

Data Path : Z:\HPCHEM1\BNA G\DATA\BG090816\
 Data File : BG023965.D
 Acq On : 8 Sep 2016 12:08
 Operator : UM/SJ
 Sample : H4680-27
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 08 14:01:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

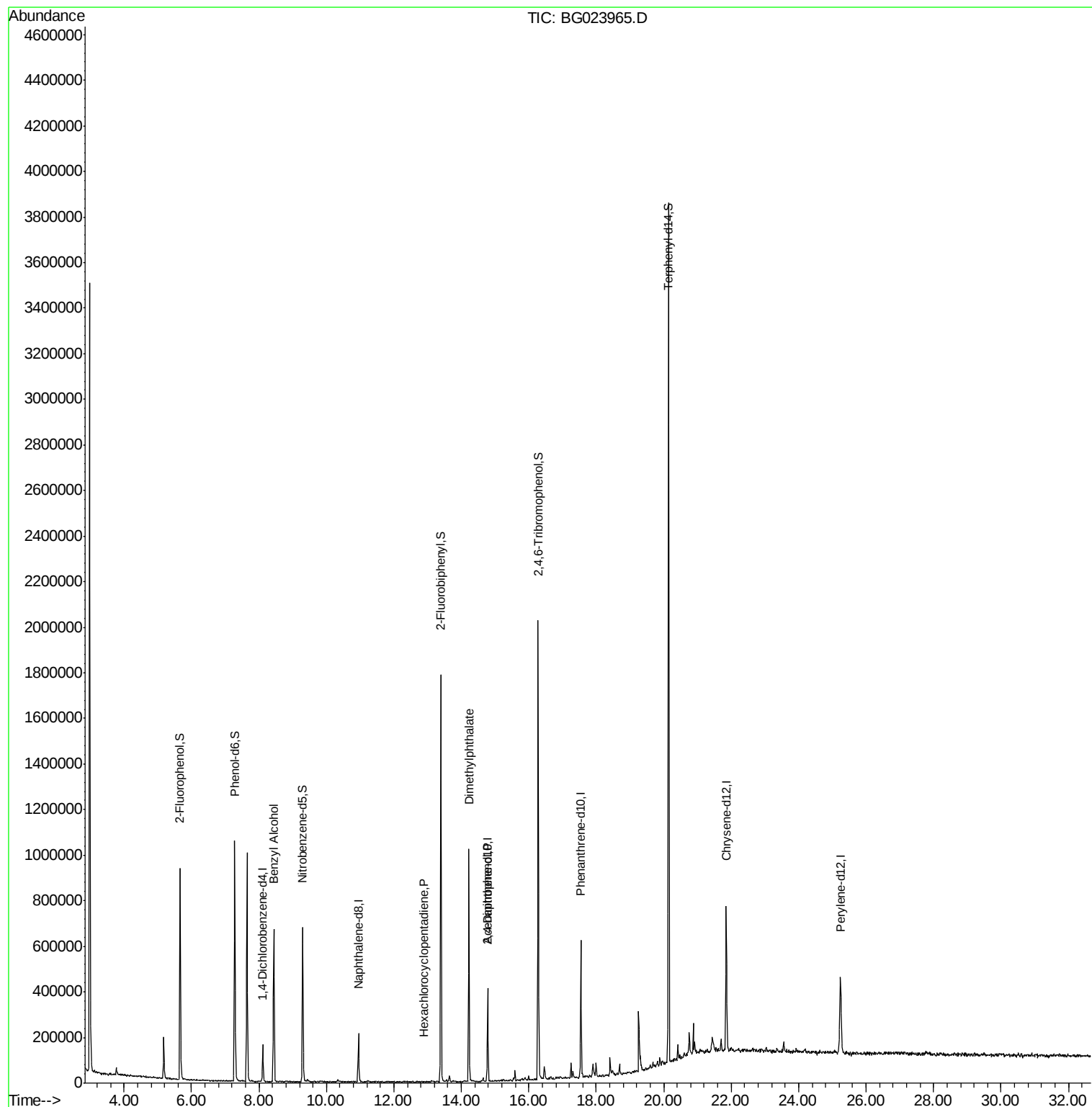
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	37664	20.00	ng	0.03
21) Naphthalene-d8	10.95	136	172045	20.00	ng	0.02
38) Acenaphthene-d10	14.78	164	136990	20.00	ng	0.02
63) Phenanthrene-d10	17.54	188	362175	20.00	ng	0.02
75) Chrysene-d12	21.85	240	382403	20.00	ng	0.01
86) Perylene-d12	25.24	264	401380	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	360699	168.14	ng	0.02
7) Phenol-d6	7.28	99	573395	173.64	ng	0.02
23) Nitrobenzene-d5	9.29	82	424388	110.12	ng	0.02
41) 2,4,6-Tribromophenol	16.28	330	372177	150.79	ng	0.02
44) 2-Fluorobiphenyl	13.39	172	895966	93.77	ng	0.02
78) Terphenyl-d14	20.14	244	1530122	91.13	ng	0.01
Target Compounds						
15) Benzyl Alcohol	8.44	79	7886	2.71	ng	# 74
40) Hexachlorocyclopentadiene	12.90	237	61	7.10	ng	# 26
49) Dimethylphthalate	14.22	163	571921	48.69	ng	99
53) 2,4-Dinitrophenol	14.78	184	55	6.54	ng	# 1

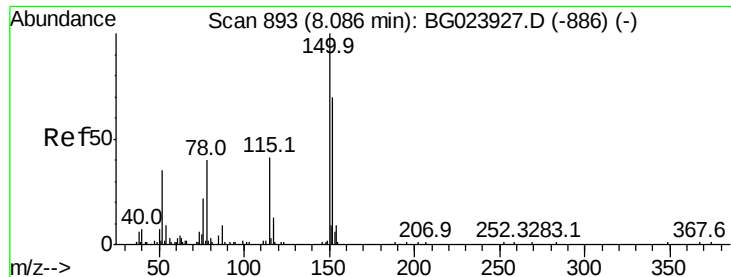
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG090816\
Data File : BG023965.D
Acq On : 8 Sep 2016 12:08
Operator : UM/SJ
Sample : H4680-27
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 08 14:01:35 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 20:05:47 2016
Response via : Initial Calibration



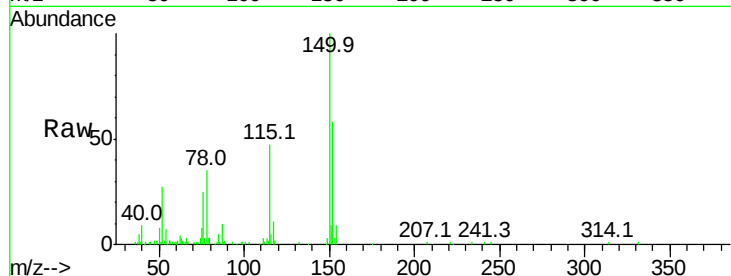


#1

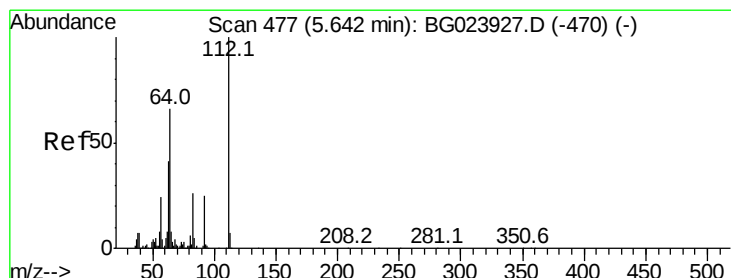
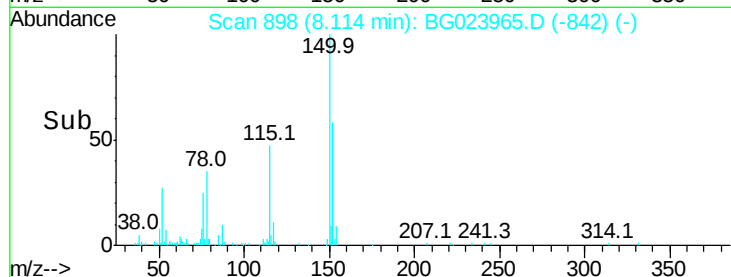
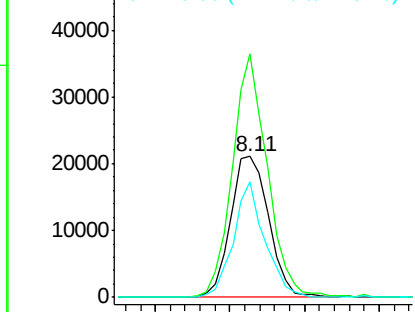
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. 0.03 min
Lab File: BG023965.D
Acq: 8 Sep 2016 12:08

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	172.8	144.7	217.1
115	81.8	64.0	96.0



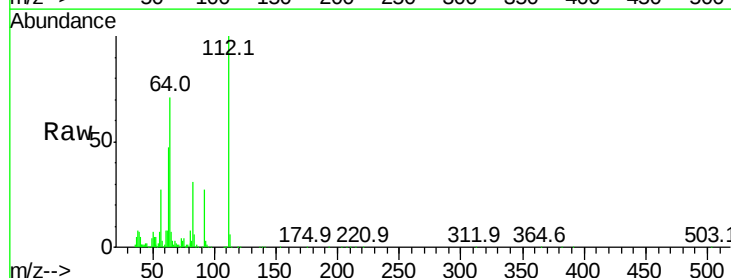
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



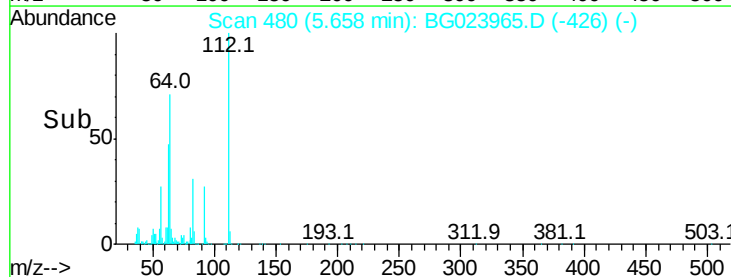
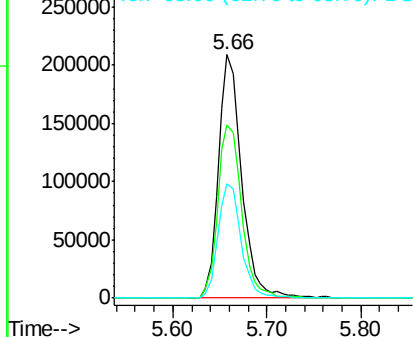
#5

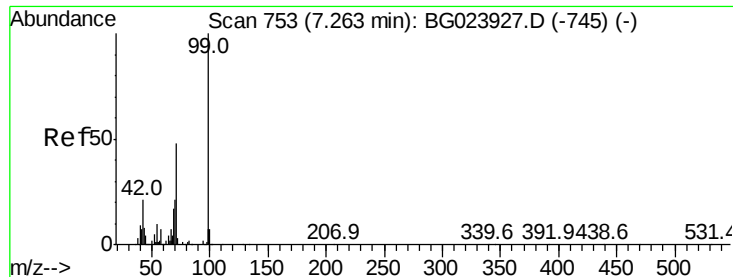
2-Fluorophenol
Concen: 168.14 ng
RT: 5.66 min Scan# 480
Delta R.T. 0.02 min
Lab File: BG023965.D
Acq: 8 Sep 2016 12:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.2	59.0	88.4
63	46.8	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: 173.64 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.02 min

Lab File: BG023965.D

Acq: 8 Sep 2016 12:08

Instrument :

BNA_G

ClientSampleId :

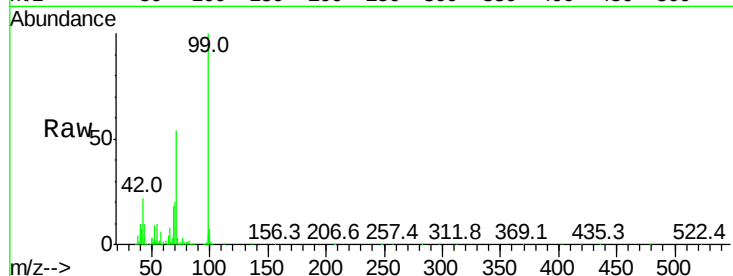
Tot Ion: 99 Resp: 573395

Ion Ratio Lower Upper

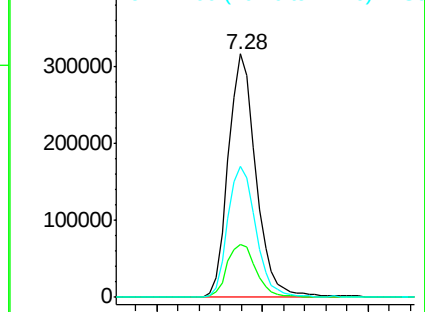
99 100

42 21.6 17.8 26.6

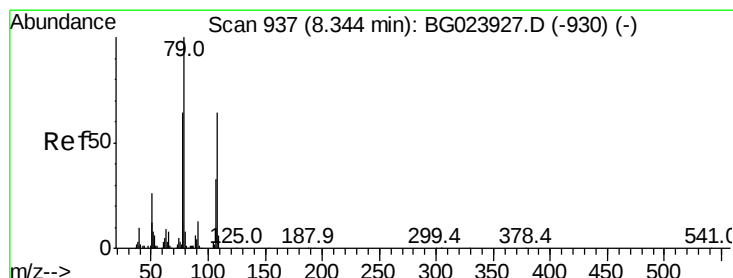
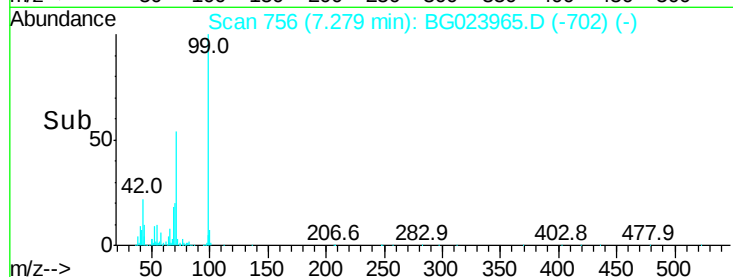
71 53.9 41.5 62.3



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



Time-->



#15

Benzyl Alcohol

Concen: 2.71 ng

RT: 8.44 min Scan# 954

Delta R.T. 0.10 min

Lab File: BG023965.D

Acq: 8 Sep 2016 12:08

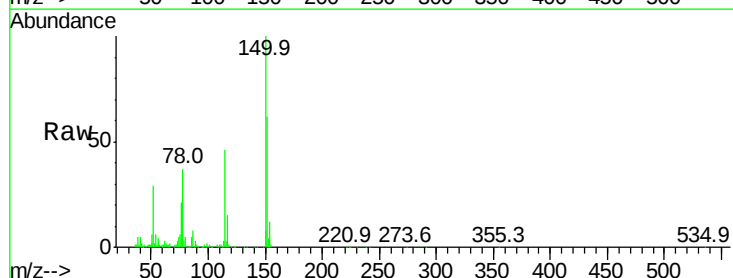
Tgt Ion: 79 Resp: 7886

Ion Ratio Lower Upper

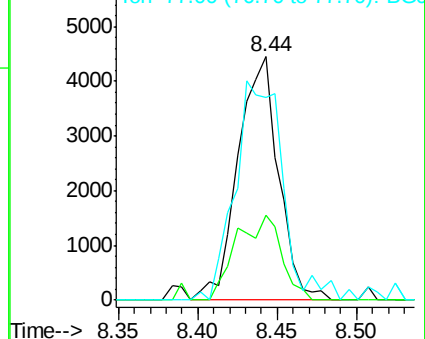
79 100

108 35.1 46.5 69.7#

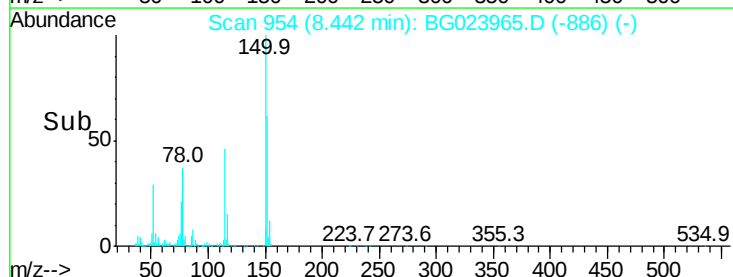
77 83.2 52.3 78.5#

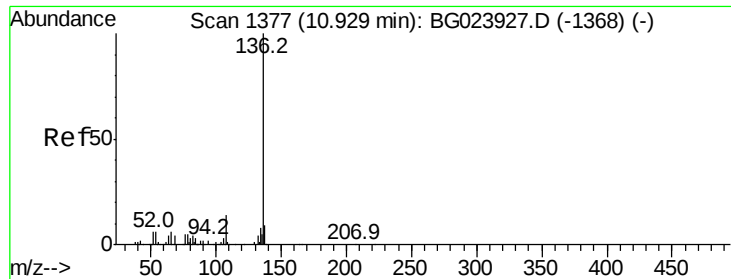


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.95 min Scan# 1381

Delta R.T. 0.02 min

Lab File: BG023965.D

Acq: 8 Sep 2016 12:08

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 172045

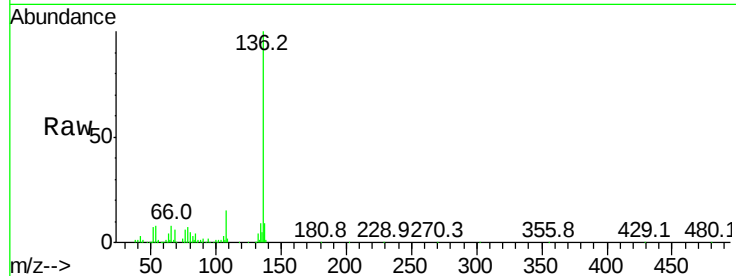
Ion Ratio Lower Upper

136 100

137 9.2 9.6 14.4#

54 7.9 7.3 10.9

68 6.0 5.3 7.9

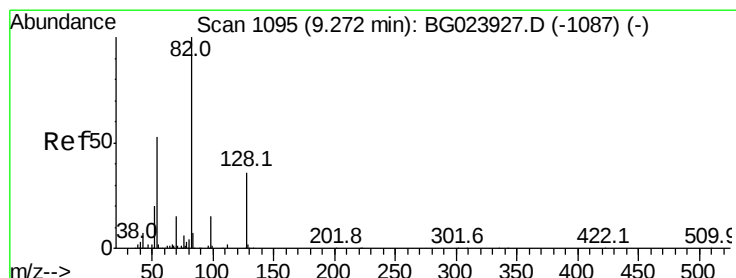
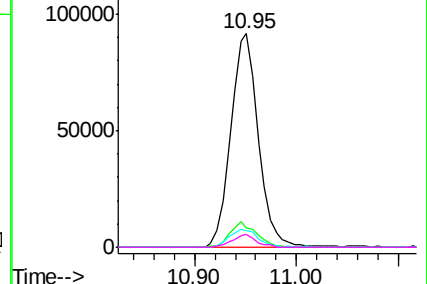
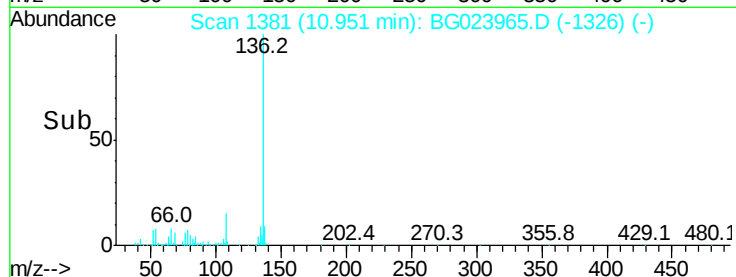


Abundance Ion 136.00 (135.70 to 136.70): E

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: 110.12 ng

RT: 9.29 min Scan# 1099

Delta R.T. 0.02 min

Lab File: BG023965.D

Acq: 8 Sep 2016 12:08

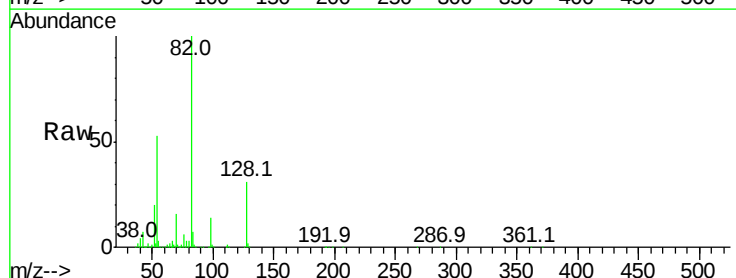
Tgt Ion: 82 Resp: 424388

Ion Ratio Lower Upper

82 100

128 30.8 24.4 36.6

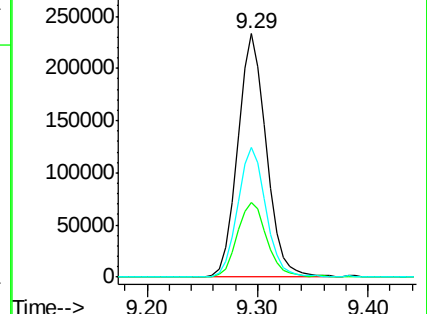
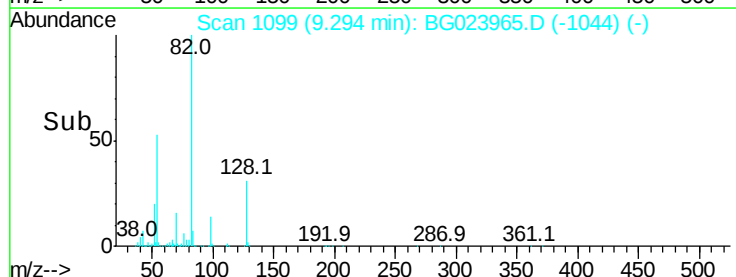
54 53.2 41.4 62.0

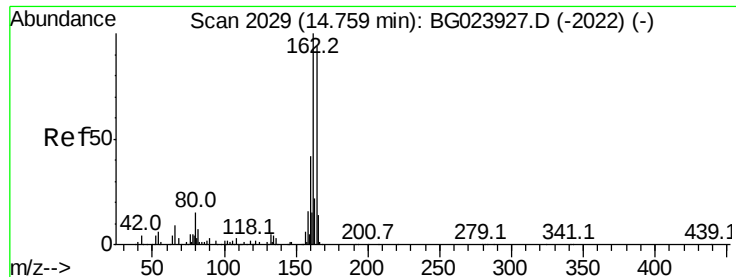


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 2032

Delta R.T. 0.02 min

Lab File: BG023965.D

Acq: 8 Sep 2016 12:08

Instrument :

BNA_G

ClientSampleId :

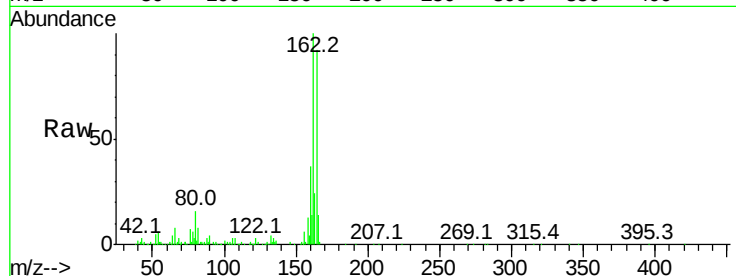
Tot Ion:164 Resp: 136990

Ion Ratio Lower Upper

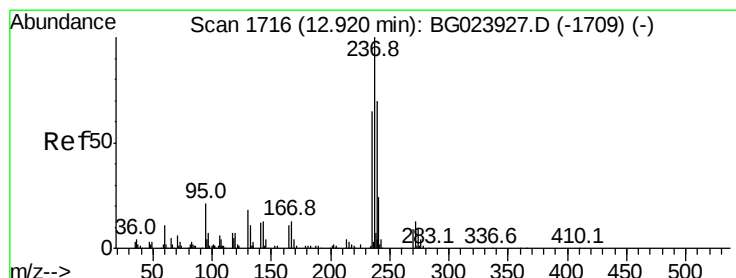
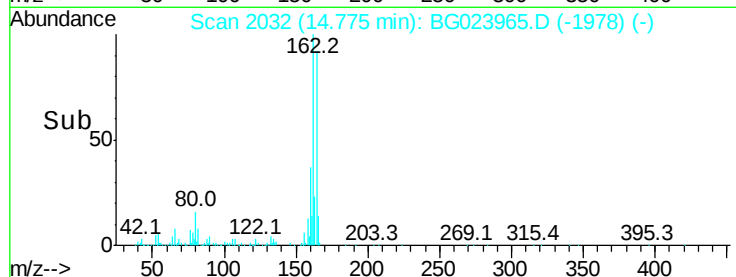
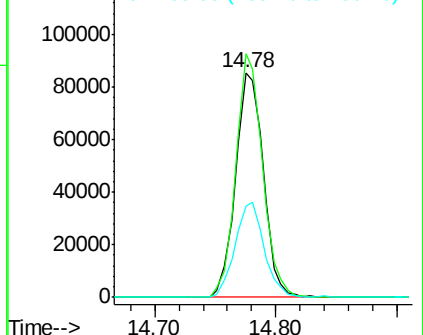
164 100

162 108.3 87.7 131.5

160 40.4 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



#40

Hexachlorocyclopentadiene

Concen: 7.10 ng

RT: 12.90 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BG023965.D

Acq: 8 Sep 2016 12:08

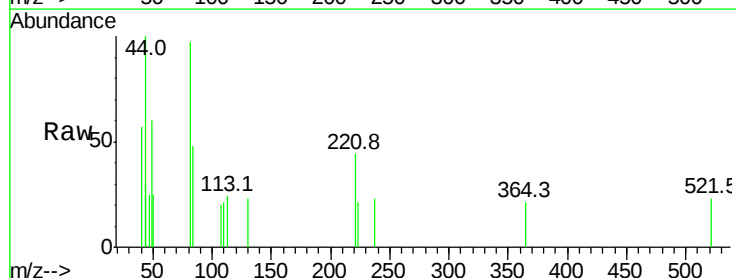
Tgt Ion:237 Resp: 61

Ion Ratio Lower Upper

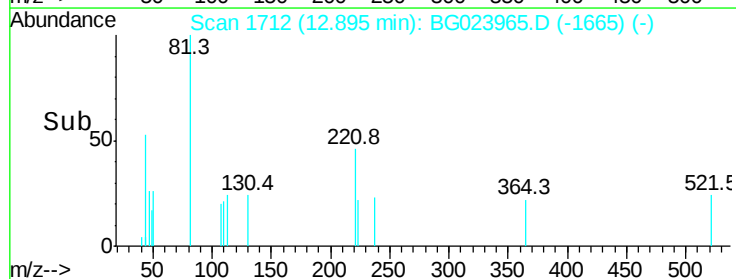
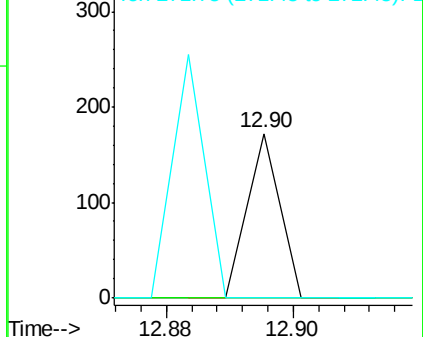
237 100

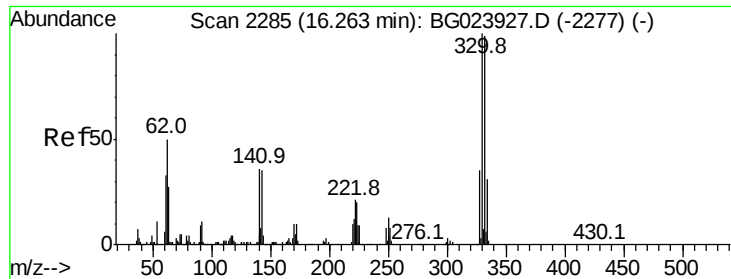
235 0.0 43.1 83.1#

272 0.0 0.0 30.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

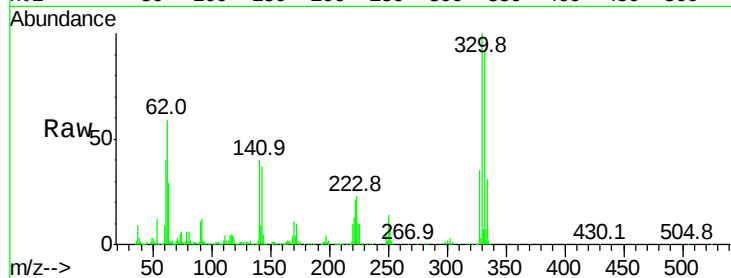




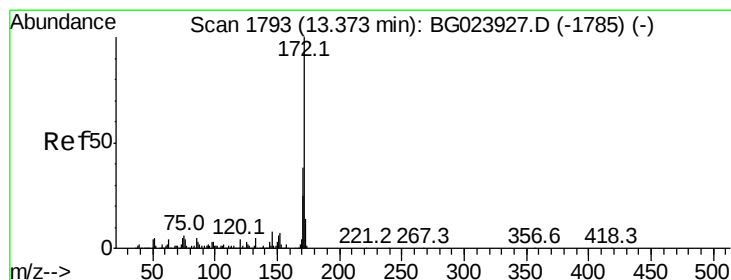
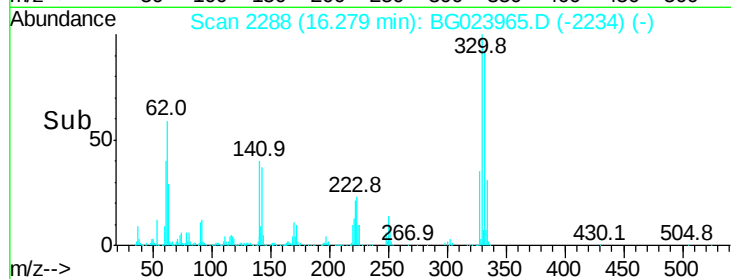
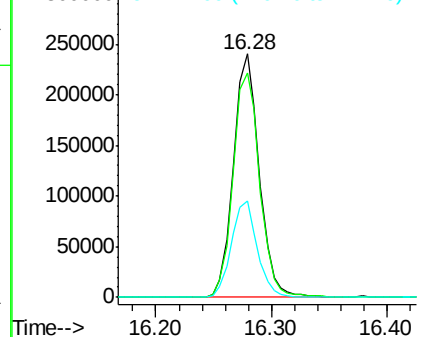
#41
 2,4,6-Tribromophenol
 Concen: 150.79 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. 0.02 min
 Lab File: BG023965.D
 Acq: 8 Sep 2016 12:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.2
141	39.8	31.7	47.5

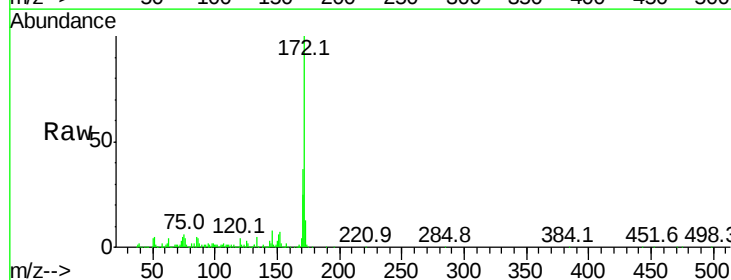


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

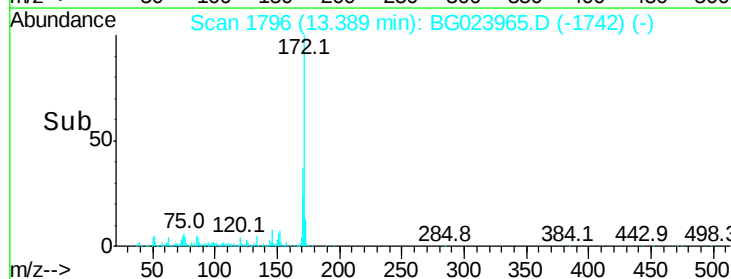
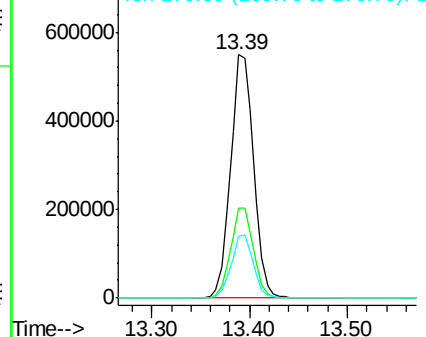


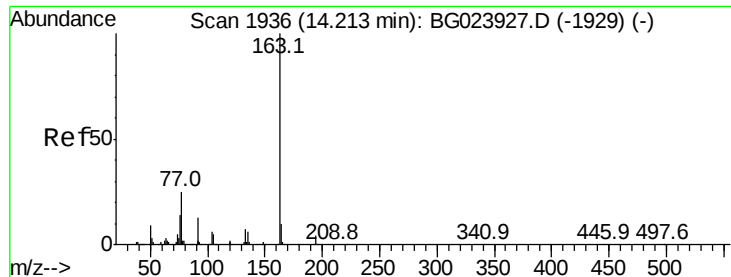
#44
 2-Fluorobiphenyl
 Concen: 93.77 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. 0.02 min
 Lab File: BG023965.D
 Acq: 8 Sep 2016 12:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	31.6	47.4
170	25.2	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: 48.69 ng

RT: 14.22 min Scan# 1938

Delta R.T. 0.01 min

Lab File: BG023965.D

Acq: 8 Sep 2016 12:08

Instrument :

BNA_G

ClientSampleId :

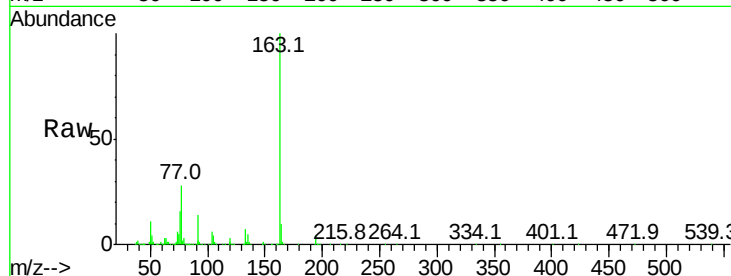
Tot Ion:163 Resp: 571921

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

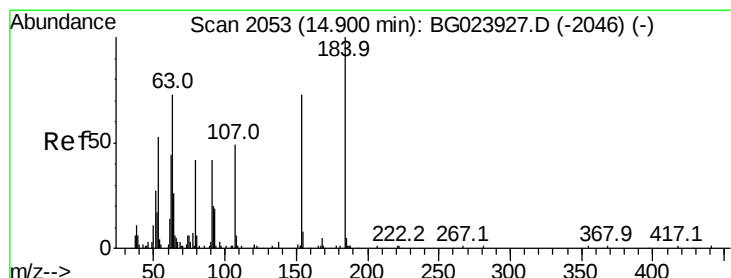
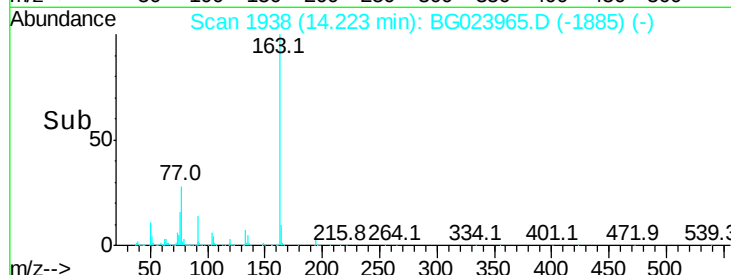
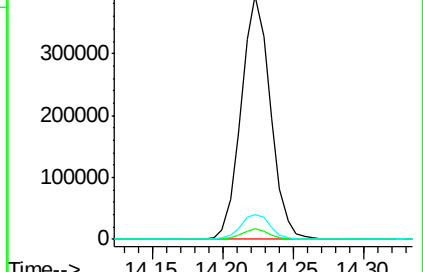
164 10.4 8.1 12.1



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



#53

2,4-Dinitrophenol

Concen: 6.54 ng

RT: 14.78 min Scan# 2032

Delta R.T. -0.12 min

Lab File: BG023965.D

Acq: 8 Sep 2016 12:08

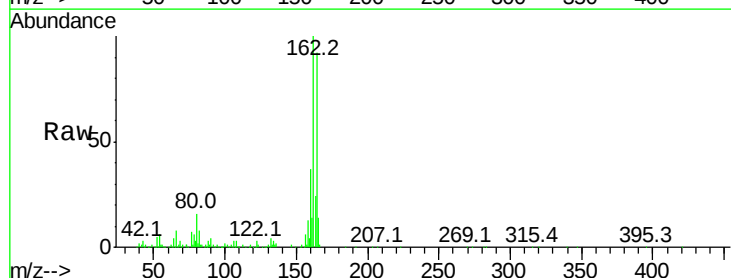
Tgt Ion:184 Resp: 55

Ion Ratio Lower Upper

184 100

63 273.1 59.6 89.4#

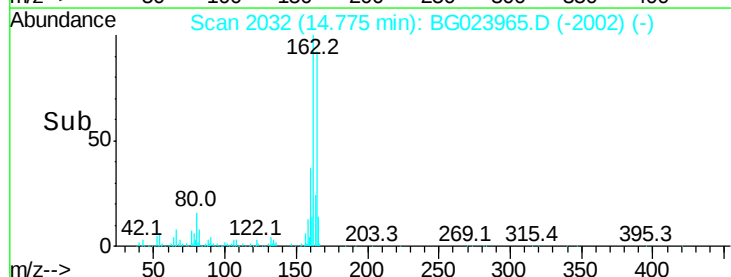
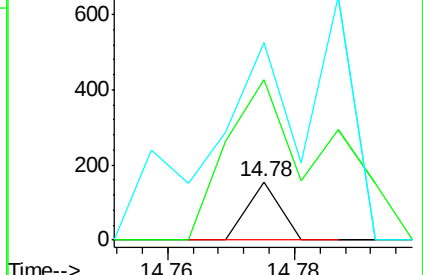
154 337.2 67.4 101.0#

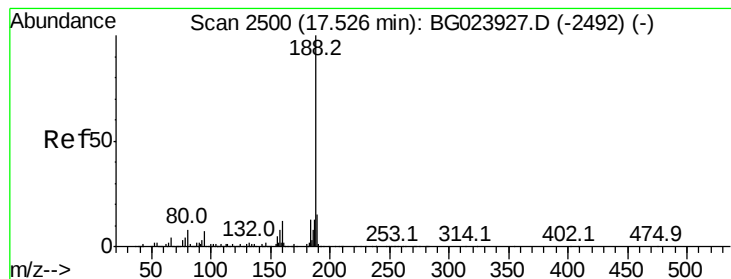


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2503

Delta R.T. 0.02 min

Lab File: BG023965.D

Acq: 8 Sep 2016 12:08

Instrument :

BNA_G

ClientSampleId :

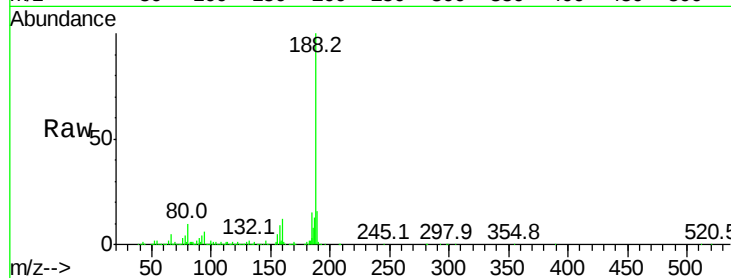
Tot Ion:188 Resp: 362175

Ion Ratio Lower Upper

188 100

94 6.0 5.2 7.8

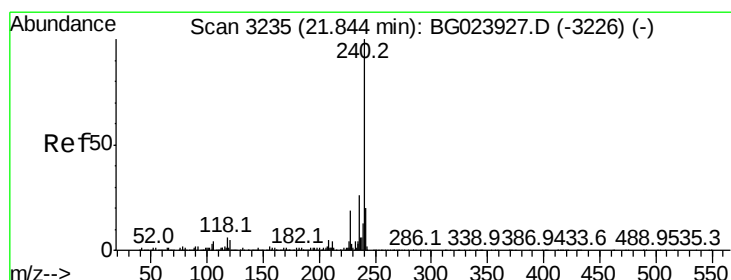
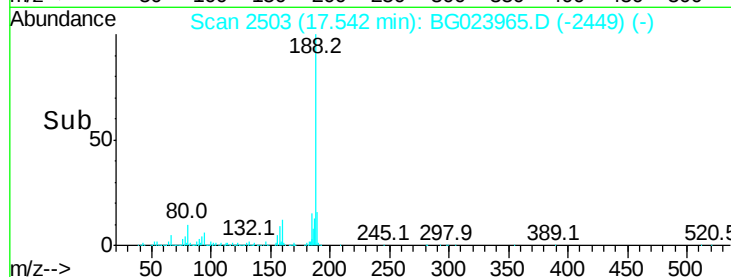
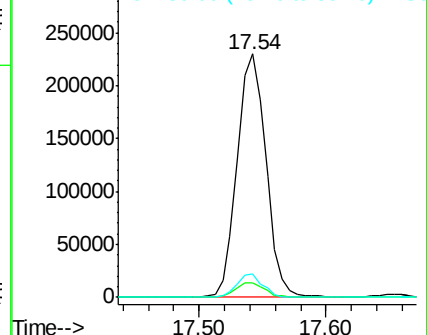
80 9.7 7.2 10.8



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# 3237

Delta R.T. 0.01 min

Lab File: BG023965.D

Acq: 8 Sep 2016 12:08

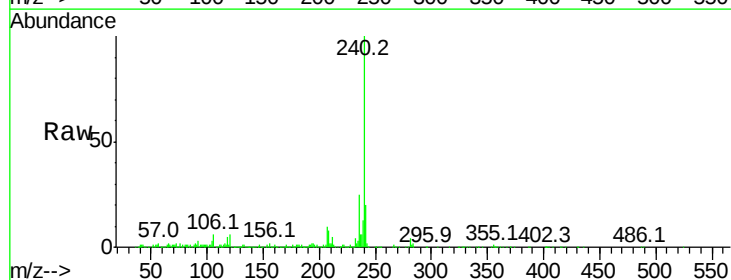
Tgt Ion:240 Resp: 382403

Ion Ratio Lower Upper

240 100

120 5.7 4.1 6.1

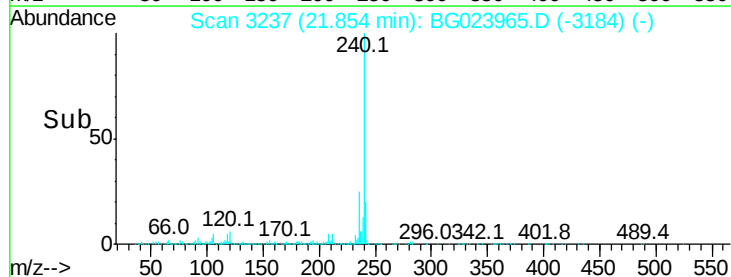
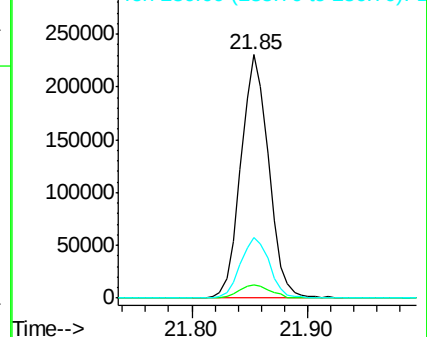
236 24.7 21.1 31.7

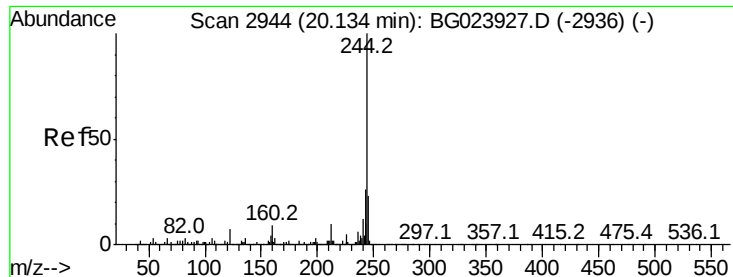


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.13 ng

RT: 20.14 min Scan# 2946

Delta R.T. 0.01 min

Lab File: BG023965.D

Acq: 8 Sep 2016 12:08

Instrument :

BNA_G

ClientSampled :

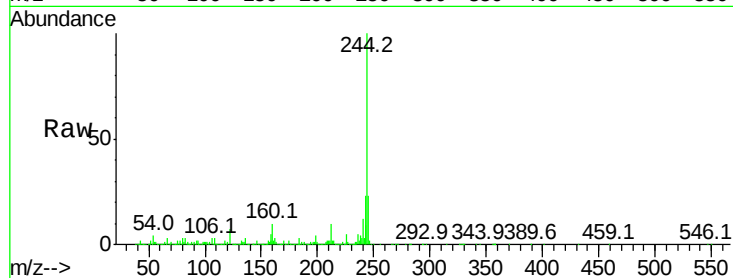
Tot Ion:244 Resp: 1530122

Ion Ratio Lower Upper

244 100

212 10.2 10.8 16.2#

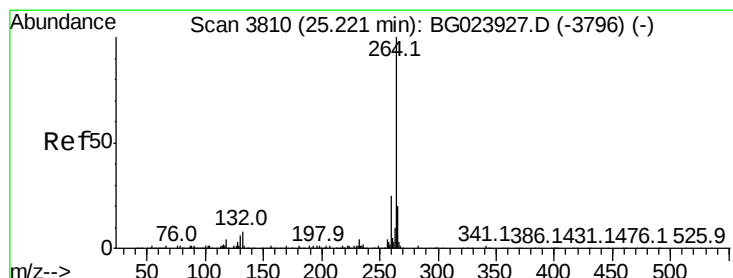
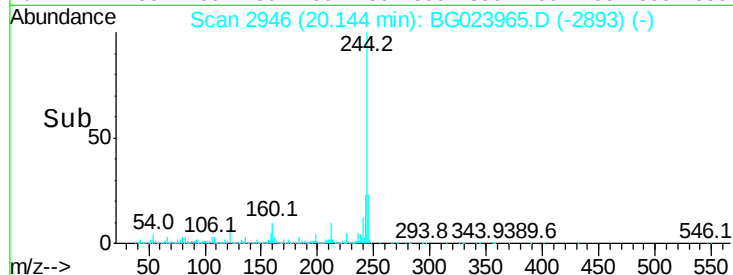
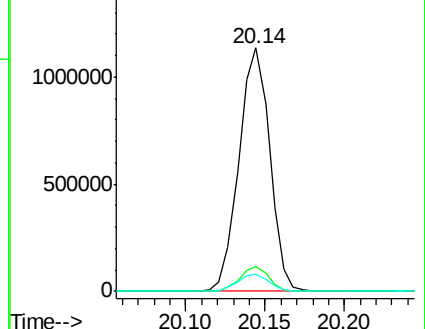
122 6.8 8.0 12.0#



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: 25.24 min Scan# 3814

Delta R.T. 0.02 min

Lab File: BG023965.D

Acq: 8 Sep 2016 12:08

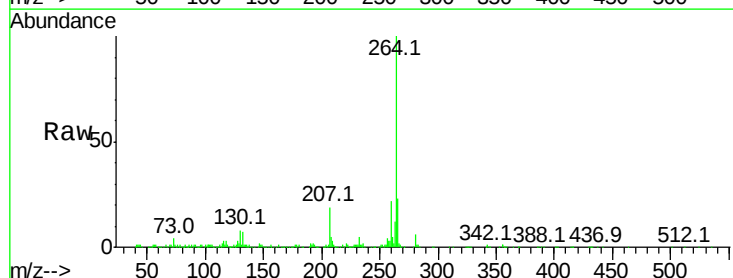
Tgt Ion:264 Resp: 401380

Ion Ratio Lower Upper

264 100

260 21.6 18.4 27.6

265 23.2 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

