

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
 Data File : BG017016.D
 Acq On : 10 May 2015 9:06
 Operator : TP/IZ
 Sample : G2139-03
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAR9794-C

Quant Time: May 19 07:34:31 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

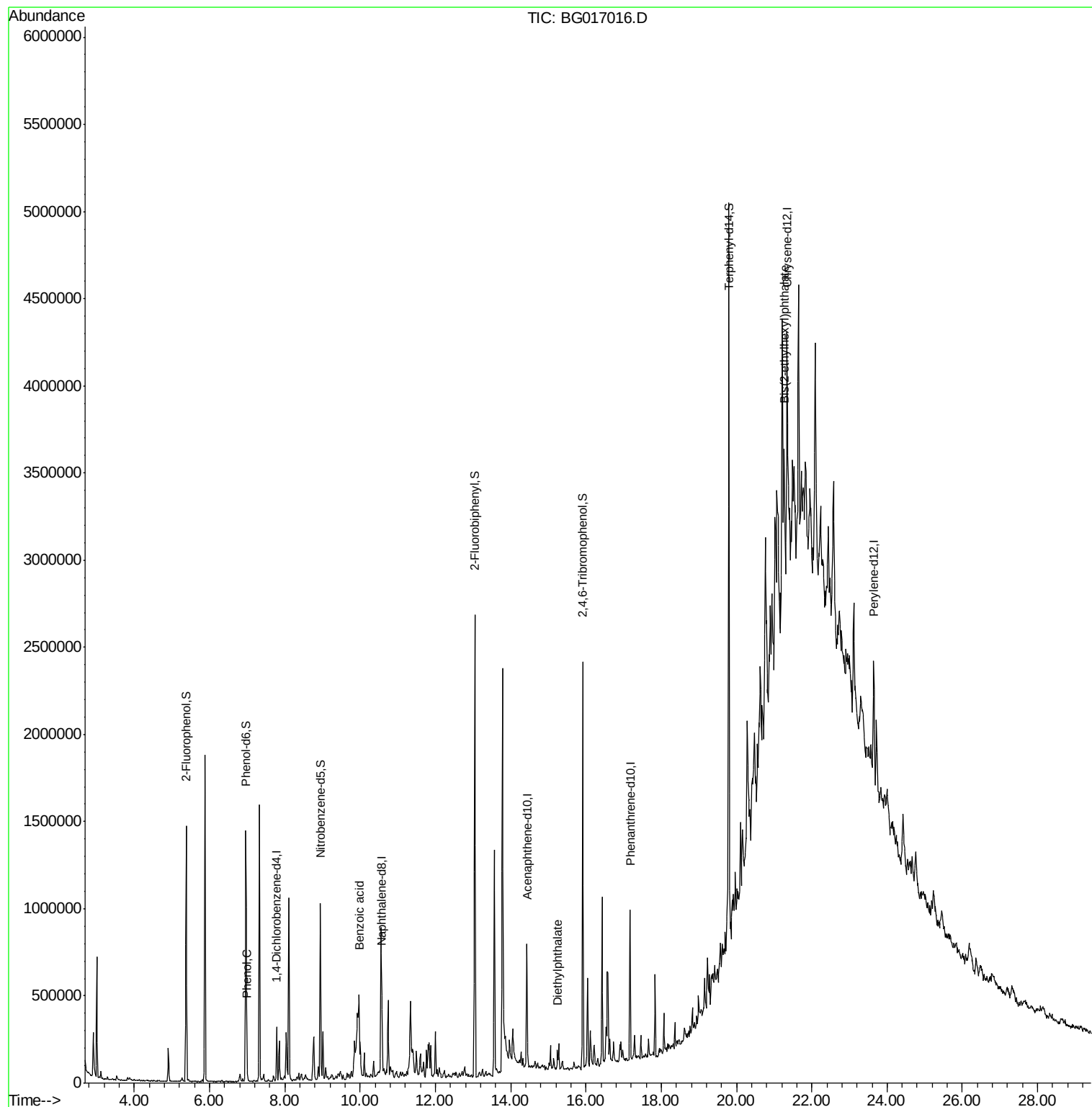
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	69545	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	317404	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	221344	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	466894	20.00	ng	-0.02
75) Chrysene-d12	21.34	240	463593	20.00	ng	-0.02
86) Perylene-d12	23.65	264	450738	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	509923	127.67	ng	0.00
7) Phenol-d6	6.97	99	679750	119.13	ng	0.00
23) Nitrobenzene-d5	8.95	82	518853	79.86	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	327400	147.34	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	1138769	77.64	ng	-0.02
78) Terphenyl-d14	19.80	244	1578035	79.80	ng	-0.02
Target Compounds						
10) Phenol	7.00	94	27238	4.45	ng	Qvalue 97
32) Benzoic acid	9.97	122	320562	86.06	ng	93
59) Diethylphthalate	15.25	149	50186	2.88	ng	94
83) Bis(2-ethylhexyl)phthalate	21.26	149	109732	6.17	ng	# 92

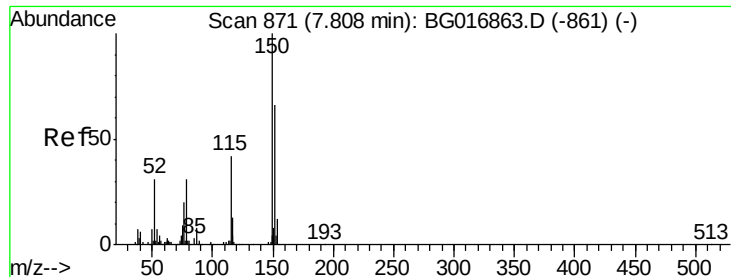
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.02 min

Lab File: BG017016.D

Acq: 10 May 2015 9:06

Instrument :

BNA_G

ClientSampleId :

LAR9794-C

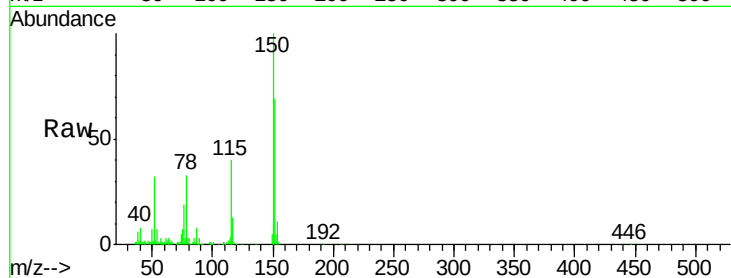
Tgt Ion:152 Resp: 69545

Ion Ratio Lower Upper

152 100

150 144.8 121.0 181.4

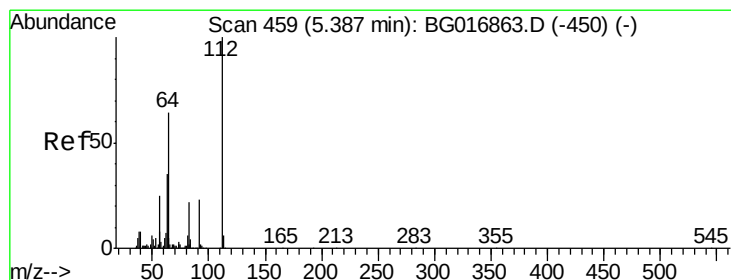
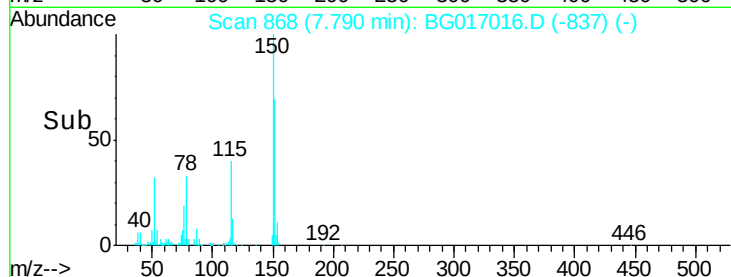
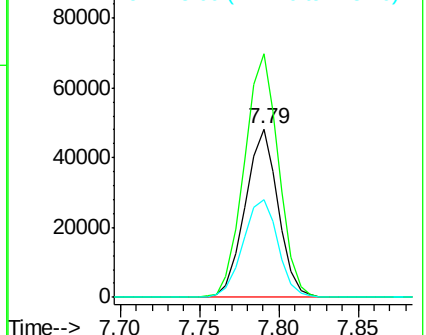
115 58.3 50.5 75.7



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: 127.67 ng

RT: 5.38 min Scan# 458

Delta R.T. -0.01 min

Lab File: BG017016.D

Acq: 10 May 2015 9:06

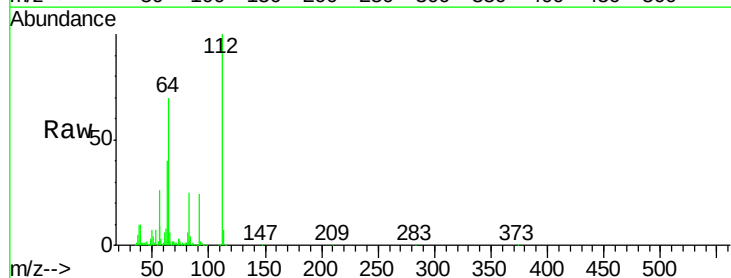
Tgt Ion:112 Resp: 509923

Ion Ratio Lower Upper

112 100

64 70.2 51.4 77.2

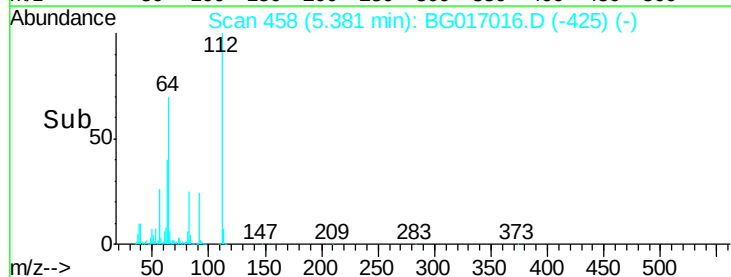
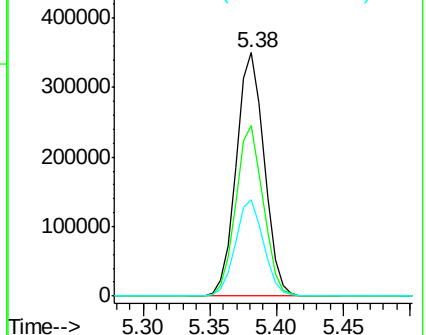
63 39.7 28.1 42.1

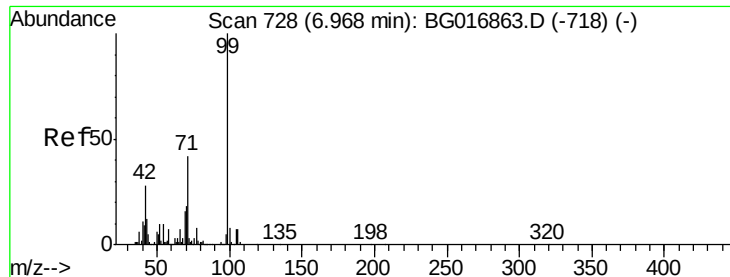


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 119.13 ng

RT: 6.97 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG017016.D

Acq: 10 May 2015 9:06

Instrument :

BNA_G

ClientSampled :

LAR9794-C

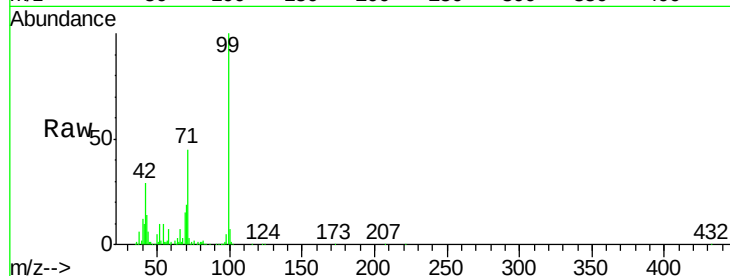
Tgt Ion: 99 Resp: 679750

Ion Ratio Lower Upper

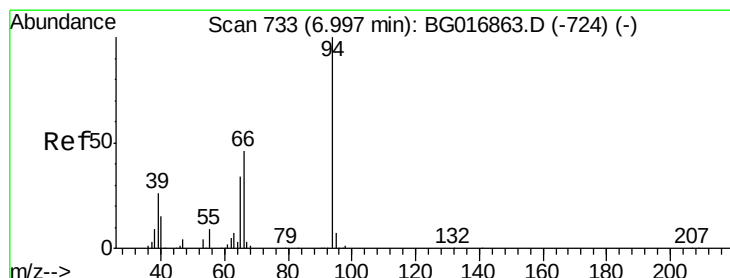
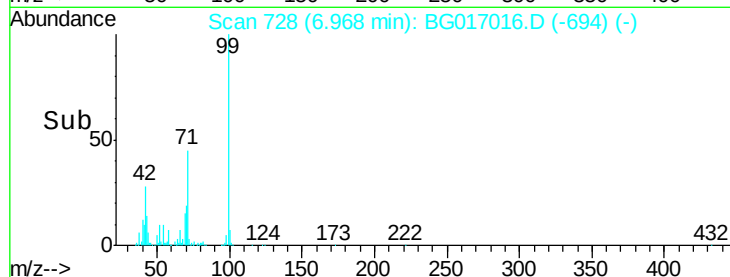
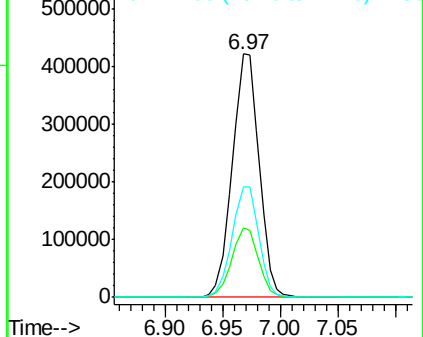
99 100

42 28.6 22.1 33.1

71 45.4 33.4 50.0



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: 4.45 ng

RT: 7.00 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG017016.D

Acq: 10 May 2015 9:06

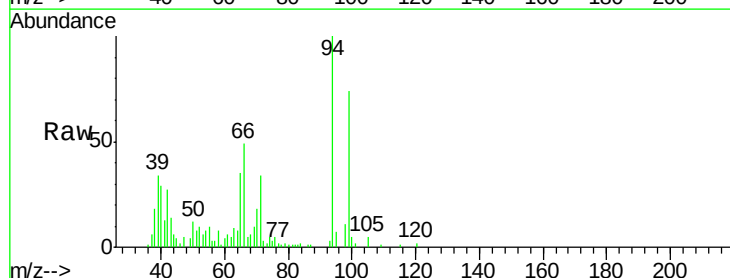
Tgt Ion: 94 Resp: 27238

Ion Ratio Lower Upper

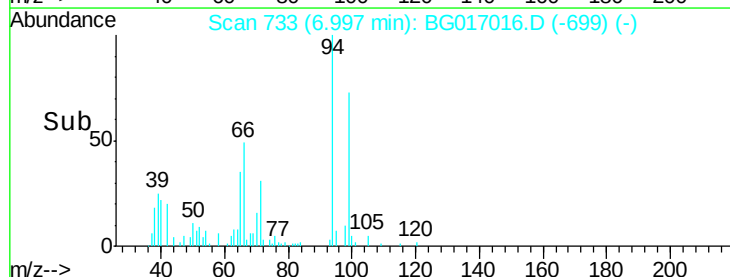
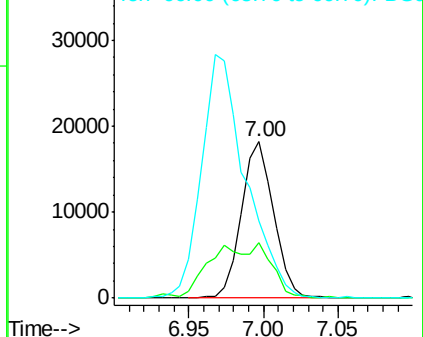
94 100

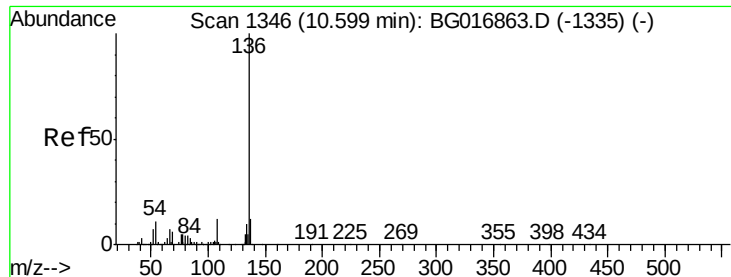
65 35.0 14.3 54.3

66 49.5 26.9 66.9



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

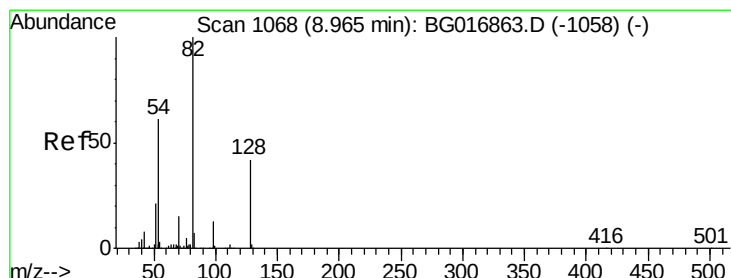
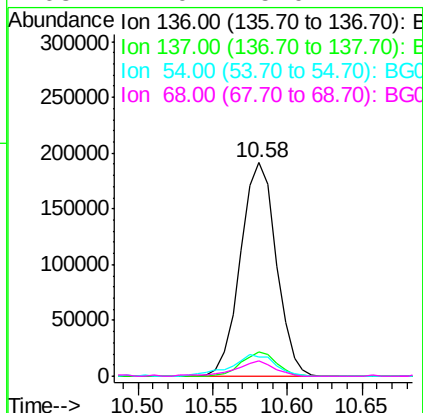
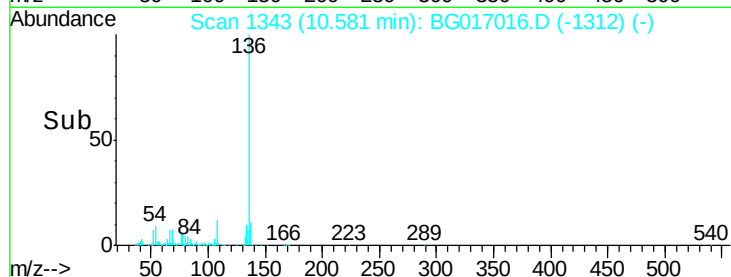
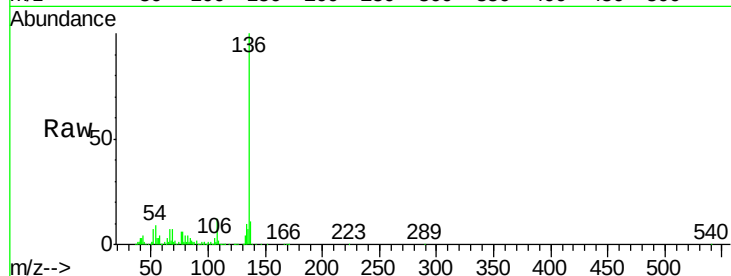




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BG017016.D
Acq: 10 May 2015 9:06

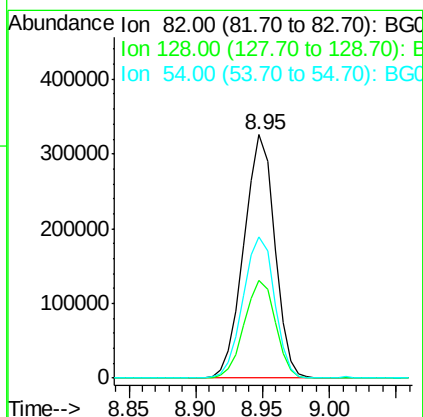
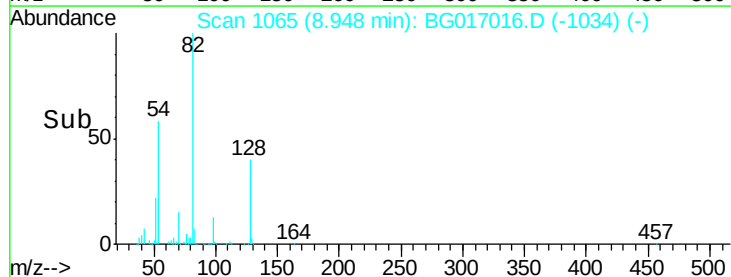
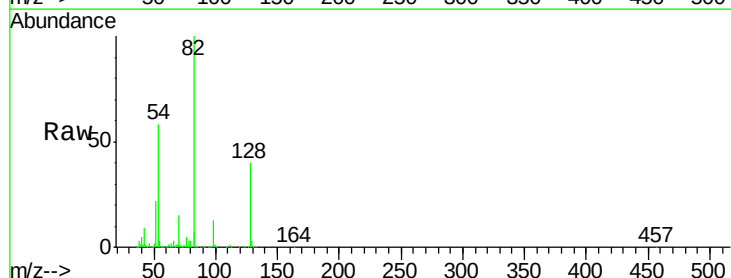
Instrument :
BNA_G
ClientSampleId :
LAR9794-C

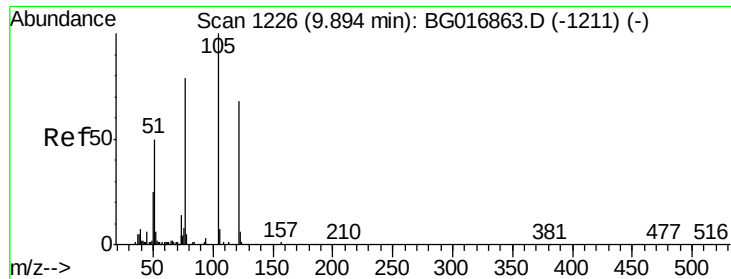
Tgt Ion:	136	Resp:	317404
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.8
54	9.2	8.7	13.1
68	7.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 79.86 ng
RT: 8.95 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG017016.D
Acq: 10 May 2015 9:06

Tgt Ion:	82	Resp:	518853
Ion	Ratio	Lower	Upper
82	100		
128	40.1	33.2	49.8
54	58.2	48.6	72.8





#32

Benzoic acid

Concen: 86.06 ng

RT: 9.97 min Scan# 1239

Delta R.T. 0.08 min

Lab File: BG017016.D

Acq: 10 May 2015 9:06

Instrument :

BNA_G

ClientSampleId :

LAR9794-C

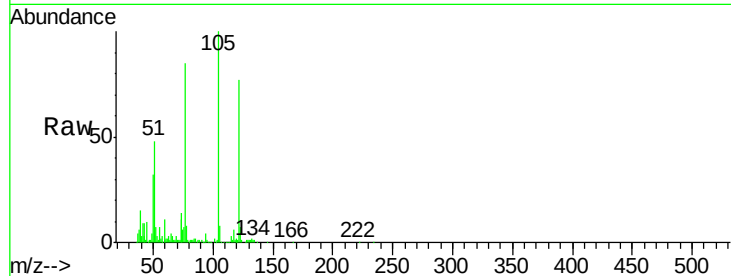
Tgt Ion:122 Resp: 320562

Ion Ratio Lower Upper

122 100

105 130.5 123.2 163.2

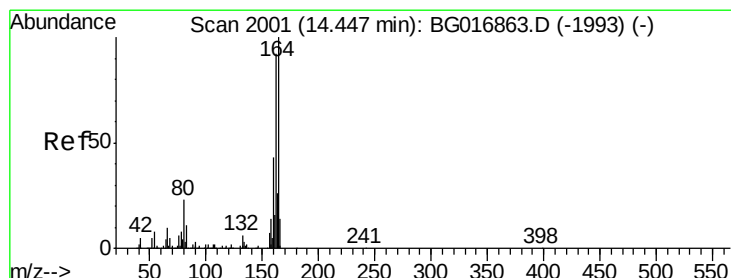
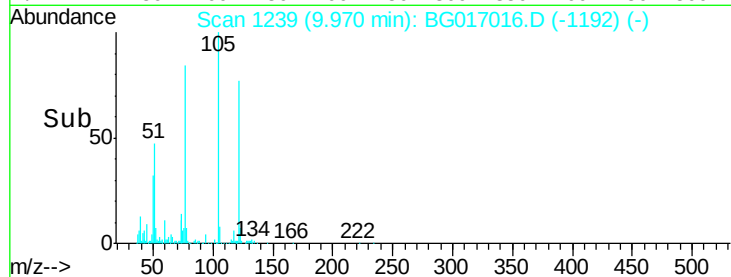
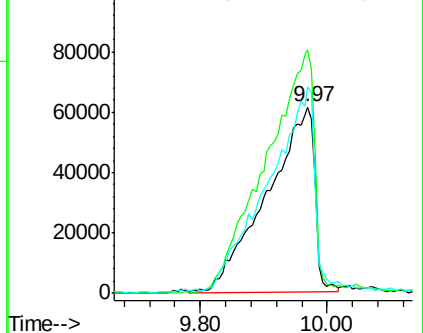
77 110.6 93.0 133.0



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: 14.43 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BG017016.D

Acq: 10 May 2015 9:06

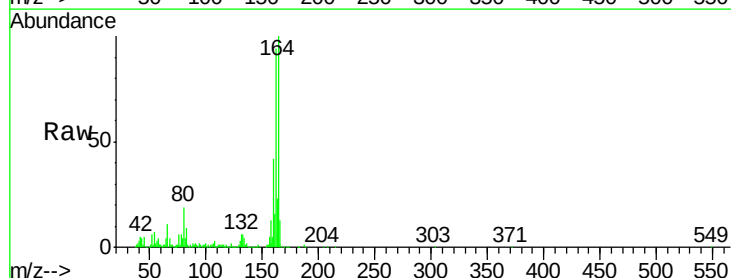
Tgt Ion:164 Resp: 221344

Ion Ratio Lower Upper

164 100

162 94.0 74.0 111.0

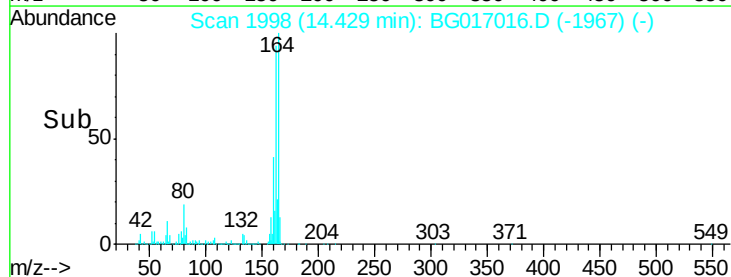
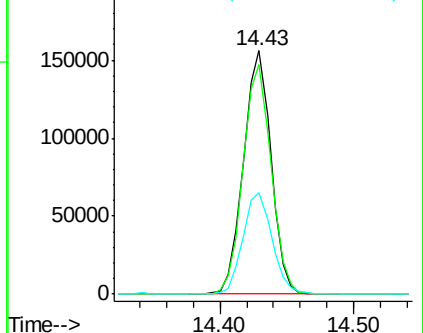
160 41.6 34.7 52.1

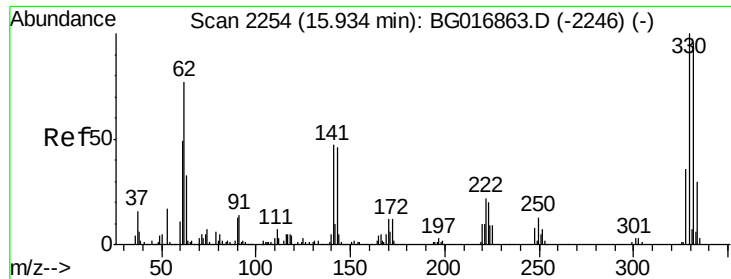


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

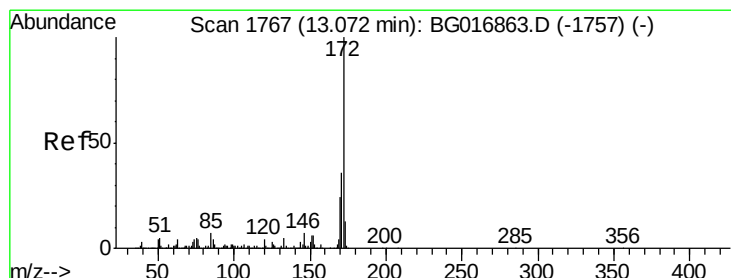
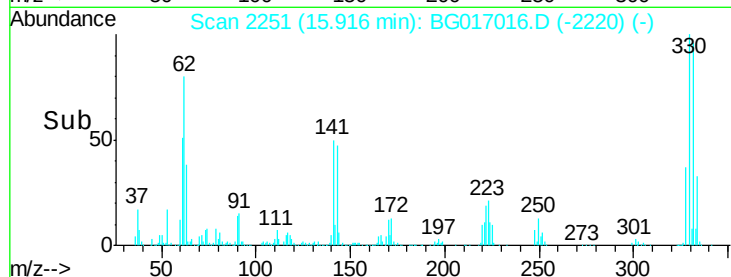
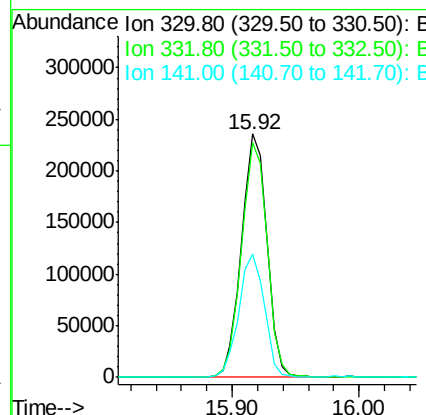
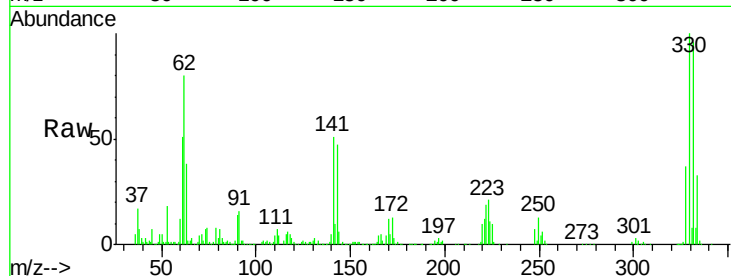




#41
 2,4,6-Tribromophenol
 Concen: 147.34 ng
 RT: 15.92 min Scan# 2251
 Delta R.T. -0.02 min
 Lab File: BG017016.D
 Acq: 10 May 2015 9:06

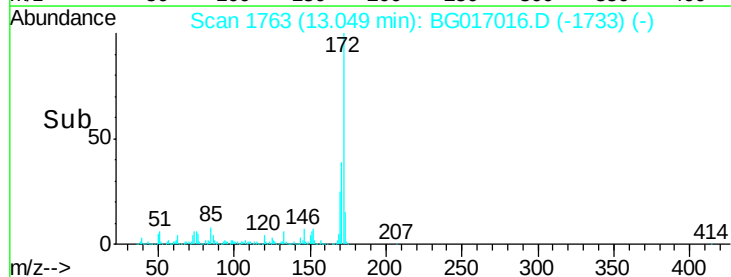
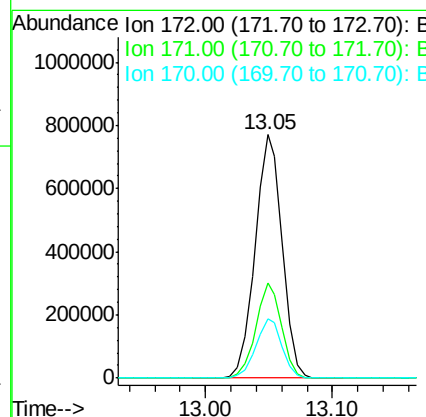
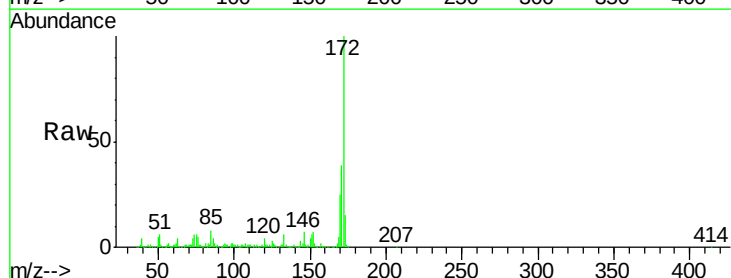
Instrument :
 BNA_G
 ClientSampleId :
 LAR9794-C

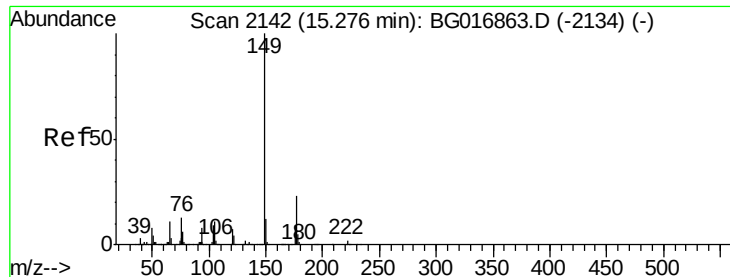
Tgt Ion: 330 Resp: 327400
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 50.7 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 77.64 ng
 RT: 13.05 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BG017016.D
 Acq: 10 May 2015 9:06

Tgt Ion: 172 Resp: 1138769
 Ion Ratio Lower Upper
 172 100
 171 39.0 29.0 43.4
 170 24.6 19.0 28.4





#59

Diethylphthalate

Concen: 2.88 ng

RT: 15.25 min Scan# 2137

Delta R.T. -0.03 min

Lab File: BG017016.D

Acq: 10 May 2015 9:06

Instrument :

BNA_G

ClientSampleId :

LAR9794-C

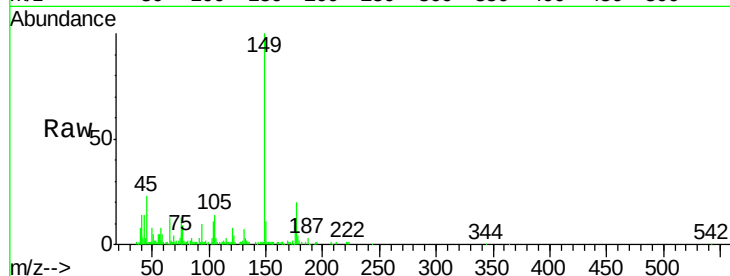
Tgt Ion:149 Resp: 50186

Ion Ratio Lower Upper

149 100

177 19.8 18.6 27.8

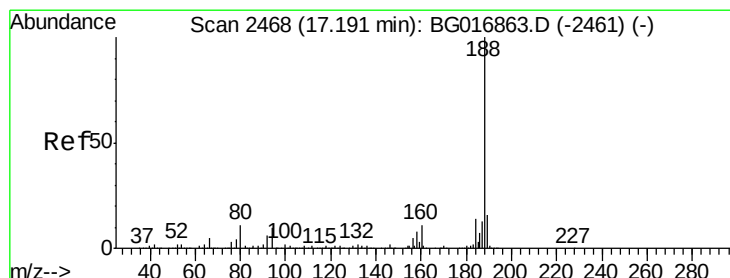
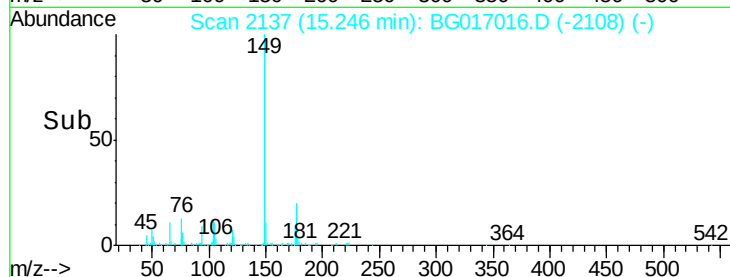
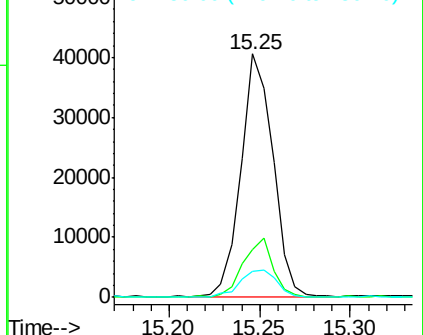
150 10.9 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2465

Delta R.T. -0.02 min

Lab File: BG017016.D

Acq: 10 May 2015 9:06

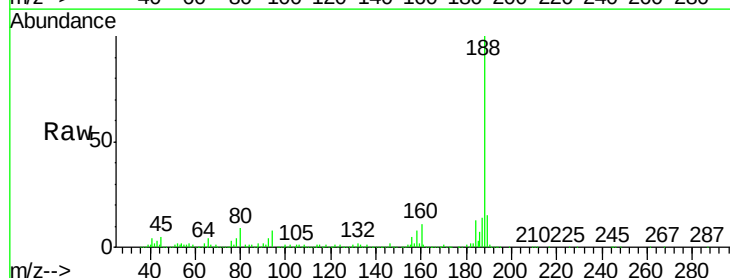
Tgt Ion:188 Resp: 466894

Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.4#

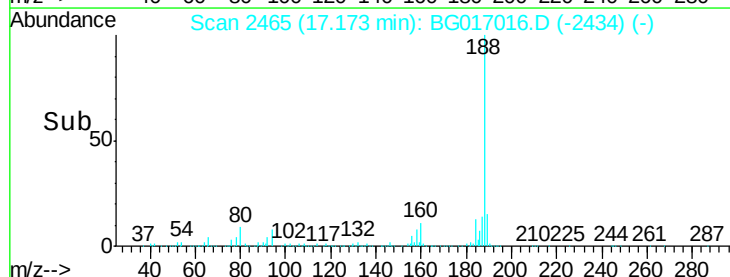
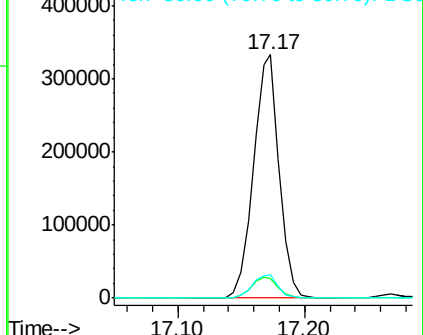
80 9.4 8.8 13.2

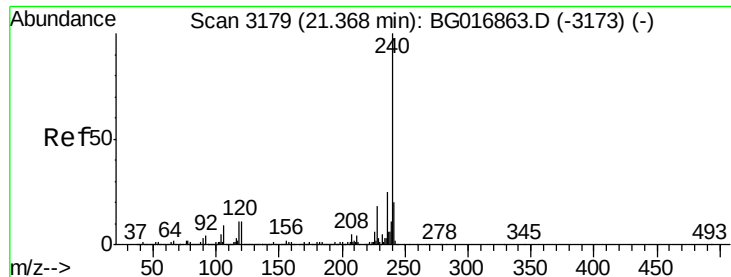


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.34 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG017016.D

Acq: 10 May 2015 9:06

Instrument :

BNA_G

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LAR9794-C

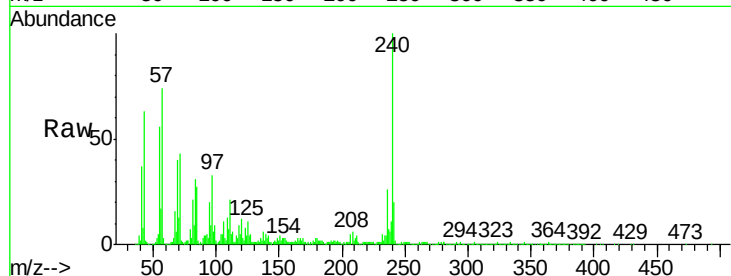
Tgt Ion:240 Resp: 463593

Ion Ratio Lower Upper

240 100

120 11.8 9.1 13.7

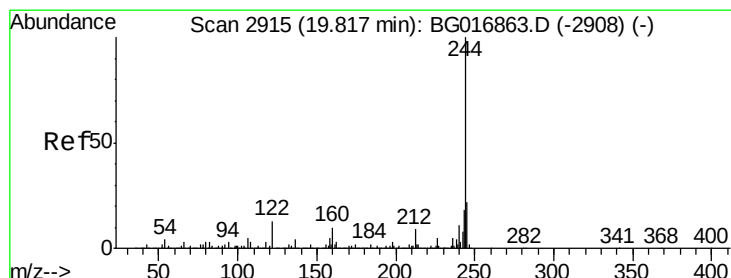
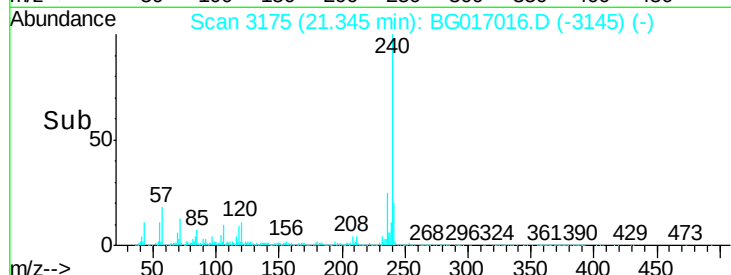
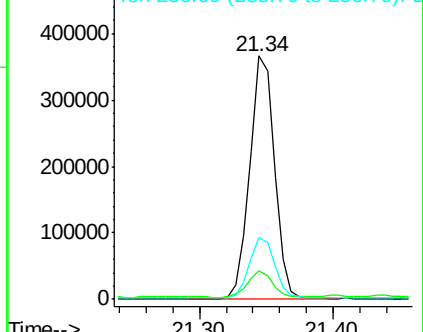
236 25.6 20.2 30.4



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: 79.80 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG017016.D

Acq: 10 May 2015 9:06

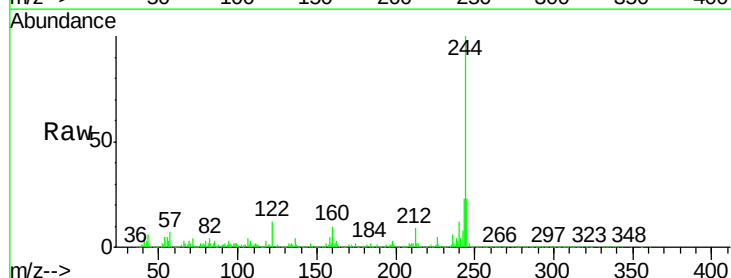
Tgt Ion:244 Resp: 1578035

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

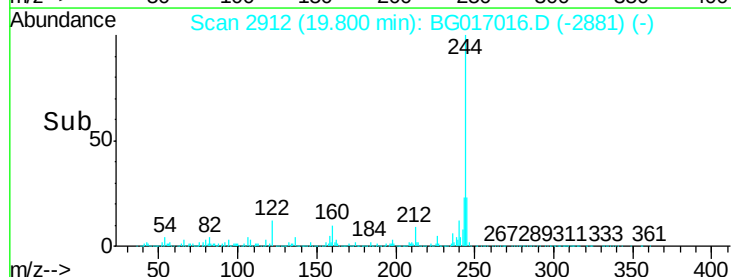
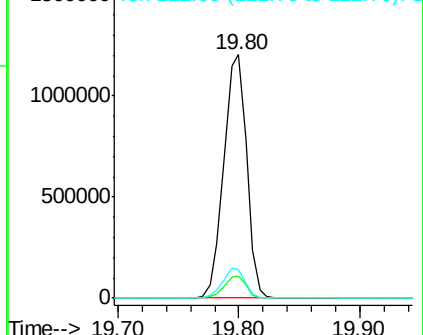
122 11.9 10.4 15.6

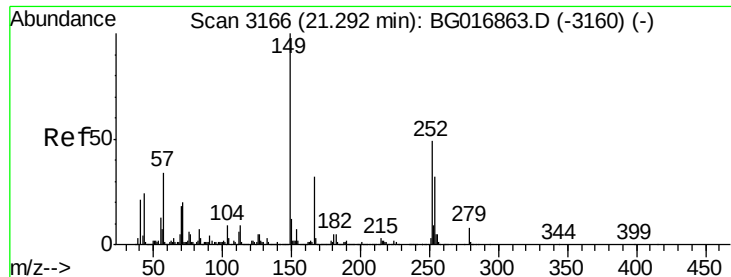


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.17 ng

RT: 21.26 min Scan# 3161

Delta R.T. -0.03 min

Lab File: BG017016.D

Acq: 10 May 2015 9:06

Instrument :

BNA_G

ClientSampleId :

LAR9794-C

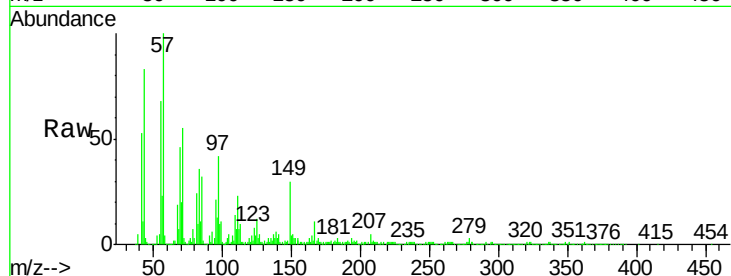
Tgt Ion:149 Resp: 109732

Ion Ratio Lower Upper

149 100

167 36.6 25.4 38.0

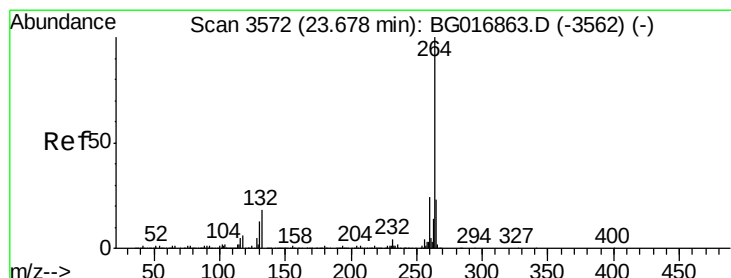
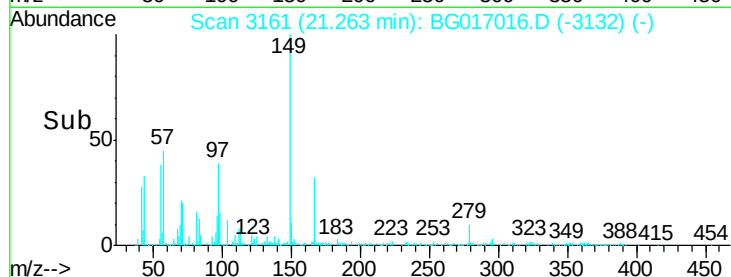
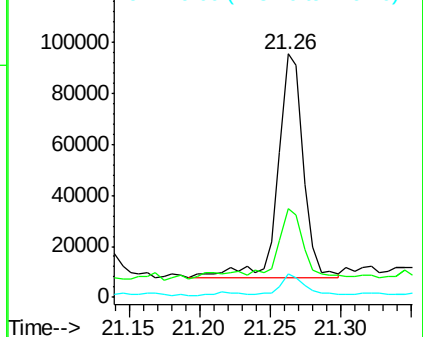
279 9.7 6.4 9.6#



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

Perylene-d12

Concen: 20.00 ng

RT: 23.65 min Scan# 3567

Delta R.T. -0.03 min

Lab File: BG017016.D

Acq: 10 May 2015 9:06

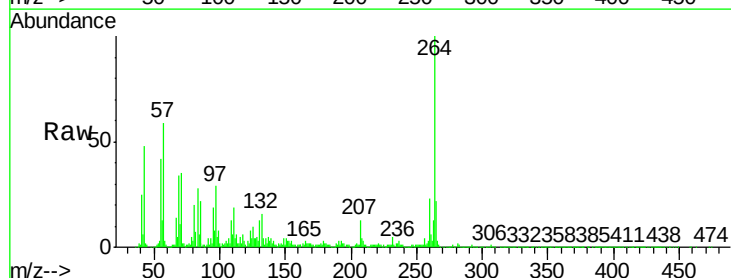
Tgt Ion:264 Resp: 450738

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 21.8 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

