

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
 Data File : BG023377.D
 Acq On : 31 Jul 2016 20:59
 Operator : UM/SJ
 Sample : H4206-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 01 01:28:24 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

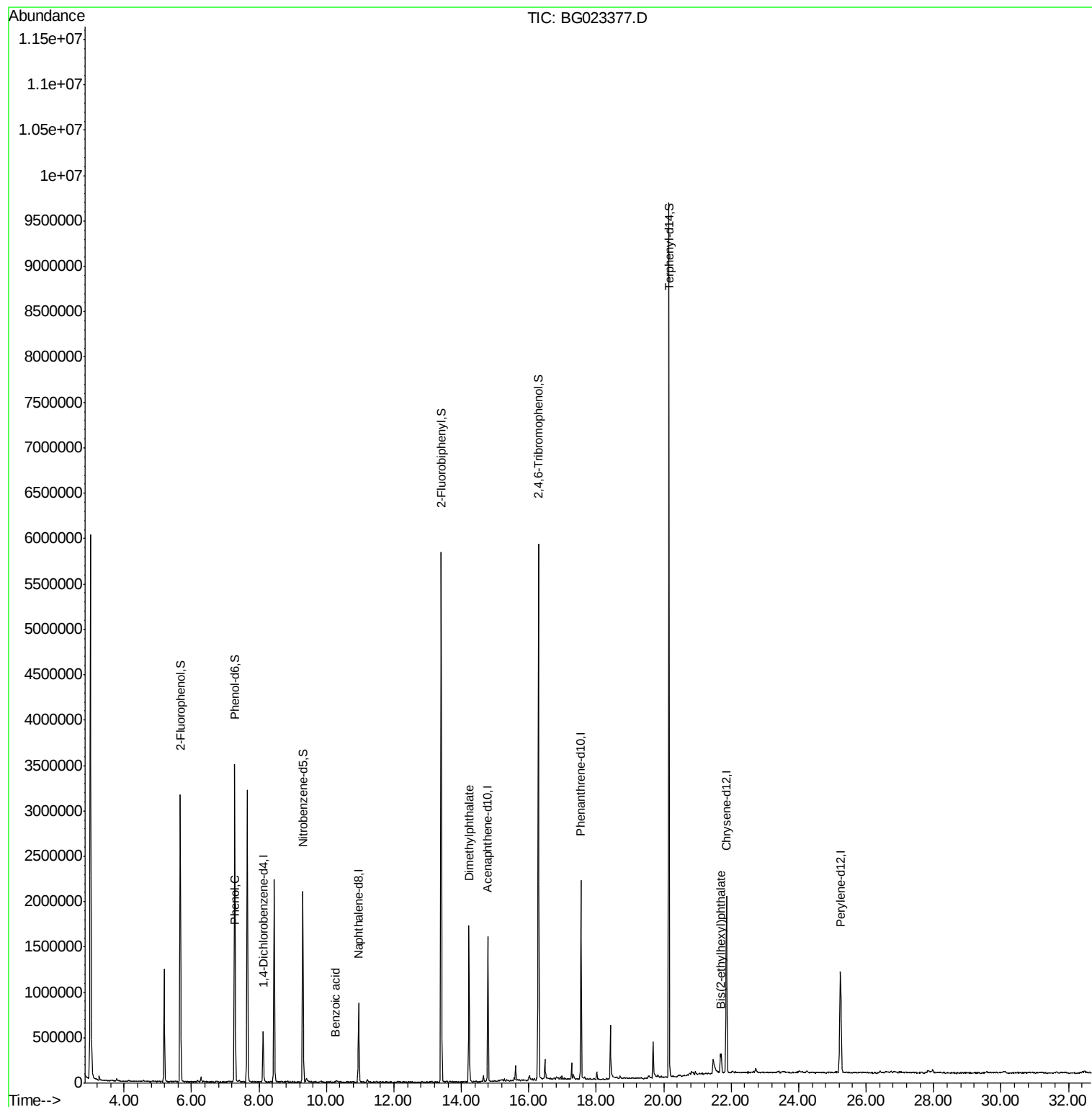
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	156436	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	737207	20.00	ng	-0.02
38) Acenaphthene-d10	14.79	164	534968	20.00	ng	-0.02
63) Phenanthrene-d10	17.55	188	1312252	20.00	ng	-0.02
75) Chrysene-d12	21.86	240	1155475	20.00	ng	-0.03
86) Perylene-d12	25.24	264	1193422	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	1390189	151.71	ng	0.00
7) Phenol-d6	7.28	99	2105401	149.65	ng	0.00
23) Nitrobenzene-d5	9.30	82	1375743	91.26	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	1077542	194.61	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	2765300	96.75	ng	-0.02
78) Terphenyl-d14	20.16	244	3336365	93.86	ng	-0.02
Target Compounds						
10) Phenol	7.30	94	47245	3.18	ng	Qvalue 91
32) Benzoic acid	10.26	122	122	8.12	ng	# 1
49) Dimethylphthalate	14.23	163	1117156	28.30	ng	98
83) Bis(2-ethylhexyl)phthalate	21.68	149	121702	3.02	ng	# 96

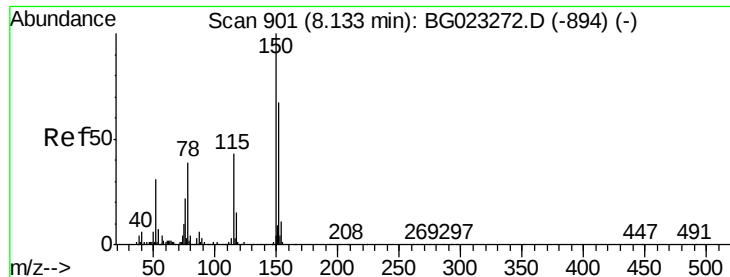
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023377.D

Acq: 31 Jul 2016 20:59

Instrument :

BNA_G

ClientSampleId :

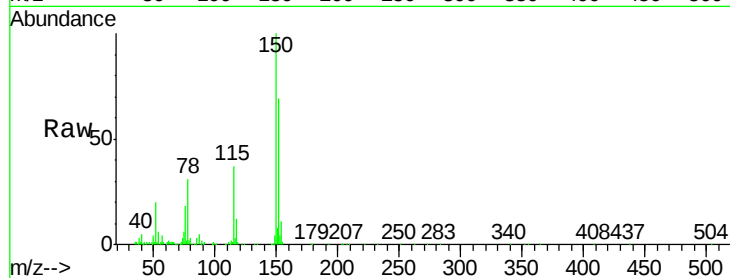
Tot Ion:152 Resp: 156436

Ion Ratio Lower Upper

152 100

150 145.4 144.7 217.1

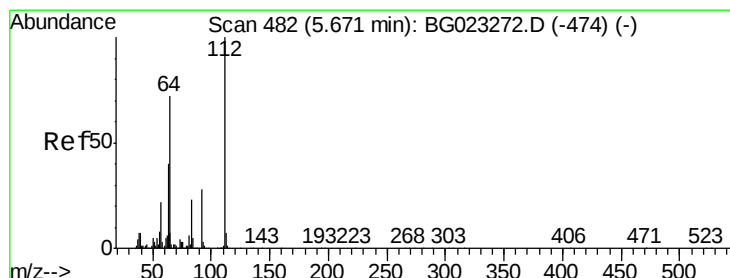
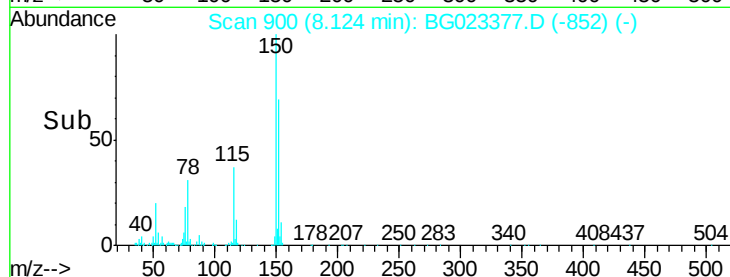
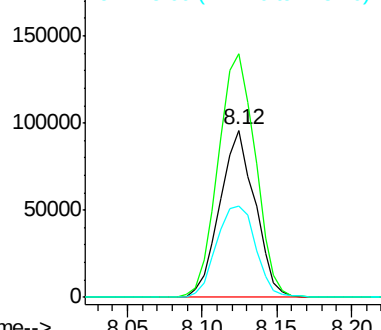
115 54.2 64.0 96.0#



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: 151.71 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.01 min

Lab File: BG023377.D

Acq: 31 Jul 2016 20:59

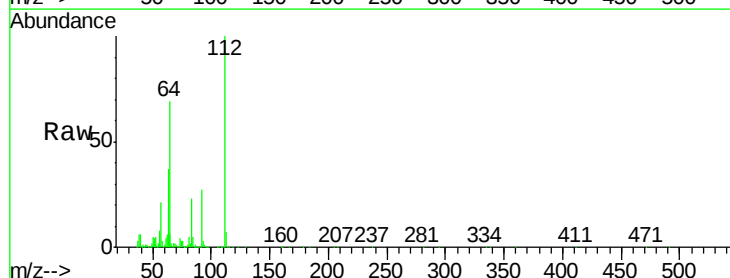
Tgt Ion:112 Resp: 1390189

Ion Ratio Lower Upper

112 100

64 69.0 59.0 88.4

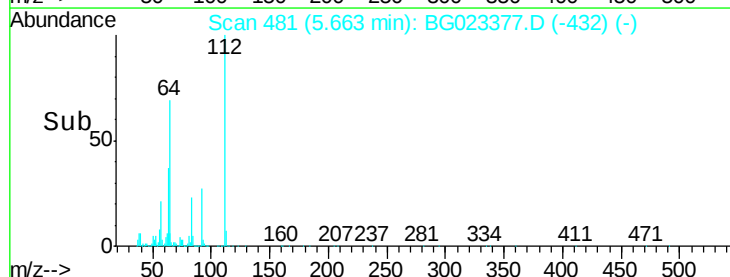
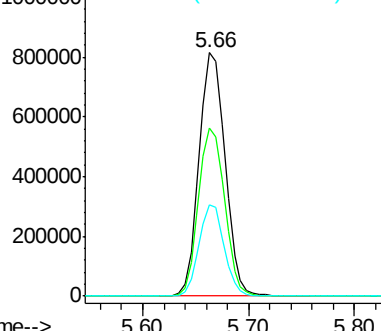
63 37.5 37.8 56.8#

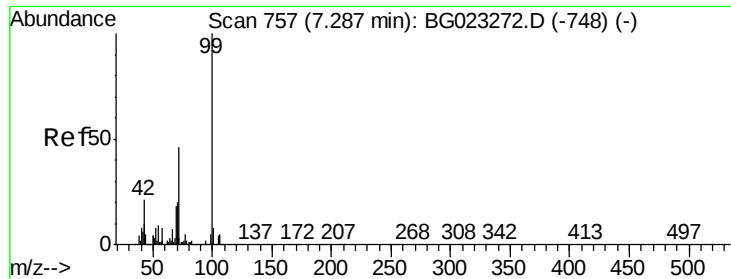


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 149.65 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG023377.D

Acq: 31 Jul 2016 20:59

Instrument :

BNA_G

ClientSampleId :

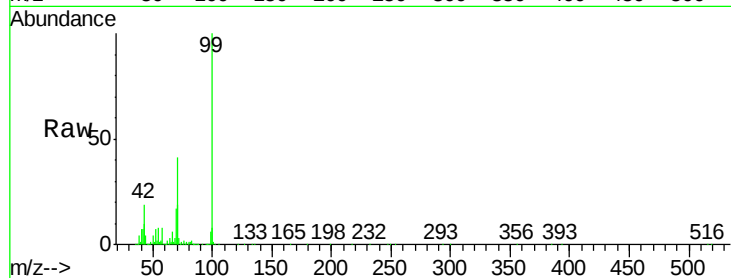
Tot Ion: 99 Resp: 2105401

Ion Ratio Lower Upper

99 100

42 18.7 17.8 26.6

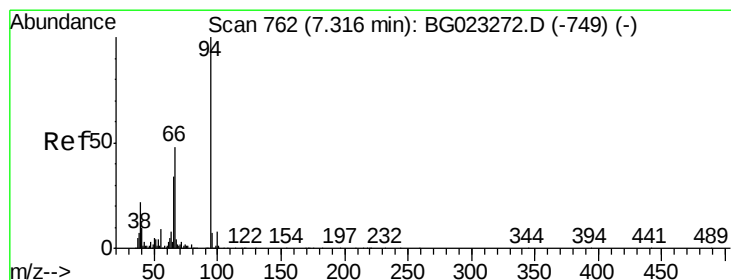
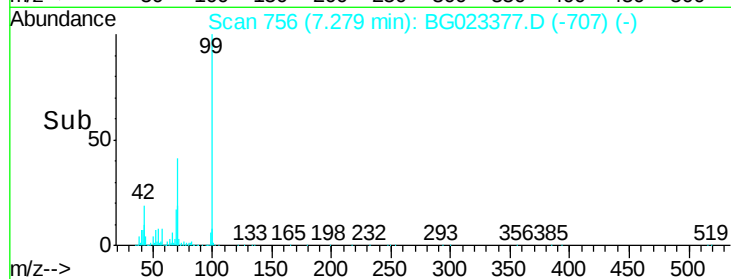
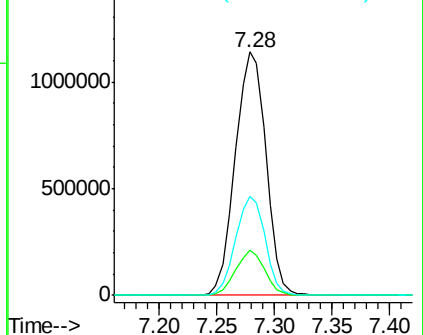
71 40.9 41.5 62.3#



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



#10

Phenol

Concen: 3.18 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.02 min

Lab File: BG023377.D

Acq: 31 Jul 2016 20:59

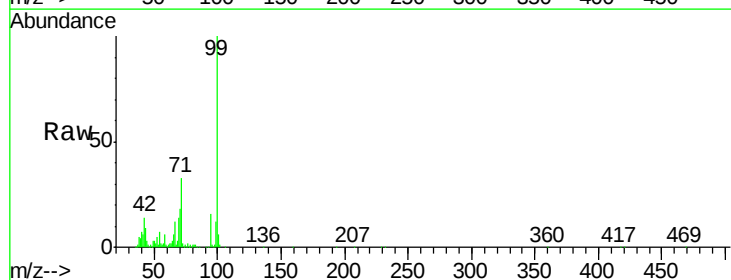
Tgt Ion: 94 Resp: 47245

Ion Ratio Lower Upper

94 100

65 34.2 18.1 58.1

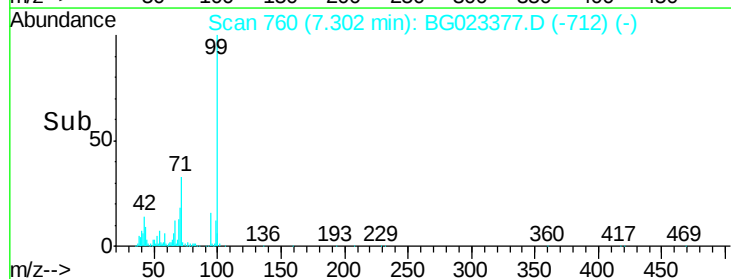
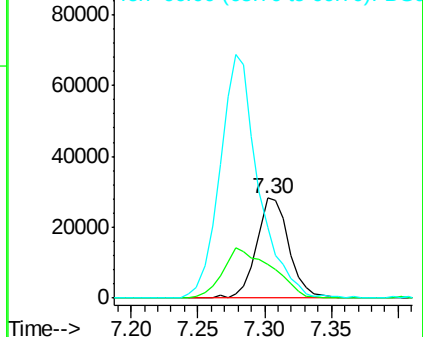
66 70.5 42.1 82.1

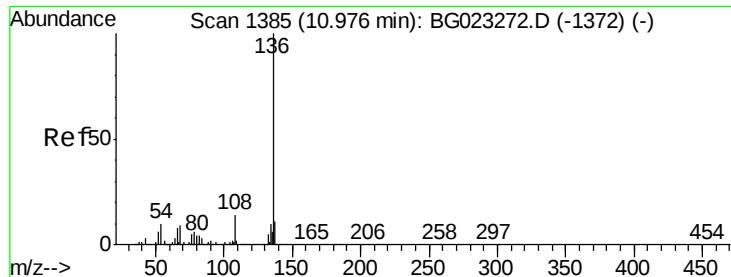


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

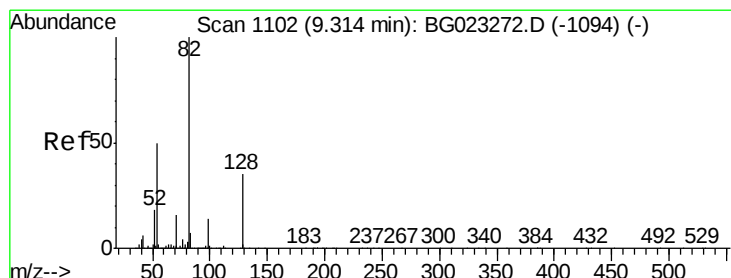
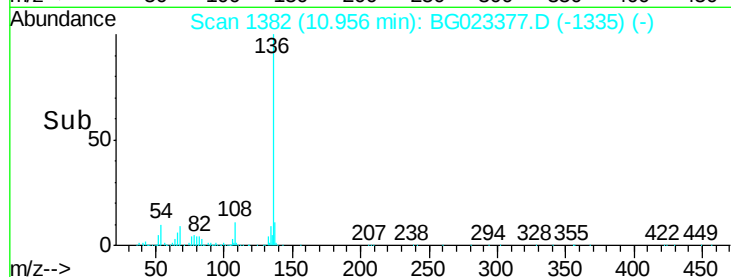
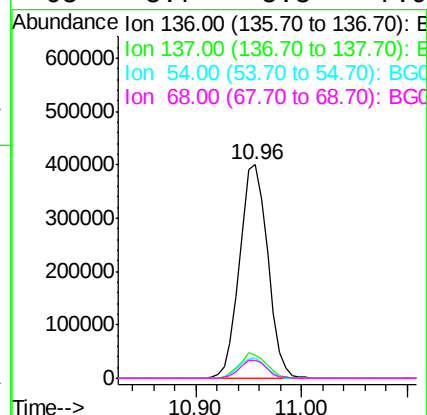
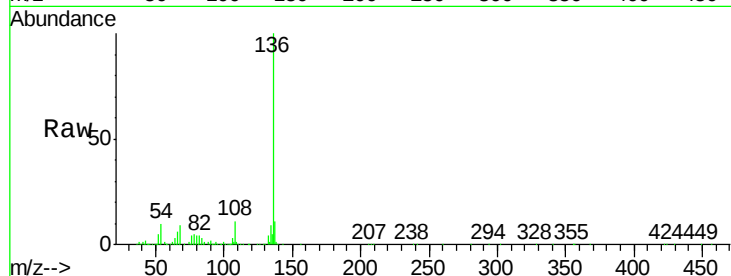




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BG023377.D
Acq: 31 Jul 2016 20:59

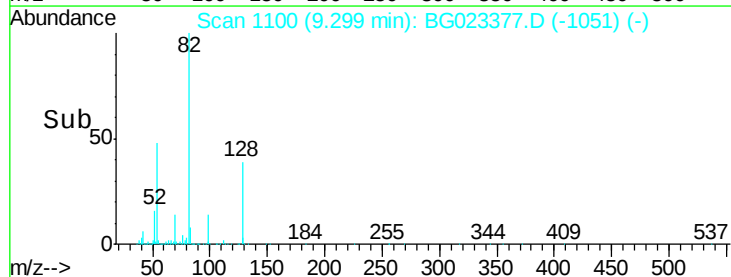
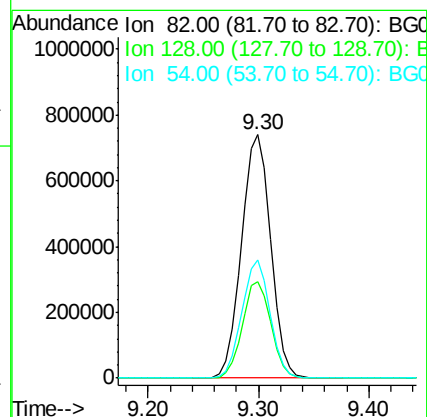
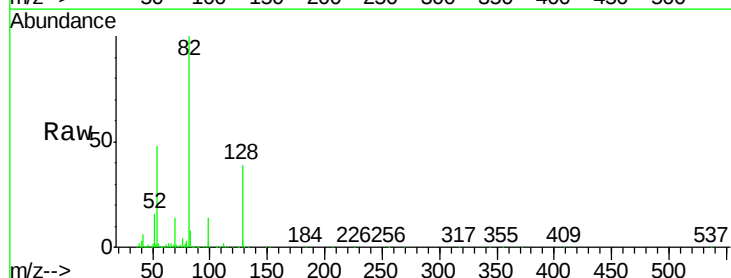
Instrument :
BNA_G
ClientSampleId :

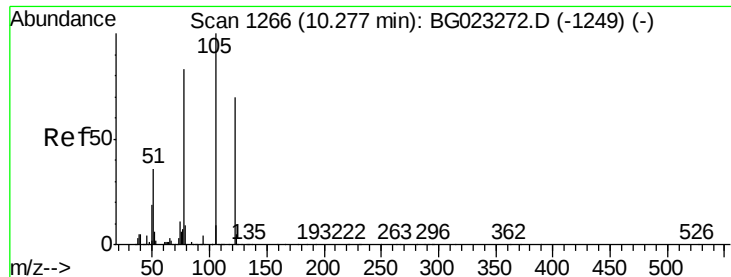
Tot Ion:136	Resp:	737207
Ion Ratio	Lower	Upper
136 100		
137 10.8	9.6	14.4
54 9.9	7.3	10.9
68 8.7	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 91.26 ng
RT: 9.30 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BG023377.D
Acq: 31 Jul 2016 20:59

Tgt Ion: 82	Resp: 1375743
Ion Ratio	Lower Upper
82 100	
128 39.4	24.4 36.6#
54 48.3	41.4 62.0

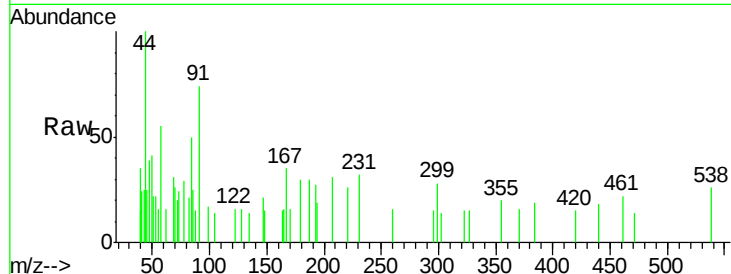




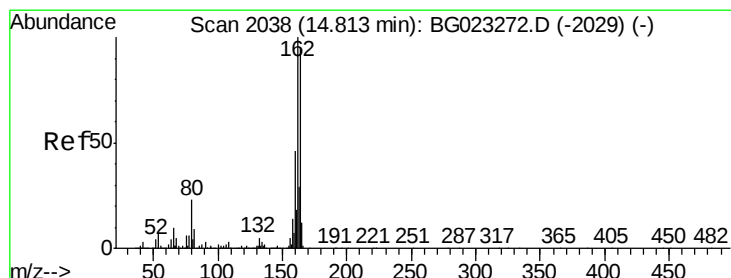
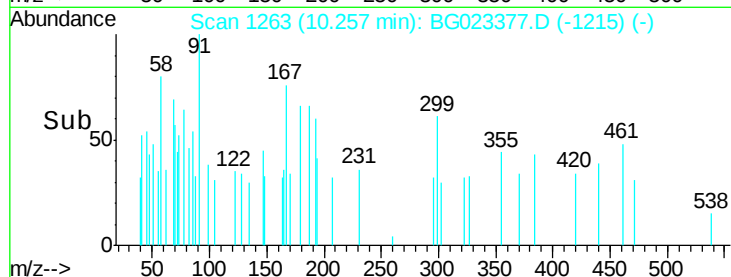
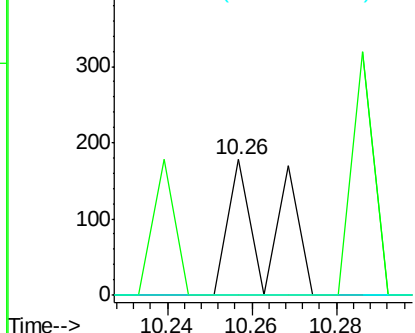
#32
Benzoic acid
Concen: 8.12 ng
RT: 10.26 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BG023377.D
Acq: 31 Jul 2016 20:59

Instrument :
BNA_G
ClientSampled :

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

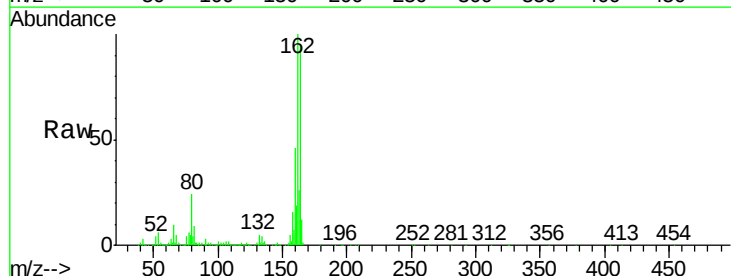


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): E

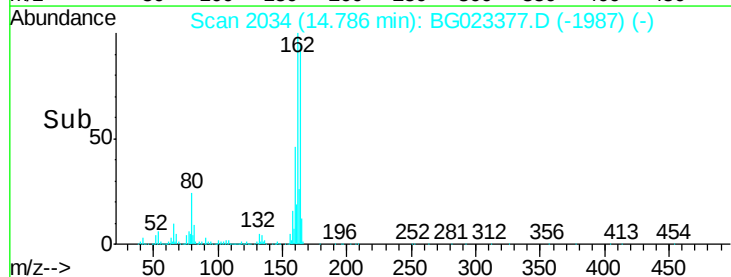
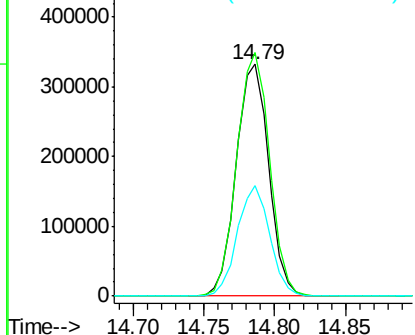


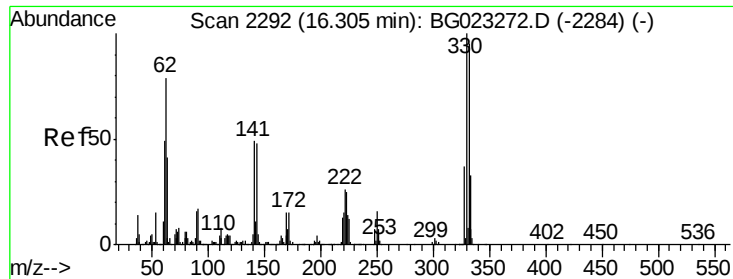
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BG023377.D
Acq: 31 Jul 2016 20:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	87.7	131.5
160	47.9	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



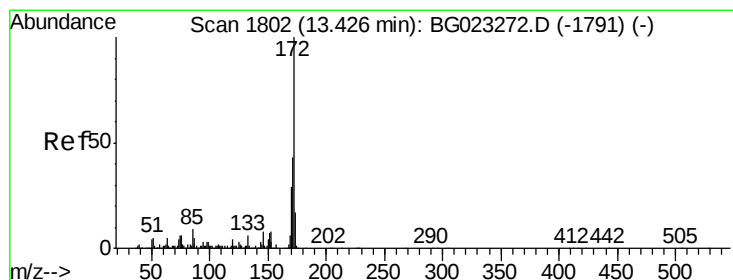
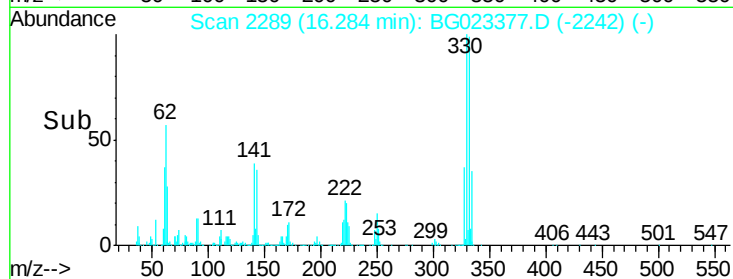
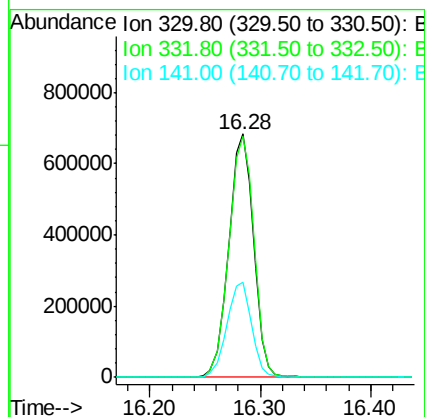
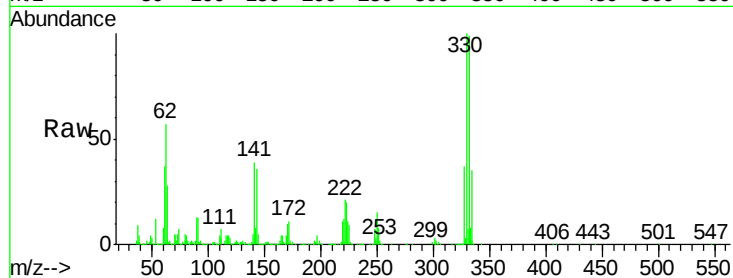


#41
 2,4,6-Tribromophenol
 Concen: 194.61 ng
 RT: 16.28 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BG023377.D
 Acq: 31 Jul 2016 20:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 1077542

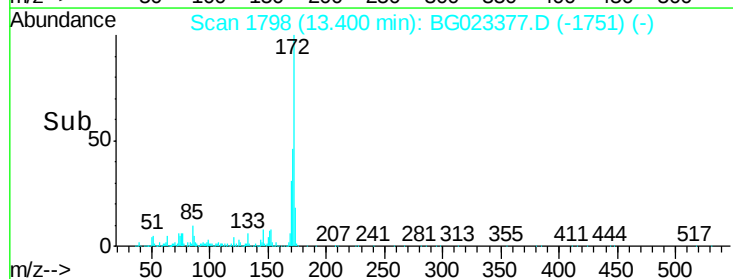
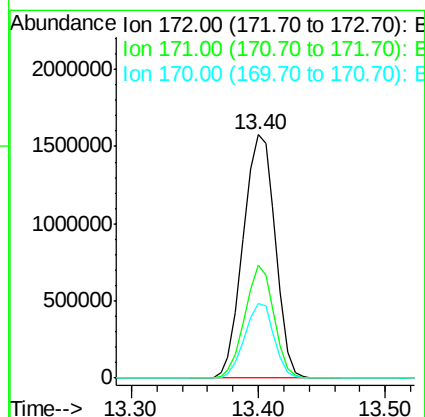
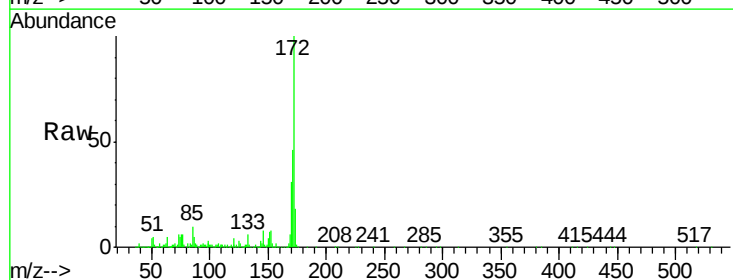
Ion	Ratio	Lower	Upper
330	100		
332	100.2	77.4	116.2
141	38.8	31.7	47.5

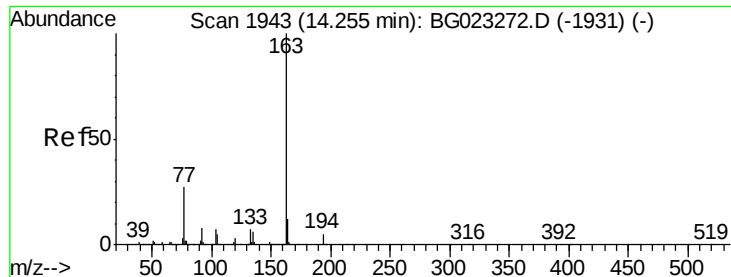


#44
 2-Fluorobiphenyl
 Concen: 96.75 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG023377.D
 Acq: 31 Jul 2016 20:59

Tgt Ion:172 Resp: 2765300

Ion	Ratio	Lower	Upper
172	100		
171	46.3	31.6	47.4
170	30.6	21.3	31.9

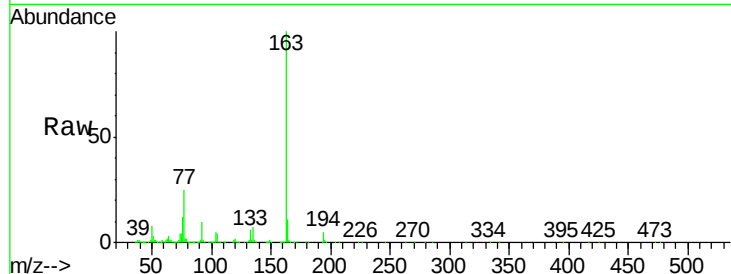




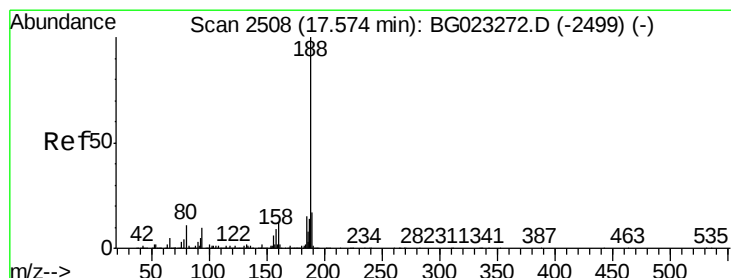
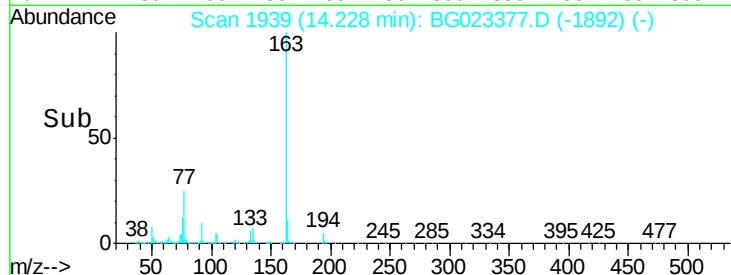
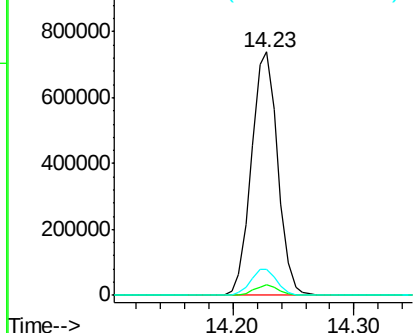
#49
Dimethylphthalate
Concen: 28.30 ng
RT: 14.23 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG023377.D
Acq: 31 Jul 2016 20:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 1117156
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 10.9 8.1 12.1

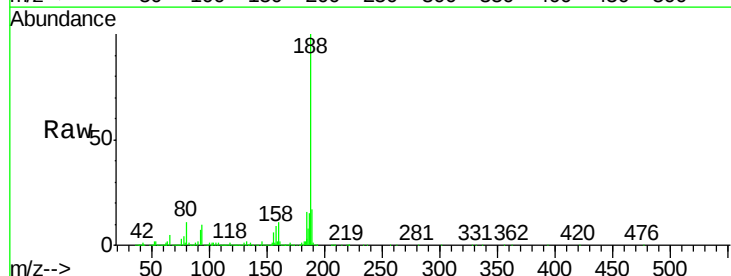


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

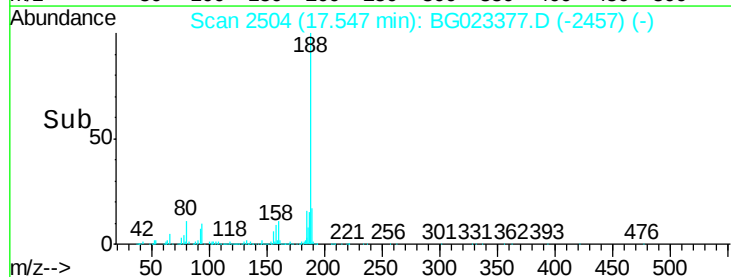
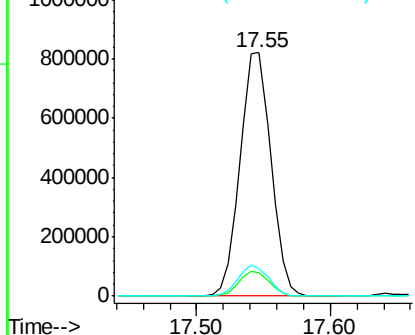


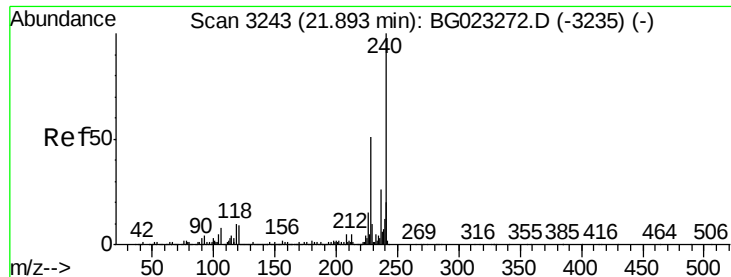
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.02 min
Lab File: BG023377.D
Acq: 31 Jul 2016 20:59

Tgt Ion:188 Resp: 1312252
Ion Ratio Lower Upper
188 100
94 9.7 5.2 7.8#
80 11.4 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: 21.86 min Scan# 3238

Delta R.T. -0.03 min

Lab File: BG023377.D

Acq: 31 Jul 2016 20:59

Instrument :

BNA_G

ClientSampleId :

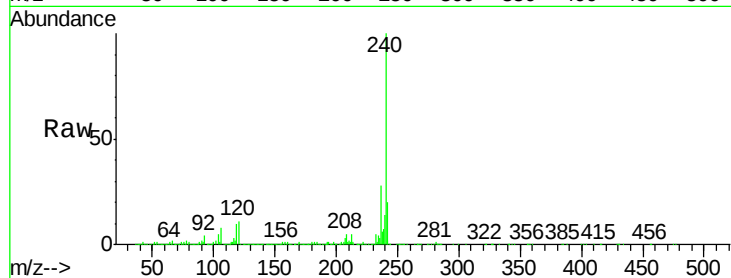
Tot Ion:240 Resp: 1155475

Ion Ratio Lower Upper

240 100

120 11.1 4.1 6.1#

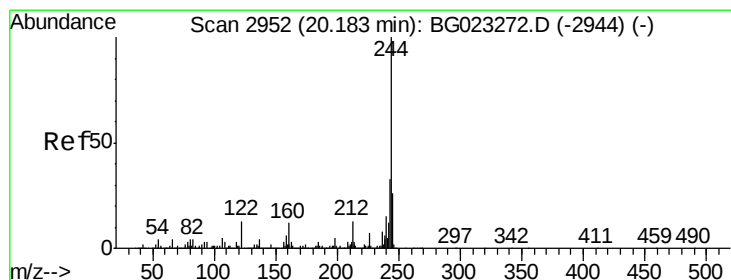
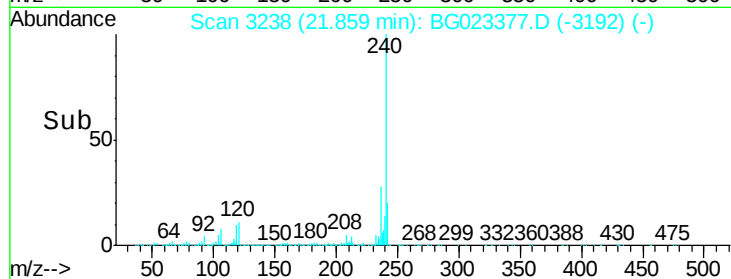
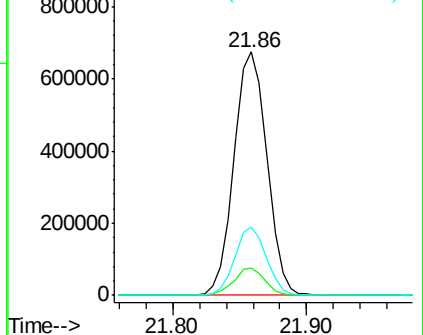
236 27.9 21.1 31.7



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: 93.86 ng

RT: 20.16 min Scan# 2948

Delta R.T. -0.02 min

Lab File: BG023377.D

Acq: 31 Jul 2016 20:59

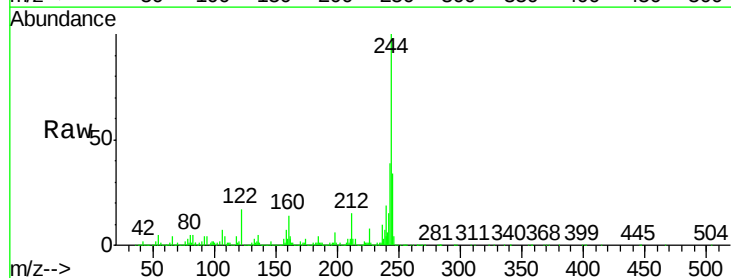
Tgt Ion:244 Resp: 3336365

Ion Ratio Lower Upper

244 100

212 15.5 10.8 16.2

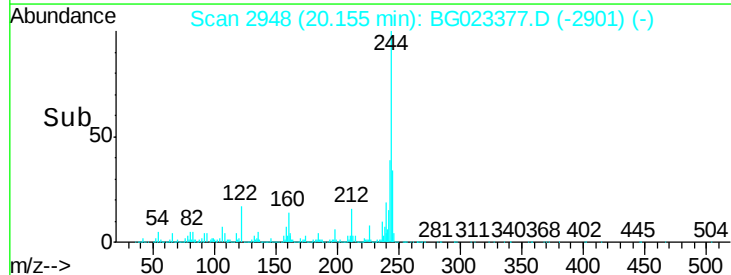
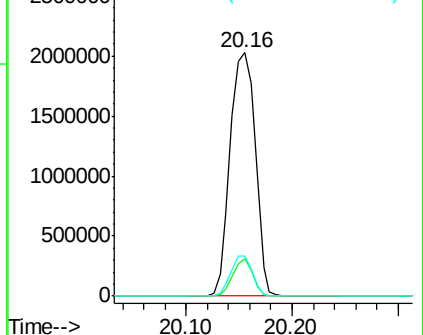
122 16.5 8.0 12.0#

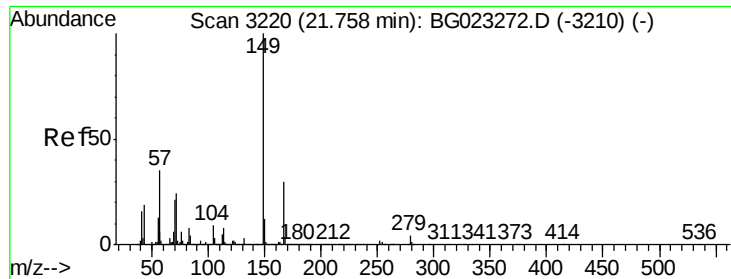


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

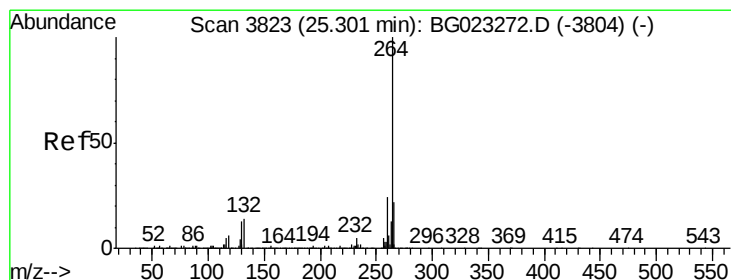
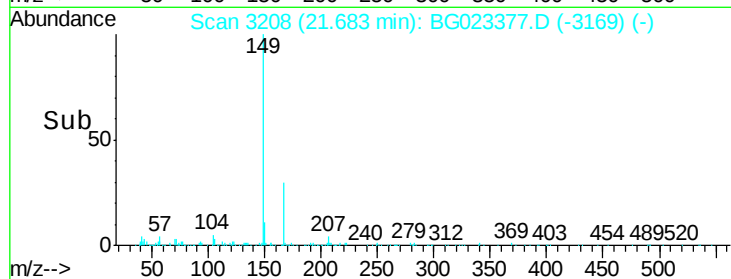
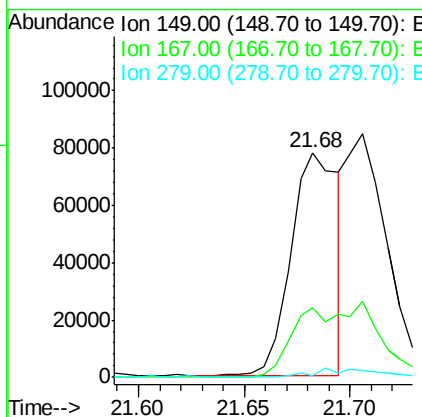
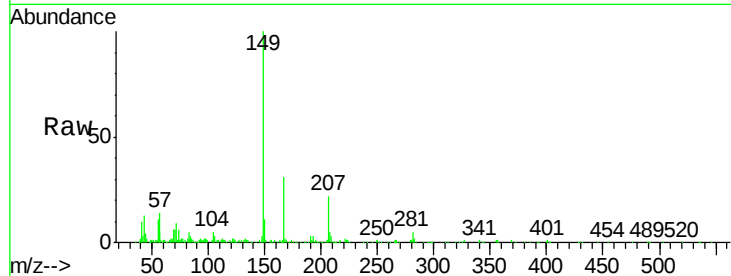




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.02 ng
 RT: 21.68 min Scan# 3208
 Delta R.T. -0.07 min
 Lab File: BG023377.D
 Acq: 31 Jul 2016 20:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:149 Resp: 121702
 Ion Ratio Lower Upper
 149 100
 167 30.8 24.0 36.0
 279 0.9 4.8 7.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.24 min Scan# 3813
 Delta R.T. -0.07 min
 Lab File: BG023377.D
 Acq: 31 Jul 2016 20:59

Tgt Ion:264 Resp: 1193422
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 23.4 18.9 28.3

