

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
 Data File : BG023376.D
 Acq On : 31 Jul 2016 20:19
 Operator : UM/SJ
 Sample : H4206-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 01 01:28:10 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

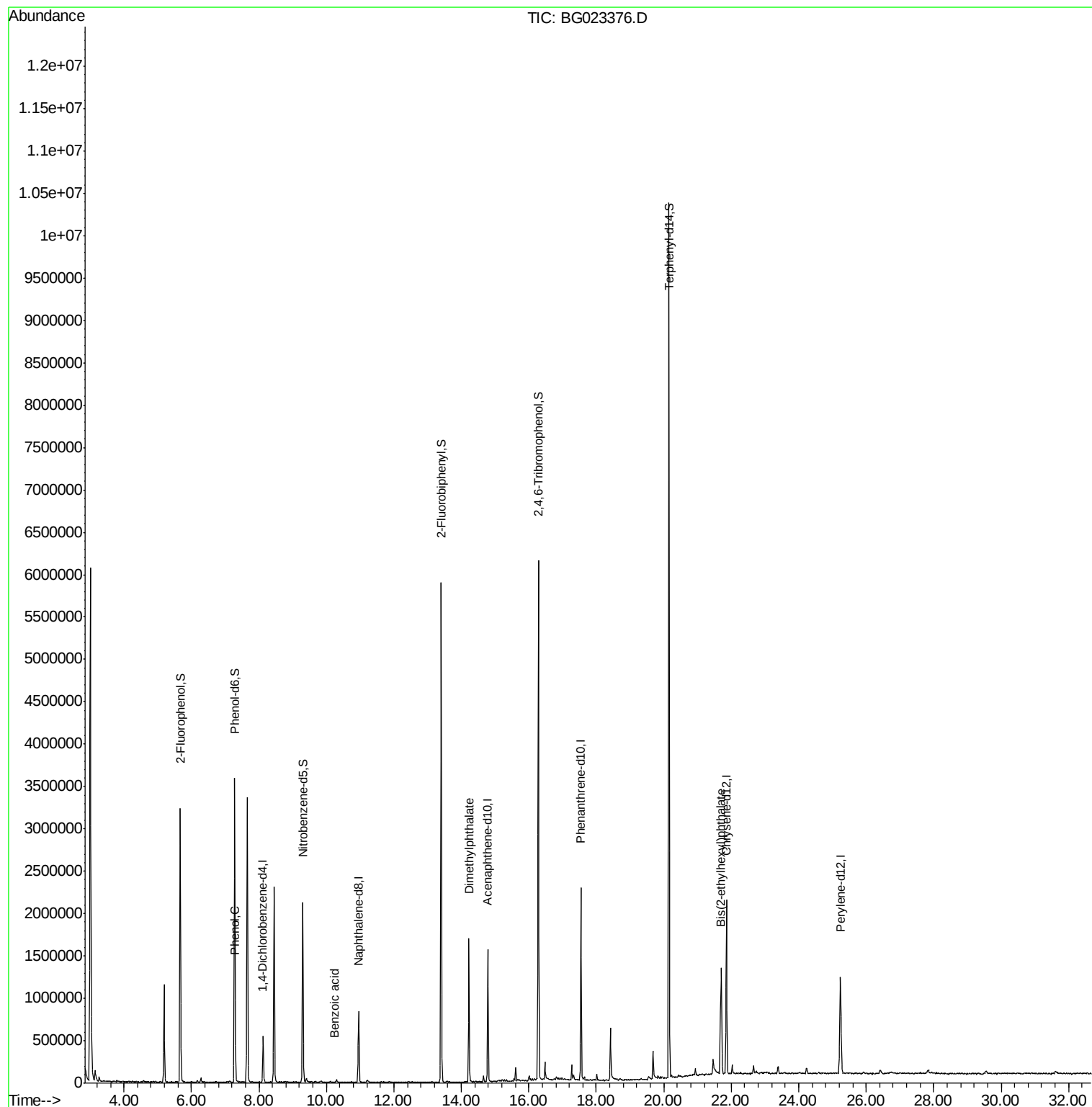
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	152988	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	714983	20.00	ng	-0.03
38) Acenaphthene-d10	14.78	164	536978	20.00	ng	-0.03
63) Phenanthrene-d10	17.54	188	1375308	20.00	ng	-0.03
75) Chrysene-d12	21.86	240	1202292	20.00	ng	-0.03
86) Perylene-d12	25.24	264	1183069	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1401469	156.39	ng	0.00
7) Phenol-d6	7.28	99	2129032	154.74	ng	0.00
23) Nitrobenzene-d5	9.30	82	1399353	95.71	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	1131227	203.54	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	2778113	96.83	ng	-0.02
78) Terphenyl-d14	20.16	244	3545146	95.85	ng	-0.02
Target Compounds						
10) Phenol	7.30	94	47606	3.28	ng	93
32) Benzoic acid	10.25	122	84	8.12	ng	# 1
49) Dimethylphthalate	14.22	163	1067585	26.94	ng	97
83) Bis(2-ethylhexyl)phthalate	21.69	149	781588	18.61	ng	# 97

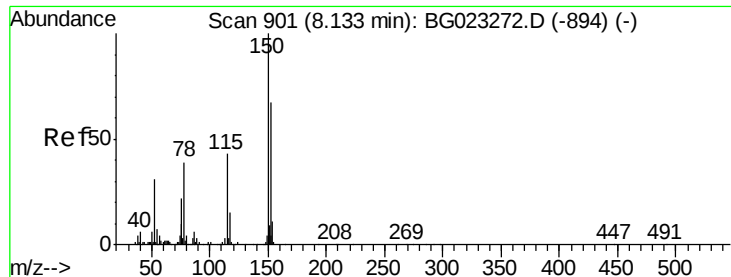
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
Data File : BG023376.D
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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# 900

Delta R.T. -0.01 min

Lab File: BG023376.D

Acq: 31 Jul 2016 20:19

Instrument :

BNA_G

ClientSampleId :

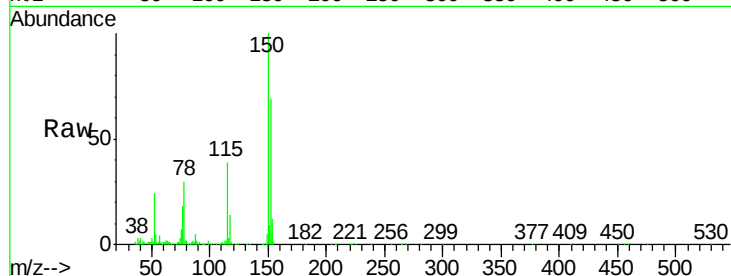
Tot Ion:152 Resp: 152988

Ion Ratio Lower Upper

152 100

150 145.2 144.7 217.1

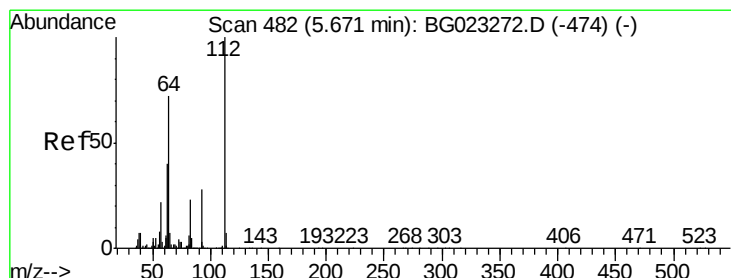
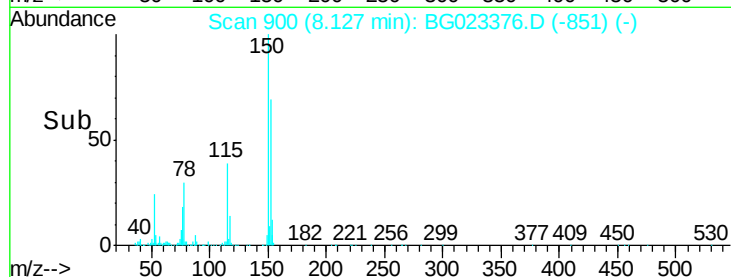
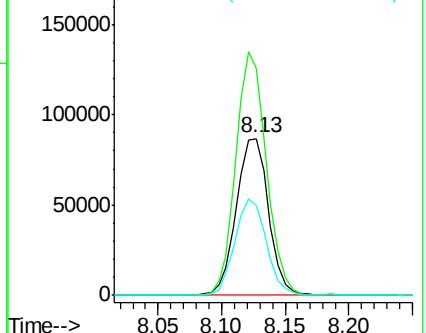
115 57.3 64.0 96.0#



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: 156.39 ng

RT: 5.67 min Scan# 481

Delta R.T. -0.01 min

Lab File: BG023376.D

Acq: 31 Jul 2016 20:19

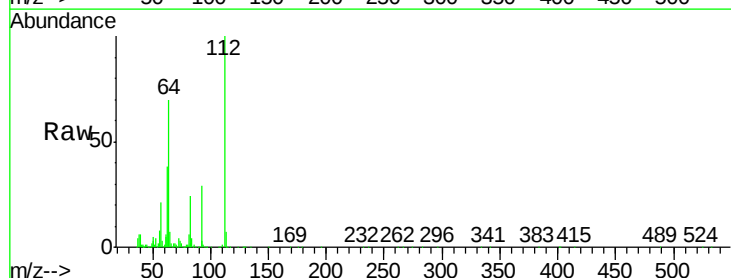
Tgt Ion:112 Resp: 1401469

Ion Ratio Lower Upper

112 100

64 70.2 59.0 88.4

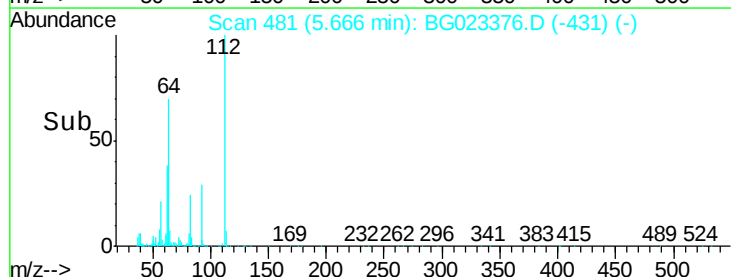
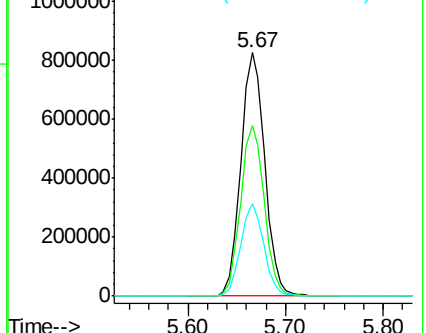
63 37.8 37.8 56.8#

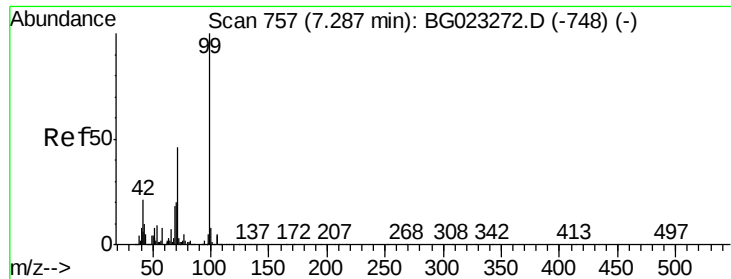


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 154.74 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG023376.D

Acq: 31 Jul 2016 20:19

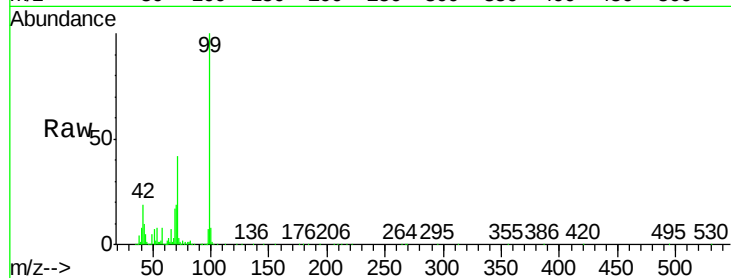
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 2129032

Ion	Ratio	Lower	Upper
99	100		
42	18.9	17.8	26.6
71	41.9	41.5	62.3



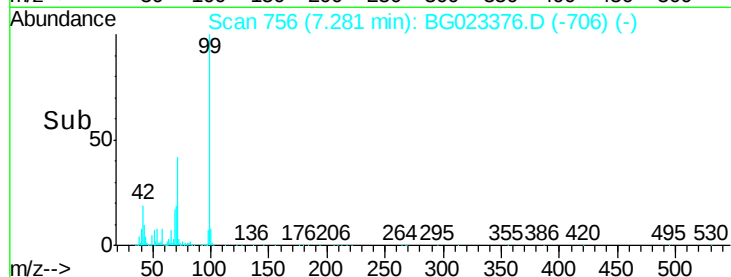
Abundance

Ion 99.00 (98.70 to 99.70): BGC

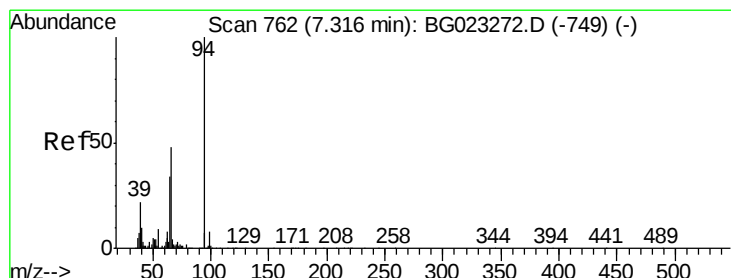
Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

7.28



Time-->



#10

Phenol

Concen: 3.28 ng

RT: 7.30 min Scan# 760

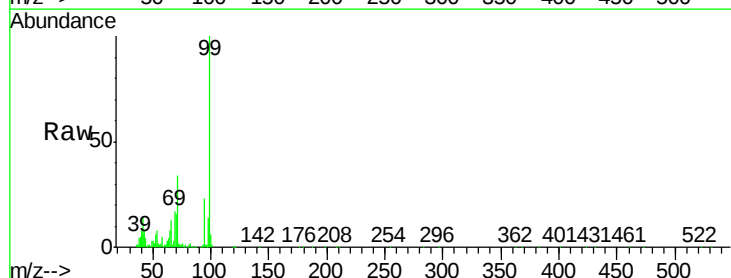
Delta R.T. -0.01 min

Lab File: BG023376.D

Acq: 31 Jul 2016 20:19

Tgt Ion: 94 Resp: 47606

Ion	Ratio	Lower	Upper
94	100		
65	35.2	18.1	58.1
66	55.6	42.1	82.1



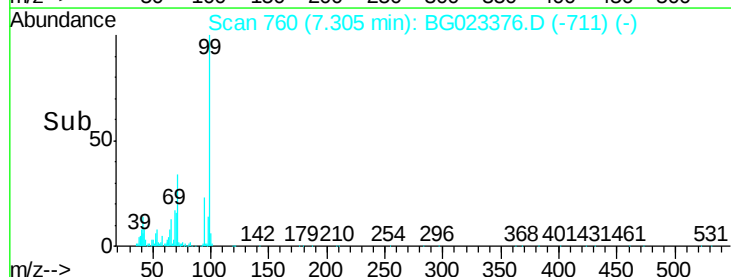
Abundance

Ion 94.00 (93.70 to 94.70): BGC

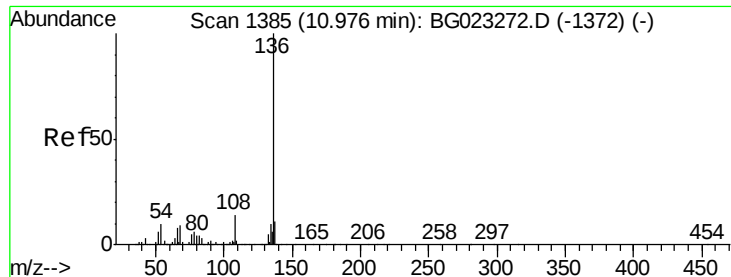
Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

7.30



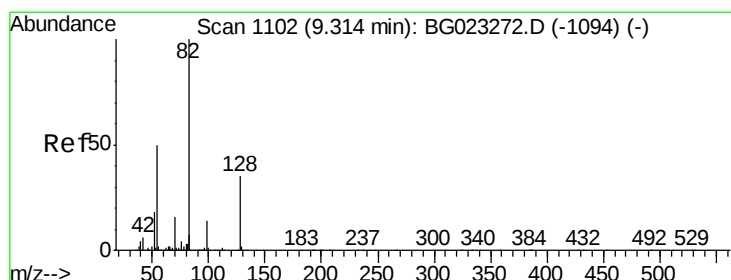
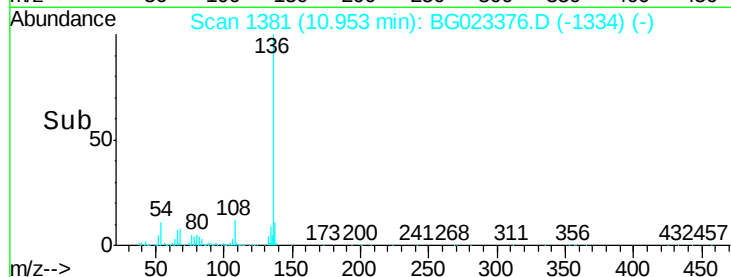
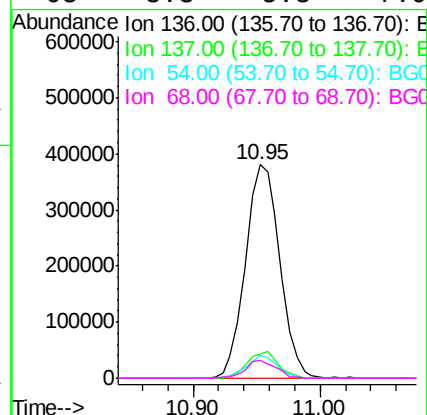
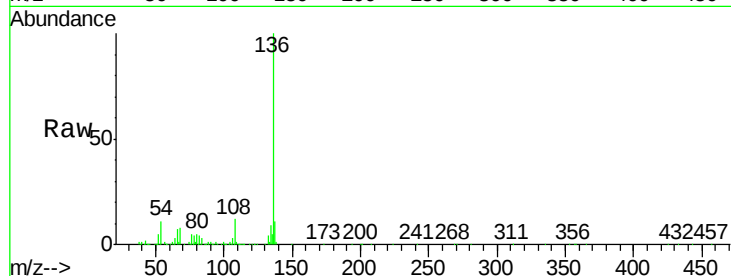
Time-->



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.03 min
Lab File: BG023376.D
Acq: 31 Jul 2016 20:19

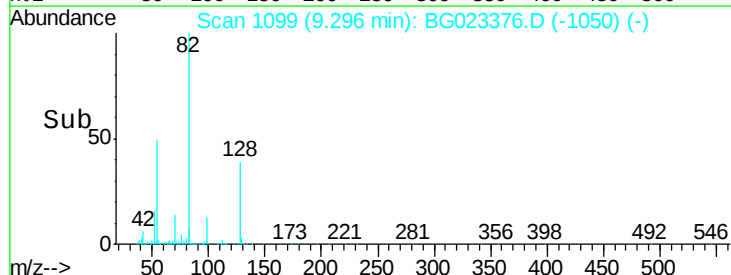
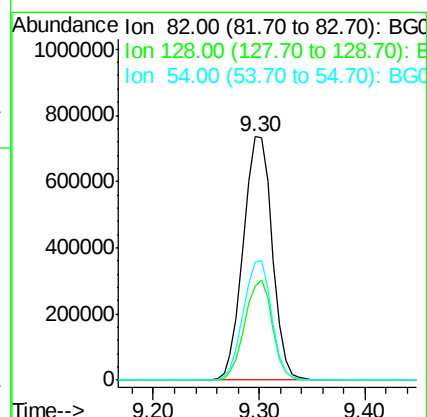
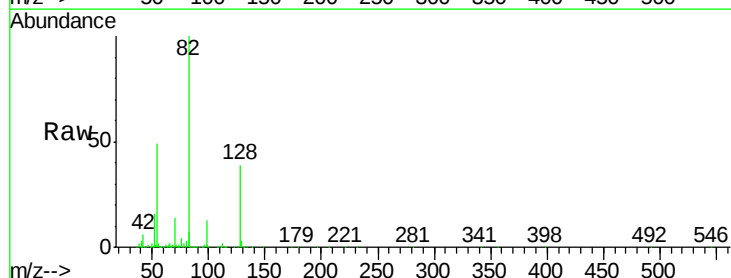
Instrument :
BNA_G
ClientSampleId :

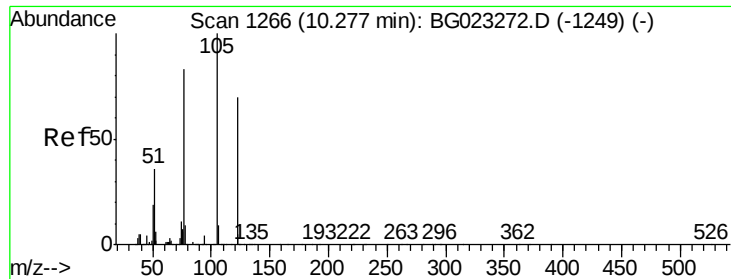
Tot Ion:136	Resp:	714983
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.6 14.4
54	10.6	7.3 10.9
68	8.3	5.3 7.9



#23
Nitrobenzene-d5
Concen: 95.71 ng
RT: 9.30 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BG023376.D
Acq: 31 Jul 2016 20:19

Tgt Ion: 82	Resp:	1399353
Ion Ratio	Lower	Upper
82	100	
128	38.8	24.4 36.6
54	48.7	41.4 62.0

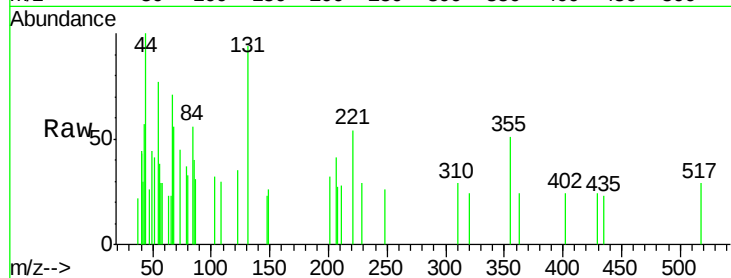




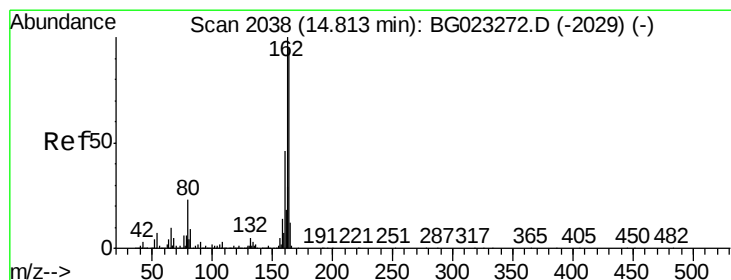
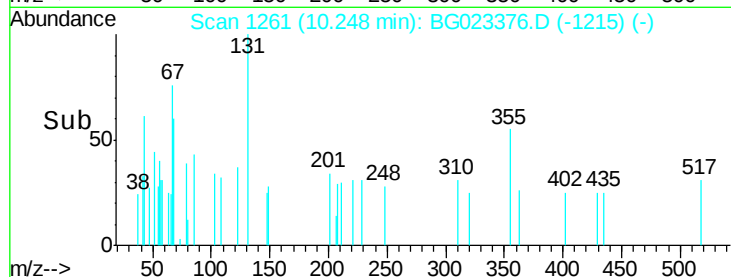
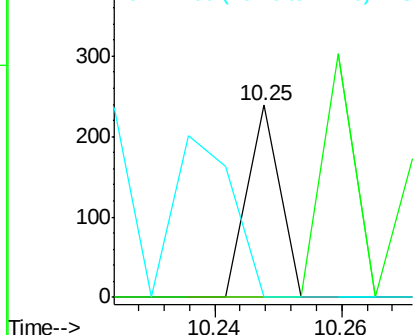
#32
Benzoic acid
Concen: 8.12 ng
RT: 10.25 min Scan# 1261
Delta R.T. -0.03 min
Lab File: BG023376.D
Acq: 31 Jul 2016 20:19

Instrument :
BNA_G
ClientSampleId :

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

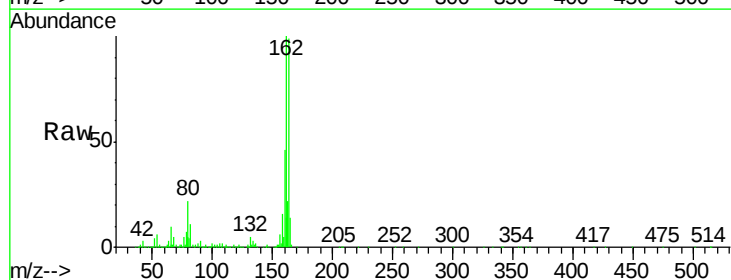


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

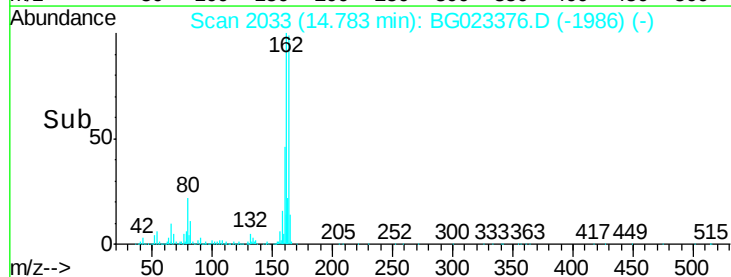
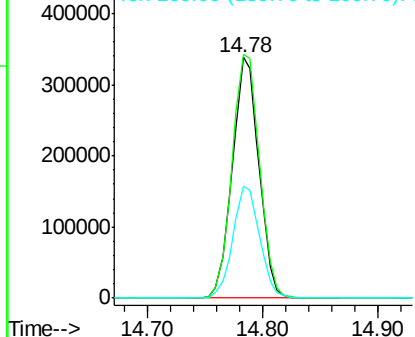


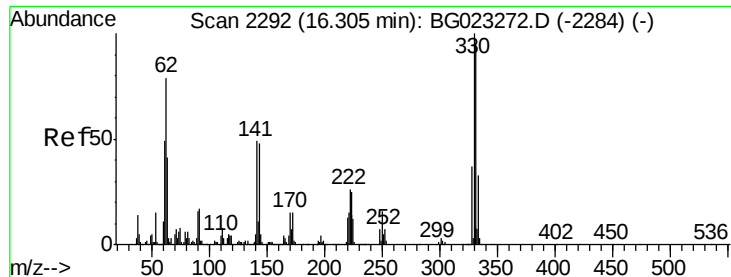
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.03 min
Lab File: BG023376.D
Acq: 31 Jul 2016 20:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	87.7	131.5
160	46.6	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

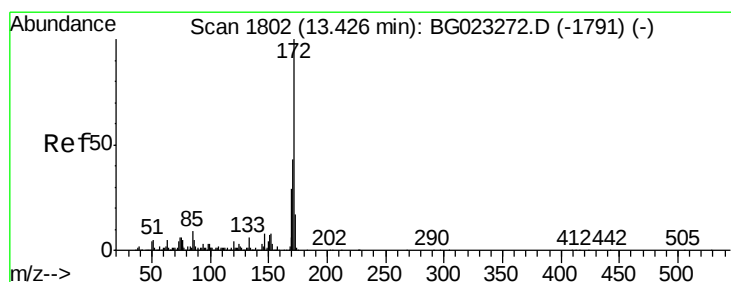
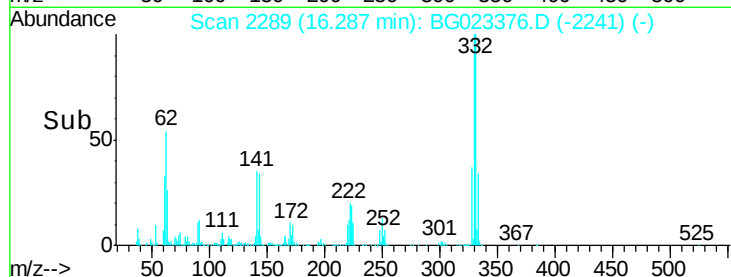
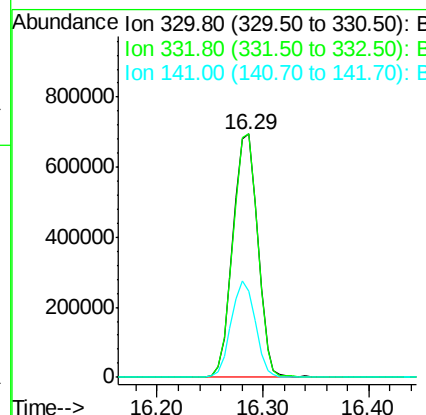
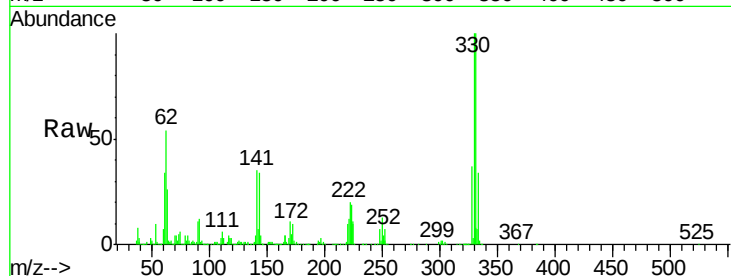




#41
 2,4,6-Tribromophenol
 Concen: 203.54 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BG023376.D
 Acq: 31 Jul 2016 20:19

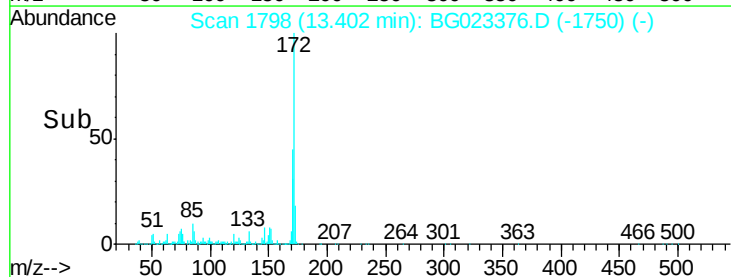
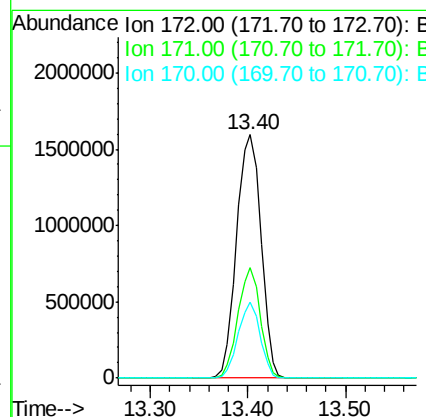
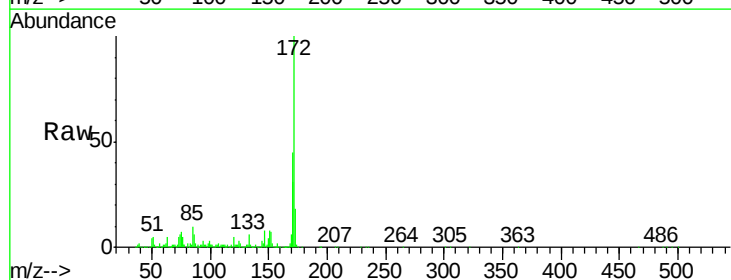
Instrument :
 BNA_G
 ClientSampleId :

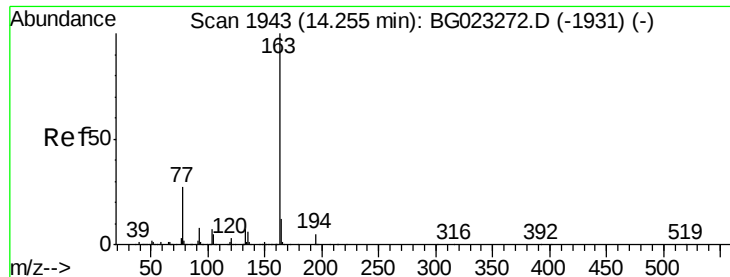
Tot Ion:330 Resp: 1131227
 Ion Ratio Lower Upper
 330 100
 332 99.4 77.4 116.2
 141 38.4 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 96.83 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG023376.D
 Acq: 31 Jul 2016 20:19

Tgt Ion:172 Resp: 2778113
 Ion Ratio Lower Upper
 172 100
 171 45.4 31.6 47.4
 170 31.2 21.3 31.9





#49

Dimethylphthalate

Concen: 26.94 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.03 min

Lab File: BG023376.D

Acq: 31 Jul 2016 20:19

Instrument :

BNA_G

ClientSampled :

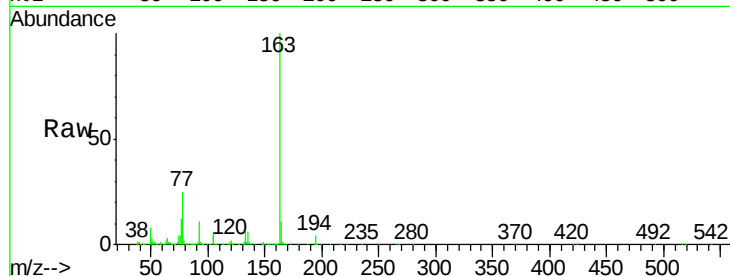
Tot Ion:163 Resp: 1067585

Ion Ratio Lower Upper

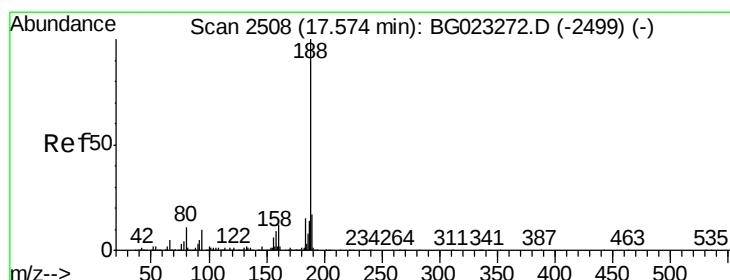
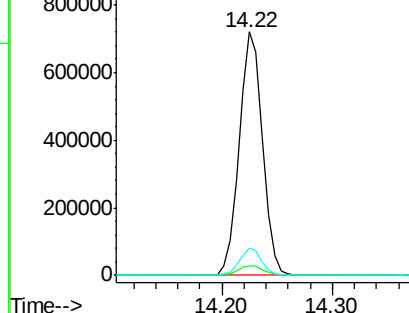
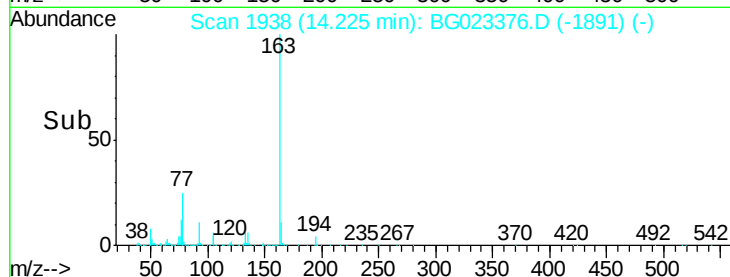
163 100

194 3.6 3.6 5.4

164 11.2 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: 17.54 min Scan# 2503

Delta R.T. -0.03 min

Lab File: BG023376.D

Acq: 31 Jul 2016 20:19

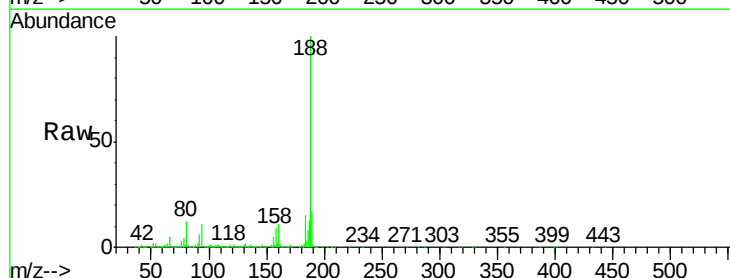
Tgt Ion:188 Resp: 1375308

Ion Ratio Lower Upper

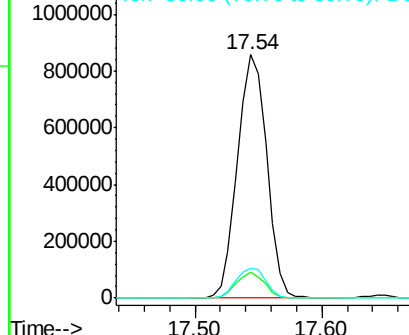
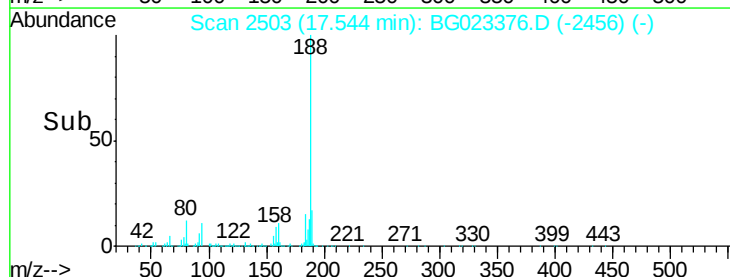
188 100

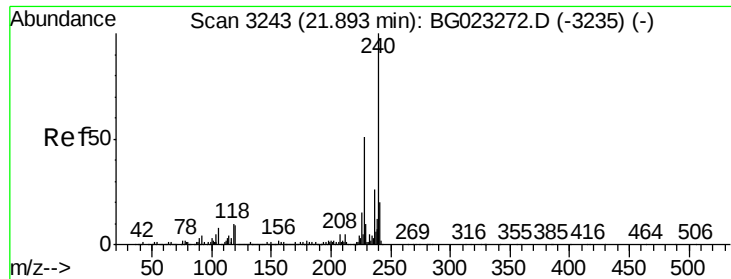
94 10.5 5.2 7.8#

80 12.4 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# 3237

Delta R.T. -0.03 min

Lab File: BG023376.D

Acq: 31 Jul 2016 20:19

Instrument :

BNA_G

ClientSampleId :

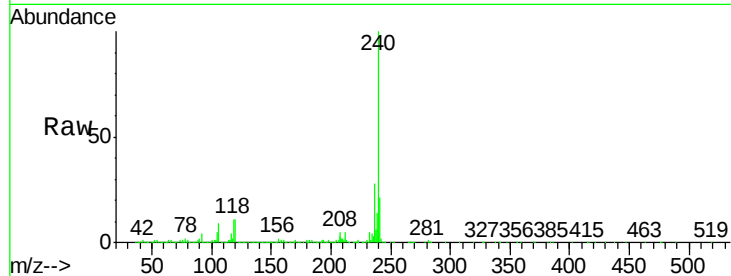
Tot Ion:240 Resp: 1202292

Ion Ratio Lower Upper

240 100

120 11.2 4.1 6.1#

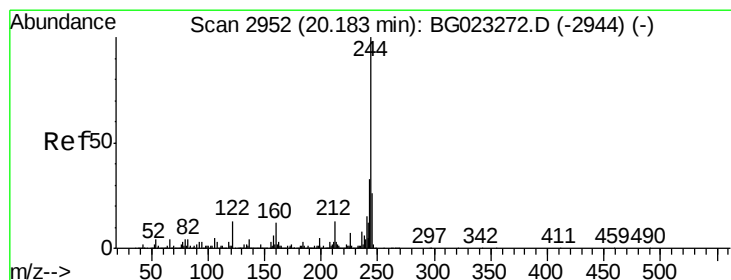
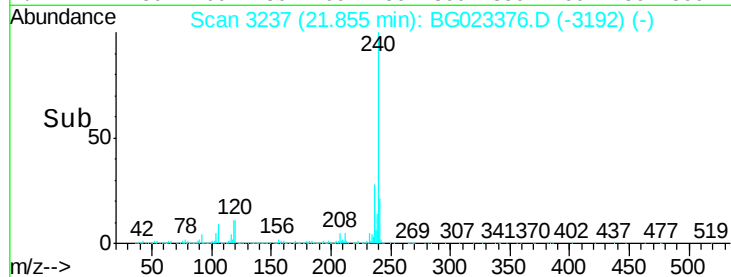
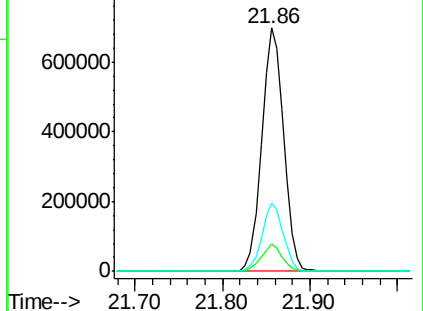
236 27.8 21.1 31.7



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: 95.85 ng

RT: 20.16 min Scan# 2948

Delta R.T. -0.02 min

Lab File: BG023376.D

Acq: 31 Jul 2016 20:19

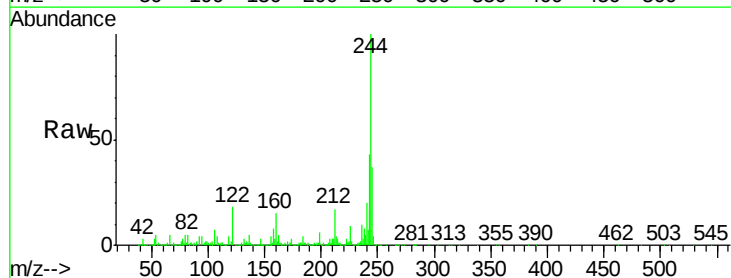
Tgt Ion:244 Resp: 3545146

Ion Ratio Lower Upper

244 100

212 16.5 10.8 16.2#

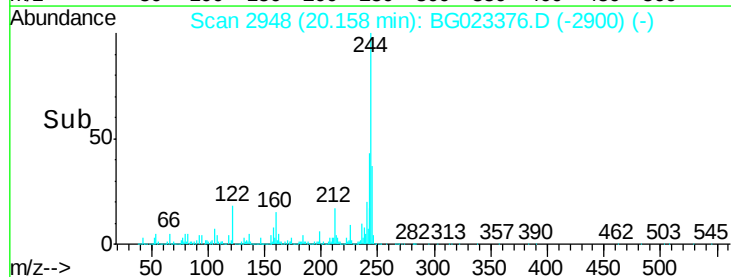
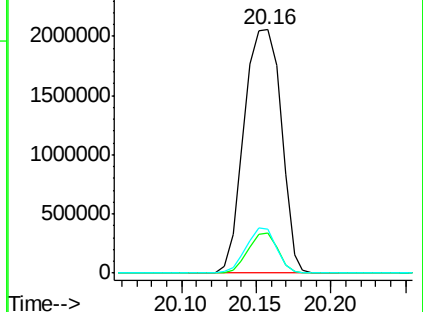
122 17.9 8.0 12.0#

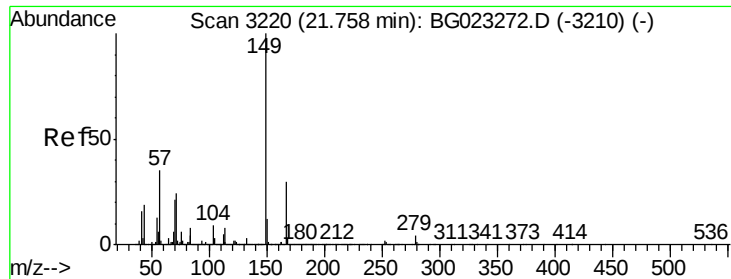


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

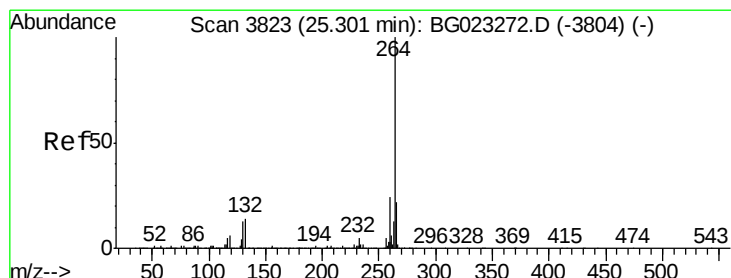
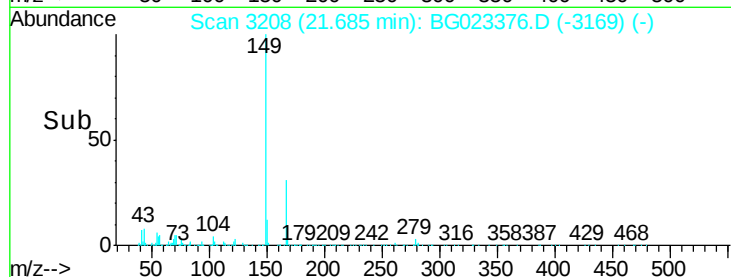
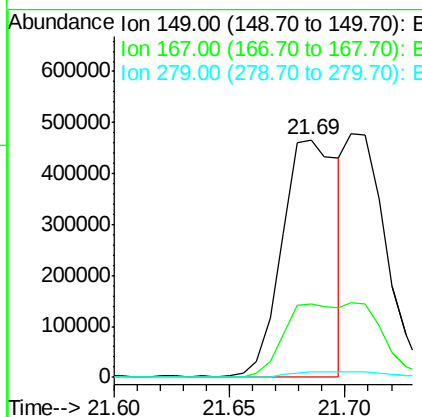
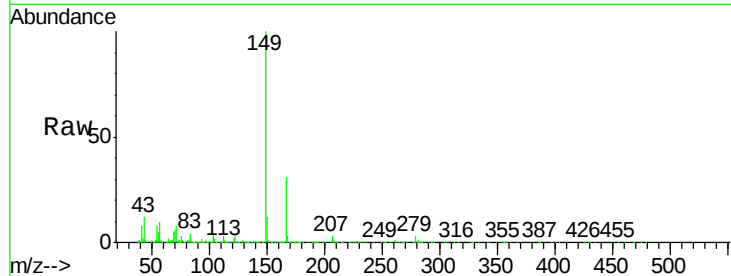




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 18.61 ng
 RT: 21.69 min Scan# 3208
 Delta R.T. -0.07 min
 Lab File: BG023376.D
 Acq: 31 Jul 2016 20:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 781588
 Ion Ratio Lower Upper
 149 100
 167 31.0 24.0 36.0
 279 2.6 4.8 7.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.24 min Scan# 3813
 Delta R.T. -0.06 min
 Lab File: BG023376.D
 Acq: 31 Jul 2016 20:19

Tgt Ion:264 Resp: 1183069
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.4 27.6
 265 21.9 18.9 28.3

