

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 04:40:59 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

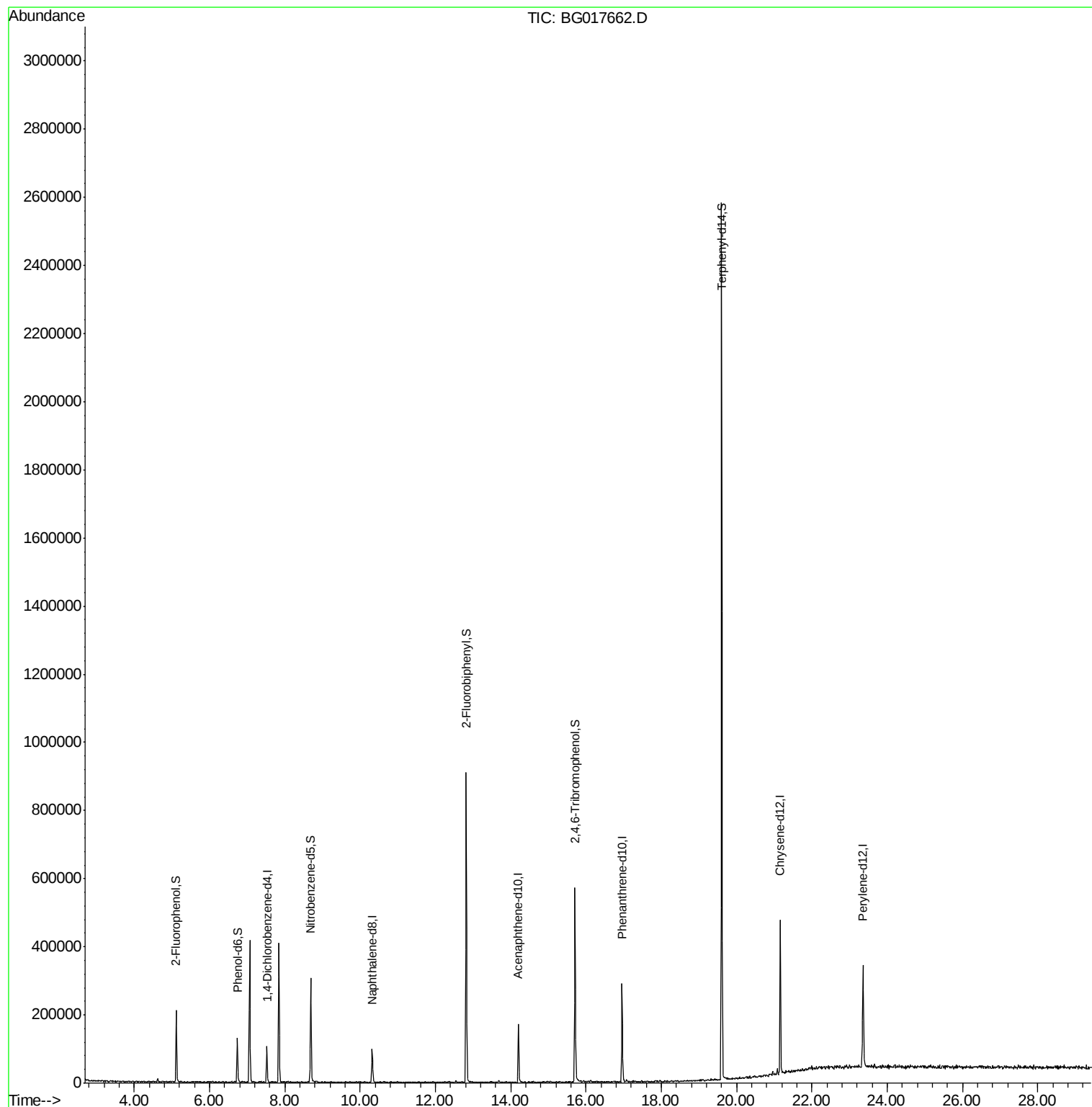
Target Compounds	Qvalue
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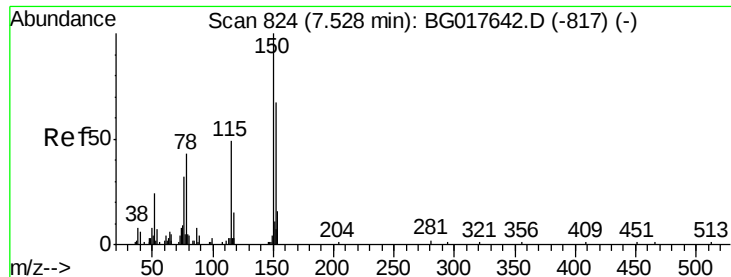
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

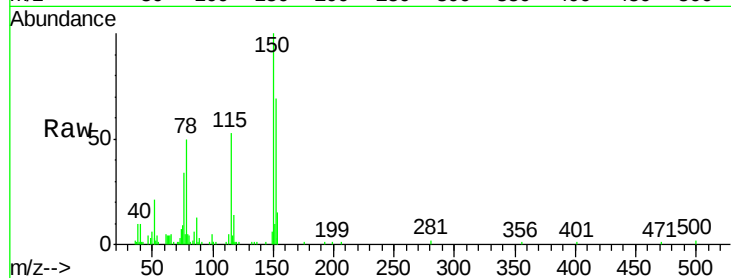
Tgt Ion:152 Resp: 19512

Ion Ratio Lower Upper

152 100

150 144.5 119.4 179.0

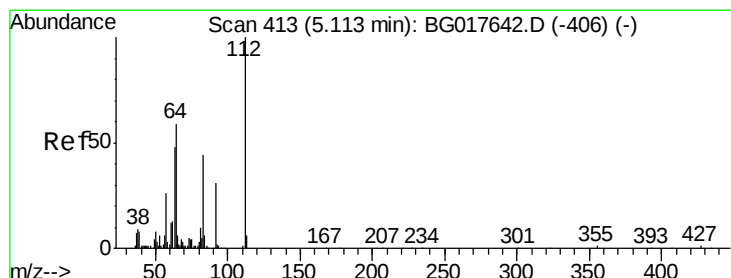
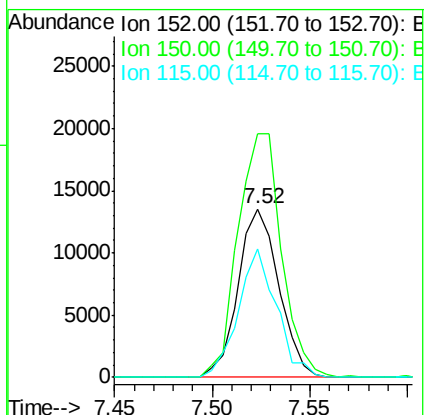
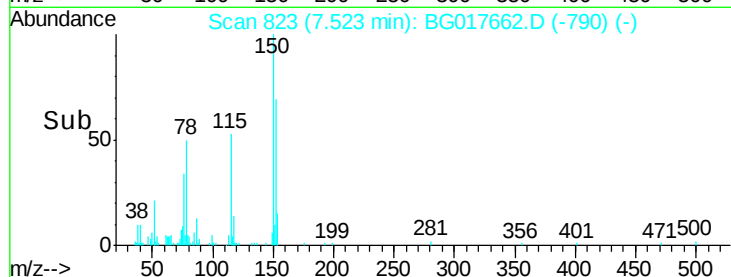
115 76.3 58.2 87.2



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: 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

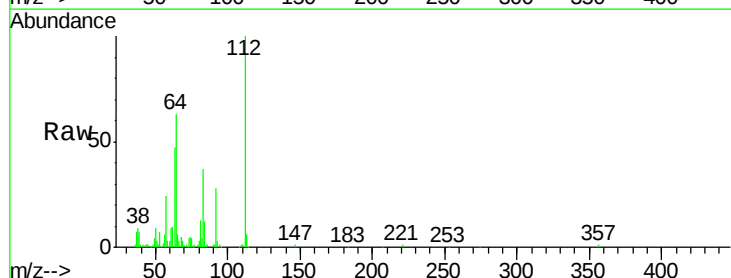
Tgt Ion:112 Resp: 65296

Ion Ratio Lower Upper

112 100

64 62.8 47.0 70.6

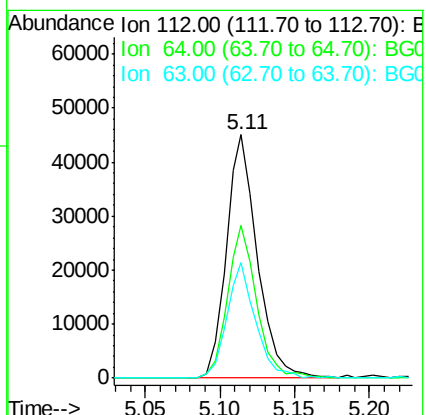
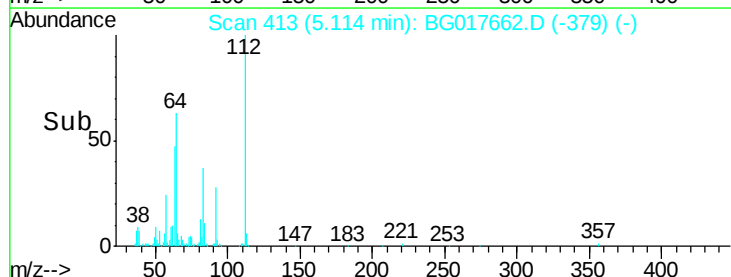
63 47.3 38.6 58.0

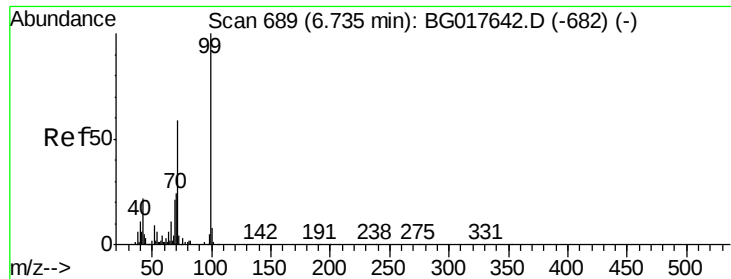


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 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

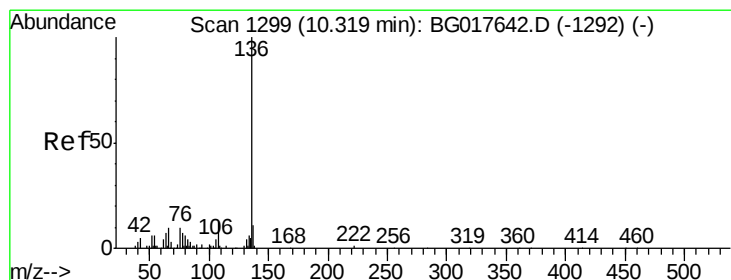
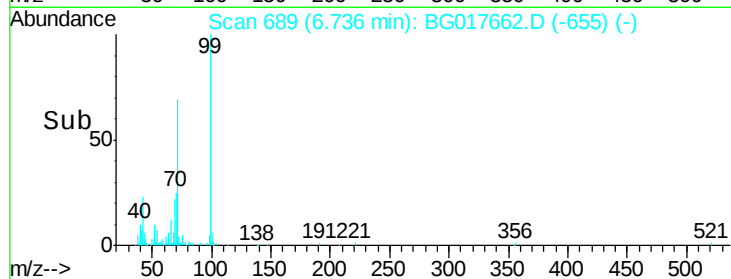
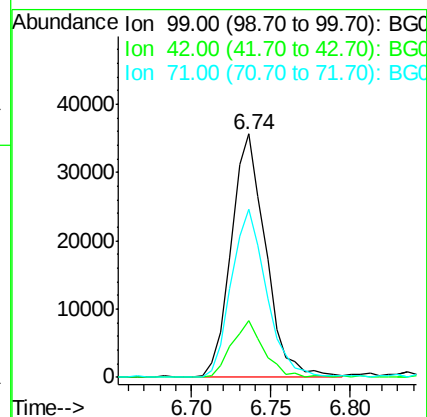
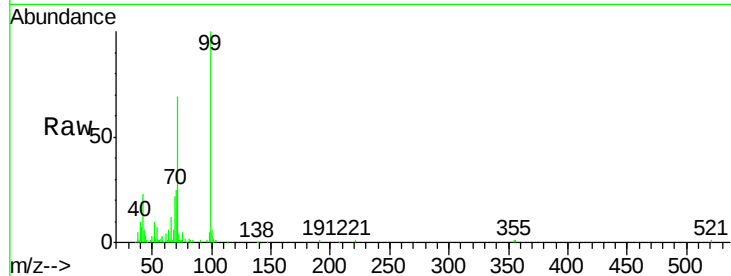
Tgt Ion: 99 Resp: 53714

Ion Ratio Lower Upper

99 100

42 23.2 17.4 26.2

71 69.2 47.4 71.0



#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

Tgt Ion: 136 Resp: 67742

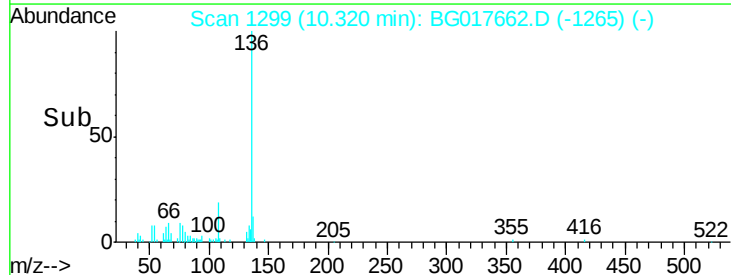
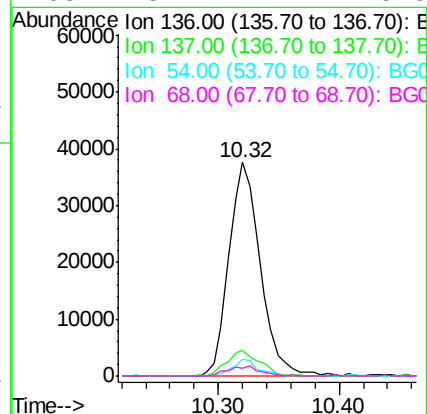
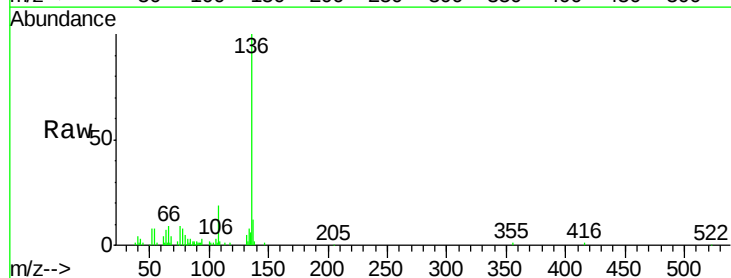
Ion Ratio Lower Upper

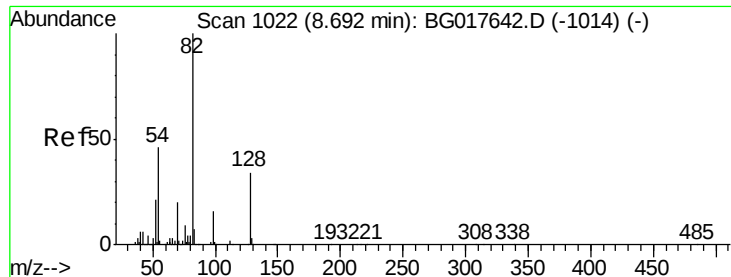
136 100

137 11.9 8.7 13.1

54 7.5 4.7 7.1#

68 3.7 2.4 3.6#

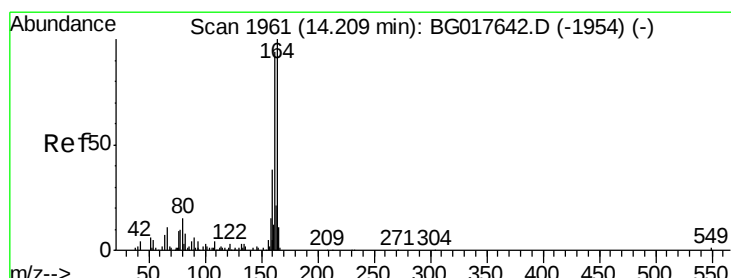
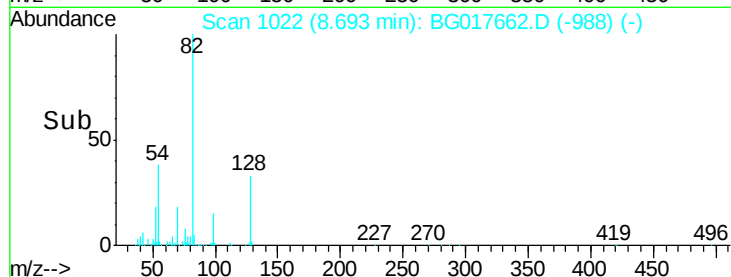
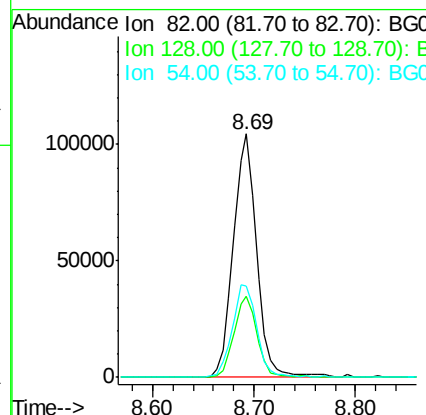
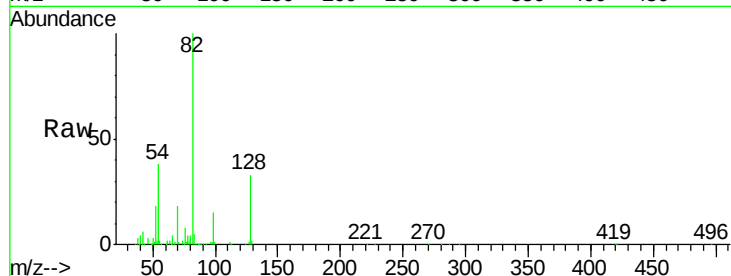




#23
 Nitrobenzene-d5
 Concen: 103.48 ng
 RT: 8.69 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BG017662.D
 Acq: 13 Jun 2015 7:13

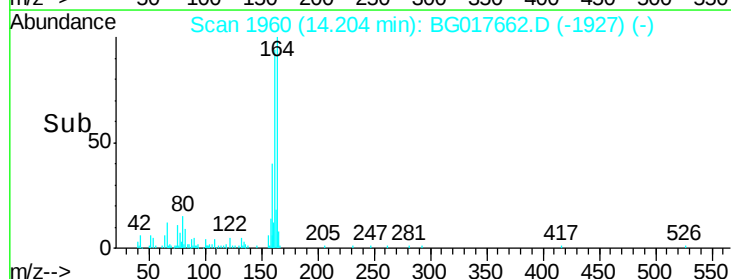
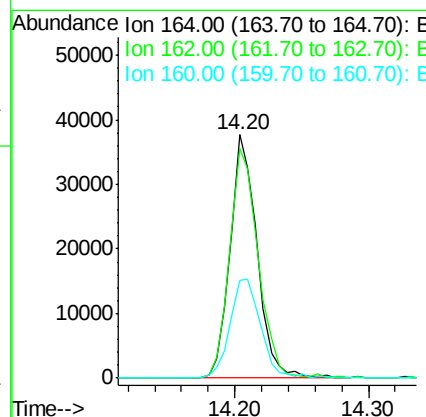
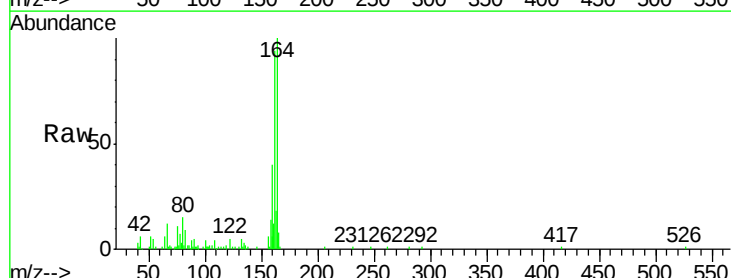
Instrument :
 BNA_G
 ClientSampled :
 MW-19

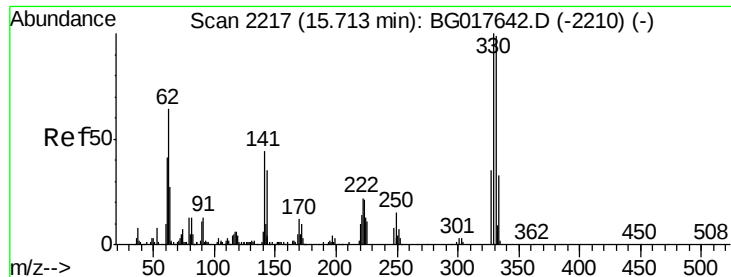
Tgt Ion: 82 Resp: 166988
 Ion Ratio Lower Upper
 82 100
 128 33.4 27.3 40.9
 54 37.6 37.0 55.4



#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

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

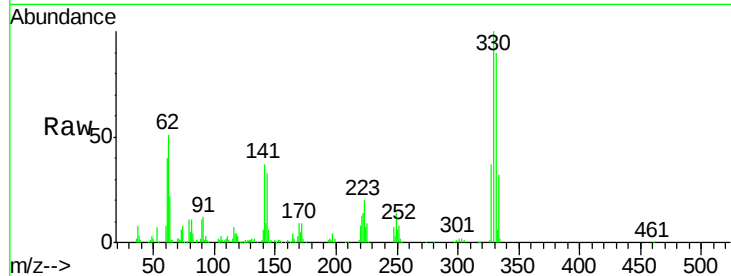




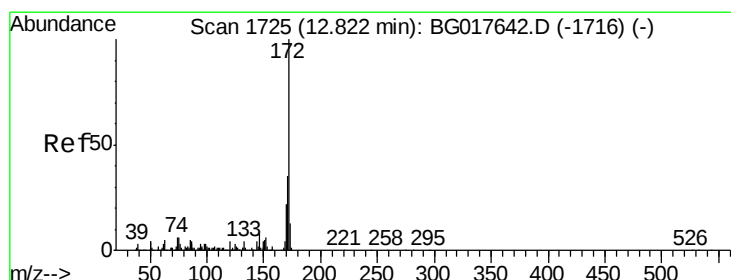
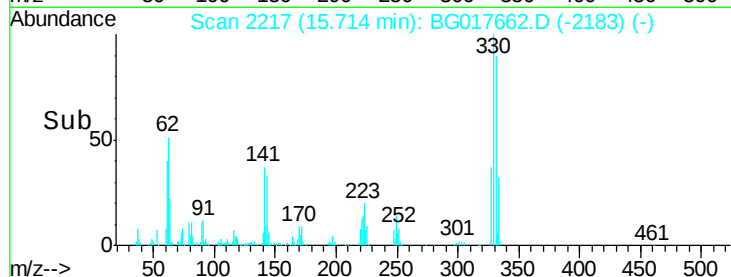
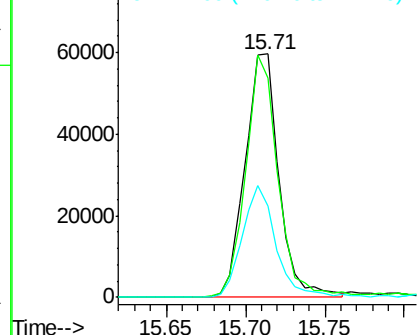
#41
 2,4,6-Tribromophenol
 Concen: 95.88 ng
 RT: 15.71 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG017662.D
 Acq: 13 Jun 2015 7:13

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

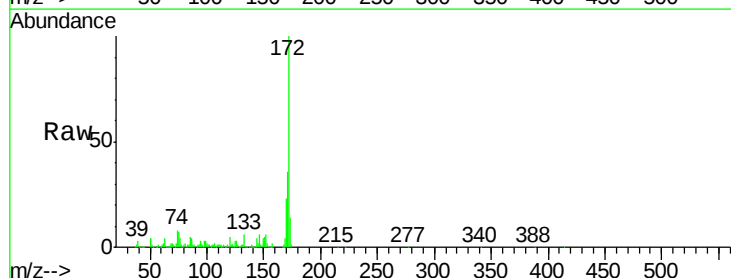


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

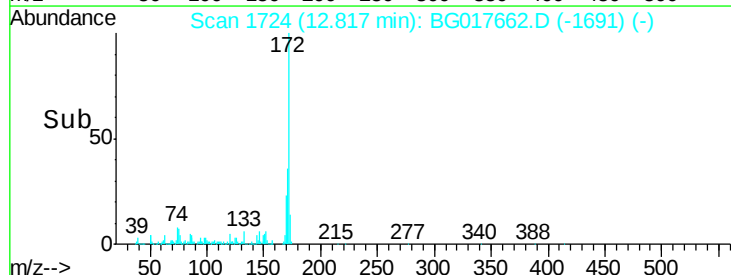
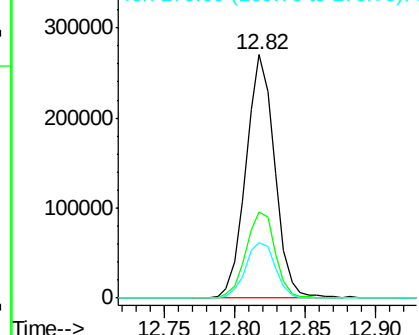


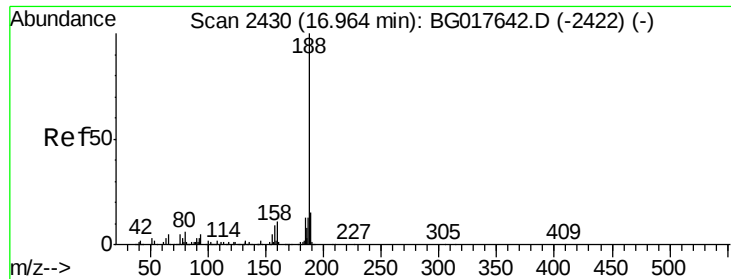
#44
 2-Fluorobiphenyl
 Concen: 99.69 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG017662.D
 Acq: 13 Jun 2015 7:13

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

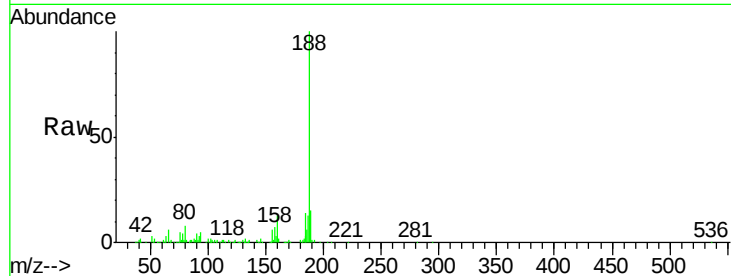
Tgt Ion:188 Resp: 154893

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

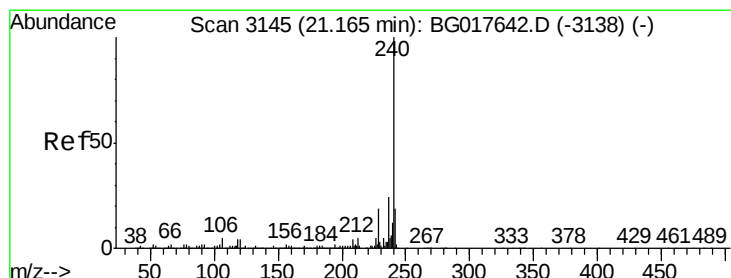
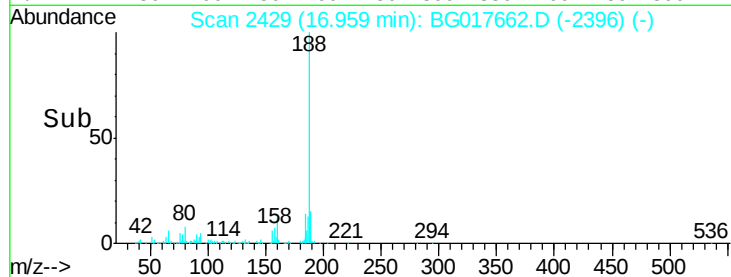
16.96

100000

50000

0

Time-->



#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

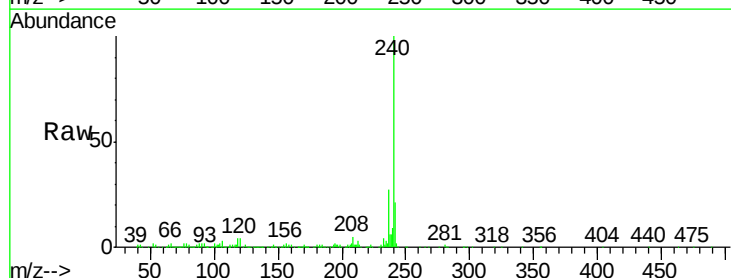
Tgt Ion:240 Resp: 226694

Ion Ratio Lower Upper

240 100

120 4.1 3.5 5.3

236 27.4 19.5 29.3



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

21.16

200000

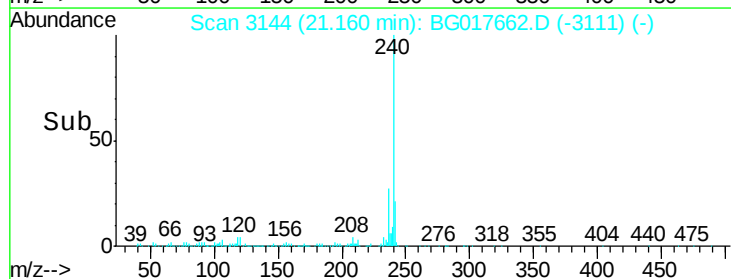
150000

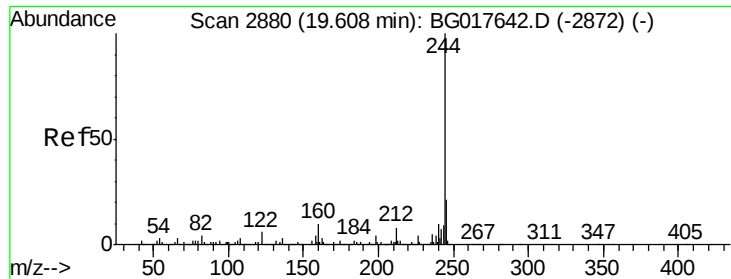
100000

50000

0

Time-->





#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

ClientSampleId :

MW-19

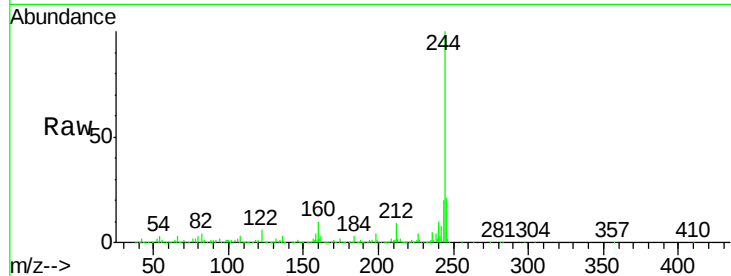
Tgt Ion:244 Resp: 1031741

Ion Ratio Lower Upper

244 100

212 8.6 6.3 9.5

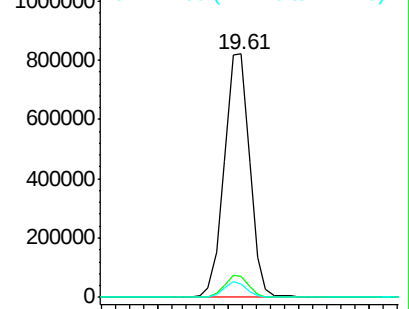
122 5.6 4.6 6.8



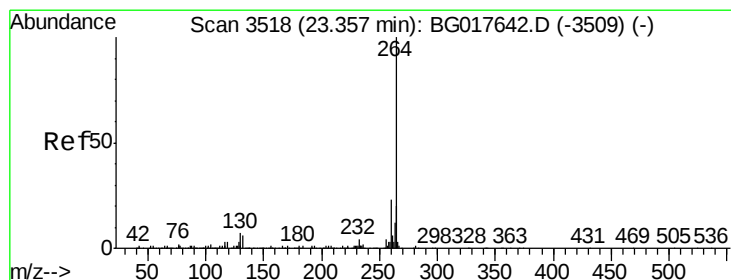
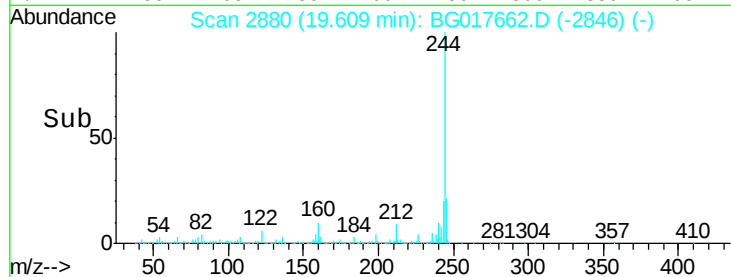
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#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

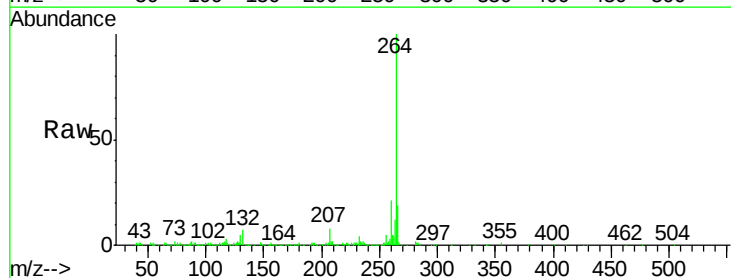
Tgt Ion:264 Resp: 225409

Ion Ratio Lower Upper

264 100

260 21.2 18.3 27.5

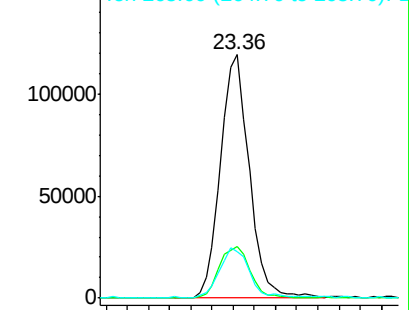
265 19.0 16.2 24.2



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



Time-->

