

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
 Data File : BG017662.D
 Acq On : 13 Jun 2015 7:13
 Operator : TP/IZ
 Sample : G2522-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-19

Quant Time: Jun 15 04:30:26 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

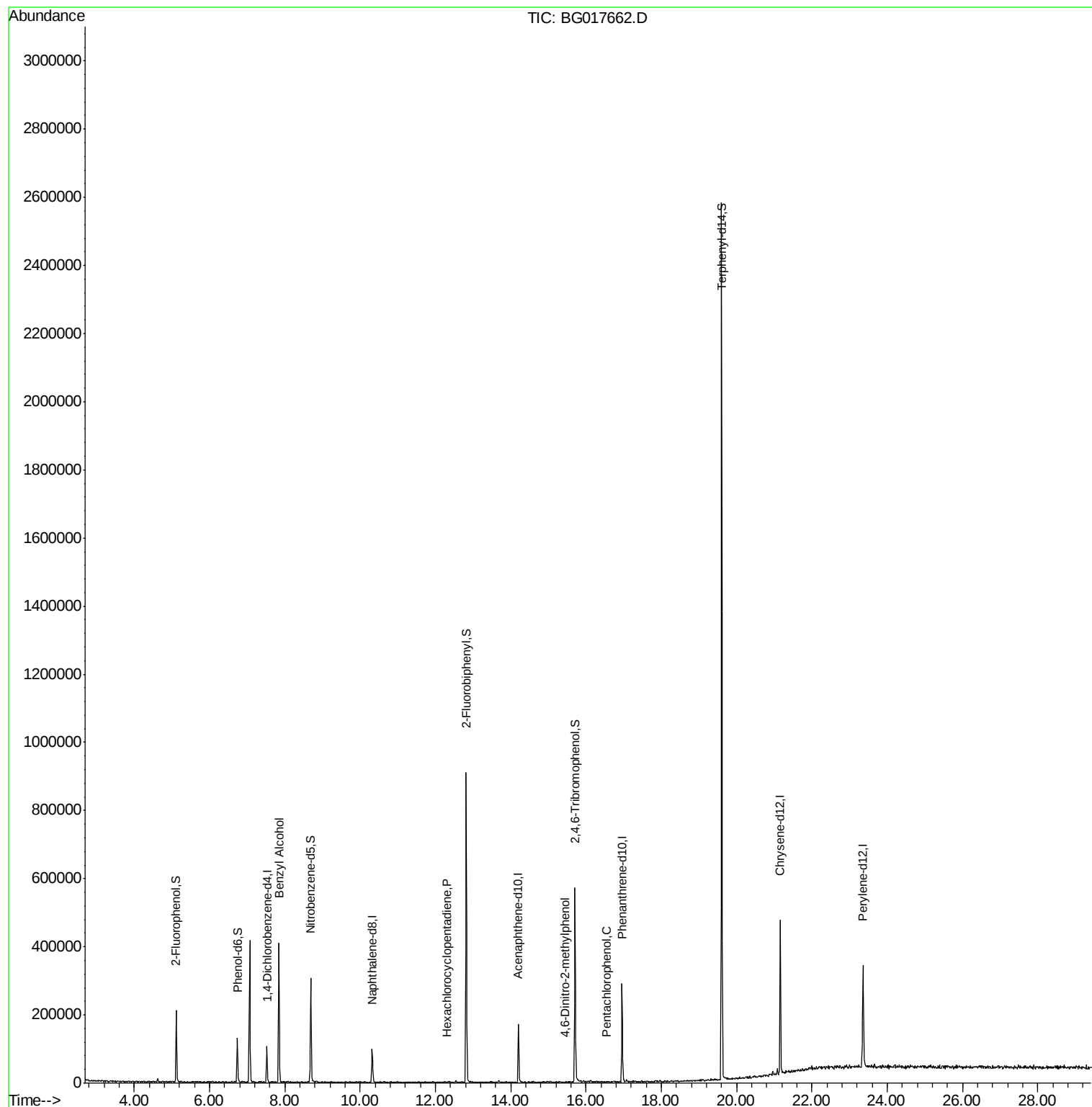
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	19512	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	67742	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	53487	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	154893	20.00	ng	0.00
75) Chrysene-d12	21.16	240	226694	20.00	ng	0.00
86) Perylene-d12	23.36	264	225409	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	65296	64.81	ng	0.00
7) Phenol-d6	6.74	99	53714	36.39	ng	0.00
23) Nitrobenzene-d5	8.69	82	166988	103.48	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	88520	95.88	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	385537	99.69	ng	0.00
78) Terphenyl-d14	19.61	244	1031741	94.94	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.85	79	3722	2.29	ng	# 9
40) Hexachlorocyclopentadiene	12.31	237	57	5.04	ng	# 25
64) 4,6-Dinitro-2-methylphenol	15.44	198	56	5.29	ng	# 39
69) Pentachlorophenol	16.55	266	55	6.23	ng	# 17

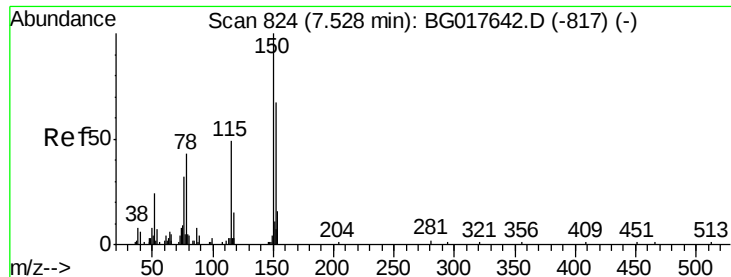
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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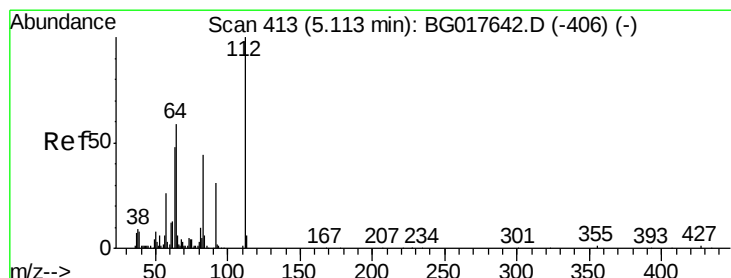
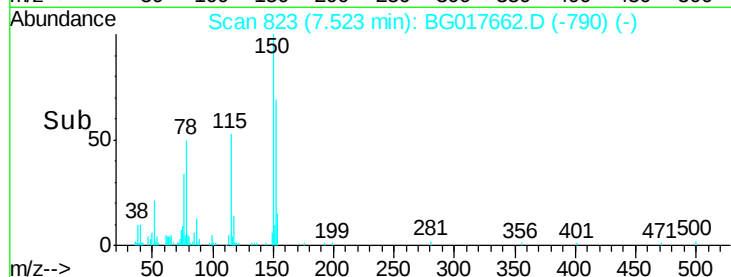
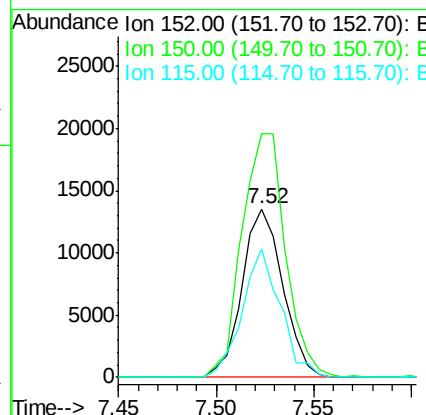
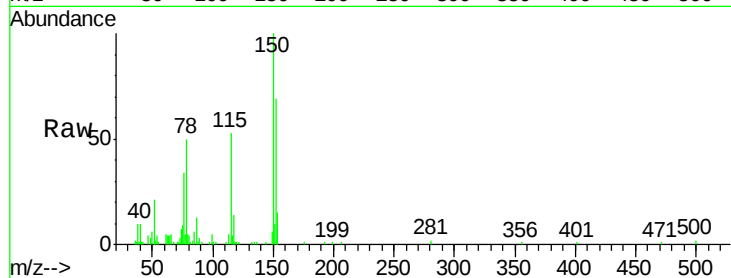


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG017662.D
Acq: 13 Jun 2015 7:13

Instrument :
BNA_G
ClientSampled :
MW-19

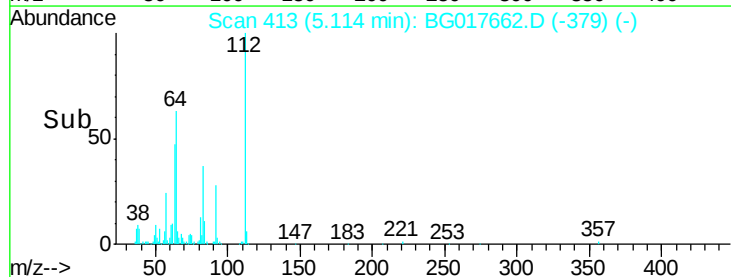
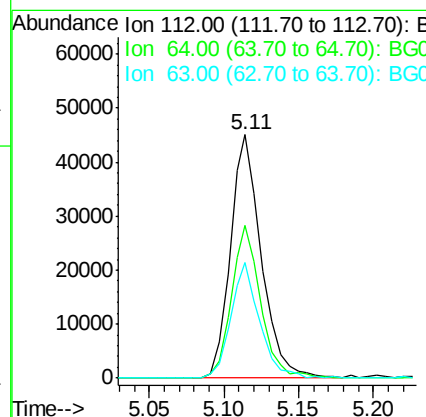
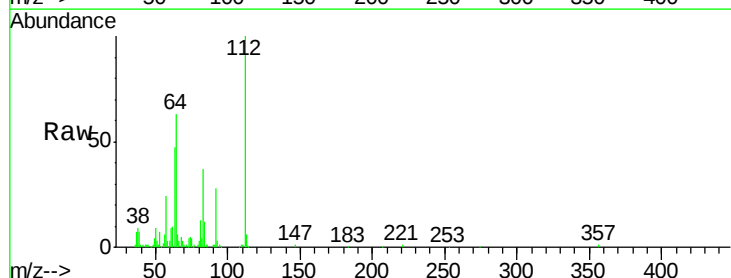
Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.5	119.4	179.0
115	76.3	58.2	87.2

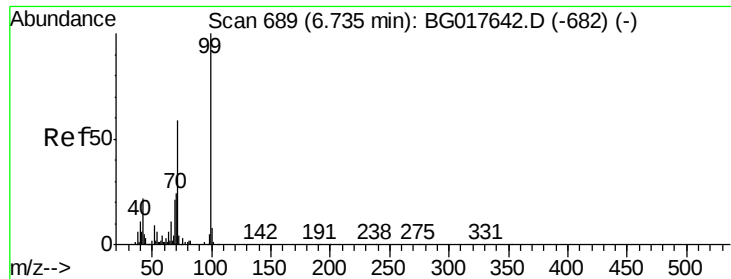


#5

2-Fluorophenol
Concen: 64.81 ng
RT: 5.11 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG017662.D
Acq: 13 Jun 2015 7:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	47.0	70.6
63	47.3	38.6	58.0





#7

Phenol-d6

Concen: 36.39 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG017662.D

Acq: 13 Jun 2015 7:13

Instrument :

BNA_G

ClientSampleId :

MW-19

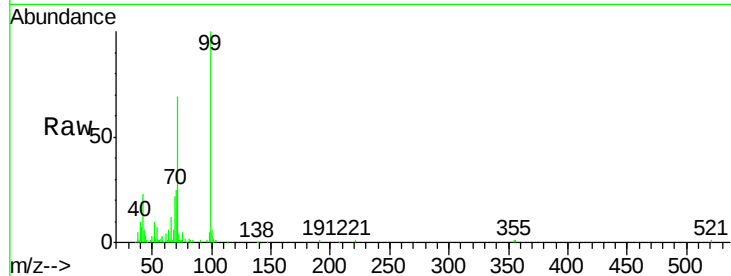
Tgt Ion: 99 Resp: 53714

Ion Ratio Lower Upper

99 100

42 23.2 17.4 26.2

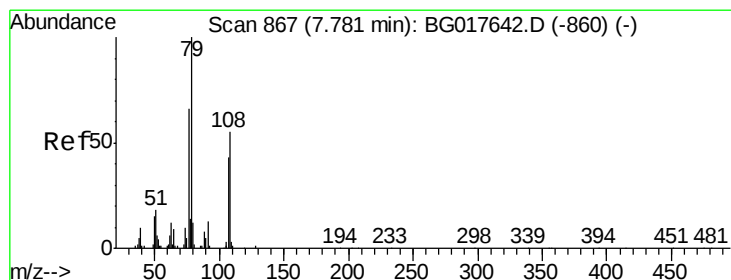
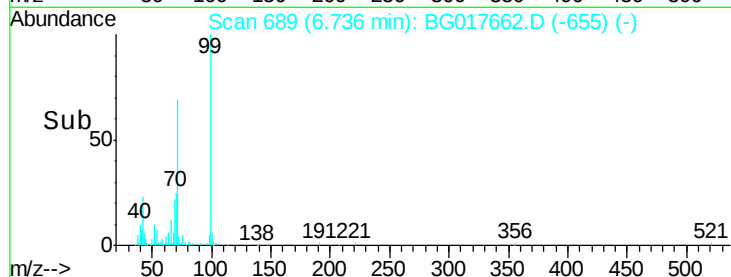
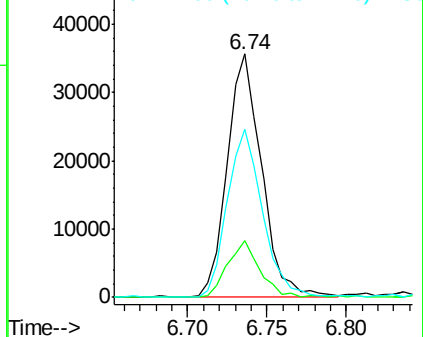
71 69.2 47.4 71.0



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: 2.29 ng

RT: 7.85 min Scan# 878

Delta R.T. 0.07 min

Lab File: BG017662.D

Acq: 13 Jun 2015 7:13

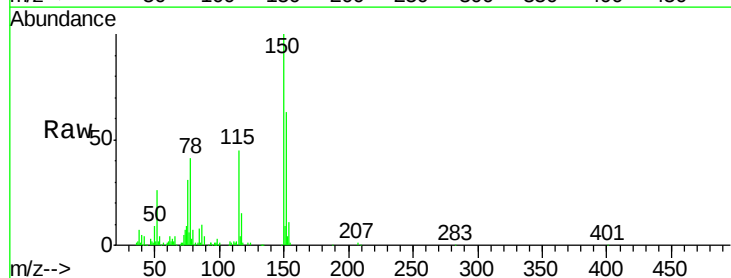
Tgt Ion: 79 Resp: 3722

Ion Ratio Lower Upper

79 100

108 78.6 44.6 67.0#

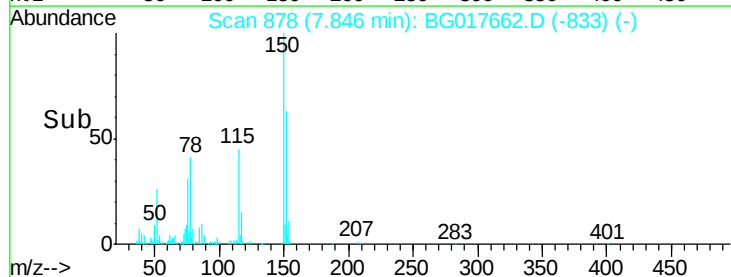
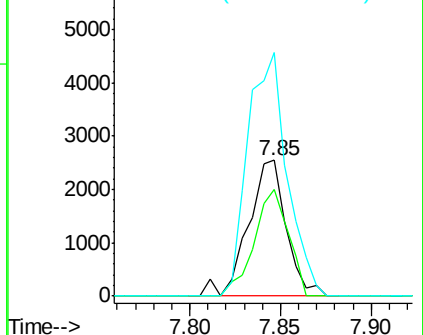
77 179.2 53.1 79.7#

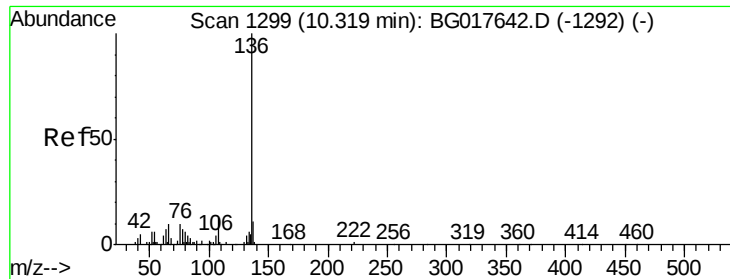


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

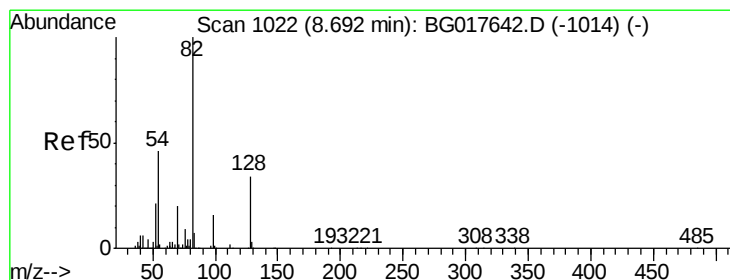
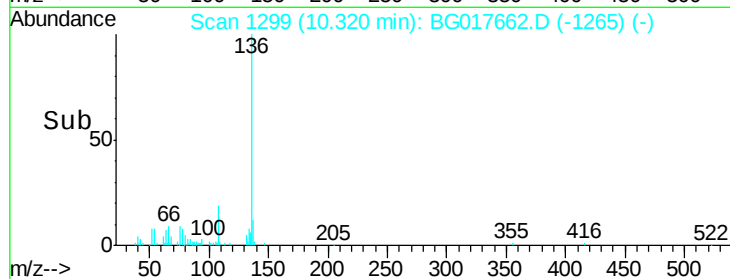
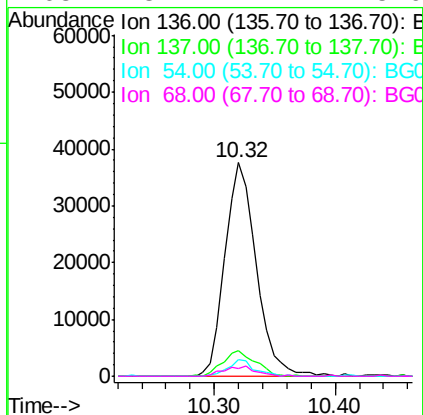
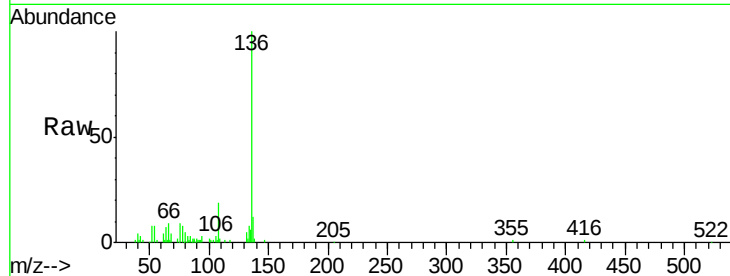




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG017662.D
Acq: 13 Jun 2015 7:13

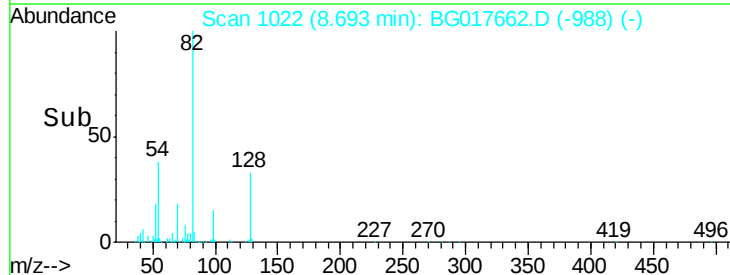
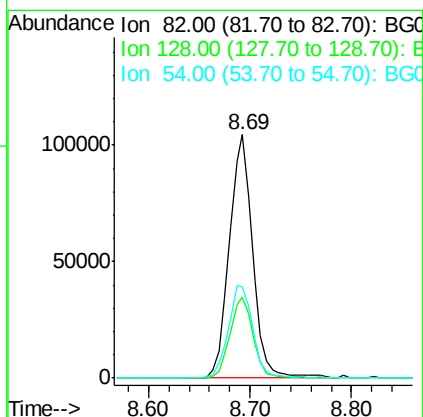
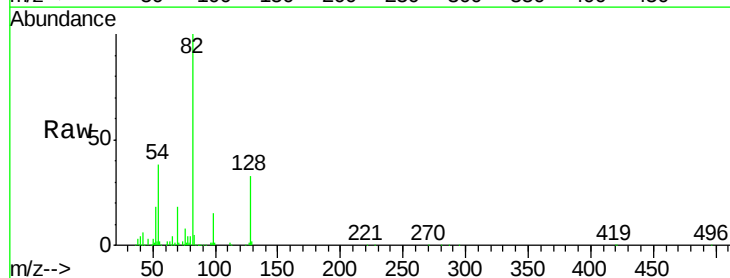
Instrument :
BNA_G
ClientSampleId :
MW-19

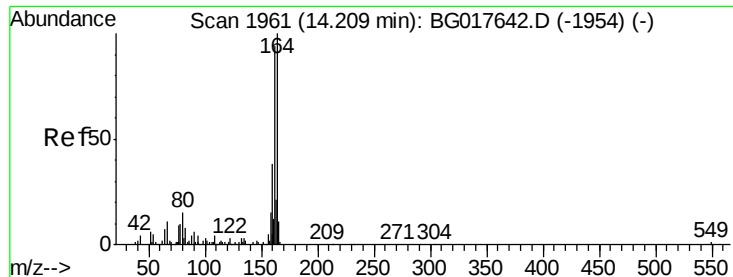
Tgt Ion:136 Resp: 67742
Ion Ratio Lower Upper
136 100
137 11.9 8.7 13.1
54 7.5 4.7 7.1#
68 3.7 2.4 3.6#



#23
Nitrobenzene-d5
Concen: 103.48 ng
RT: 8.69 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG017662.D
Acq: 13 Jun 2015 7:13

Tgt Ion: 82 Resp: 166988
Ion Ratio Lower Upper
82 100
128 33.4 27.3 40.9
54 37.6 37.0 55.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.20 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG017662.D

Acq: 13 Jun 2015 7:13

Instrument :

BNA_G

ClientSampleId :

MW-19

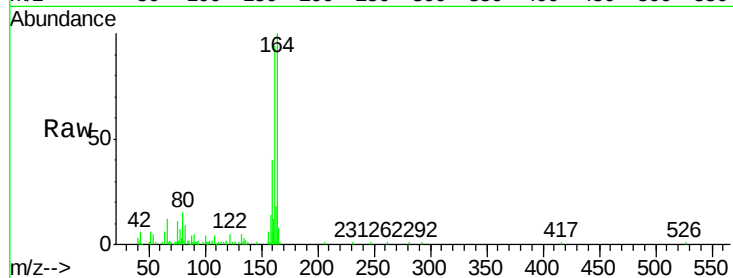
Tgt Ion:164 Resp: 53487

Ion Ratio Lower Upper

164 100

162 94.2 75.0 112.4

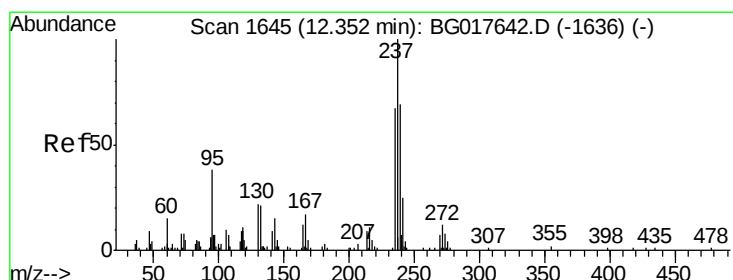
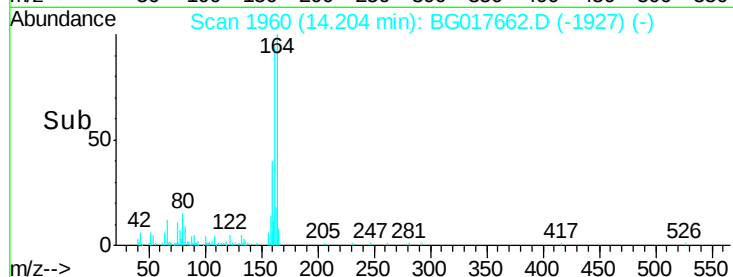
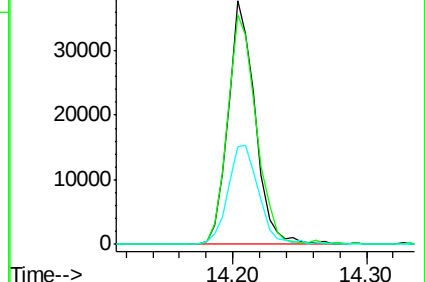
160 40.0 30.3 45.5



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: 5.04 ng

RT: 12.31 min Scan# 1637

Delta R.T. -0.05 min

Lab File: BG017662.D

Acq: 13 Jun 2015 7:13

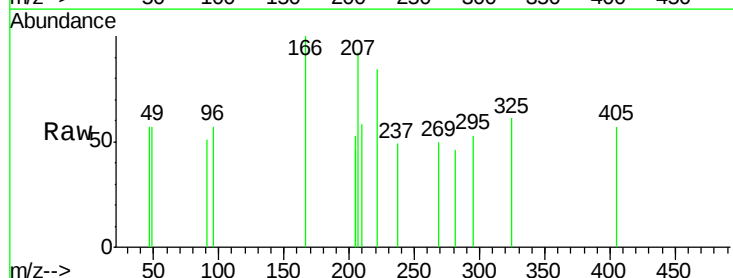
Tgt Ion:237 Resp: 57

Ion Ratio Lower Upper

237 100

235 0.0 46.6 86.6#

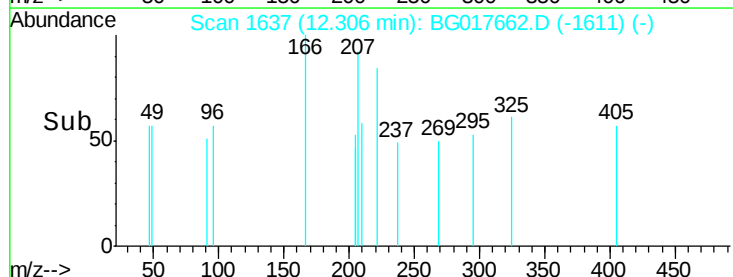
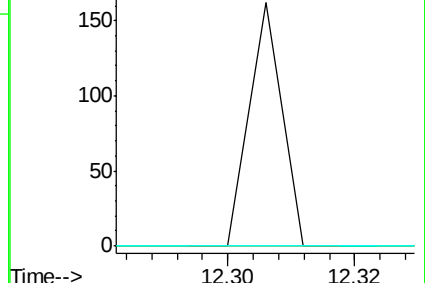
272 0.0 0.0 32.3

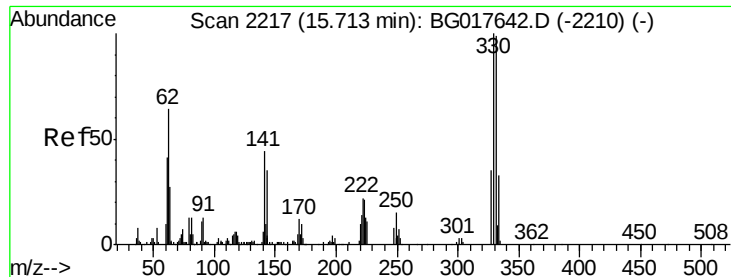


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

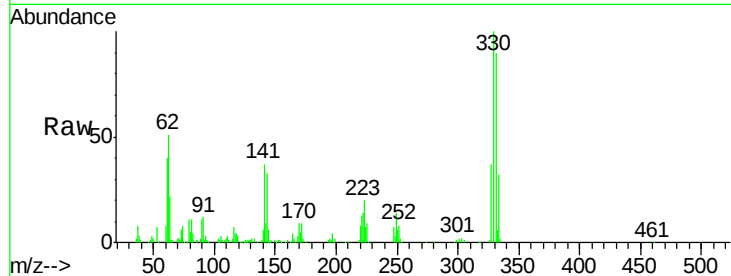




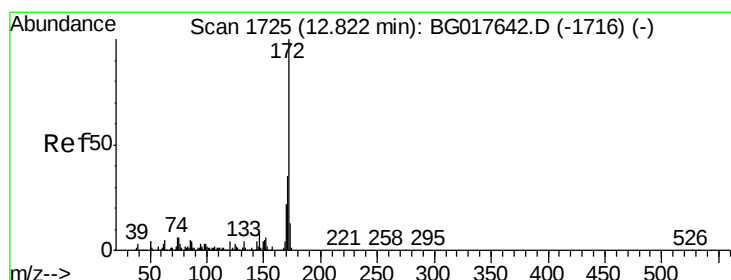
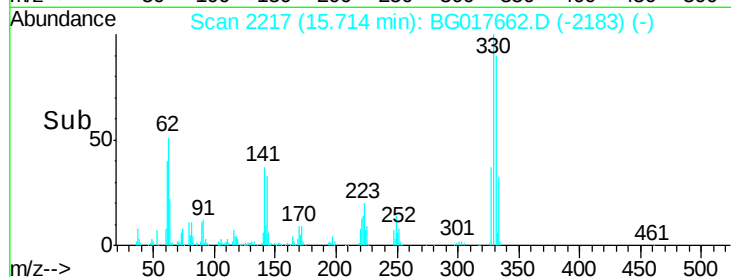
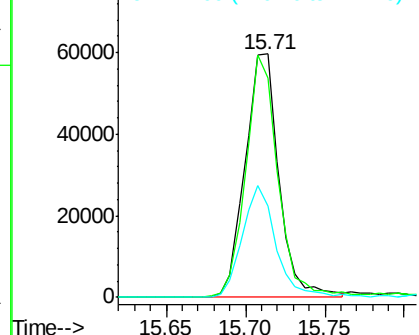
#41
 2,4,6-Tribromophenol
 Concen: 95.88 ng
 RT: 15.71 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG017662.D
 Acq: 13 Jun 2015 7:13

Instrument :
 BNA_G
 ClientSampleId :
 MW-19

Tgt Ion:330 Resp: 88520
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 114.8
 141 45.9 34.6 51.8

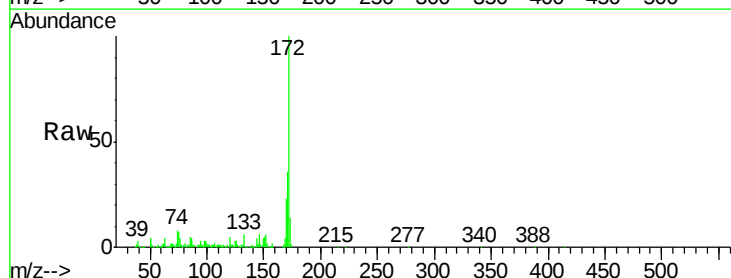


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

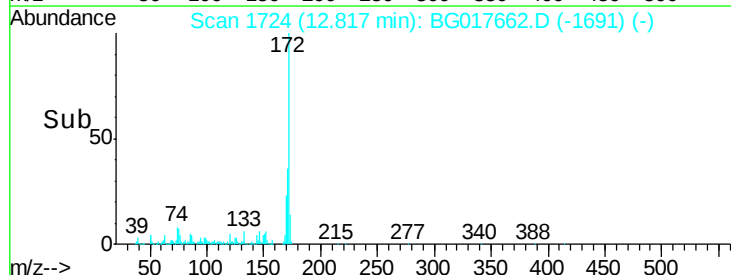
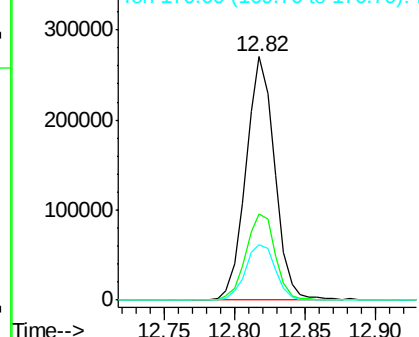


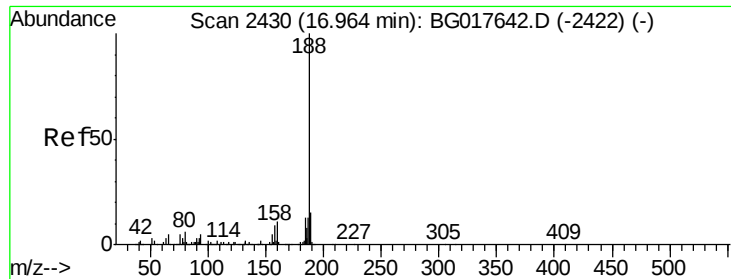
#44
 2-Fluorobiphenyl
 Concen: 99.69 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG017662.D
 Acq: 13 Jun 2015 7:13

Tgt Ion:172 Resp: 385537
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.2 42.2
 170 22.7 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# 2429

Delta R.T. -0.00 min

Lab File: BG017662.D

Acq: 13 Jun 2015 7:13

Instrument :

BNA_G

ClientSampleId :

MW-19

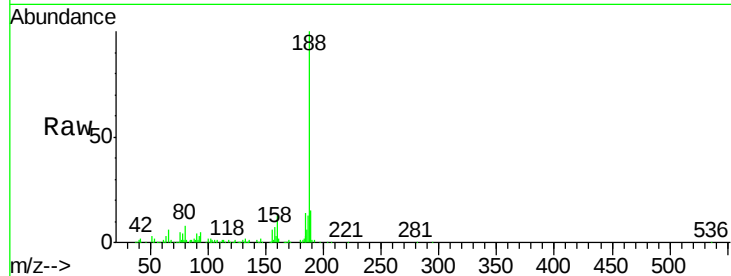
Tgt Ion:188 Resp: 154893

Ion Ratio Lower Upper

188 100

94 4.7 3.9 5.9

80 7.9 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

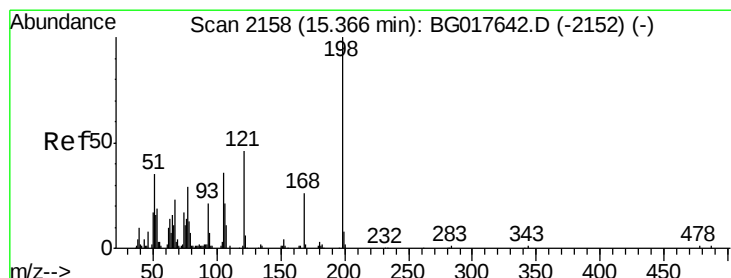
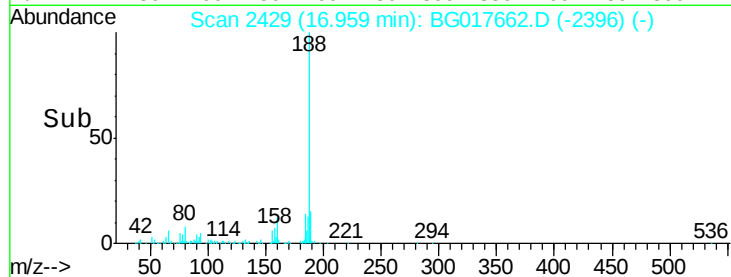
16.96

100000

50000

0

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 5.29 ng

RT: 15.44 min Scan# 2170

Delta R.T. 0.07 min

Lab File: BG017662.D

Acq: 13 Jun 2015 7:13

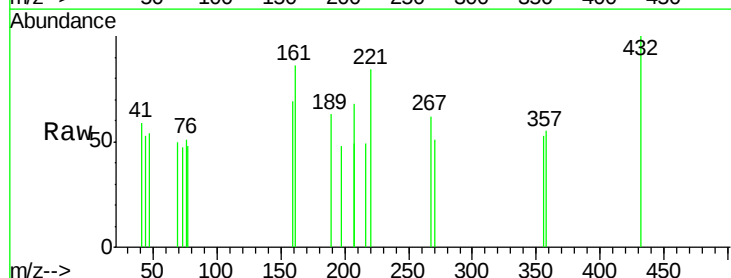
Tgt Ion:198 Resp: 56

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

15.44

300

250

200

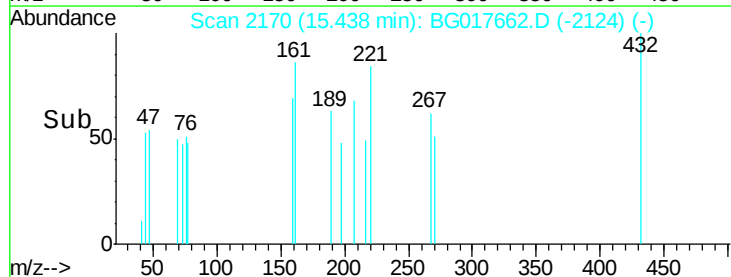
150

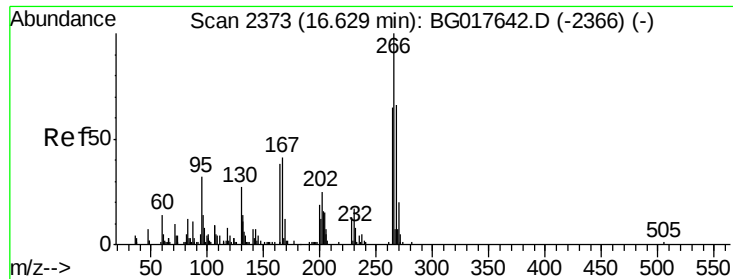
100

50

0

Time-->

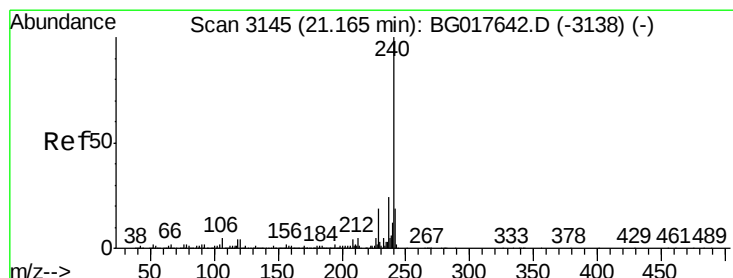
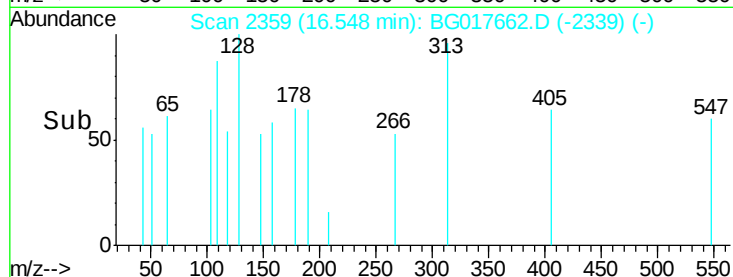
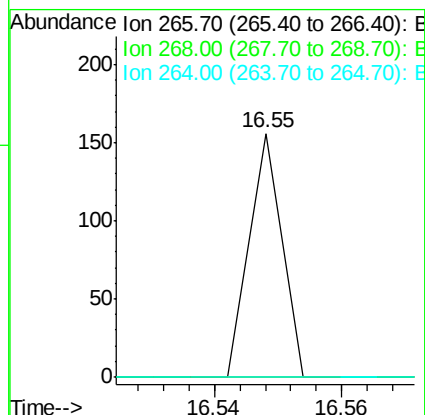
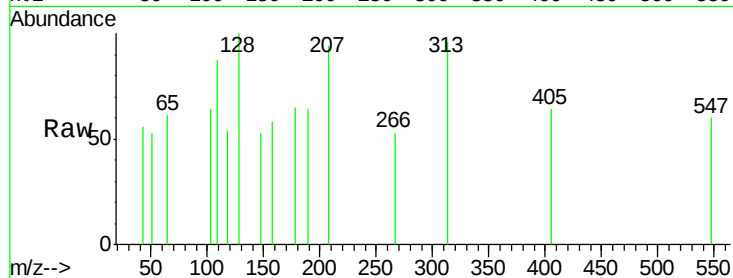




#69
 Pentachlorophenol
 Concen: 6.23 ng
 RT: 16.55 min Scan# 2359
 Delta R.T. -0.08 min
 Lab File: BG017662.D
 Acq: 13 Jun 2015 7:13

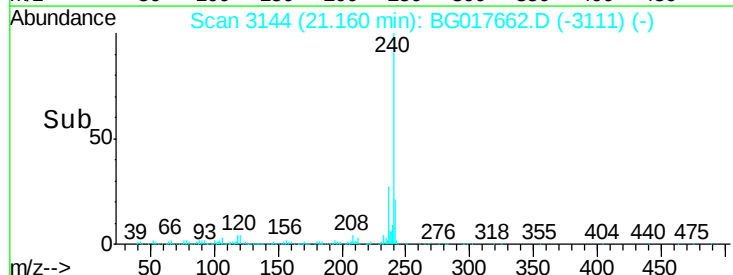
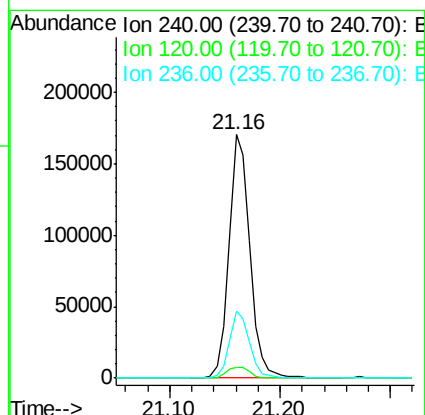
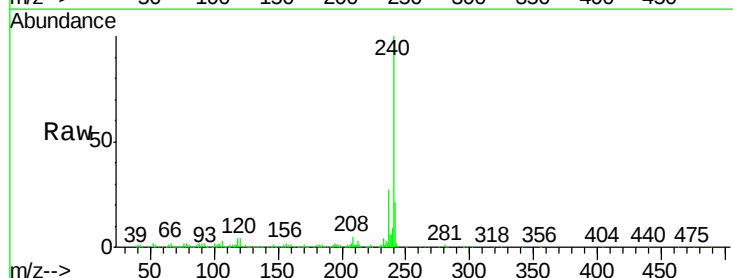
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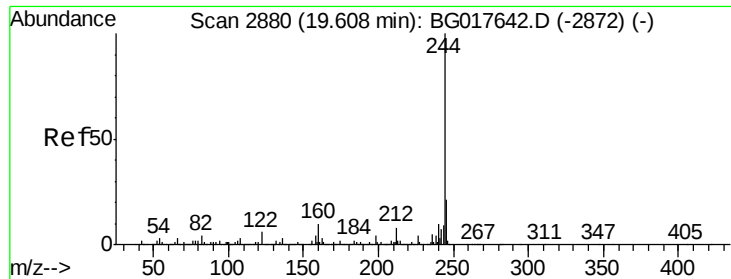
Tgt Ion: 266 Resp: 55
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.7 79.1#
 264 0.0 52.2 78.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.16 min Scan# 3144
 Delta R.T. -0.00 min
 Lab File: BG017662.D
 Acq: 13 Jun 2015 7:13

Tgt Ion: 240 Resp: 226694
 Ion Ratio Lower Upper
 240 100
 120 4.1 3.5 5.3
 236 27.4 19.5 29.3





#78

Terphenyl-d14

Concen: 94.94 ng

RT: 19.61 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG017662.D

Acq: 13 Jun 2015 7:13

Instrument :

BNA_G

ClientSampled :

MW-19

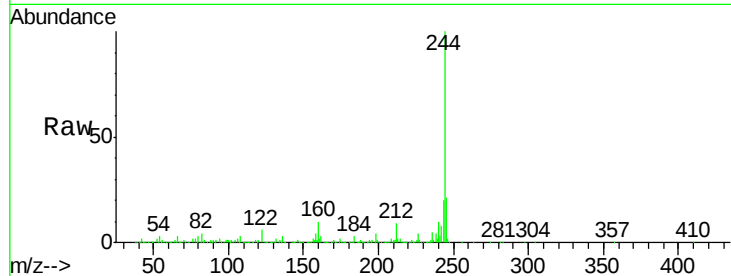
Tgt Ion:244 Resp: 1031741

Ion Ratio Lower Upper

244 100

212 8.6 6.3 9.5

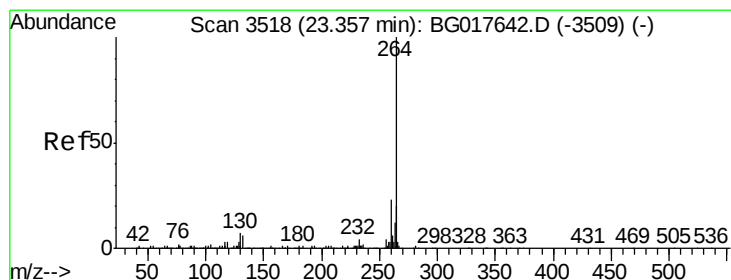
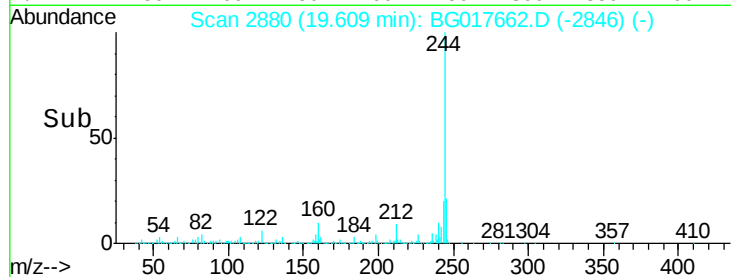
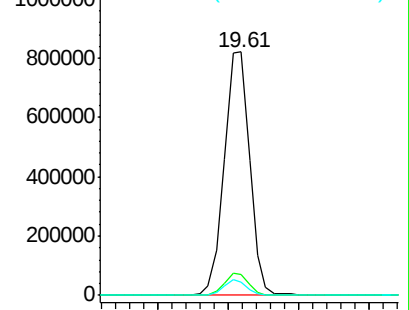
122 5.6 4.6 6.8



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: BG017662.D

Acq: 13 Jun 2015 7:13

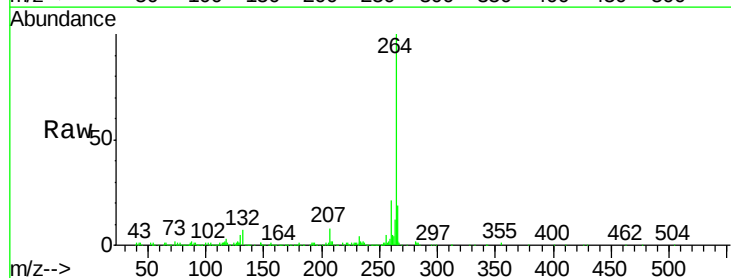
Tgt Ion:264 Resp: 225409

Ion Ratio Lower Upper

264 100

260 21.2 18.3 27.5

265 19.0 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

