

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017680.D
 Acq On : 13 Jun 2015 18:50
 Operator : TP/IZ
 Sample : G2607-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SK-NYW-01(MTA)

Quant Time: Jun 15 05:42:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 13 02:22:44 2015
 Response via : Initial Calibration

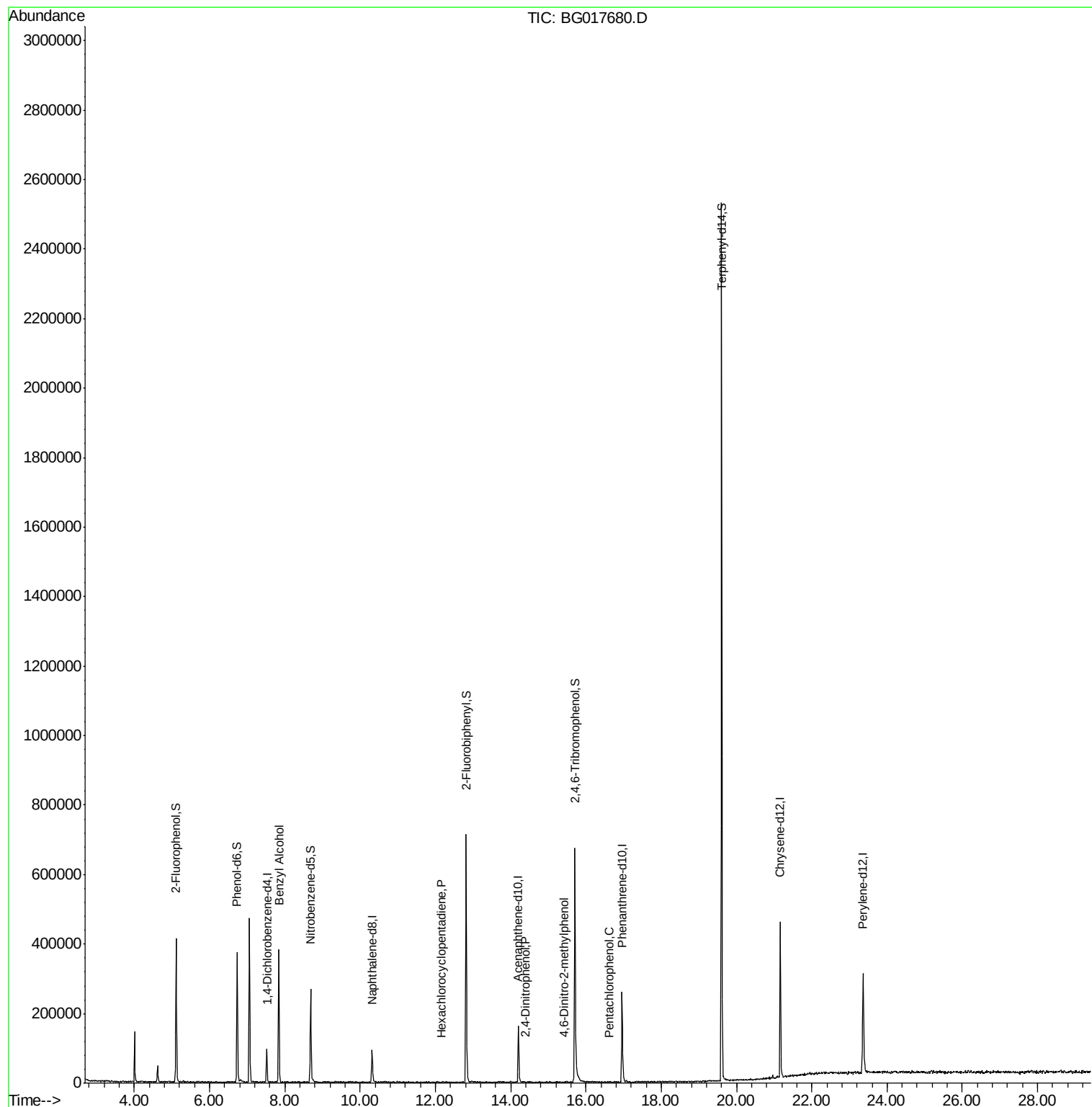
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	18623	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	65957	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	52161	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	161261	20.00	ng	0.00
75) Chrysene-d12	21.16	240	240376	20.00	ng	0.00
86) Perylene-d12	23.37	264	220233	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	131432	136.68	ng	0.00
7) Phenol-d6	6.73	99	163367	115.95	ng	0.00
23) Nitrobenzene-d5	8.69	82	139603	88.85	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	121737	135.21	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	330870	87.73	ng	0.00
78) Terphenyl-d14	19.61	244	993799	86.25	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.84	79	3134	2.02	ng	# 25
40) Hexachlorocyclopentadiene	12.17	237	60	5.06	ng	# 25
53) 2,4-Dinitrophenol	14.39	184	59	5.95	ng	# 13
64) 4,6-Dinitro-2-methylphenol	15.43	198	67	5.30	ng	# 39
69) Pentachlorophenol	16.61	266	150	6.31	ng	# 17

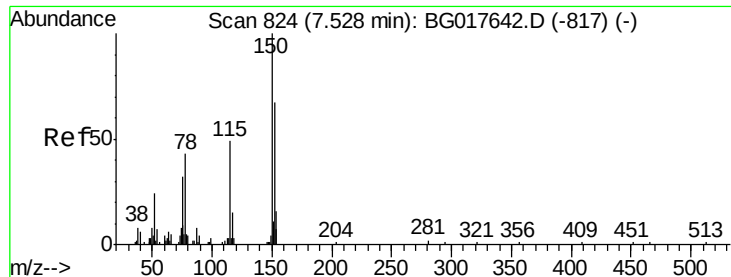
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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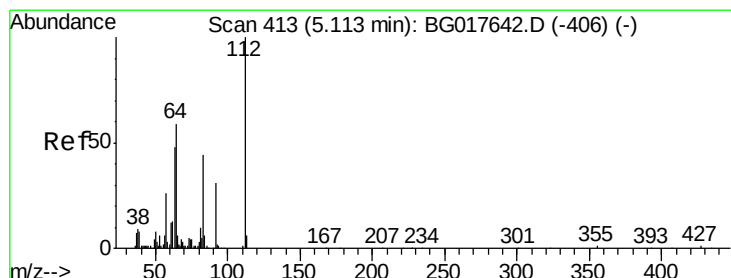
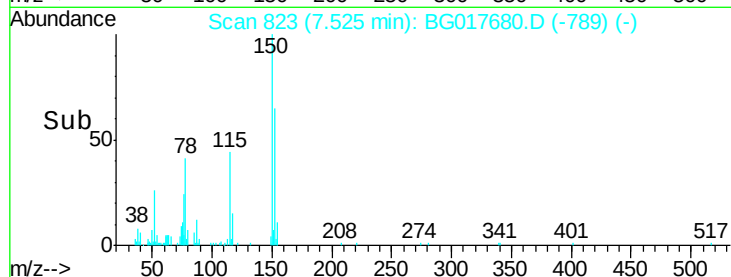
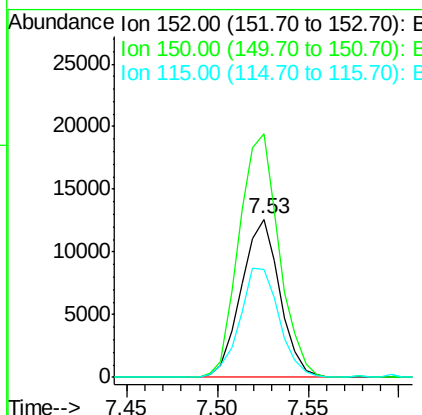
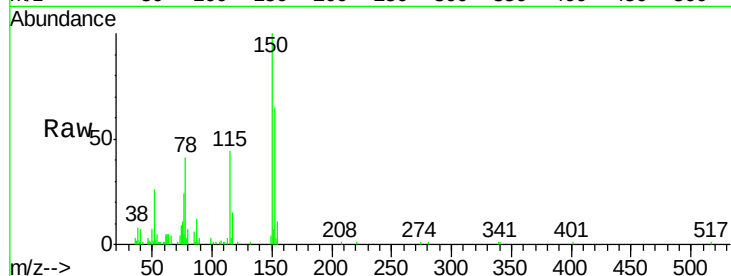


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.53 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG017680.D
 Acq: 13 Jun 2015 18:50

Instrument :
 BNA_G
 ClientSampleId :
 SK-NYW-01(MTA)

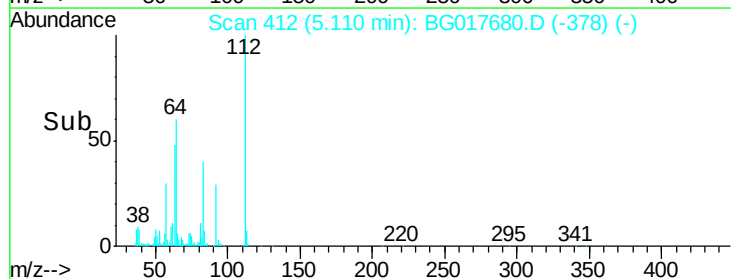
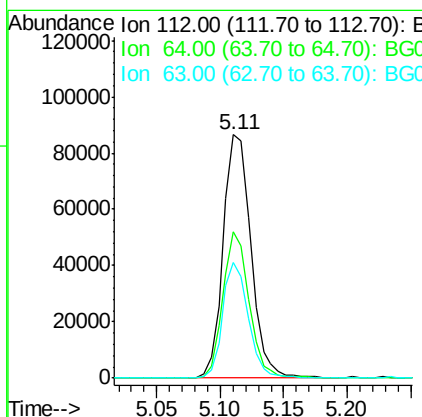
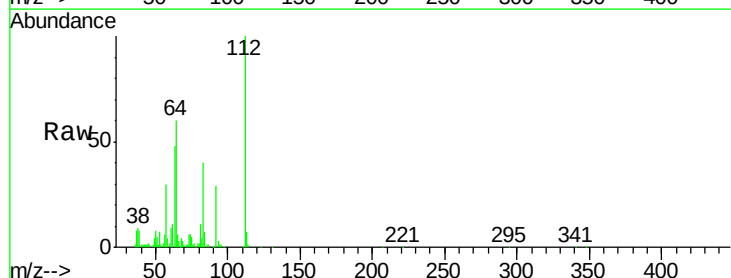
Tgt Ion:152 Resp: 18623
 Ion Ratio Lower Upper
 152 100
 150 153.7 119.4 179.0
 115 68.0 58.2 87.2

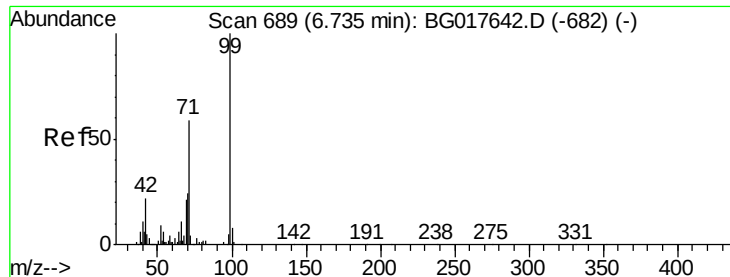


#5

2-Fluorophenol
 Concen: 136.68 ng
 RT: 5.11 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BG017680.D
 Acq: 13 Jun 2015 18:50

Tgt Ion:112 Resp: 131432
 Ion Ratio Lower Upper
 112 100
 64 59.9 47.0 70.6
 63 47.5 38.6 58.0





#7

Phenol-d6

Concen: 115.95 ng

RT: 6.73 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG017680.D

Acq: 13 Jun 2015 18:50

Instrument :

BNA_G

ClientSampleId :

SK-NYW-01(MTA)

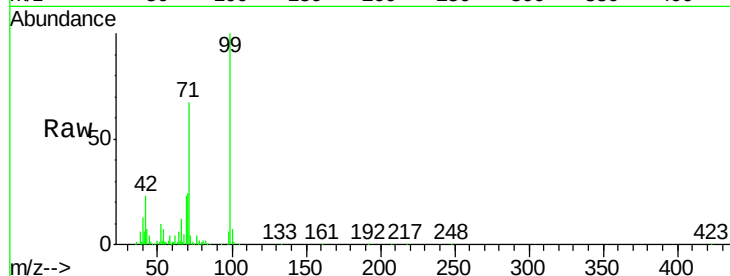
Tgt Ion: 99 Resp: 163367

Ion Ratio Lower Upper

99 100

42 23.2 17.4 26.2

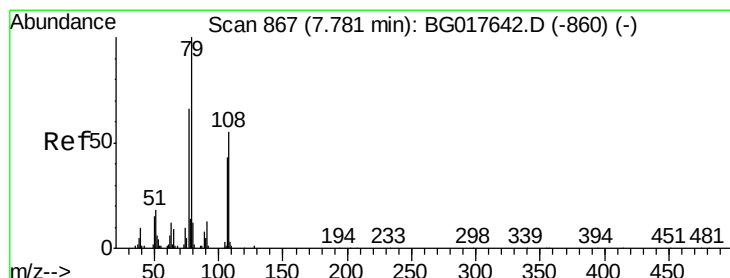
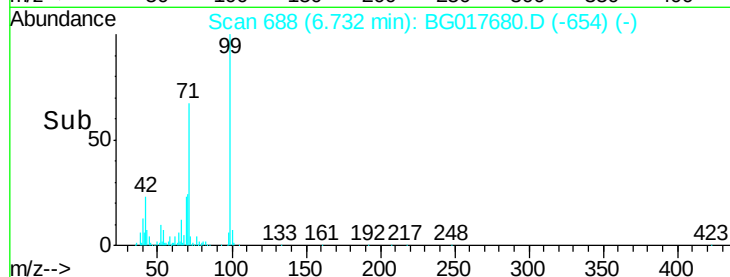
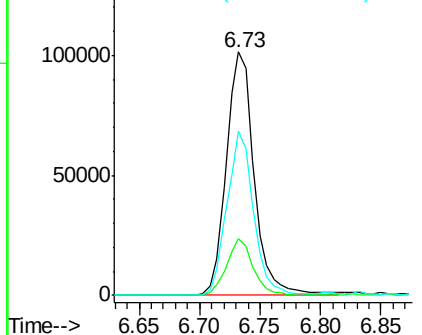
71 67.3 47.4 71.0



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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 7.84 min Scan# 876

Delta R.T. 0.06 min

Lab File: BG017680.D

Acq: 13 Jun 2015 18:50

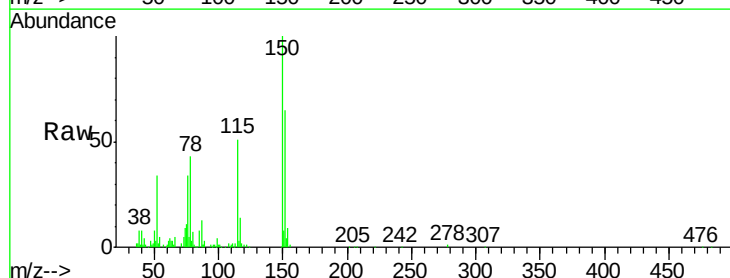
Tgt Ion: 79 Resp: 3134

Ion Ratio Lower Upper

79 100

108 68.3 44.6 67.0#

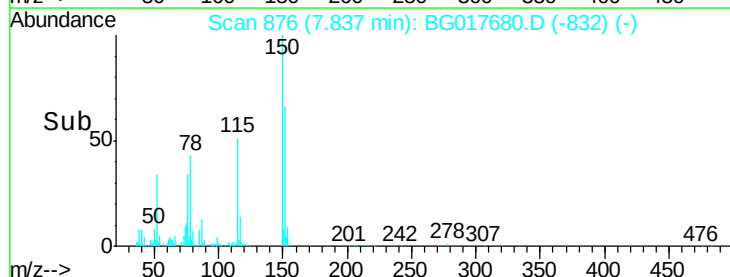
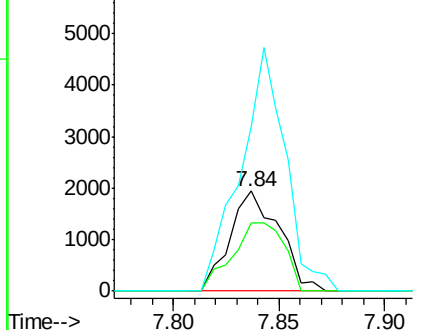
77 164.8 53.1 79.7#

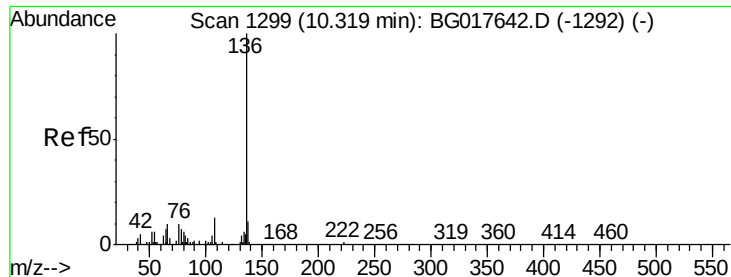


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

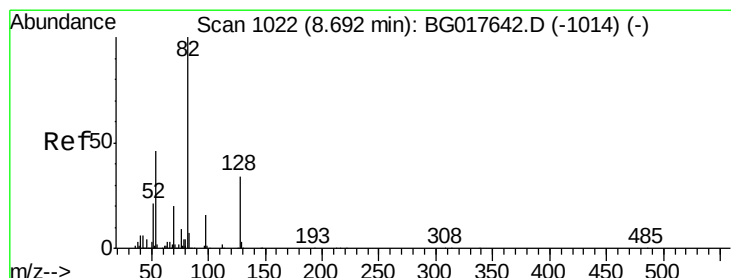
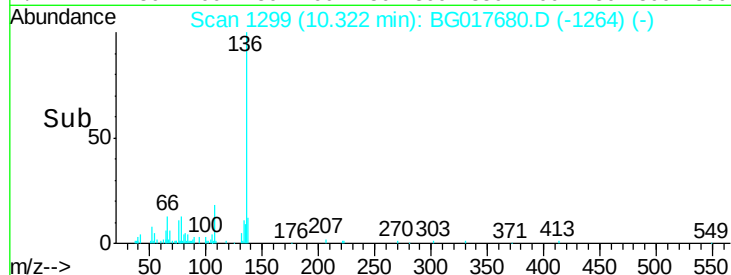
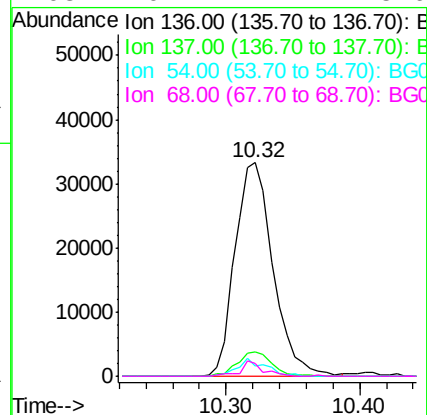
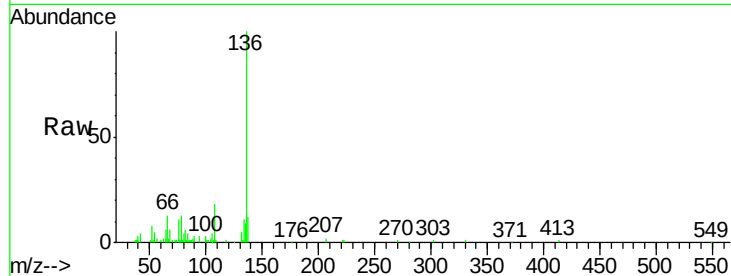




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG017680.D
Acq: 13 Jun 2015 18:50

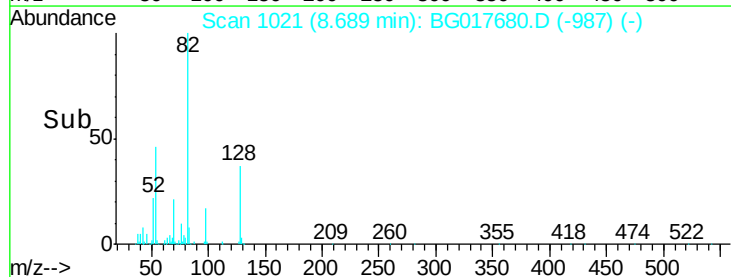
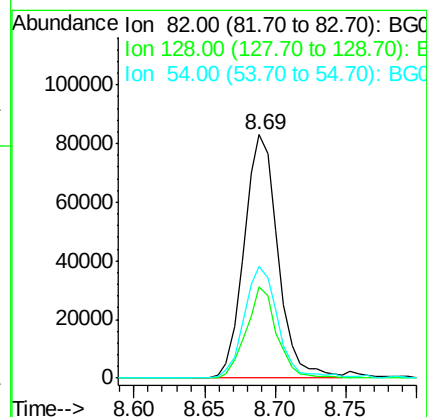
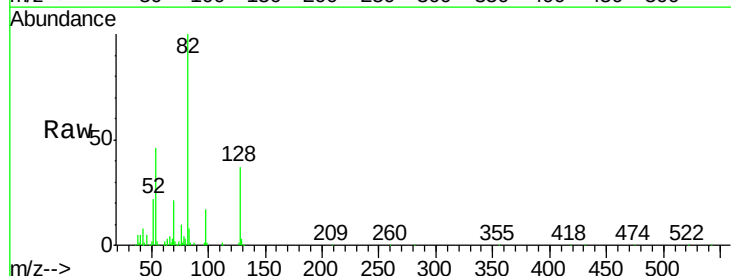
Instrument :
BNA_G
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SK-NYW-01(MTA)

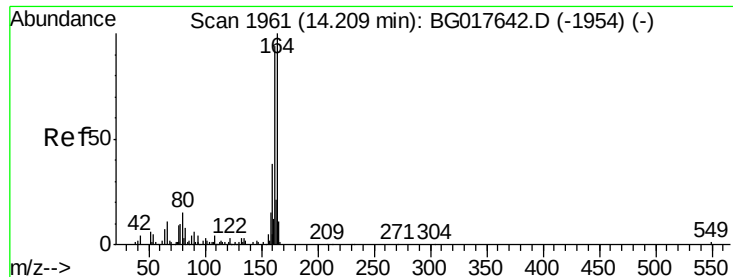
Tgt Ion: 136 Resp: 65957
Ion Ratio Lower Upper
136 100
137 11.6 8.7 13.1
54 4.7 4.7 7.1#
68 6.2 2.4 3.6#



#23
Nitrobenzene-d5
Concen: 88.85 ng
RT: 8.69 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG017680.D
Acq: 13 Jun 2015 18:50

Tgt Ion: 82 Resp: 139603
Ion Ratio Lower Upper
82 100
128 37.4 27.3 40.9
54 46.0 37.0 55.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.21 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG017680.D

Acq: 13 Jun 2015 18:50

Instrument :

BNA_G

ClientSampleId :

SK-NYW-01(MTA)

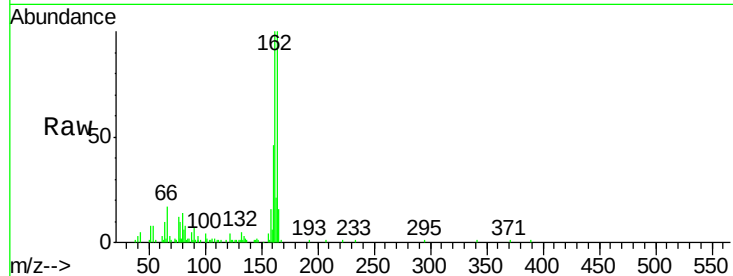
Tgt Ion:164 Resp: 52161

Ion Ratio Lower Upper

164 100

162 99.7 75.0 112.4

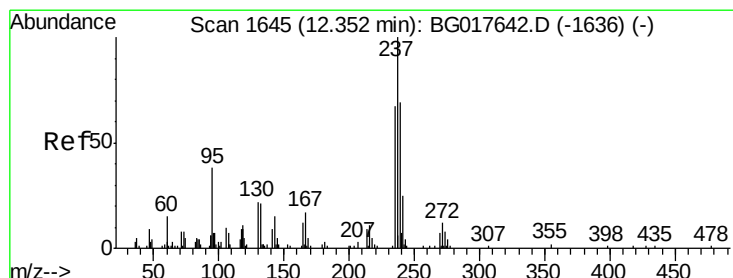
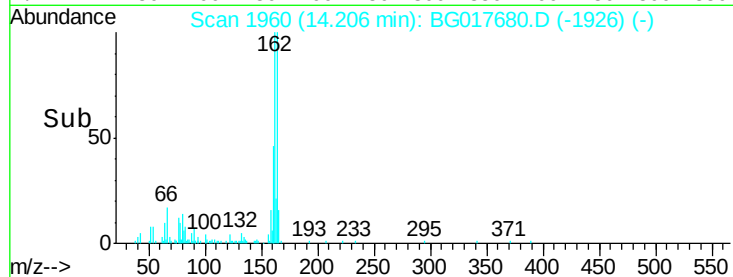
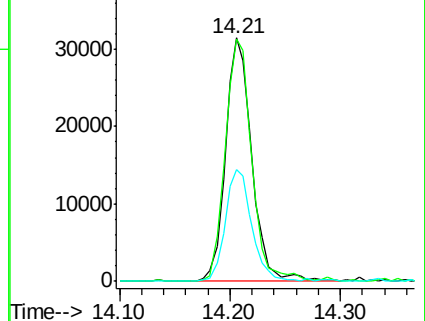
160 46.1 30.3 45.5#



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



#40

Hexachlorocyclopentadiene

Concen: 5.06 ng

RT: 12.17 min Scan# 1613

Delta R.T. -0.19 min

Lab File: BG017680.D

Acq: 13 Jun 2015 18:50

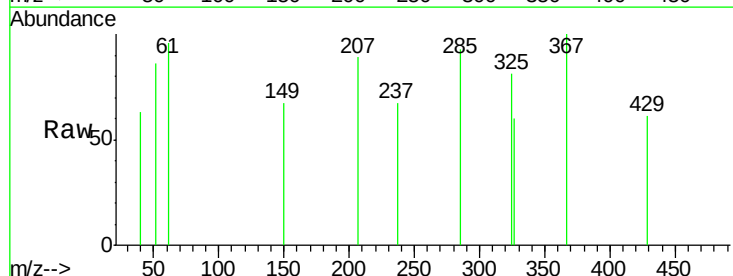
Tgt Ion:237 Resp: 60

Ion Ratio Lower Upper

237 100

235 0.0 46.6 86.6#

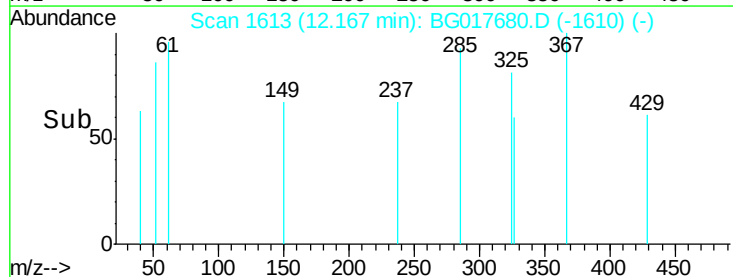
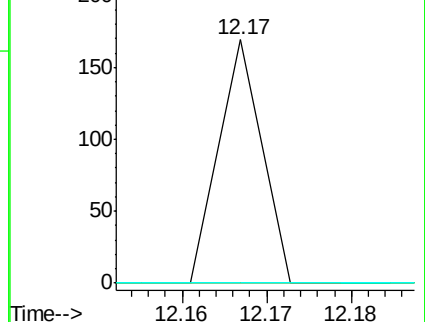
272 0.0 0.0 32.3

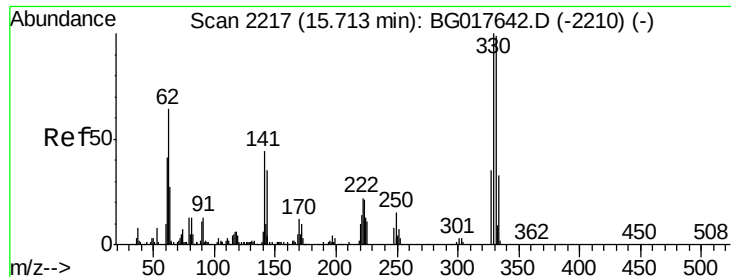


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

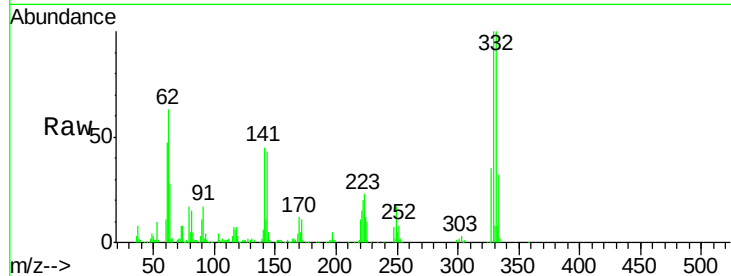




#41
 2,4,6-Tribromophenol
 Concen: 135.21 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG017680.D
 Acq: 13 Jun 2015 18:50

Instrument :
 BNA_G
 ClientSampleId :
 SK-NYW-01(MTA)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.8	76.6	114.8
141	46.5	34.6	51.8

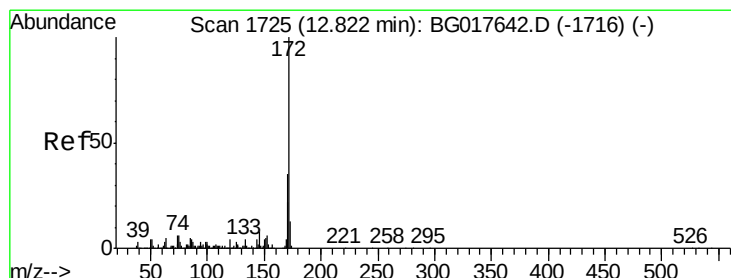
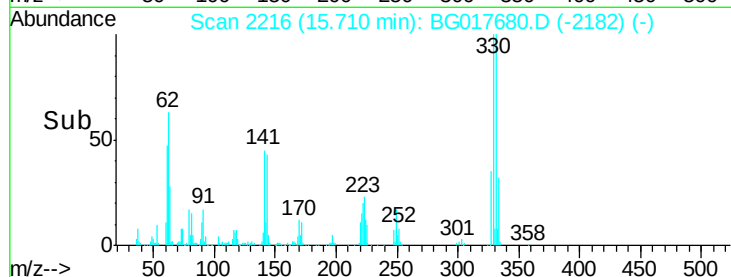
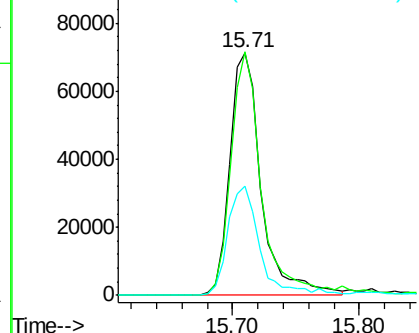


Abundance

Ion 329.80 (329.50 to 330.50): E

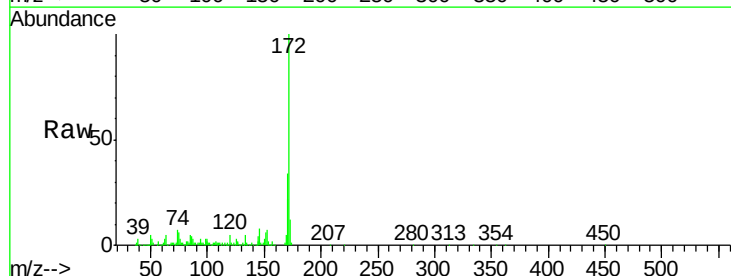
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.73 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG017680.D
 Acq: 13 Jun 2015 18:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.2	42.2
170	22.0	17.4	26.2

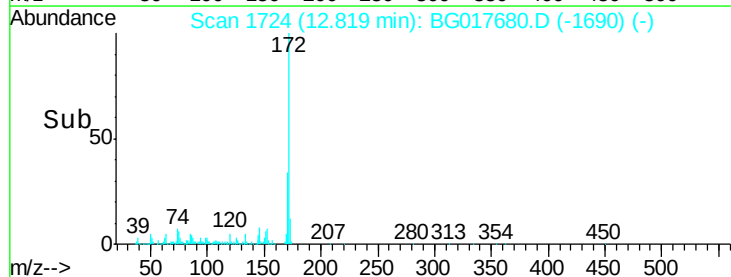
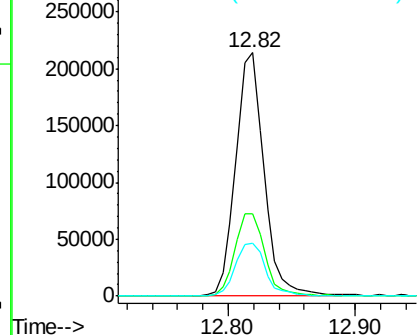


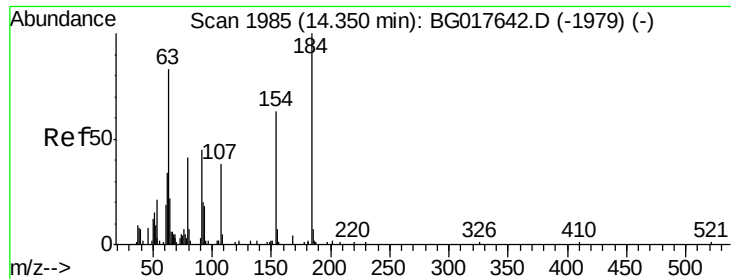
Abundance

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

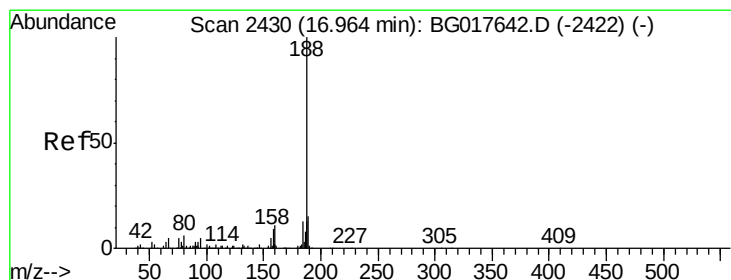
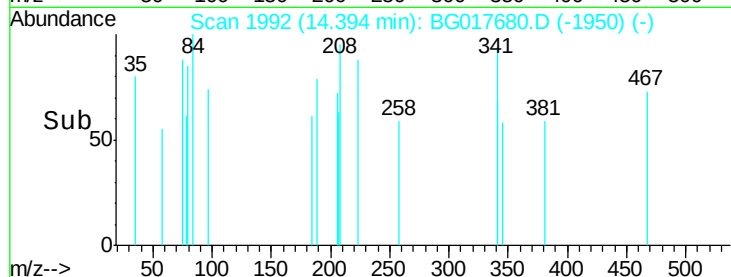
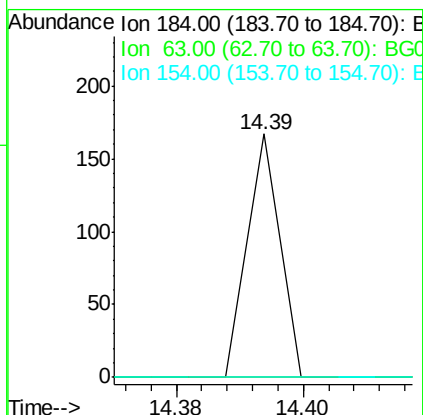
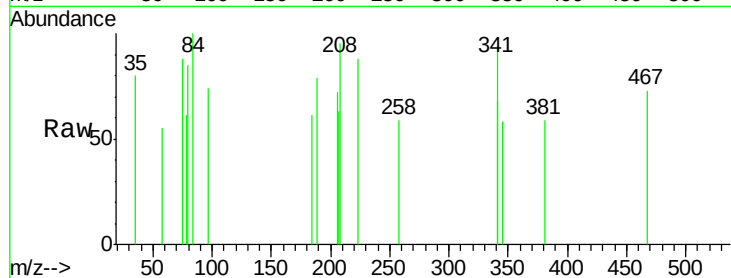




#53
2,4-Dinitrophenol
Concen: 5.95 ng
RT: 14.39 min Scan# 1992
Delta R.T. 0.04 min
Lab File: BG017680.D
Acq: 13 Jun 2015 18:50

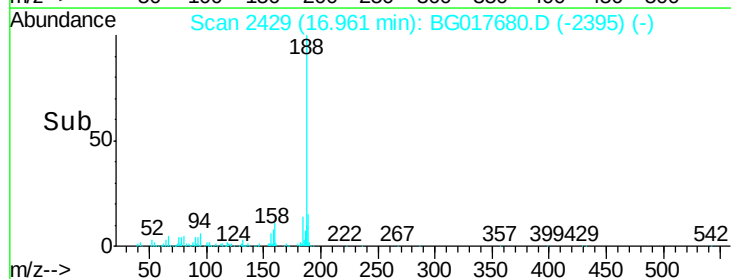
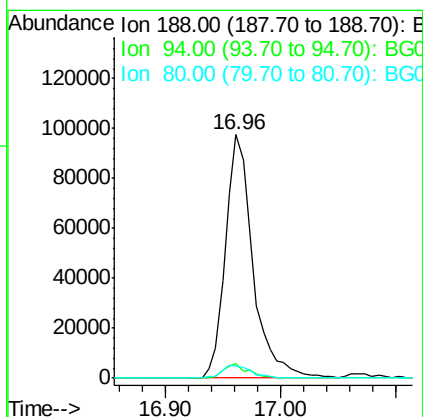
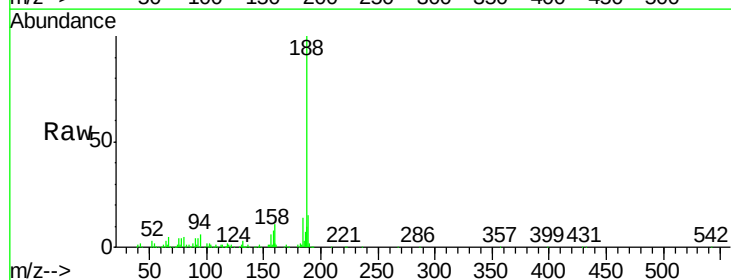
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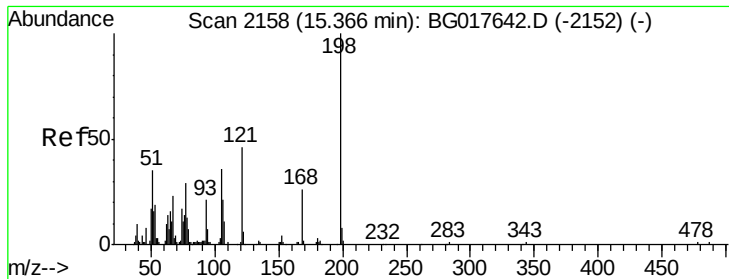
Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 66.5 99.7#
154 0.0 50.5 75.7#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG017680.D
Acq: 13 Jun 2015 18:50

Tgt Ion:188 Resp: 161261
Ion Ratio Lower Upper
188 100
94 5.8 3.9 5.9
80 4.9 5.0 7.6#

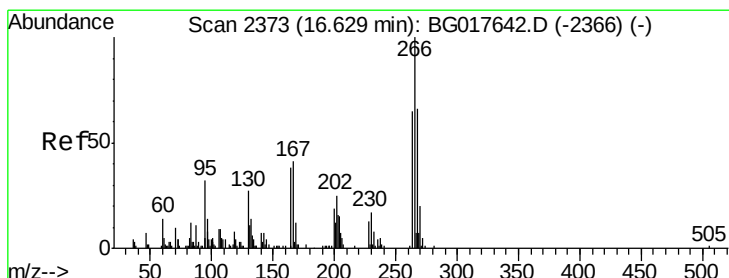
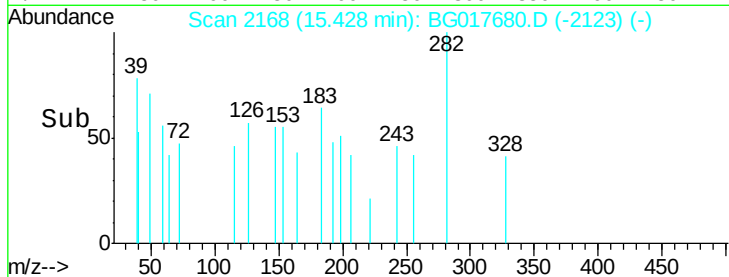
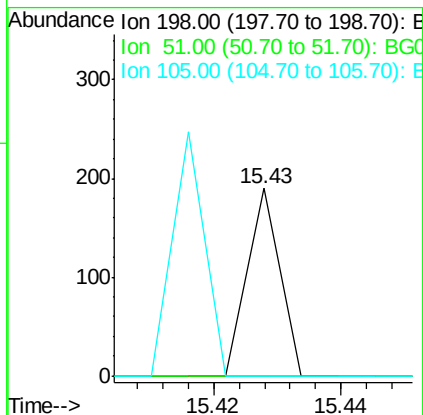
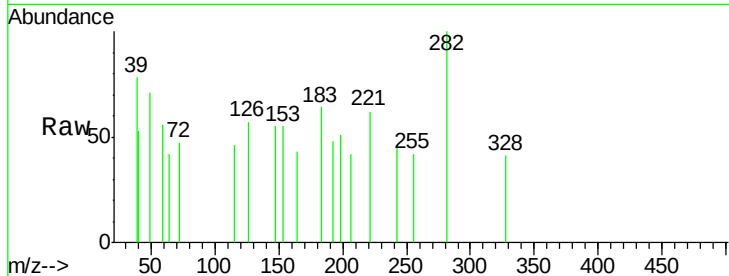




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.30 ng
 RT: 15.43 min Scan# 2168
 Delta R.T. 0.06 min
 Lab File: BG017680.D
 Acq: 13 Jun 2015 18:50

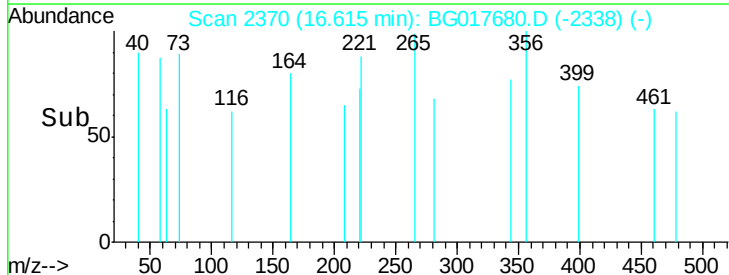
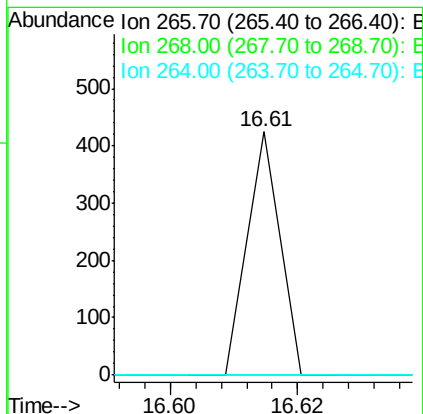
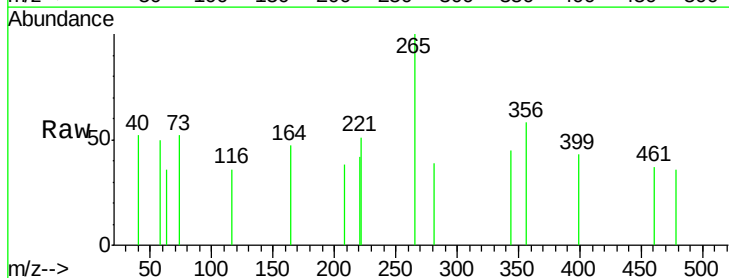
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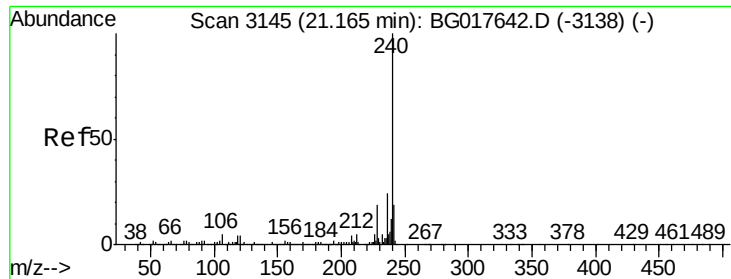
Tgt Ion:198 Resp: 67
 Ion Ratio Lower Upper
 198 100
 51 0.0 16.2 56.2#
 105 0.0 15.7 55.7#



#69
 Pentachlorophenol
 Concen: 6.31 ng
 RT: 16.61 min Scan# 2370
 Delta R.T. -0.01 min
 Lab File: BG017680.D
 Acq: 13 Jun 2015 18:50

Tgt Ion:266 Resp: 150
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.7 79.1#
 264 0.0 52.2 78.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG017680.D

Acq: 13 Jun 2015 18:50

Instrument :

BNA_G

ClientSampleId :

SK-NYW-01(MTA)

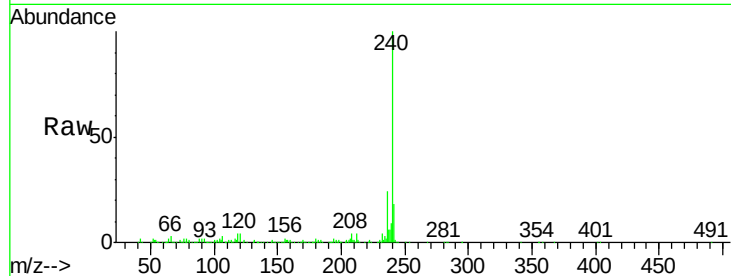
Tgt Ion:240 Resp: 240376

Ion Ratio Lower Upper

240 100

120 4.4 3.5 5.3

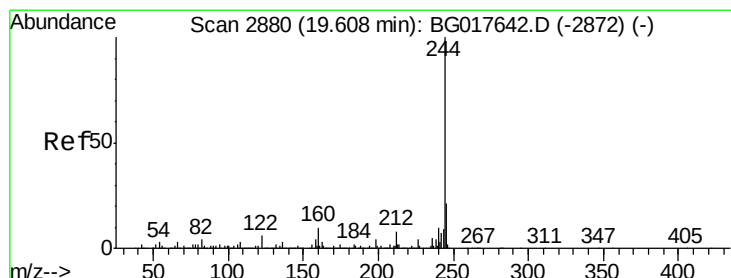
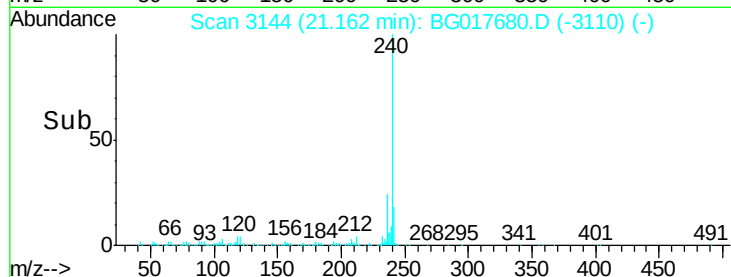
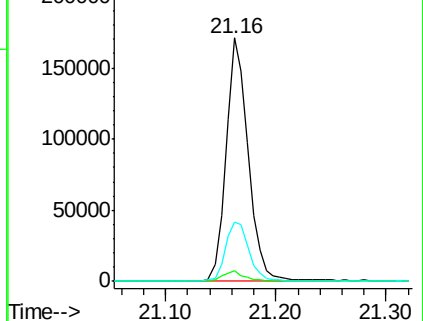
236 24.5 19.5 29.3



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: 86.25 ng

RT: 19.61 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG017680.D

Acq: 13 Jun 2015 18:50

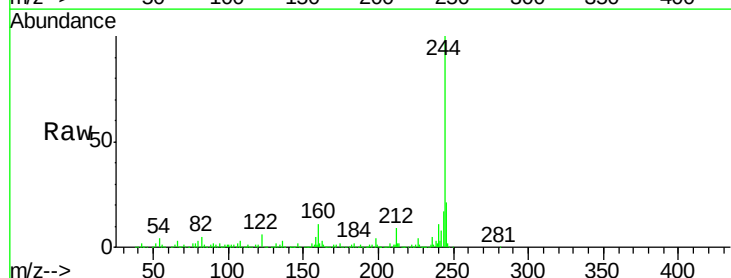
Tgt Ion:244 Resp: 993799

Ion Ratio Lower Upper

244 100

212 9.1 6.3 9.5

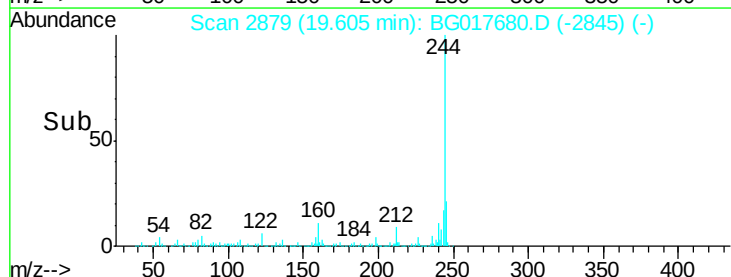
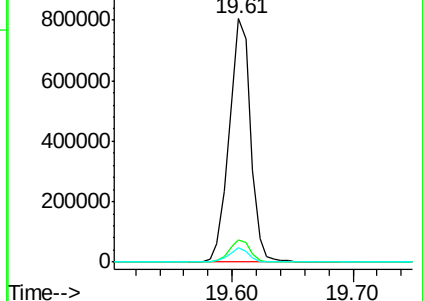
122 6.0 4.6 6.8

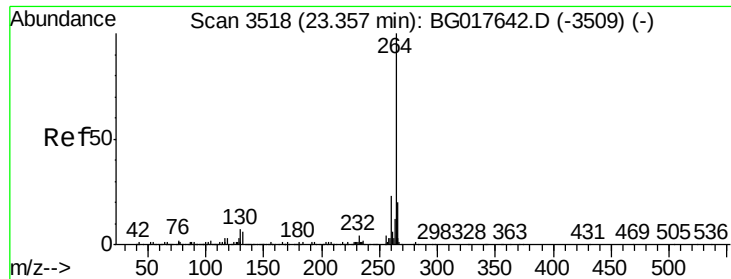


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.37 min Scan# 3519
Delta R.T. 0.01 min
Lab File: BG017680.D
Acq: 13 Jun 2015 18:50

Instrument :
BNA_G
ClientSampleId :
SK-NYW-01(MTA)

Tgt	Ion	Ratio	Lower	Upper
264	100			
260	22.6	18.3	27.5	
265	21.6	16.2	24.2	

