

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
 Data File : BG023363.D
 Acq On : 30 Jul 2016 18:49
 Operator : UM/SJ
 Sample : H4223-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 01 01:24:36 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

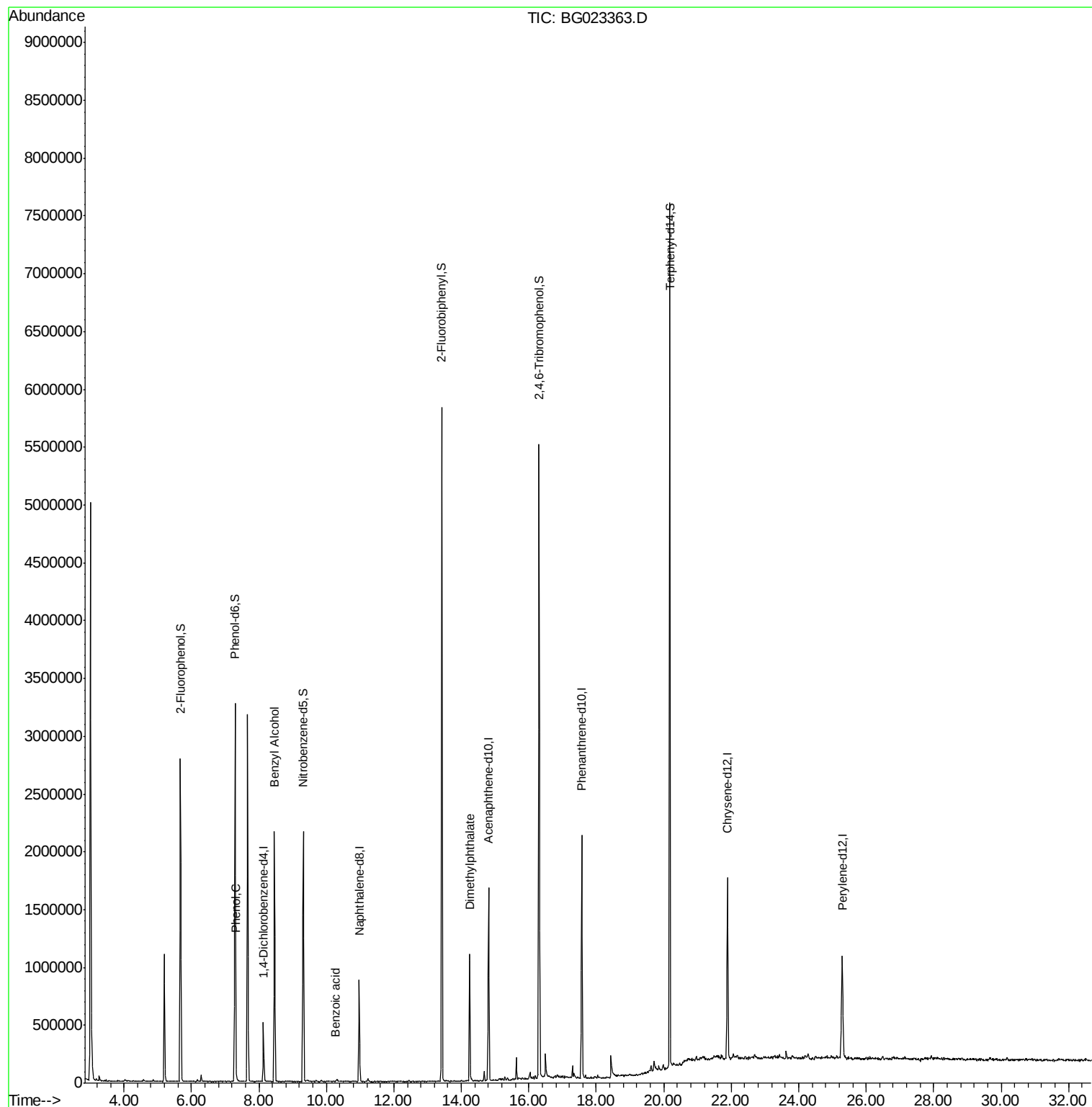
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	142846	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	730907	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	556223	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1221642	20.00	ng	0.00
75) Chrysene-d12	21.89	240	957481	20.00	ng	0.00
86) Perylene-d12	25.29	264	959093	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1215217	145.23	ng	0.00
7) Phenol-d6	7.29	99	1994102	155.23	ng	0.00
23) Nitrobenzene-d5	9.31	82	1386605	92.77	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	1035297	179.83	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2770577	93.23	ng	0.00
78) Terphenyl-d14	20.18	244	2827428	95.99	ng	0.00
Target Compounds						
10) Phenol	7.32	94	50183	3.70	ng	92
15) Benzyl Alcohol	8.46	79	22664	2.62	ng	# 61
32) Benzoic acid	10.28	122	231	8.13	ng	# 29
49) Dimethylphthalate	14.25	163	690687	16.83	ng	98

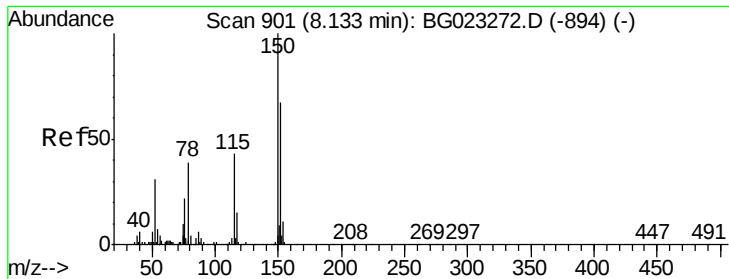
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
Data File : BG023363.D
Acq On : 30 Jul 2016 18:49
Operator : UM/SJ
Sample : H4223-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 01 01:24:36 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



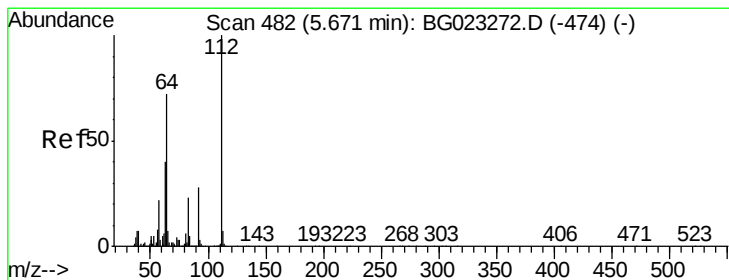
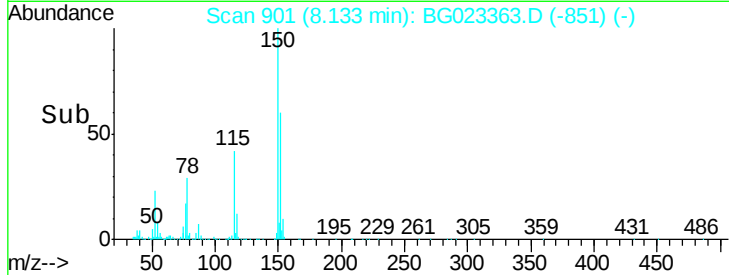
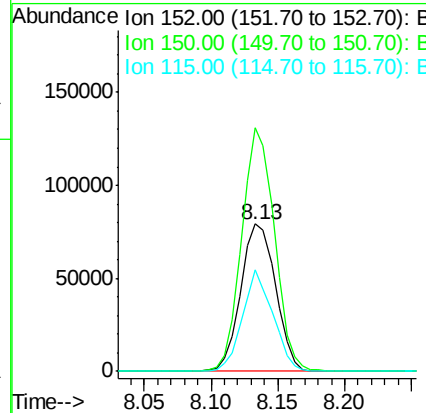
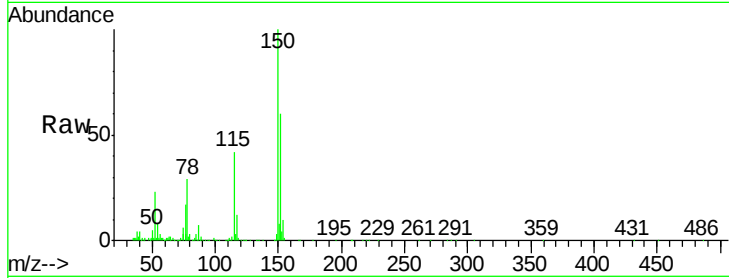


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG023363.D
Acq: 30 Jul 2016 18:49

Instrument :
BNA_G
ClientSampleId :

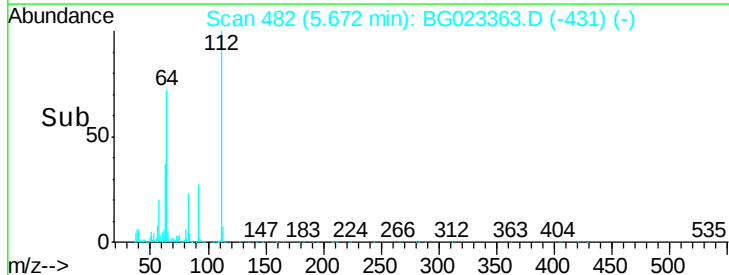
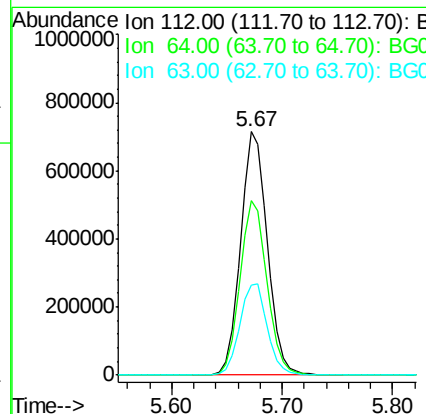
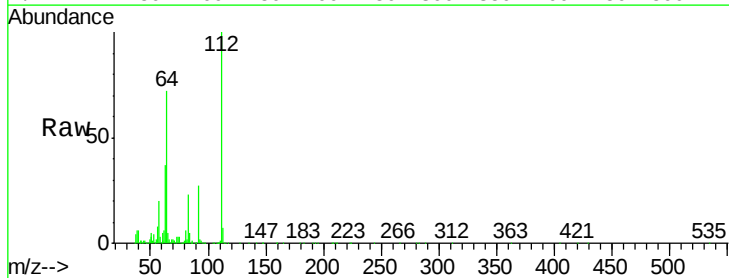
Tot Ion	Ratio	Lower	Upper
152	100		
150	165.3	144.7	217.1
115	69.2	64.0	96.0

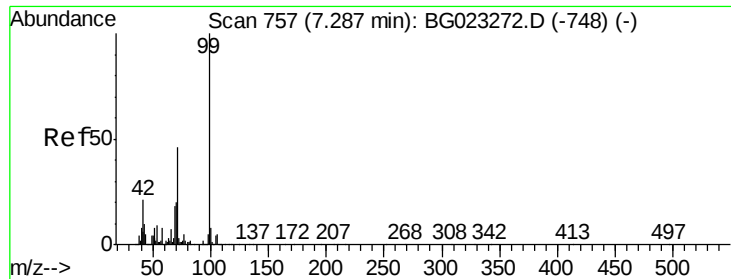


#5

2-Fluorophenol
Concen: 145.23 ng
RT: 5.67 min Scan# 482
Delta R.T. -0.00 min
Lab File: BG023363.D
Acq: 30 Jul 2016 18:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	59.0	88.4
63	37.0	37.8	56.8





#7

Phenol-d6

Concen: 155.23 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.01 min

Lab File: BG023363.D

Acq: 30 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

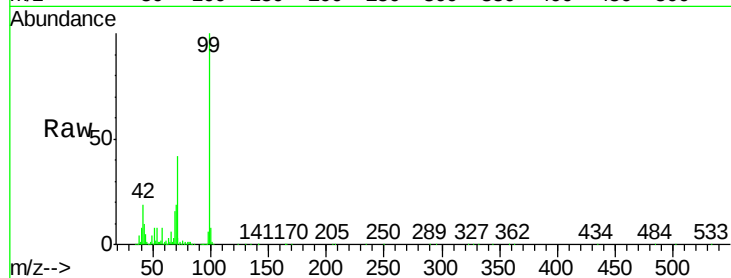
Tot Ion: 99 Resp: 1994102

Ion Ratio Lower Upper

99 100

42 19.4 17.8 26.6

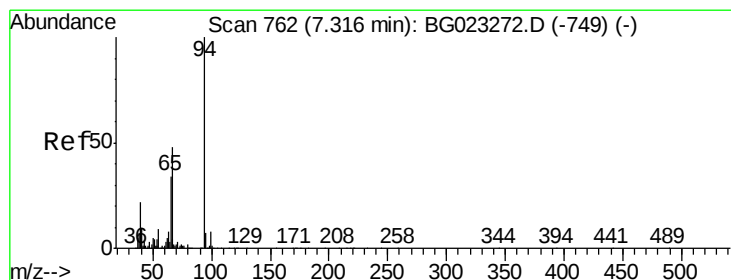
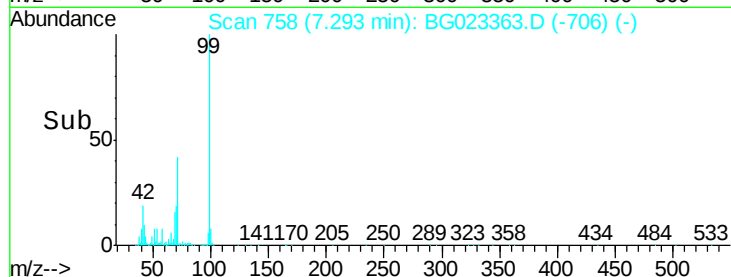
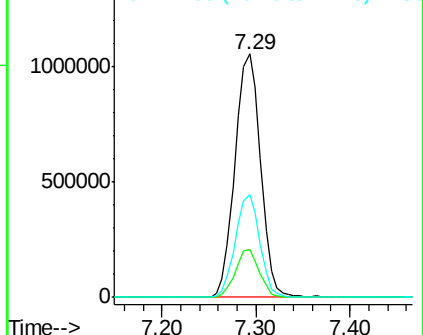
71 42.5 41.5 62.3



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: 3.70 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG023363.D

Acq: 30 Jul 2016 18:49

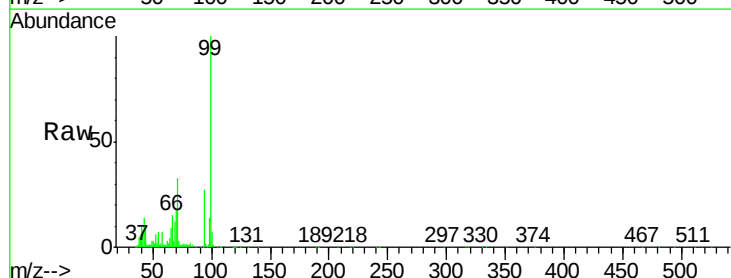
Tgt Ion: 94 Resp: 50183

Ion Ratio Lower Upper

94 100

65 33.5 18.1 58.1

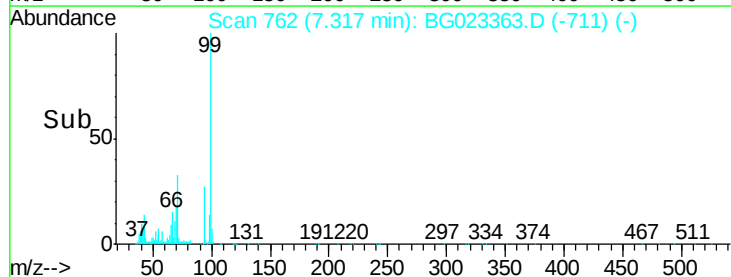
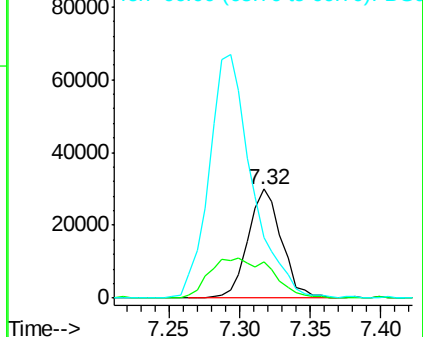
66 55.3 42.1 82.1

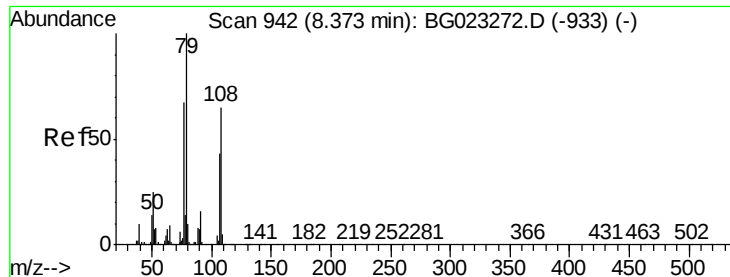


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.62 ng

RT: 8.46 min Scan# 957

Delta R.T. 0.08 min

Lab File: BG023363.D

Acq: 30 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

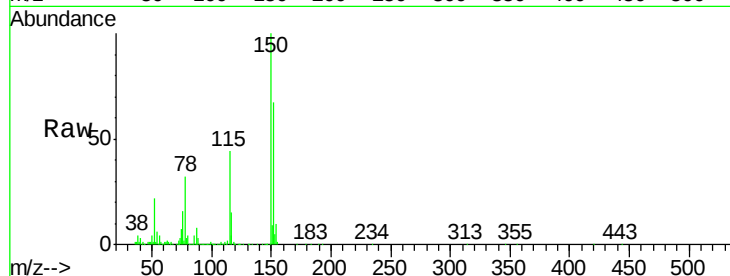
Tot Ion: 79 Resp: 22664

Ion Ratio Lower Upper

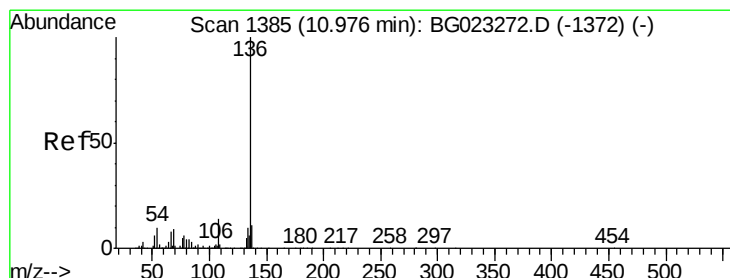
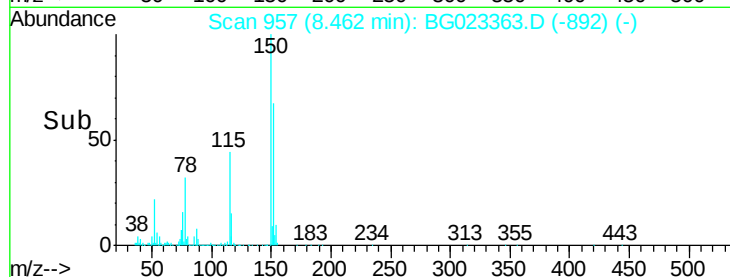
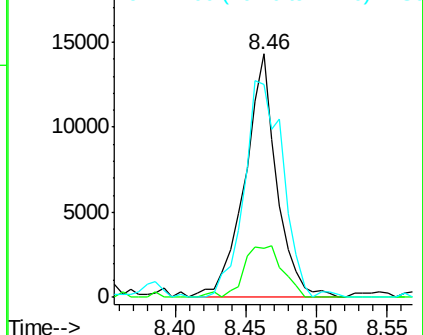
79 100

108 20.0 46.5 69.7#

77 87.5 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: BG023363.D

Acq: 30 Jul 2016 18:49

Tgt Ion: 136 Resp: 730907

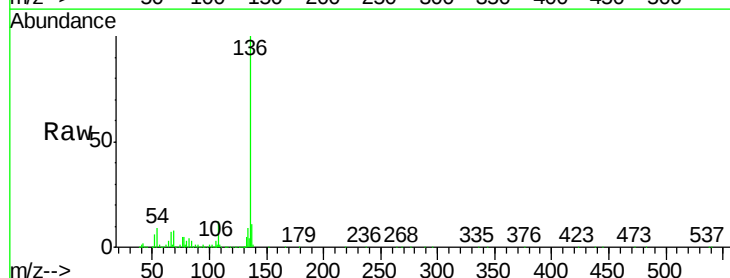
Ion Ratio Lower Upper

136 100

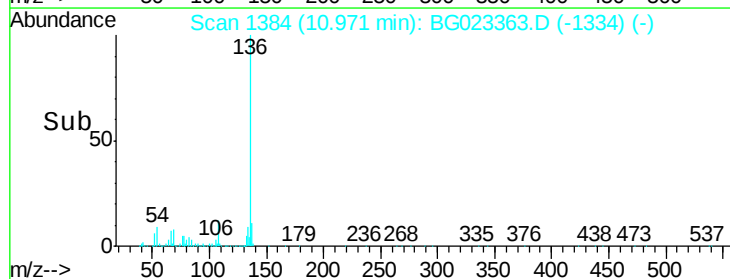
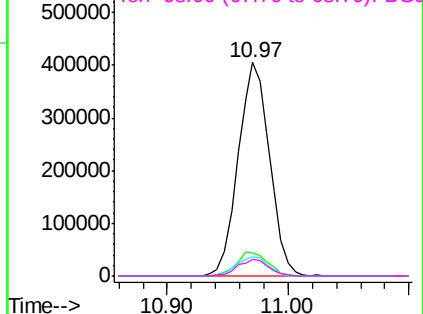
137 10.9 9.6 14.4

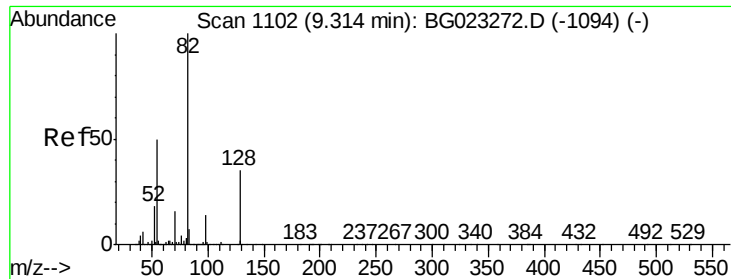
54 9.1 7.3 10.9

68 7.8 5.3 7.9



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

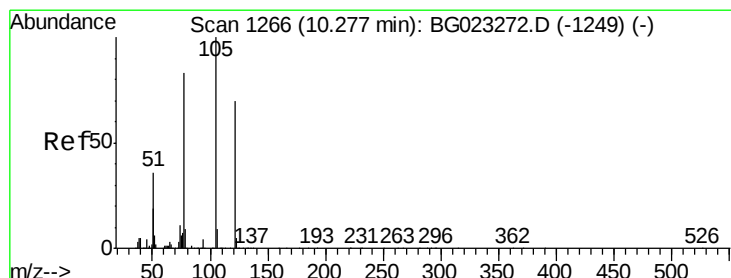
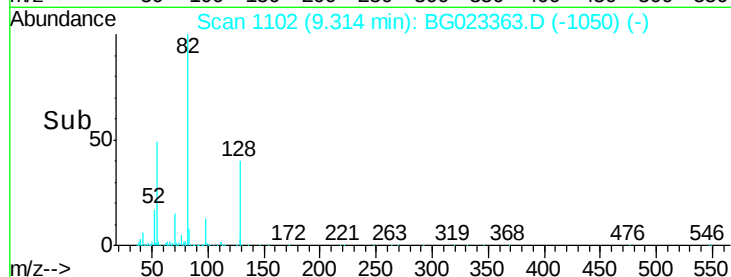
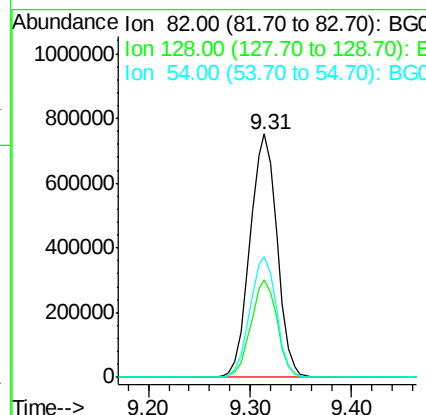
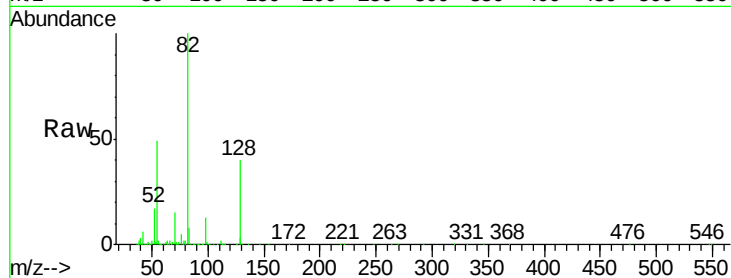




#23
Nitrobenzene-d5
Concen: 92.77 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023363.D
Acq: 30 Jul 2016 18:49

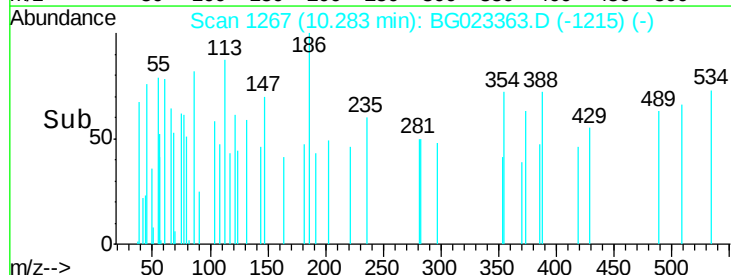
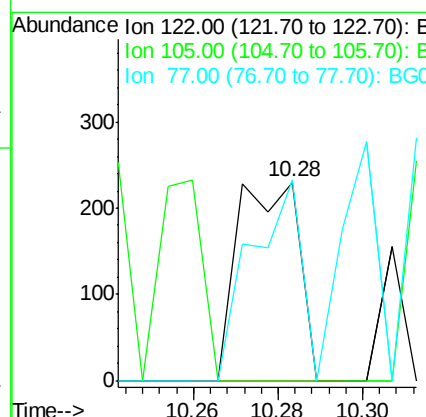
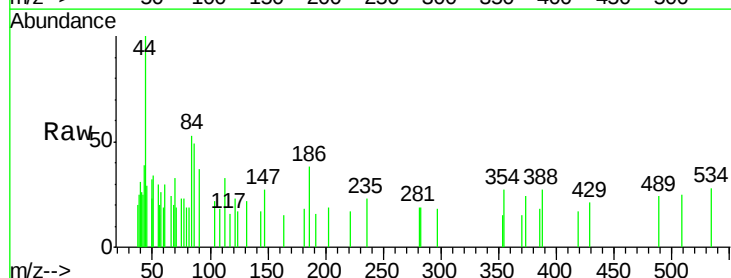
Instrument :
BNA_G
ClientSampleId :

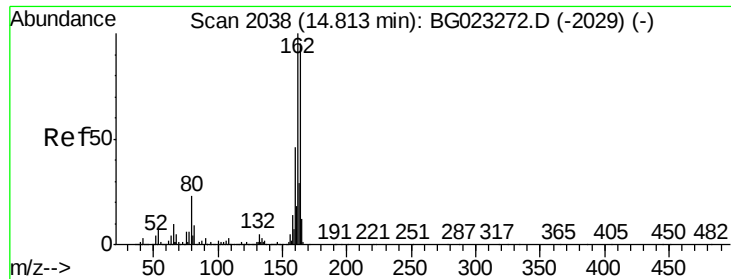
Tot Ion: 82 Resp: 1386605
Ion Ratio Lower Upper
82 100
128 40.0 24.4 36.6#
54 49.4 41.4 62.0



#32
Benzoic acid
Concen: 8.13 ng
RT: 10.28 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BG023363.D
Acq: 30 Jul 2016 18:49

Tgt Ion: 122 Resp: 231
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 100.9 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG023363.D

Acq: 30 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

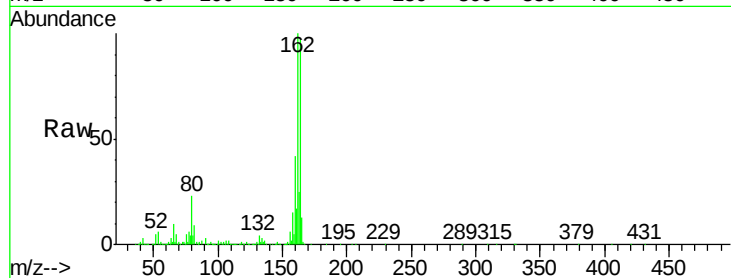
Tot Ion:164 Resp: 556223

Ion Ratio Lower Upper

164 100

162 102.9 87.7 131.5

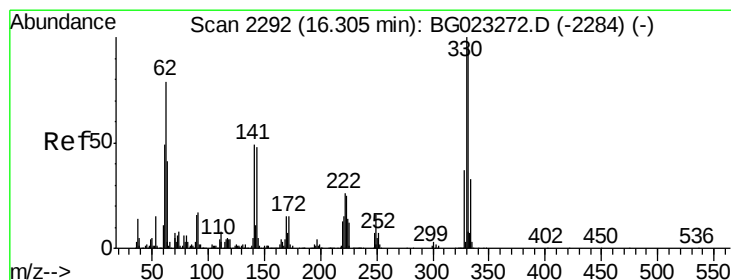
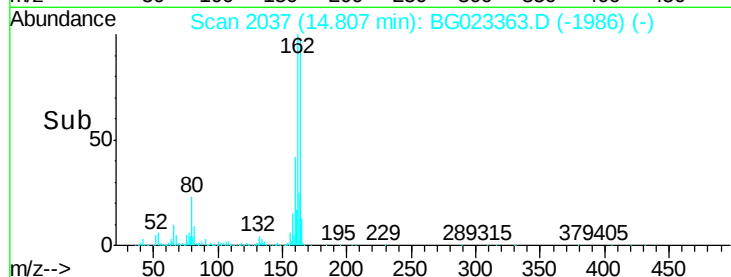
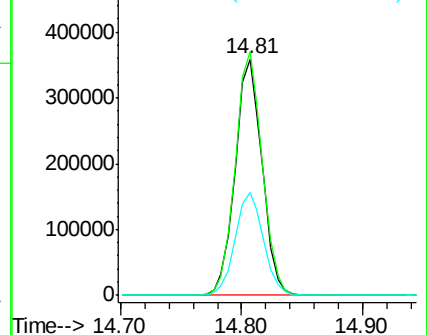
160 43.4 37.2 55.8



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: 179.83 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG023363.D

Acq: 30 Jul 2016 18:49

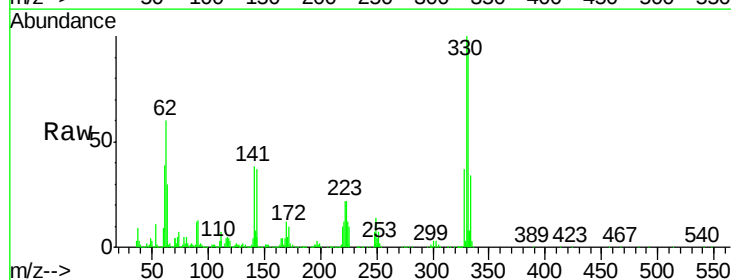
Tgt Ion:330 Resp: 1035297

Ion Ratio Lower Upper

330 100

332 99.7 77.4 116.2

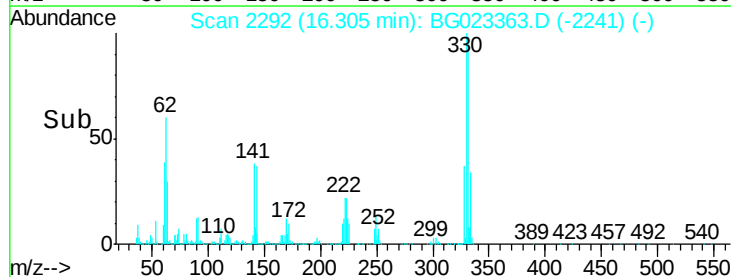
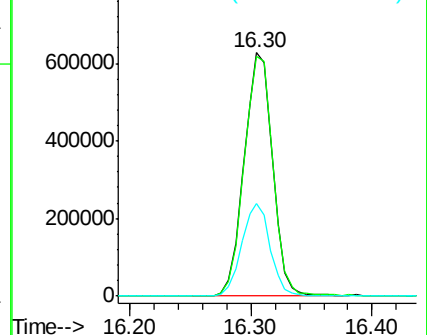
141 37.8 31.7 47.5

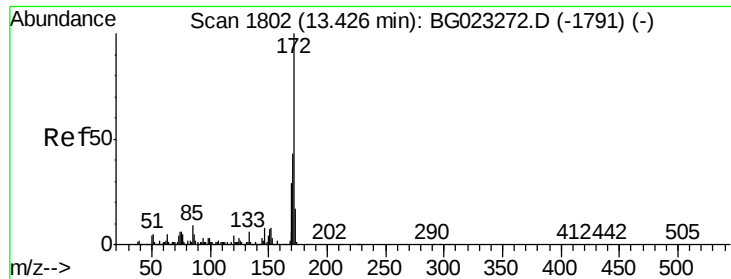


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

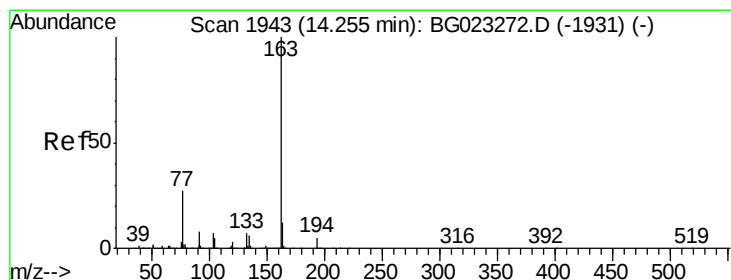
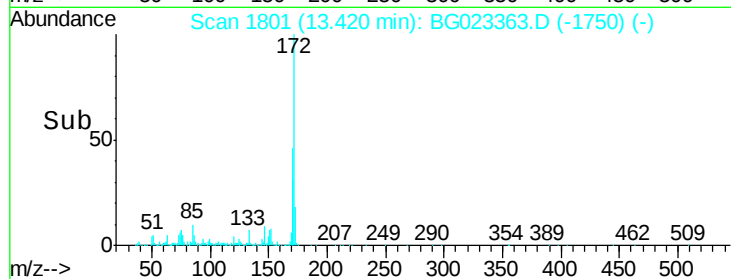
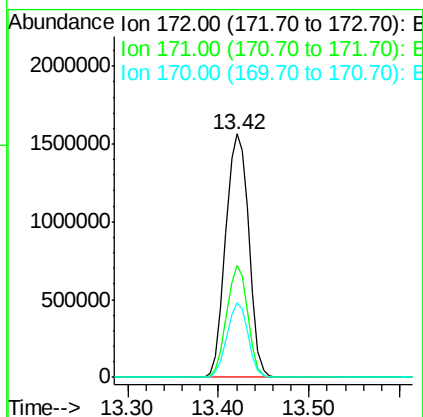
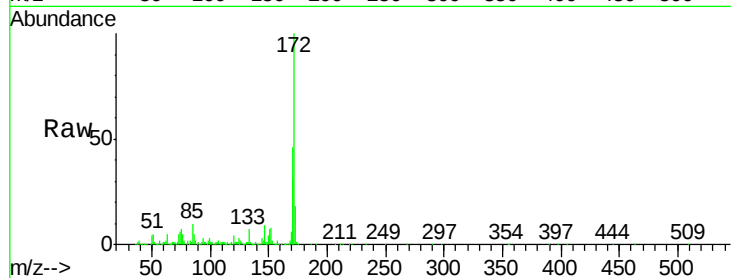




#44
2-Fluorobiphenyl
Concen: 93.23 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG023363.D
Acq: 30 Jul 2016 18:49

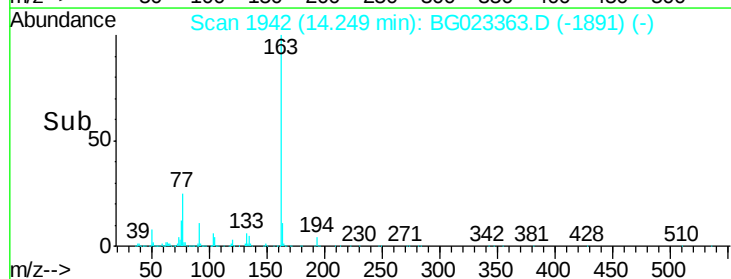
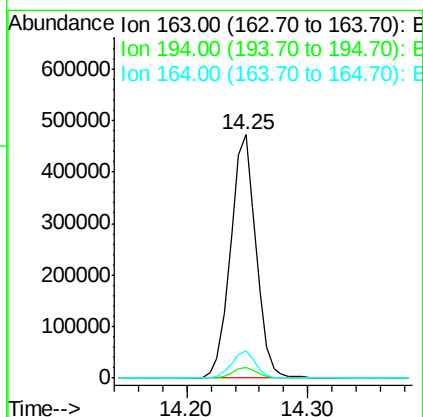
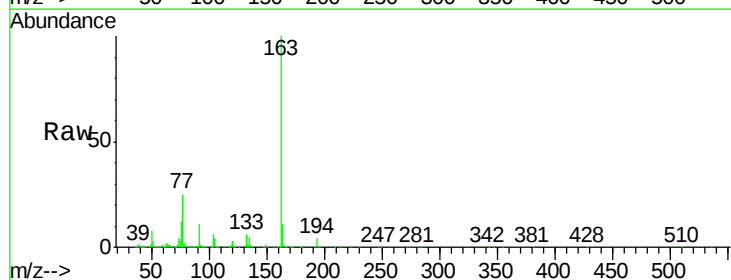
Instrument :
BNA_G
ClientSampleId :

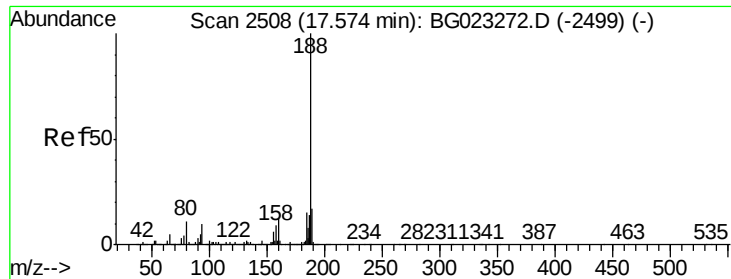
Tot Ion:172 Resp: 2770577
Ion Ratio Lower Upper
172 100
171 45.7 31.6 47.4
170 30.6 21.3 31.9



#49
Dimethylphthalate
Concen: 16.83 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG023363.D
Acq: 30 Jul 2016 18:49

Tgt Ion:163 Resp: 690687
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 11.3 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG023363.D

Acq: 30 Jul 2016 18:49

Instrument :

BNA_G

ClientSampleId :

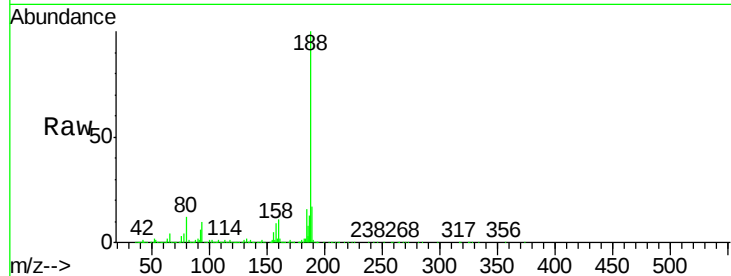
Tot Ion:188 Resp: 1221642

Ion Ratio Lower Upper

188 100

94 10.4 5.2 7.8#

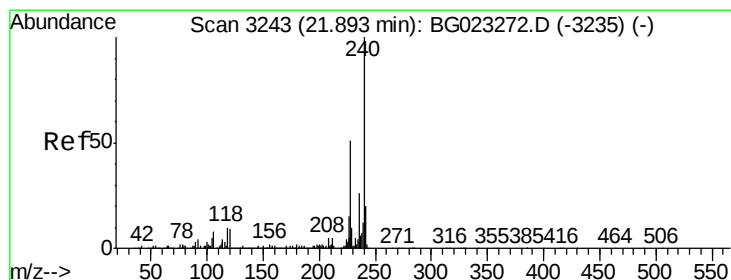
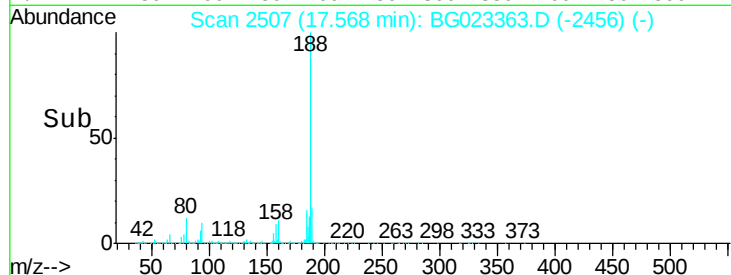
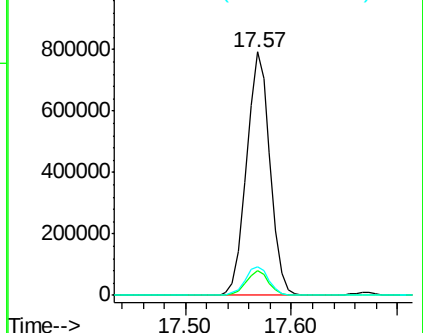
80 12.0 7.2 10.8#



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# 3242

Delta R.T. -0.00 min

Lab File: BG023363.D

Acq: 30 Jul 2016 18:49

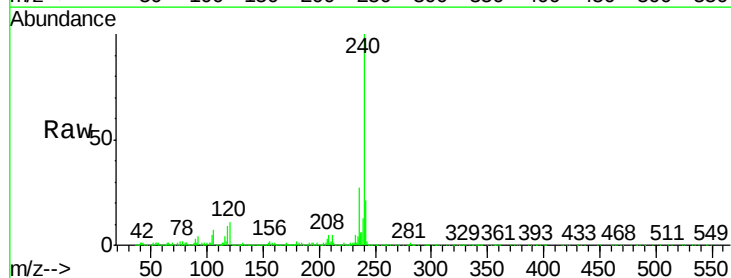
Tgt Ion:240 Resp: 957481

Ion Ratio Lower Upper

240 100

120 10.5 4.1 6.1#

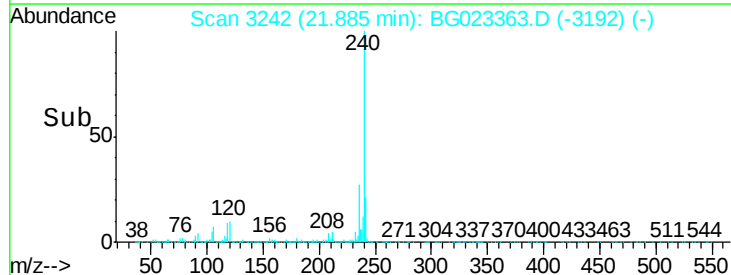
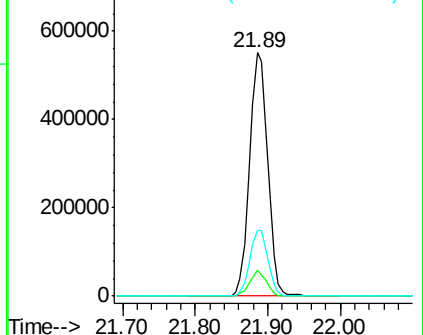
236 26.8 21.1 31.7

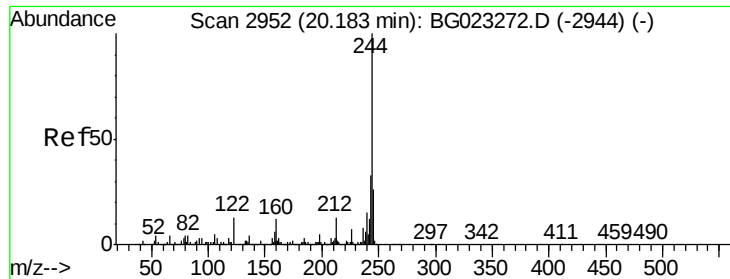


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.99 ng

RT: 20.18 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG023363.D

Acq: 30 Jul 2016 18:49

Instrument :

BNA_G

ClientSampled :

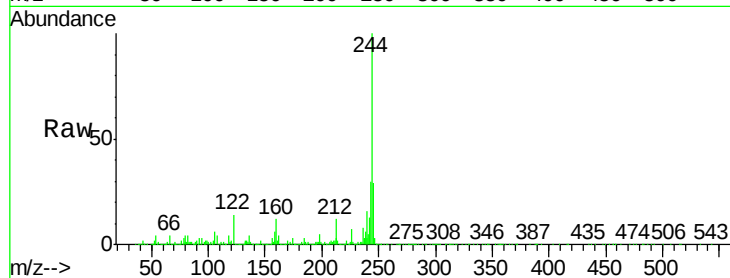
Tot Ion:244 Resp: 2827428

Ion Ratio Lower Upper

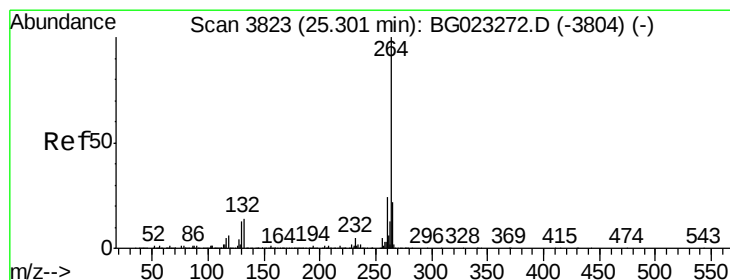
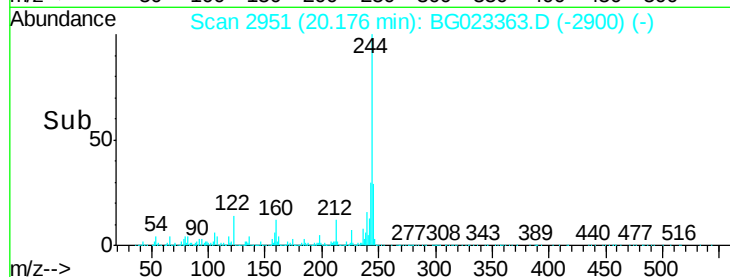
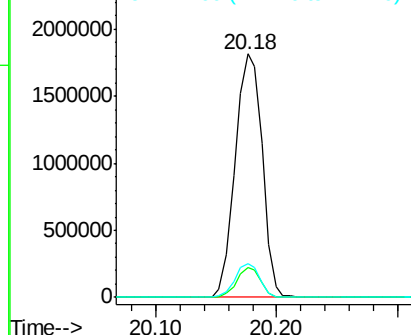
244 100

212 12.5 10.8 16.2

122 13.8 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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.29 min Scan# 3822

Delta R.T. -0.01 min

Lab File: BG023363.D

Acq: 30 Jul 2016 18:49

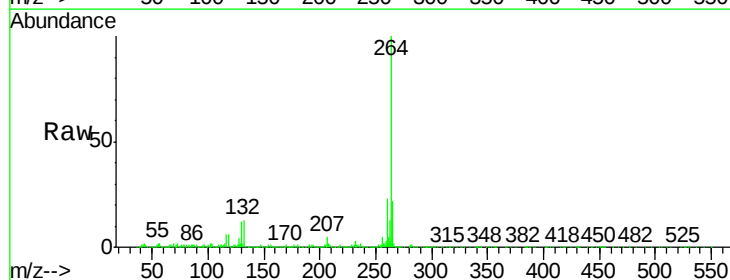
Tgt Ion:264 Resp: 959093

Ion Ratio Lower Upper

264 100

260 22.5 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

