

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 :
 FRAC-TANK

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

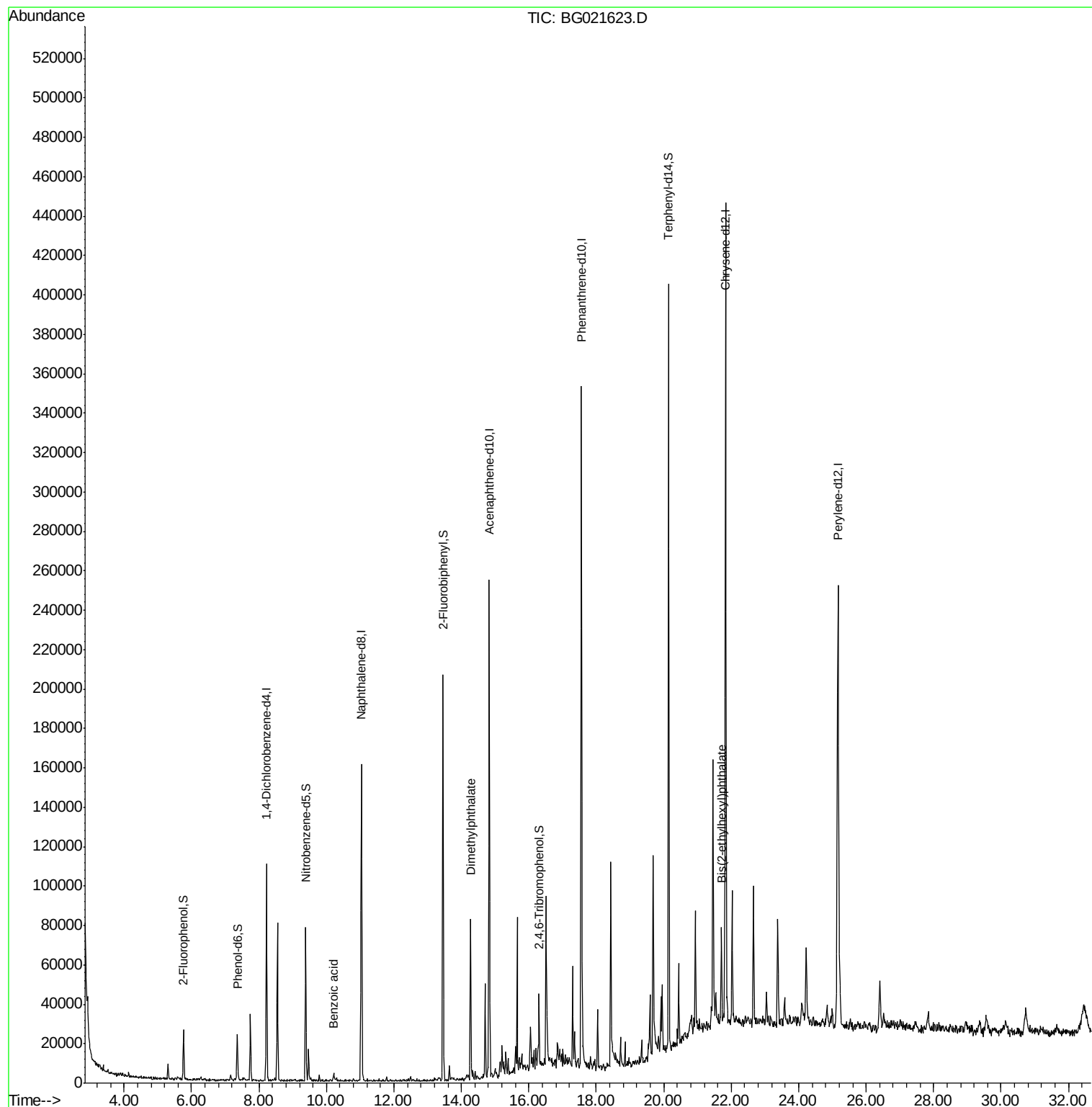
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	30813	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	136749	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	86288	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	206926	20.00	ng	0.00
75) Chrysene-d12	21.83	240	249173	20.00	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

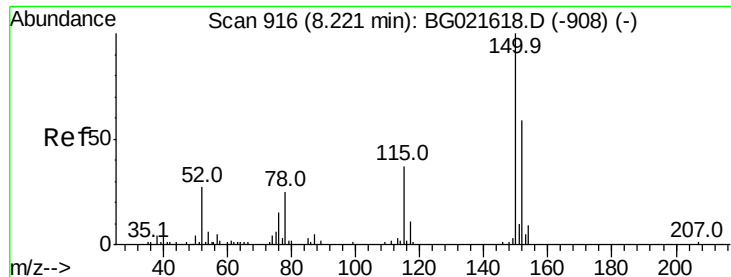
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

FRAC-TANK

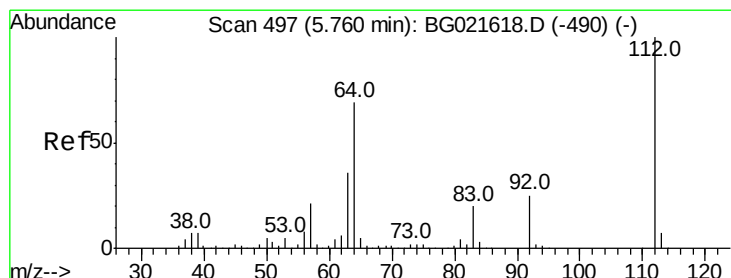
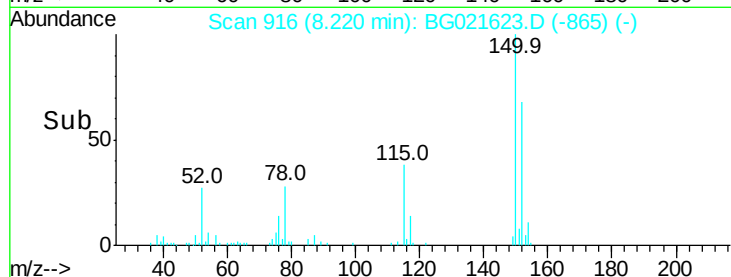
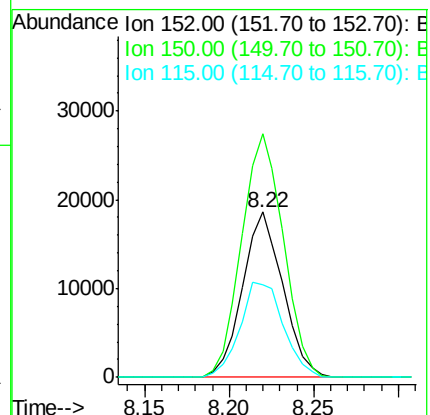
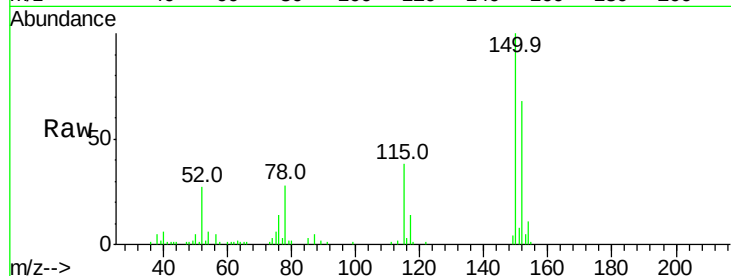
Tot Ion:152 Resp: 30813

Ion Ratio Lower Upper

152 100

150 147.3 130.1 195.1

115 56.2 62.2 93.2#



#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

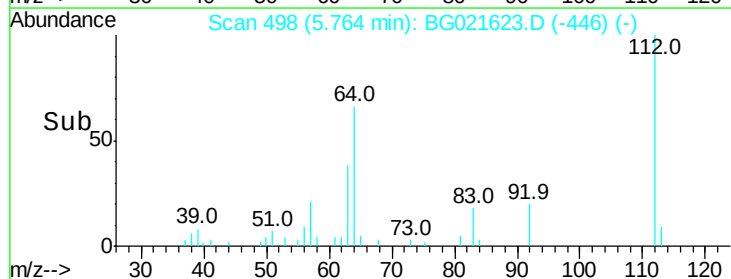
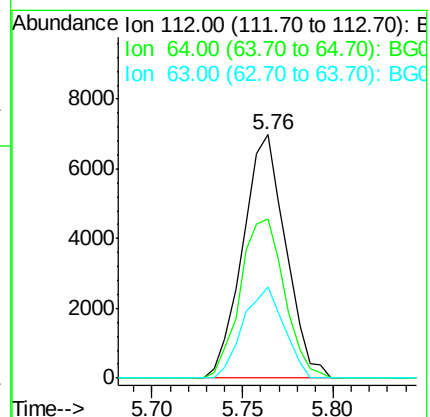
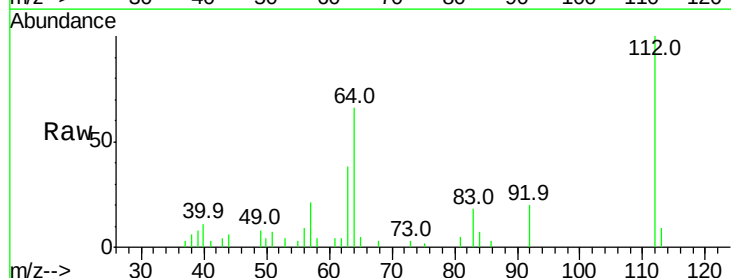
Tgt Ion:112 Resp: 11486

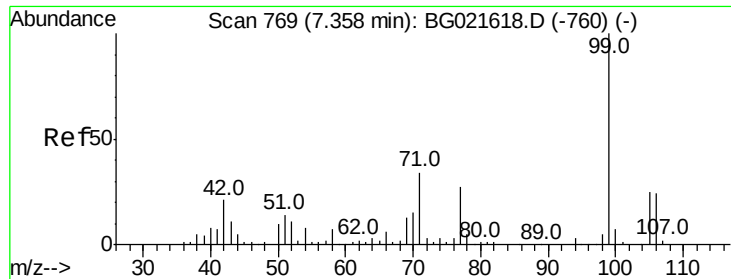
Ion Ratio Lower Upper

112 100

64 65.6 51.1 76.7

63 37.6 24.6 37.0#





#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

ClientSampleId :

FRAC-TANK

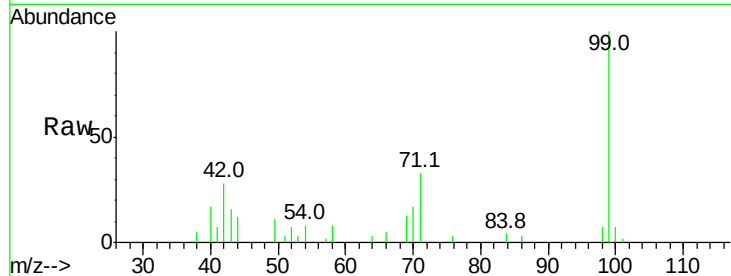
Tot Ion: 99 Resp: 13534

Ion Ratio Lower Upper

99 100

42 27.6 16.4 24.6#

71 33.4 25.0 37.4

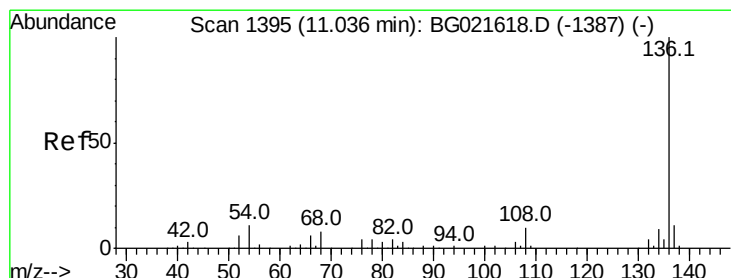
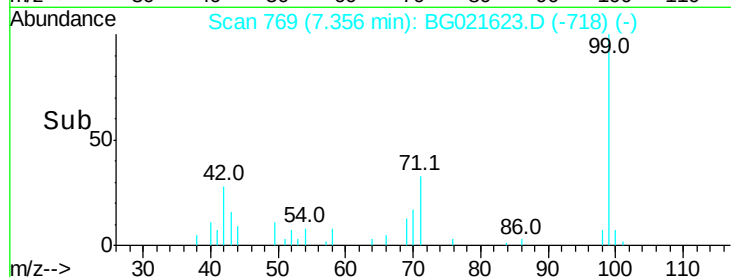
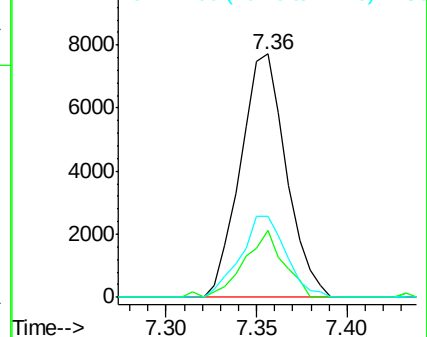


Abundance

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

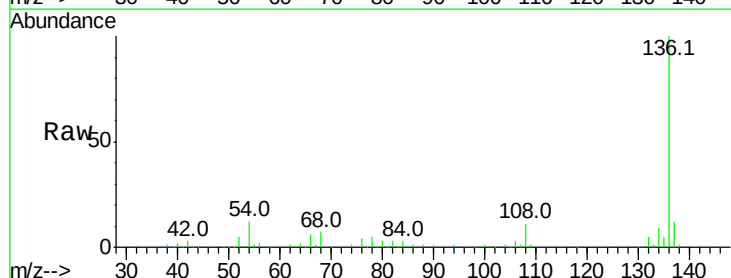
Ion Ratio Lower Upper

136 100

137 12.2 9.0 13.4

54 12.2 9.6 14.4

68 6.9 6.4 9.6



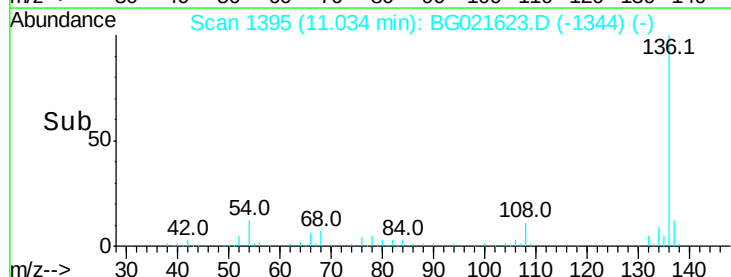
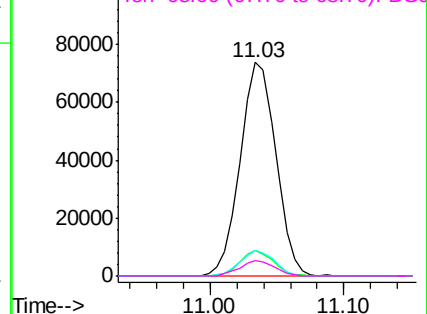
Abundance

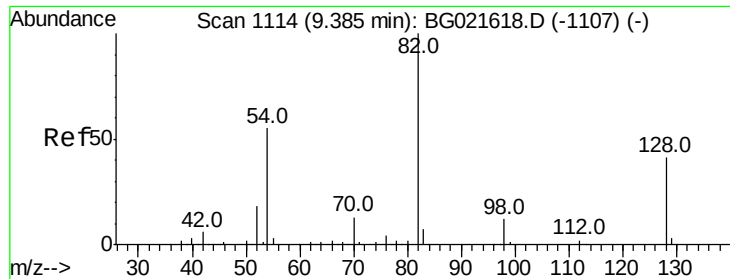
Ion 136.00 (135.70 to 136.70): BGC

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

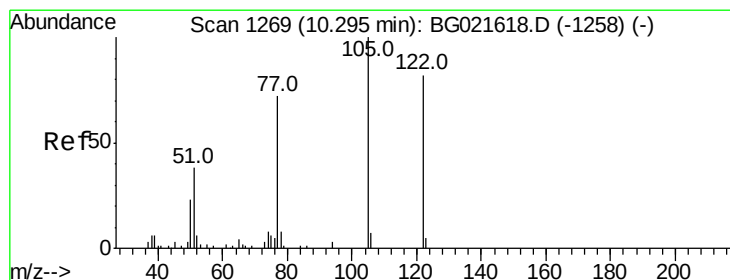
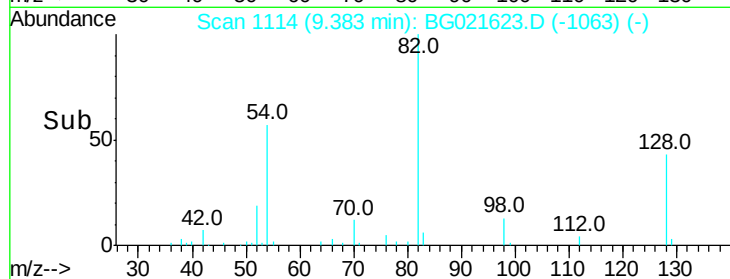
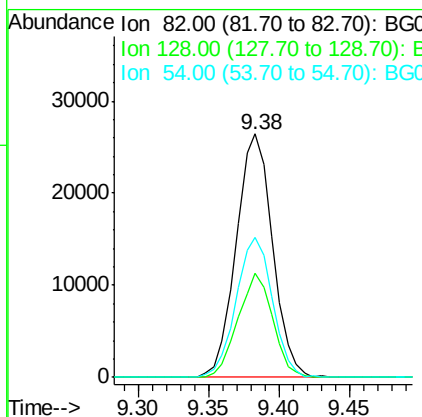
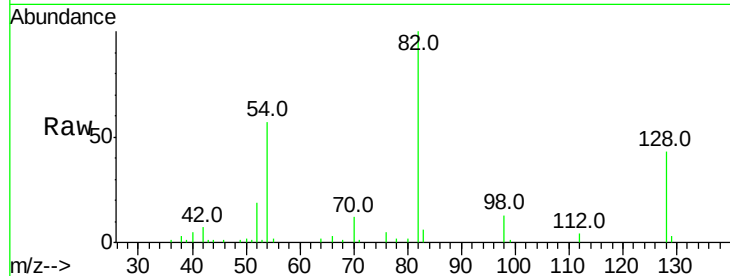




#23
 Nitrobenzene-d5
 Concen: 17.83 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021623.D
 Acq: 13 Apr 2016 16:16

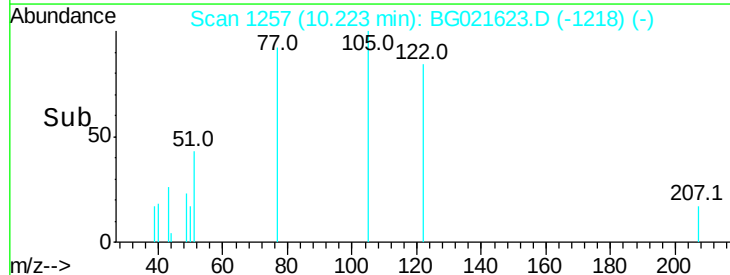
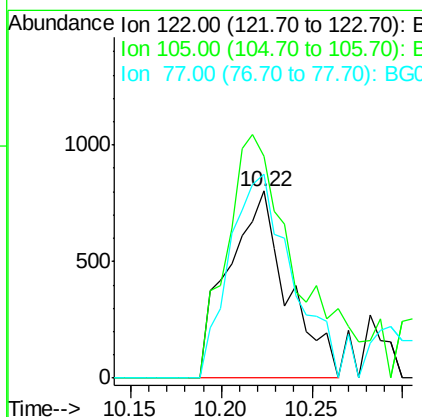
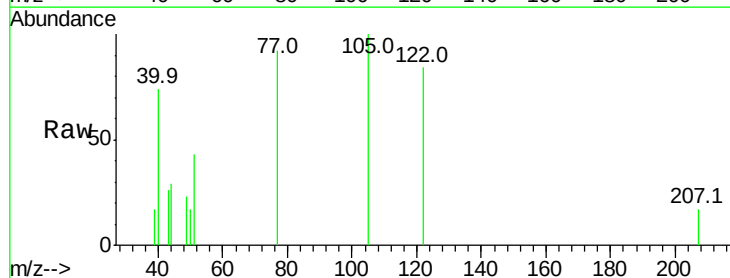
Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK

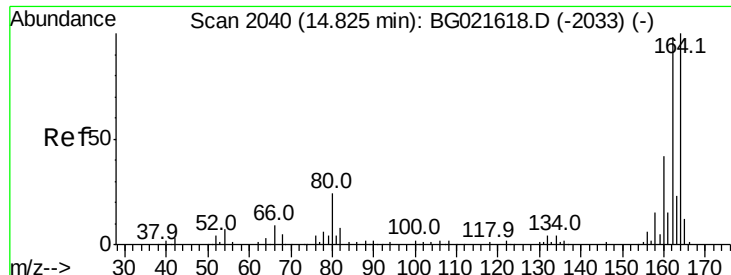
Tot Ion: 82 Resp: 47436
 Ion Ratio Lower Upper
 82 100
 128 42.5 33.4 50.0
 54 57.5 46.1 69.1



#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

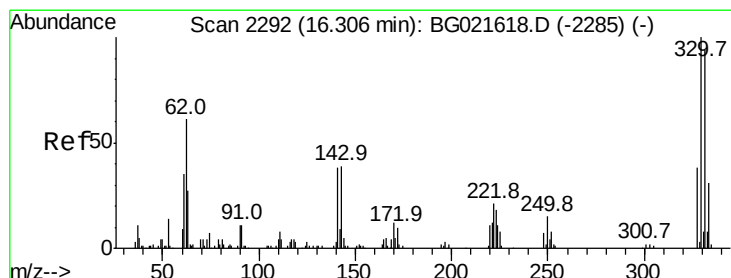
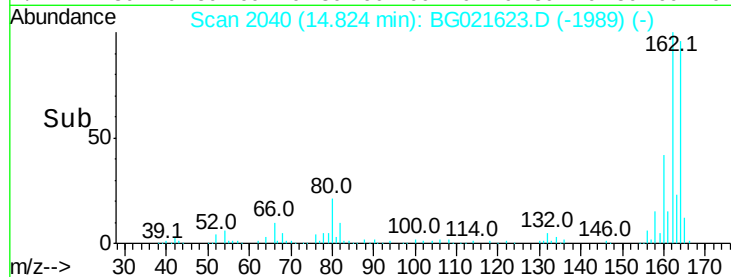
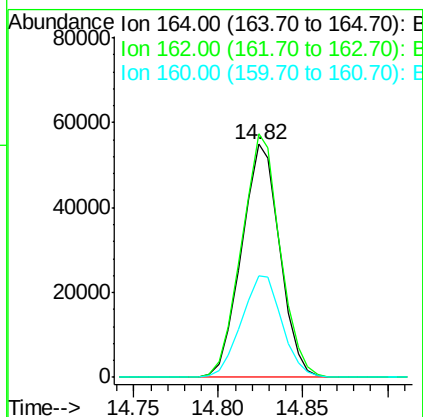
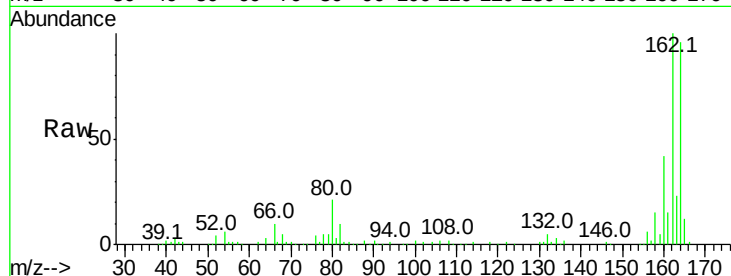




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021623.D
 Acq: 13 Apr 2016 16:16

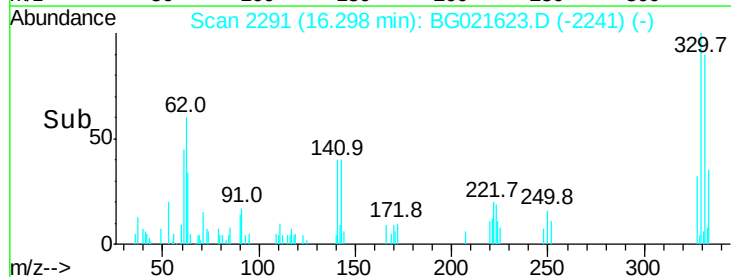
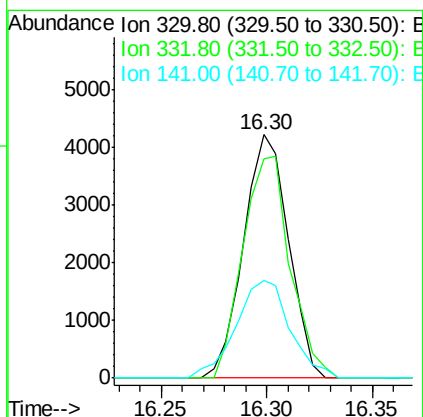
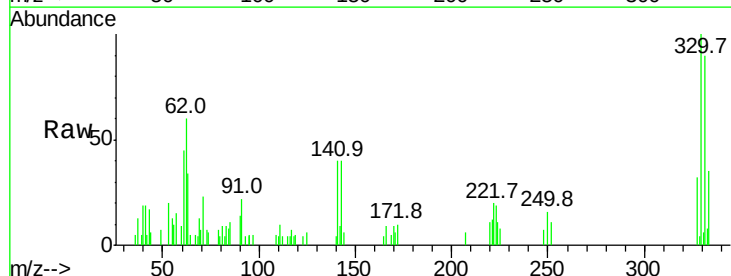
Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK

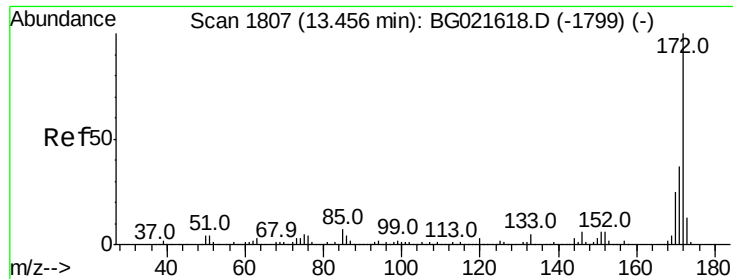
Tot Ion:164 Resp: 86288
 Ion Ratio Lower Upper
 164 100
 162 104.5 78.0 117.0
 160 43.7 32.9 49.3



#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

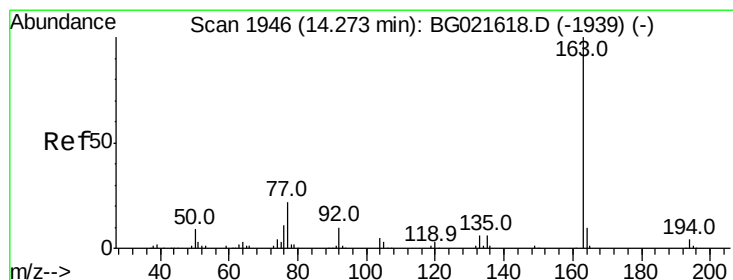
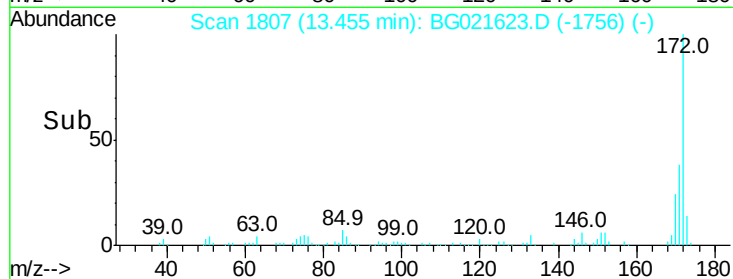
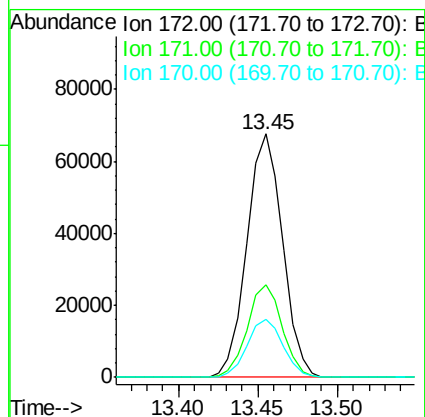
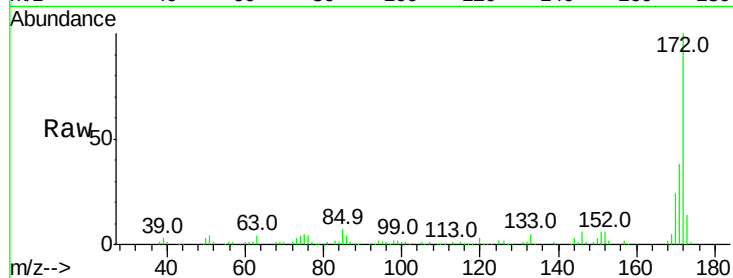




#44
2-Fluorobiphenyl
Concen: 17.91 ng
RT: 13.45 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG021623.D
Acq: 13 Apr 2016 16:16

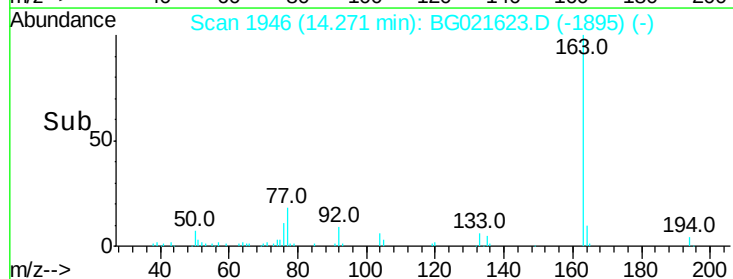
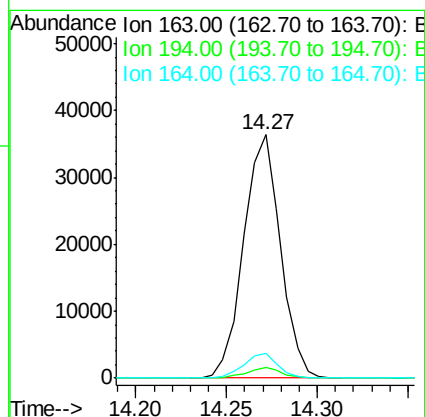
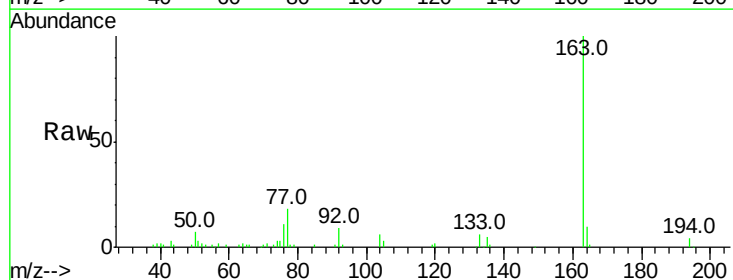
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK

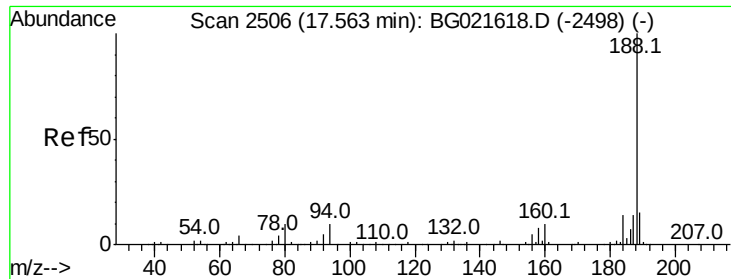
Tot Ion:172 Resp: 105499
Ion Ratio Lower Upper
172 100
171 38.2 27.8 41.6
170 23.7 19.6 29.4



#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 :

FRAC-TANK

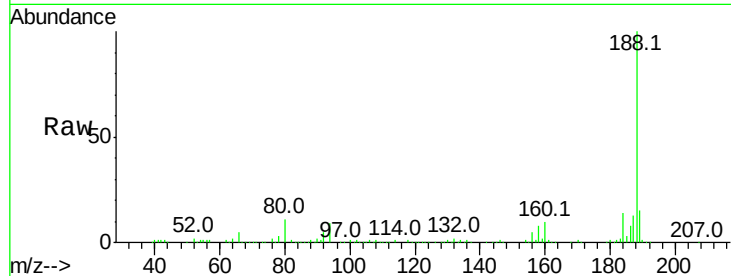
Tot Ion:188 Resp: 206926

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

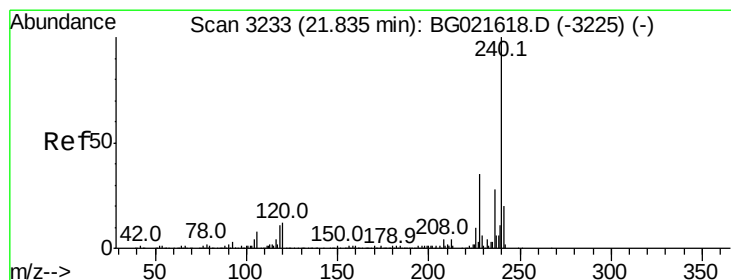
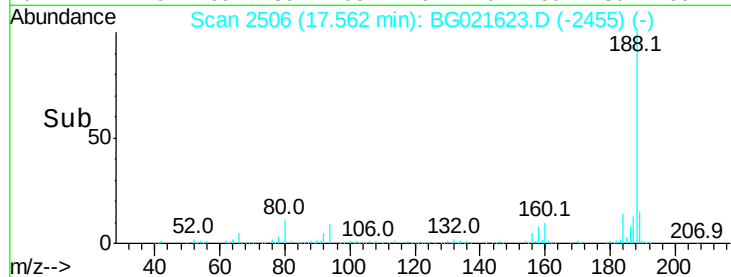
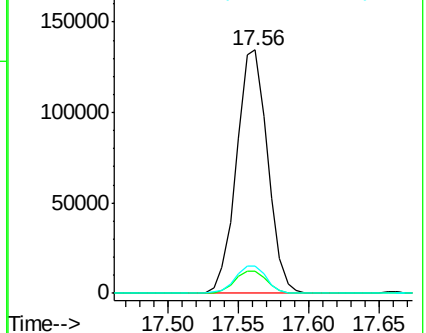
80 11.1 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#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

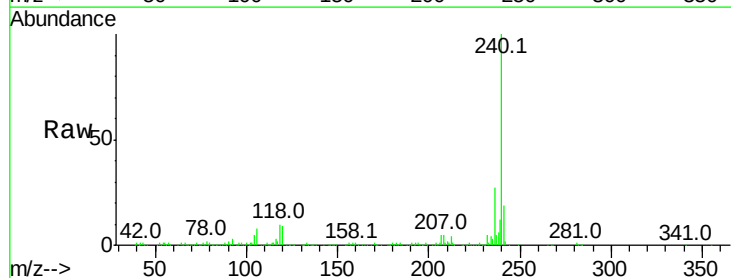
Tgt Ion:240 Resp: 249173

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

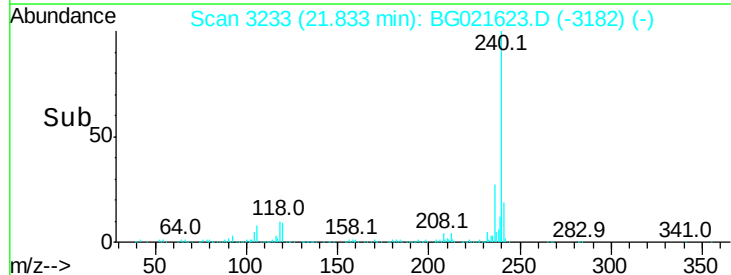
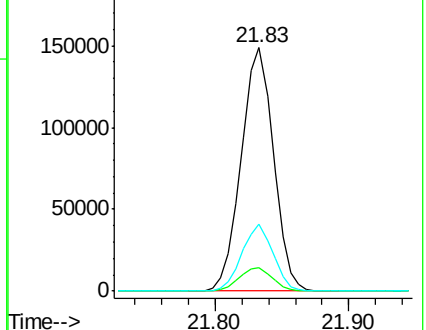
236 27.4 19.6 29.4

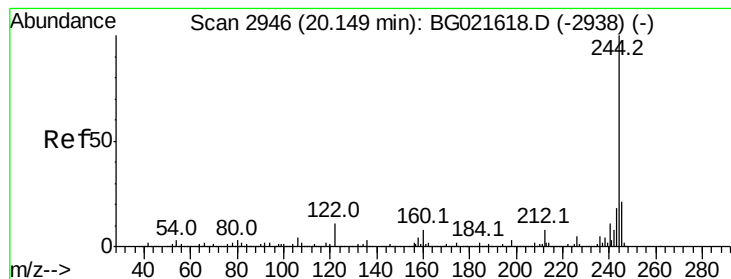


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

FRAC-TANK

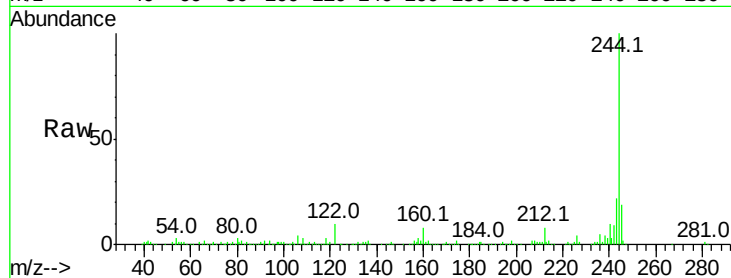
Tot Ion:244 Resp: 165213

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

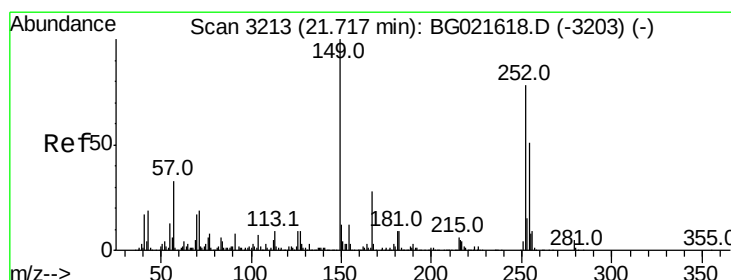
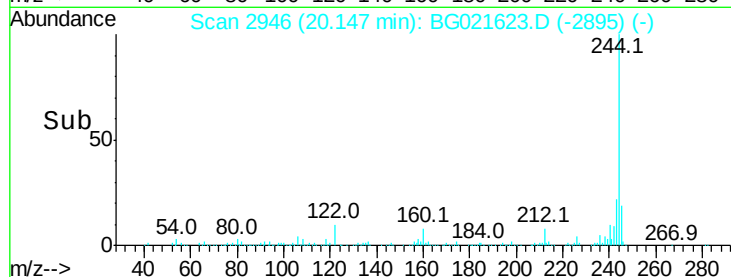
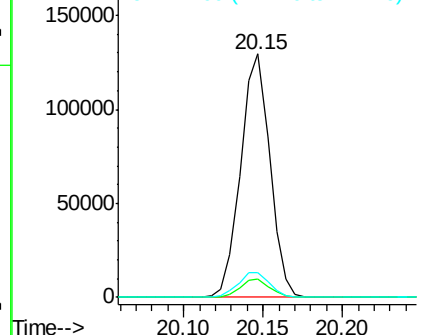
122 10.4 8.6 12.8



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

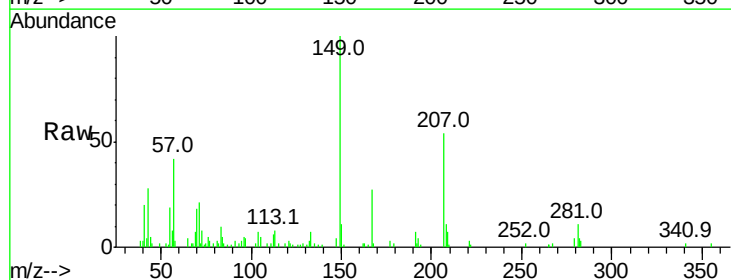
Tgt Ion:149 Resp: 19802

Ion Ratio Lower Upper

149 100

167 26.8 22.4 33.6

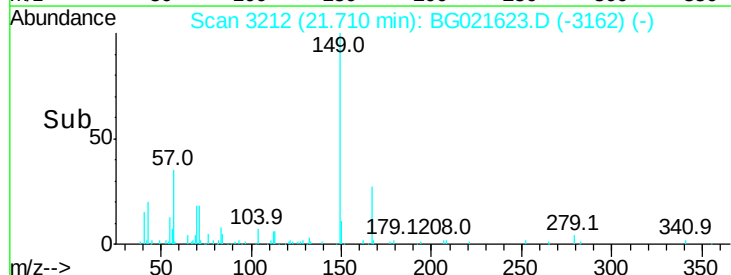
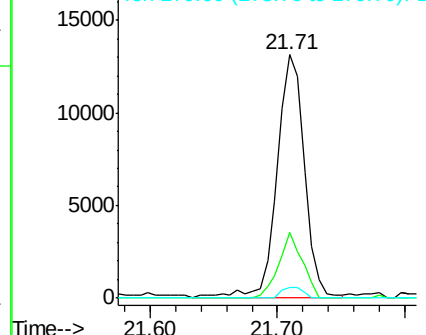
279 4.2 3.2 4.8

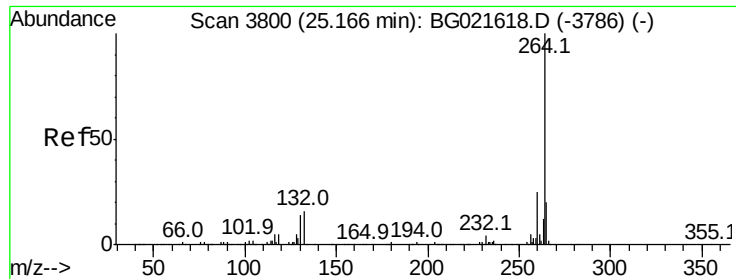


Abundance Ion 149.00 (148.70 to 149.70): E

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 :
FRAC-TANK

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

