

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072916\
 Data File : BG023330.D
 Acq On : 29 Jul 2016 7:44
 Operator : UM/SJ
 Sample : H4213-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 L-4

Quant Time: Jul 29 08:19:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

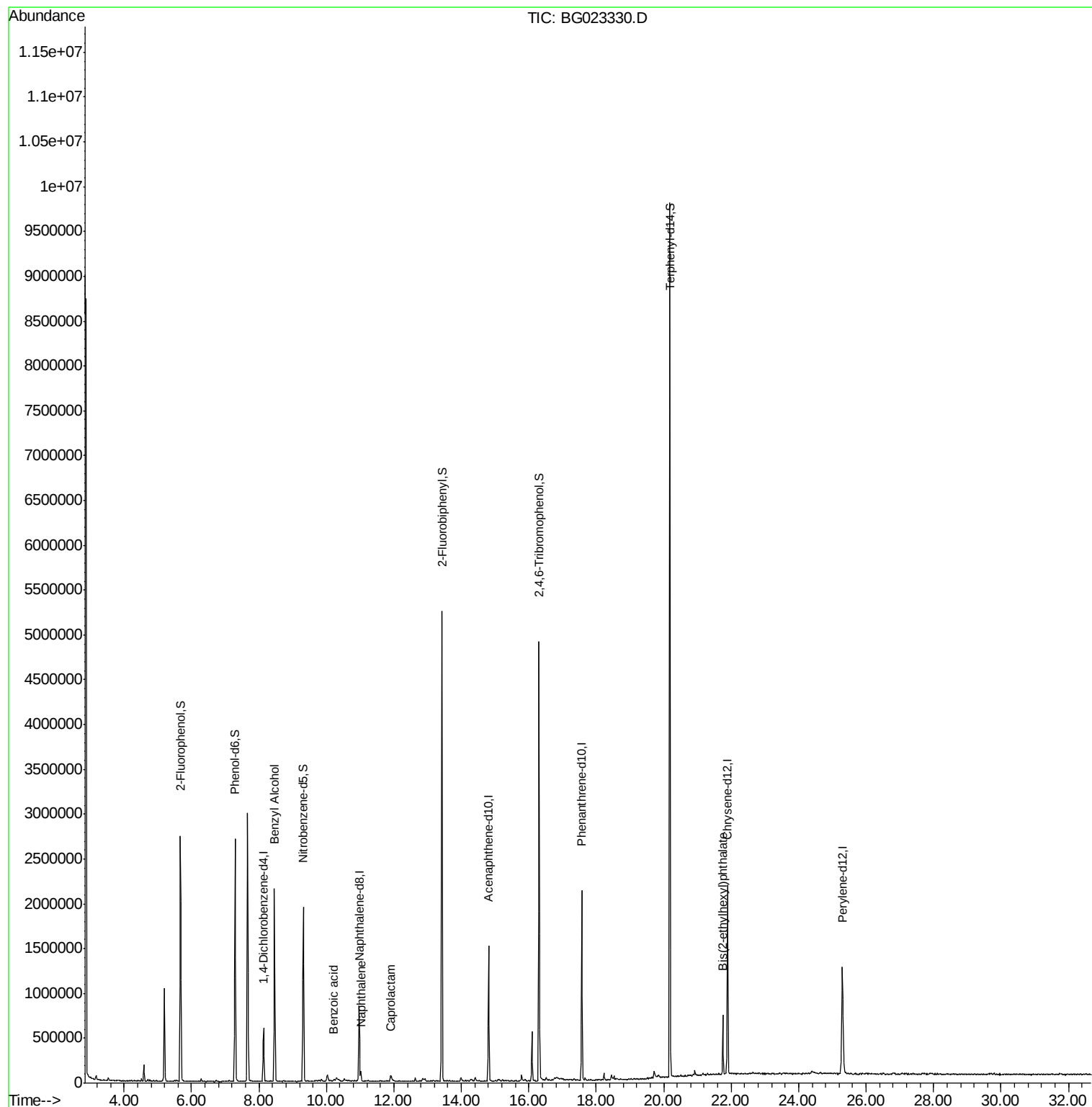
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	168321	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	735280	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	520458	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1243405	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1269449	20.00	ng	0.00
86) Perylene-d12	25.30	264	1289436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	1193899	121.09	ng	0.00
7) Phenol-d6	7.29	99	1691573	111.75	ng	0.00
23) Nitrobenzene-d5	9.31	82	1260426	83.83	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	888187	164.88	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2552733	91.80	ng	0.00
78) Terphenyl-d14	20.18	244	3267809	83.68	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.46	79	22105	2.17	ng	Qvalue # 67
31) Naphthalene	11.02	128	94316	2.76	ng	97
32) Benzoic acid	10.22	122	6218	8.68	ng	87
35) Caprolactam	11.91	113	16624	3.63	ng	# 88
83) Bis(2-ethylhexyl)phthalate	21.75	149	271834	6.13	ng	# 94

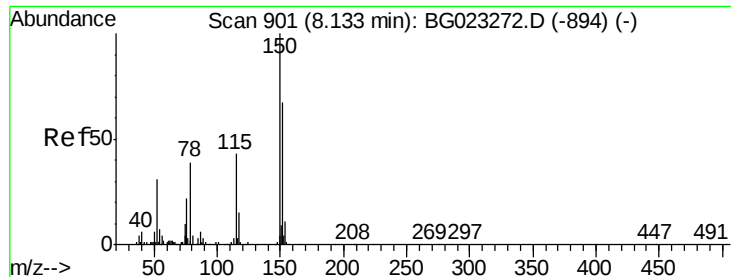
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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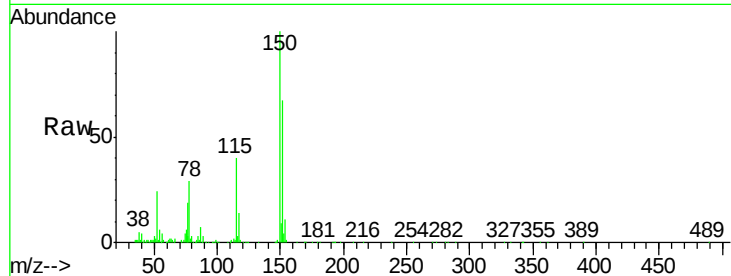


#1

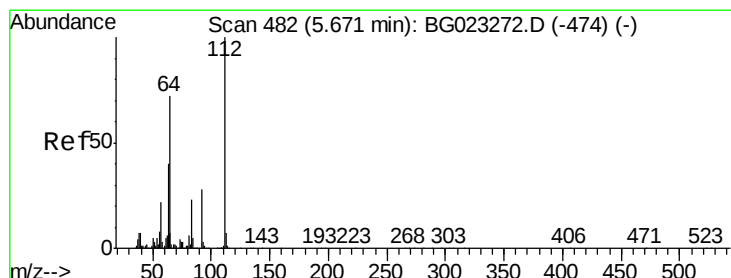
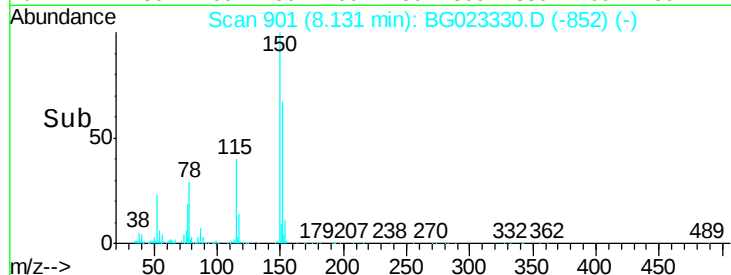
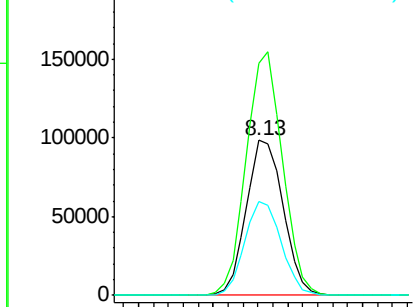
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG023330.D
Acq: 29 Jul 2016 7:44

Instrument :
BNA_G
ClientSampleId :
L-4

Tgt Ion:152 Resp: 168321
Ion Ratio Lower Upper
152 100
150 150.1 144.7 217.1
115 60.4 64.0 96.0#



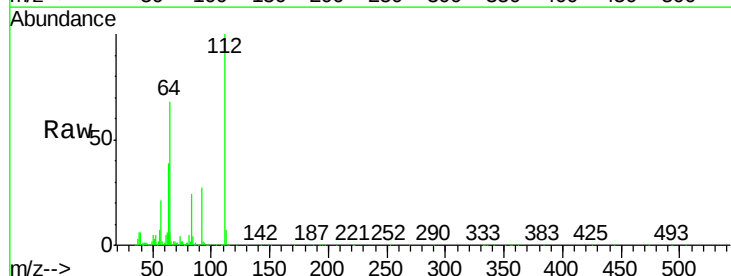
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



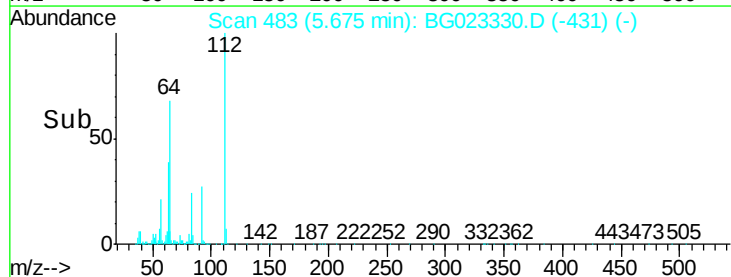
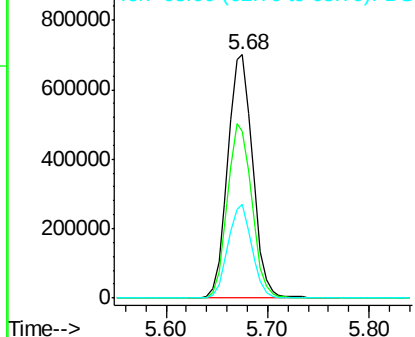
#5

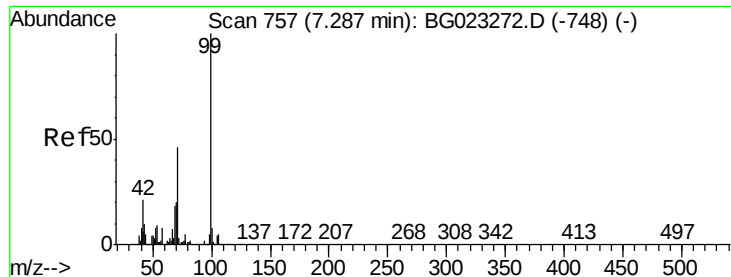
2-Fluorophenol
Concen: 121.09 ng
RT: 5.68 min Scan# 483
Delta R.T. 0.00 min
Lab File: BG023330.D
Acq: 29 Jul 2016 7:44

Tgt Ion:112 Resp: 1193899
Ion Ratio Lower Upper
112 100
64 68.4 59.0 88.4
63 38.7 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: 111.75 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023330.D

Acq: 29 Jul 2016 7:44

Instrument :

BNA_G

ClientSampleId :

L-4

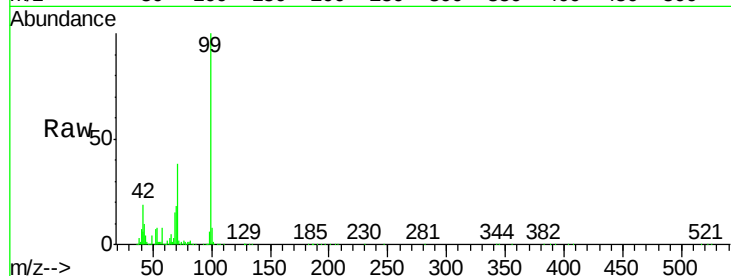
Tgt Ion: 99 Resp: 1691573

Ion Ratio Lower Upper

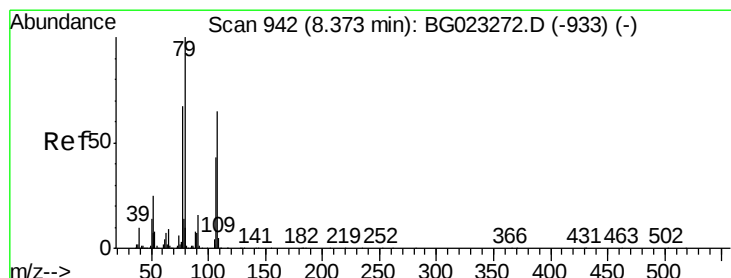
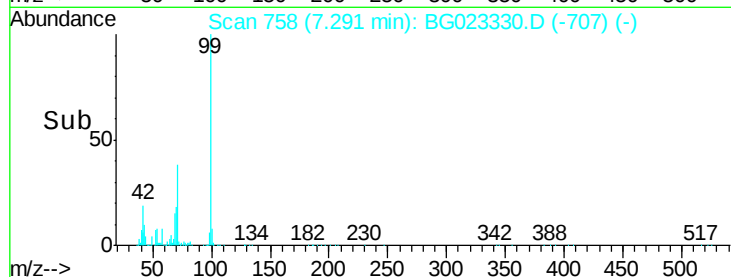
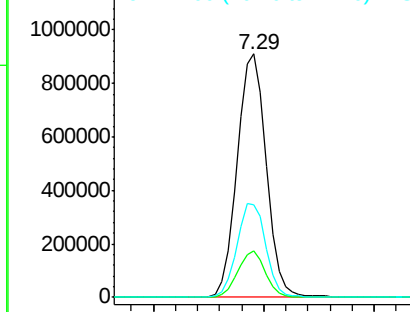
99 100

42 19.1 17.8 26.6

71 38.1 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



#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 8.46 min Scan# 957

Delta R.T. 0.08 min

Lab File: BG023330.D

Acq: 29 Jul 2016 7:44

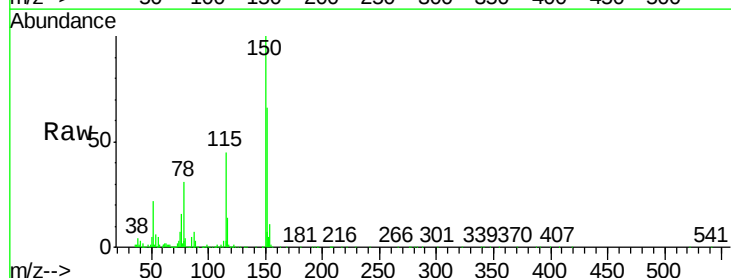
Tgt Ion: 79 Resp: 22105

Ion Ratio Lower Upper

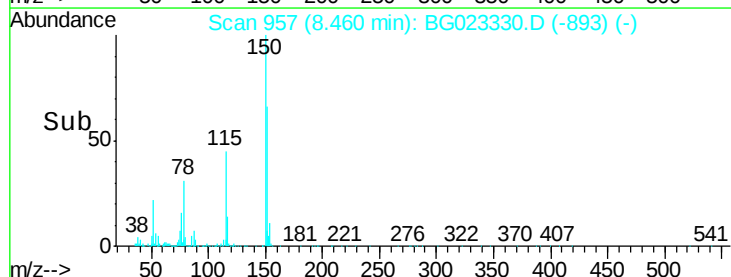
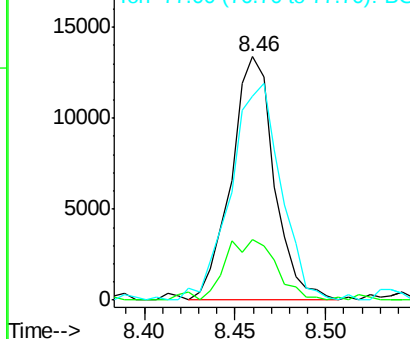
79 100

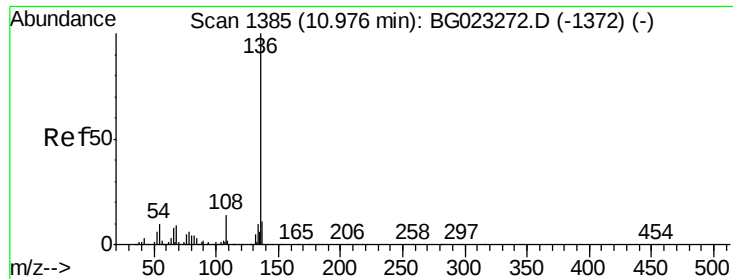
108 24.9 46.5 69.7#

77 83.8 52.3 78.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

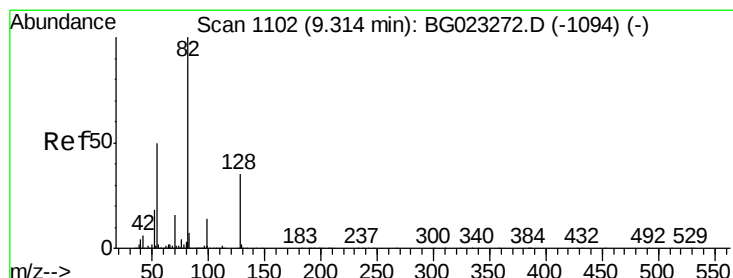
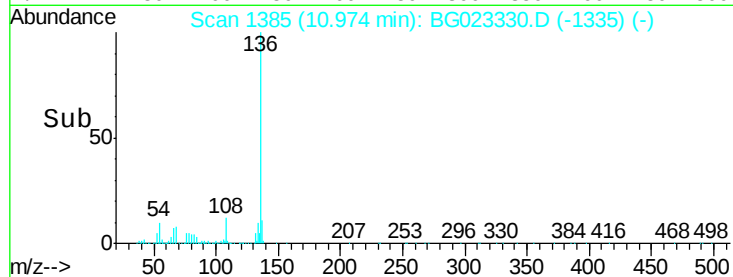
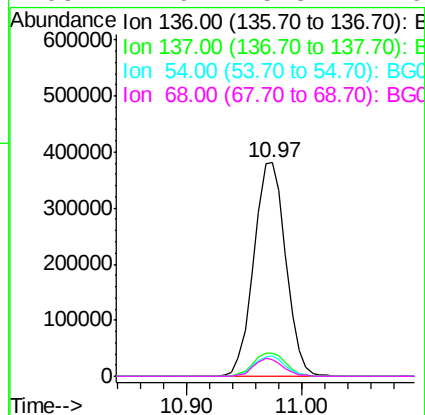
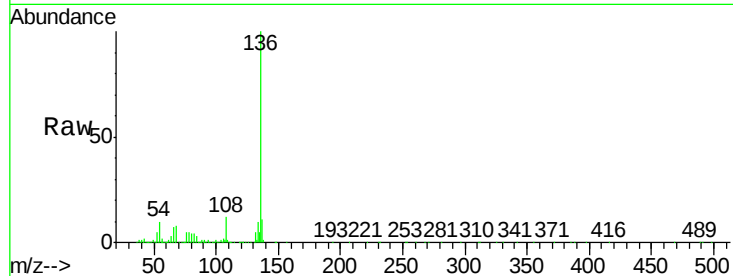




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023330.D
Acq: 29 Jul 2016 7:44

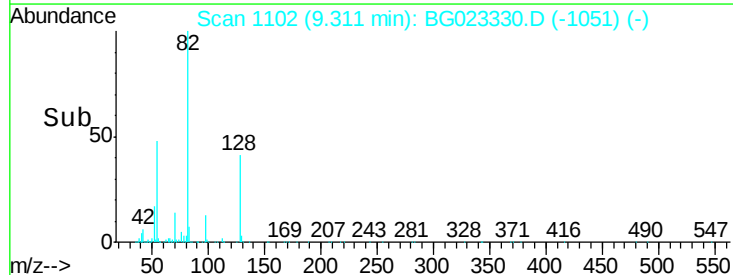
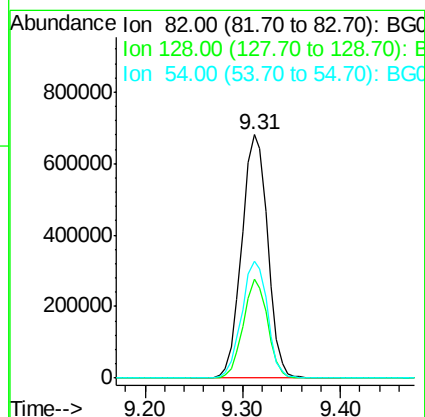
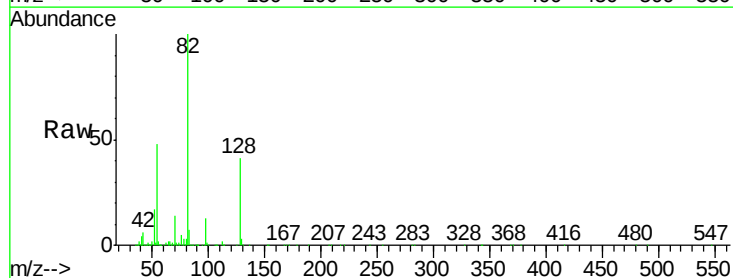
Instrument :
BNA_G
ClientSampleId :
L-4

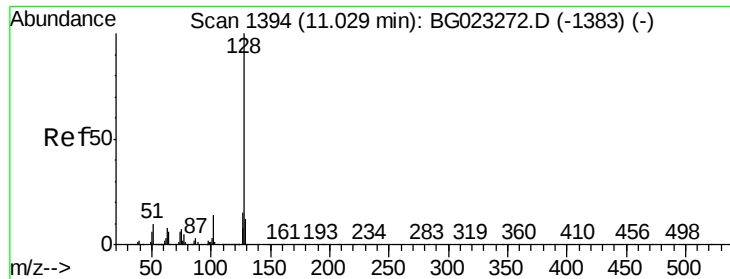
Tgt Ion:	136	Resp:	735280
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	9.9	7.3	10.9
68	7.9	5.3	7.9



#23
Nitrobenzene-d5
Concen: 83.83 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023330.D
Acq: 29 Jul 2016 7:44

Tgt Ion:	82	Resp:	1260426
Ion	Ratio	Lower	Upper
82	100		
128	40.6	24.4	36.6#
54	48.1	41.4	62.0

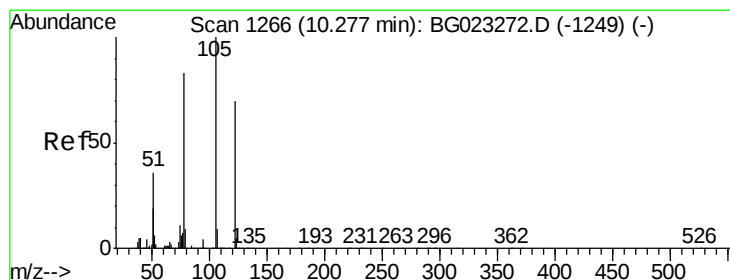
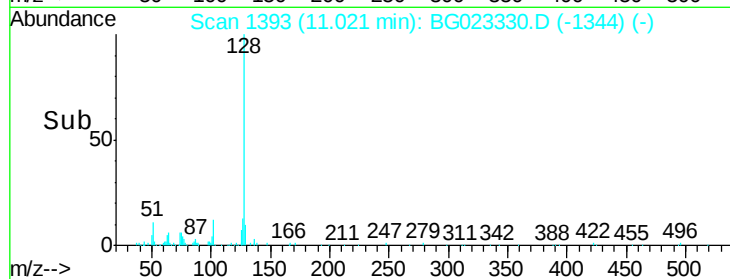
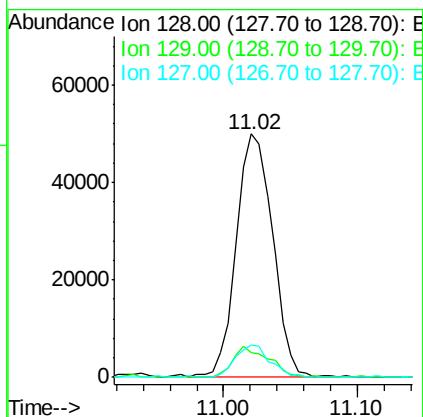
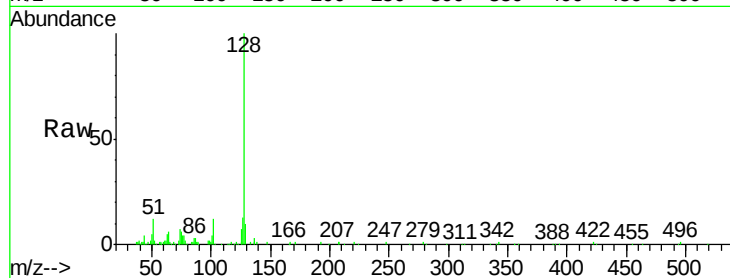




#31
Naphthalene
Concen: 2.76 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG023330.D
Acq: 29 Jul 2016 7:44

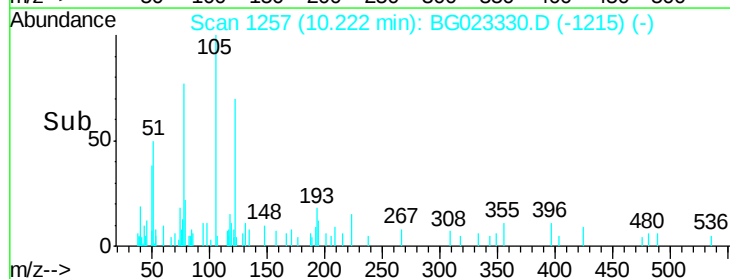
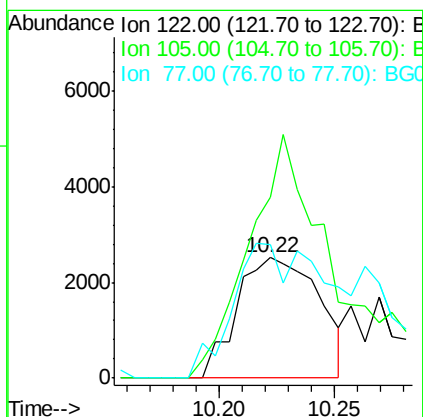
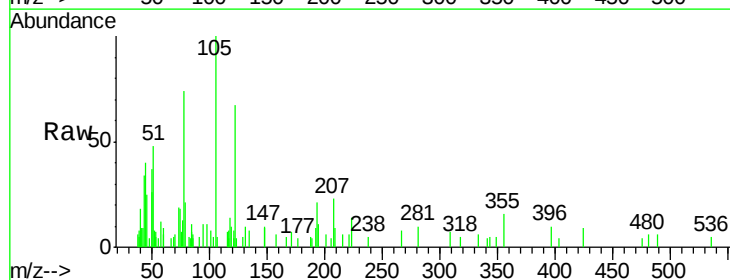
Instrument :
BNA_G
ClientSampleId :
L-4

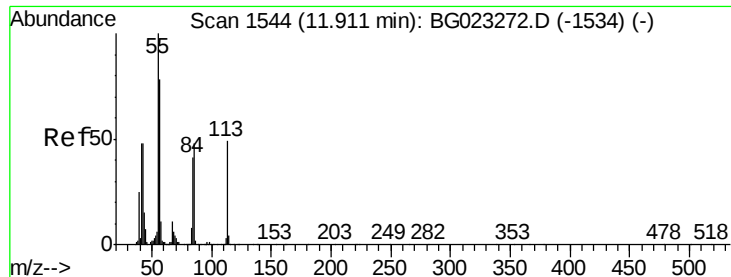
Tgt Ion:128 Resp: 94316
Ion Ratio Lower Upper
128 100
129 10.0 9.4 14.0
127 13.5 11.3 16.9



#32
Benzoic acid
Concen: 8.68 ng
RT: 10.22 min Scan# 1257
Delta R.T. -0.05 min
Lab File: BG023330.D
Acq: 29 Jul 2016 7:44

Tgt Ion:122 Resp: 6218
Ion Ratio Lower Upper
122 100
105 149.9 117.2 157.2
77 110.8 109.2 149.2





#35

Caprolactam

Concen: 3.63 ng

RT: 11.91 min Scan# 1544

Delta R.T. 0.02 min

Lab File: BG023330.D

Acq: 29 Jul 2016 7:44

Instrument :

BNA_G

ClientSampled :

L-4

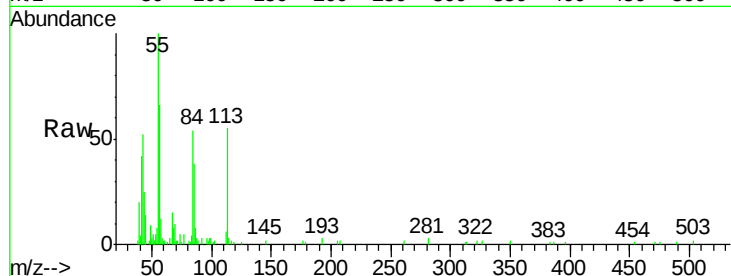
Tgt Ion:113 Resp: 16624

Ion Ratio Lower Upper

113 100

55 180.6 154.5 194.5

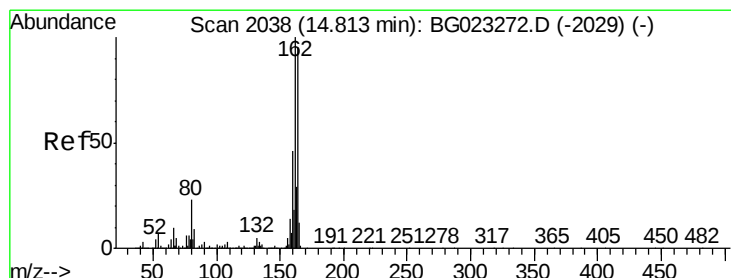
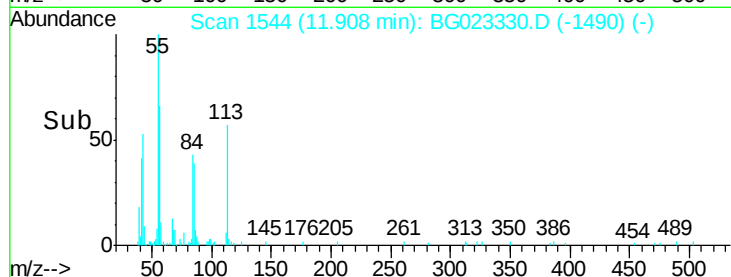
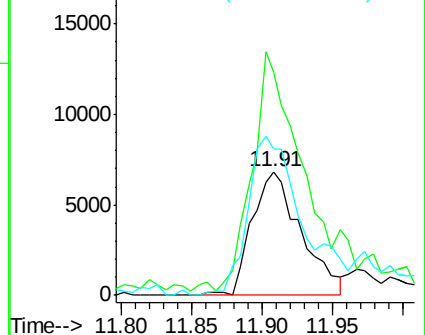
56 118.3 125.1 165.1#



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: 14.80 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG023330.D

Acq: 29 Jul 2016 7:44

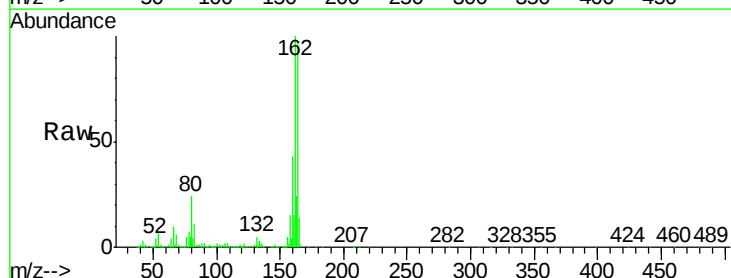
Tgt Ion:164 Resp: 520458

Ion Ratio Lower Upper

164 100

162 103.2 87.7 131.5

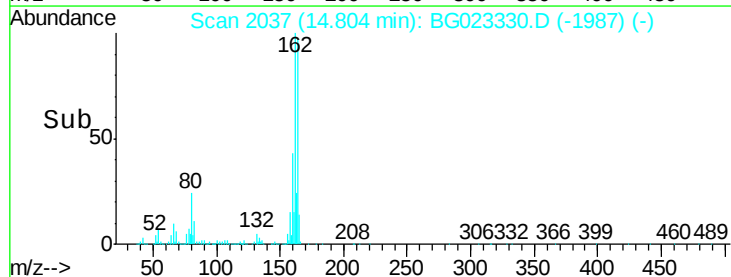
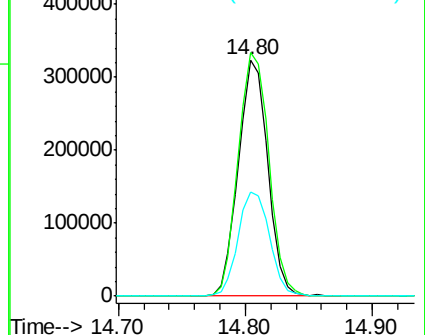
160 44.3 37.2 55.8

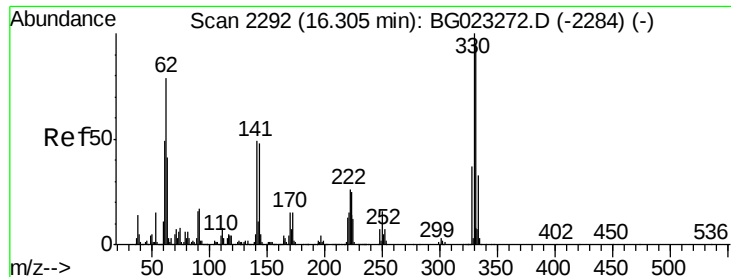


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

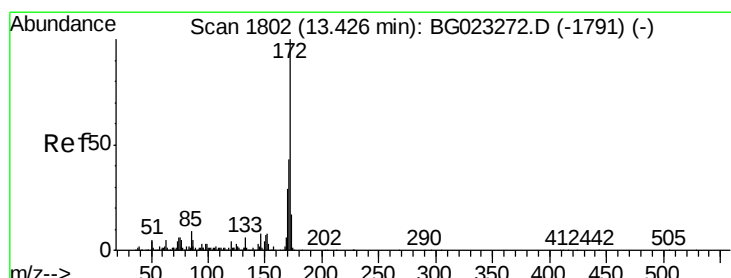
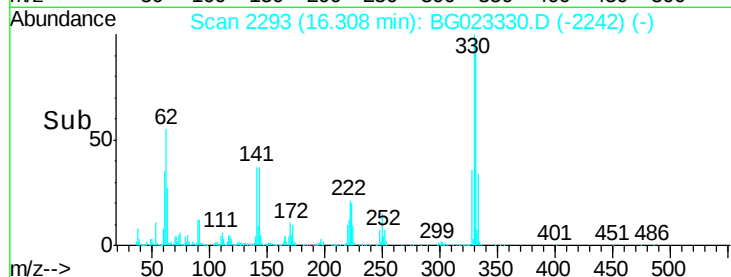
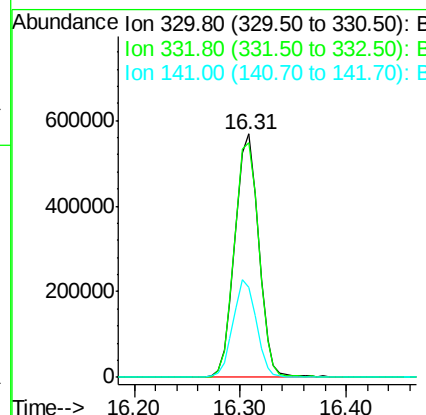
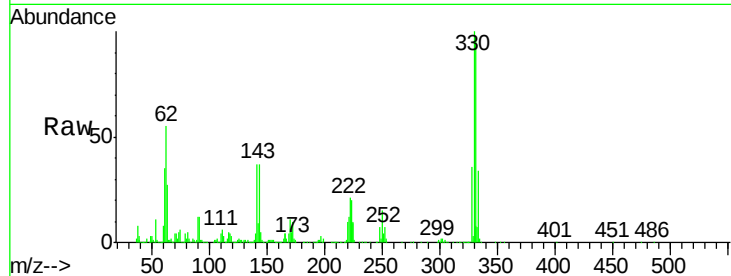




#41
 2,4,6-Tribromophenol
 Concen: 164.88 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG023330.D
 Acq: 29 Jul 2016 7:44

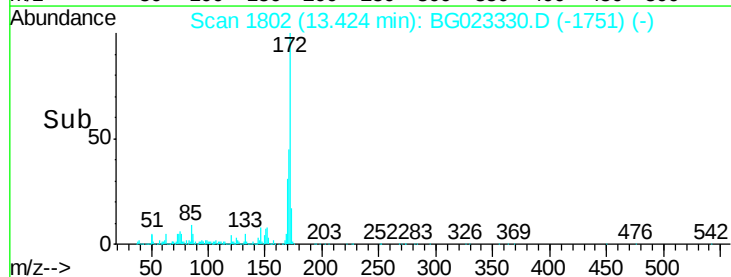
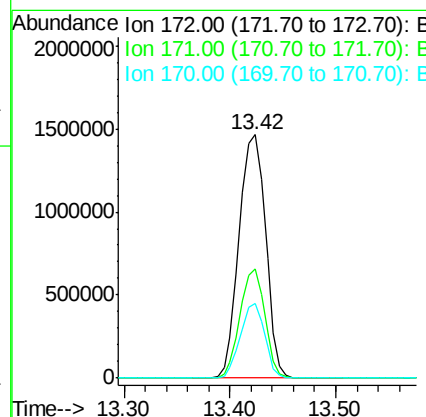
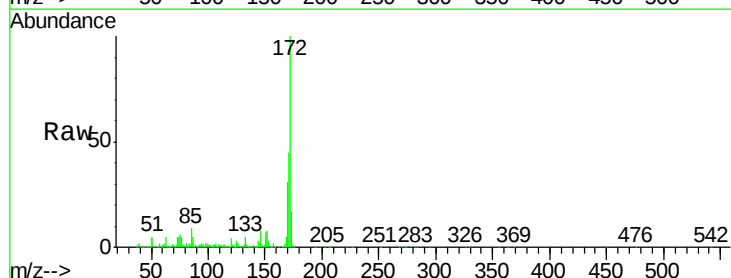
Instrument :
 BNA_G
 ClientSampleId :
 L-4

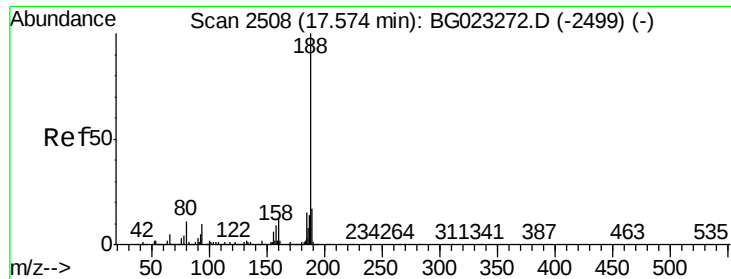
Tgt Ion:330 Resp: 888187
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.4 116.2
 141 39.3 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 91.80 ng
 RT: 13.42 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG023330.D
 Acq: 29 Jul 2016 7:44

Tgt Ion:172 Resp: 2552733
 Ion Ratio Lower Upper
 172 100
 171 44.8 31.6 47.4
 170 30.9 21.3 31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG023330.D

Acq: 29 Jul 2016 7:44

Instrument :

BNA_G

ClientSampled :

L-4

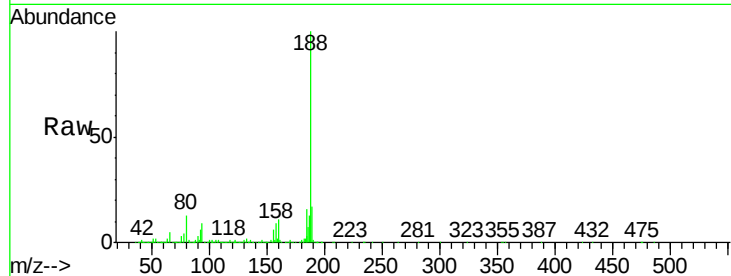
Tgt Ion:188 Resp: 1243405

Ion Ratio Lower Upper

188 100

94 9.5 5.2 7.8#

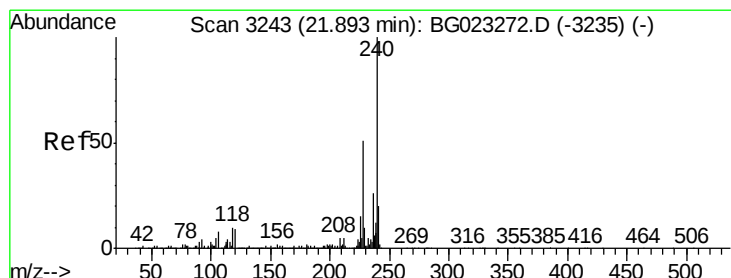
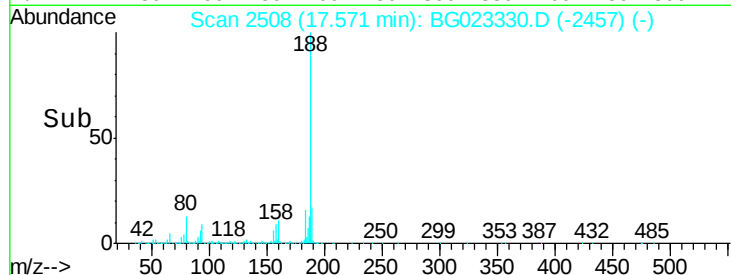
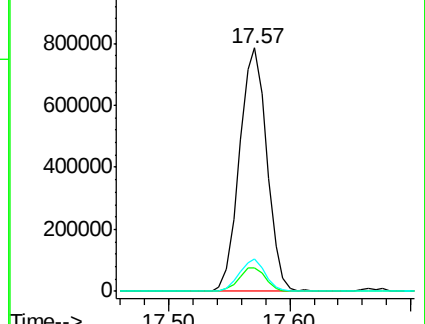
80 13.2 7.2 10.8#



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: 21.89 min Scan# 3243

Delta R.T. -0.00 min

Lab File: BG023330.D

Acq: 29 Jul 2016 7:44

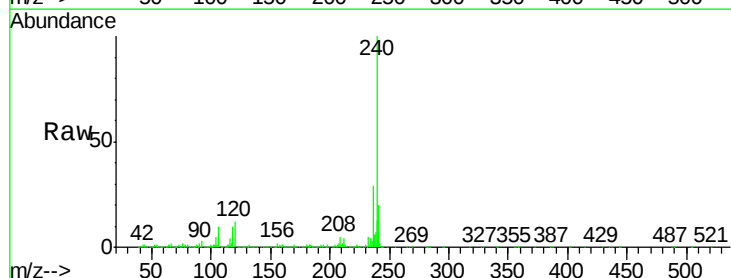
Tgt Ion:240 Resp: 1269449

Ion Ratio Lower Upper

240 100

120 11.9 4.1 6.1#

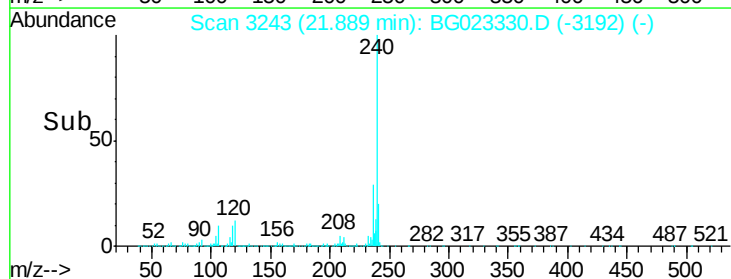
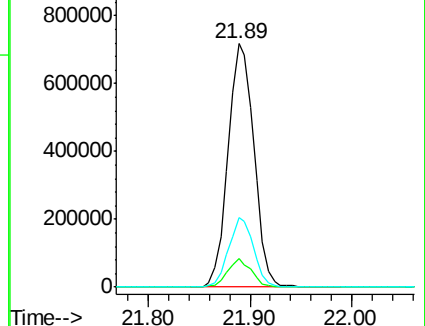
236 28.7 21.1 31.7

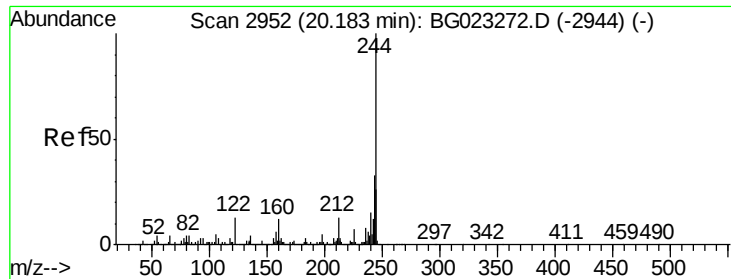


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.68 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023330.D

Acq: 29 Jul 2016 7:44

Instrument :

BNA_G

ClientSampled :

L-4

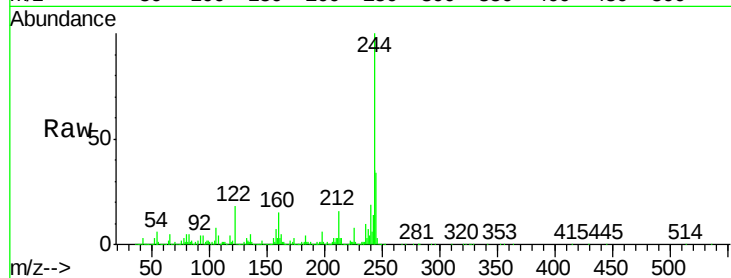
Tgt Ion:244 Resp: 3267809

Ion Ratio Lower Upper

244 100

212 15.7 10.8 16.2

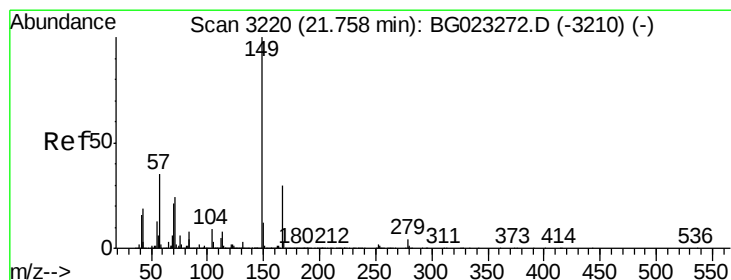
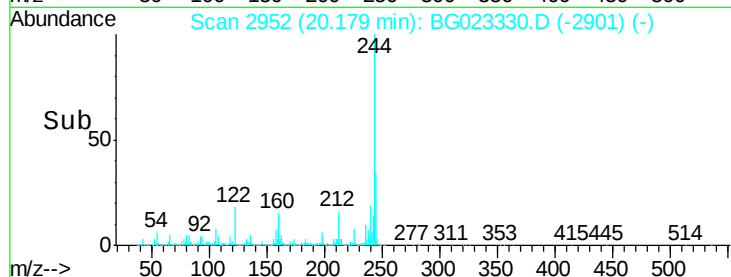
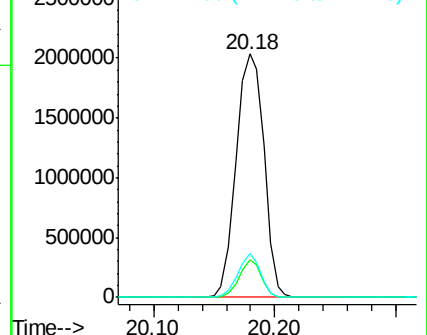
122 17.8 8.0 12.0#



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: 6.13 ng

RT: 21.75 min Scan# 3220

Delta R.T. -0.00 min

Lab File: BG023330.D

Acq: 29 Jul 2016 7:44

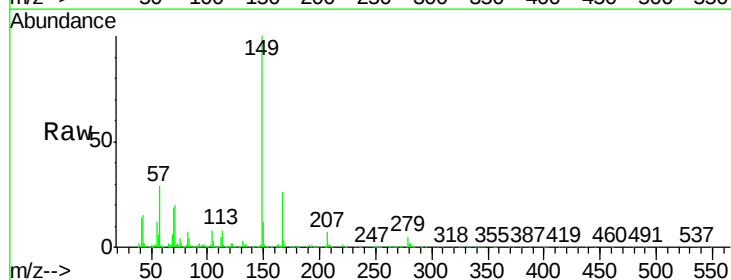
Tgt Ion:149 Resp: 271834

Ion Ratio Lower Upper

149 100

167 26.5 24.0 36.0

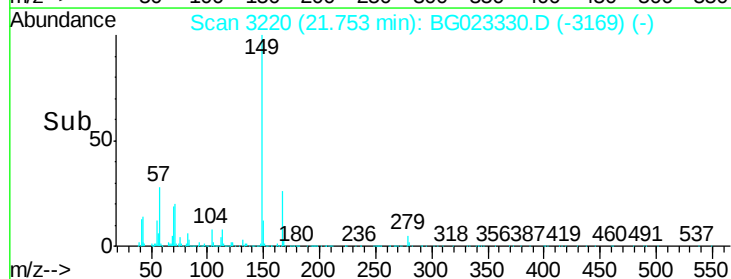
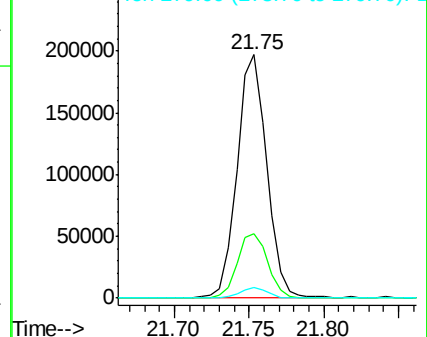
279 4.6 4.8 7.2#

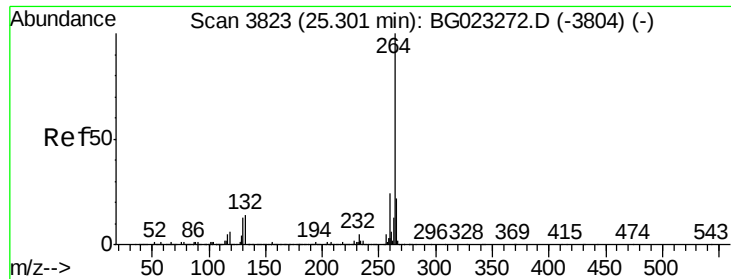


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



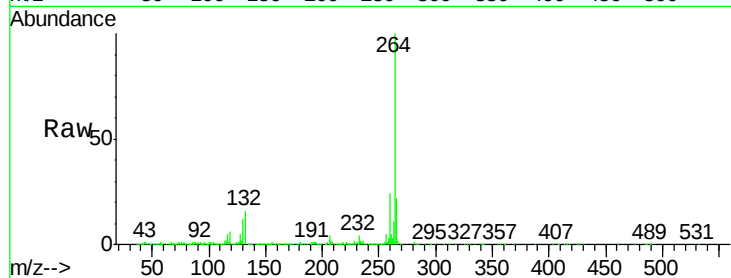


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3823
Delta R.T. -0.01 min
Lab File: BG023330.D
Acq: 29 Jul 2016 7:44

Instrument :
BNA_G
ClientSampleId :
L-4

Tgt Ion:264 Resp: 1289436

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.4	27.6
265	22.4	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

