

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040915\
 Data File : BG016314.D
 Acq On : 10 Apr 2015 6:39
 Operator : TP/IZ
 Sample : G1805-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-22

Quant Time: Apr 10 07:39:35 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

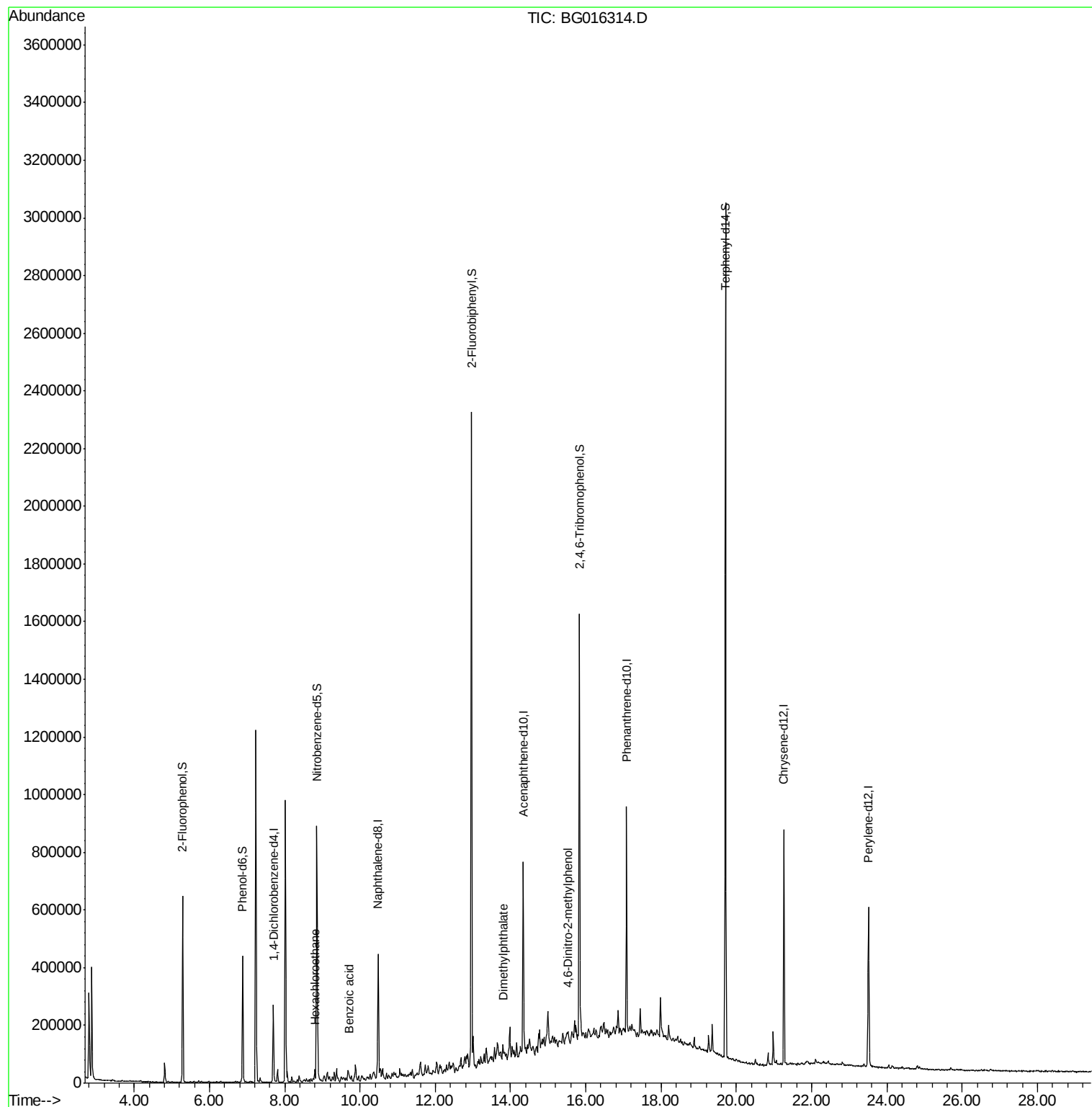
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	70221	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	346471	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	210205	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	407232	20.00	ng	0.00
75) Chrysene-d12	21.26	240	335893	20.00	ng	0.00
86) Perylene-d12	23.51	264	312661	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	299331	67.27	ng	0.00
7) Phenol-d6	6.88	99	287936	43.11	ng	0.00
23) Nitrobenzene-d5	8.85	82	515785	86.24	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	201747	141.92	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	1095453	88.73	ng	0.00
78) Terphenyl-d14	19.71	244	1109155	77.28	ng	0.00
Target Compounds						
18) Hexachloroethane	8.80	117	6951	3.25	ng	# 1
32) Benzoic acid	9.72	122	70	8.75	ng	# 51
49) Dimethylphthalate	13.80	163	32802	2.13	ng	99
64) 4,6-Dinitro-2-methylphenol	15.53	198	273	3.97	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG016314.D

Acq: 10 Apr 2015 6:39

Instrument :

BNA_G

ClientSampleId :

MW-22

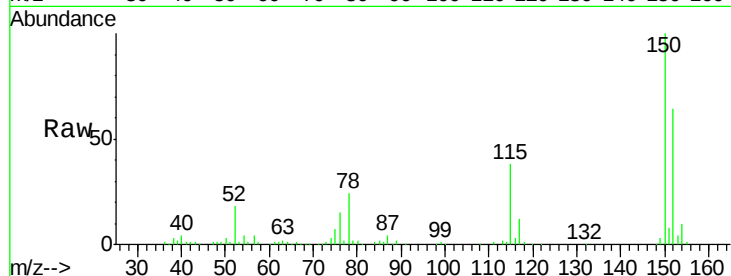
Tgt Ion:152 Resp: 70221

Ion Ratio Lower Upper

152 100

150 155.7 130.1 195.1

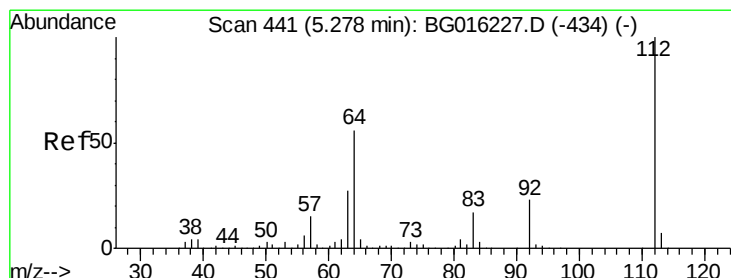
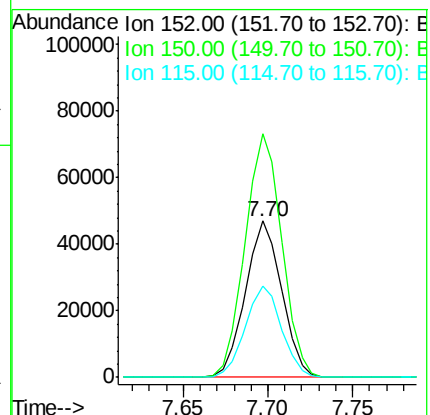
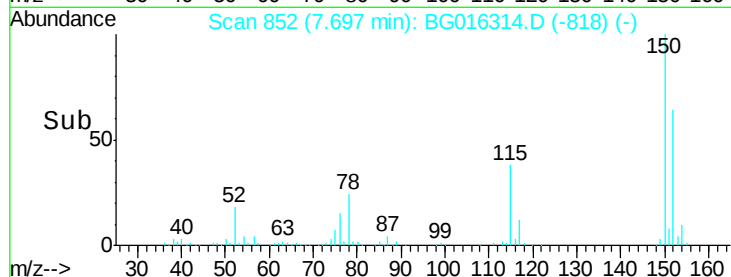
115 58.6 50.5 75.7



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: 67.27 ng

RT: 5.29 min Scan# 442

Delta R.T. 0.01 min

Lab File: BG016314.D

Acq: 10 Apr 2015 6:39

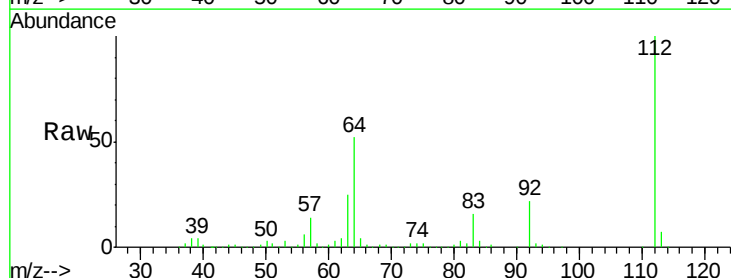
Tgt Ion:112 Resp: 299331

Ion Ratio Lower Upper

112 100

64 52.2 44.5 66.7

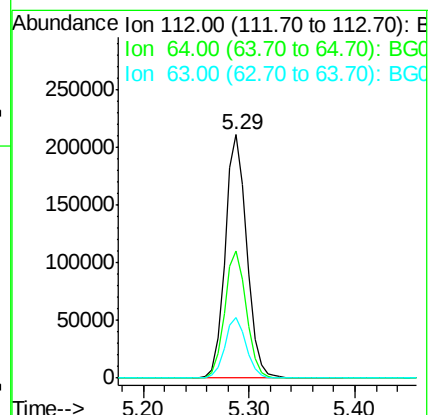
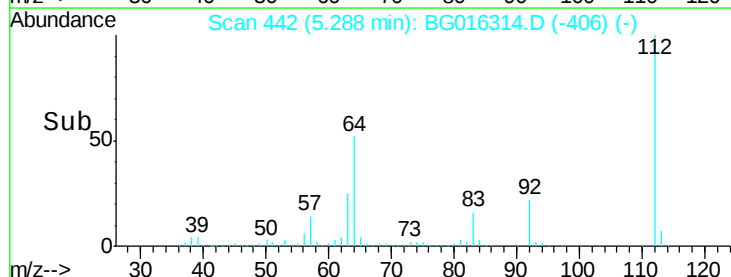
63 25.0 21.4 32.0

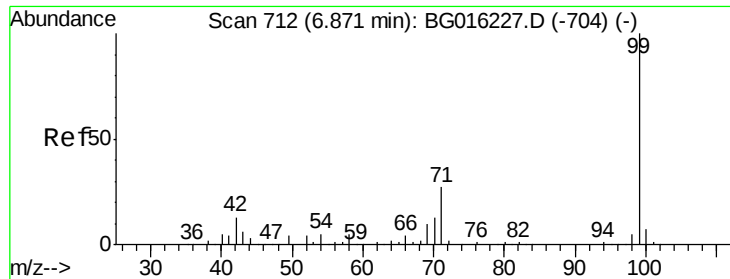


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 43.11 ng

RT: 6.88 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG016314.D

Acq: 10 Apr 2015 6:39

Instrument :

BNA_G

ClientSampleId :

MW-22

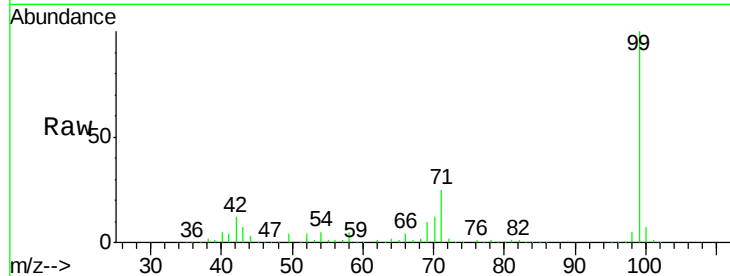
Tgt Ion: 99 Resp: 287936

Ion Ratio Lower Upper

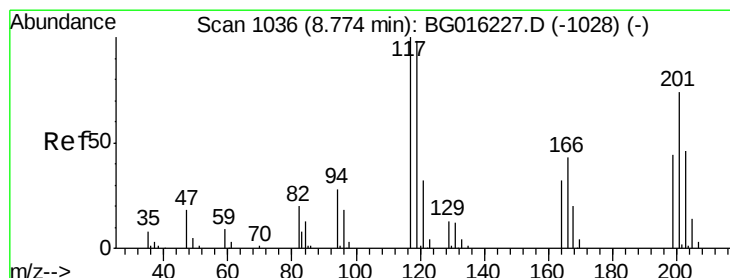
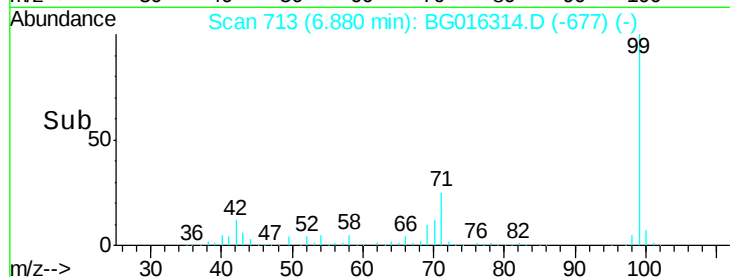
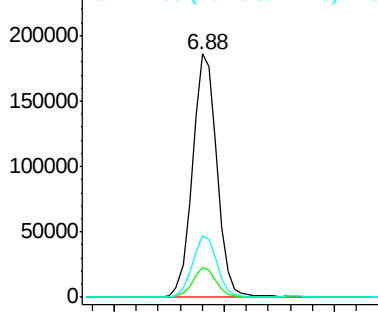
99 100

42 12.3 10.0 15.0

71 25.5 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: 3.25 ng

RT: 8.80 min Scan# 1040

Delta R.T. 0.03 min

Lab File: BG016314.D

Acq: 10 Apr 2015 6:39

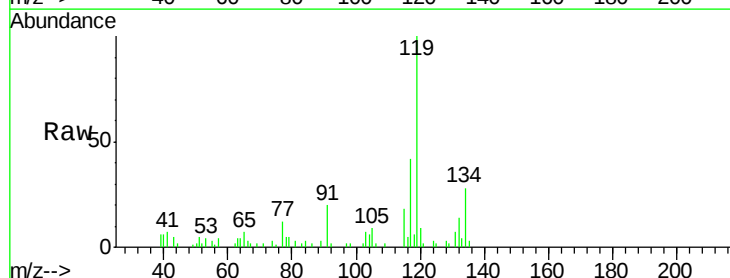
Tgt Ion: 117 Resp: 6951

Ion Ratio Lower Upper

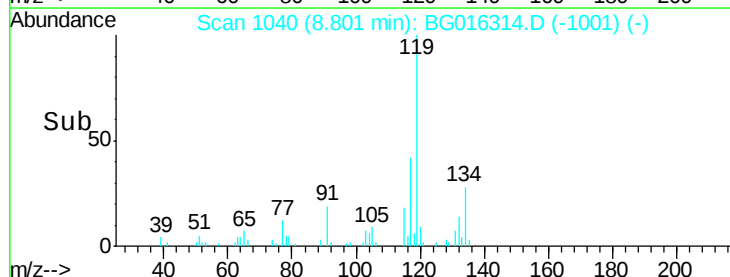
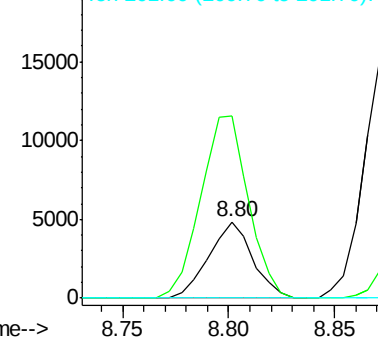
117 100

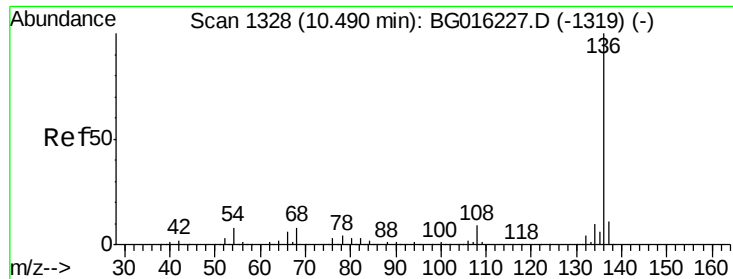
119 239.1 78.8 118.2#

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

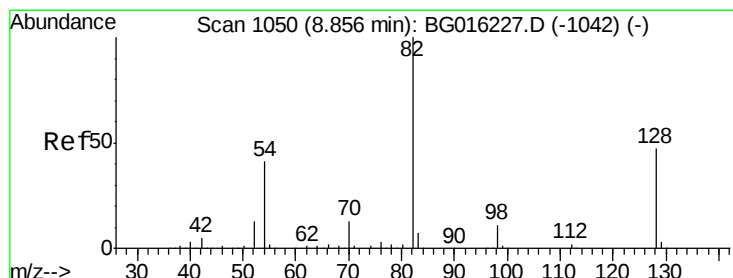
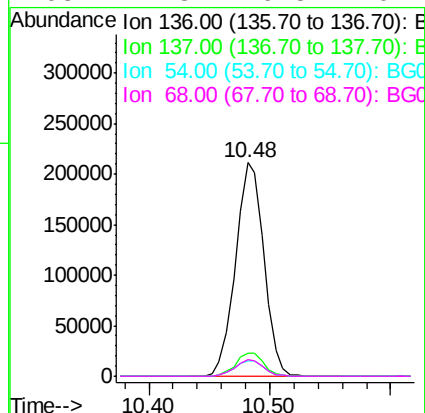
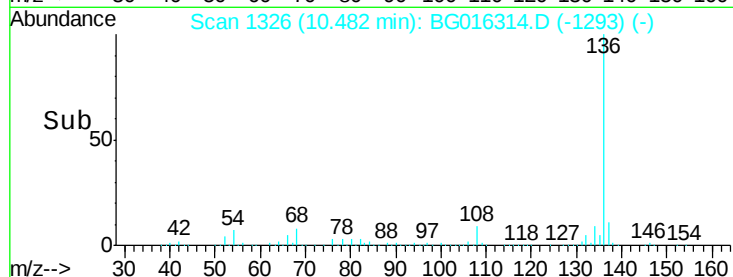
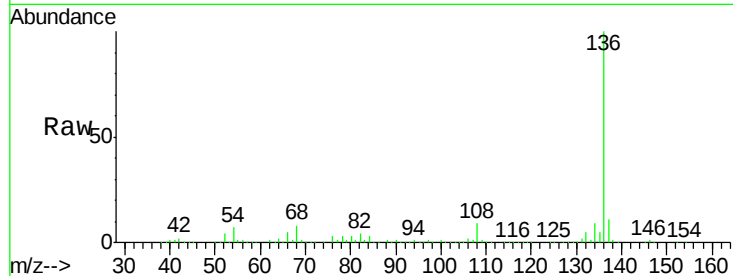




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG016314.D
Acq: 10 Apr 2015 6:39

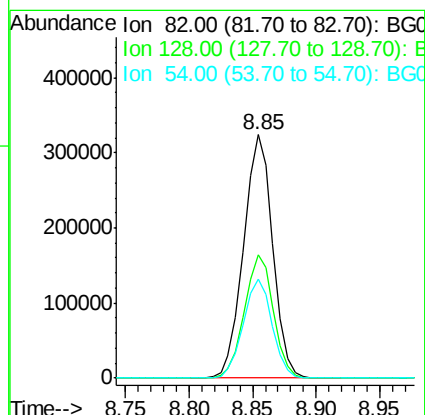
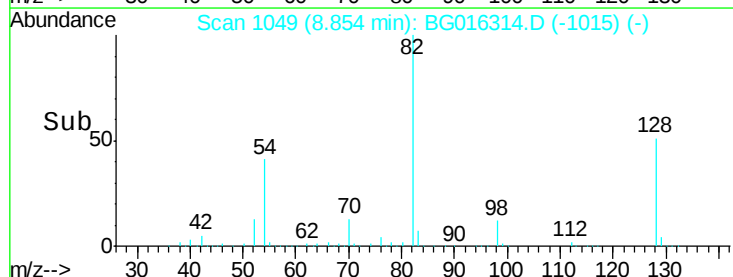
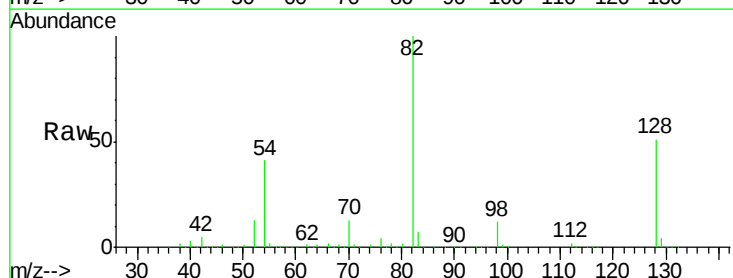
Instrument :
BNA_G
ClientSampleId :
MW-22

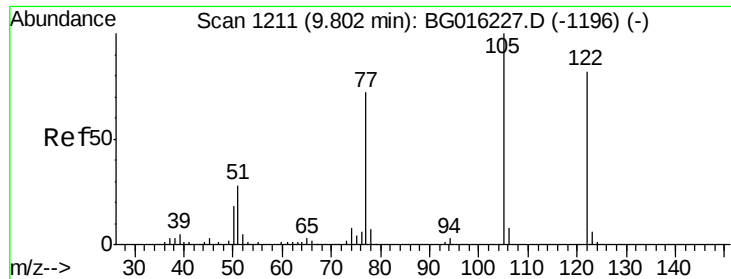
Tgt Ion:	136	Resp:	346471
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	7.4	6.3	9.5
68	7.8	6.5	9.7



#23
Nitrobenzene-d5
Concen: 86.24 ng
RT: 8.85 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG016314.D
Acq: 10 Apr 2015 6:39

Tgt Ion:	82	Resp:	515785
Ion	Ratio	Lower	Upper
82	100		
128	50.7	37.8	56.8
54	40.8	32.6	49.0

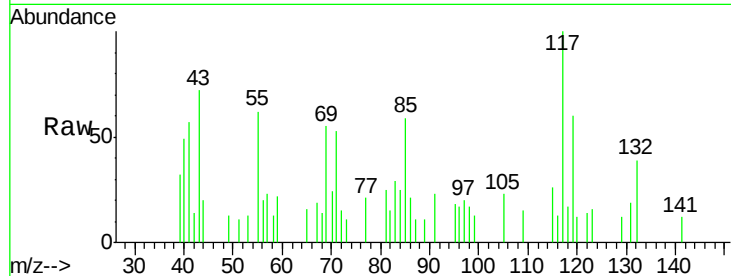




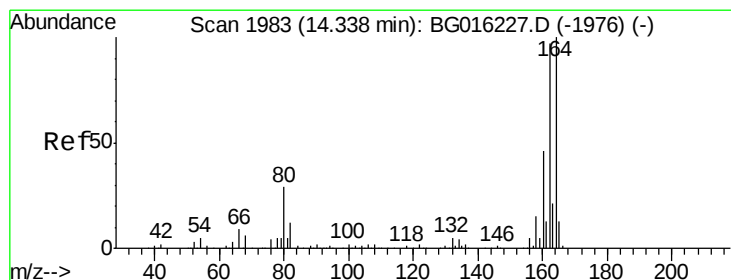
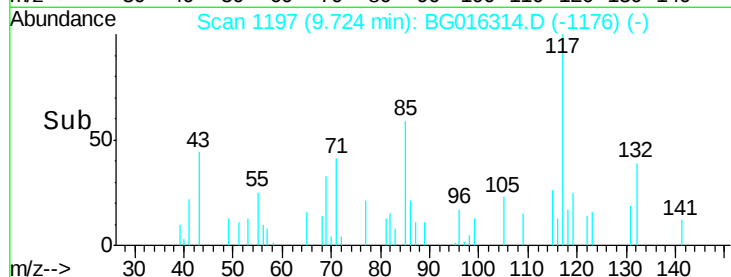
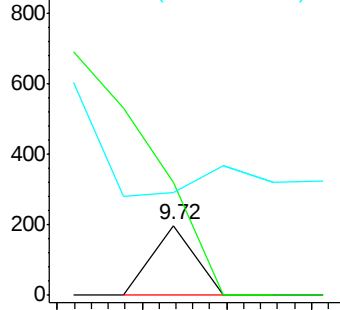
#32
Benzoic acid
Concen: 8.75 ng
RT: 9.72 min Scan# 1197
Delta R.T. -0.08 min
Lab File: BG016314.D
Acq: 10 Apr 2015 6:39

Instrument :
BNA_G
ClientSampled :
MW-22

Tgt Ion:122 Resp: 70
Ion Ratio Lower Upper
122 100
105 161.1 99.7 139.7#
77 148.0 66.8 106.8#

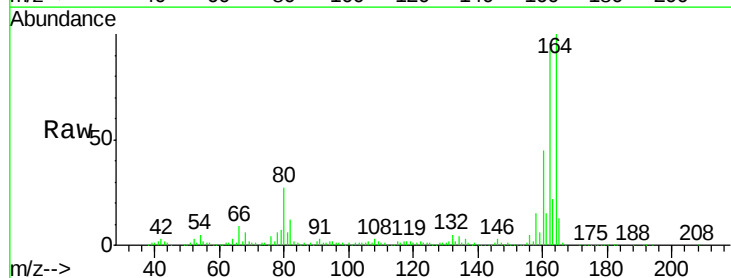


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

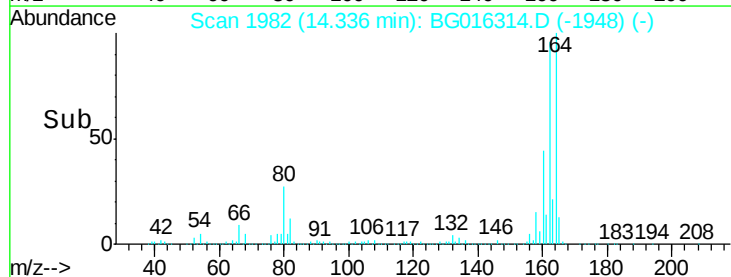
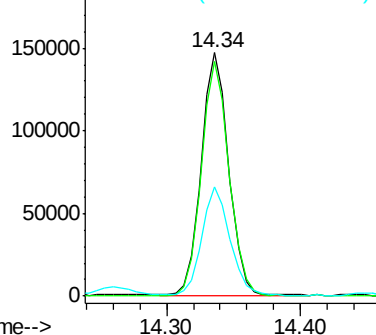


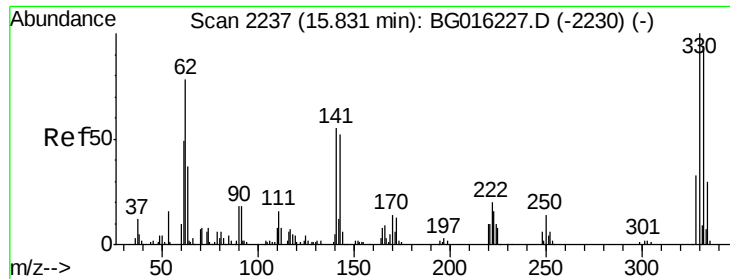
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG016314.D
Acq: 10 Apr 2015 6:39

Tgt Ion:164 Resp: 210205
Ion Ratio Lower Upper
164 100
162 96.1 77.3 115.9
160 44.6 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

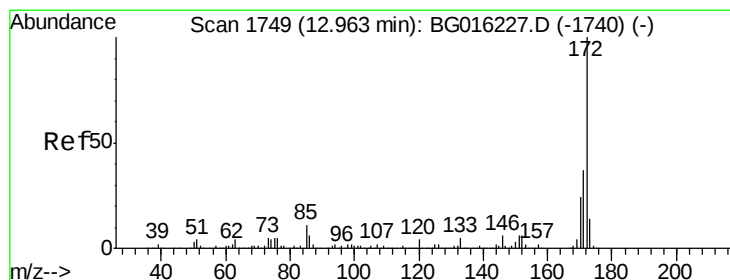
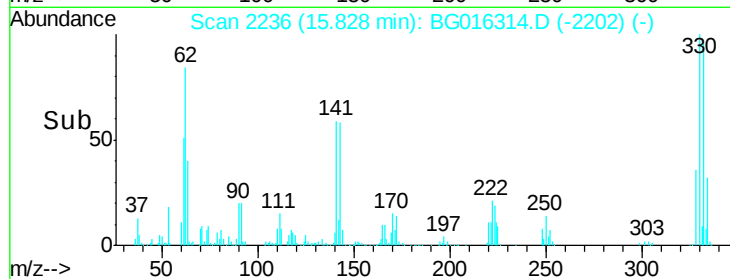
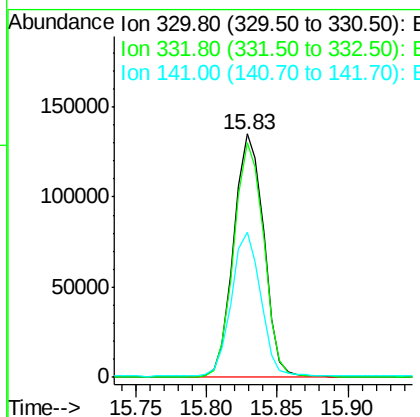
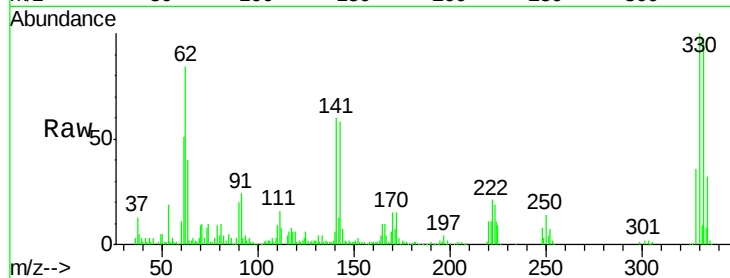




#41
 2,4,6-Tribromophenol
 Concen: 141.92 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG016314.D
 Acq: 10 Apr 2015 6:39

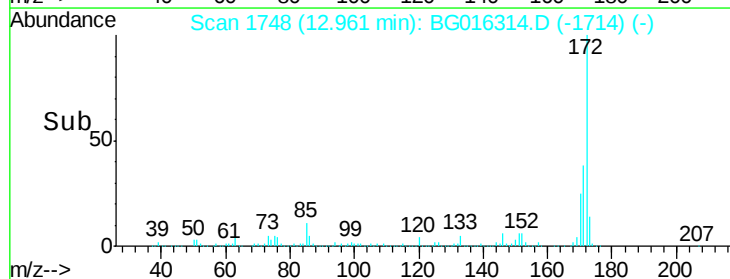
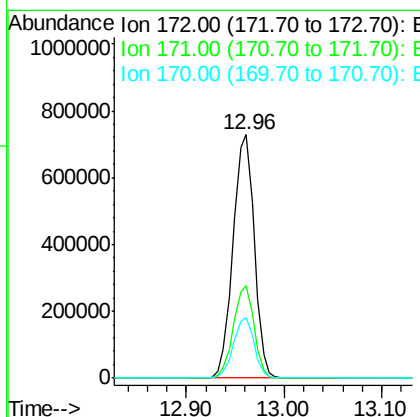
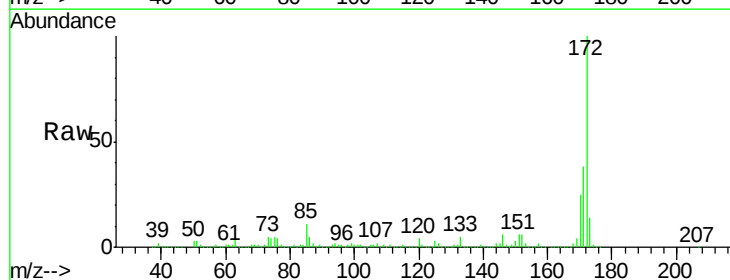
Instrument :
 BNA_G
 ClientSampleId :
 MW-22

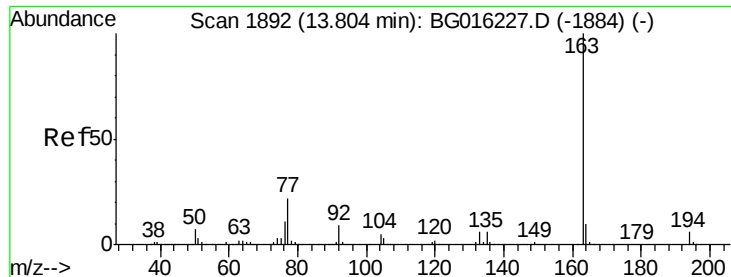
Tgt Ion:330 Resp: 201747
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.8 113.6
 141 58.1 46.6 69.8



#44
 2-Fluorobiphenyl
 Concen: 88.73 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG016314.D
 Acq: 10 Apr 2015 6:39

Tgt Ion:172 Resp: 1095453
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.6 44.4
 170 24.8 19.4 29.2





#49

Dimethylphthalate

Concen: 2.13 ng

RT: 13.80 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG016314.D

Acq: 10 Apr 2015 6:39

Instrument :

BNA_G

ClientSampleId :

MW-22

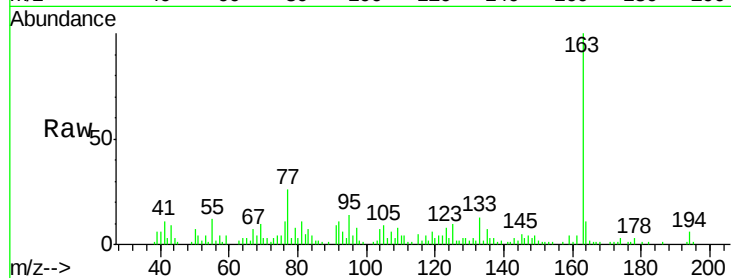
Tgt Ion:163 Resp: 32802

Ion Ratio Lower Upper

163 100

194 6.4 5.0 7.4

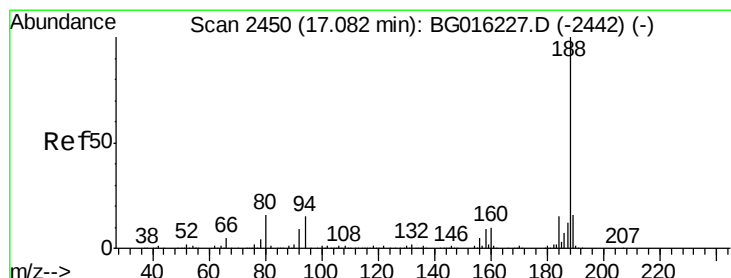
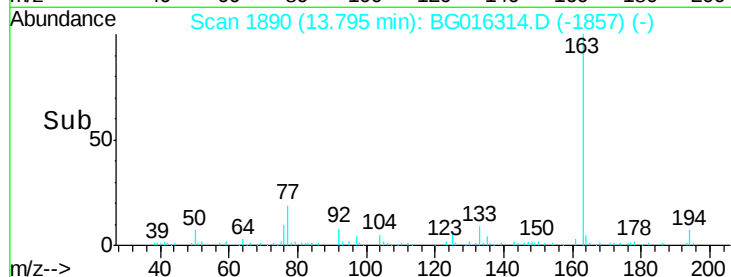
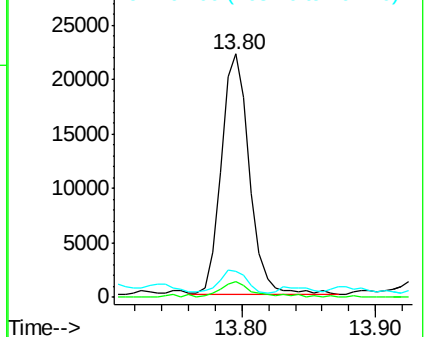
164 10.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG016314.D

Acq: 10 Apr 2015 6:39

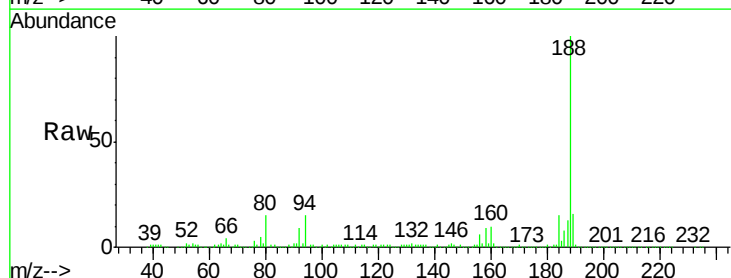
Tgt Ion:188 Resp: 407232

Ion Ratio Lower Upper

188 100

94 14.8 12.2 18.4

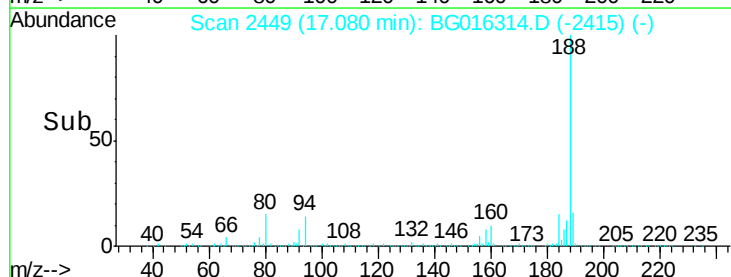
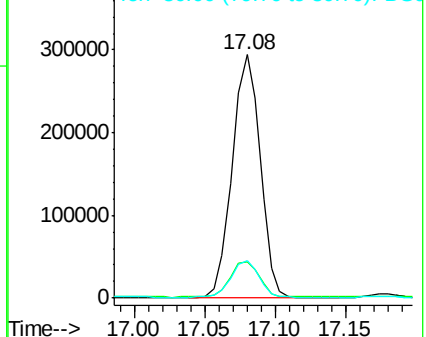
80 15.4 12.8 19.2

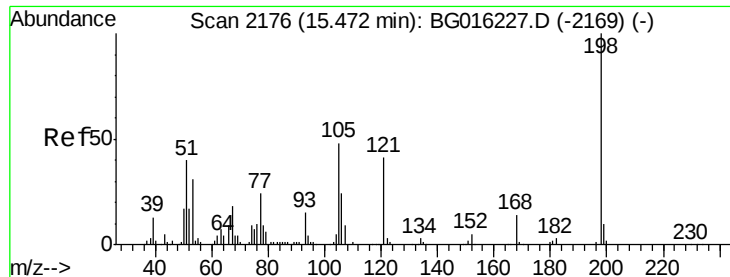


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

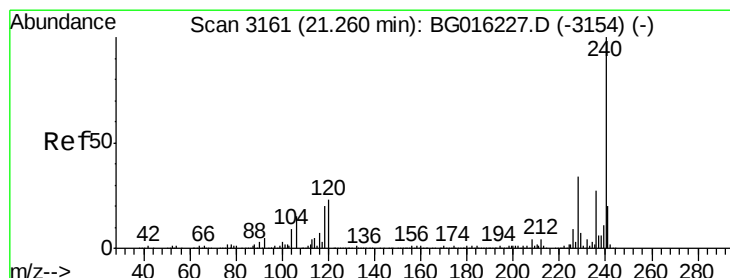
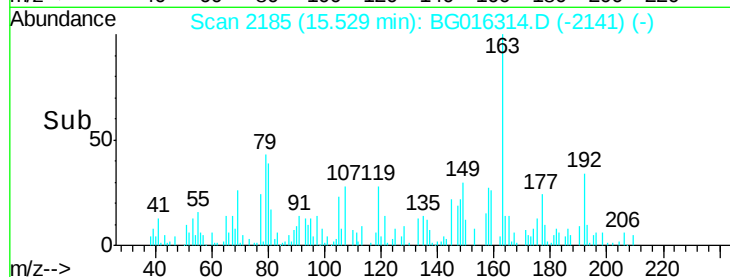
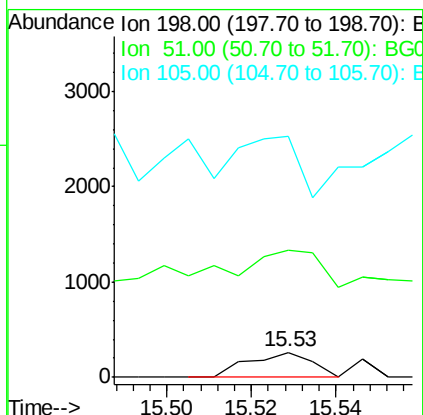
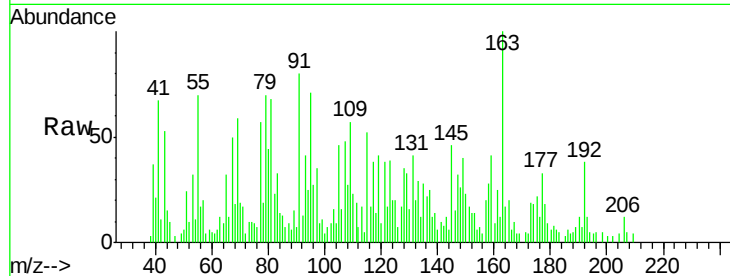




#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.97 ng
 RT: 15.53 min Scan# 2185
 Delta R.T. 0.06 min
 Lab File: BG016314.D
 Acq: 10 Apr 2015 6:39

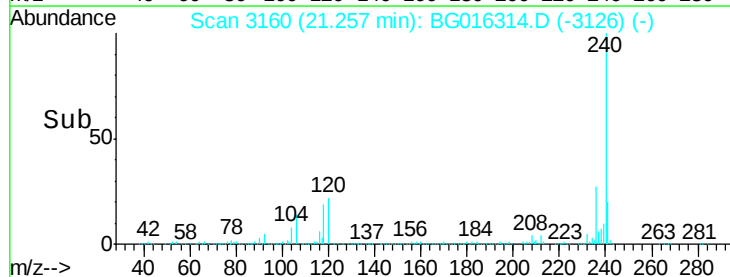
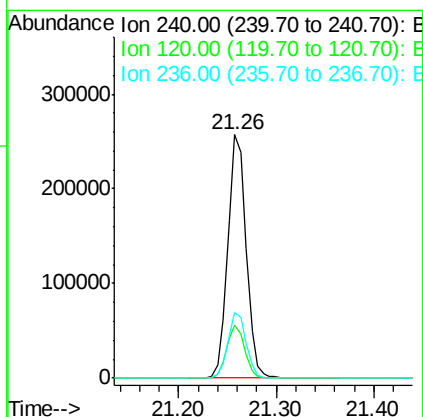
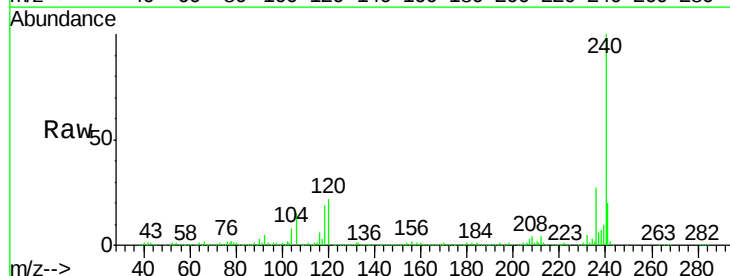
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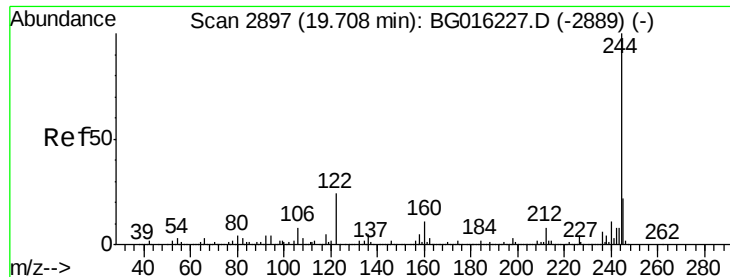
Tgt Ion:198 Resp: 273
 Ion Ratio Lower Upper
 198 100
 51 507.2 20.7 60.7#
 105 958.0 28.8 68.8#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.26 min Scan# 3160
 Delta R.T. -0.00 min
 Lab File: BG016314.D
 Acq: 10 Apr 2015 6:39

Tgt Ion:240 Resp: 335893
 Ion Ratio Lower Upper
 240 100
 120 21.7 18.6 28.0
 236 26.8 21.7 32.5

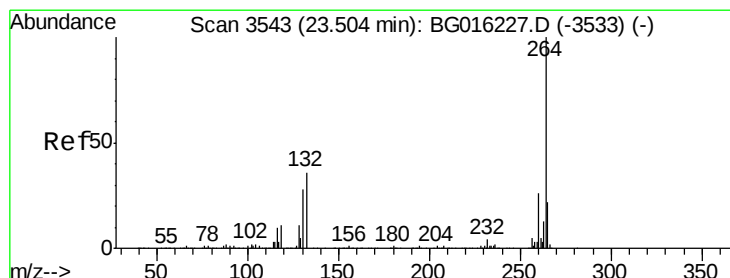
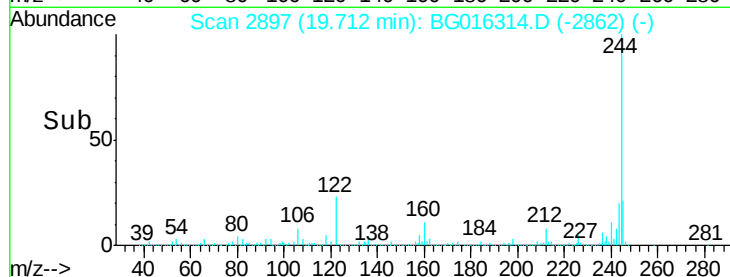
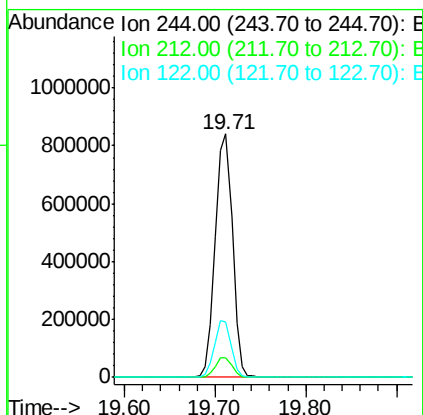
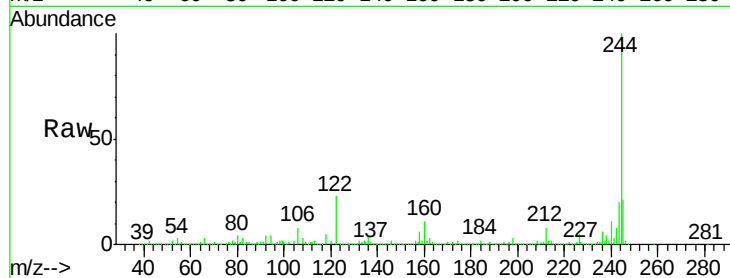




#78
 Terphenyl-d14
 Concen: 77.28 ng
 RT: 19.71 min Scan# 2897
 Delta R.T. 0.00 min
 Lab File: BG016314.D
 Acq: 10 Apr 2015 6:39

Instrument :
 BNA_G
 ClientSampled :
 MW-22

Tgt Ion:244 Resp: 1109155
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 22.8 19.1 28.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.51 min Scan# 3543
 Delta R.T. 0.00 min
 Lab File: BG016314.D
 Acq: 10 Apr 2015 6:39

Tgt Ion:264 Resp: 312661
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.4 30.6
 265 21.2 17.2 25.8

