

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017682.D
 Acq On : 13 Jun 2015 20:00
 Operator : TP/IZ
 Sample : G2607-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SK-NYW-08(4AR-P-4)

Quant Time: Jun 15 05:43:07 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

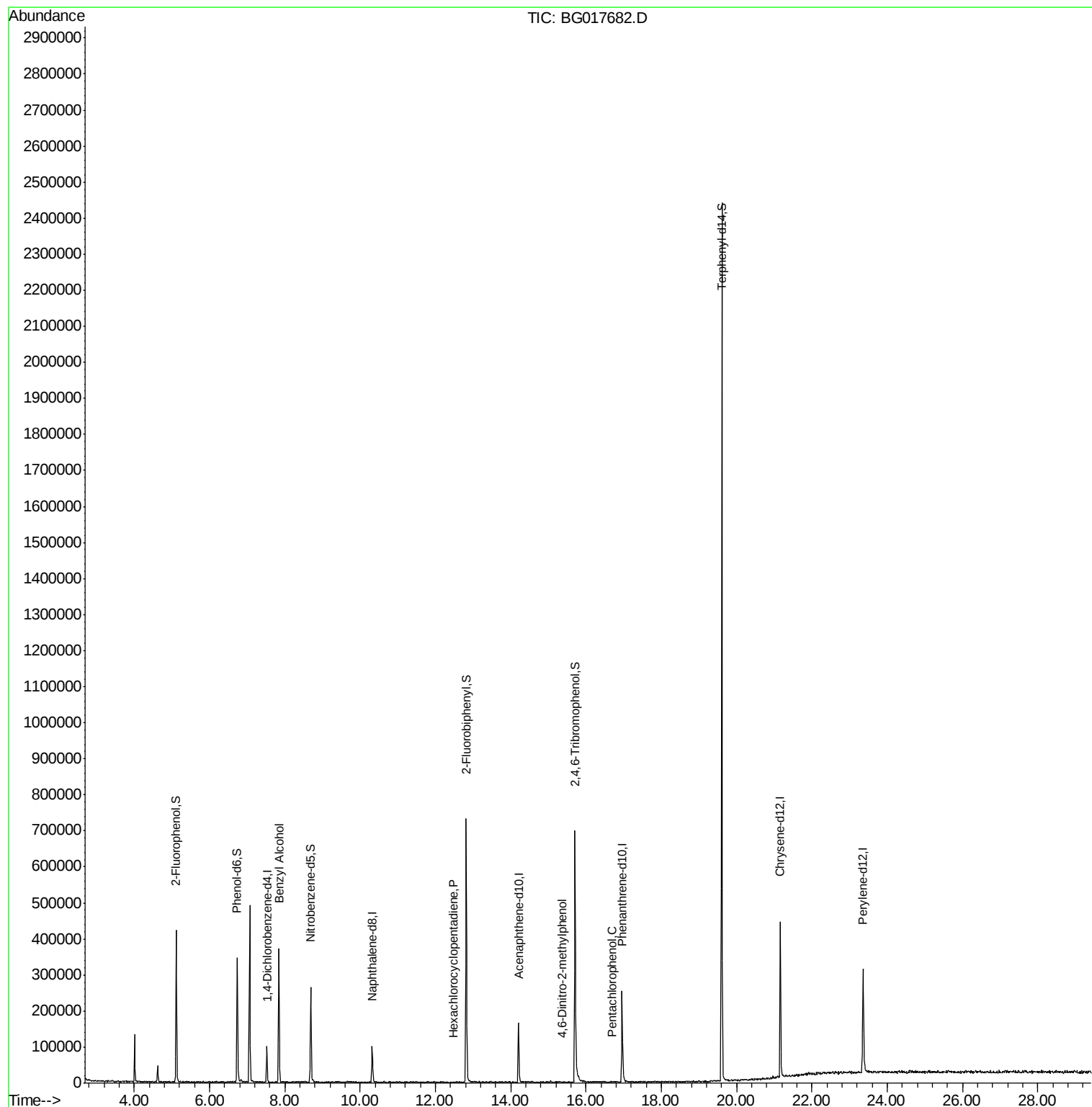
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	19451	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	65916	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	52670	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	161833	20.00	ng	0.00
75) Chrysene-d12	21.16	240	238853	20.00	ng	0.00
86) Perylene-d12	23.36	264	214732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	128510	127.96	ng	0.00
7) Phenol-d6	6.74	99	152925	103.92	ng	0.00
23) Nitrobenzene-d5	8.69	82	140996	89.79	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	119676	131.63	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	322804	84.77	ng	0.00
78) Terphenyl-d14	19.61	244	961188	83.95	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.84	79	3797	2.34	ng	# 49
40) Hexachlorocyclopentadiene	12.48	237	94	5.16	ng	# 25
64) 4,6-Dinitro-2-methylphenol	15.38	198	55	5.29	ng	# 39
69) Pentachlorophenol	16.70	266	78	6.25	ng	# 17

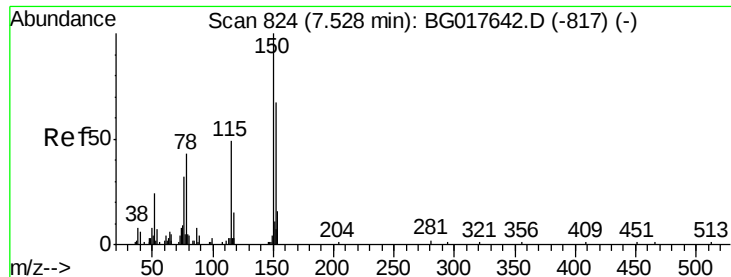
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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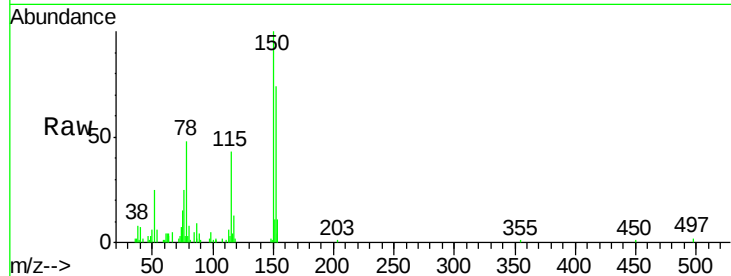


#1

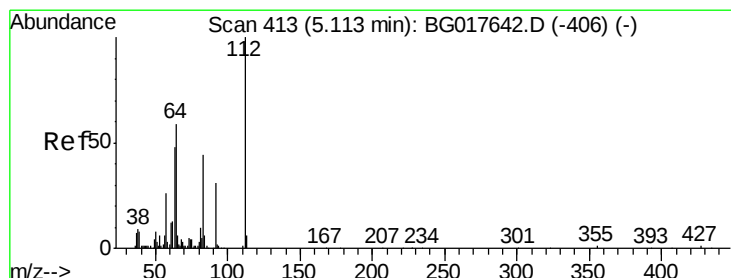
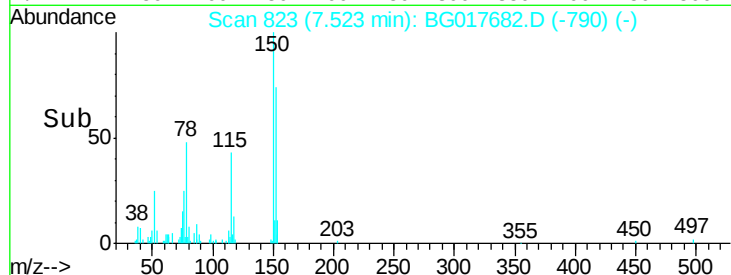
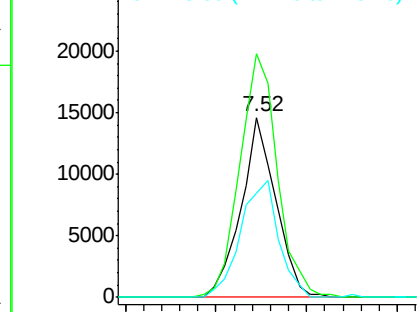
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG017682.D
Acq: 13 Jun 2015 20:00

Instrument :
BNA_G
ClientSampleId :
SK-NYW-08(4AR-P-4)

Tgt Ion:152 Resp: 19451
Ion Ratio Lower Upper
152 100
150 135.3 119.4 179.0
115 57.9 58.2 87.2#



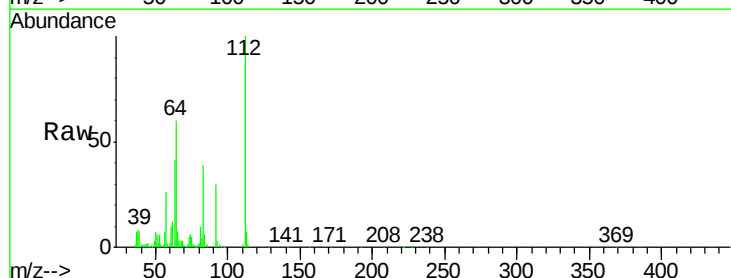
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



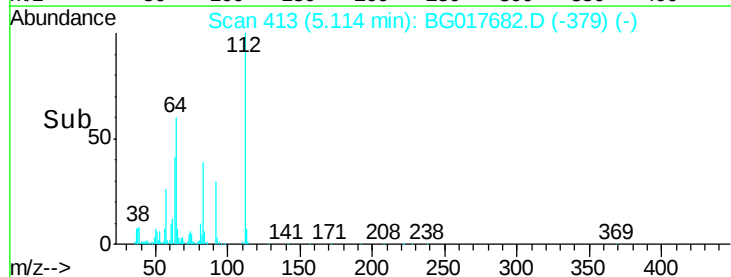
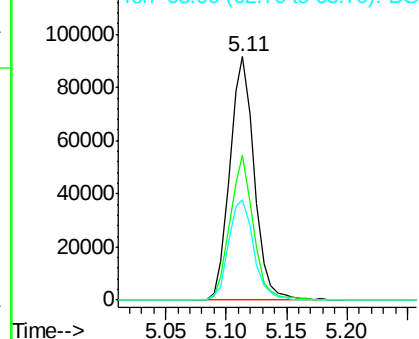
#5

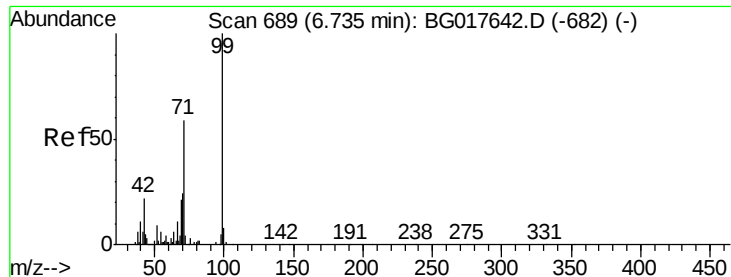
2-Fluorophenol
Concen: 127.96 ng
RT: 5.11 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG017682.D
Acq: 13 Jun 2015 20:00

Tgt Ion:112 Resp: 128510
Ion Ratio Lower Upper
112 100
64 59.7 47.0 70.6
63 41.1 38.6 58.0



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: 103.92 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG017682.D

Acq: 13 Jun 2015 20:00

Instrument :

BNA_G

ClientSampleId :

SK-NYW-08(4AR-P-4)

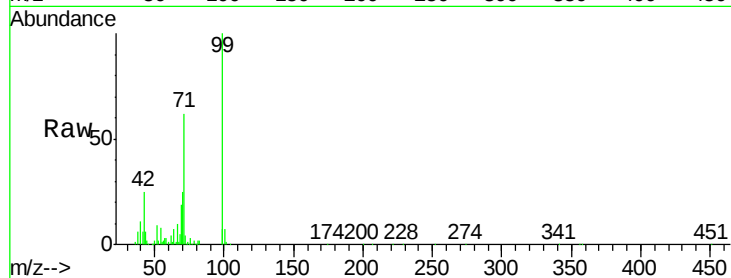
Tgt Ion: 99 Resp: 152925

Ion Ratio Lower Upper

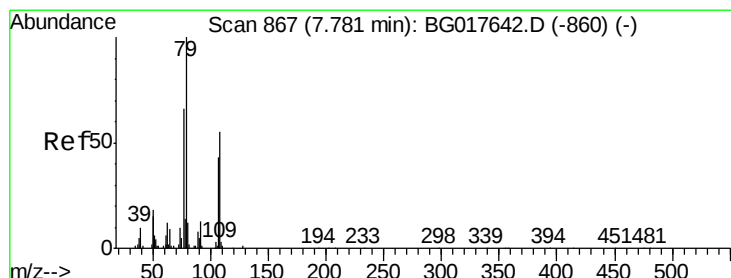
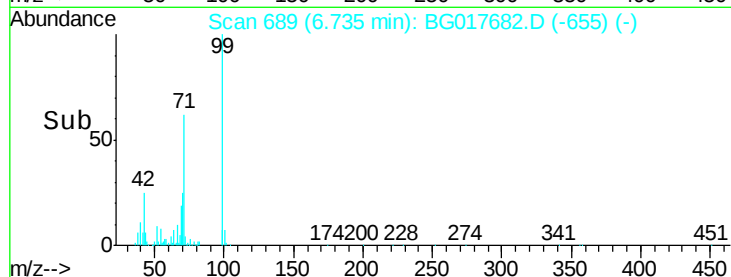
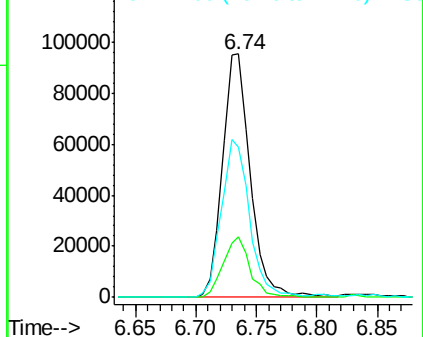
99 100

42 24.9 17.4 26.2

71 61.7 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: 2.34 ng

RT: 7.84 min Scan# 877

Delta R.T. 0.06 min

Lab File: BG017682.D

Acq: 13 Jun 2015 20:00

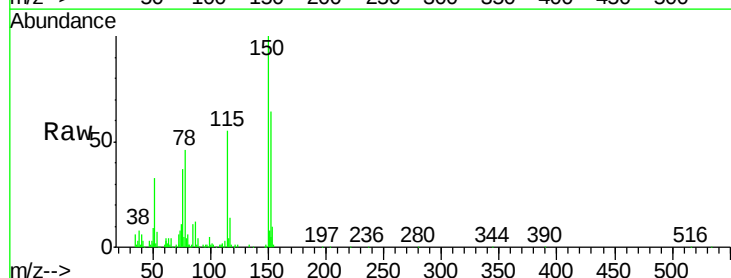
Tgt Ion: 79 Resp: 3797

Ion Ratio Lower Upper

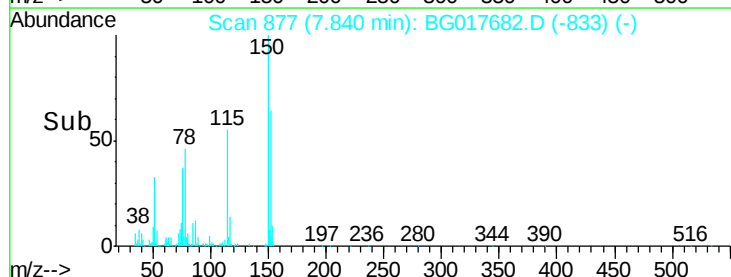
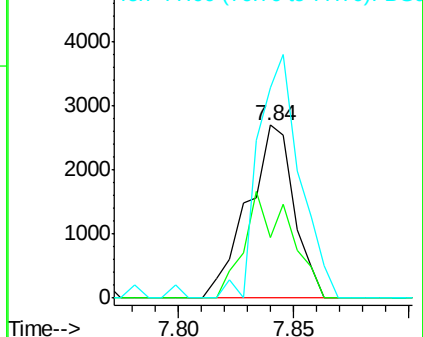
79 100

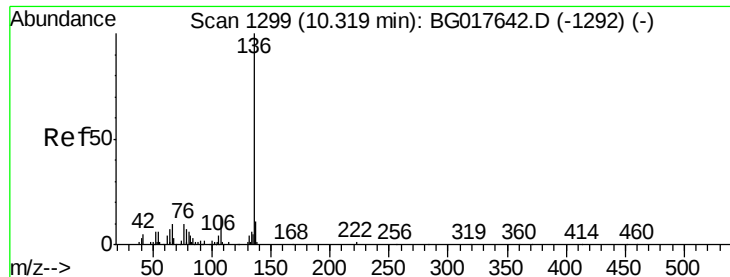
108 35.1 44.6 67.0#

77 121.7 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

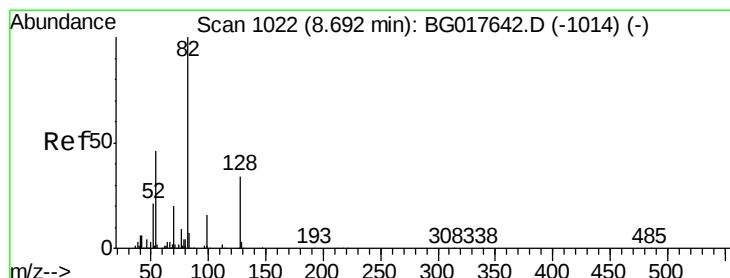
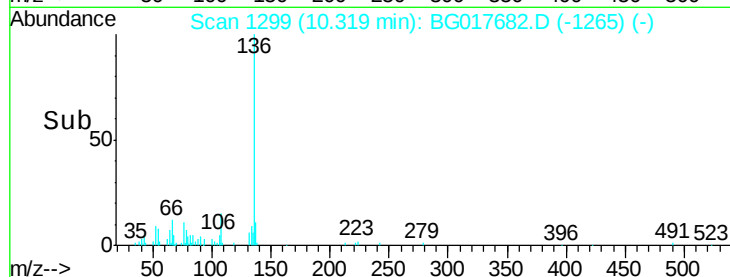
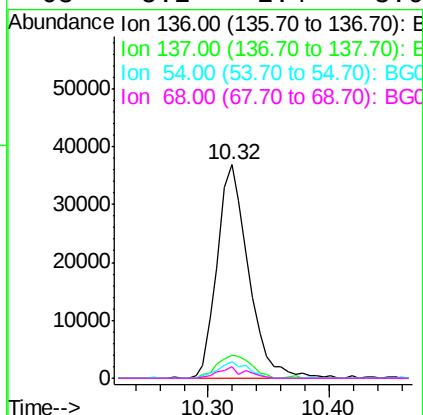
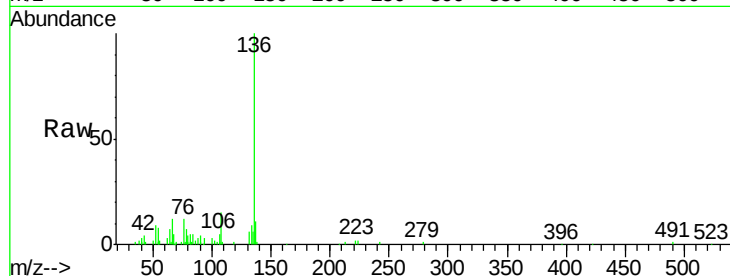




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG017682.D
Acq: 13 Jun 2015 20:00

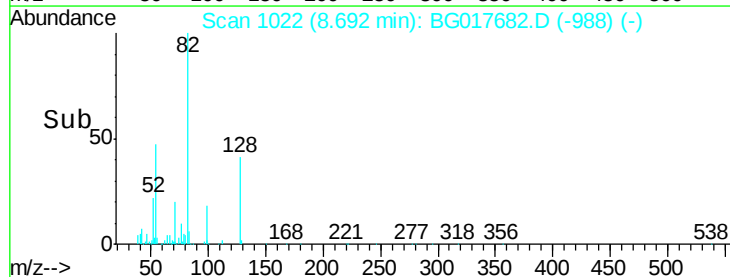
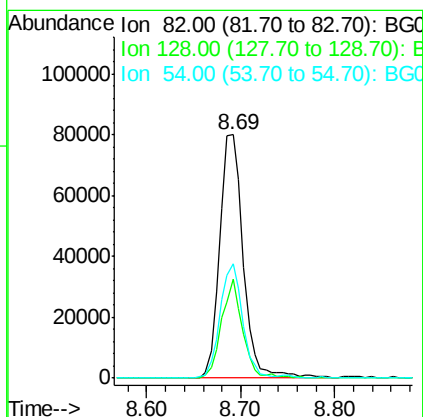
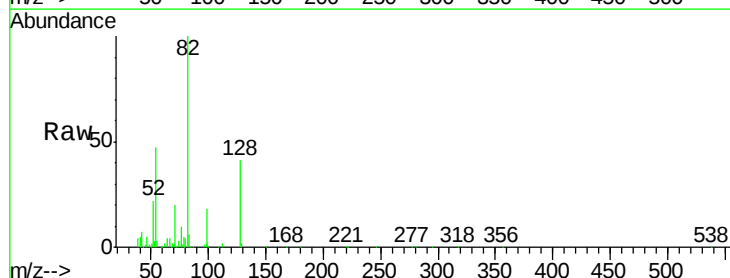
Instrument :
BNA_G
ClientSampleId :
SK-NYW-08(4AR-P-4)

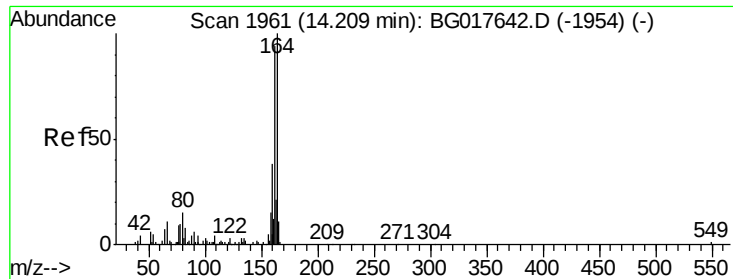
Tgt Ion: 136 Resp: 65916
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.7 4.7 7.1#
68 5.2 2.4 3.6#



#23
Nitrobenzene-d5
Concen: 89.79 ng
RT: 8.69 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG017682.D
Acq: 13 Jun 2015 20:00

Tgt Ion: 82 Resp: 140996
Ion Ratio Lower Upper
82 100
128 40.6 27.3 40.9
54 47.2 37.0 55.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.20 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BG017682.D

Acq: 13 Jun 2015 20:00

Instrument :

BNA_G

ClientSampleId :

SK-NYW-08(4AR-P-4)

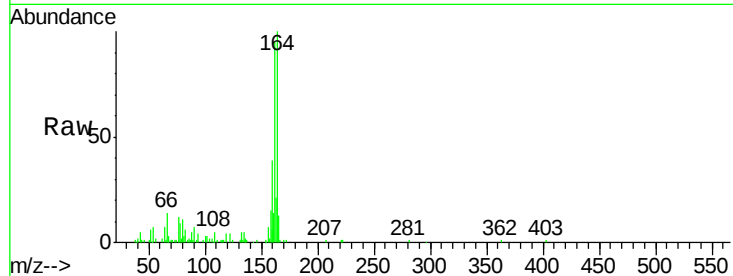
Tgt Ion:164 Resp: 52670

Ion Ratio Lower Upper

164 100

162 94.8 75.0 112.4

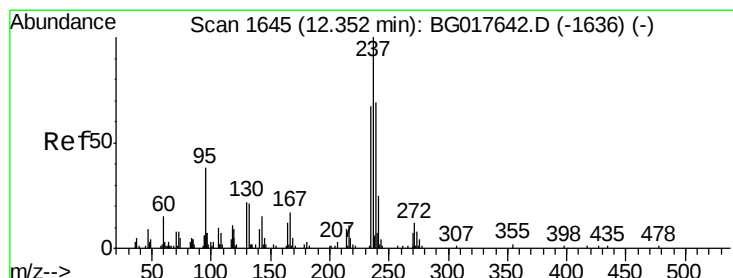
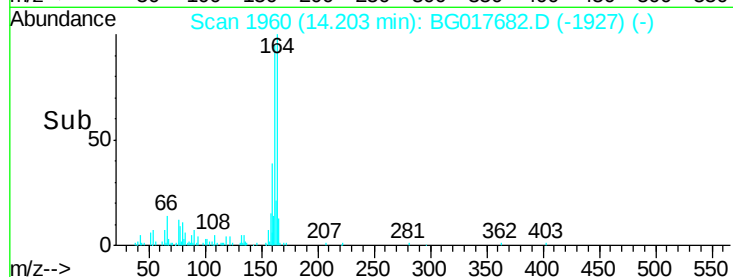
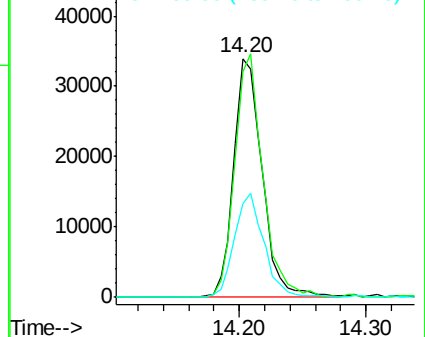
160 39.3 30.3 45.5



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: 5.16 ng

RT: 12.48 min Scan# 1666

Delta R.T. 0.12 min

Lab File: BG017682.D

Acq: 13 Jun 2015 20:00

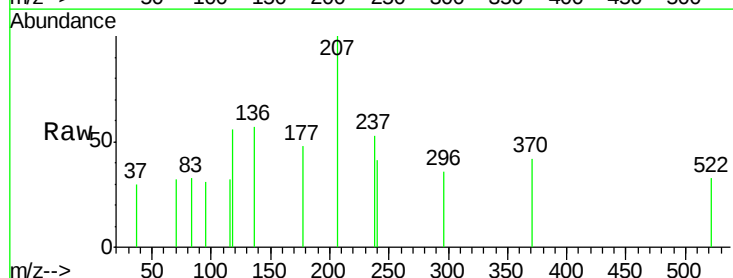
Tgt Ion:237 Resp: 94

Ion Ratio Lower Upper

237 100

235 0.0 46.6 86.6#

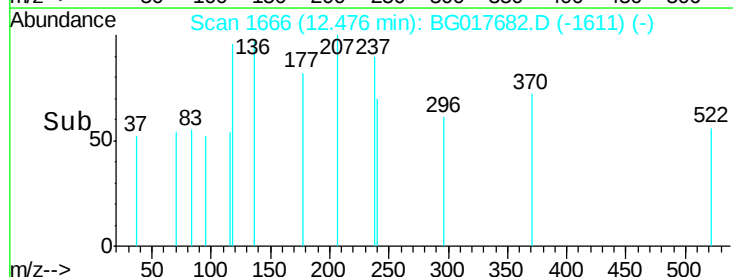
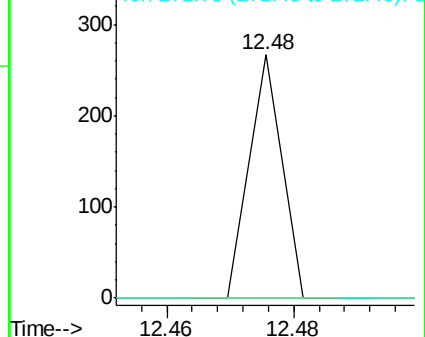
272 0.0 0.0 32.3

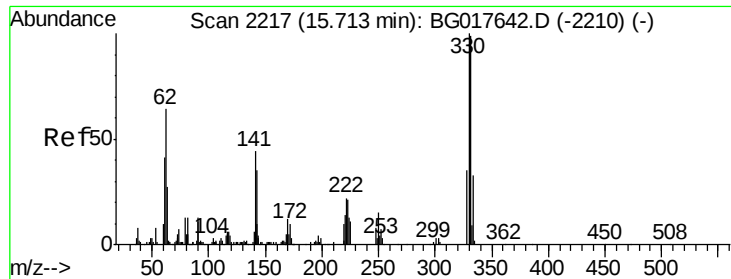


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

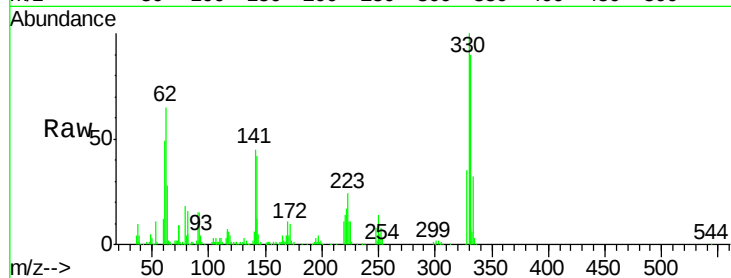




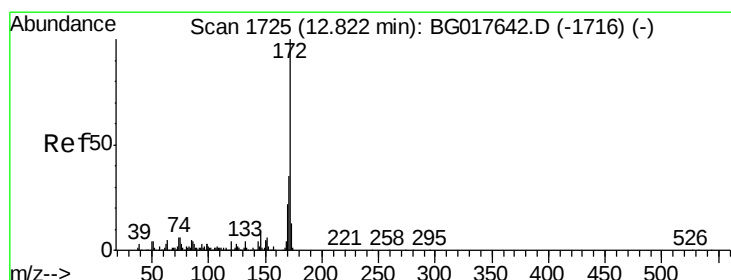
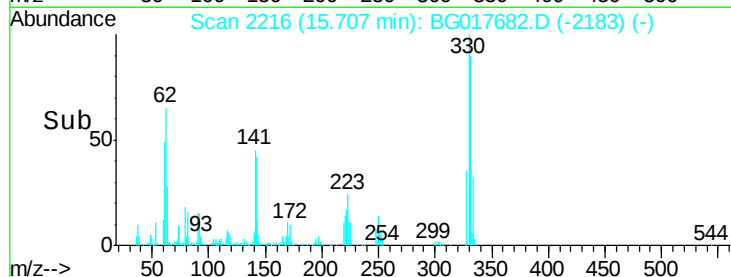
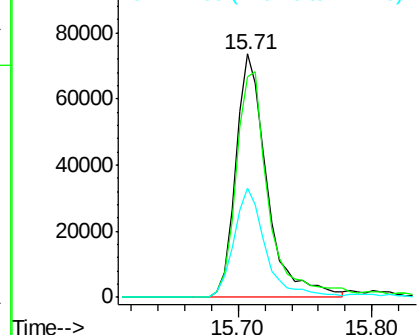
#41
 2,4,6-Tribromophenol
 Concen: 131.63 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BG017682.D
 Acq: 13 Jun 2015 20:00

Instrument :
 BNA_G
 ClientSampleId :
 SK-NYW-08(4AR-P-4)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	45.5	34.6	51.8

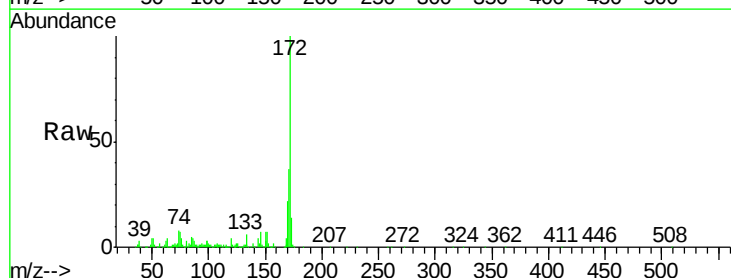


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

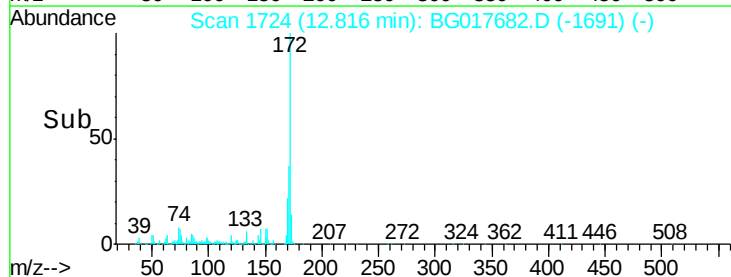
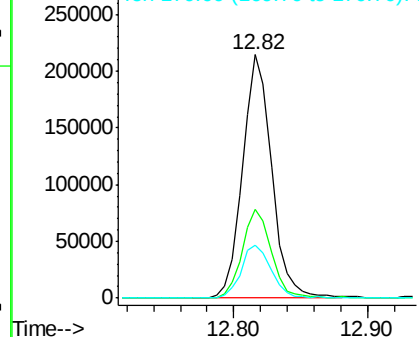


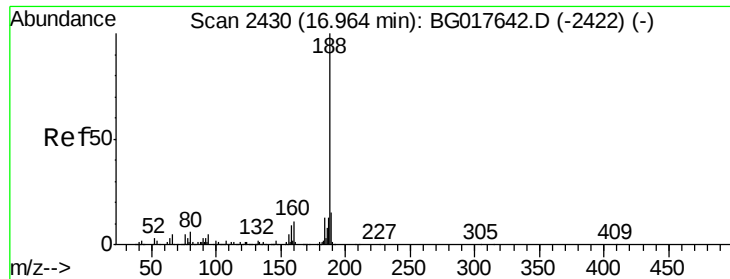
#44
 2-Fluorobiphenyl
 Concen: 84.77 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG017682.D
 Acq: 13 Jun 2015 20:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.2	42.2
170	21.6	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.96 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG017682.D

Acq: 13 Jun 2015 20:00

Instrument :

BNA_G

ClientSampleId :

SK-NYW-08(4AR-P-4)

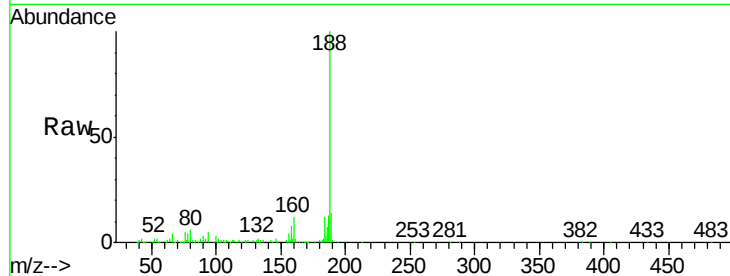
Tgt Ion:188 Resp: 161833

Ion Ratio Lower Upper

188 100

94 4.8 3.9 5.9

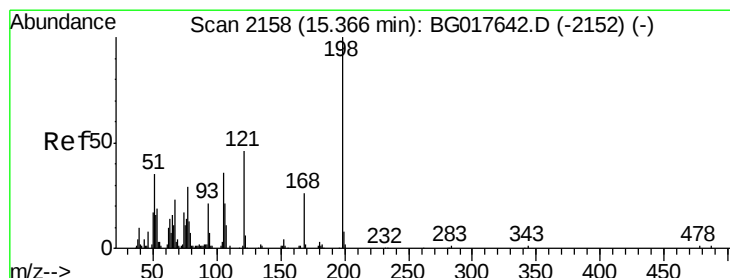
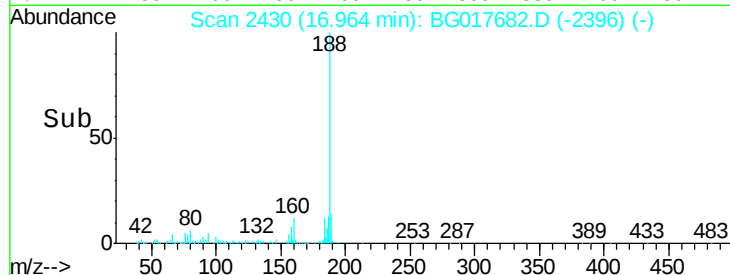
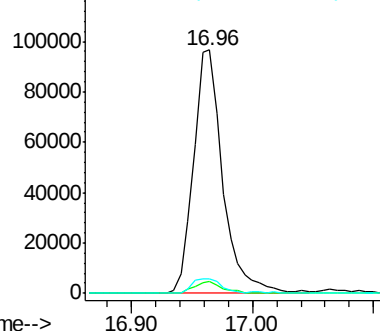
80 5.8 5.0 7.6



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: 5.29 ng

RT: 15.38 min Scan# 2160

Delta R.T. 0.01 min

Lab File: BG017682.D

Acq: 13 Jun 2015 20:00

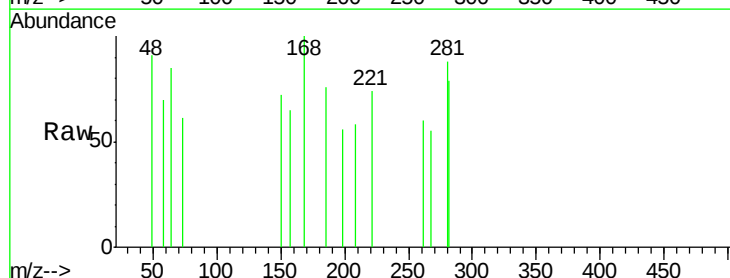
Tgt Ion:198 Resp: 55

Ion Ratio Lower Upper

198 100

51 0.0 16.2 56.2#

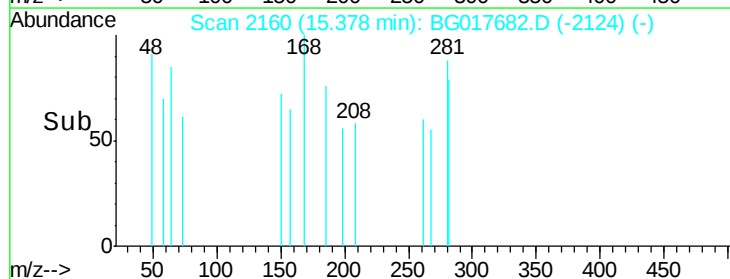
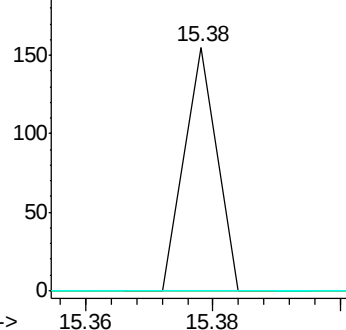
105 0.0 15.7 55.7#

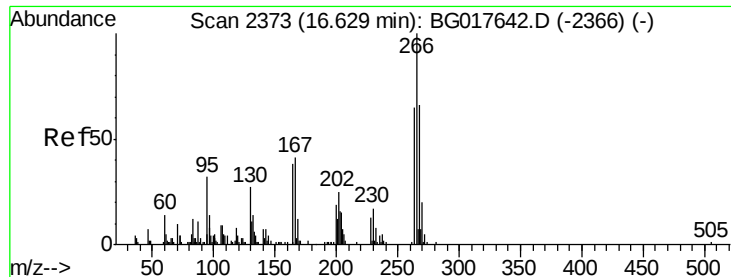


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#69

Pentachlorophenol

Concen: 6.25 ng

RT: 16.70 min Scan# 2385

Delta R.T. 0.07 min

Lab File: BG017682.D

Acq: 13 Jun 2015 20:00

Instrument :

BNA_G

ClientSampleId :

SK-NYW-08(4AR-P-4)

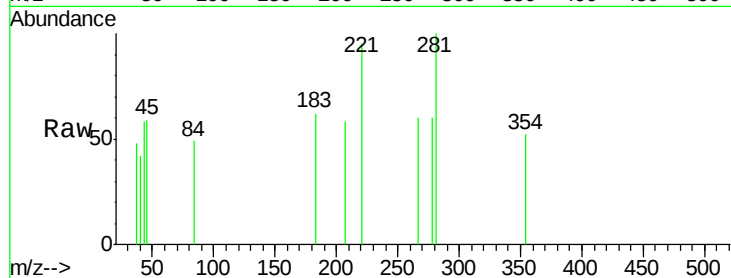
Tgt Ion:266 Resp: 78

Ion Ratio Lower Upper

266 100

268 0.0 52.7 79.1#

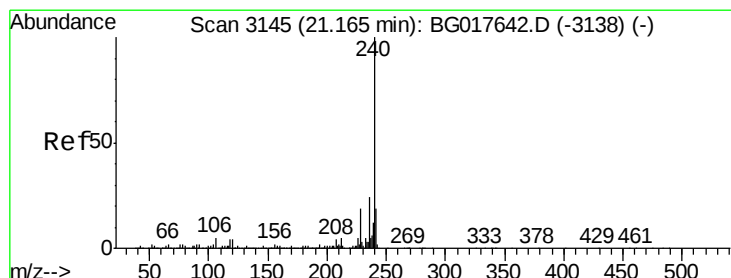
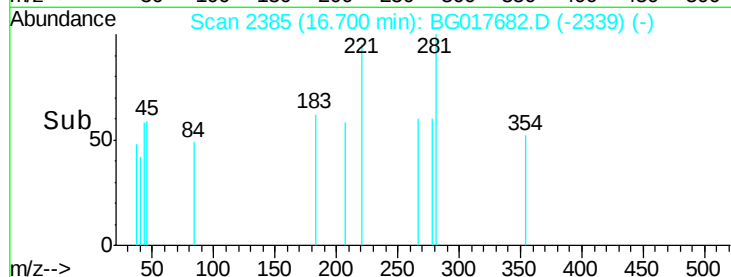
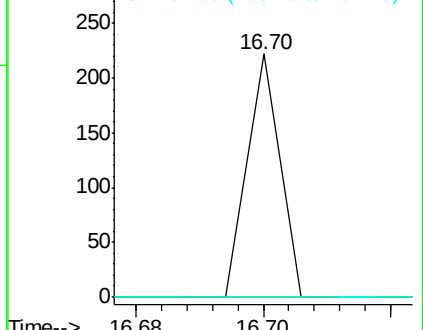
264 0.0 52.2 78.4#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG017682.D

Acq: 13 Jun 2015 20:00

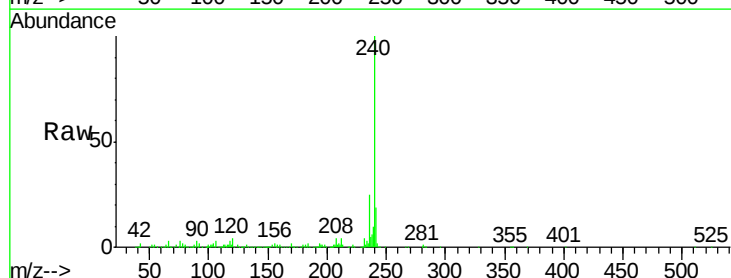
Tgt Ion:240 Resp: 238853

Ion Ratio Lower Upper

240 100

120 4.2 3.5 5.3

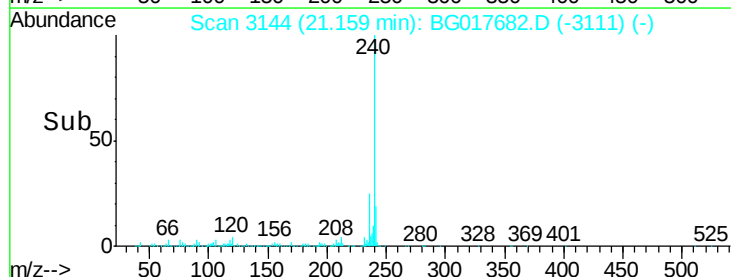
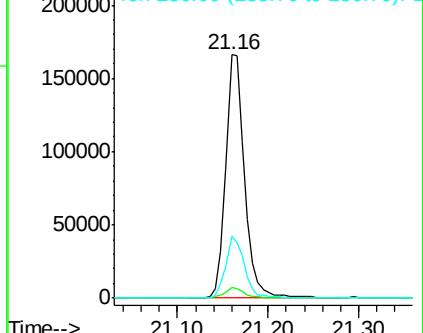
236 25.2 19.5 29.3

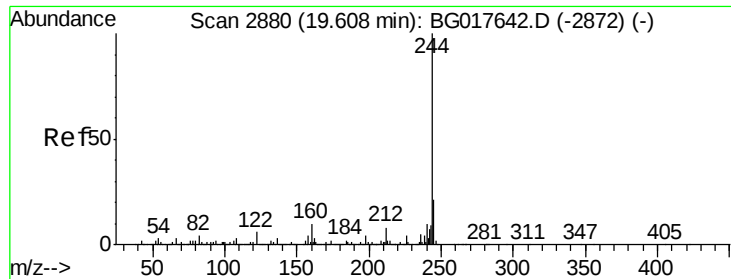


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.95 ng

RT: 19.61 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG017682.D

Acq: 13 Jun 2015 20:00

Instrument :

BNA_G

ClientSampleId :

SK-NYW-08(4AR-P-4)

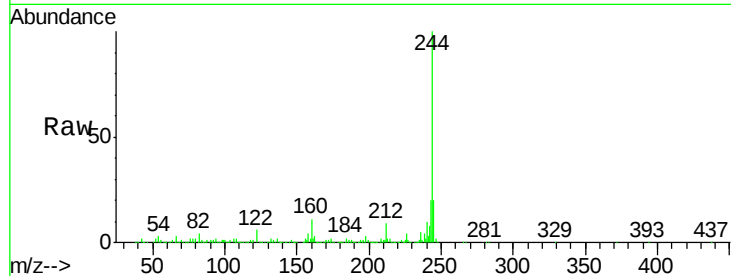
Tgt Ion:244 Resp: 961188

Ion Ratio Lower Upper

244 100

212 8.7 6.3 9.5

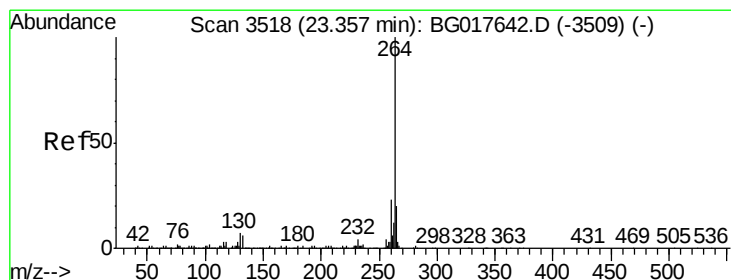
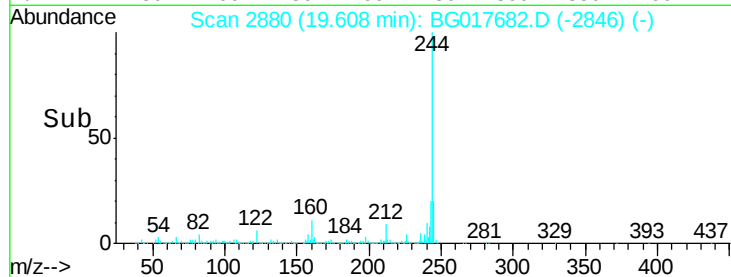
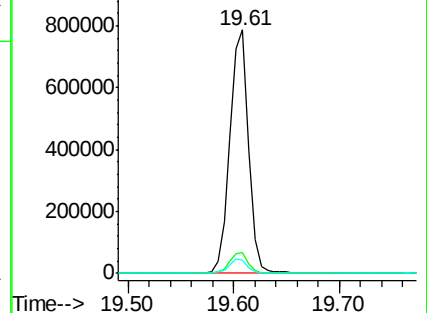
122 5.6 4.6 6.8



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: 23.36 min Scan# 3519

Delta R.T. 0.01 min

Lab File: BG017682.D

Acq: 13 Jun 2015 20:00

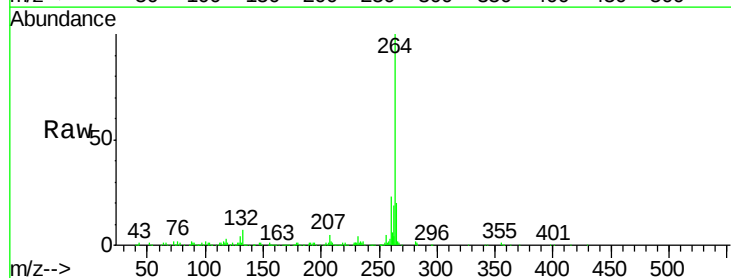
Tgt Ion:264 Resp: 214732

Ion Ratio Lower Upper

264 100

260 22.5 18.3 27.5

265 20.5 16.2 24.2



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

