

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
 Data File : BG023358.D
 Acq On : 30 Jul 2016 15:26
 Operator : UM/SJ
 Sample : PB92558BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 01 01:22:51 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

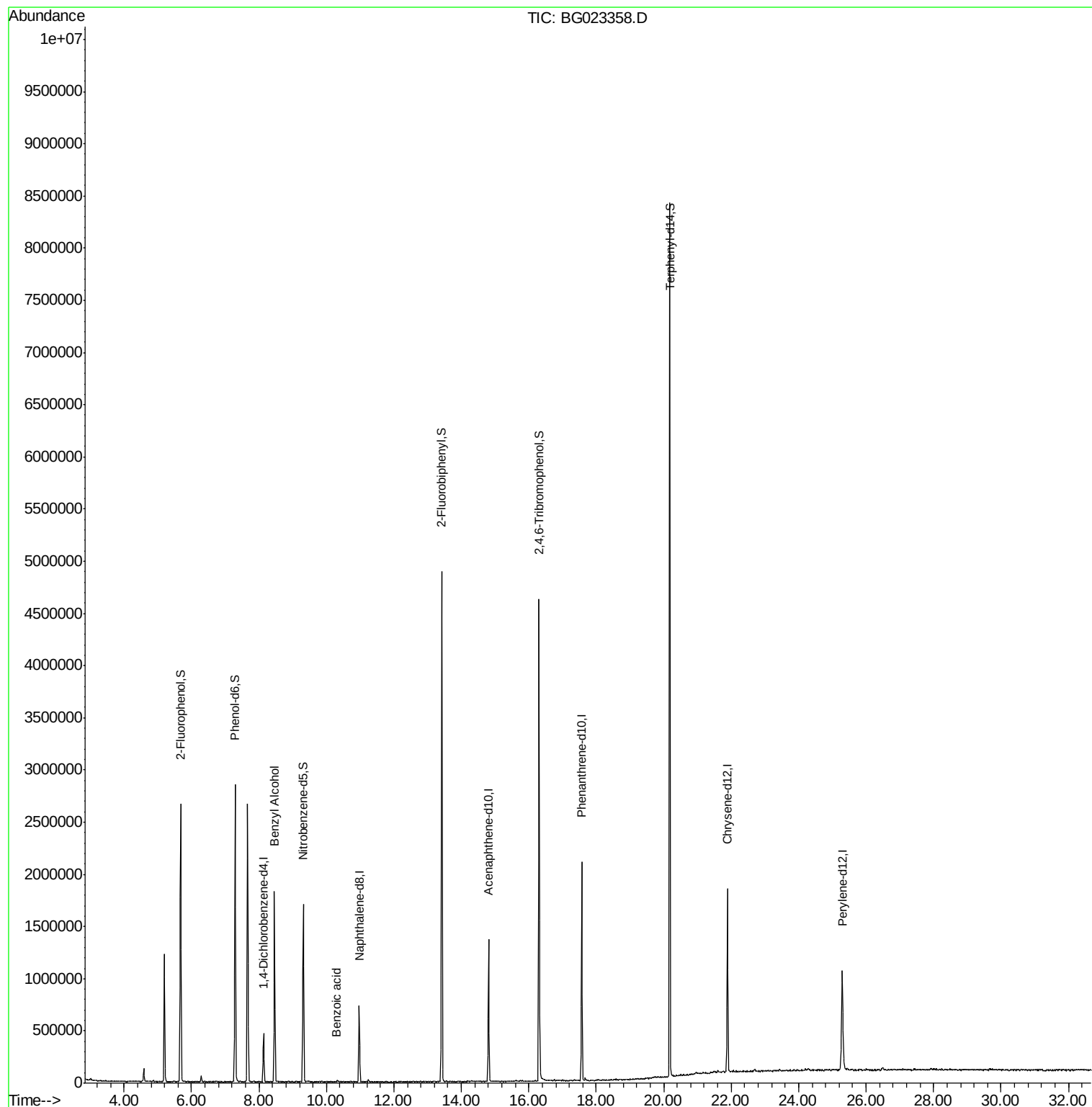
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	124365	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	602938	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	457219	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1248479	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1079362	20.00	ng	0.00
86) Perylene-d12	25.30	264	1068316	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	1164444	159.84	ng	0.00
7) Phenol-d6	7.29	99	1766594	157.95	ng	0.00
23) Nitrobenzene-d5	9.31	82	1120498	90.88	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	912260	192.77	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2382532	97.53	ng	0.00
78) Terphenyl-d14	20.17	244	3097585	93.29	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.46	79	16856	2.24	ng	# 50
32) Benzoic acid	10.29	122	270	8.14	ng	# 1

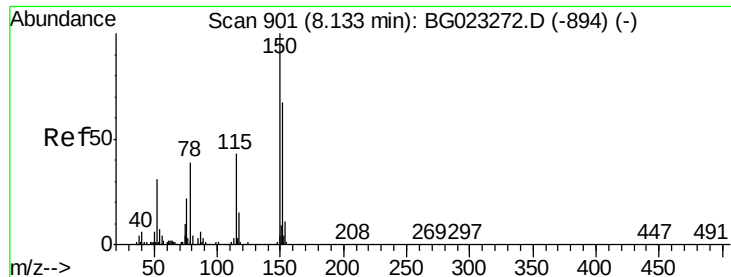
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023358.D

Acq: 30 Jul 2016 15:26

Instrument :

BNA_G

ClientSampleId :

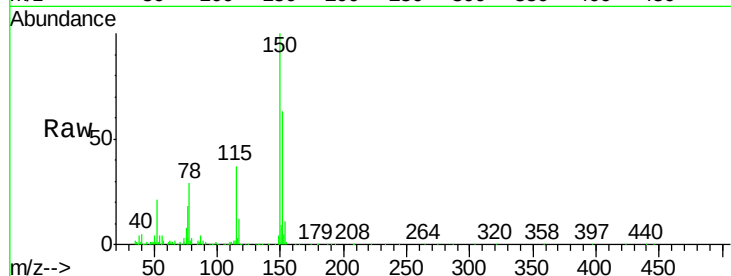
Tot Ion:152 Resp: 124365

Ion Ratio Lower Upper

152 100

150 159.2 144.7 217.1

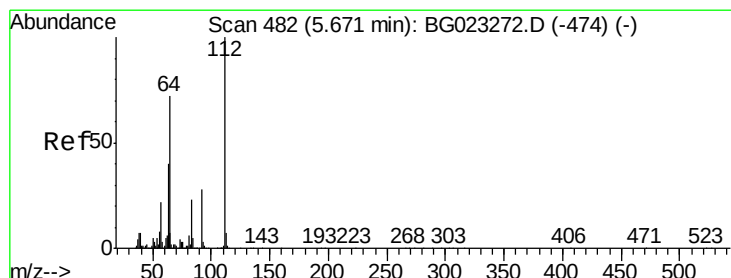
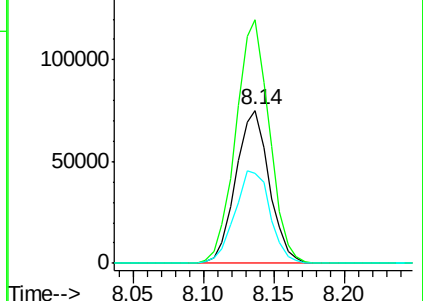
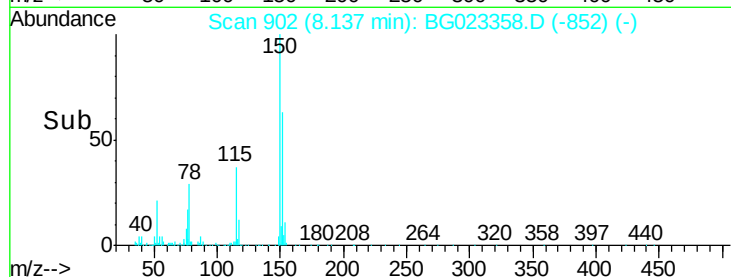
115 59.1 64.0 96.0#



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: 159.84 ng

RT: 5.68 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023358.D

Acq: 30 Jul 2016 15:26

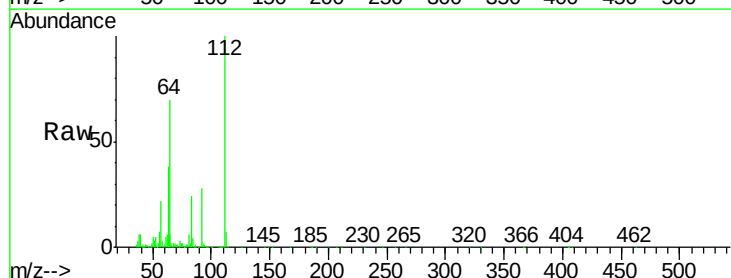
Tgt Ion:112 Resp: 1164444

Ion Ratio Lower Upper

112 100

64 70.1 59.0 88.4

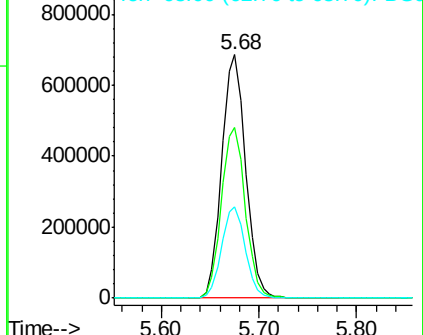
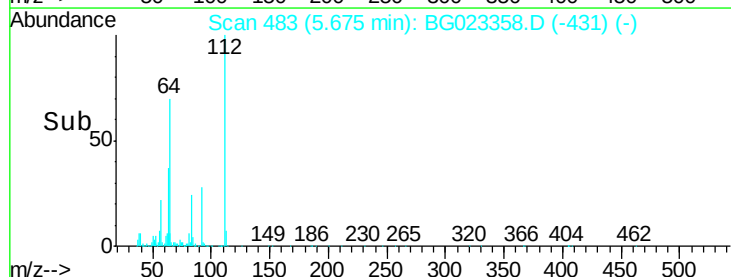
63 37.5 37.8 56.8#

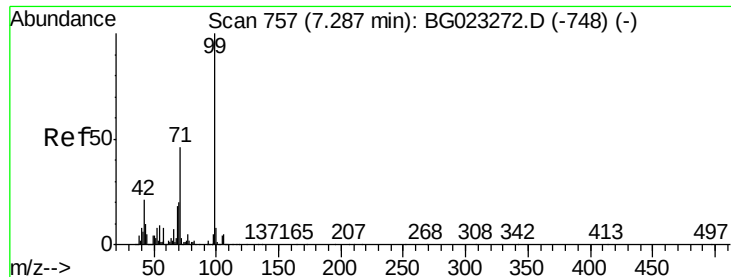


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 157.95 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023358.D

Acq: 30 Jul 2016 15:26

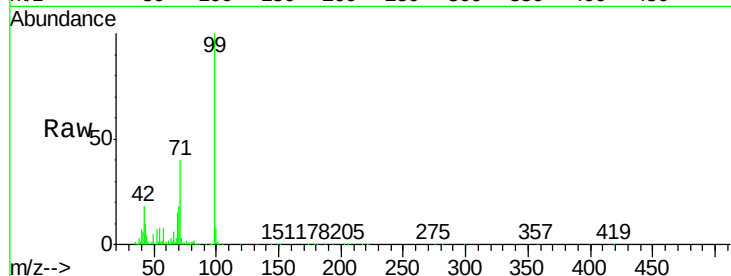
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1766594

Ion	Ratio	Lower	Upper
99	100		
42	17.7	17.8	26.6#
71	39.8	41.5	62.3#

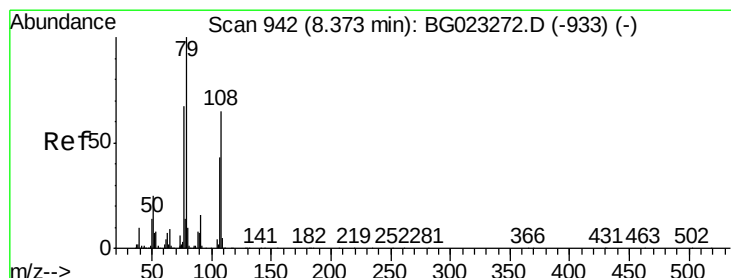
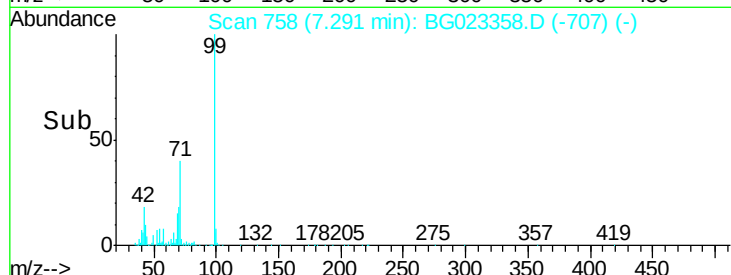
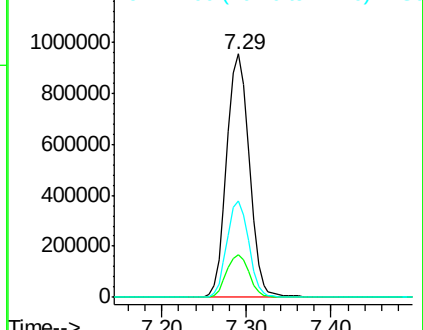


Abundance

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: 2.24 ng

RT: 8.46 min Scan# 957

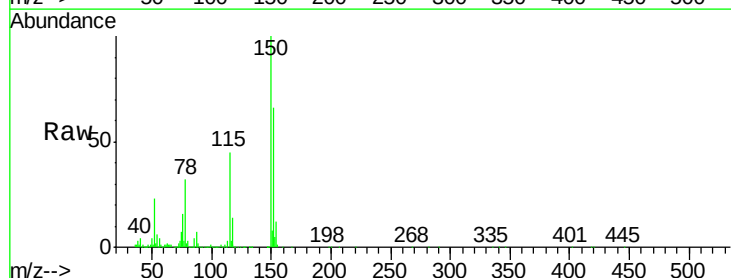
Delta R.T. 0.08 min

Lab File: BG023358.D

Acq: 30 Jul 2016 15:26

Tgt Ion: 79 Resp: 16856

Ion	Ratio	Lower	Upper
79	100		
108	28.3	46.5	69.7#
77	111.8	52.3	78.5#

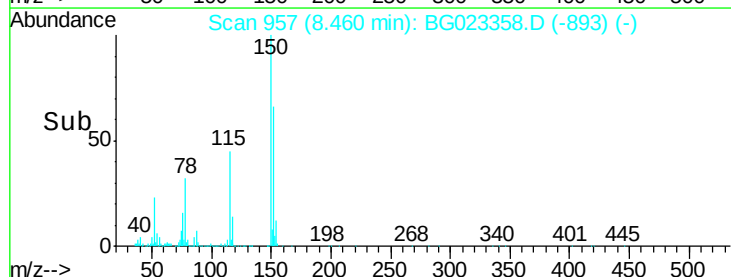
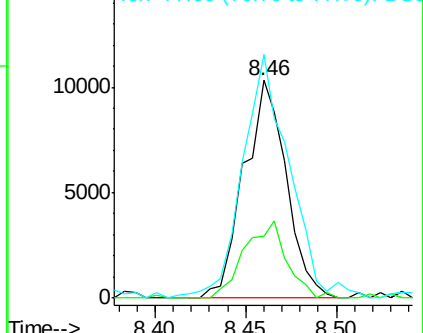


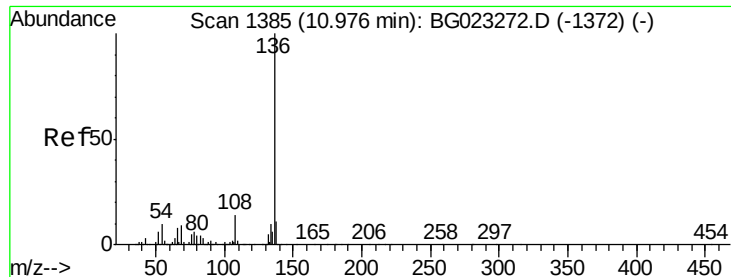
Abundance

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

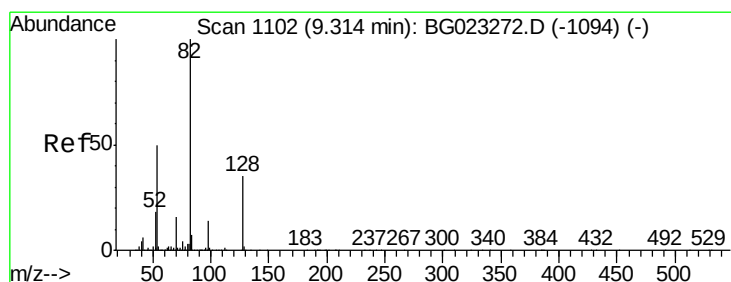
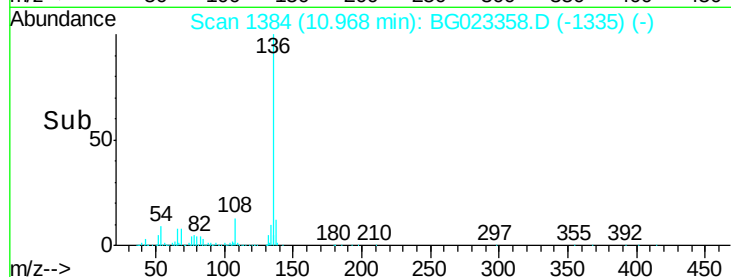
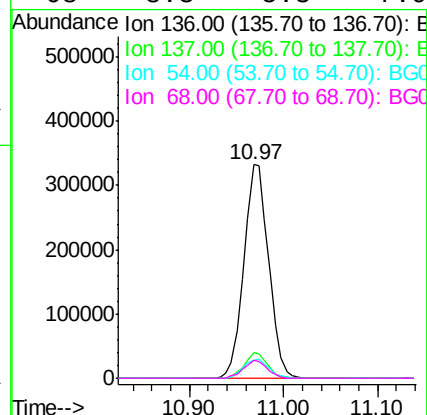
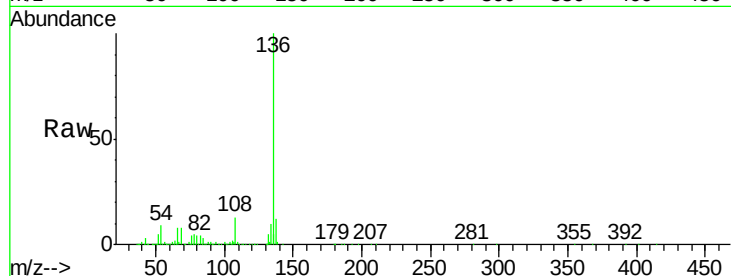




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG023358.D
Acq: 30 Jul 2016 15:26

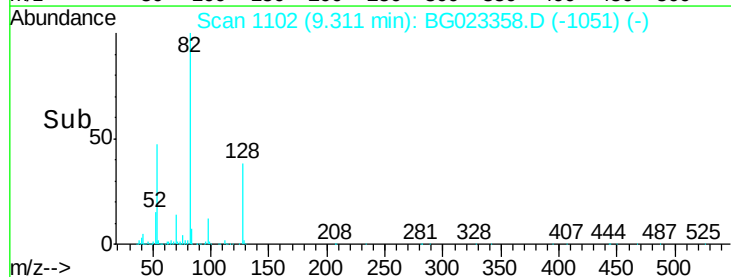
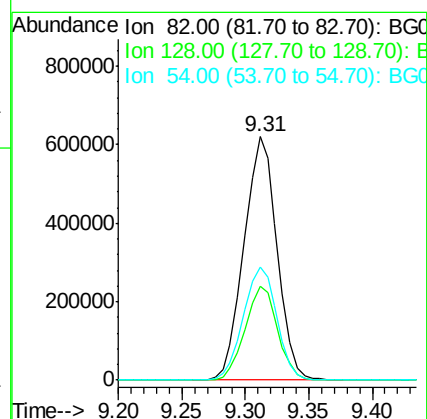
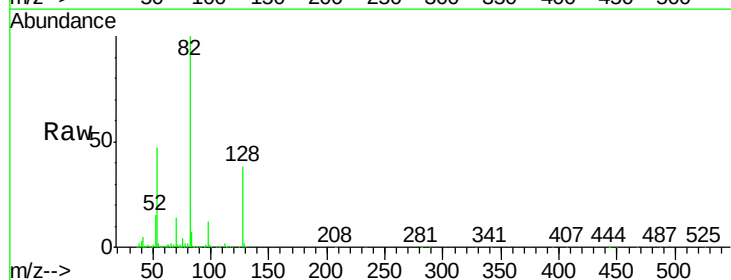
Instrument :
BNA_G
ClientSampleId :

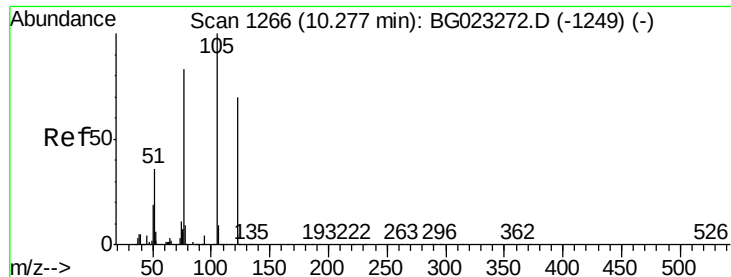
Tot Ion:136	Resp:	602938
Ion Ratio	Lower	Upper
136	100	
137	12.2	9.6 14.4
54	8.6	7.3 10.9
68	8.3	5.3 7.9#



#23
Nitrobenzene-d5
Concen: 90.88 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023358.D
Acq: 30 Jul 2016 15:26

Tgt Ion: 82	Resp:	1120498
Ion Ratio	Lower	Upper
82	100	
128	38.4	24.4 36.6#
54	46.6	41.4 62.0

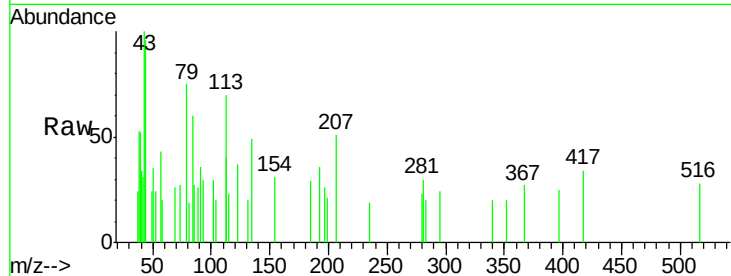




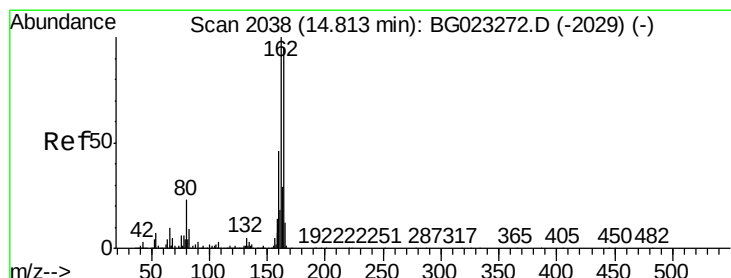
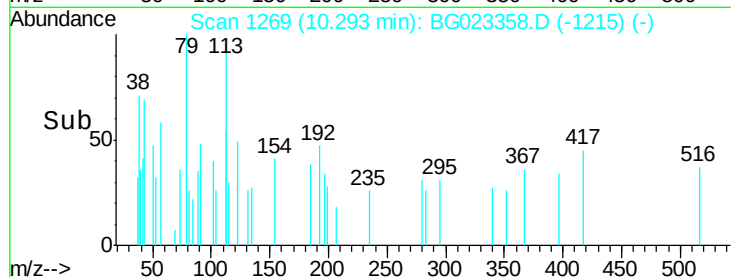
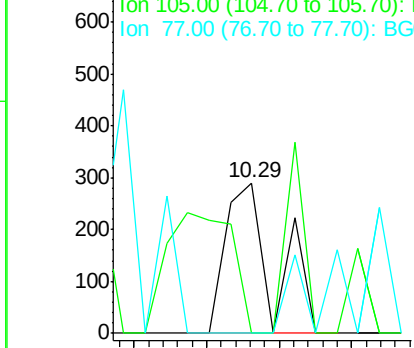
#32
Benzoic acid
Concen: 8.14 ng
RT: 10.29 min Scan# 1269
Delta R.T. 0.02 min
Lab File: BG023358.D
Acq: 30 Jul 2016 15:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 270
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#

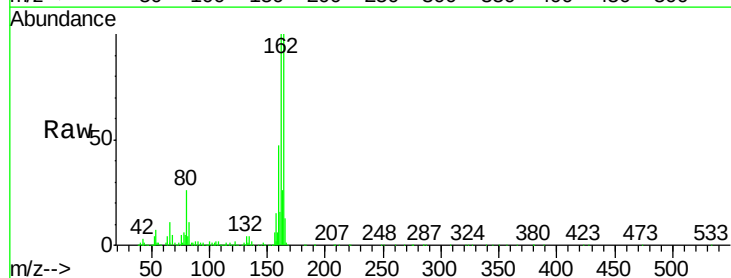


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

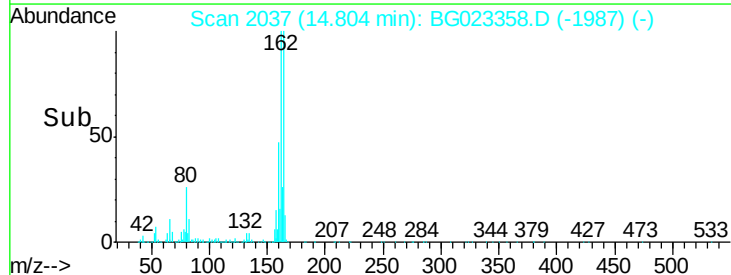
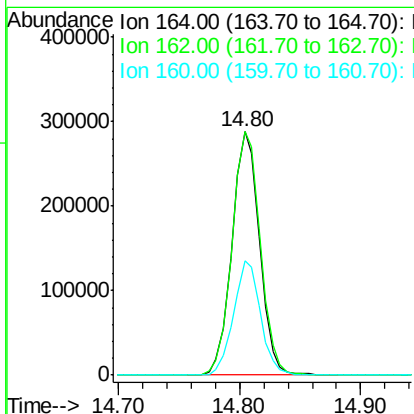


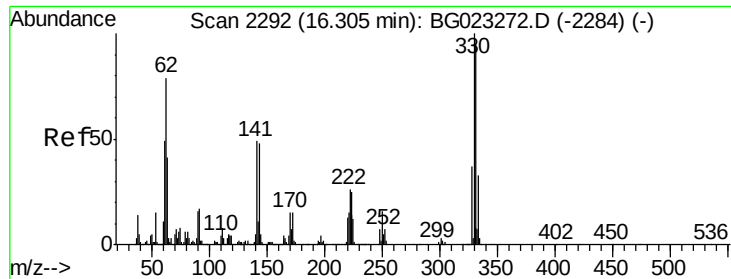
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023358.D
Acq: 30 Jul 2016 15:26

Tgt Ion:164 Resp: 457219
Ion Ratio Lower Upper
164 100
162 99.9 87.7 131.5
160 46.9 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: 192.77 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG023358.D

Acq: 30 Jul 2016 15:26

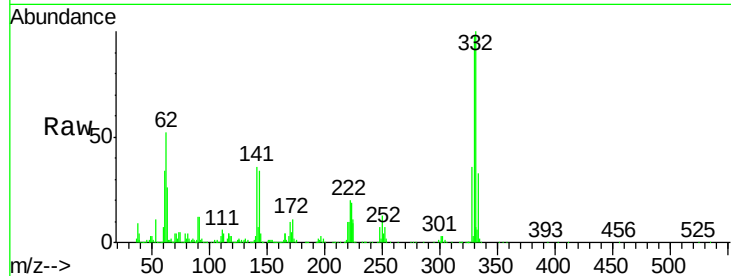
Instrument :

BNA_G

ClientSampleId :

Tot Ion:330 Resp: 912260

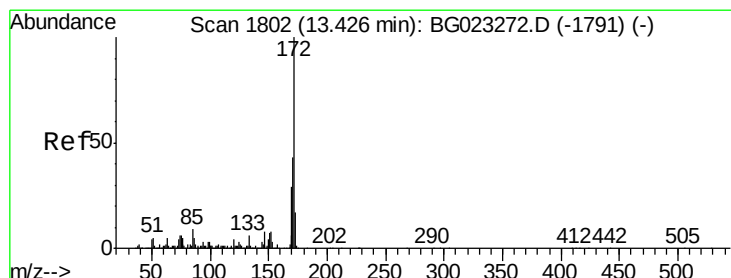
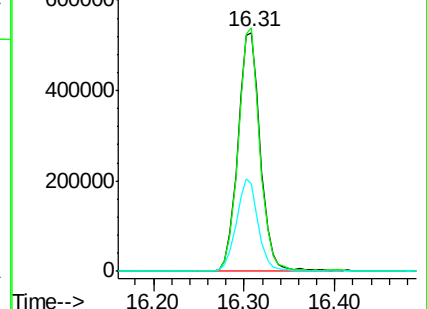
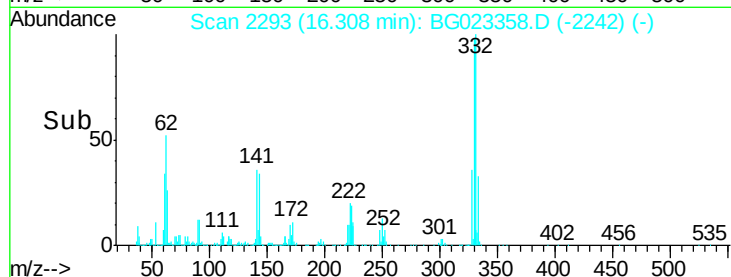
Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.4	116.2
141	37.4	31.7	47.5



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: 97.53 ng

RT: 13.42 min Scan# 1801

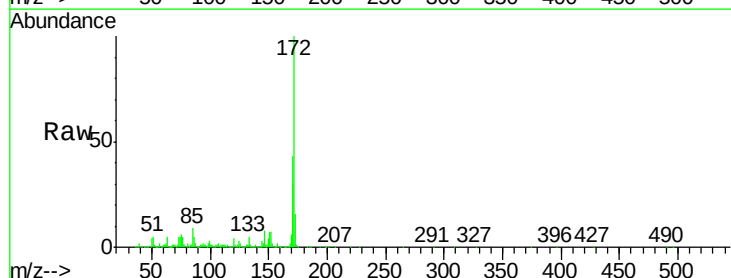
Delta R.T. -0.00 min

Lab File: BG023358.D

Acq: 30 Jul 2016 15:26

Tgt Ion:172 Resp: 2382532

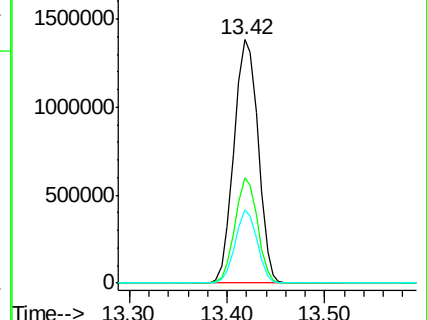
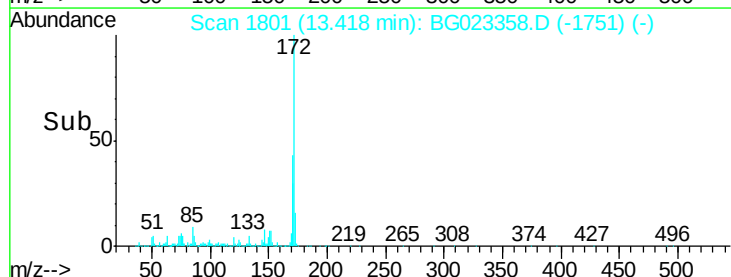
Ion	Ratio	Lower	Upper
172	100		
171	43.1	31.6	47.4
170	29.9	21.3	31.9

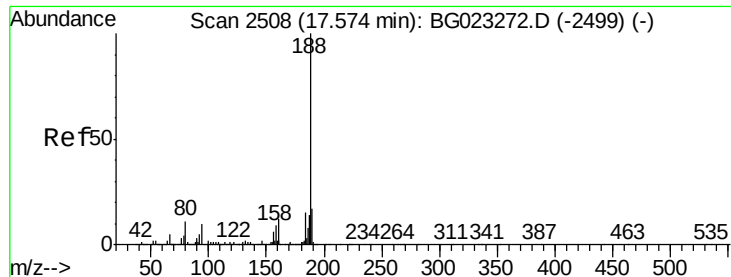


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG023358.D

Acq: 30 Jul 2016 15:26

Instrument :

BNA_G

ClientSampleId :

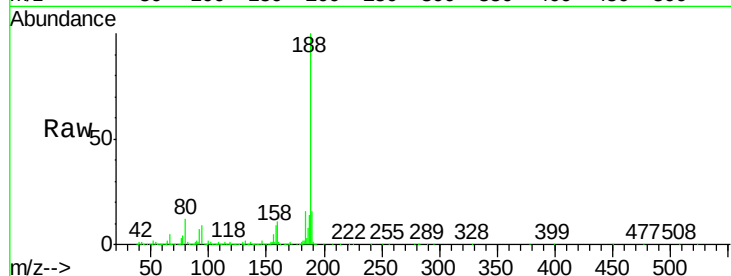
Tot Ion:188 Resp: 1248479

Ion Ratio Lower Upper

188 100

94 9.4 5.2 7.8#

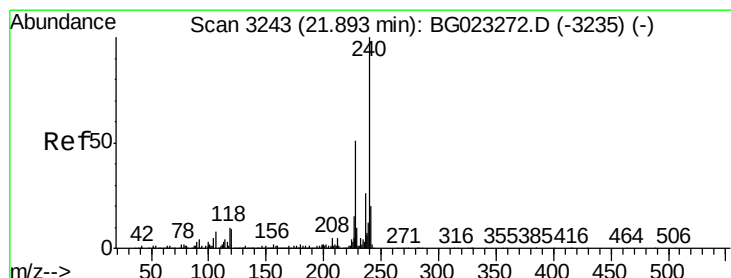
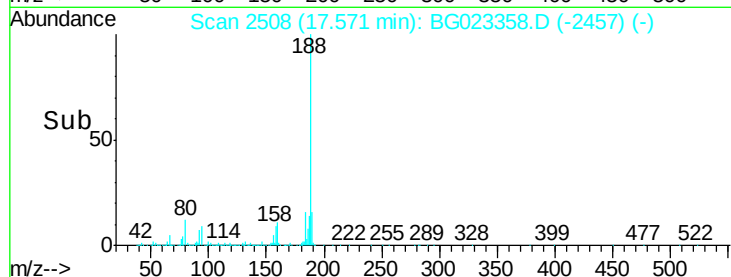
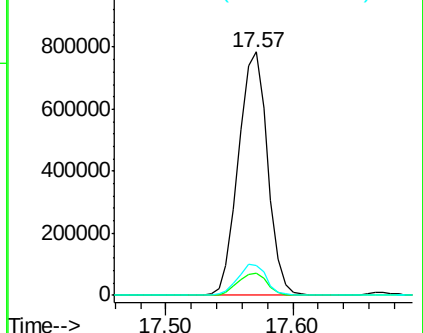
80 12.3 7.2 10.8#



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: 21.89 min Scan# 3243

Delta R.T. -0.00 min

Lab File: BG023358.D

Acq: 30 Jul 2016 15:26

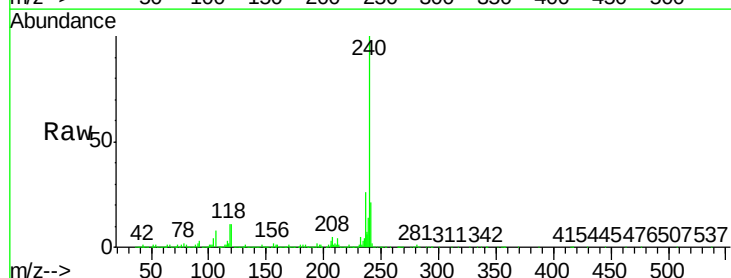
Tgt Ion:240 Resp: 1079362

Ion Ratio Lower Upper

240 100

120 10.7 4.1 6.1#

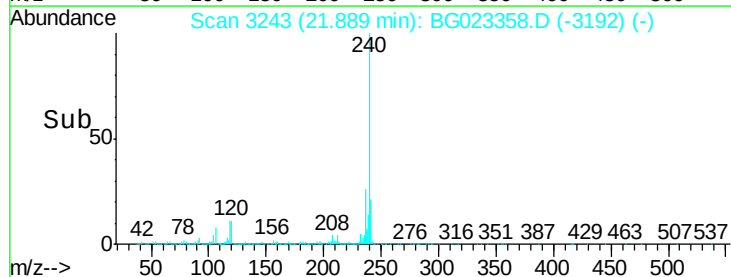
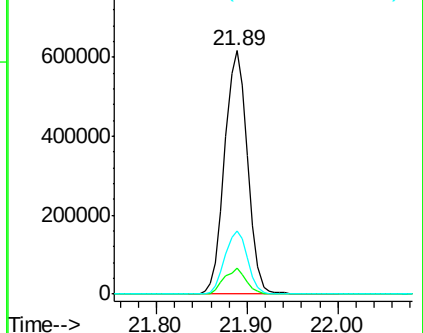
236 26.2 21.1 31.7

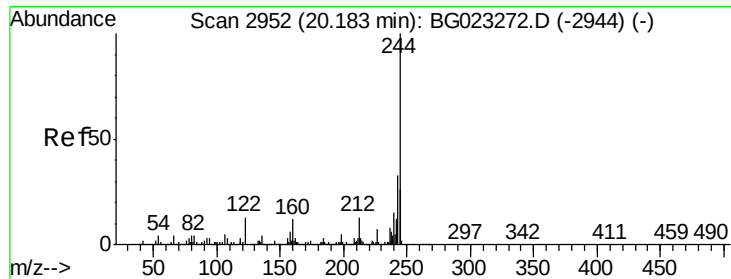


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

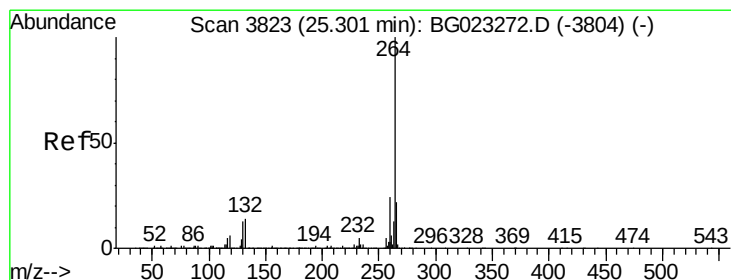
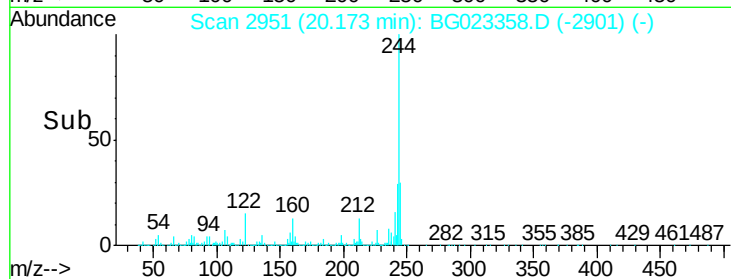
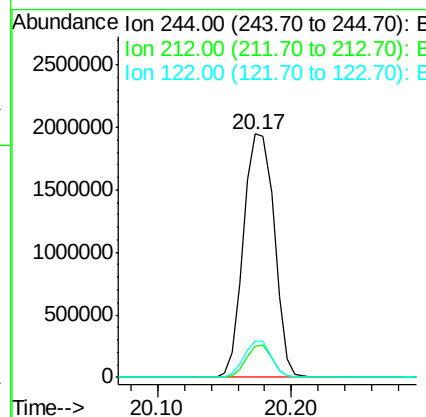
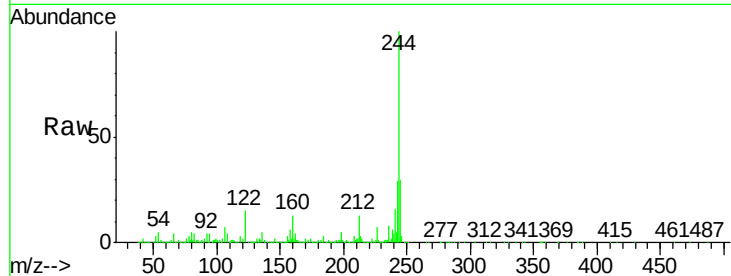




#78
 Terphenyl-d14
 Concen: 93.29 ng
 RT: 20.17 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: BG023358.D
 Acq: 30 Jul 2016 15:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 3097585
 Ion Ratio Lower Upper
 244 100
 212 13.0 10.8 16.2
 122 14.7 8.0 12.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.30 min Scan# 3823
 Delta R.T. -0.01 min
 Lab File: BG023358.D
 Acq: 30 Jul 2016 15:26

Tgt Ion:264 Resp: 1068316
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 22.5 18.9 28.3

