

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040915\
 Data File : BG016318.D
 Acq On : 10 Apr 2015 8:57
 Operator : TP/IZ
 Sample : G1805-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 15:02:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

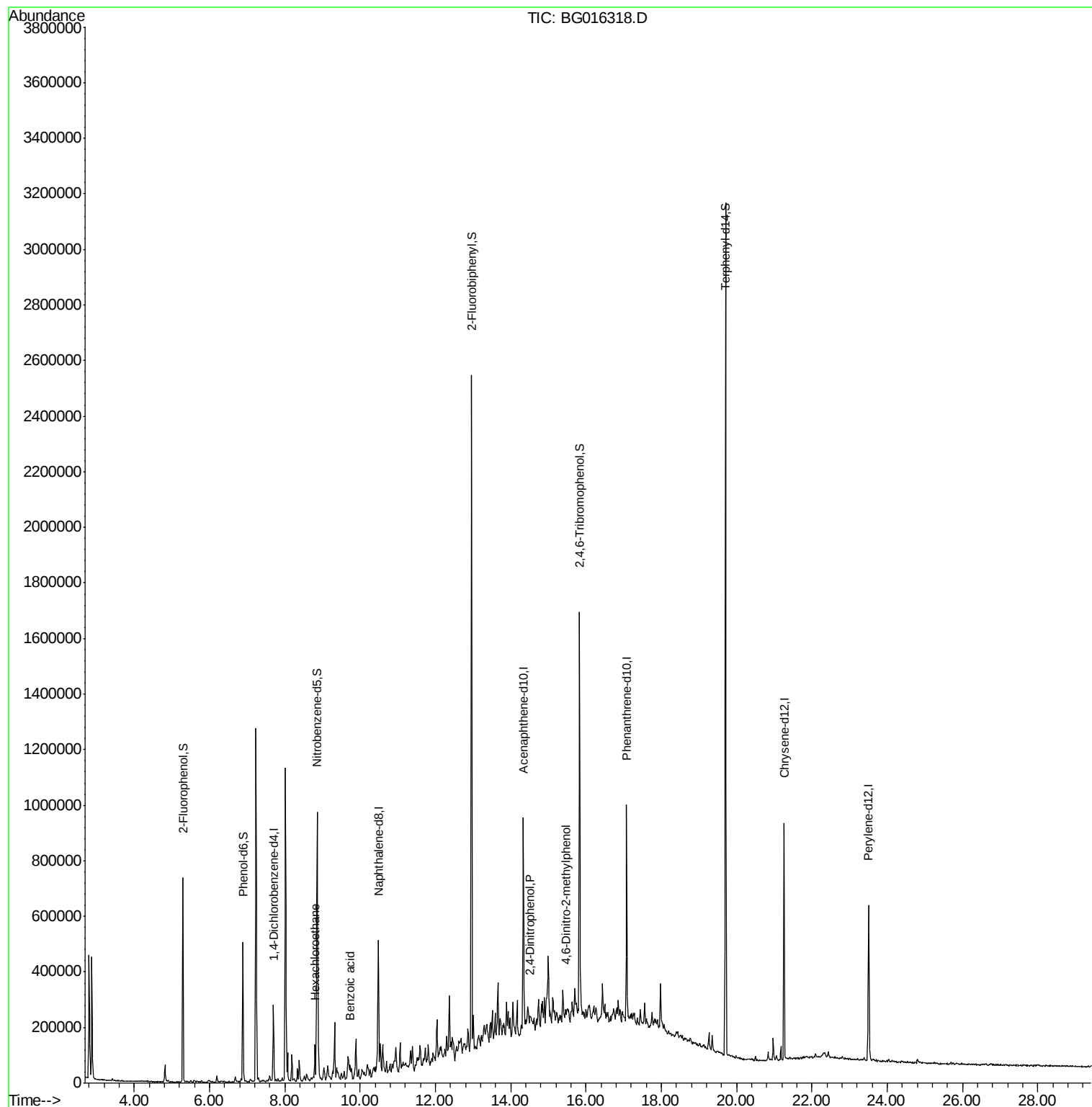
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	73838	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	363413	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	226746	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	419163	20.00	ng	0.00
75) Chrysene-d12	21.26	240	347883	20.00	ng	0.00
86) Perylene-d12	23.51	264	323552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	338967	72.45	ng	0.01
7) Phenol-d6	6.88	99	332707	47.37	ng	0.01
23) Nitrobenzene-d5	8.86	82	556168	88.66	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	199226	129.92	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	1165615	87.52	ng	0.00
78) Terphenyl-d14	19.71	244	1125087	75.69	ng	0.00
Target Compounds						
18) Hexachloroethane	8.80	117	26574	11.80	ng	# 23
32) Benzoic acid	9.74	122	248	8.79	ng	# 1
53) 2,4-Dinitrophenol	14.50	184	195	8.34	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.46	198	54	3.90	ng	# 1

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

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ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 10 15:02:09 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 04:17:17 2015
Response via : Initial Calibration



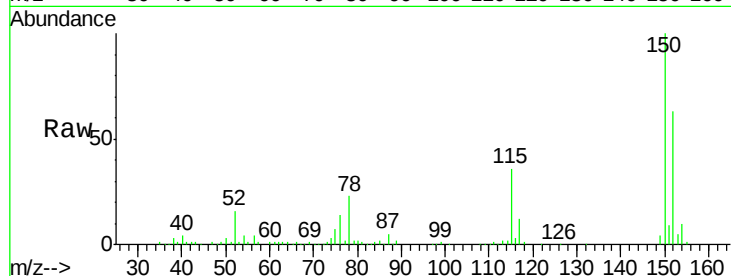


#1

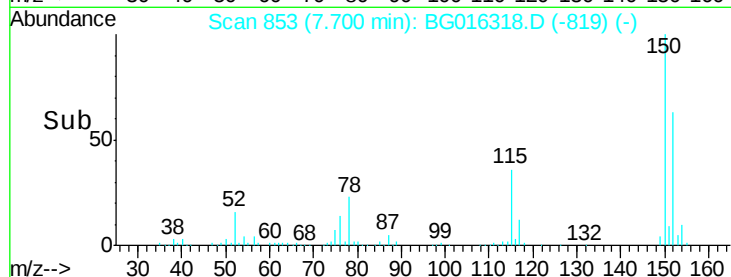
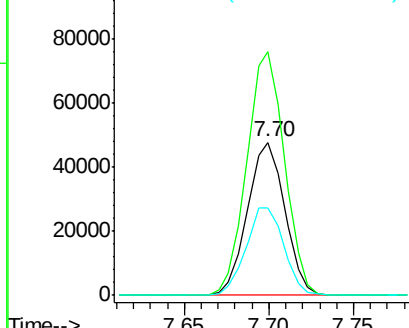
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 853
Delta R.T. 0.00 min
Lab File: BG016318.D
Acq: 10 Apr 2015 8:57

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 73838
Ion Ratio Lower Upper
152 100
150 159.0 130.1 195.1
115 57.5 50.5 75.7



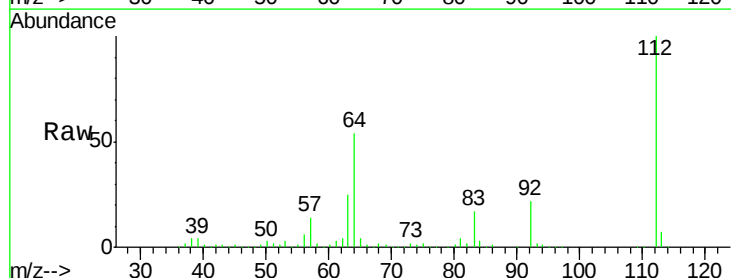
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



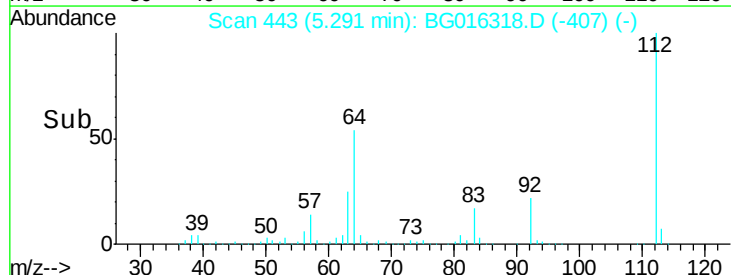
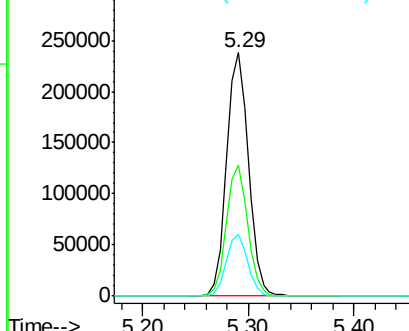
#5

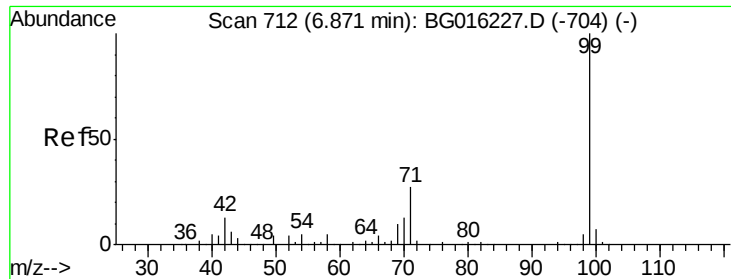
2-Fluorophenol
Concen: 72.45 ng
RT: 5.29 min Scan# 443
Delta R.T. 0.01 min
Lab File: BG016318.D
Acq: 10 Apr 2015 8:57

Tgt Ion:112 Resp: 338967
Ion Ratio Lower Upper
112 100
64 53.8 44.5 66.7
63 25.3 21.4 32.0



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: 47.37 ng

RT: 6.88 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG016318.D

Acq: 10 Apr 2015 8:57

Instrument :

BNA_G

ClientSampleId :

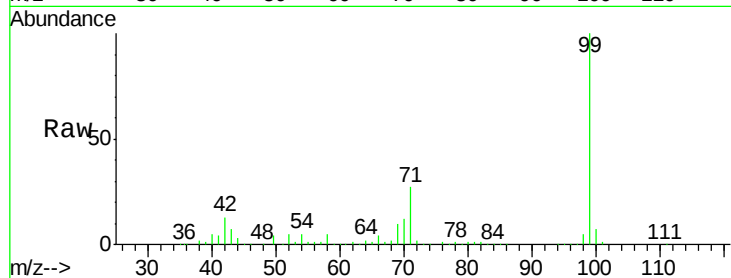
Tot Ion: 99 Resp: 332707

Ion Ratio Lower Upper

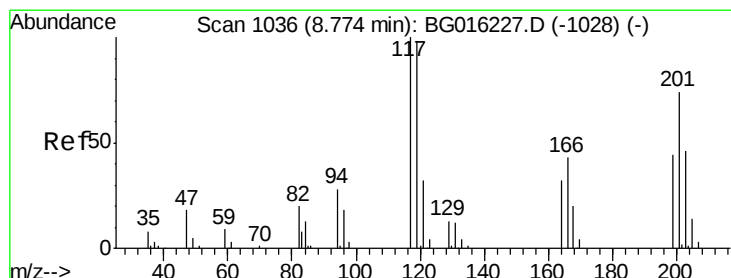
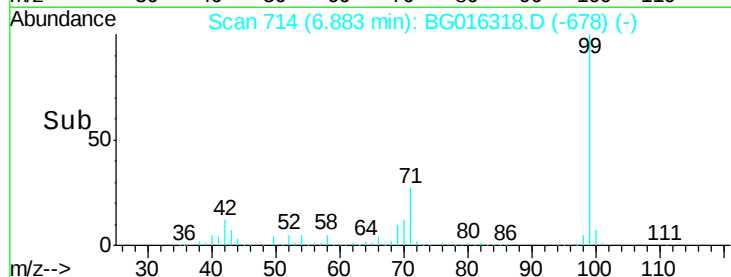
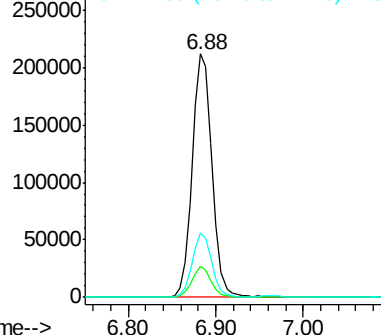
99 100

42 12.6 10.0 15.0

71 26.5 21.5 32.3



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



#18

Hexachloroethane

Concen: 11.80 ng

RT: 8.80 min Scan# 1040

Delta R.T. 0.02 min

Lab File: BG016318.D

Acq: 10 Apr 2015 8:57

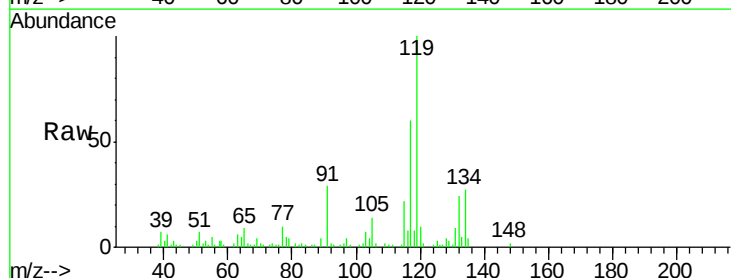
Tgt Ion: 117 Resp: 26574

Ion Ratio Lower Upper

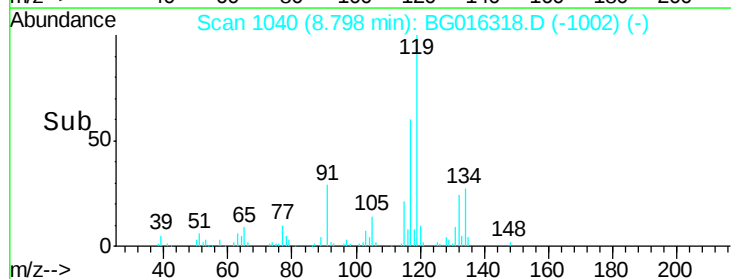
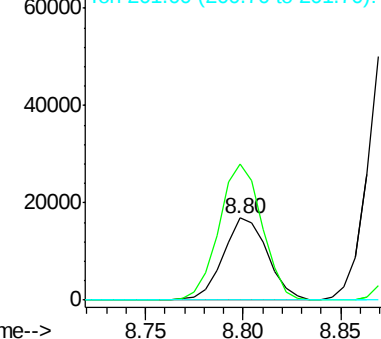
117 100

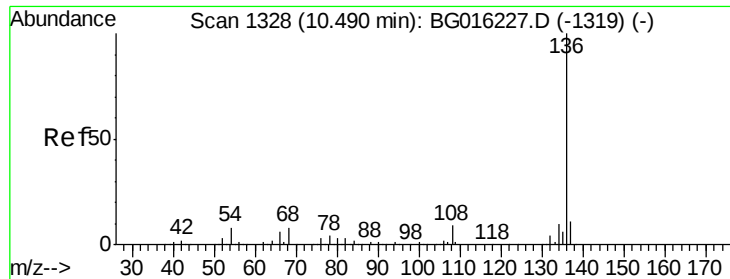
119 167.0 78.8 118.2#

201 0.0 59.0 88.4#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

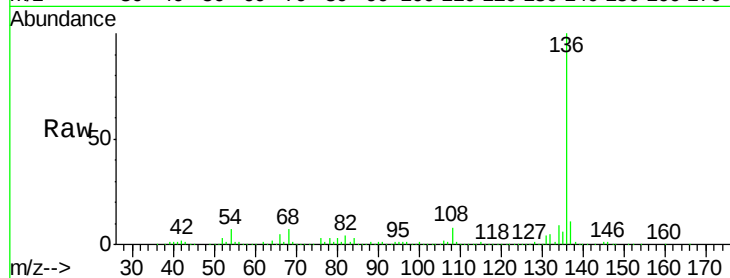




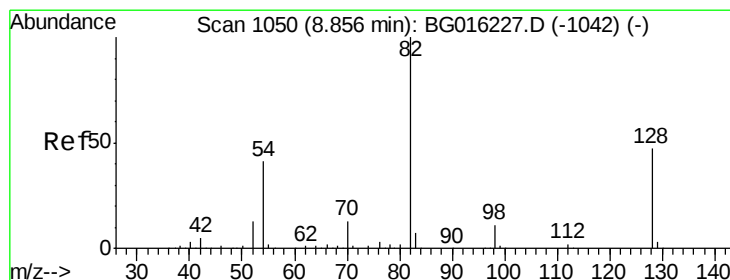
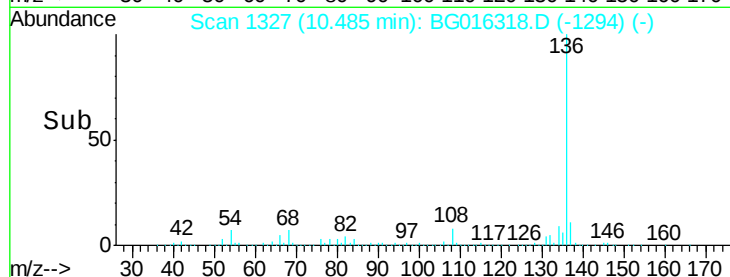
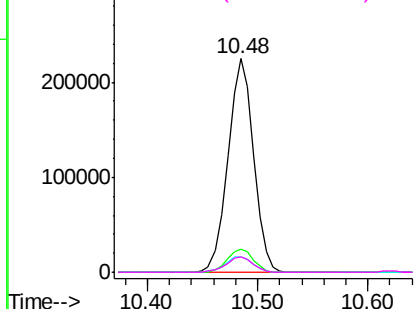
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG016318.D
Acq: 10 Apr 2015 8:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	363413
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.7 13.1
54	7.0	6.3 9.5
68	7.5	6.5 9.7

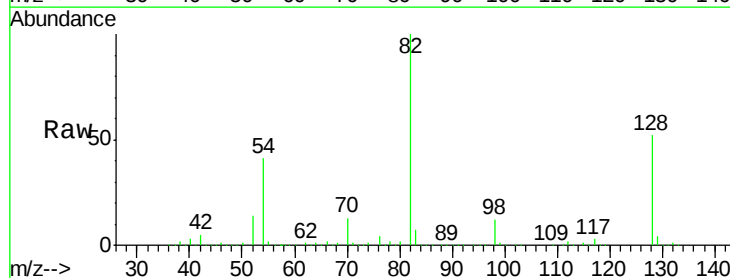


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

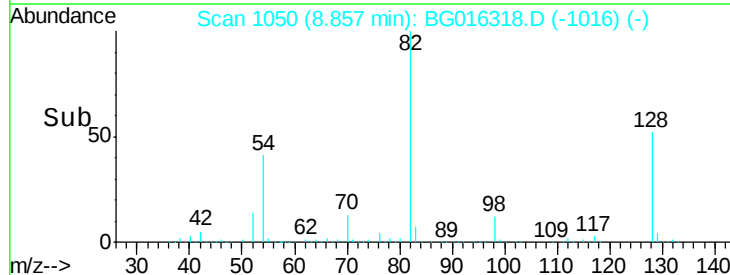
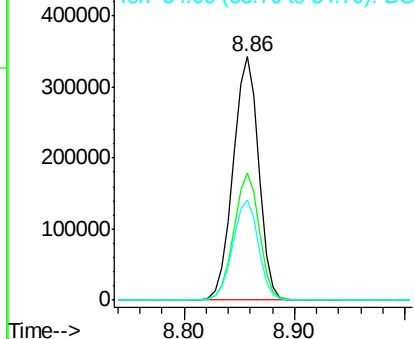


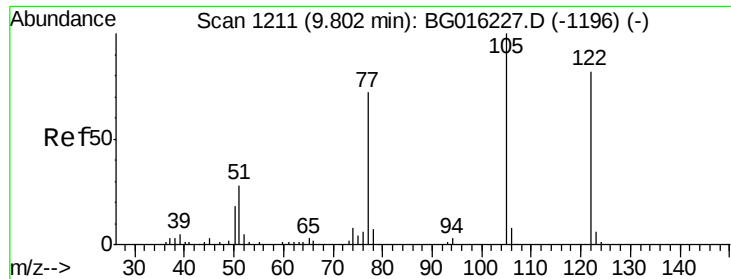
#23
Nitrobenzene-d5
Concen: 88.66 ng
RT: 8.86 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG016318.D
Acq: 10 Apr 2015 8:57

Tgt Ion: 82	Resp:	556168
Ion	Ratio	Lower Upper
82	100	
128	52.1	37.8 56.8
54	41.4	32.6 49.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

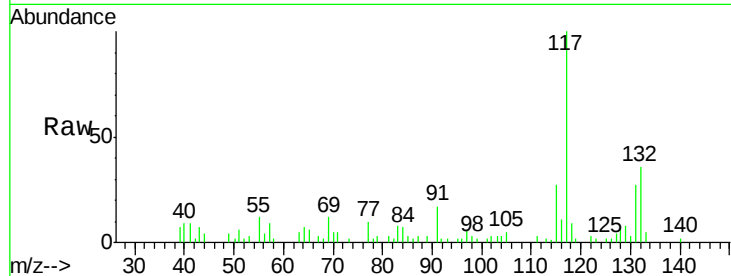




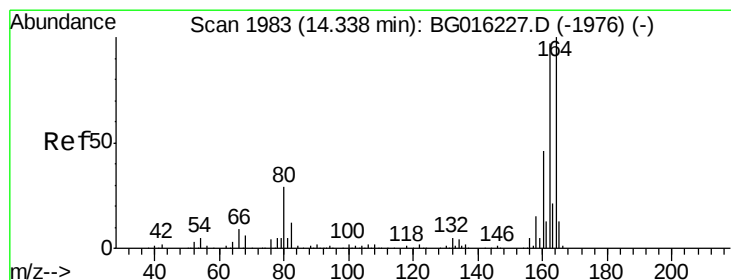
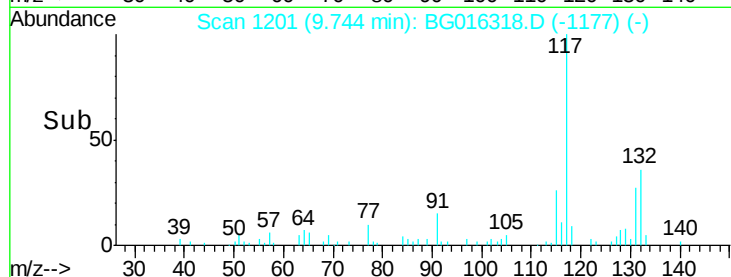
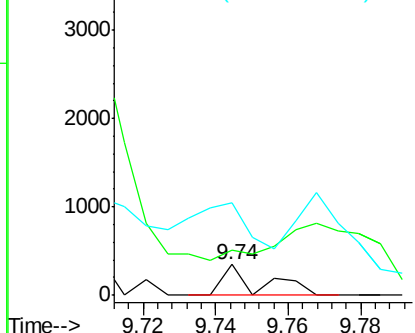
#32
Benzoic acid
Concen: 8.79 ng
RT: 9.74 min Scan# 1201
Delta R.T. -0.06 min
Lab File: BG016318.D
Acq: 10 Apr 2015 8:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 248
Ion Ratio Lower Upper
122 100
105 148.0 99.7 139.7#
77 302.0 66.8 106.8#

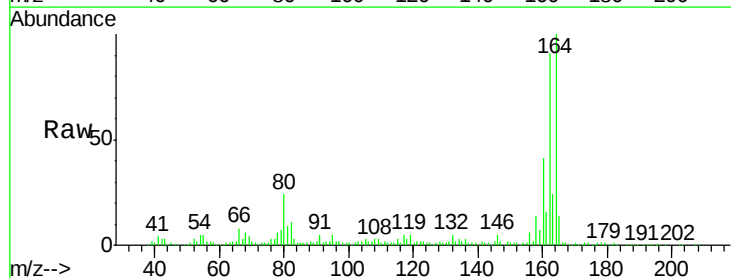


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

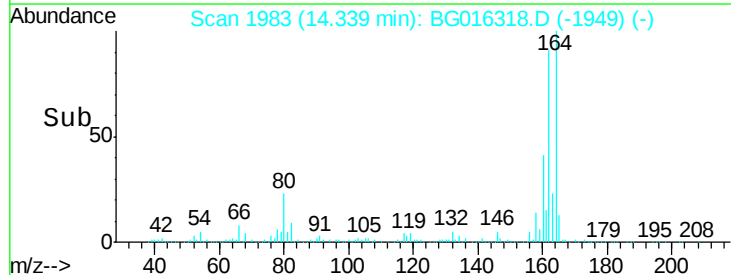
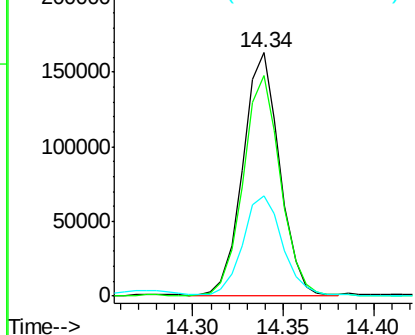


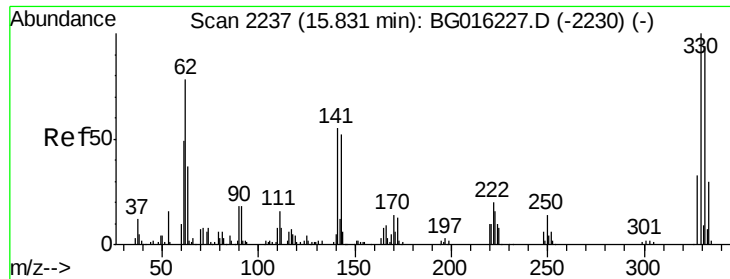
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG016318.D
Acq: 10 Apr 2015 8:57

Tgt Ion:164 Resp: 226746
Ion Ratio Lower Upper
164 100
162 90.8 77.3 115.9
160 41.3 36.7 55.1



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

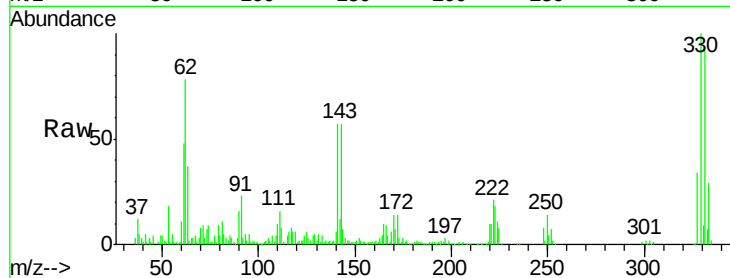




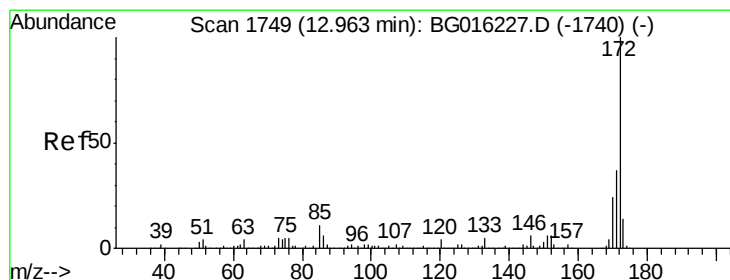
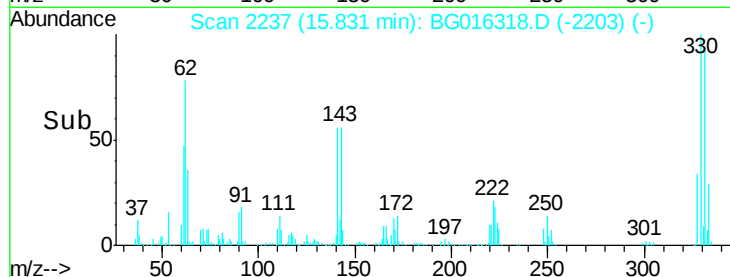
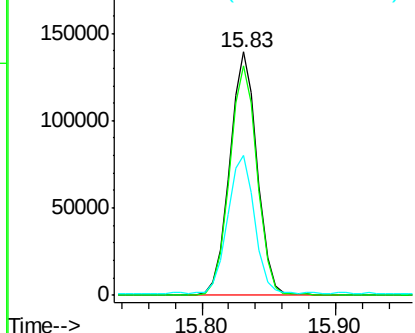
#41
 2,4,6-Tribromophenol
 Concen: 129.92 ng
 RT: 15.83 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: BG016318.D
 Acq: 10 Apr 2015 8:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.8	113.6
141	55.3	46.6	69.8

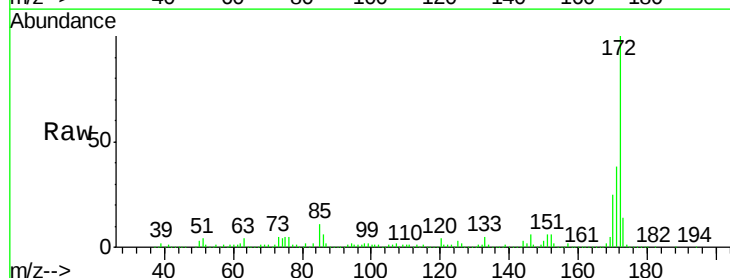


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

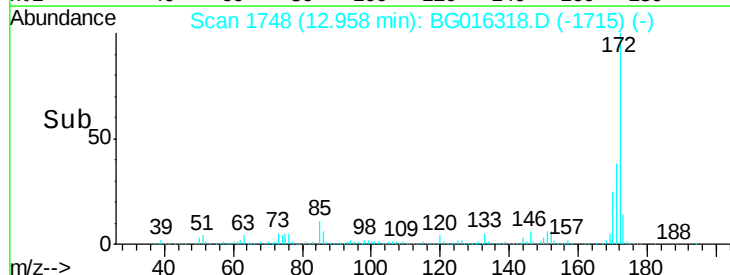
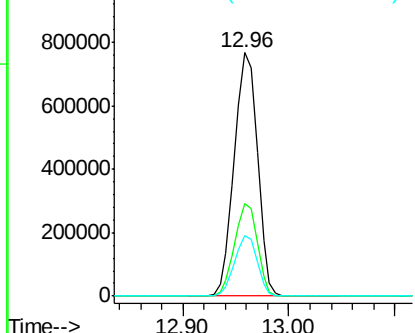


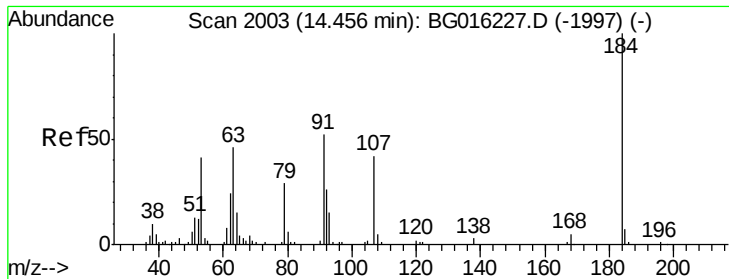
#44
 2-Fluorobiphenyl
 Concen: 87.52 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG016318.D
 Acq: 10 Apr 2015 8:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.6	44.4
170	25.0	19.4	29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

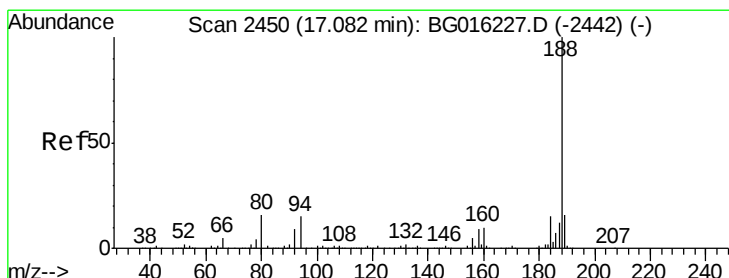
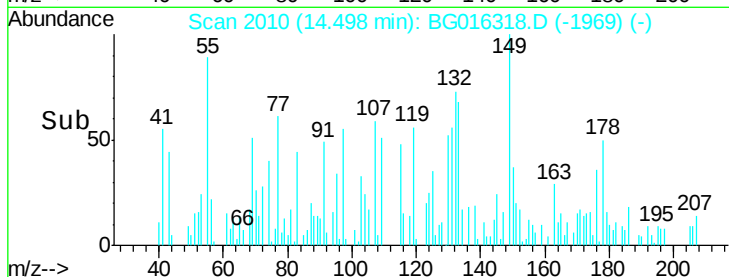
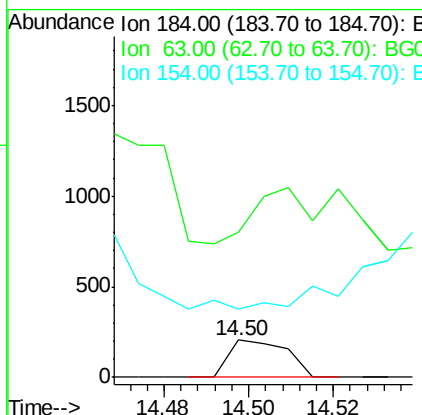
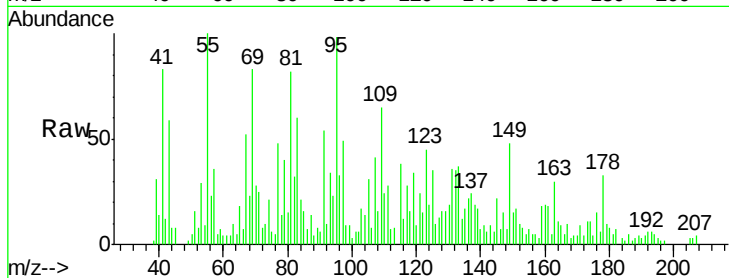




#53
 2,4-Dinitrophenol
 Concen: 8.34 ng
 RT: 14.50 min Scan# 2010
 Delta R.T. 0.04 min
 Lab File: BG016318.D
 Acq: 10 Apr 2015 8:57

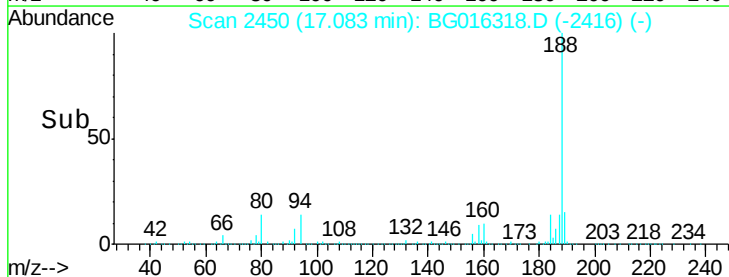
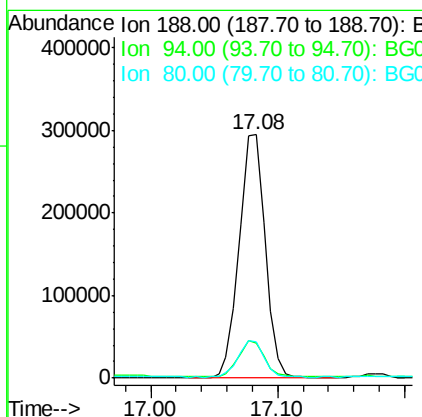
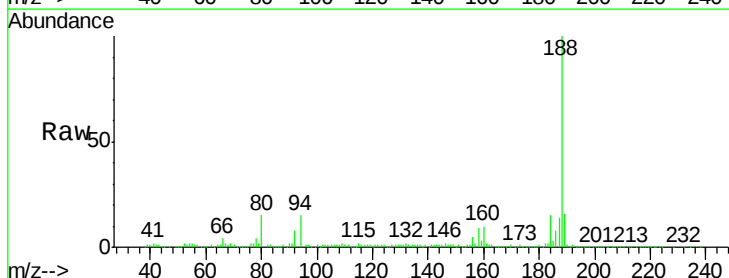
Instrument :
 BNA_G
 ClientSampled :

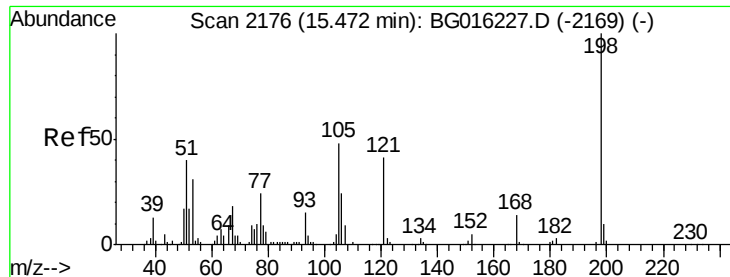
Tot Ion:184 Resp: 195
 Ion Ratio Lower Upper
 184 100
 63 392.2 45.8 68.6#
 154 186.3 34.5 51.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.08 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: BG016318.D
 Acq: 10 Apr 2015 8:57

Tgt Ion:188 Resp: 419163
 Ion Ratio Lower Upper
 188 100
 94 14.5 12.2 18.4
 80 14.8 12.8 19.2





#64

4,6-Dinitro-2-methylphenol

Concen: 3.90 ng

RT: 15.46 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG016318.D

Acq: 10 Apr 2015 8:57

Instrument :

BNA_G

ClientSampleId :

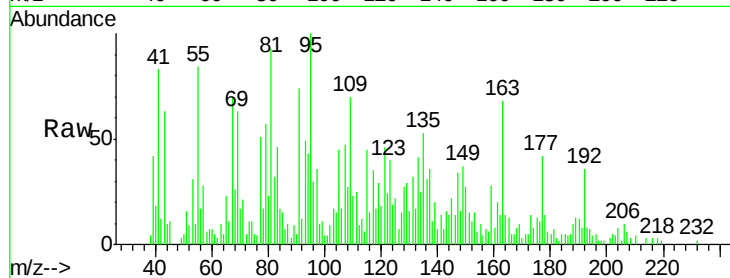
Tot Ion:198 Resp: 54

Ion Ratio Lower Upper

198 100

51 830.1 20.7 60.7#

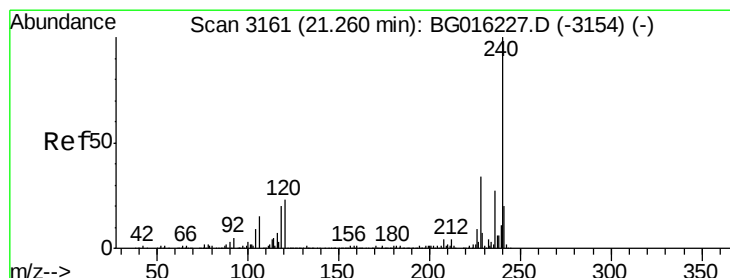
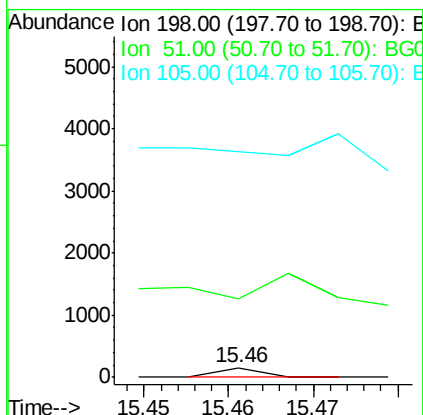
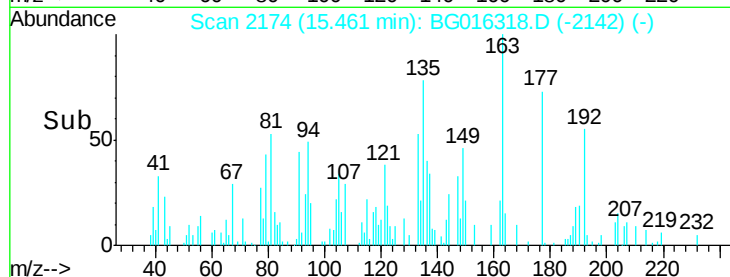
105 2374.5 28.8 68.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG016318.D

Acq: 10 Apr 2015 8:57

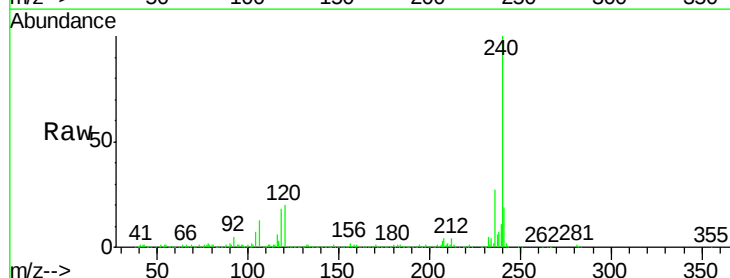
Tgt Ion:240 Resp: 347883

Ion Ratio Lower Upper

240 100

120 20.4 18.6 28.0

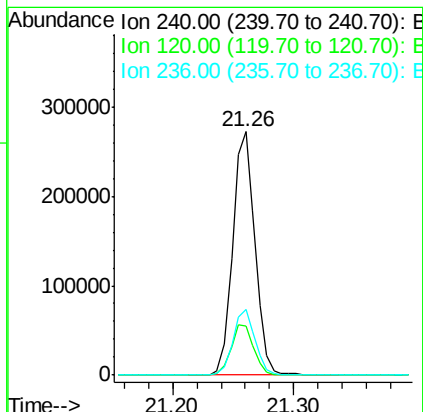
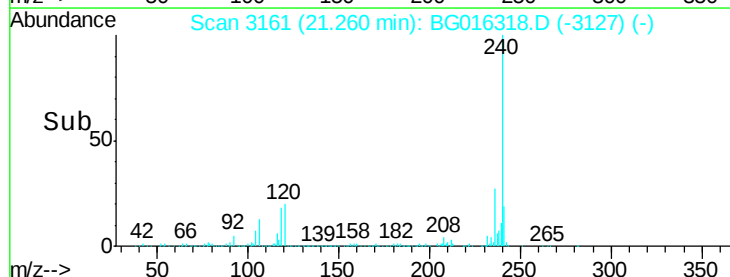
236 27.1 21.7 32.5

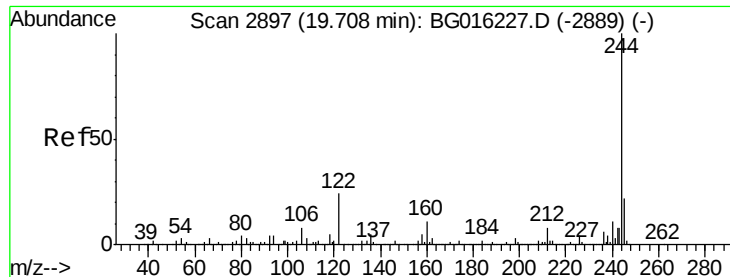


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.69 ng

RT: 19.71 min Scan# 2897

Delta R.T. 0.00 min

Lab File: BG016318.D

Acq: 10 Apr 2015 8:57

Instrument :

BNA_G

ClientSampleId :

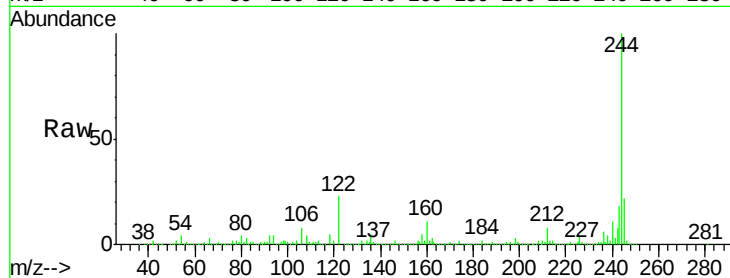
Tot Ion:244 Resp: 1125087

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

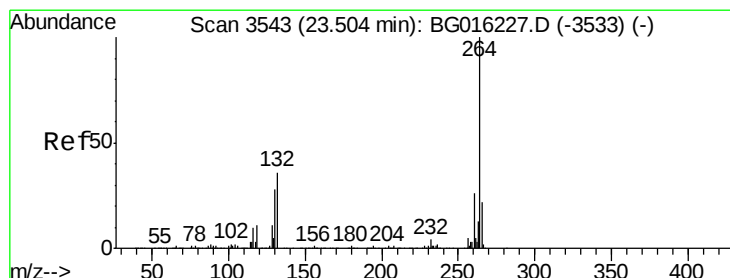
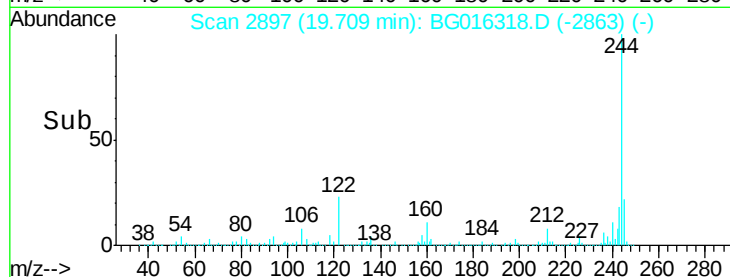
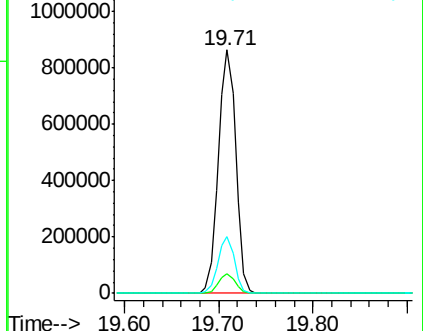
122 23.4 19.1 28.7



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.51 min Scan# 3544

Delta R.T. 0.01 min

Lab File: BG016318.D

Acq: 10 Apr 2015 8:57

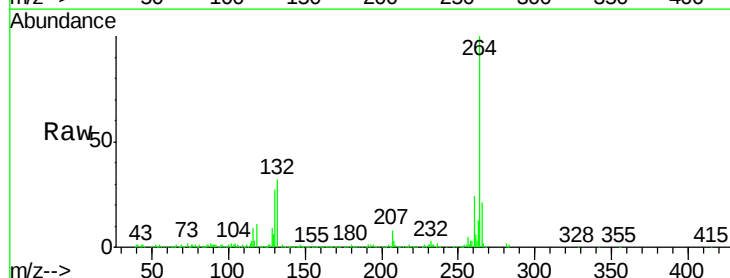
Tgt Ion:264 Resp: 323552

Ion Ratio Lower Upper

264 100

260 24.3 20.4 30.6

265 20.8 17.2 25.8



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

