

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
 Data File : BG018739.D
 Acq On : 17 Sep 2015 15:32
 Operator : TP
 Sample : G3651-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPS043034

Quant Time: Sep 18 03:44:30 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 03:41:39 2015
 Response via : Initial Calibration

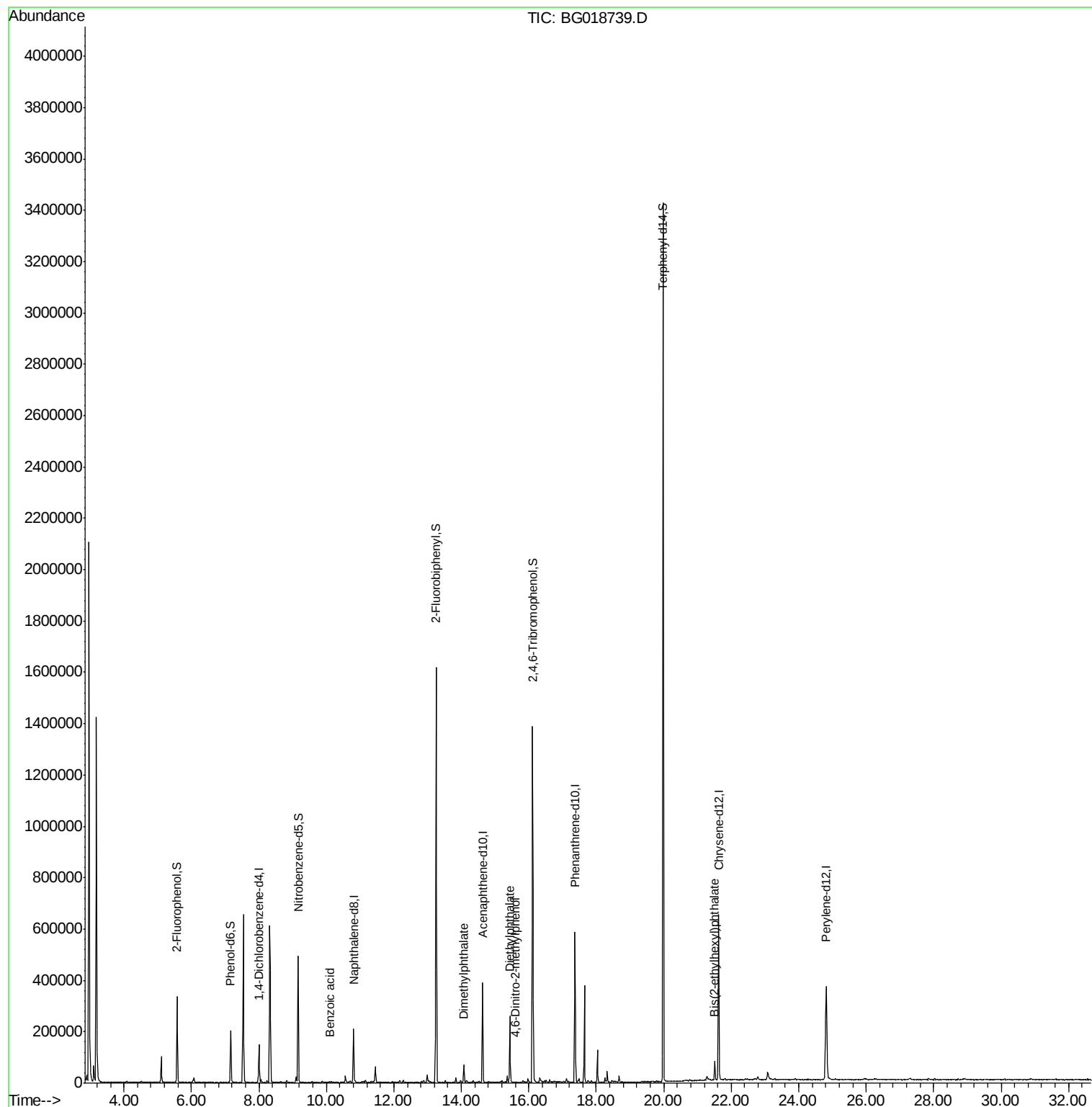
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	45341	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	190499	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	130866	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	365783	20.00	ng	0.00
75) Chrysene-d12	21.62	240	394532	20.00	ng	-0.01
86) Perylene-d12	24.81	264	390323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	164141	62.54	ng	0.00
7) Phenol-d6	7.16	99	138545	36.81	ng	0.00
23) Nitrobenzene-d5	9.16	82	316846	93.07	ng	0.00
41) 2,4,6-Tribromophenol	16.11	330	271594	154.13	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	885005	93.88	ng	0.00
78) Terphenyl-d14	19.98	244	1446125	96.25	ng	0.00
Target Compounds						
32) Benzoic acid	10.09	122	56	7.95	ng	# 1
49) Dimethylphthalate	14.07	163	51077	4.71	ng	# 98
59) Diethylphthalate	15.44	149	147182	13.02	ng	99
64) 4,6-Dinitro-2-methylphenol	15.61	198	59	5.43	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.51	149	31954	2.25	ng	96

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

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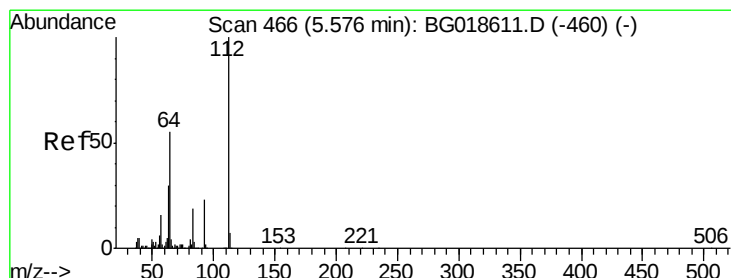
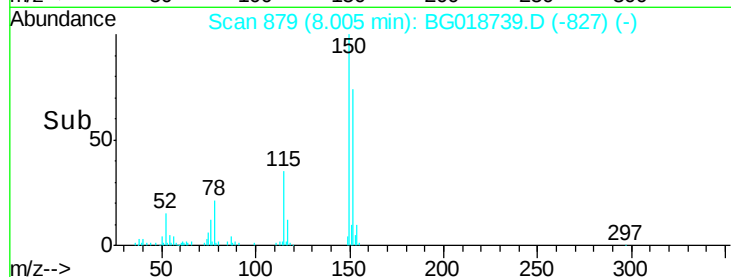
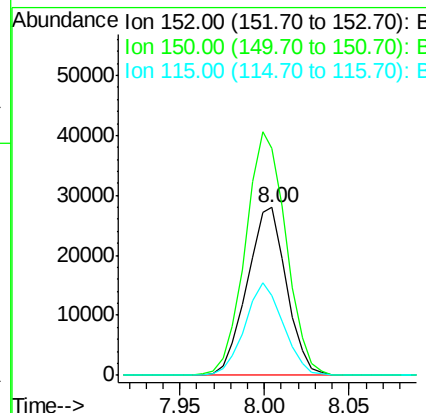
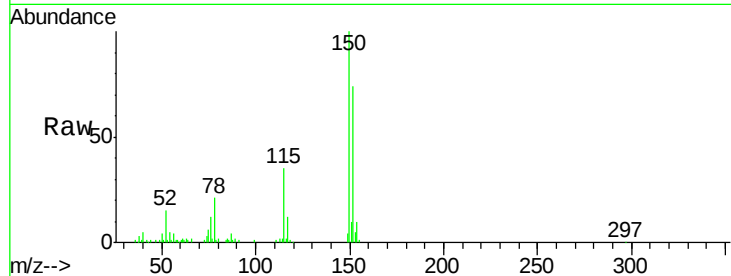


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. 0.01 min
Lab File: BG018739.D
Acq: 17 Sep 2015 15:32

Instrument :
BNA_G
ClientSampleId :
CPS043034

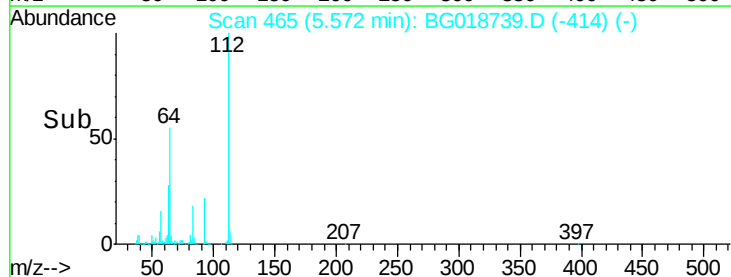
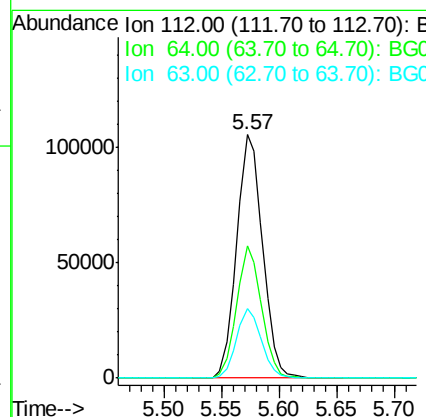
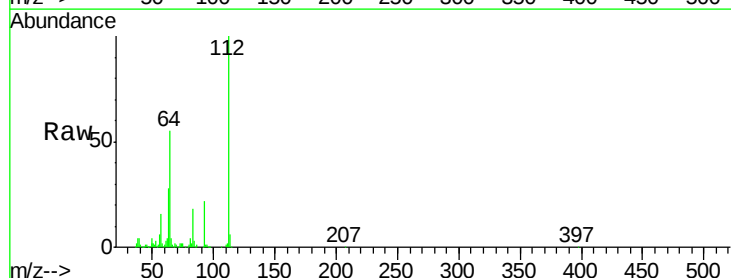
Tot Ion:152 Resp: 45341
Ion Ratio Lower Upper
152 100
150 135.4 115.0 172.4
115 47.8 43.9 65.9

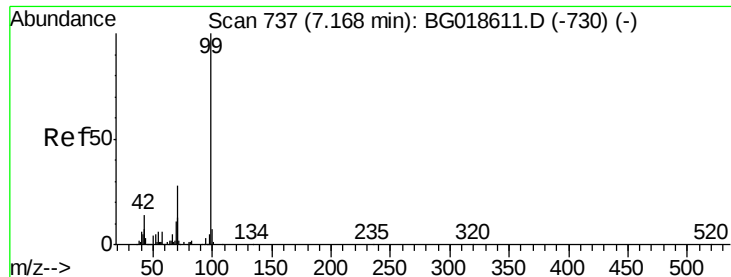


#5

2-Fluorophenol
Concen: 62.54 ng
RT: 5.57 min Scan# 465
Delta R.T. 0.00 min
Lab File: BG018739.D
Acq: 17 Sep 2015 15:32

Tgt Ion:112 Resp: 164141
Ion Ratio Lower Upper
112 100
64 54.5 43.7 65.5
63 28.4 24.0 36.0





#7

Phenol-d6

Concen: 36.81 ng

RT: 7.16 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG018739.D

Acq: 17 Sep 2015 15:32

Instrument :

BNA_G

ClientSampled :

CPS043034

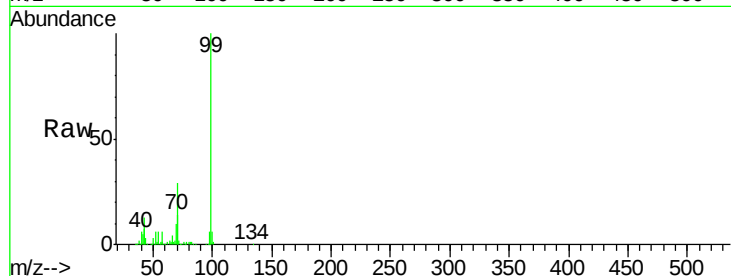
Tot Ion: 99 Resp: 138545

Ion Ratio Lower Upper

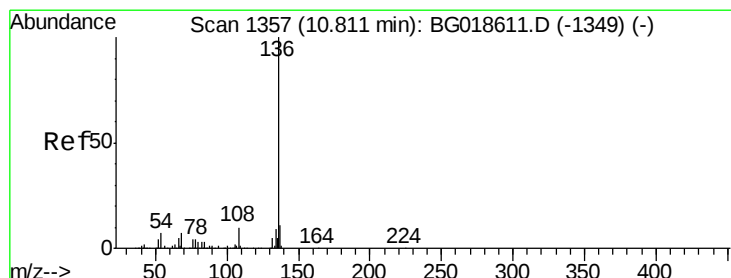
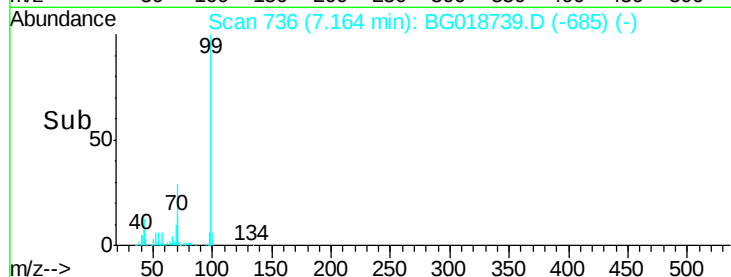
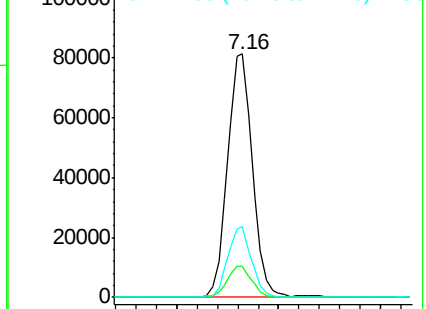
99 100

42 13.0 11.5 17.3

71 29.1 22.6 34.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.80 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BG018739.D

Acq: 17 Sep 2015 15:32

Tgt Ion: 136 Resp: 190499

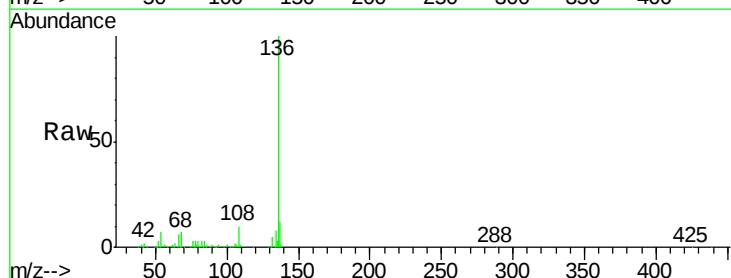
Ion Ratio Lower Upper

136 100

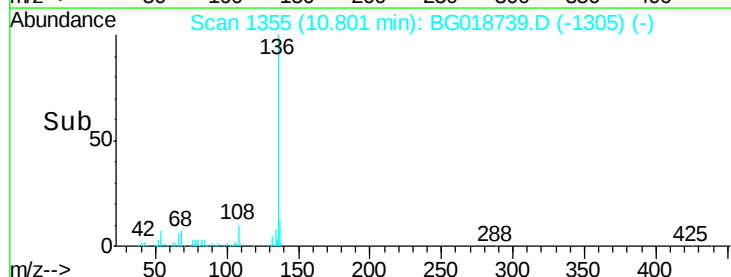
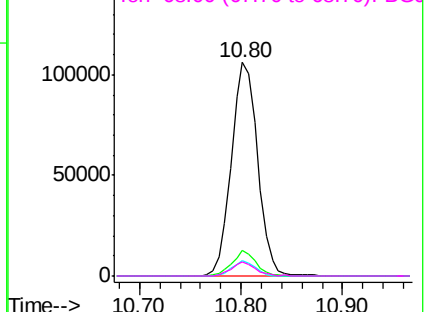
137 11.8 8.6 12.8

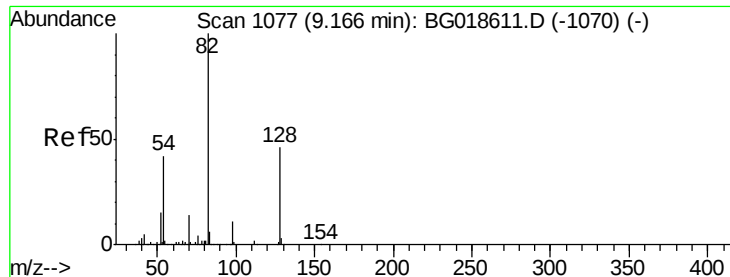
54 7.1 5.4 8.2

68 6.7 5.3 7.9



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

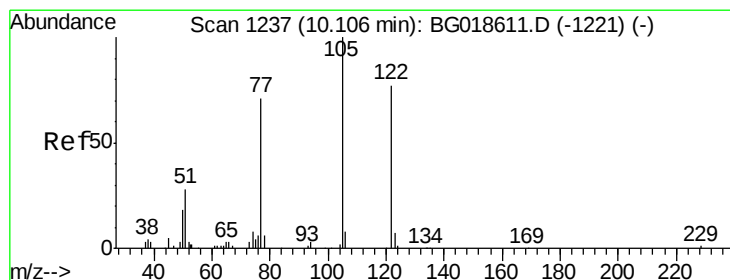
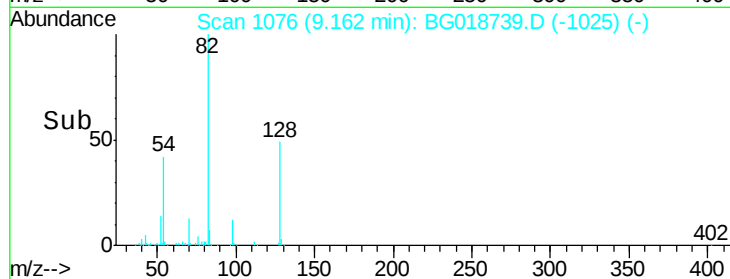
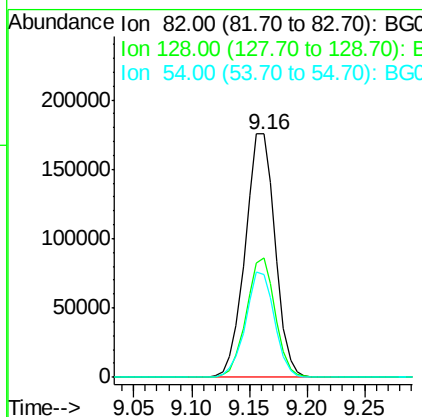
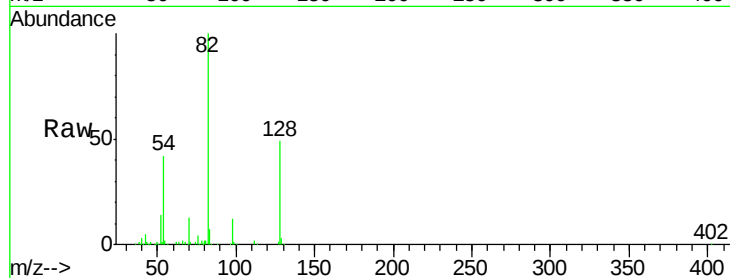




#23
 Nitrobenzene-d5
 Concen: 93.07 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BG018739.D
 Acq: 17 Sep 2015 15:32

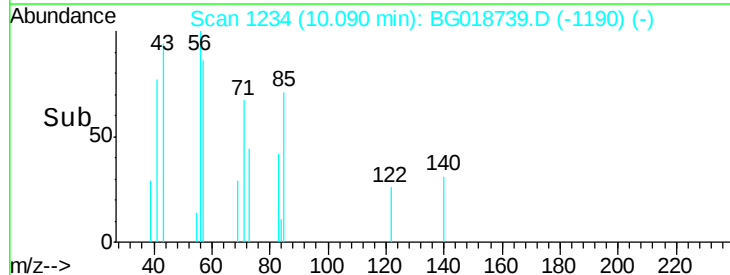
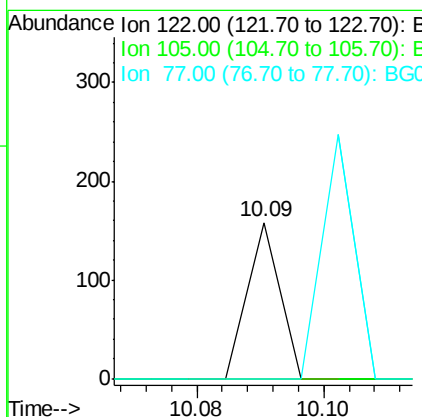
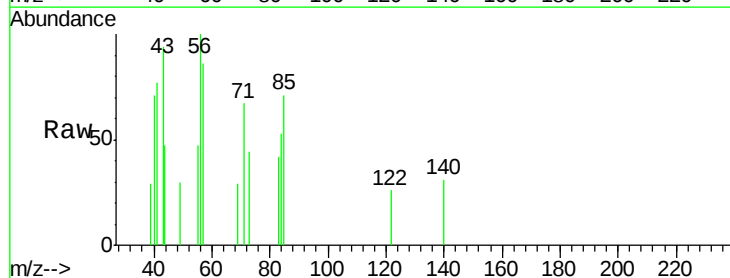
Instrument :
 BNA_G
 ClientSampleId :
 CPS043034

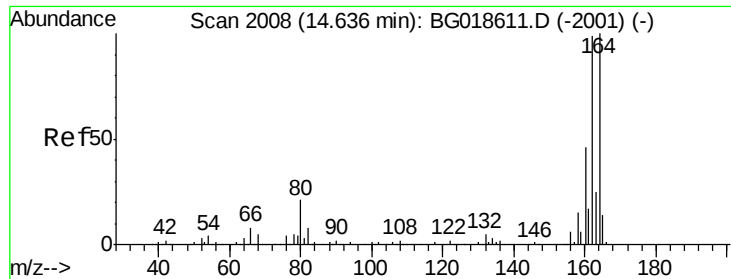
Tot Ion: 82 Resp: 316846
 Ion Ratio Lower Upper
 82 100
 128 48.8 36.7 55.1
 54 42.3 33.8 50.8



#32
 Benzoic acid
 Concen: 7.95 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.04 min
 Lab File: BG018739.D
 Acq: 17 Sep 2015 15:32

Tgt Ion: 122 Resp: 56
 Ion Ratio Lower Upper
 122 100
 105 0.0 103.8 143.8#
 77 0.0 68.8 108.8#

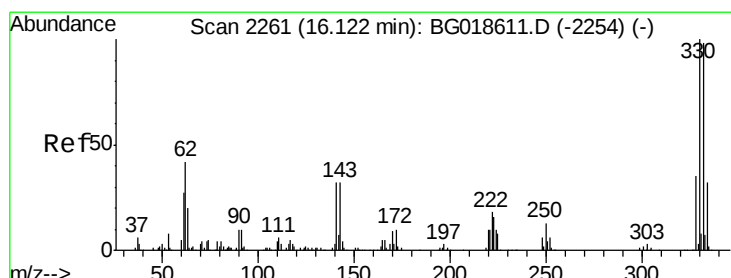
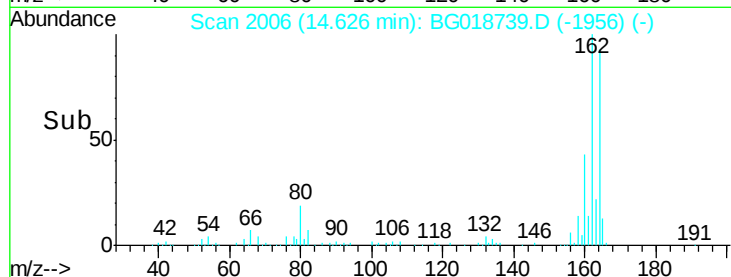
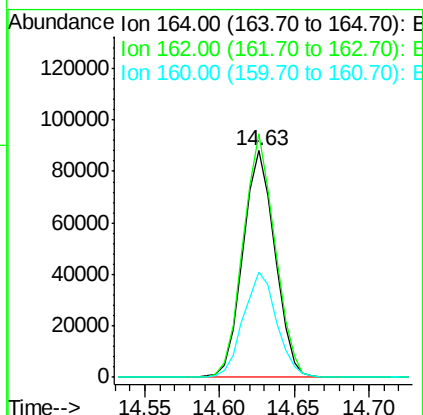
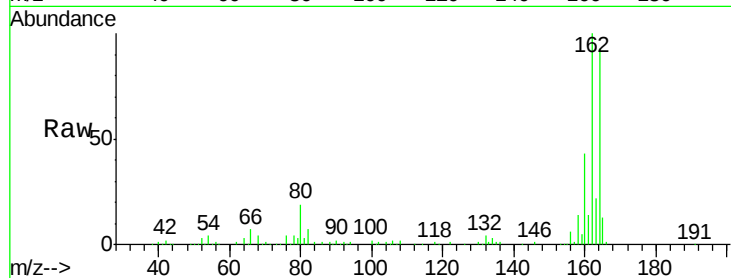




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG018739.D
Acq: 17 Sep 2015 15:32

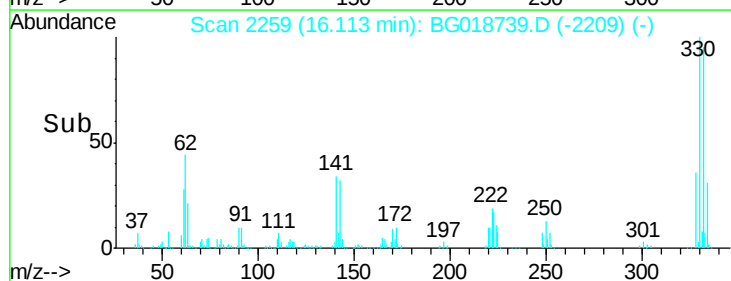
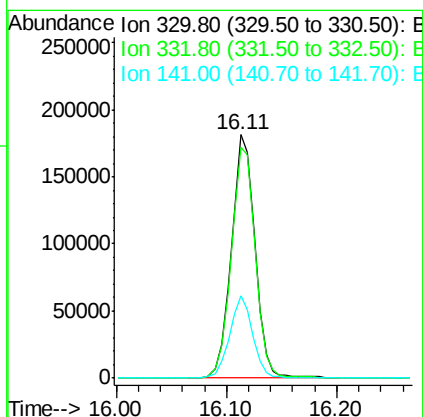
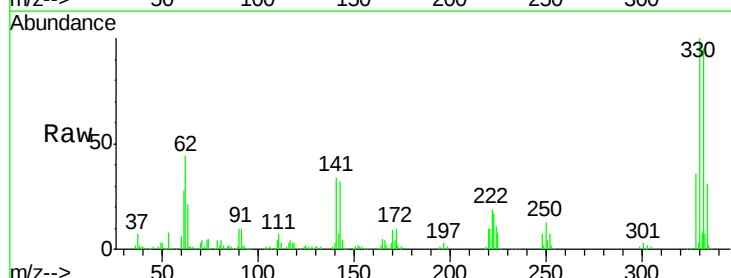
Instrument :
BNA_G
ClientSampleId :
CPS043034

Tot Ion:164 Resp: 130866
Ion Ratio Lower Upper
164 100
162 107.4 78.8 118.2
160 46.6 36.4 54.6



#41
2,4,6-Tribromophenol
Concen: 154.13 ng
RT: 16.11 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BG018739.D
Acq: 17 Sep 2015 15:32

Tgt Ion:330 Resp: 271594
Ion Ratio Lower Upper
330 100
332 97.3 78.1 117.1
141 33.0 28.2 42.2

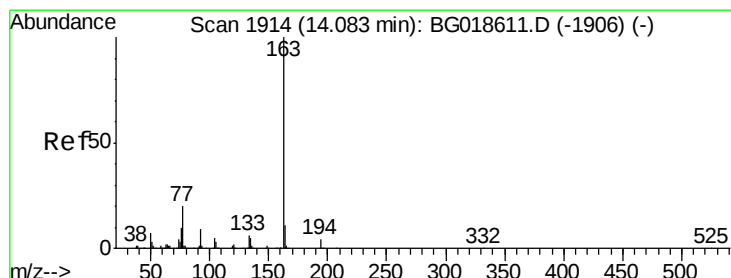
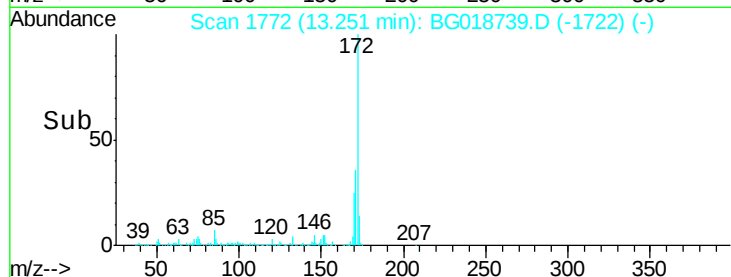
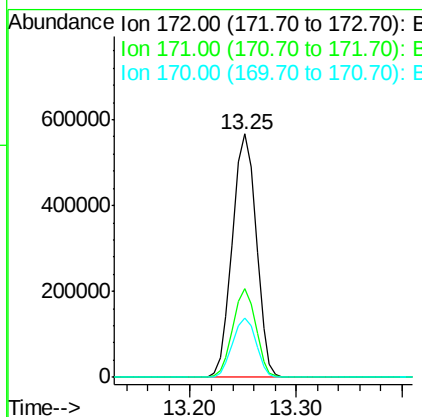
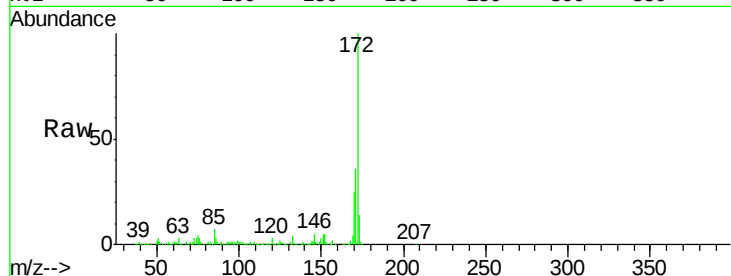




#44
2-Fluorobiphenyl
Concen: 93.88 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BG018739.D
Acq: 17 Sep 2015 15:32

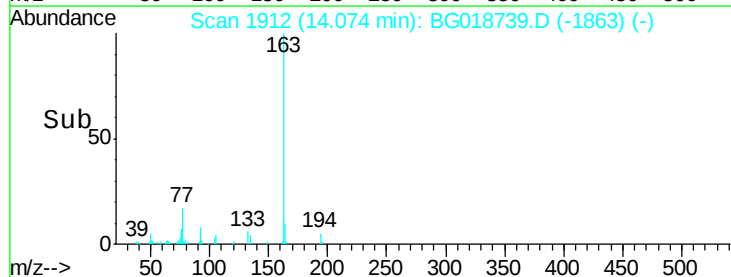
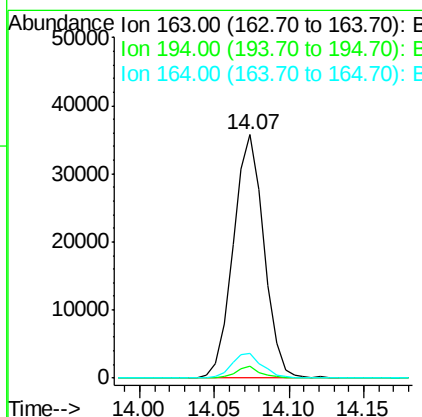
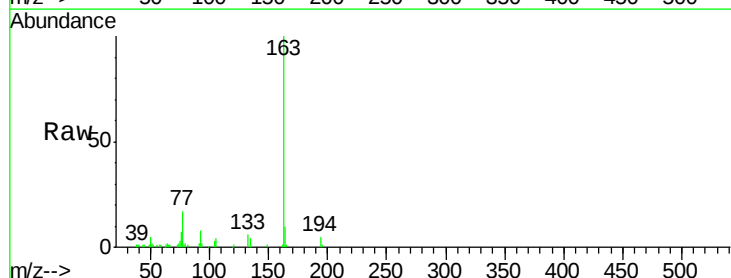
Instrument :
BNA_G
ClientSampleId :
CPS043034

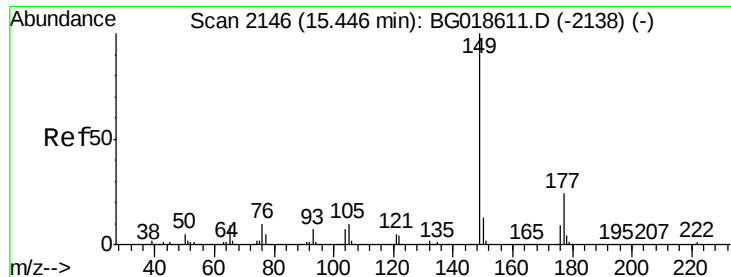
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.6	19.9	29.9



#49
Dimethylphthalate
Concen: 4.71 ng
RT: 14.07 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG018739.D
Acq: 17 Sep 2015 15:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.1	4.7#
164	10.3	8.8	13.2

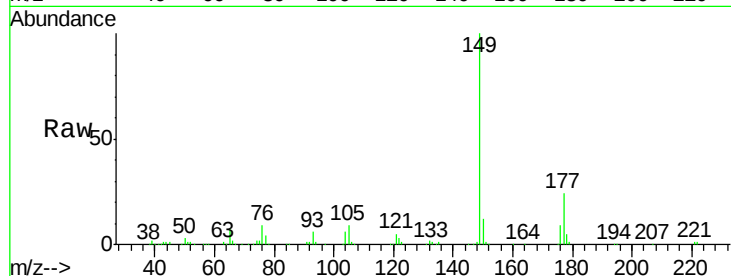




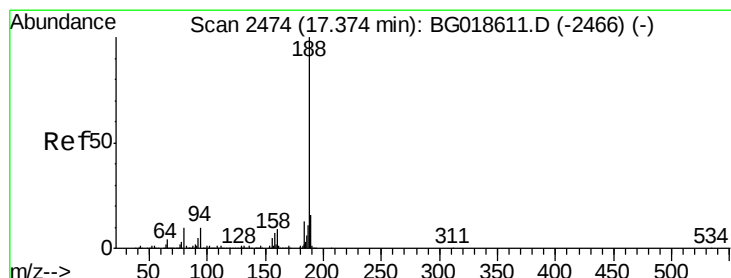
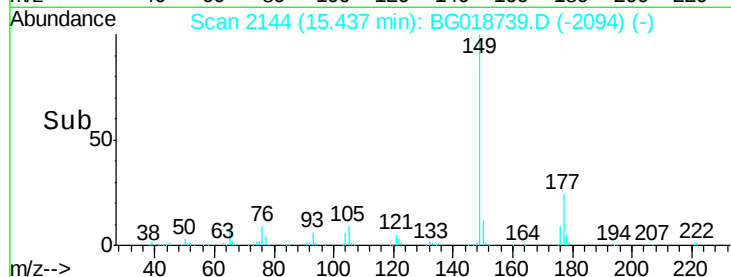
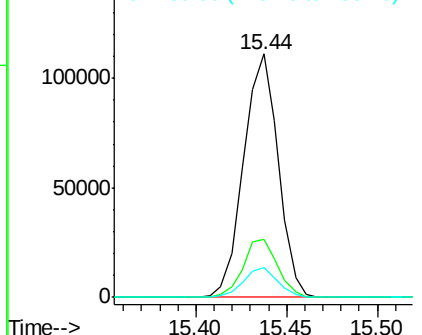
#59
Diethylphthalate
Concen: 13.02 ng
RT: 15.44 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG018739.D
Acq: 17 Sep 2015 15:32

Instrument :
BNA_G
ClientSampleId :
CPS043034

Tot Ion:149 Resp: 147182
Ion Ratio Lower Upper
149 100
177 23.7 19.6 29.4
150 12.3 10.2 15.2

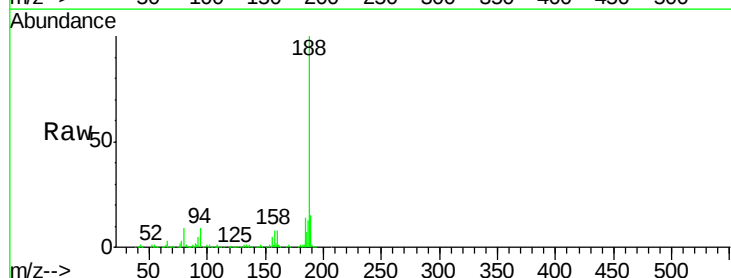


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

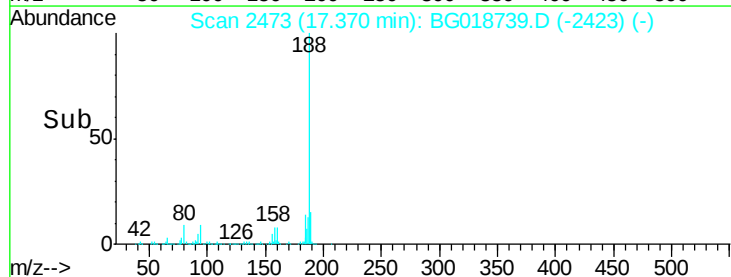
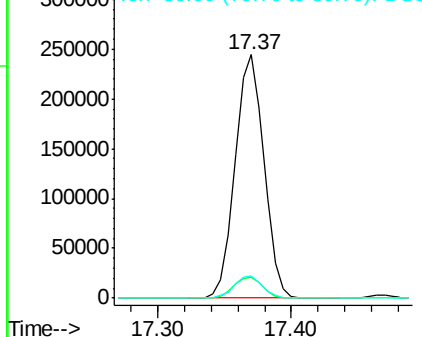


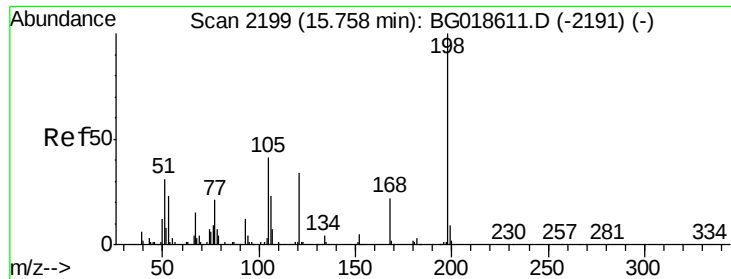
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.00 min
Lab File: BG018739.D
Acq: 17 Sep 2015 15:32

Tgt Ion:188 Resp: 365783
Ion Ratio Lower Upper
188 100
94 8.7 7.7 11.5
80 9.4 7.8 11.8



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

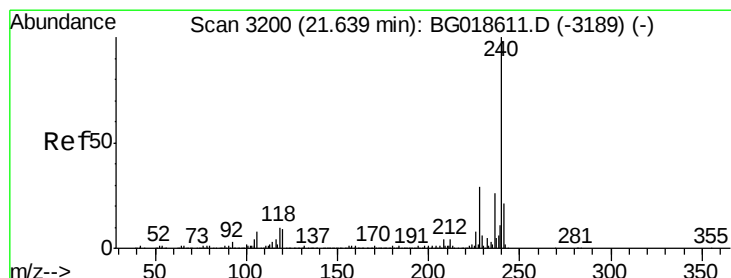
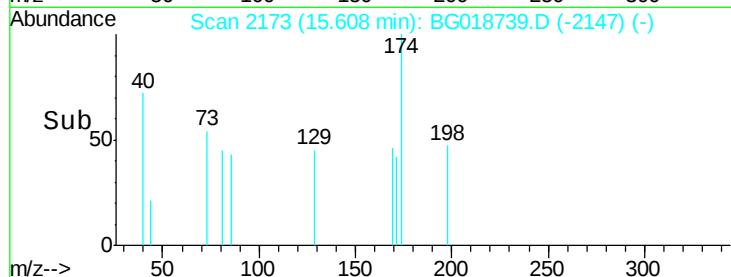
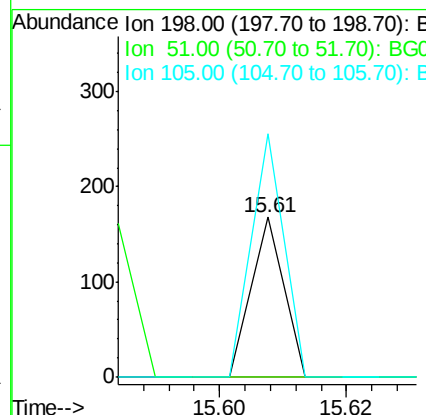
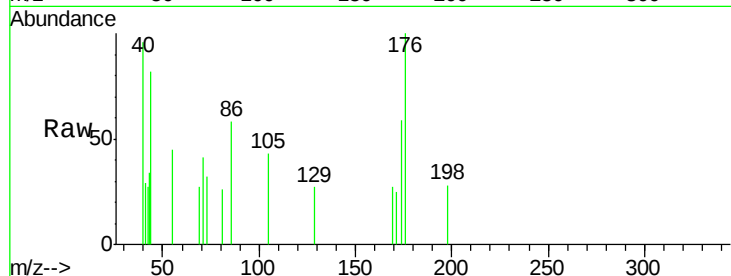




#64
4,6-Dinitro-2-methylphenol
Concen: 5.43 ng
RT: 15.61 min Scan# 2173
Delta R.T. -0.15 min
Lab File: BG018739.D
Acq: 17 Sep 2015 15:32

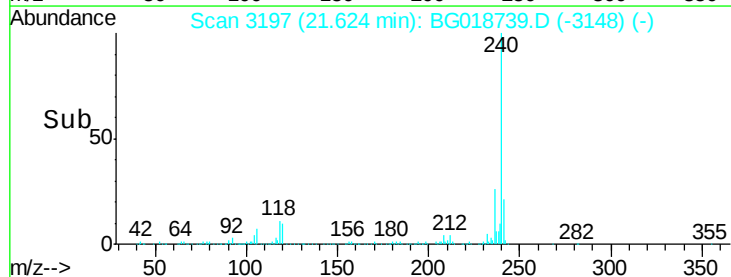
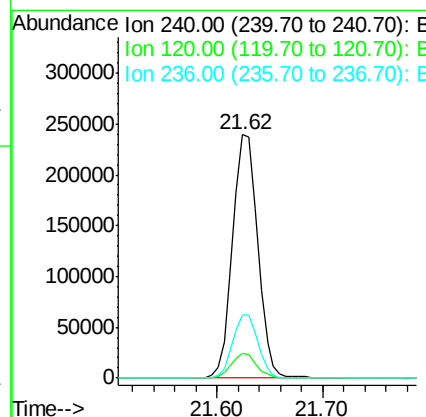
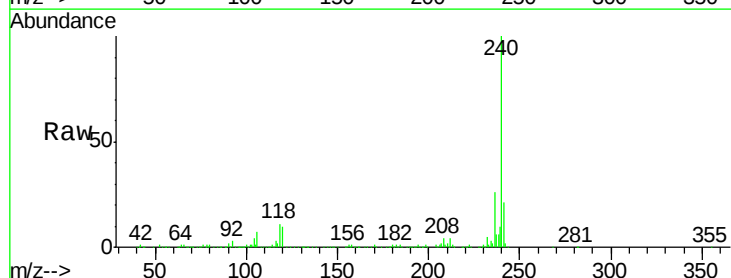
Instrument :
BNA_G
ClientSampleId :
CPS043034

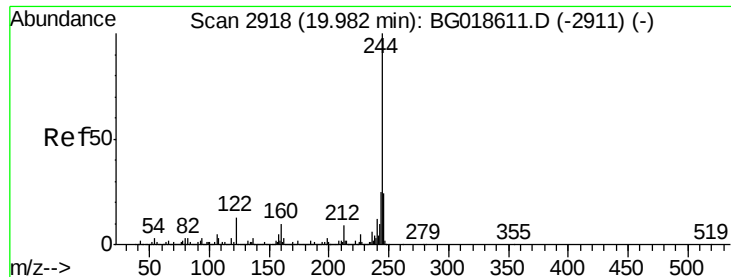
Tot Ion:198 Resp: 59
Ion Ratio Lower Upper
198 100
51 0.0 14.2 54.2#
105 152.4 21.1 61.1#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BG018739.D
Acq: 17 Sep 2015 15:32

Tgt Ion:240 Resp: 394532
Ion Ratio Lower Upper
240 100
120 10.4 7.4 11.0
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 96.25 ng

RT: 19.98 min Scan# 2917

Delta R.T. 0.00 min

Lab File: BG018739.D

Acq: 17 Sep 2015 15:32

Instrument :

BNA_G

ClientSampled :

CPS043034

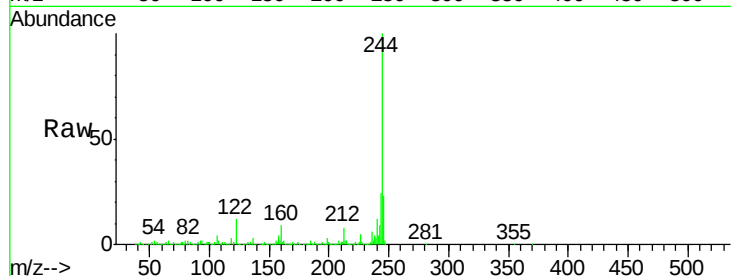
Tot Ion:244 Resp: 1446125

Ion Ratio Lower Upper

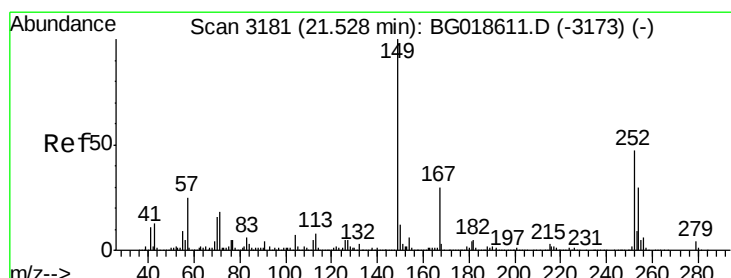
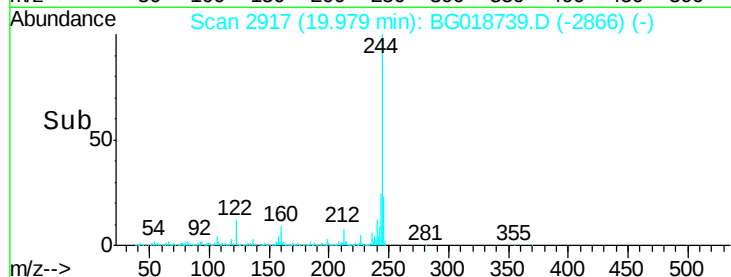
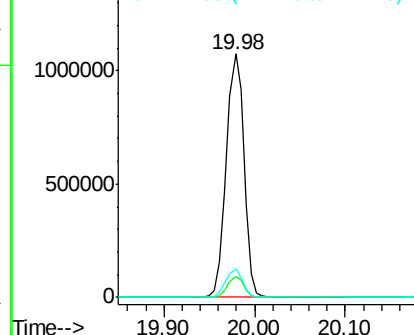
244 100

212 8.4 6.9 10.3

122 11.5 10.2 15.2



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: 2.25 ng

RT: 21.51 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG018739.D

Acq: 17 Sep 2015 15:32

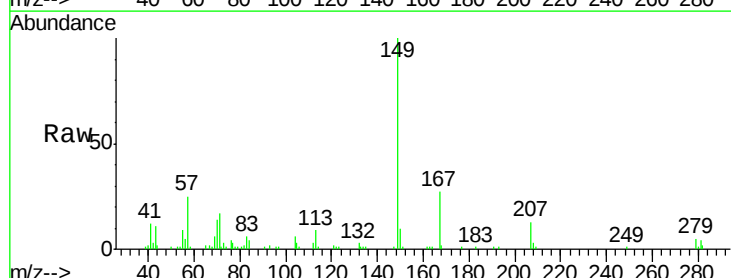
Tgt Ion:149 Resp: 31954

Ion Ratio Lower Upper

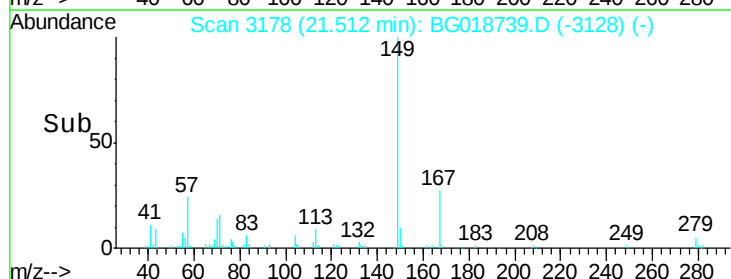
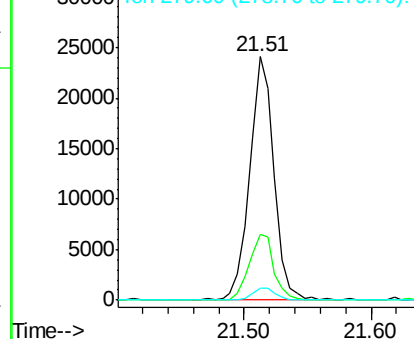
149 100

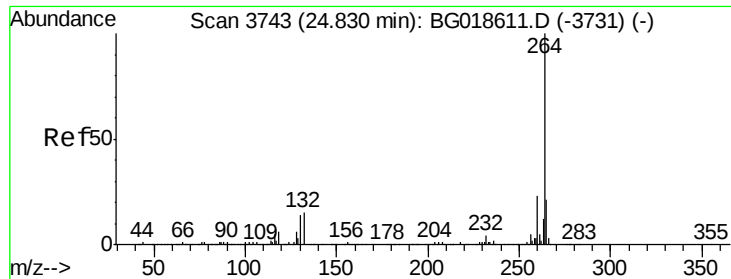
167 27.2 23.8 35.8

279 4.8 3.4 5.2



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: 24.81 min Scan# 3740
 Delta R.T. -0.00 min
 Lab File: BG018739.D
 Acq: 17 Sep 2015 15:32

Instrument :
 BNA_G
 ClientSampleId :
 CPS043034

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	20.6	17.2	25.8

