

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
 Data File : BG023375.D
 Acq On : 31 Jul 2016 19:38
 Operator : UM/SJ
 Sample : H4285-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 01 01:27:56 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

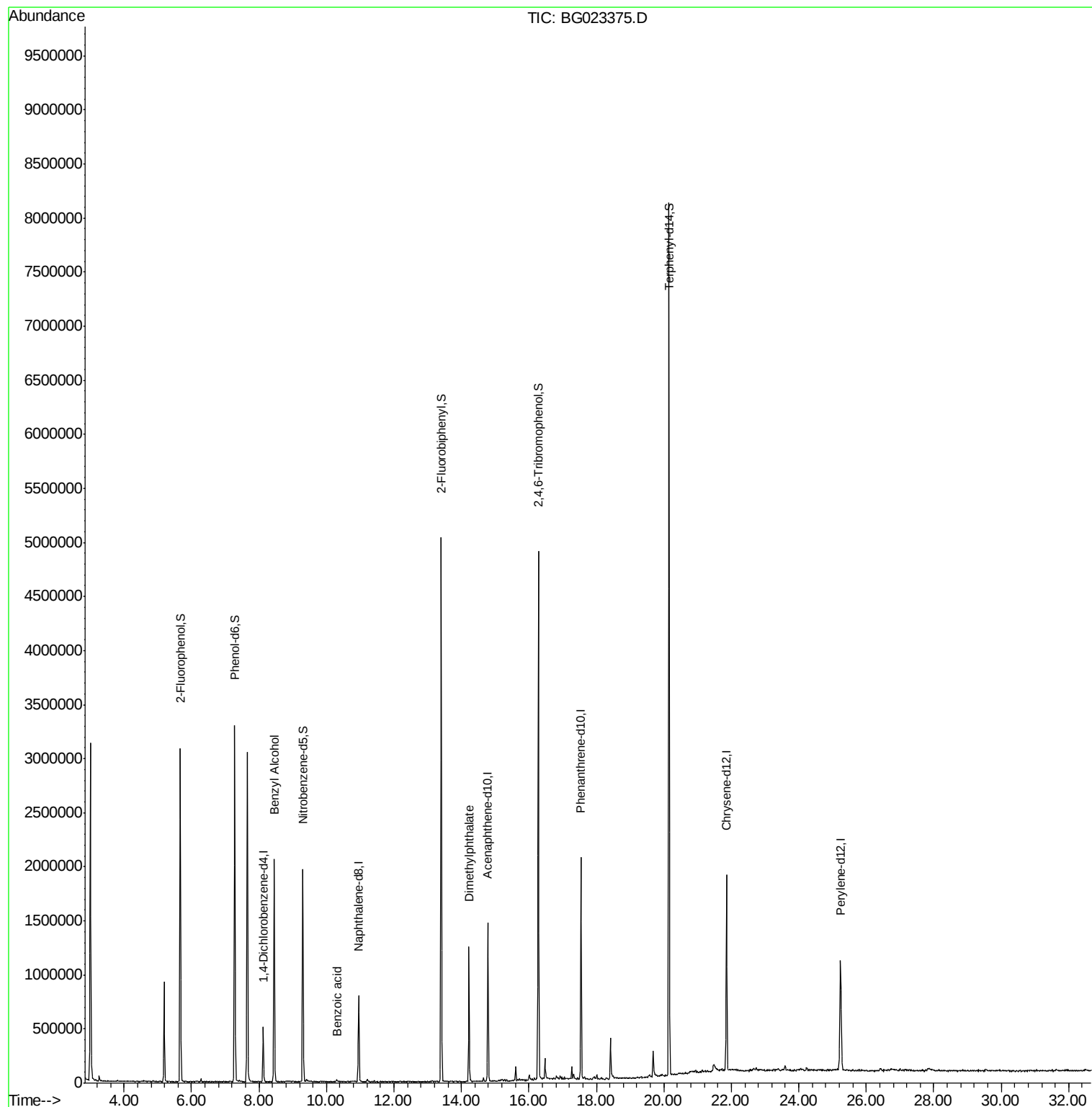
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	141155	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	683917	20.00	ng	-0.02
38) Acenaphthene-d10	14.79	164	494141	20.00	ng	-0.02
63) Phenanthrene-d10	17.55	188	1245490	20.00	ng	-0.02
75) Chrysene-d12	21.86	240	1086012	20.00	ng	-0.03
86) Perylene-d12	25.24	264	1126304	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	1315965	159.16	ng	0.00
7) Phenol-d6	7.28	99	1986508	156.49	ng	0.00
23) Nitrobenzene-d5	9.30	82	1281319	91.62	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	889250	173.87	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	2491546	94.37	ng	-0.02
78) Terphenyl-d14	20.16	244	2894011	86.63	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.45	79	19319	2.26	ng	# 70
32) Benzoic acid	10.32	122	68	8.12	ng	# 8
49) Dimethylphthalate	14.23	163	799330	21.92	ng	98

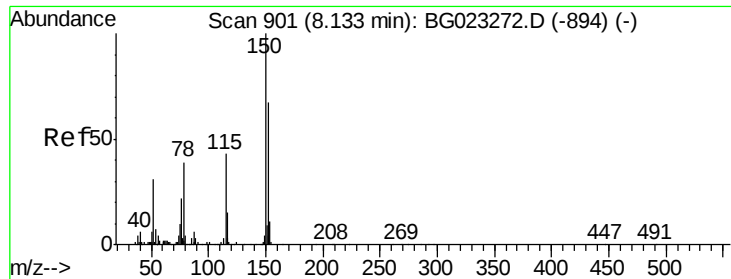
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 27 17:30:33 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 900

Delta R.T. -0.02 min

Lab File: BG023375.D

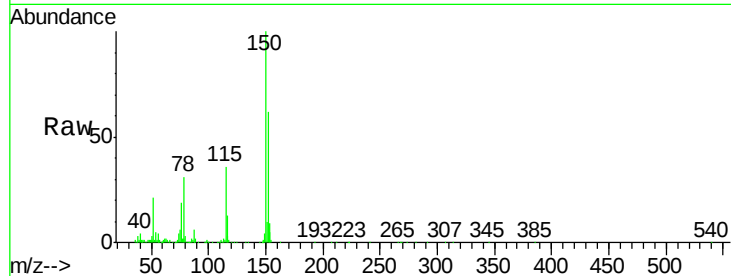
Acq: 31 Jul 2016 19:38

Instrument :

BNA_G

ClientSampleId :

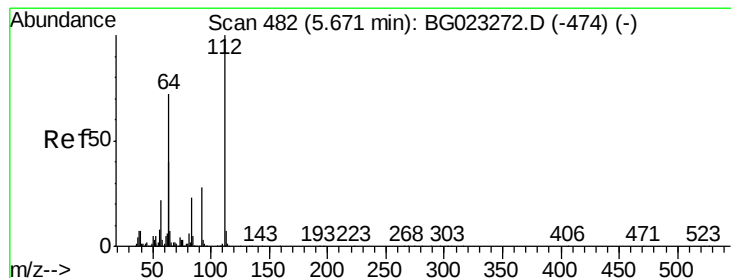
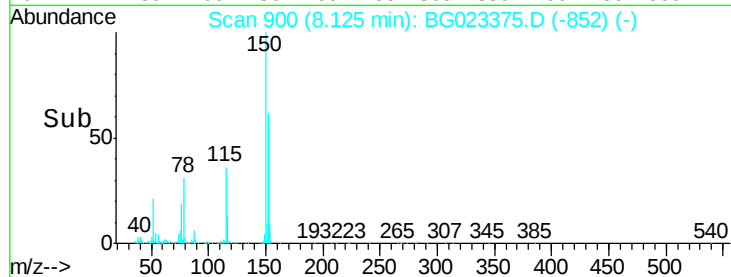
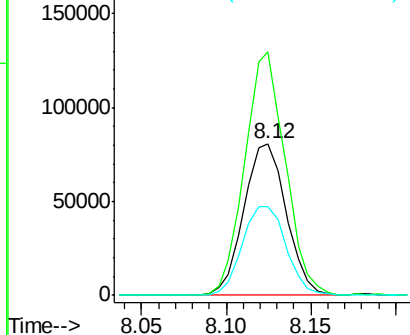
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	144.7	217.1
115	58.3	64.0	96.0



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: 159.16 ng

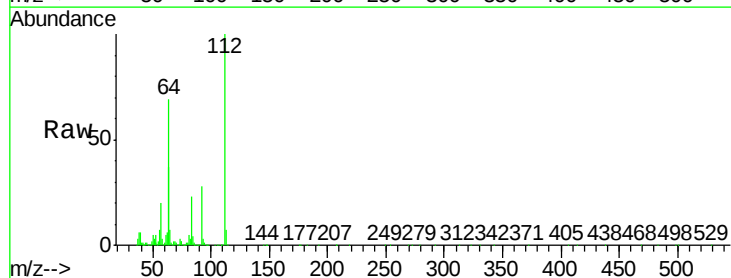
RT: 5.66 min Scan# 481

Delta R.T. -0.01 min

Lab File: BG023375.D

Acq: 31 Jul 2016 19:38

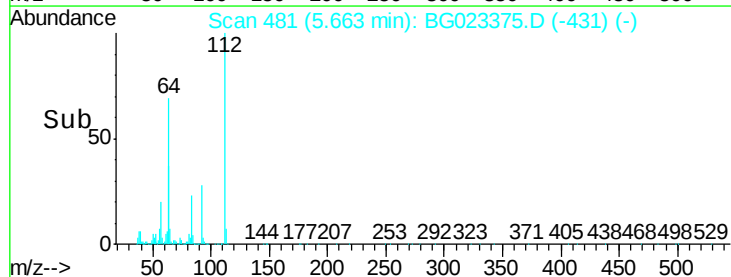
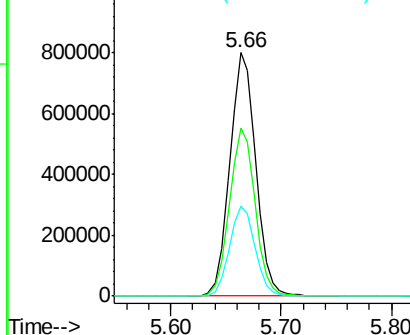
Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	59.0	88.4
63	36.8	37.8	56.8

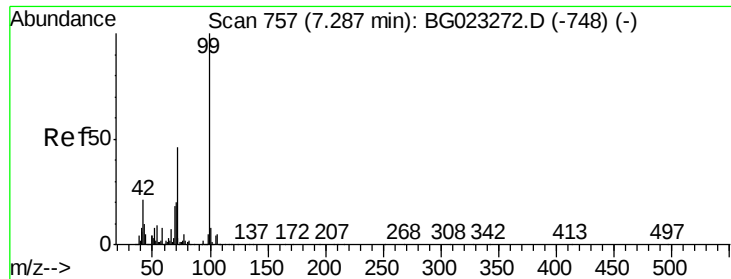


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 156.49 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG023375.D

Acq: 31 Jul 2016 19:38

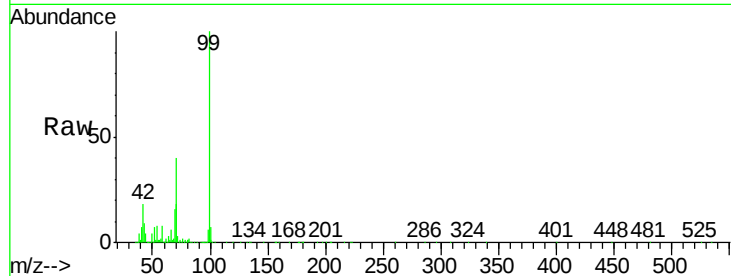
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 1986508

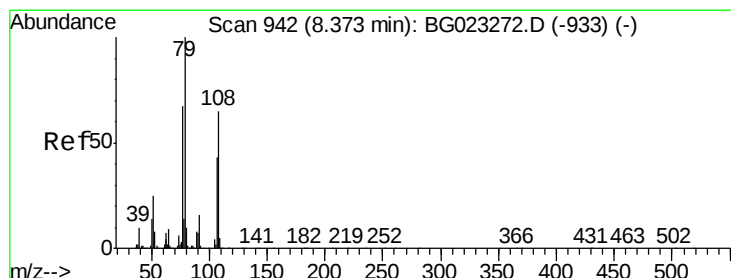
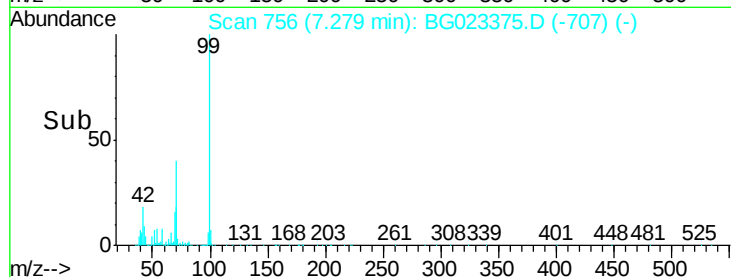
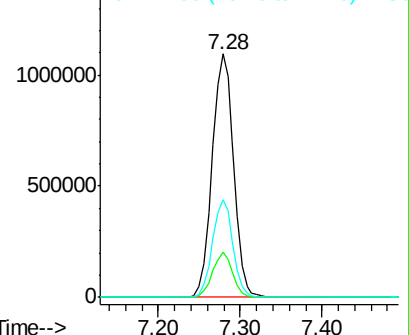
Ion	Ratio	Lower	Upper
99	100		
42	18.3	17.8	26.6
71	40.3	41.5	62.3



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: 2.26 ng

RT: 8.45 min Scan# 955

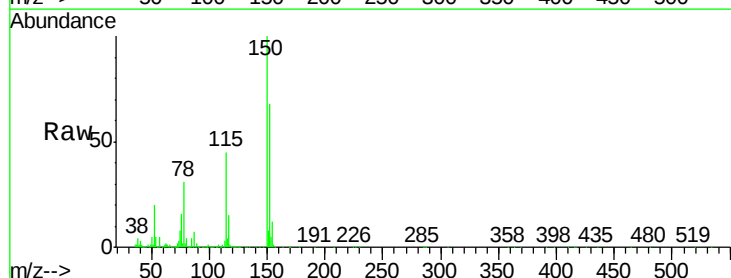
Delta R.T. 0.07 min

Lab File: BG023375.D

Acq: 31 Jul 2016 19:38

Tgt Ion: 79 Resp: 19319

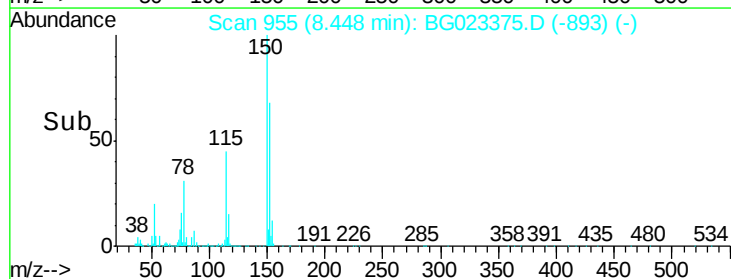
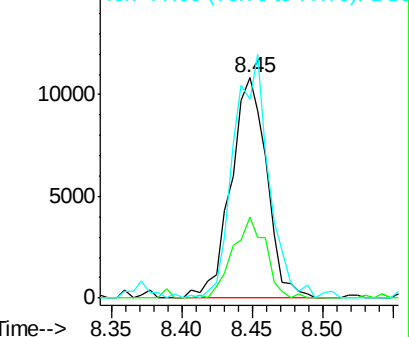
Ion	Ratio	Lower	Upper
79	100		
108	36.8	46.5	69.7
77	90.2	52.3	78.5

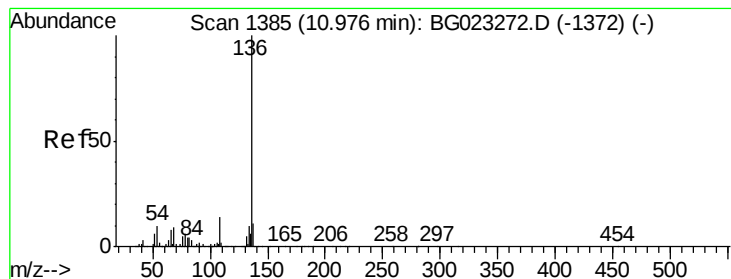


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.96 min Scan# 1382

Delta R.T. -0.02 min

Lab File: BG023375.D

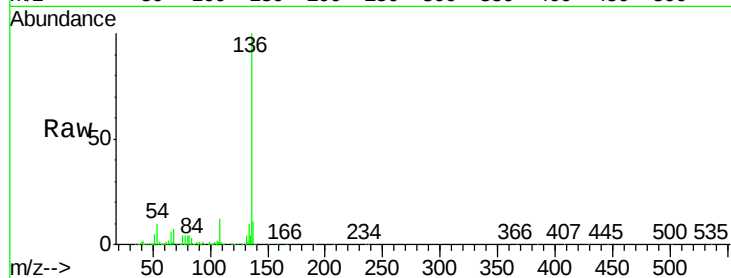
Acq: 31 Jul 2016 19:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136	Resp: 683917
Ion Ratio	Lower Upper
136 100	
137 11.3	9.6 14.4
54 10.0	7.3 10.9
68 7.5	5.3 7.9

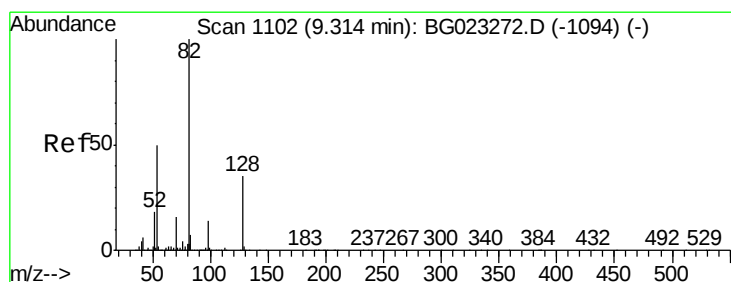
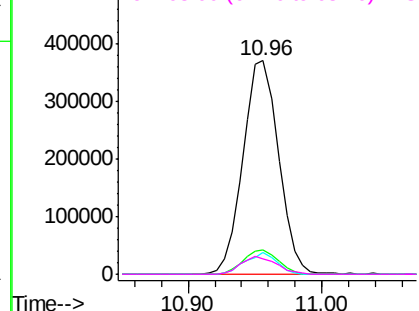
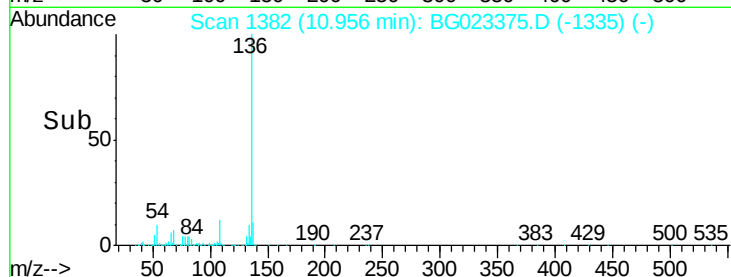


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.62 ng

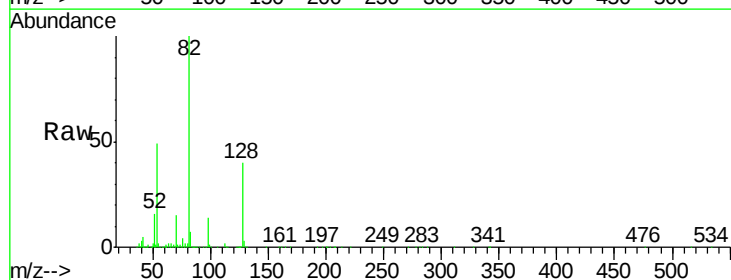
RT: 9.30 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BG023375.D

Acq: 31 Jul 2016 19:38

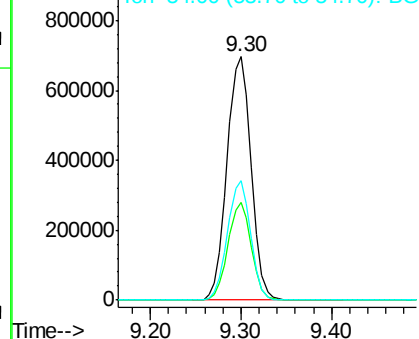
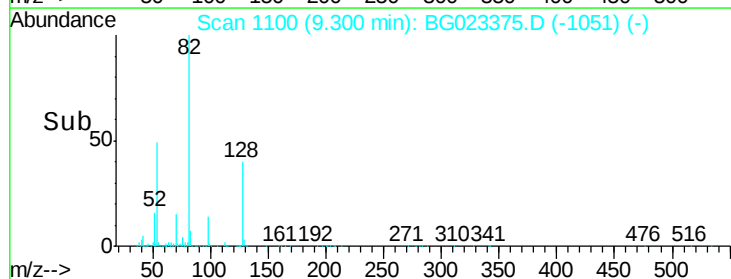
Tgt Ion: 82	Resp: 1281319
Ion Ratio	Lower Upper
82 100	
128 40.2	24.4 36.6#
54 48.8	41.4 62.0

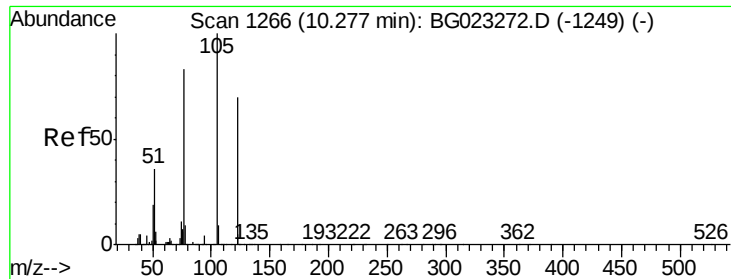


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

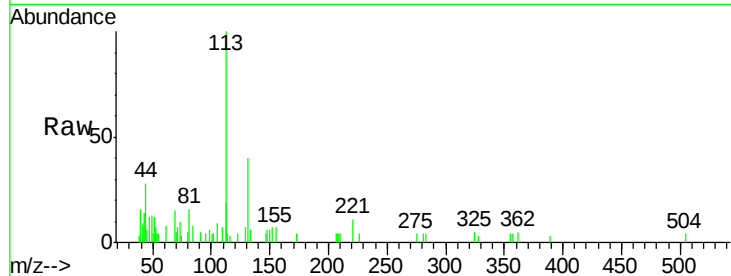




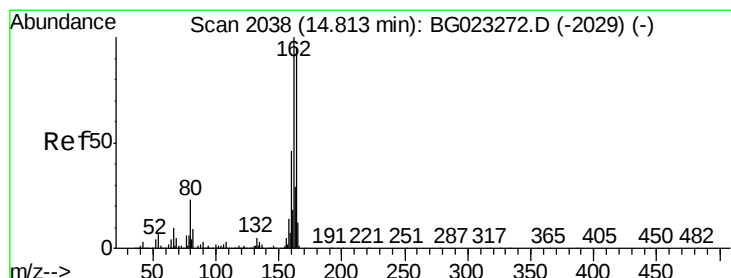
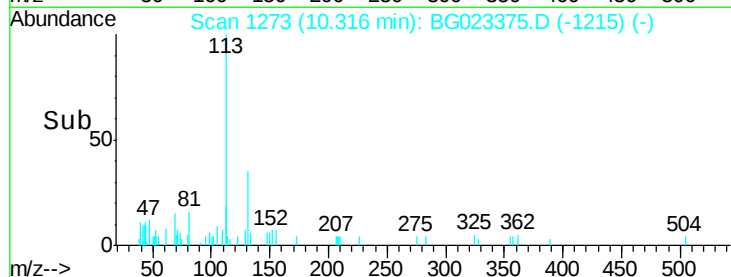
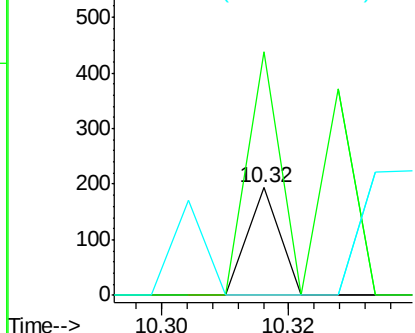
#32
Benzoic acid
Concen: 8.12 ng
RT: 10.32 min Scan# 1273
Delta R.T. 0.04 min
Lab File: BG023375.D
Acq: 31 Jul 2016 19:38

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 68
Ion Ratio Lower Upper
122 100
105 225.8 117.2 157.2#
77 0.0 109.2 149.2#

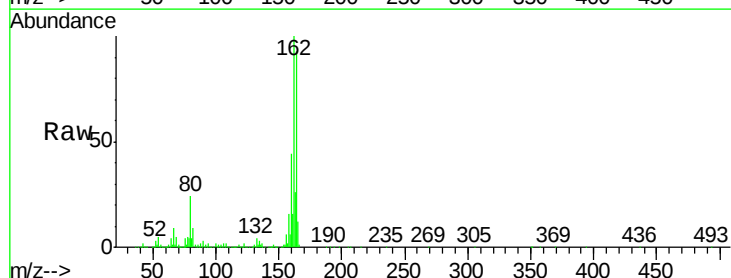


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

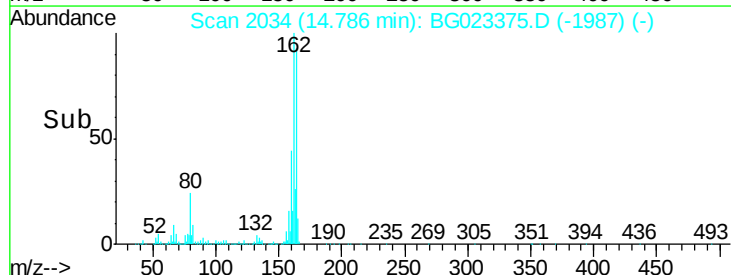
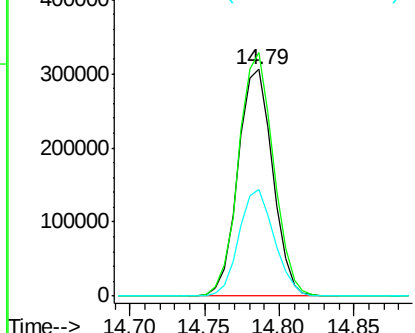


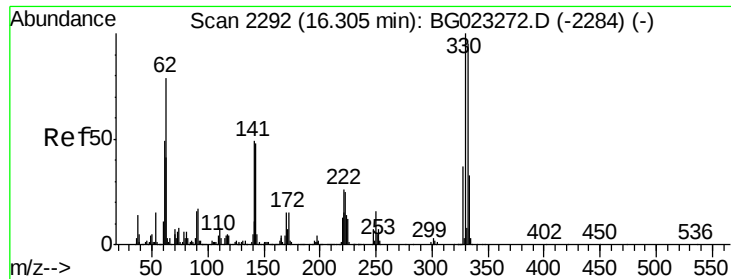
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BG023375.D
Acq: 31 Jul 2016 19:38

Tgt Ion:164 Resp: 494141
Ion Ratio Lower Upper
164 100
162 107.4 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

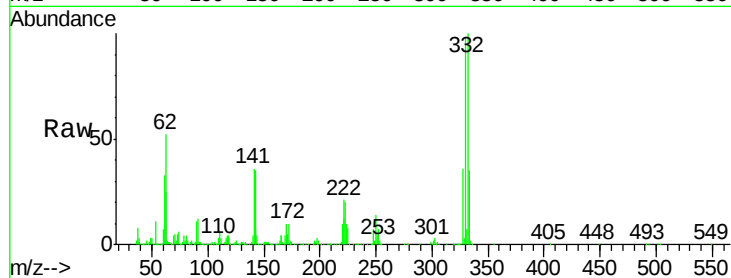




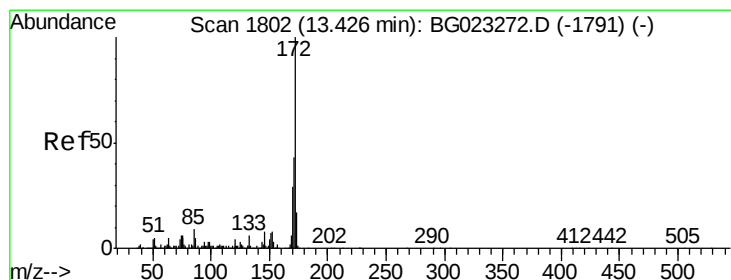
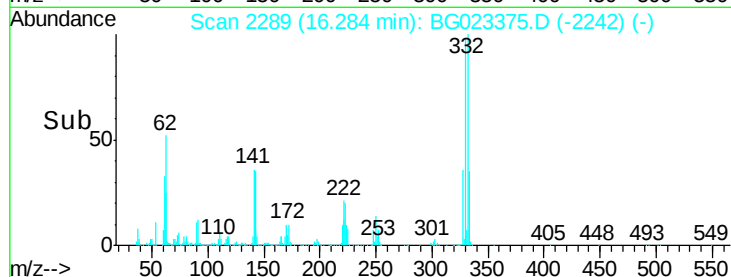
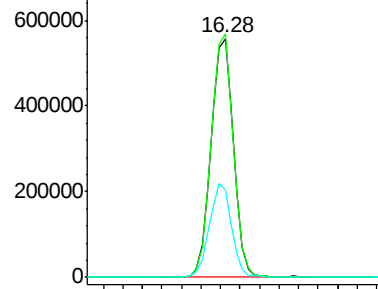
#41
 2,4,6-Tribromophenol
 Concen: 173.87 ng
 RT: 16.28 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BG023375.D
 Acq: 31 Jul 2016 19:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.0	77.4	116.2
141	38.6	31.7	47.5

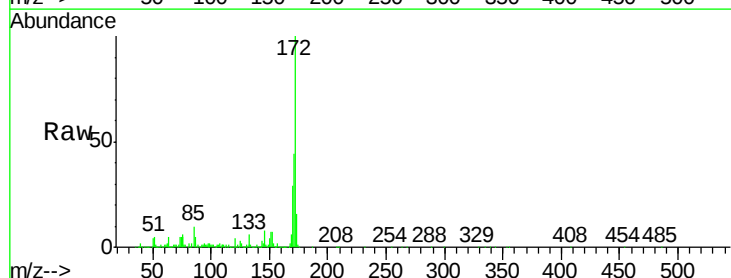


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

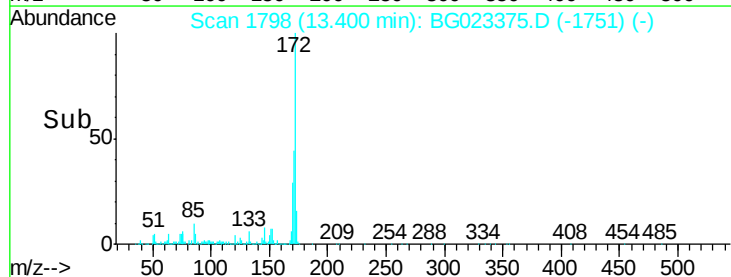
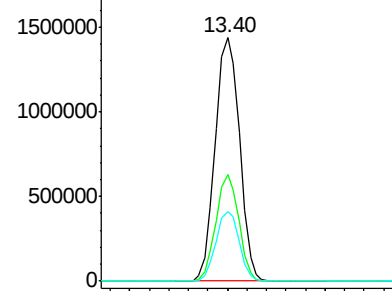


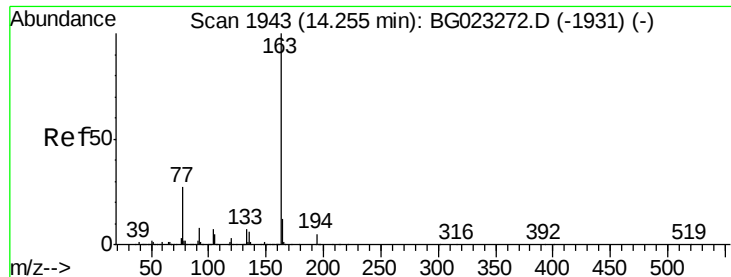
#44
 2-Fluorobiphenyl
 Concen: 94.37 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG023375.D
 Acq: 31 Jul 2016 19:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	43.9	31.6	47.4
170	28.8	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: 21.92 ng

RT: 14.23 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG023375.D

Acq: 31 Jul 2016 19:38

Instrument :

BNA_G

ClientSampleId :

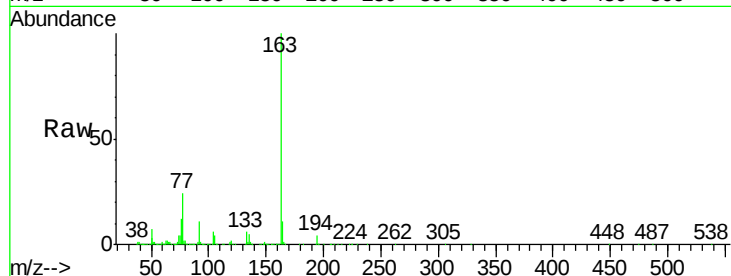
Tot Ion:163 Resp: 799330

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

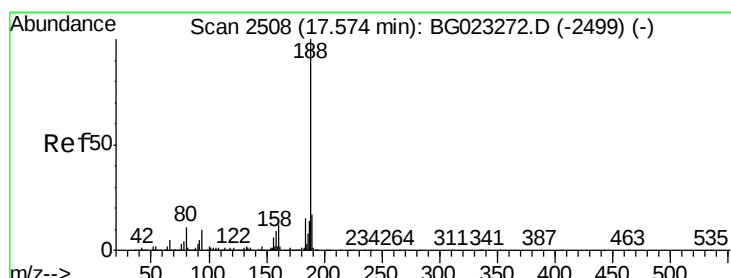
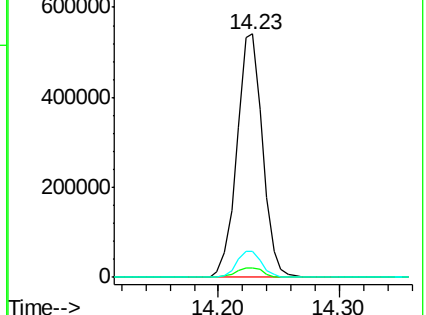
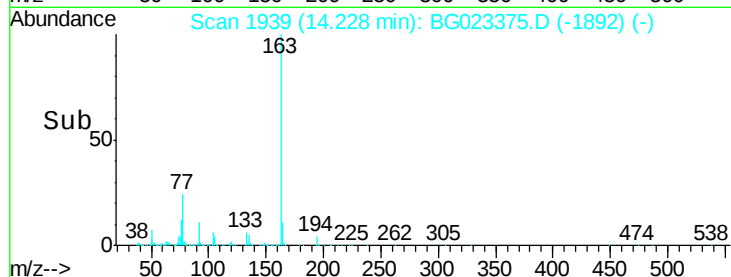
164 10.9 8.1 12.1



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. -0.02 min

Lab File: BG023375.D

Acq: 31 Jul 2016 19:38

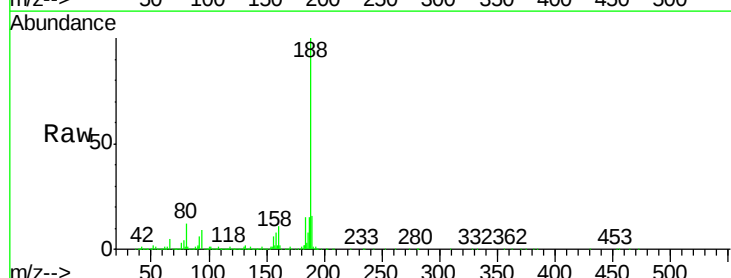
Tgt Ion:188 Resp: 1245490

Ion Ratio Lower Upper

188 100

94 9.5 5.2 7.8#

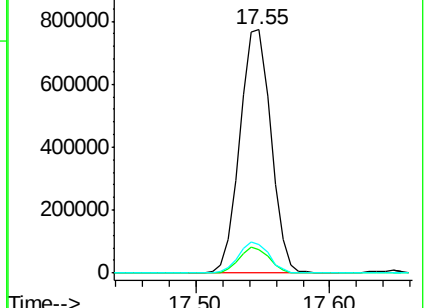
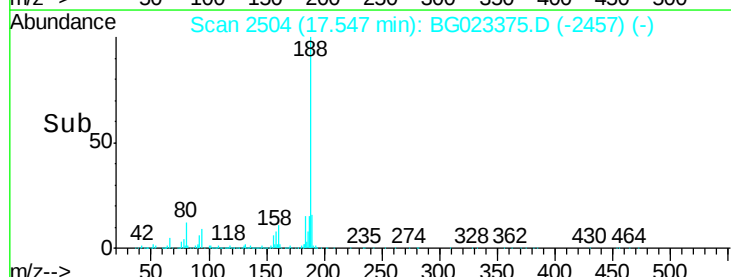
80 11.7 7.2 10.8#

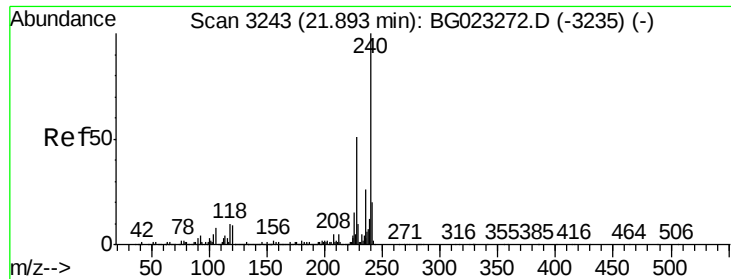


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

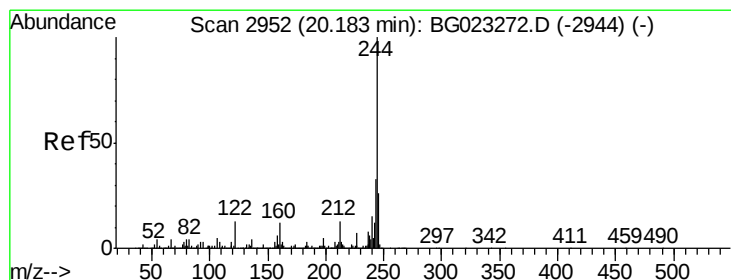
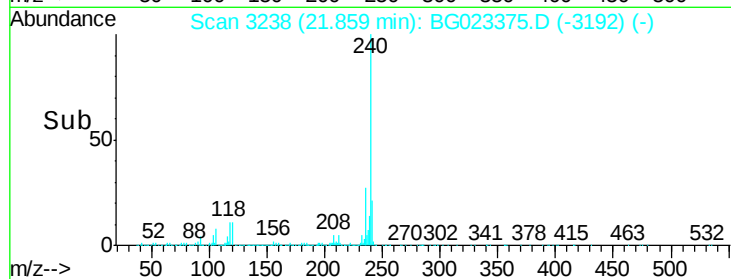
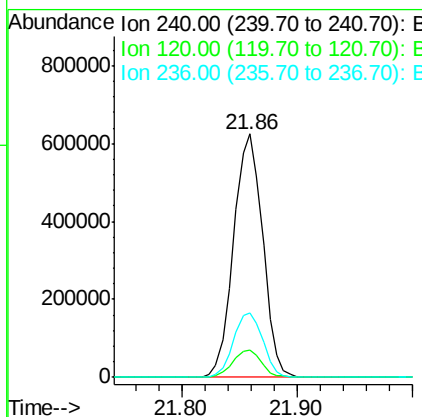
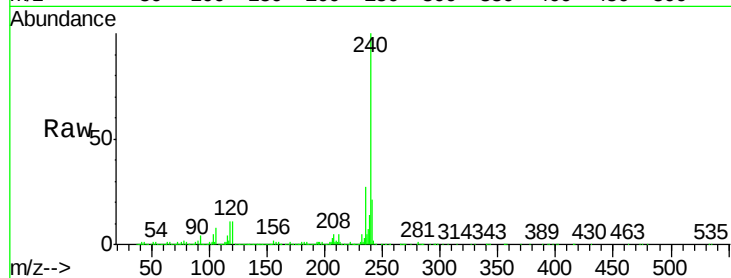




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. -0.03 min
 Lab File: BG023375.D
 Acq: 31 Jul 2016 19:38

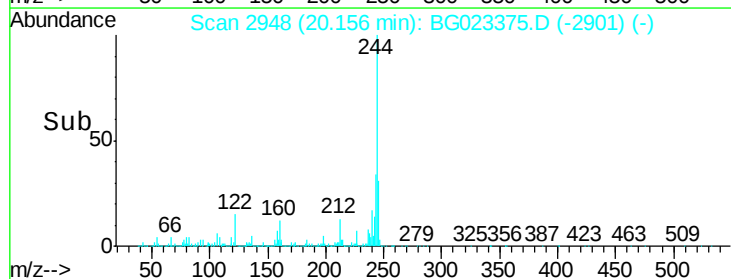
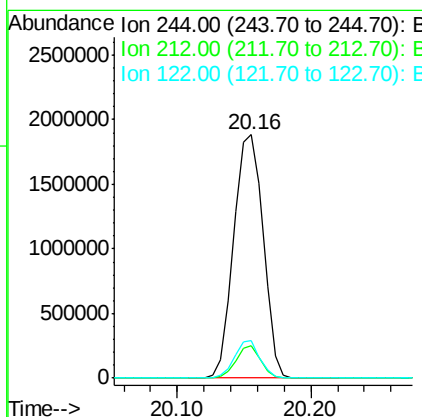
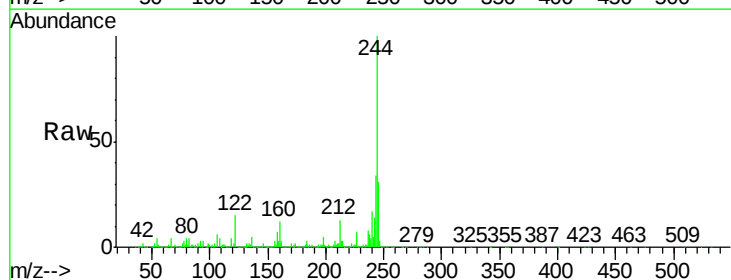
Instrument :
 BNA_G
 ClientSampleId :

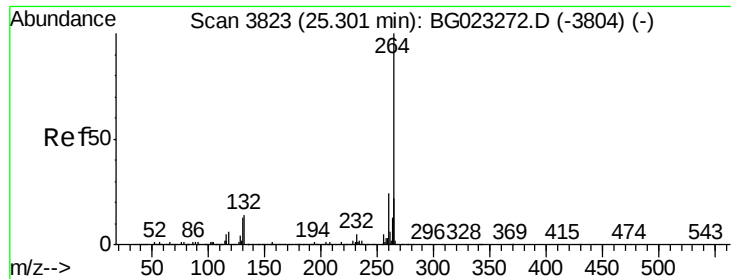
Tot Ion:240 Resp: 1086012
 Ion Ratio Lower Upper
 240 100
 120 11.3 4.1 6.1#
 236 26.6 21.1 31.7



#78
 Terphenyl-d14
 Concen: 86.63 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. -0.02 min
 Lab File: BG023375.D
 Acq: 31 Jul 2016 19:38

Tgt Ion:244 Resp: 2894011
 Ion Ratio Lower Upper
 244 100
 212 13.2 10.8 16.2
 122 15.4 8.0 12.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3813
Delta R.T. -0.07 min
Lab File: BG023375.D
Acq: 31 Jul 2016 19:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 1126304

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	20.3	18.9	28.3

