

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
 Data File : BG021623.D
 Acq On : 13 Apr 2016 16:16
 Operator : UM/SJ
 Sample : H2480-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 13 18:01:40 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

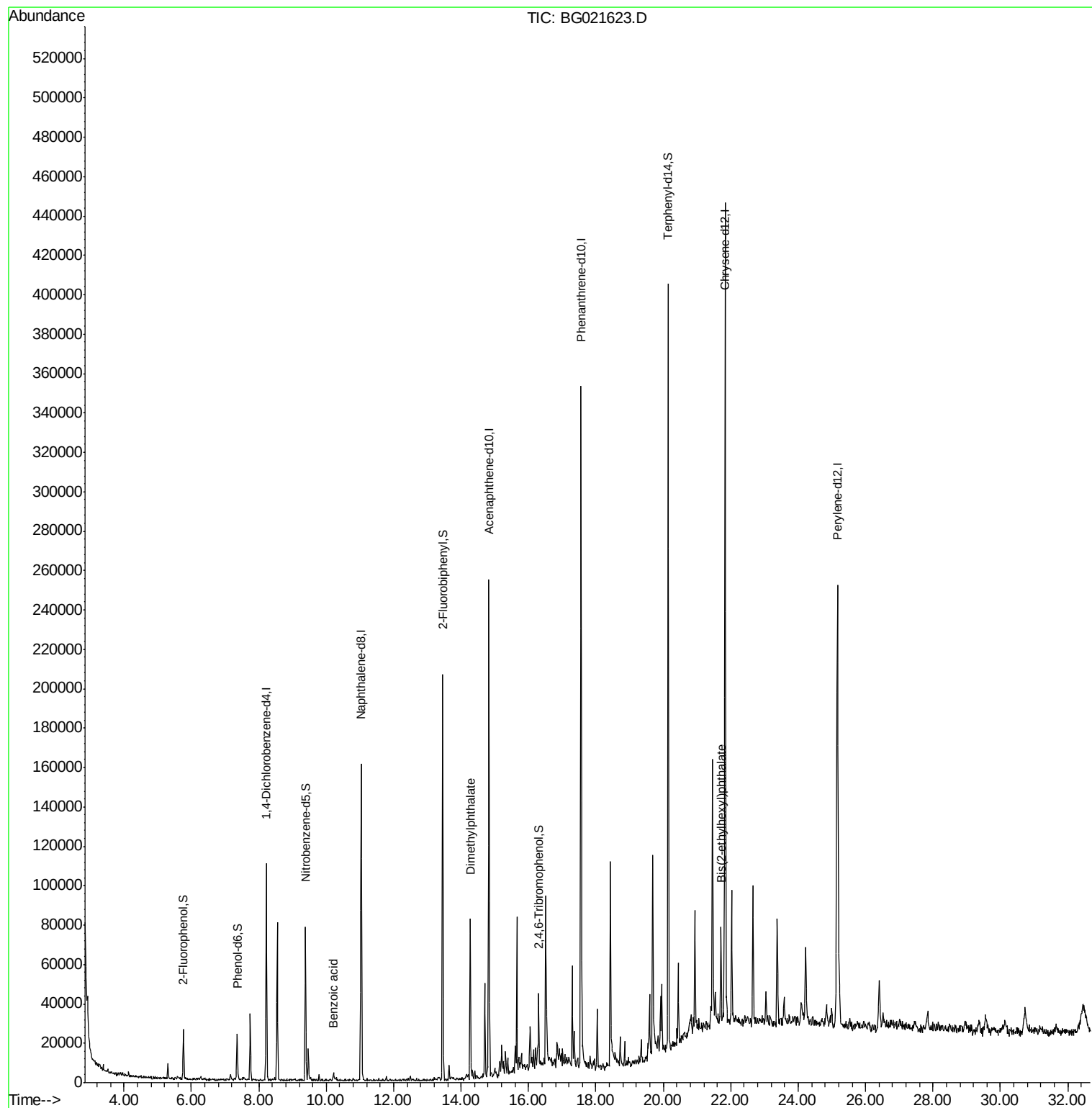
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	30813	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	136749	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	86288	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	206926	20.00	ng	0.00
75) Chrysene-d12	21.83	240	249173	20.00	ng	0.00
86) Perylene-d12	25.16	264	245227	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	11486	6.21	ng	0.00
7) Phenol-d6	7.36	99	13534	4.90	ng	0.00
23) Nitrobenzene-d5	9.38	82	47436	17.83	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	6239	6.71	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	105499	17.91	ng	0.00
78) Terphenyl-d14	20.15	244	165213	16.54	ng	0.00
Target Compounds						
32) Benzoic acid	10.22	122	1829	5.76	ng	93
49) Dimethylphthalate	14.27	163	51205	6.86	ng	99
83) Bis(2-ethylhexyl)phthalate	21.71	149	19802	2.03	ng	98

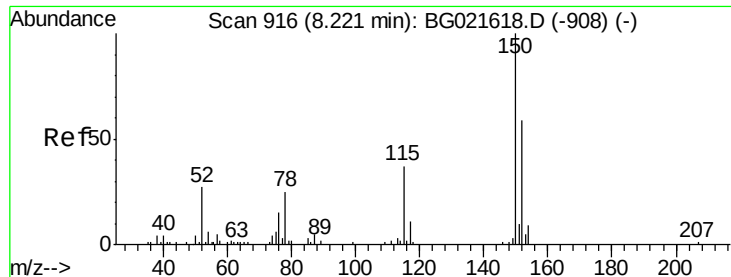
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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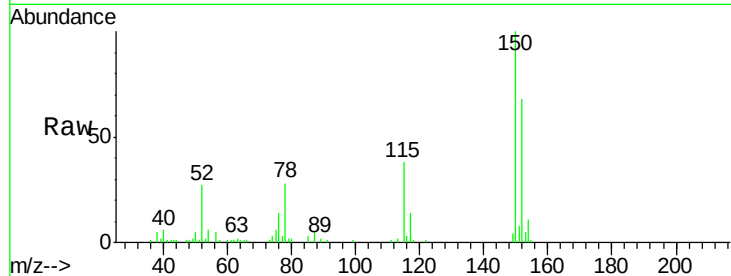


#1

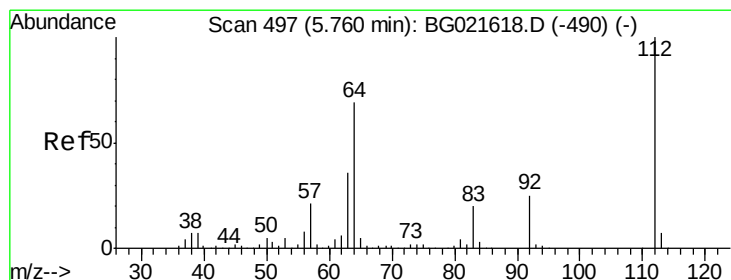
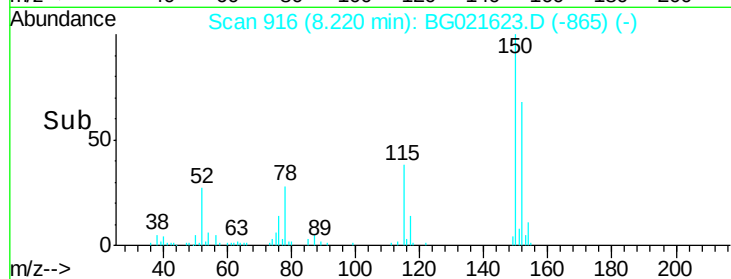
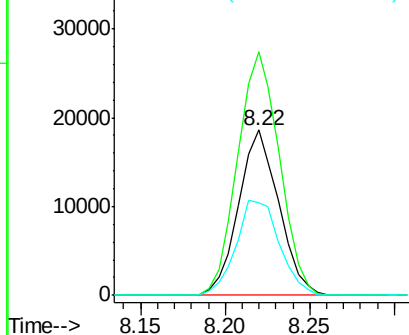
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG021623.D
Acq: 13 Apr 2016 16:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30813
Ion Ratio Lower Upper
152 100
150 147.3 130.1 195.1
115 56.2 62.2 93.2#



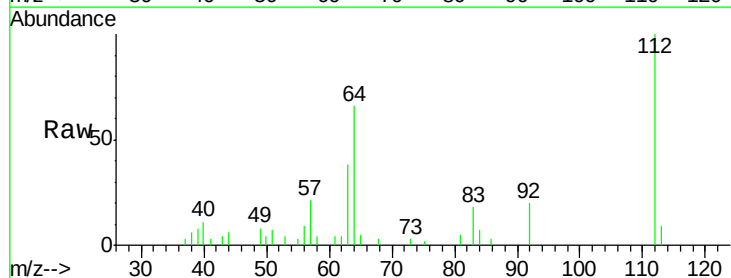
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



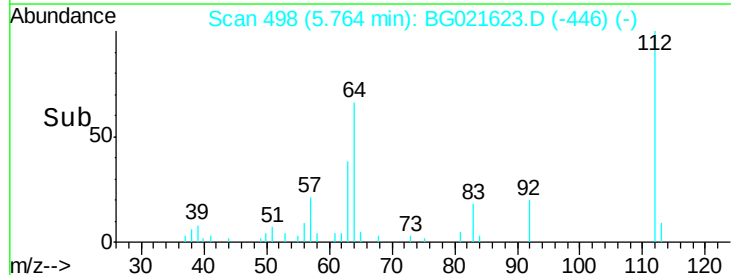
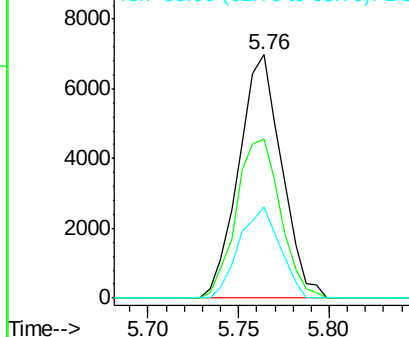
#5

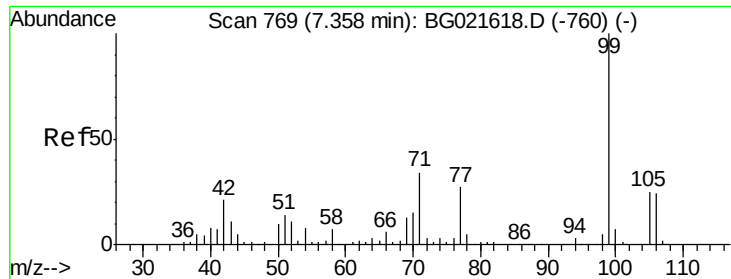
2-Fluorophenol
Concen: 6.21 ng
RT: 5.76 min Scan# 498
Delta R.T. 0.00 min
Lab File: BG021623.D
Acq: 13 Apr 2016 16:16

Tgt Ion:112 Resp: 11486
Ion Ratio Lower Upper
112 100
64 65.6 51.1 76.7
63 37.6 24.6 37.0#



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: 4.90 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG021623.D

Acq: 13 Apr 2016 16:16

Instrument :

BNA_G

ClientSampled :

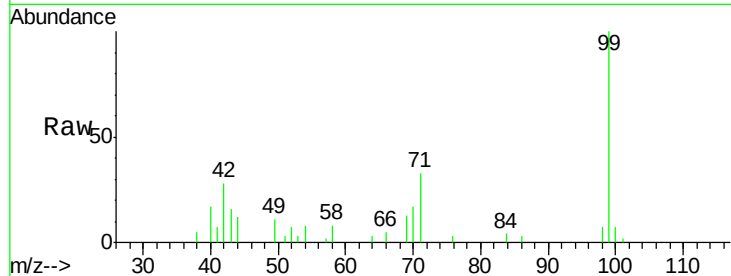
Tot Ion: 99 Resp: 13534

Ion Ratio Lower Upper

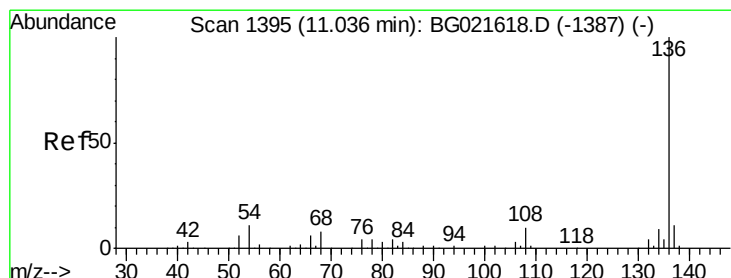
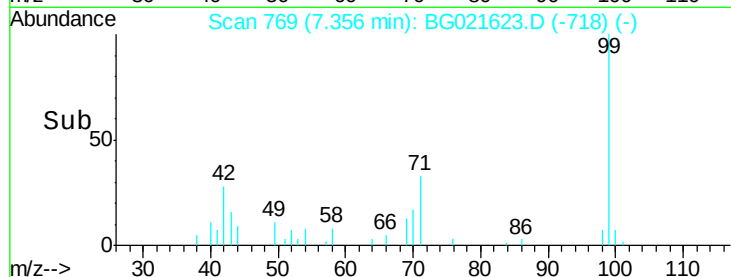
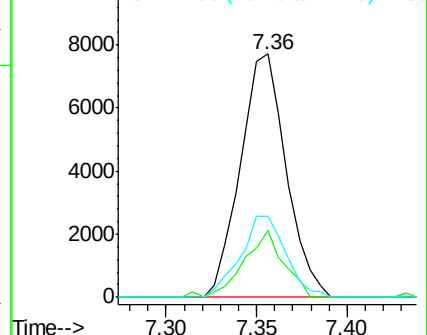
99 100

42 27.6 16.4 24.6#

71 33.4 25.0 37.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG021623.D

Acq: 13 Apr 2016 16:16

Tgt Ion: 136 Resp: 136749

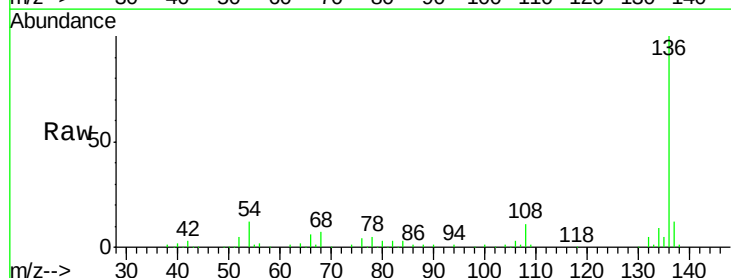
Ion Ratio Lower Upper

136 100

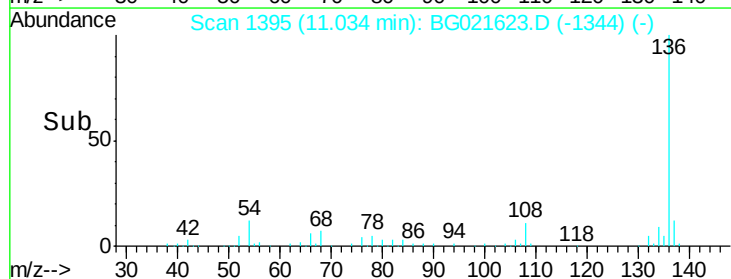
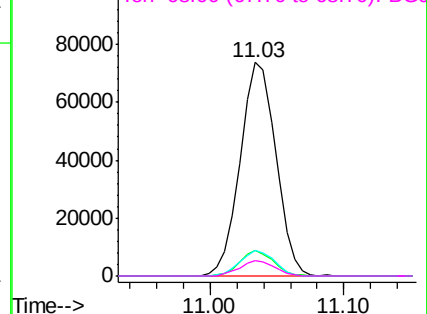
137 12.2 9.0 13.4

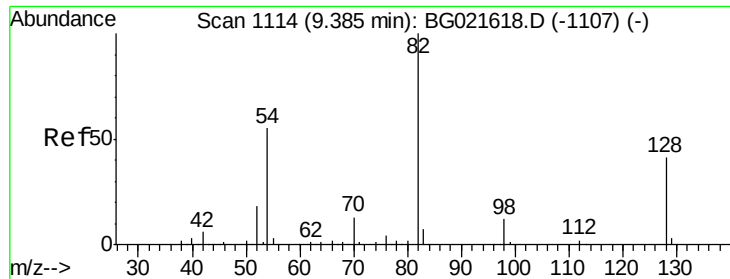
54 12.2 9.6 14.4

68 6.9 6.4 9.6



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

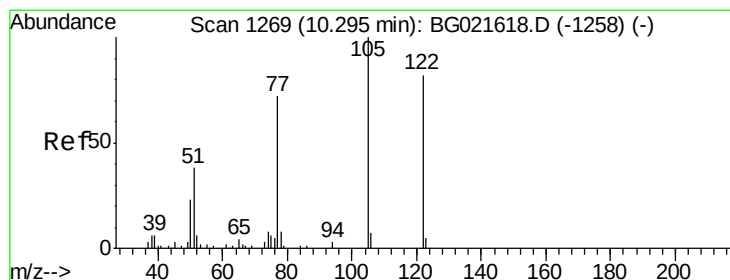
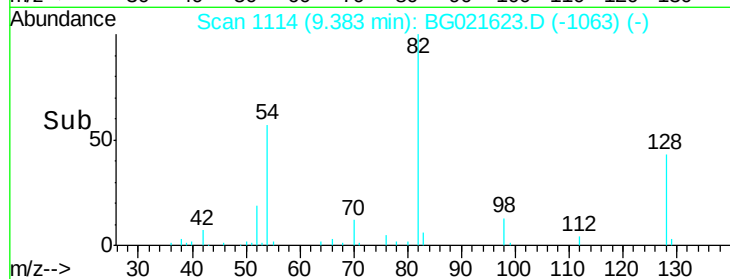
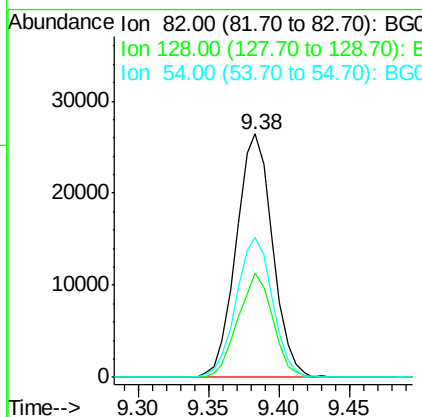
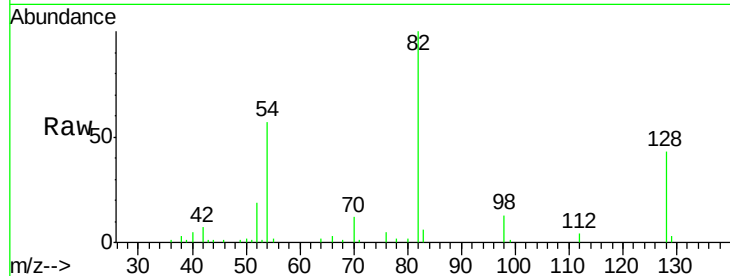




#23
 Nitrobenzene-d5
 Concen: 17.83 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021623.D
 Acq: 13 Apr 2016 16:16

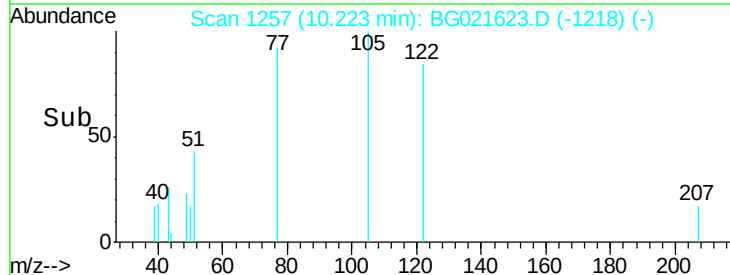
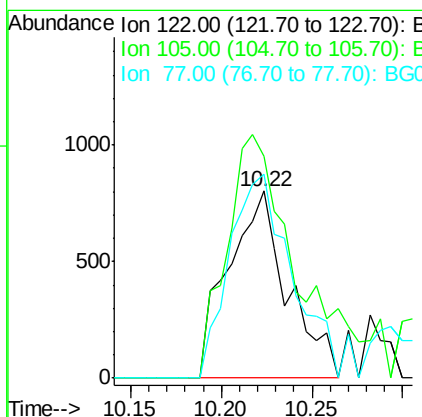
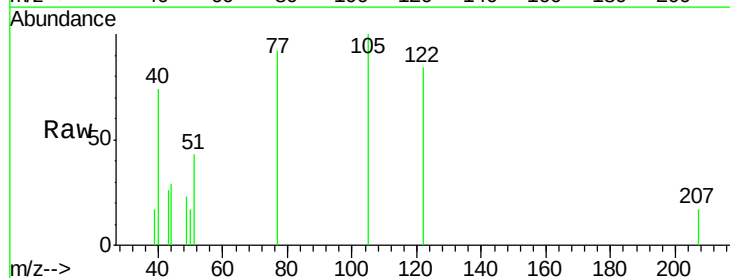
Instrument :
 BNA_G
 ClientSampleId :

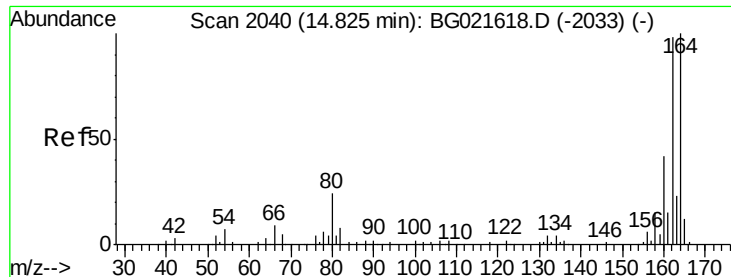
Tot Ion: 82 Resp: 47436
 Ion Ratio Lower Upper
 82 100
 128 42.5 33.4 50.0
 54 57.5 46.1 69.1



#32
 Benzoic acid
 Concen: 5.76 ng
 RT: 10.22 min Scan# 1257
 Delta R.T. -0.07 min
 Lab File: BG021623.D
 Acq: 13 Apr 2016 16:16

Tgt Ion:122 Resp: 1829
 Ion Ratio Lower Upper
 122 100
 105 119.1 104.5 144.5
 77 109.2 79.9 119.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.82 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG021623.D

Acq: 13 Apr 2016 16:16

Instrument :

BNA_G

ClientSampleId :

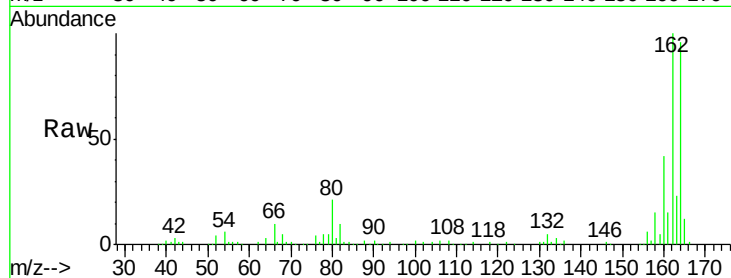
Tot Ion:164 Resp: 86288

Ion Ratio Lower Upper

164 100

162 104.5 78.0 117.0

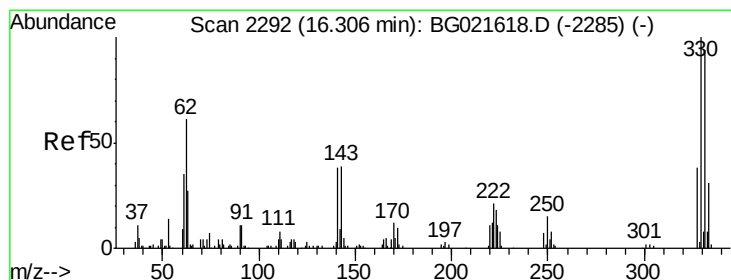
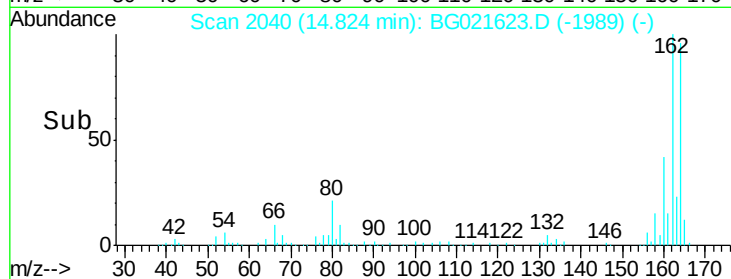
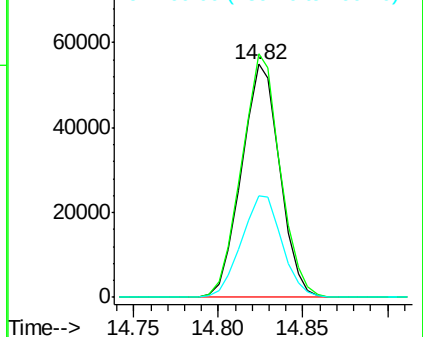
160 43.7 32.9 49.3



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: 6.71 ng

RT: 16.30 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BG021623.D

Acq: 13 Apr 2016 16:16

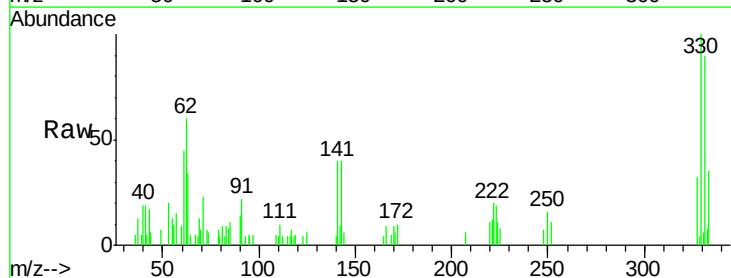
Tgt Ion:330 Resp: 6239

Ion Ratio Lower Upper

330 100

332 95.8 78.0 117.0

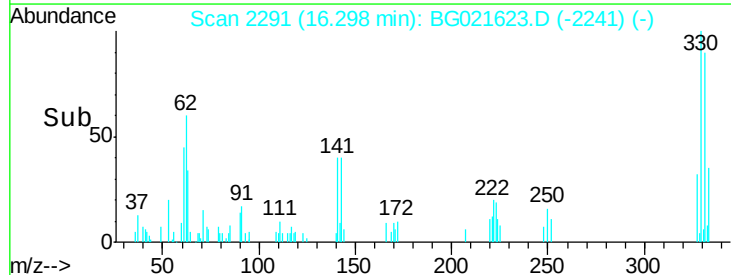
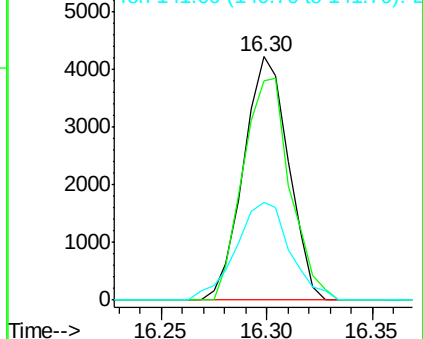
141 48.2 33.8 50.8

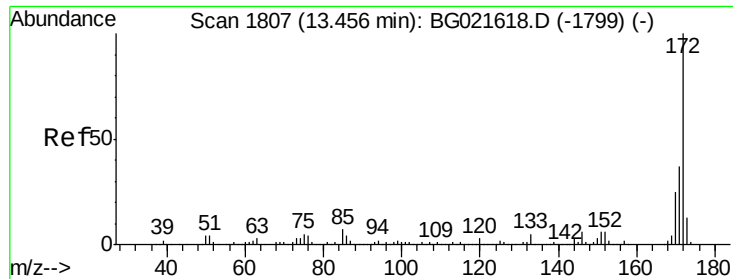


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

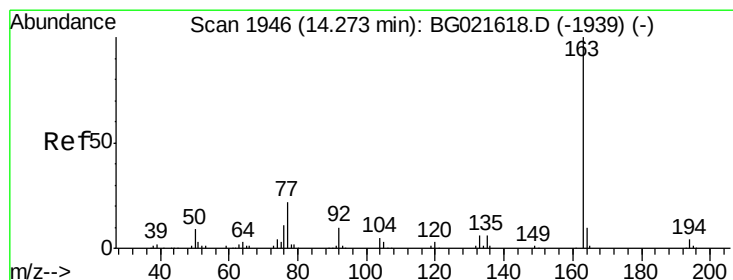
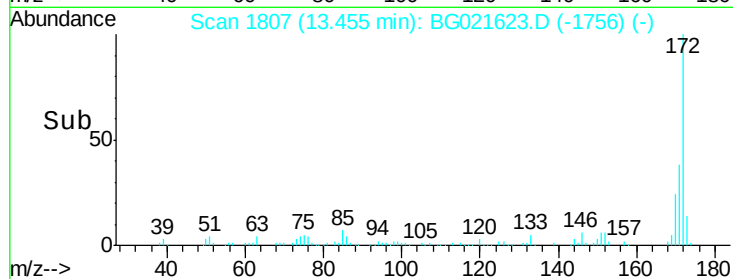
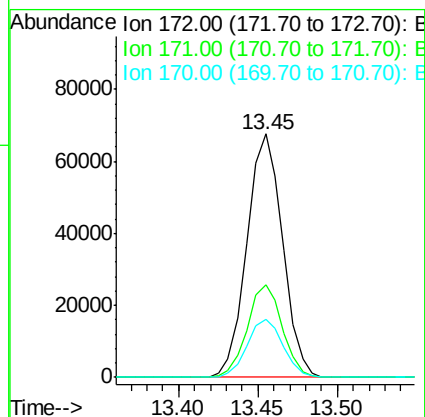
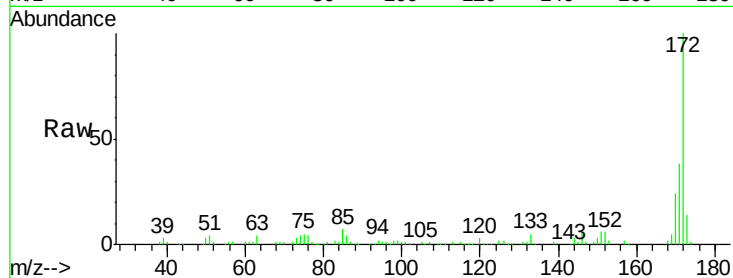




#44
2-Fluorobiphenyl
Concen: 17.91 ng
RT: 13.45 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG021623.D
Acq: 13 Apr 2016 16:16

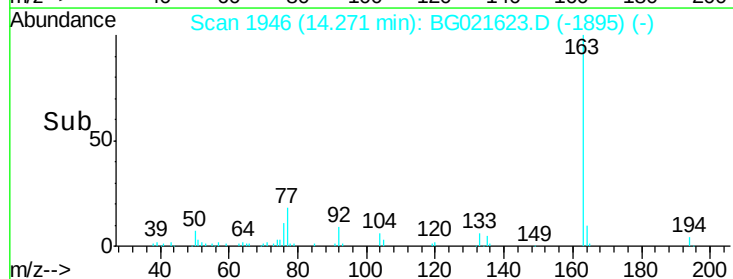
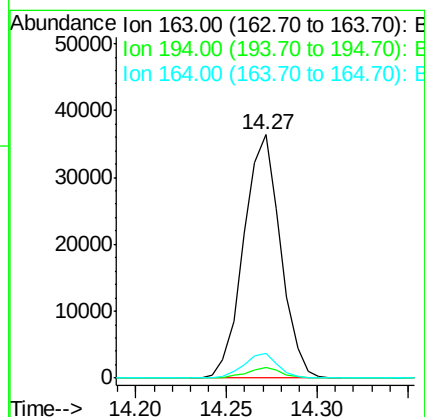
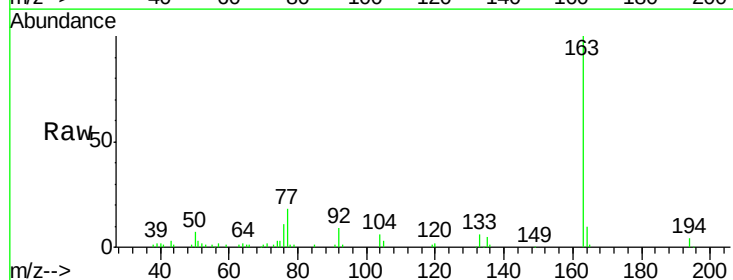
Instrument :
BNA_G
ClientSampleId :

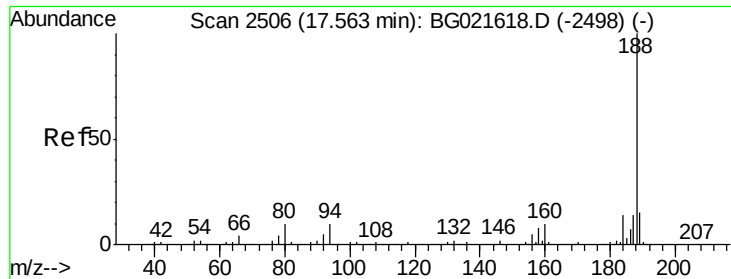
Tot Ion:172 Resp: 105499
Ion Ratio Lower Upper
172 100
171 38.2 27.8 41.6
170 23.7 19.6 29.4



#49
Dimethylphthalate
Concen: 6.86 ng
RT: 14.27 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG021623.D
Acq: 13 Apr 2016 16:16

Tgt Ion:163 Resp: 51205
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.3 8.1 12.1

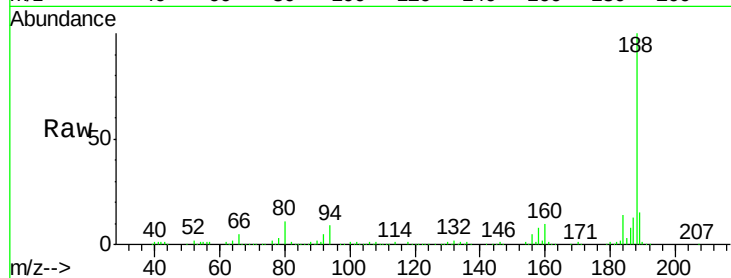




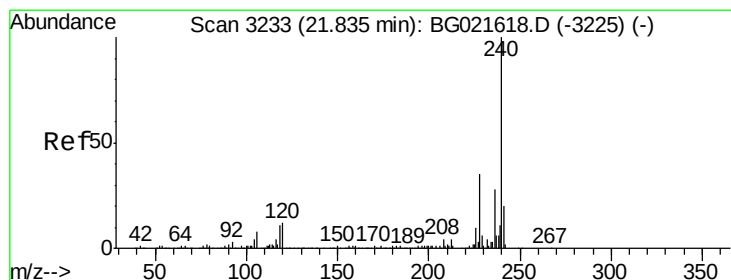
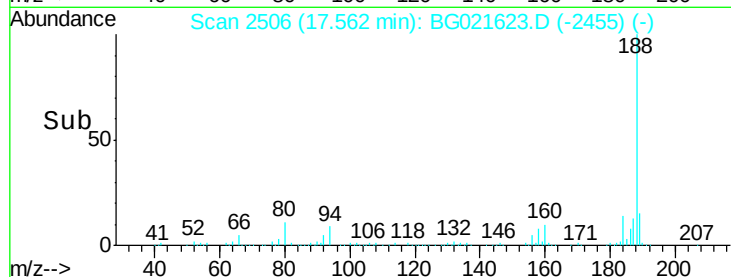
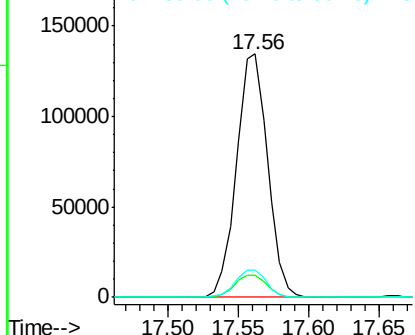
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG021623.D
Acq: 13 Apr 2016 16:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 206926
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 11.1 8.6 13.0

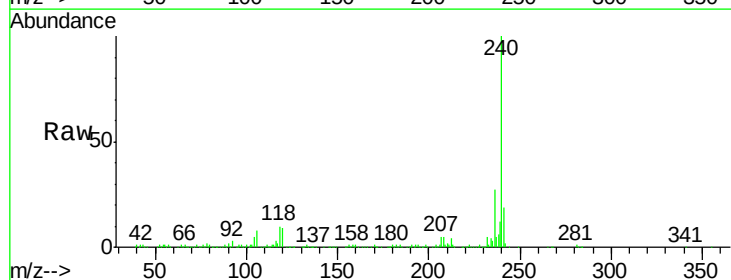


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

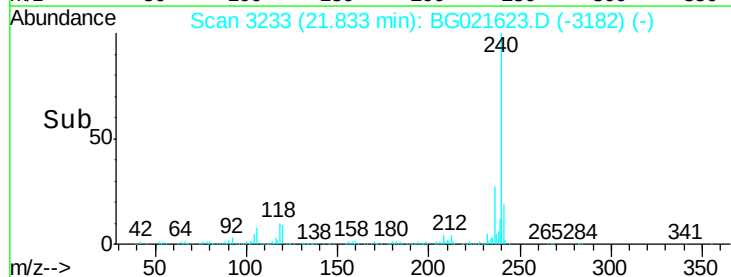
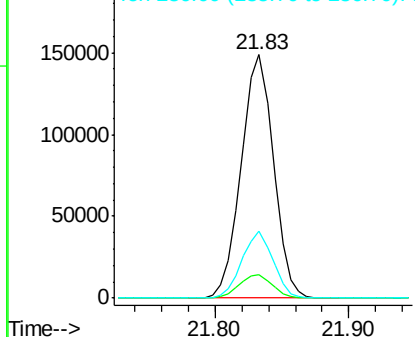


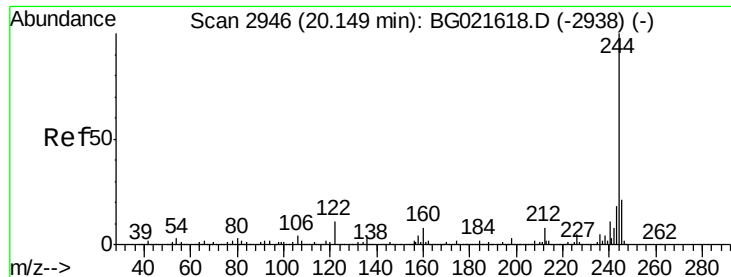
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3233
Delta R.T. -0.00 min
Lab File: BG021623.D
Acq: 13 Apr 2016 16:16

Tgt Ion:240 Resp: 249173
Ion Ratio Lower Upper
240 100
120 9.4 8.4 12.6
236 27.4 19.6 29.4



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: 16.54 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BG021623.D

Acq: 13 Apr 2016 16:16

Instrument :

BNA_G

ClientSampleId :

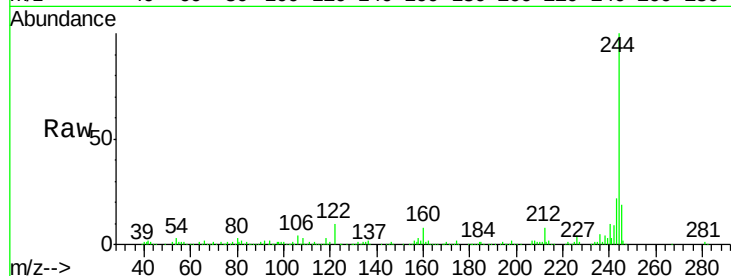
Tot Ion:244 Resp: 165213

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

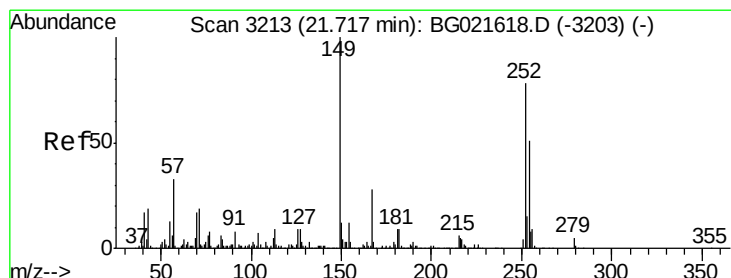
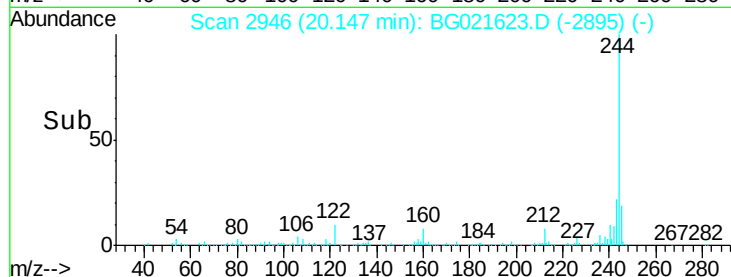
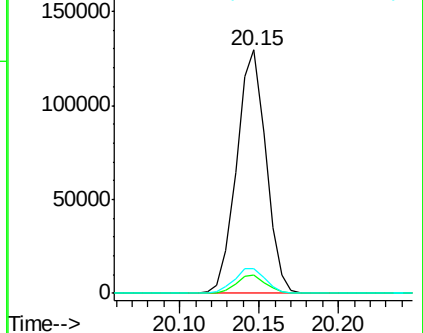
122 10.4 8.6 12.8



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: 2.03 ng

RT: 21.71 min Scan# 3212

Delta R.T. -0.01 min

Lab File: BG021623.D

Acq: 13 Apr 2016 16:16

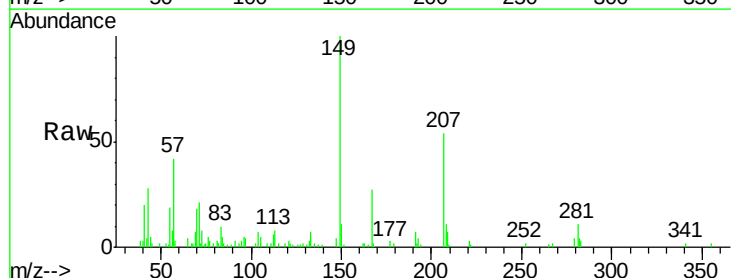
Tgt Ion:149 Resp: 19802

Ion Ratio Lower Upper

149 100

167 26.8 22.4 33.6

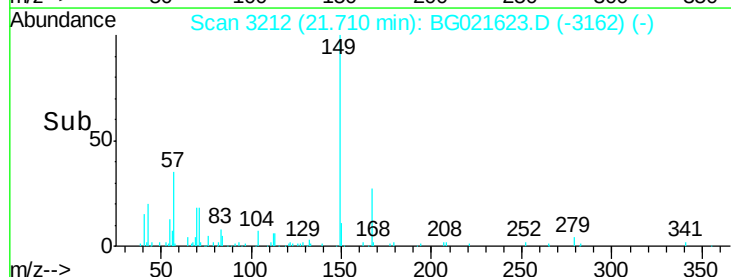
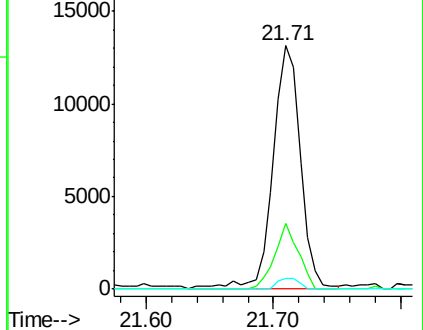
279 4.2 3.2 4.8

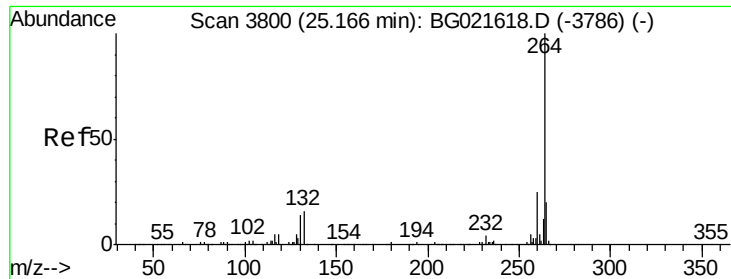


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3800
Delta R.T. -0.00 min
Lab File: BG021623.D
Acq: 13 Apr 2016 16:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.2	30.4
265	21.8	17.8	26.8

