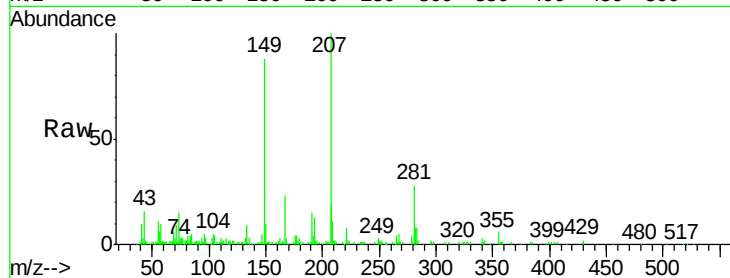




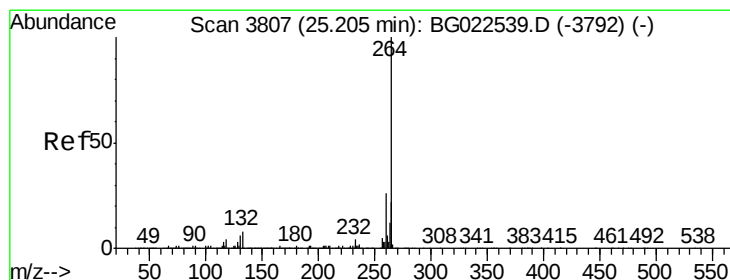
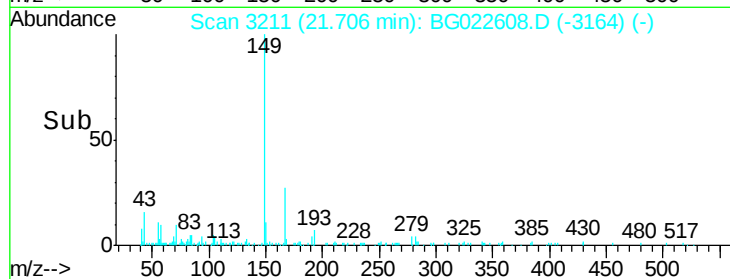
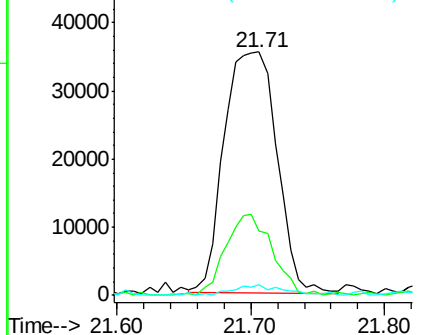
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.87 ng
 RT: 21.71 min Scan# 3211
 Delta R.T. -0.02 min
 Lab File: BG022608.D
 Acq: 26 Jun 2016 13:25

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-9B-9-11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	24.0	36.0
279	4.1	4.8	7.2#

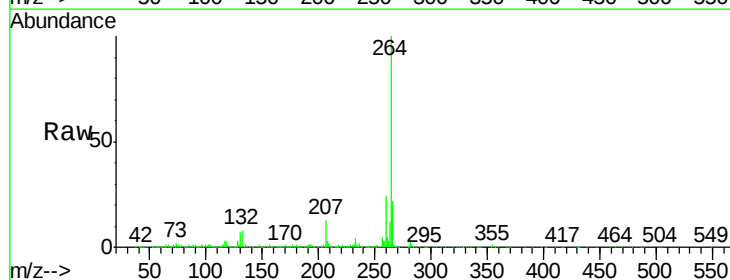


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.21 min Scan# 3807
 Delta R.T. 0.00 min
 Lab File: BG022608.D
 Acq: 26 Jun 2016 13:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	21.7	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

