

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041415\
 Data File : BG016400.D
 Acq On : 14 Apr 2015 17:19
 Operator : TP/IZ
 Sample : G1826-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-19

Quant Time: Apr 15 03:38:13 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

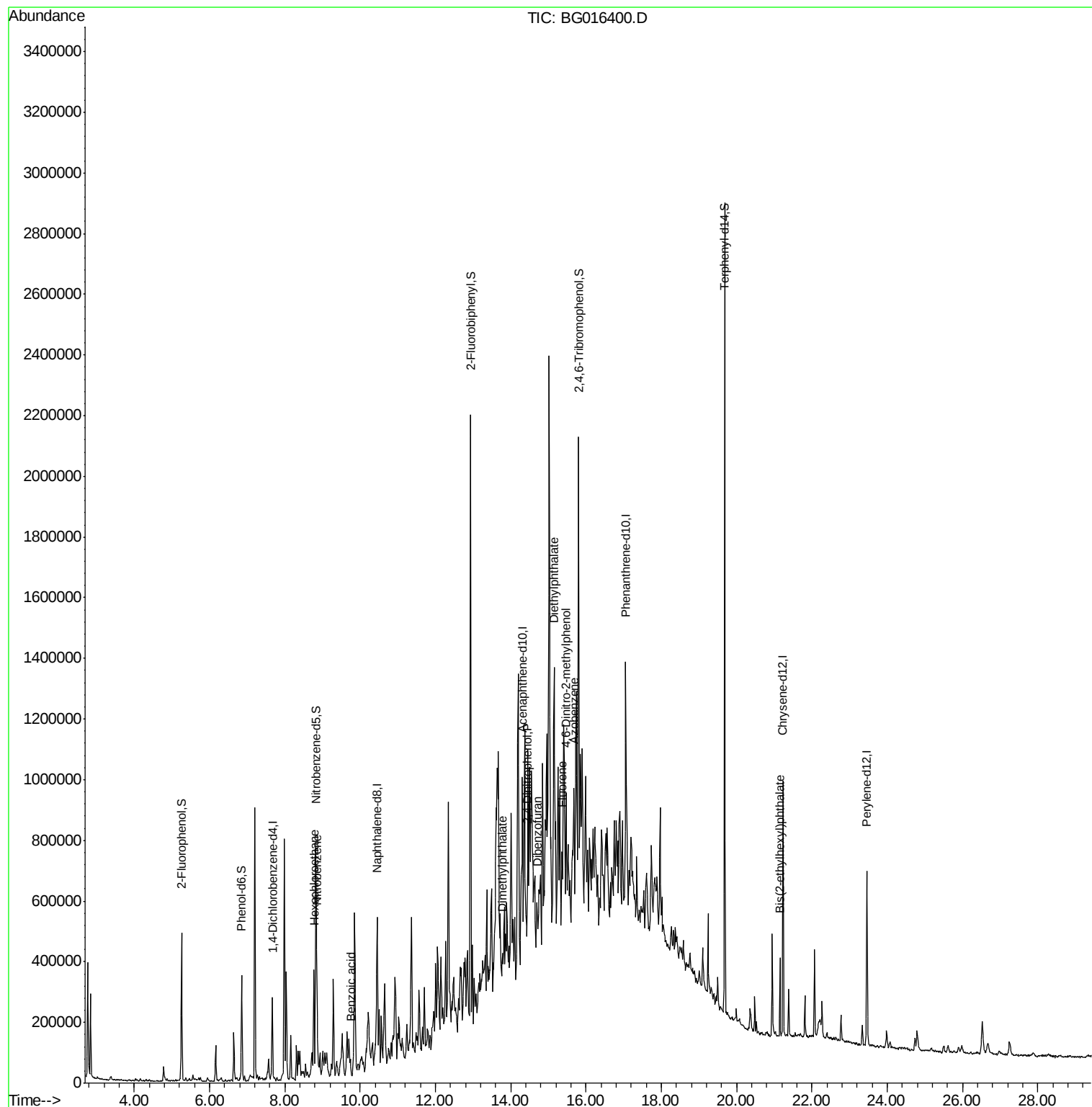
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	73001	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	338561	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	211170	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	410783	20.00	ng	0.00
75) Chrysene-d12	21.23	240	341159	20.00	ng	0.00
86) Perylene-d12	23.46	264	320266	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	226284	48.92	ng	0.00
7) Phenol-d6	6.85	99	224898	32.39	ng	0.00
23) Nitrobenzene-d5	8.83	82	408131	69.83	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	175552	122.92	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	946126	76.28	ng	0.00
78) Terphenyl-d14	19.68	244	960311	65.88	ng	0.00
Target Compounds						
18) Hexachloroethane	8.77	117	61282	27.53	ng	# 21
24) Nitrobenzene	8.85	77	12987	2.08	ng	# 5
32) Benzoic acid	9.76	122	846	8.93	ng	# 64
49) Dimethylphthalate	13.77	163	31090	2.01	ng	# 78
53) 2,4-Dinitrophenol	14.44	184	158	8.33	ng	# 1
54) Dibenzofuran	14.71	168	41433	2.28	ng	# 88
57) Fluorene	15.36	166	32963	2.05	ng	# 97
59) Diethylphthalate	15.14	149	67518	4.10	ng	# 71
62) Azobenzene	15.67	77	36399	2.08	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.47	198	597	4.08	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.15	149	93745	5.93	ng	99

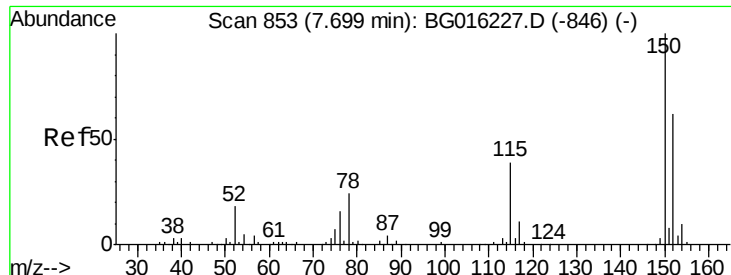
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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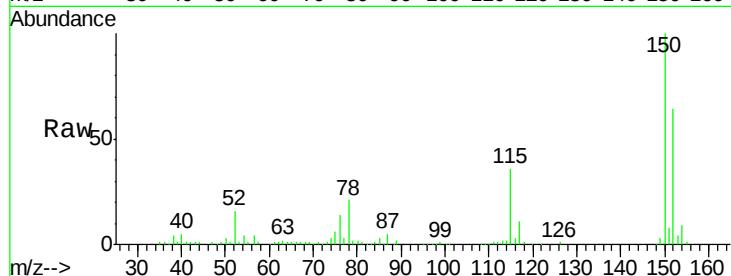


#1

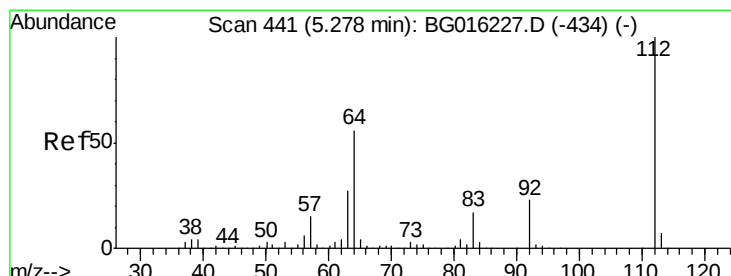
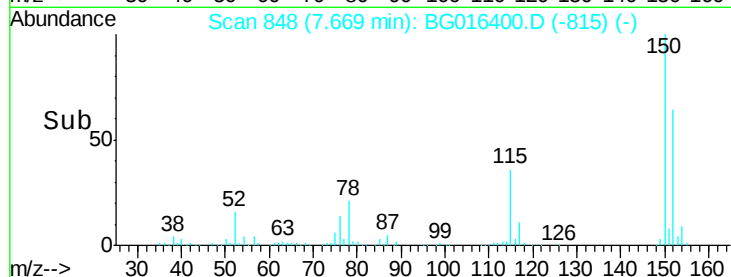
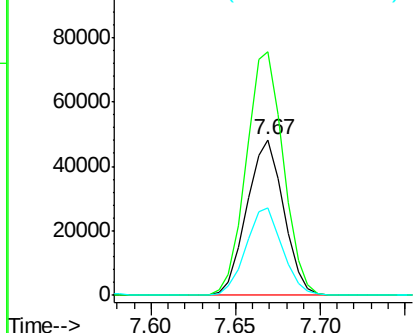
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.67 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG016400.D
Acq: 14 Apr 2015 17:19

Instrument :
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ClientSampleId :
MW-19

Tgt Ion:152 Resp: 73001
Ion Ratio Lower Upper
152 100
150 156.3 130.1 195.1
115 56.0 50.5 75.7



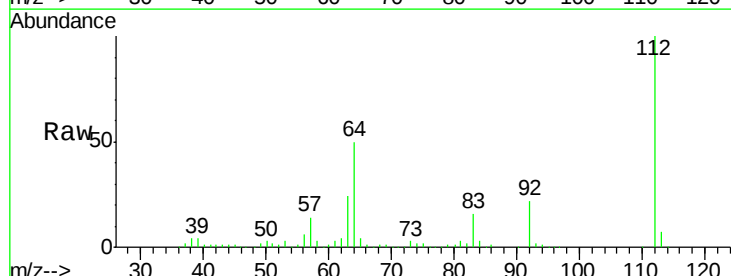
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



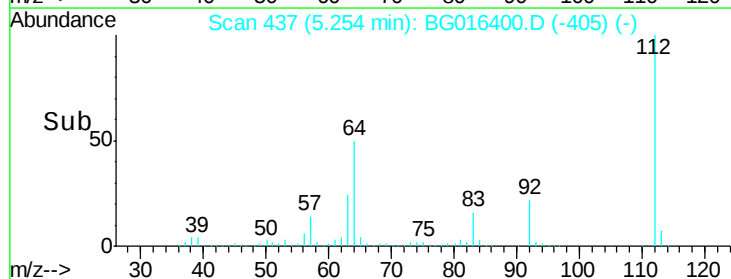
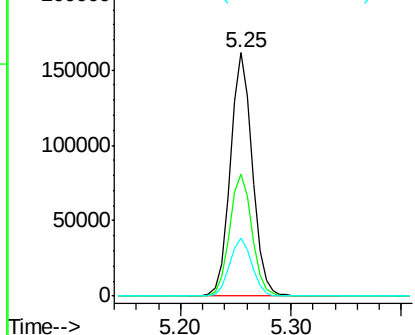
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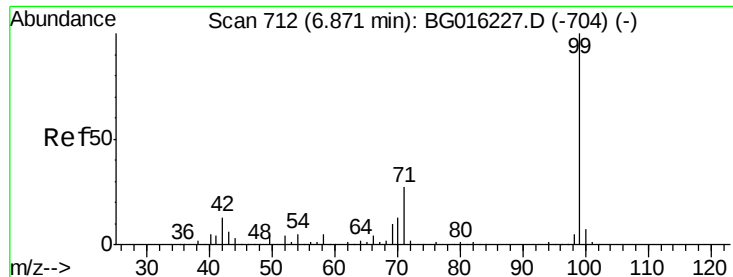
2-Fluorophenol
Concen: 48.92 ng
RT: 5.25 min Scan# 437
Delta R.T. -0.01 min
Lab File: BG016400.D
Acq: 14 Apr 2015 17:19

Tgt Ion:112 Resp: 226284
Ion Ratio Lower Upper
112 100
64 50.1 44.5 66.7
63 24.0 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: 32.39 ng

RT: 6.85 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG016400.D

Acq: 14 Apr 2015 17:19

Instrument :

BNA_G

ClientSampleId :

MW-19

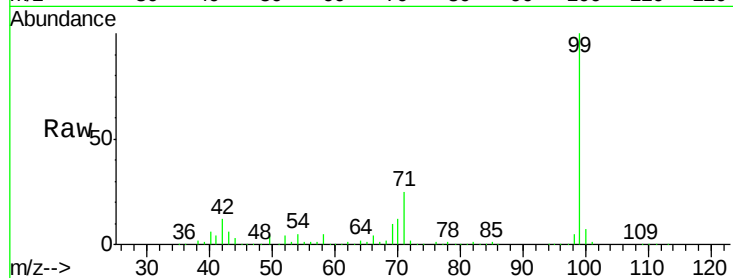
Tgt Ion: 99 Resp: 224898

Ion Ratio Lower Upper

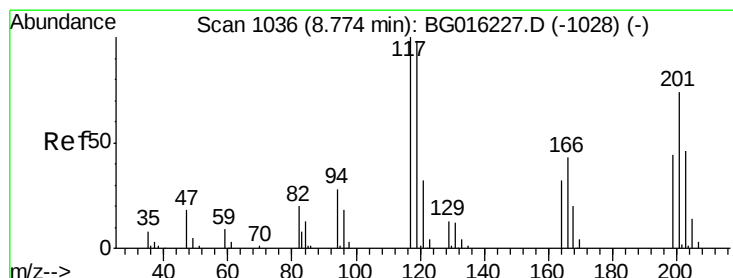
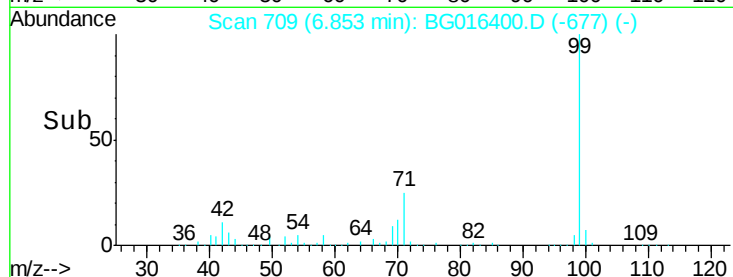
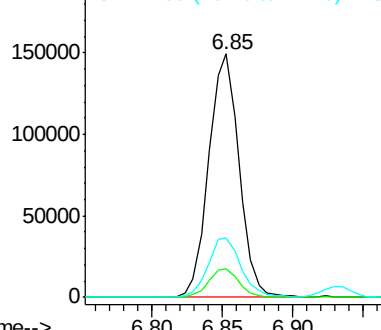
99 100

42 11.6 10.0 15.0

71 24.6 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: 27.53 ng

RT: 8.77 min Scan# 1036

Delta R.T. 0.03 min

Lab File: BG016400.D

Acq: 14 Apr 2015 17:19

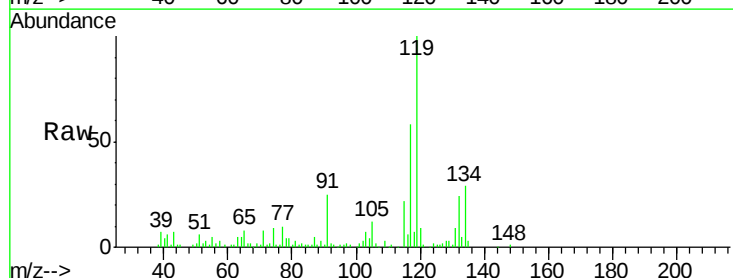
Tgt Ion: 117 Resp: 61282

Ion Ratio Lower Upper

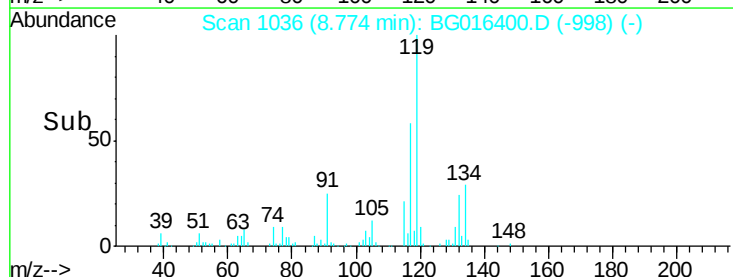
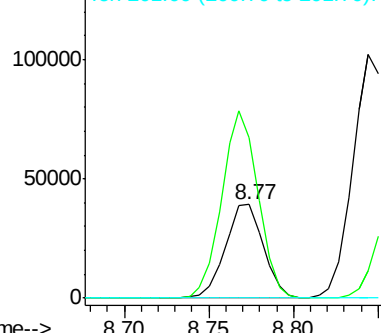
117 100

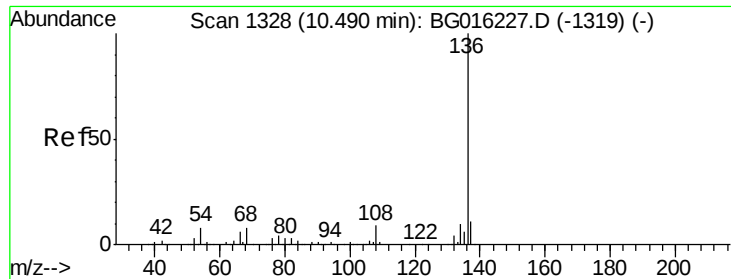
119 171.3 78.8 118.2#

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

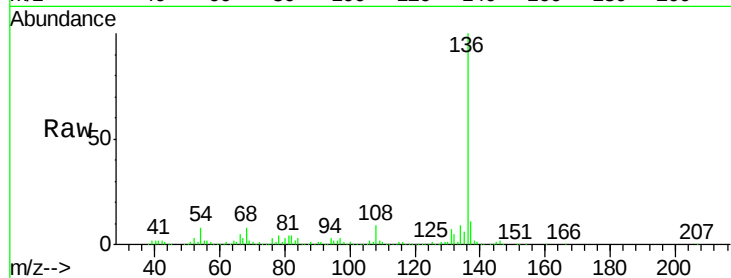




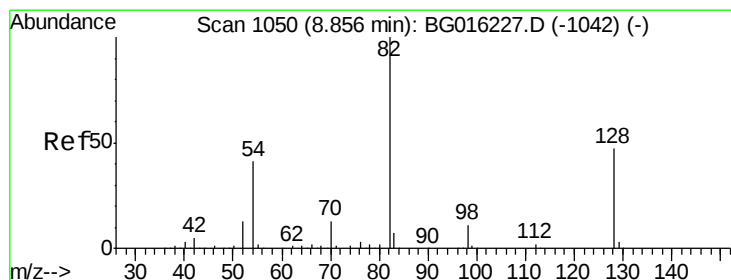
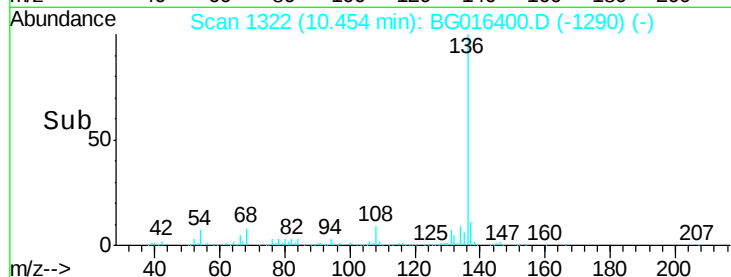
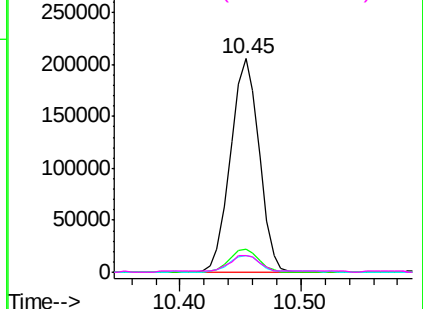
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.45 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG016400.D
Acq: 14 Apr 2015 17:19

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Tgt Ion:	136	Resp:	338561
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.7	6.3	9.5
68	8.1	6.5	9.7

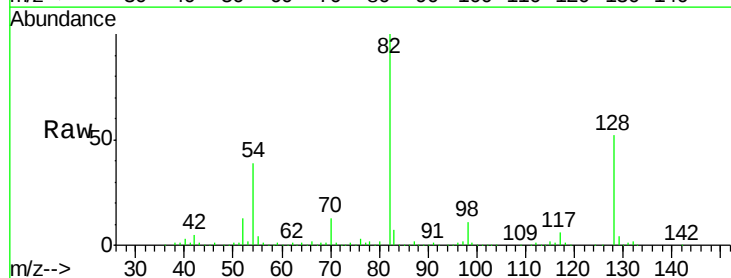


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

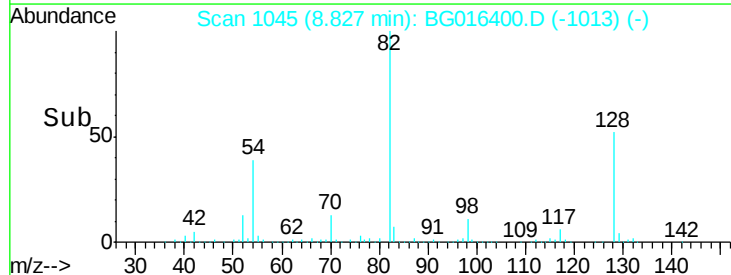
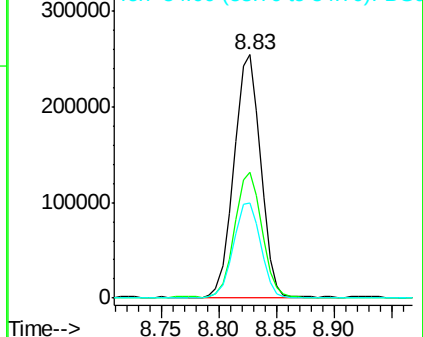


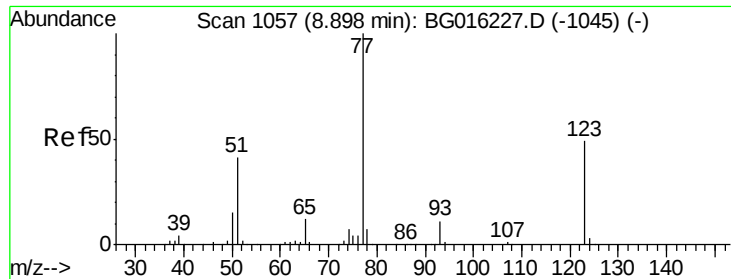
#23
Nitrobenzene-d5
Concen: 69.83 ng
RT: 8.83 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG016400.D
Acq: 14 Apr 2015 17:19

Tgt Ion:	82	Resp:	408131
Ion	Ratio	Lower	Upper
82	100		
128	51.9	37.8	56.8
54	39.0	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

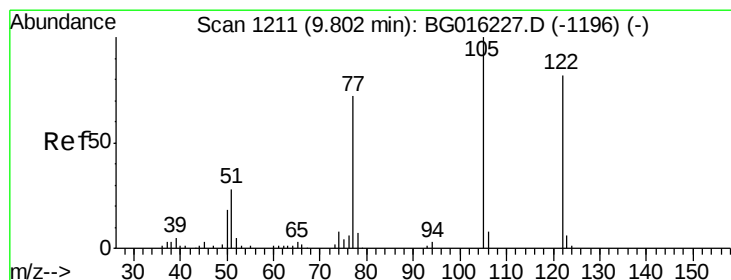
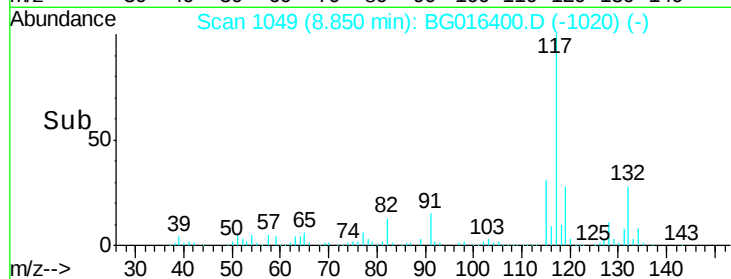
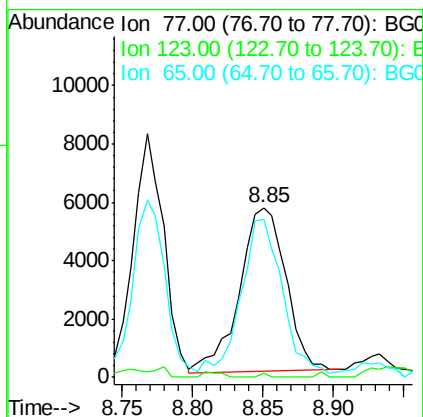
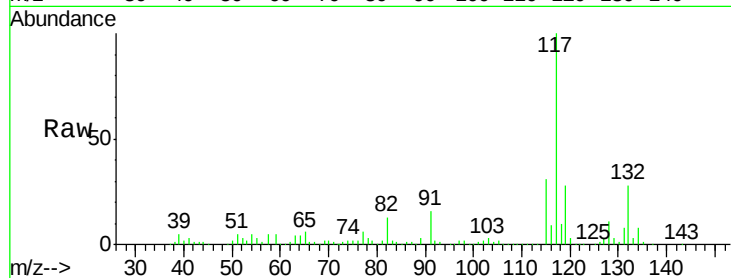




#24
 Nitrobenzene
 Concen: 2.08 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.03 min
 Lab File: BG016400.D
 Acq: 14 Apr 2015 17:19

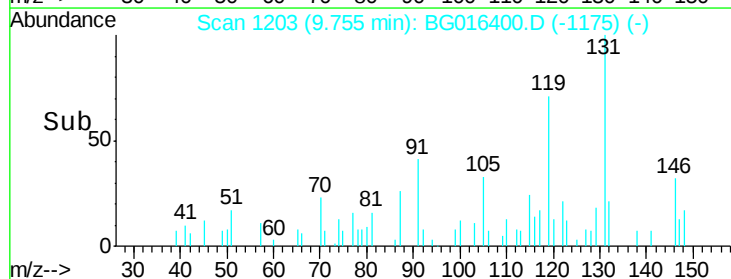
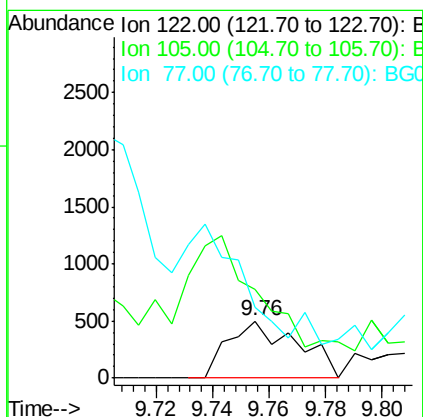
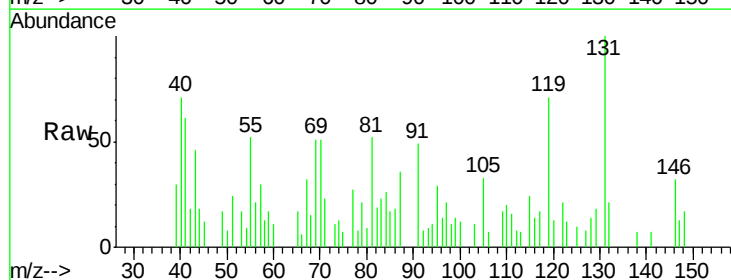
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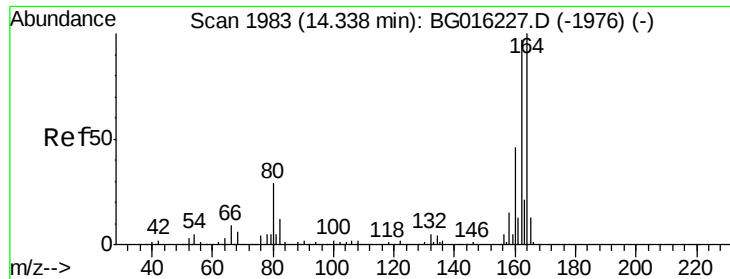
Tgt Ion: 77 Resp: 12987
 Ion Ratio Lower Upper
 77 100
 123 2.8 38.8 58.2#
 65 92.8 9.4 14.2#



#32
 Benzoic acid
 Concen: 8.93 ng
 RT: 9.76 min Scan# 1203
 Delta R.T. -0.03 min
 Lab File: BG016400.D
 Acq: 14 Apr 2015 17:19

Tgt Ion: 122 Resp: 846
 Ion Ratio Lower Upper
 122 100
 105 155.7 99.7 139.7#
 77 124.8 66.8 106.8#

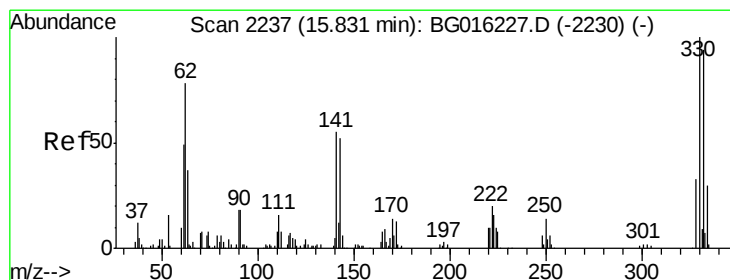
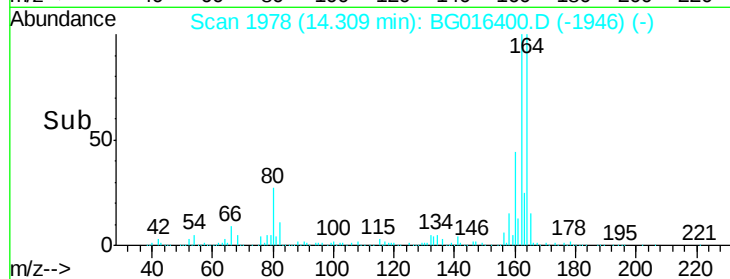
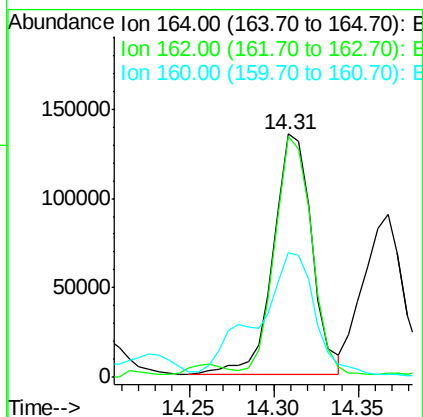
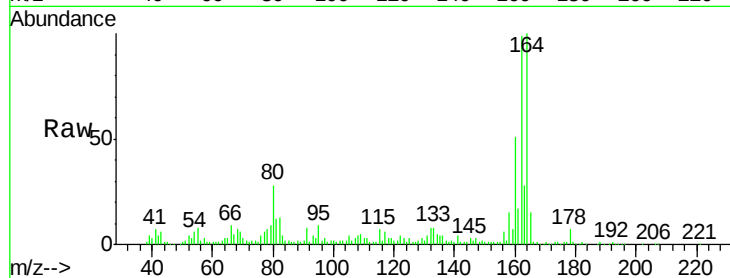




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG016400.D
 Acq: 14 Apr 2015 17:19

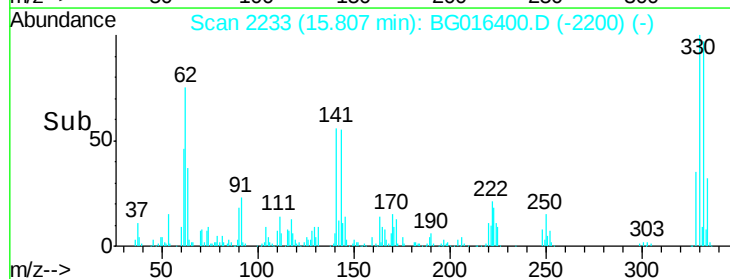
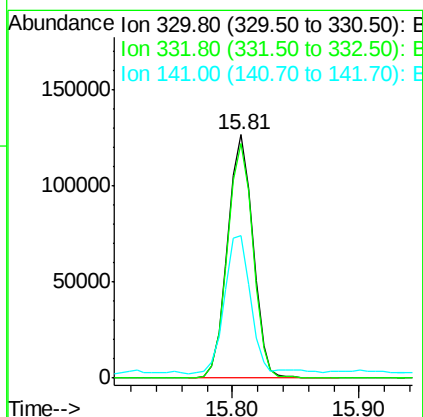
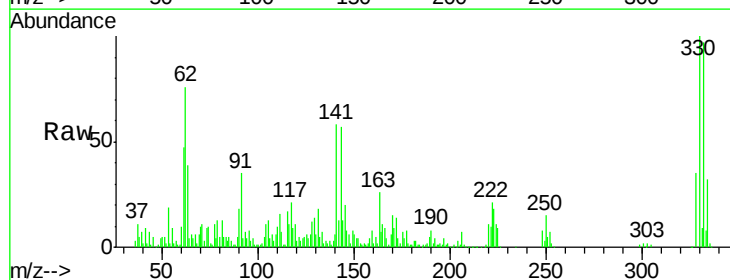
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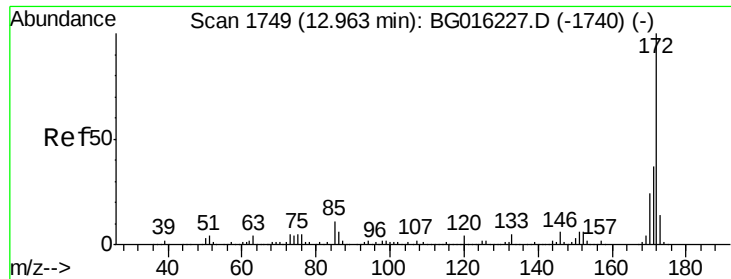
Tgt Ion:164 Resp: 211170
 Ion Ratio Lower Upper
 164 100
 162 98.8 77.3 115.9
 160 51.4 36.7 55.1



#41
 2,4,6-Tribromophenol
 Concen: 122.92 ng
 RT: 15.81 min Scan# 2233
 Delta R.T. -0.00 min
 Lab File: BG016400.D
 Acq: 14 Apr 2015 17:19

Tgt Ion:330 Resp: 175552
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.8 113.6
 141 57.3 46.6 69.8

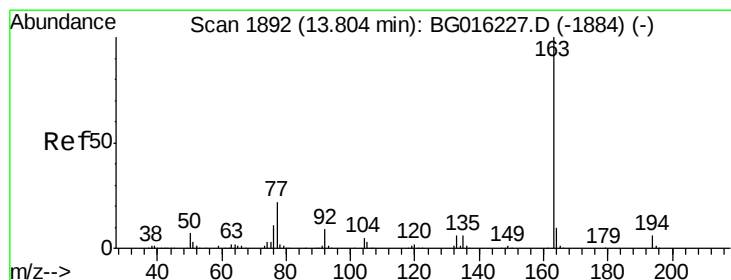
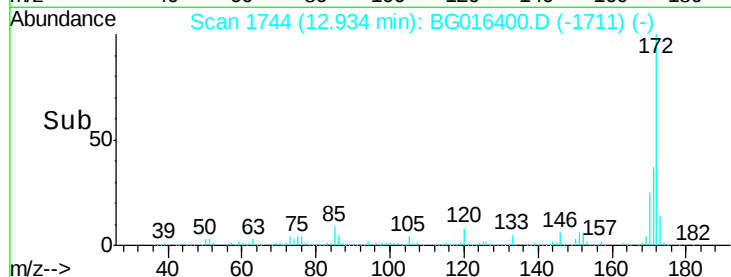
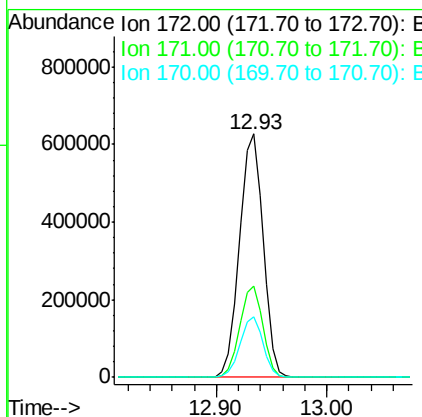
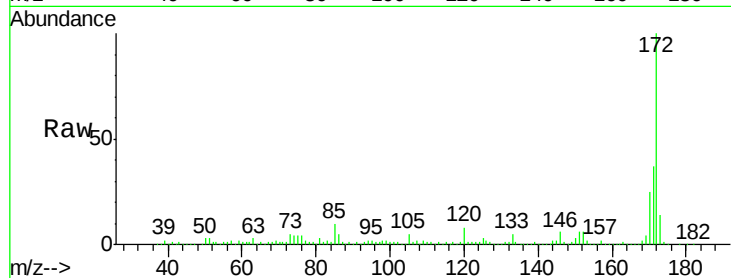




#44
 2-Fluorobiphenyl
 Concen: 76.28 ng
 RT: 12.93 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG016400.D
 Acq: 14 Apr 2015 17:19

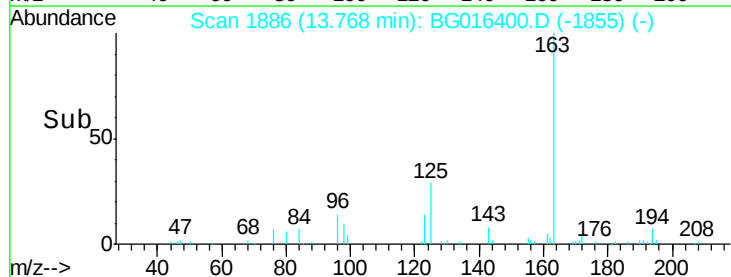
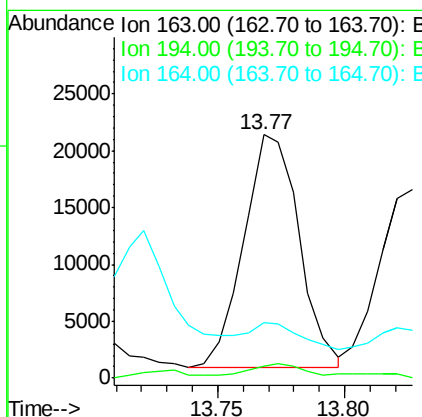
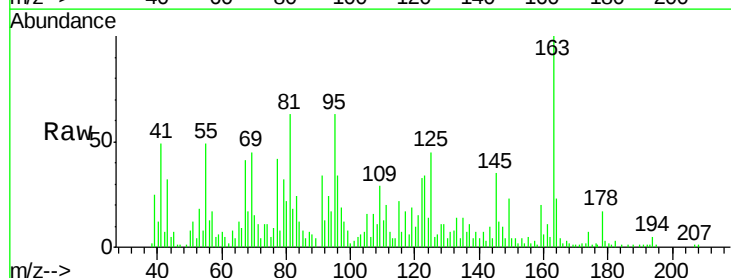
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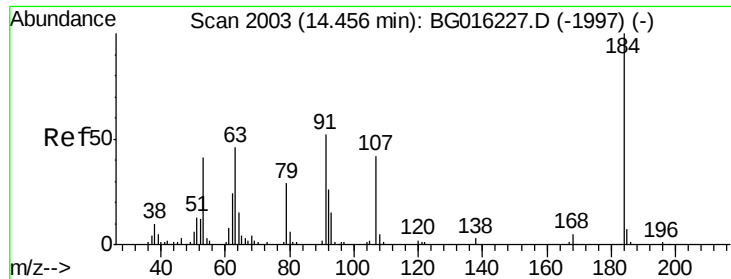
Tgt Ion:172 Resp: 946126
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.6 44.4
 170 24.7 19.4 29.2



#49
 Dimethylphthalate
 Concen: 2.01 ng
 RT: 13.77 min Scan# 1886
 Delta R.T. -0.02 min
 Lab File: BG016400.D
 Acq: 14 Apr 2015 17:19

Tgt Ion:163 Resp: 31090
 Ion Ratio Lower Upper
 163 100
 194 5.0 5.0 7.4
 164 22.9 8.2 12.4#

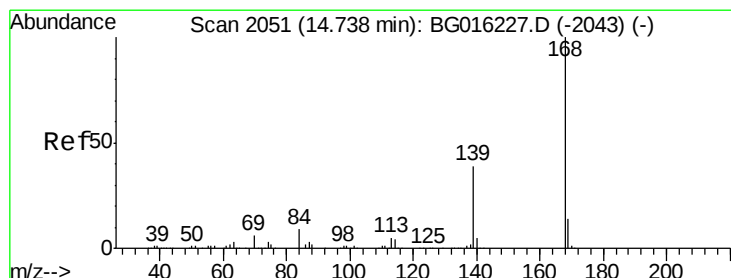
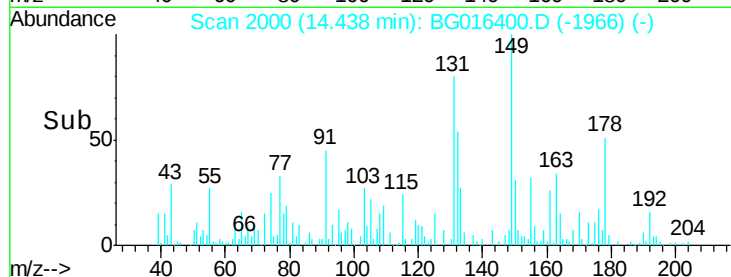
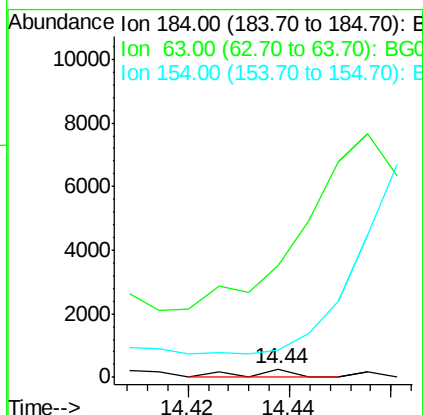
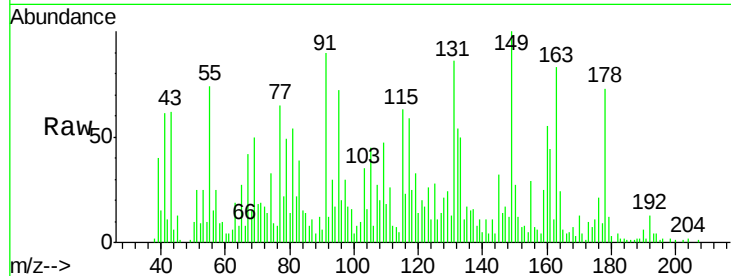




#53
2,4-Dinitrophenol
Concen: 8.33 ng
RT: 14.44 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG016400.D
Acq: 14 Apr 2015 17:19

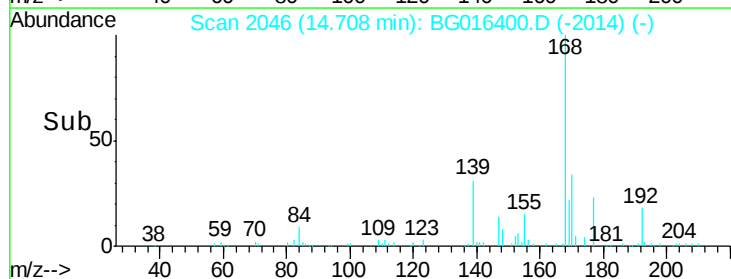
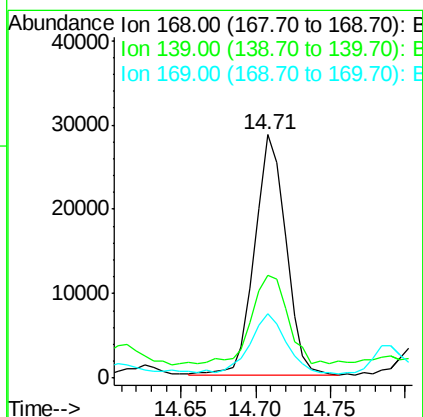
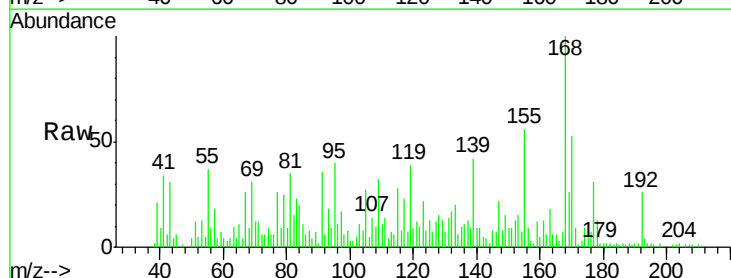
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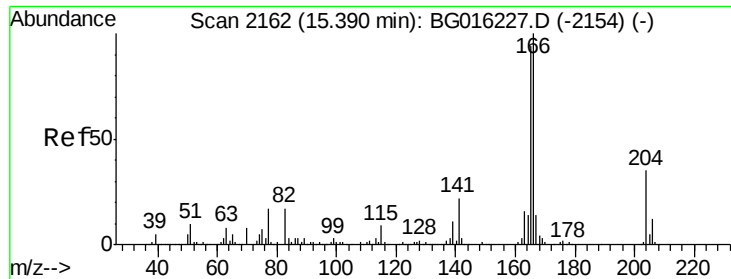
Tgt Ion:184 Resp: 158
Ion Ratio Lower Upper
184 100
63 1291.2 45.8 68.6#
154 317.2 34.5 51.7#



#54
Dibenzofuran
Concen: 2.28 ng
RT: 14.71 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BG016400.D
Acq: 14 Apr 2015 17:19

Tgt Ion:168 Resp: 41433
Ion Ratio Lower Upper
168 100
139 42.2 31.0 46.6
169 26.5 11.2 16.8#





#57

Fluorene

Concen: 2.05 ng

RT: 15.36 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BG016400.D

Acq: 14 Apr 2015 17:19

Instrument :

BNA_G

ClientSampleId :

MW-19

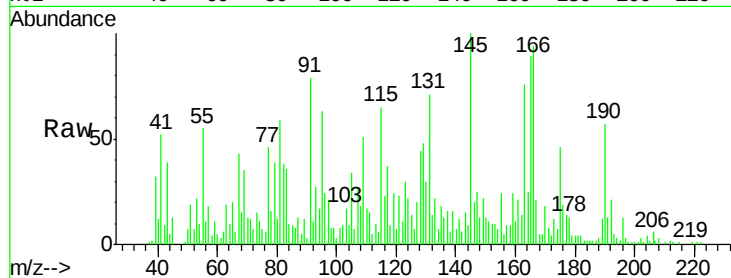
Tgt Ion:166 Resp: 32963

Ion Ratio Lower Upper

166 100

165 94.4 75.2 112.8

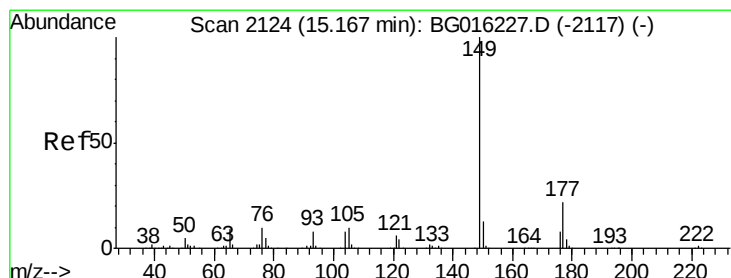
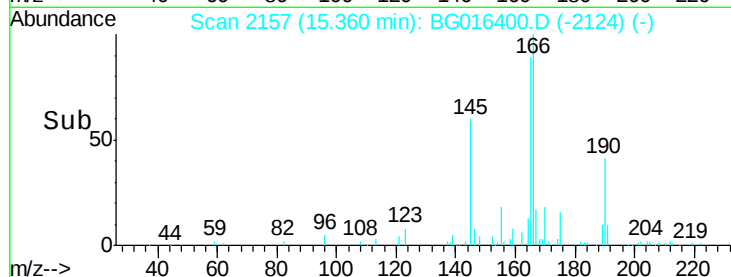
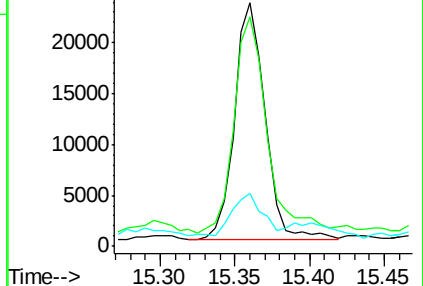
167 21.8 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 4.10 ng

RT: 15.14 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BG016400.D

Acq: 14 Apr 2015 17:19

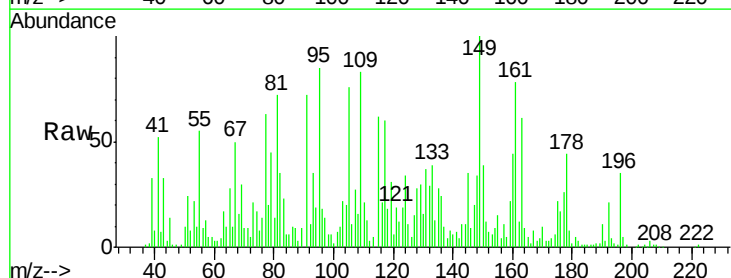
Tgt Ion:149 Resp: 67518

Ion Ratio Lower Upper

149 100

177 25.8 17.7 26.5

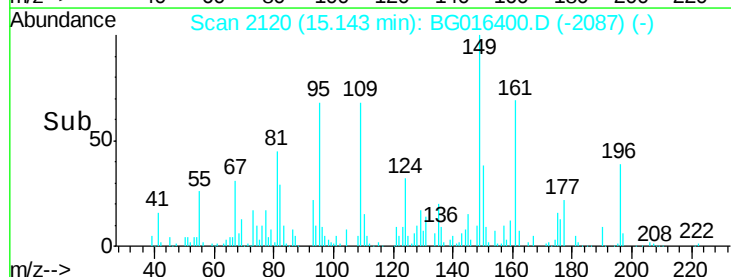
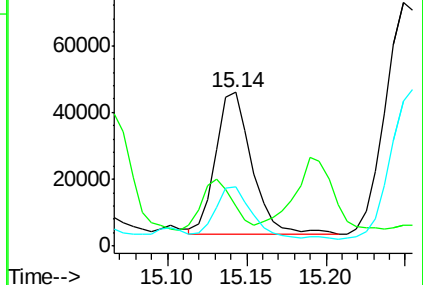
150 38.9 10.0 15.0#

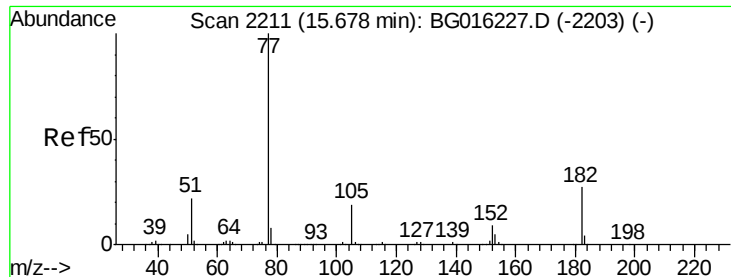


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 2.08 ng

RT: 15.67 min Scan# 2210

Delta R.T. 0.02 min

Lab File: BG016400.D

Acq: 14 Apr 2015 17:19

Instrument :

BNA_G

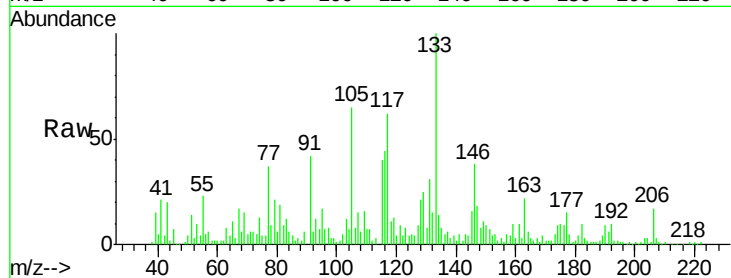
ClientSampleId :

MW-19

Tgt Ion: 77 Resp: 36399

Ion Ratio Lower Upper

77	100		
182	27.0	6.6	46.6
105	175.0	0.0	39.2#
51	38.9	2.0	42.0

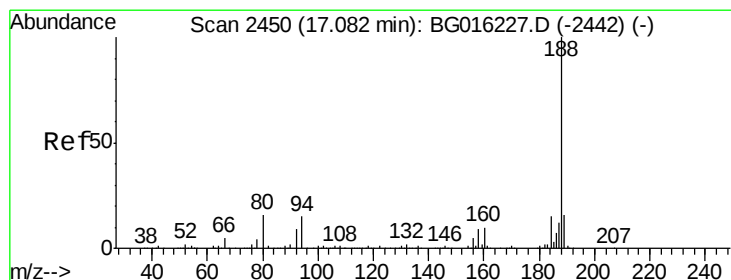
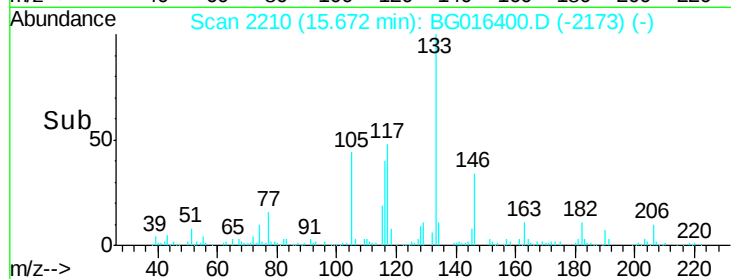
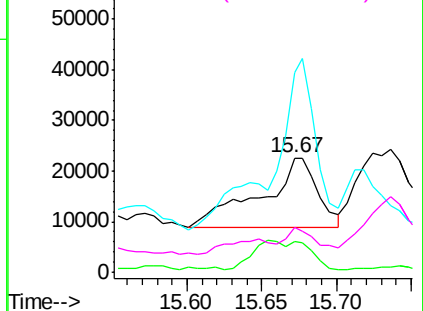


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.05 min Scan# 2445

Delta R.T. -0.01 min

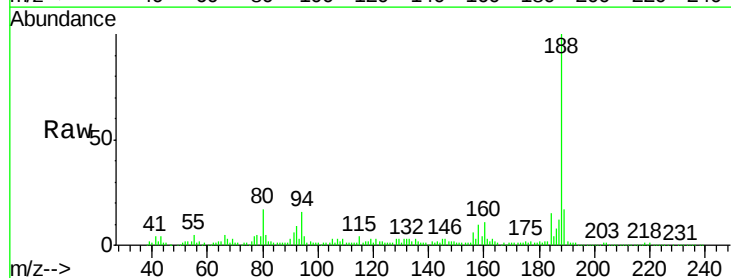
Lab File: BG016400.D

Acq: 14 Apr 2015 17:19

Tgt Ion: 188 Resp: 410783

Ion Ratio Lower Upper

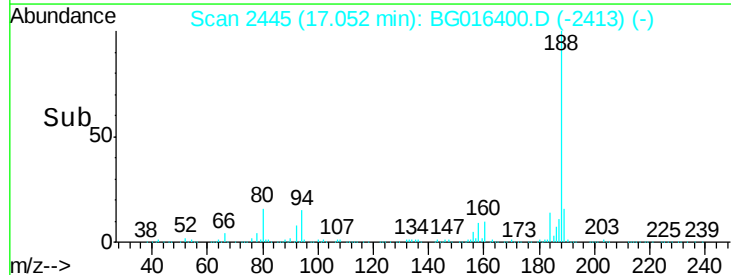
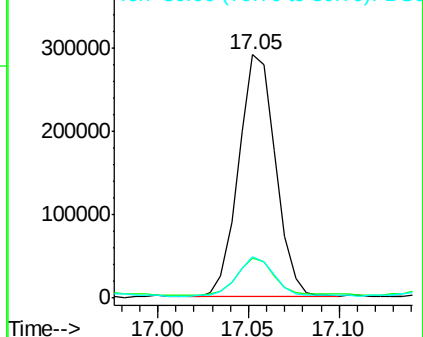
188	100		
94	16.2	12.2	18.4
80	16.9	12.8	19.2

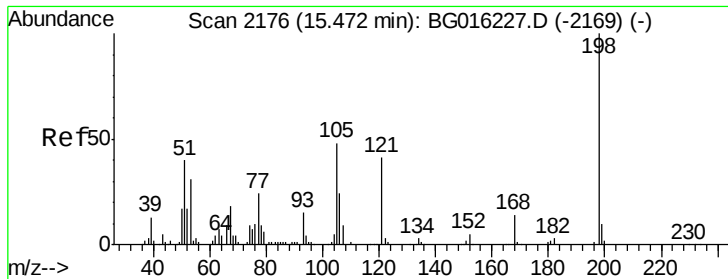


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 4.08 ng

RT: 15.47 min Scan# 2175

Delta R.T. 0.01 min

Lab File: BG016400.D

Acq: 14 Apr 2015 17:19

Instrument :

BNA_G

ClientSampleId :

MW-19

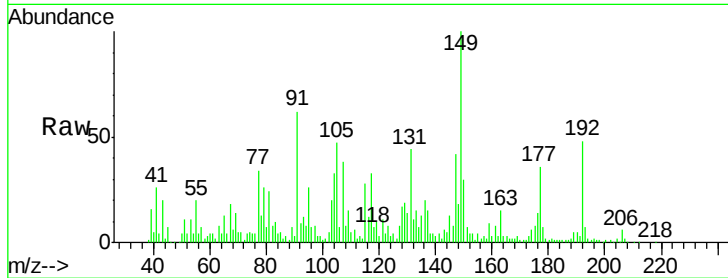
Tgt Ion:198 Resp: 597

Ion Ratio Lower Upper

198 100

51 1017.4 20.7 60.7#

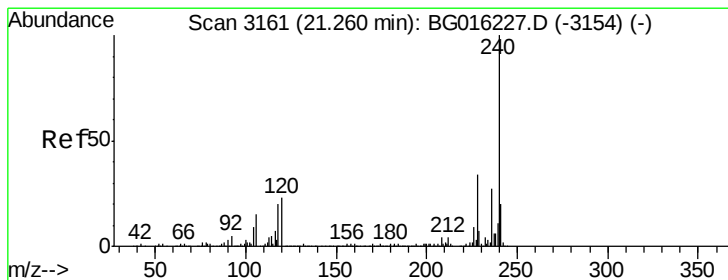
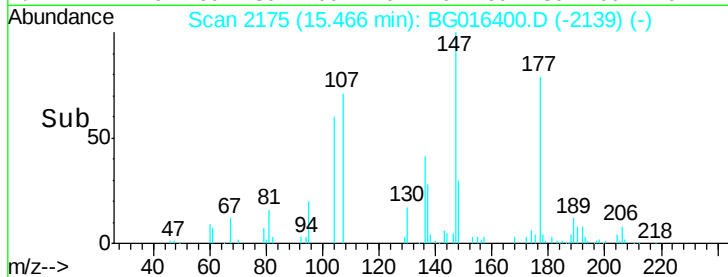
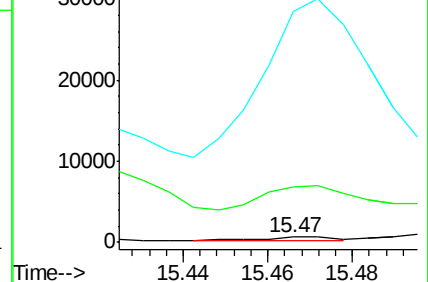
105 4263.9 28.8 68.8#



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: 21.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG016400.D

Acq: 14 Apr 2015 17:19

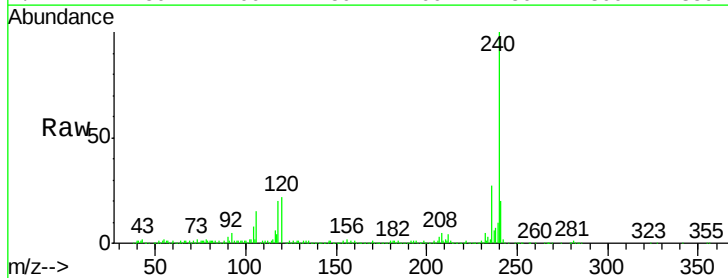
Tgt Ion:240 Resp: 341159

Ion Ratio Lower Upper

240 100

120 22.3 18.6 28.0

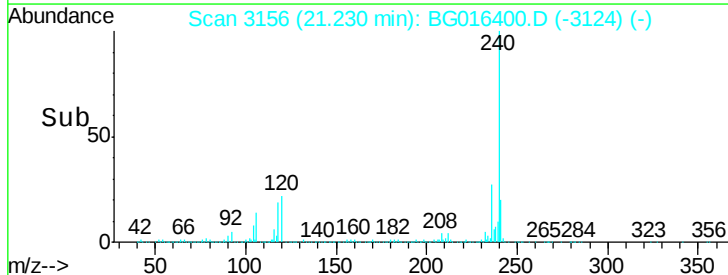
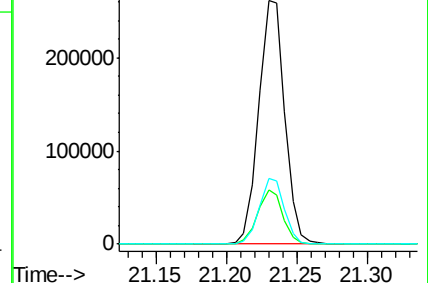
236 26.9 21.7 32.5

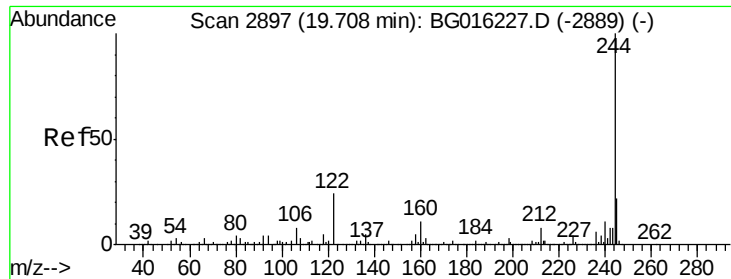


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.88 ng

RT: 19.68 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG016400.D

Acq: 14 Apr 2015 17:19

Instrument :

BNA_G

ClientSampleId :

MW-19

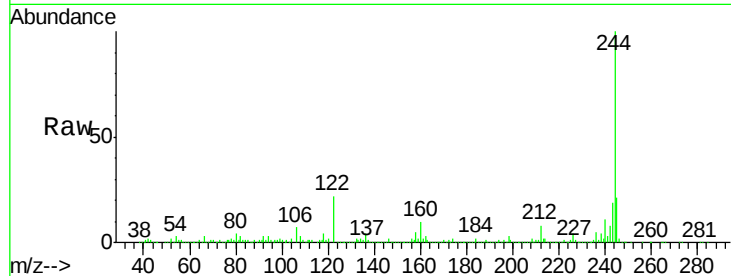
Tgt Ion:244 Resp: 960311

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

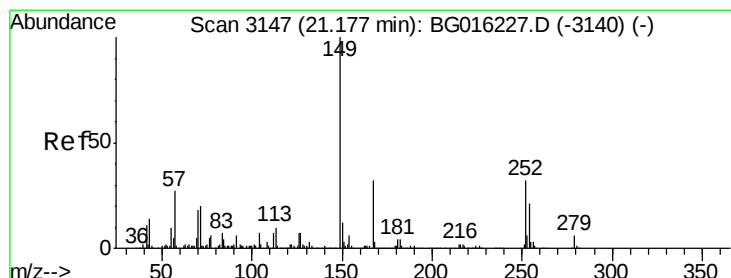
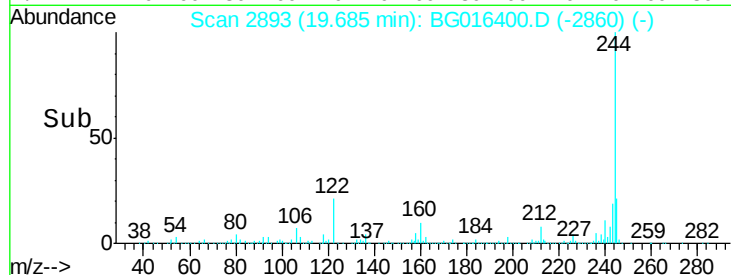
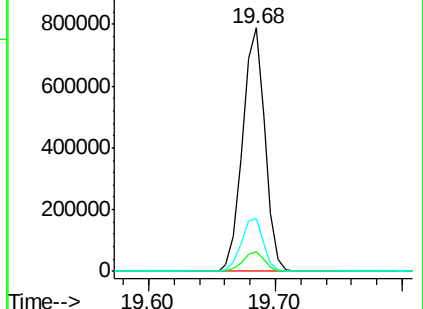
122 21.6 19.1 28.7



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.93 ng

RT: 21.15 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG016400.D

Acq: 14 Apr 2015 17:19

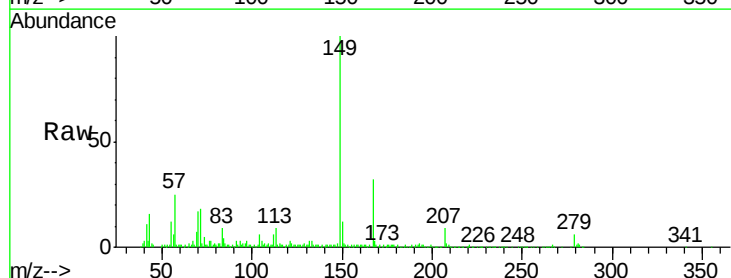
Tgt Ion:149 Resp: 93745

Ion Ratio Lower Upper

149 100

167 31.6 25.8 38.6

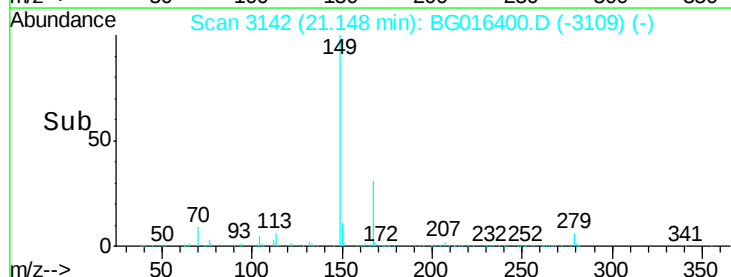
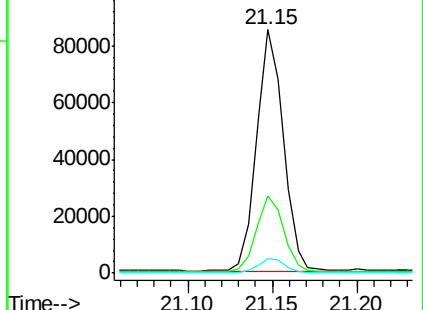
279 6.1 4.7 7.1

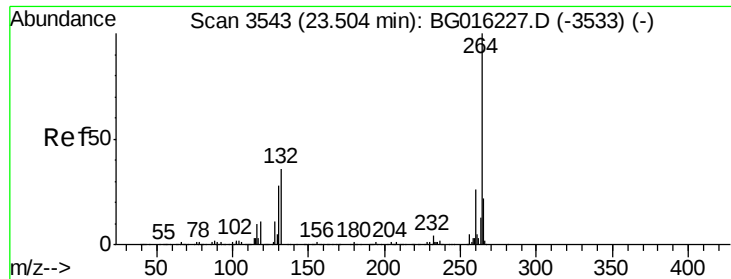


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

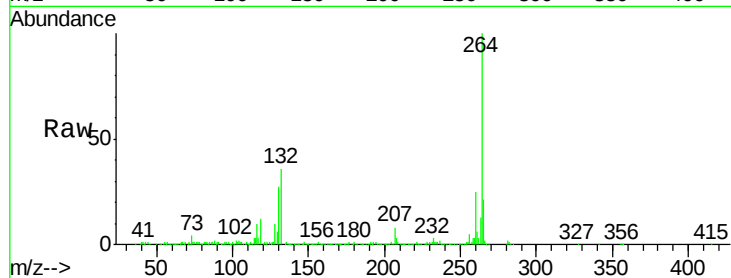




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.46 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BG016400.D
Acq: 14 Apr 2015 17:19

Instrument :
BNA_G
ClientSampleId :
MW-19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.4	30.6
265	21.4	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

