

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022628.D
 Acq On : 27 Jun 2016 3:24
 Operator : UM/SJ
 Sample : H3733-02
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-15R

Quant Time: Jun 27 07:18:45 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

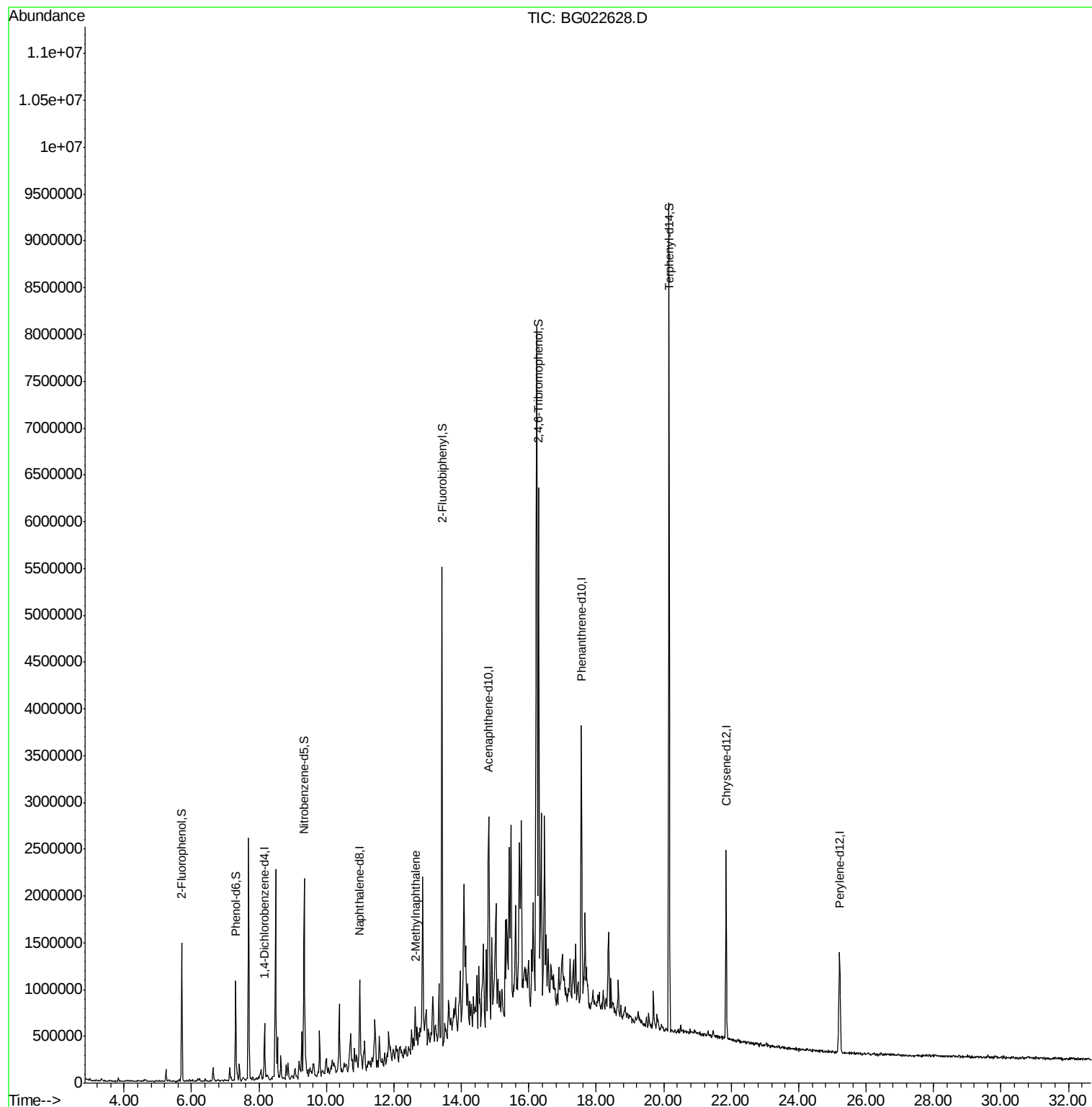
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	148057	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	636689	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	735624	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1115968	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1272208	20.00	ng	0.00
86) Perylene-d12	25.21	264	1311760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	618766	67.03	ng	0.00
7) Phenol-d6	7.31	99	598379	45.99	ng	0.00
23) Nitrobenzene-d5	9.34	82	1300072	86.42	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	989165	85.49	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2429387	52.37	ng	0.00
78) Terphenyl-d14	20.16	244	3156293	65.73	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.63	142	110654	4.46	ng	Qvalue 99

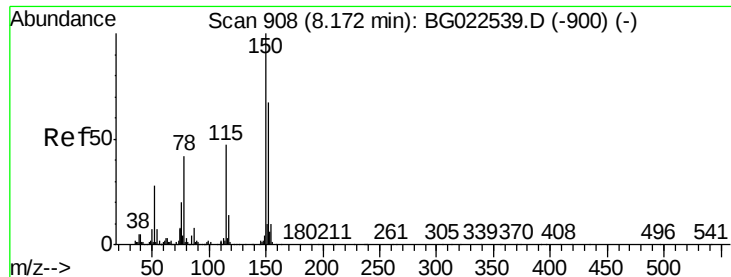
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG022628.D

Acq: 27 Jun 2016 3:24

Instrument :

BNA_G

ClientSampleId :

MW-15R

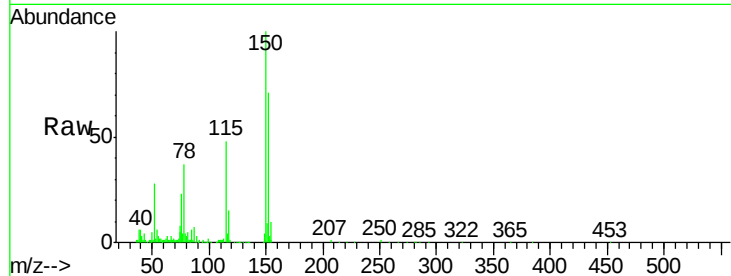
Tgt Ion:152 Resp: 148057

Ion Ratio Lower Upper

152 100

150 141.6 144.7 217.1#

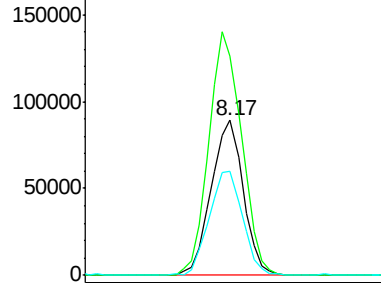
115 67.3 64.0 96.0



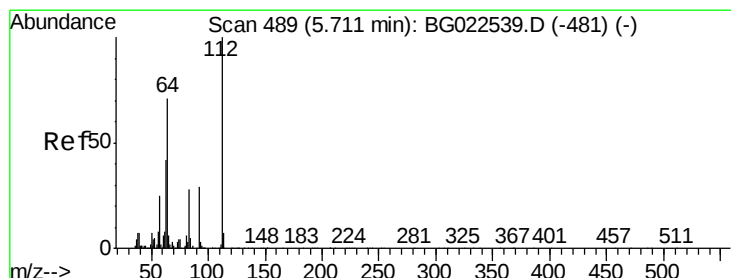
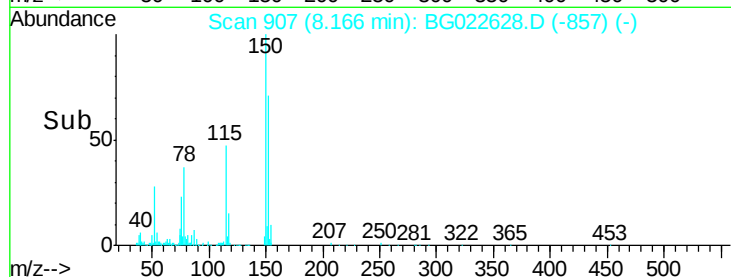
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 67.03 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022628.D

Acq: 27 Jun 2016 3:24

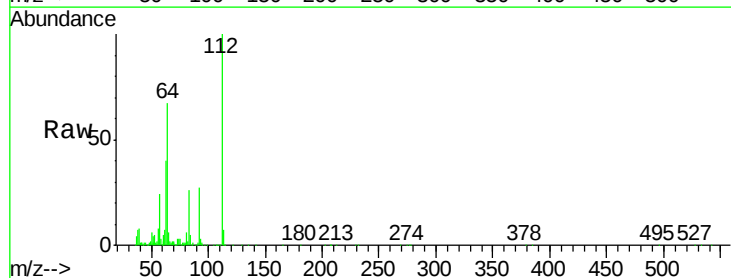
Tgt Ion:112 Resp: 618766

Ion Ratio Lower Upper

112 100

64 66.9 59.0 88.4

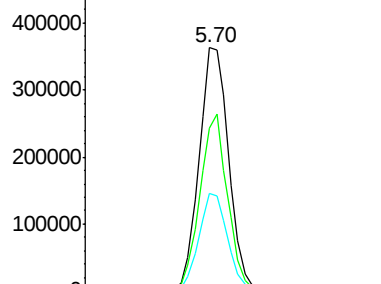
63 40.2 37.8 56.8



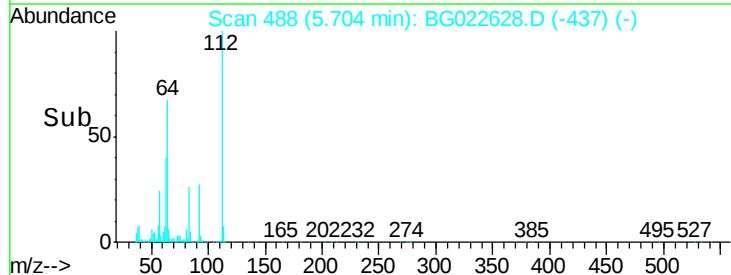
Abundance Ion 112.00 (111.70 to 112.70): E

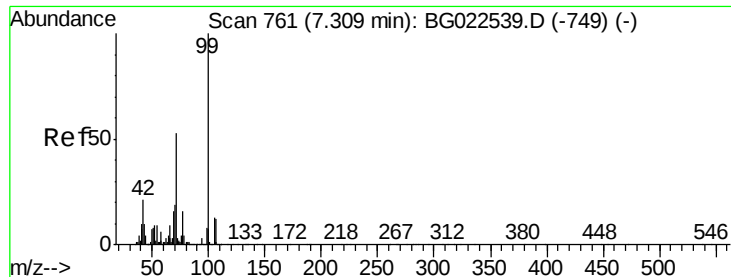
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



Time-->





#7

Phenol-d6

Concen: 45.99 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022628.D

Acq: 27 Jun 2016 3:24

Instrument :

BNA_G

ClientSampleId :

MW-15R

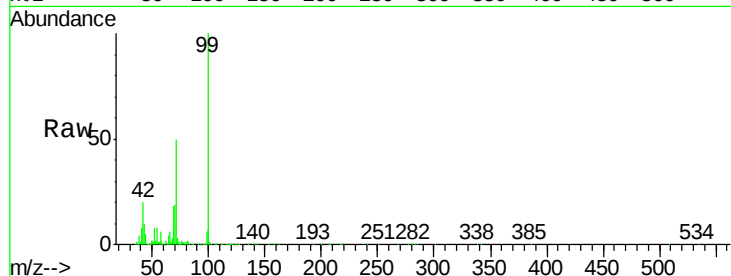
Tgt Ion: 99 Resp: 598379

Ion Ratio Lower Upper

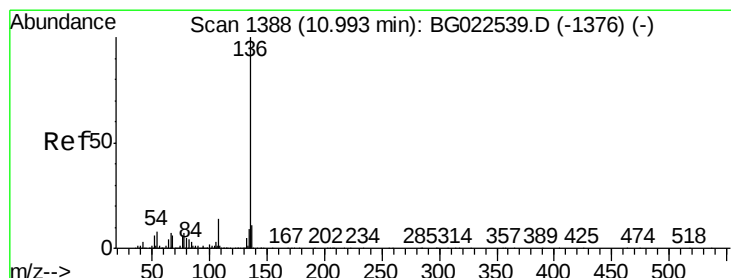
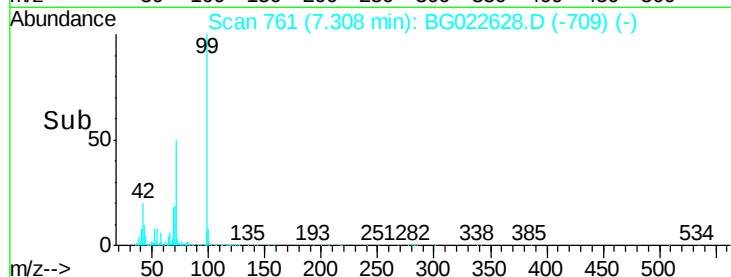
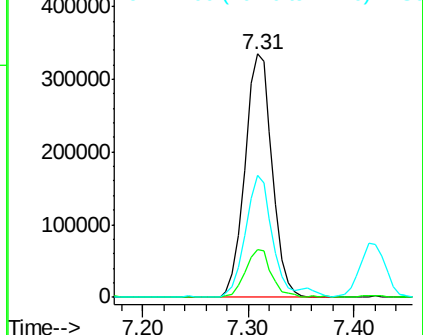
99 100

42 19.7 17.8 26.6

71 50.1 41.5 62.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BG022628.D

Acq: 27 Jun 2016 3:24

Tgt Ion: 136 Resp: 636689

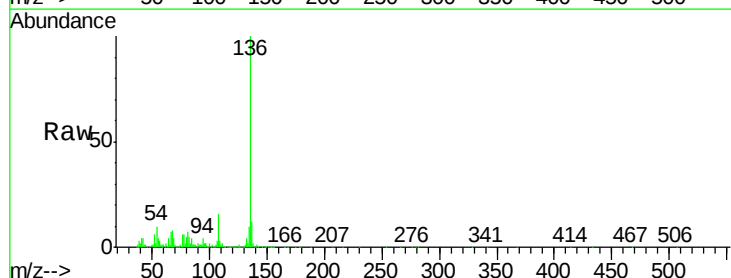
Ion Ratio Lower Upper

136 100

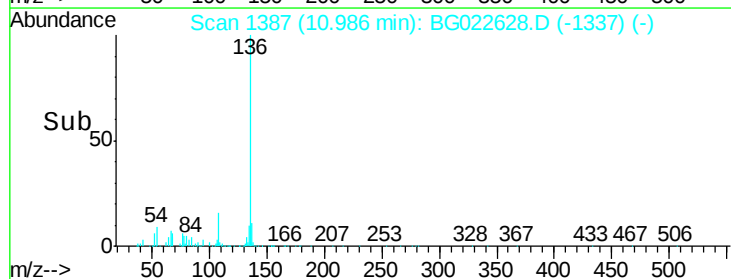
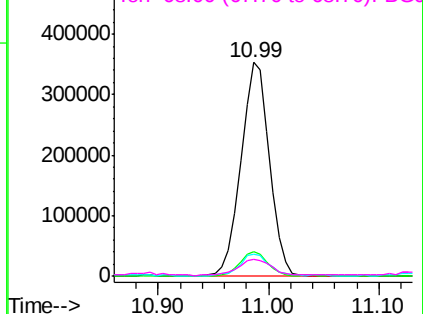
137 11.6 9.6 14.4

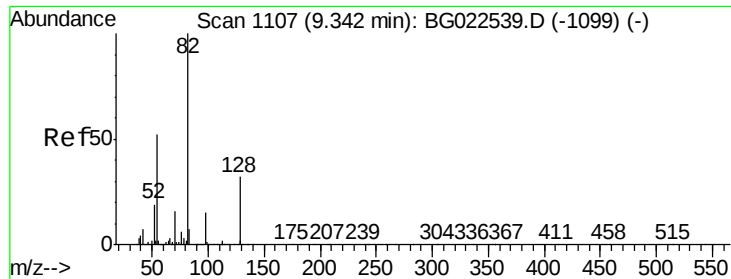
54 10.0 7.3 10.9

68 7.7 5.3 7.9



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

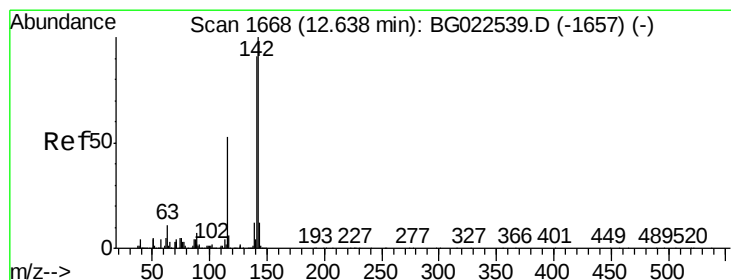
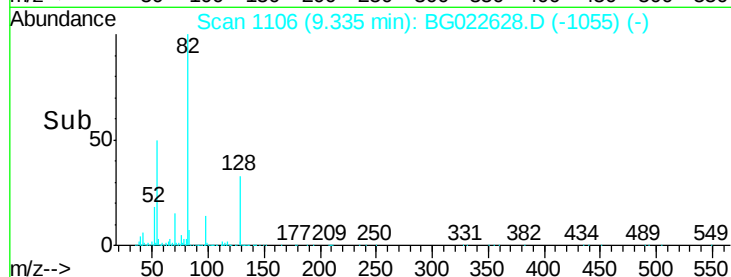
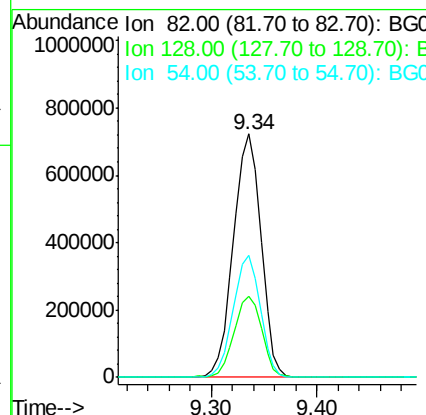
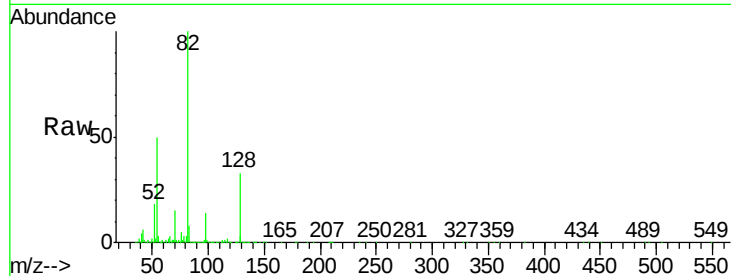




#23
 Nitrobenzene-d5
 Concen: 86.42 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BG022628.D
 Acq: 27 Jun 2016 3:24

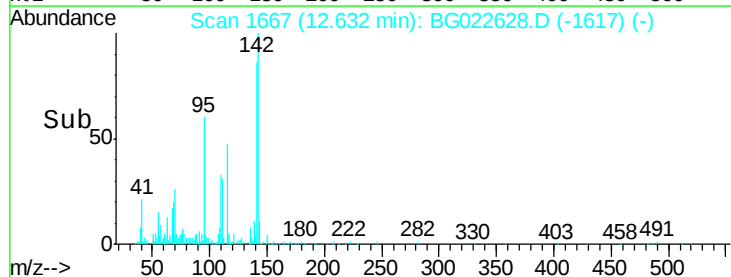
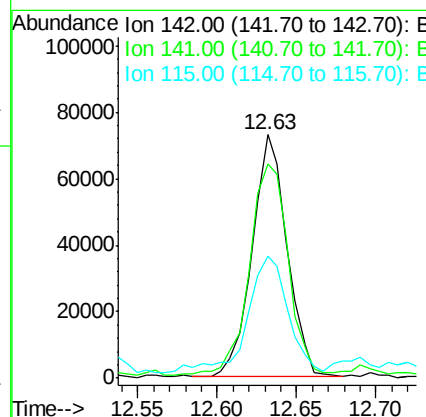
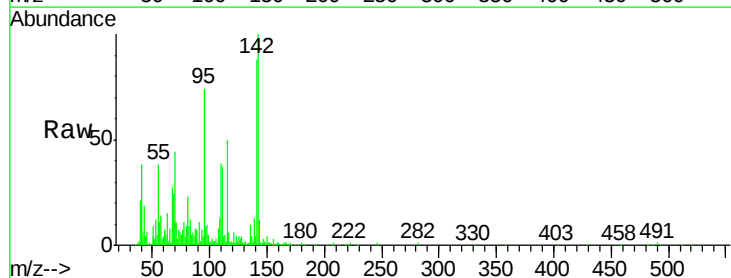
Instrument :
 BNA_G
 ClientSampleId :
 MW-15R

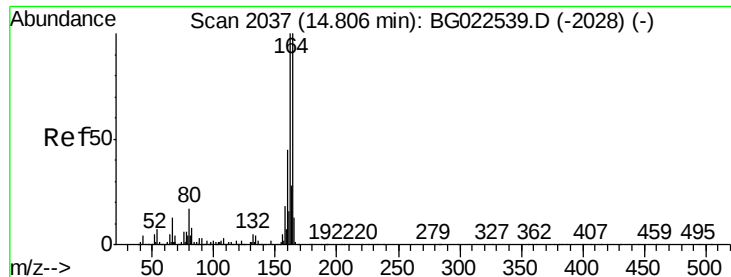
Tgt Ion: 82 Resp: 1300072
 Ion Ratio Lower Upper
 82 100
 128 33.2 24.4 36.6
 54 50.3 41.4 62.0



#37
 2-Methylnaphthalene
 Concen: 4.46 ng
 RT: 12.63 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BG022628.D
 Acq: 27 Jun 2016 3:24

Tgt Ion: 142 Resp: 110654
 Ion Ratio Lower Upper
 142 100
 141 88.1 70.2 105.2
 115 50.2 41.7 62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG022628.D

Acq: 27 Jun 2016 3:24

Instrument :

BNA_G

ClientSampleId :

MW-15R

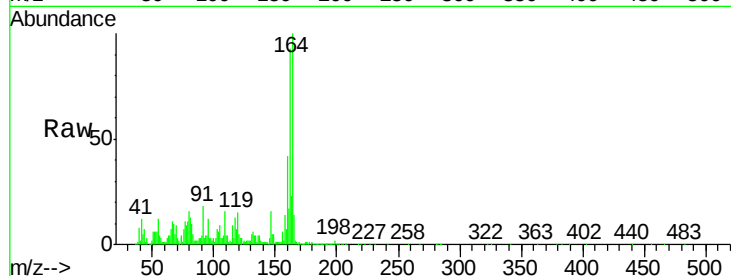
Tgt Ion:164 Resp: 735624

Ion Ratio Lower Upper

164 100

162 93.4 87.7 131.5

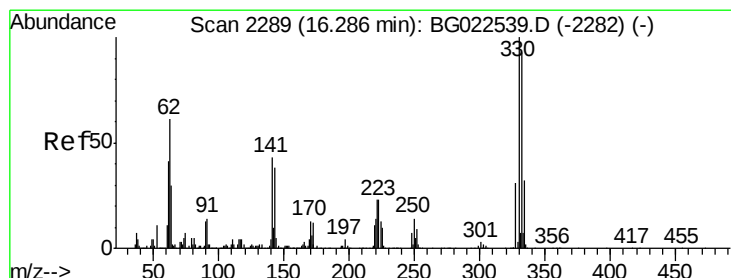
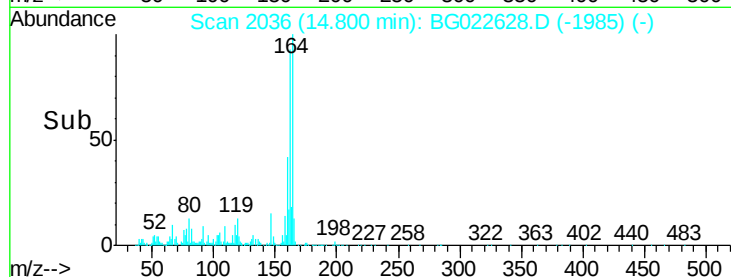
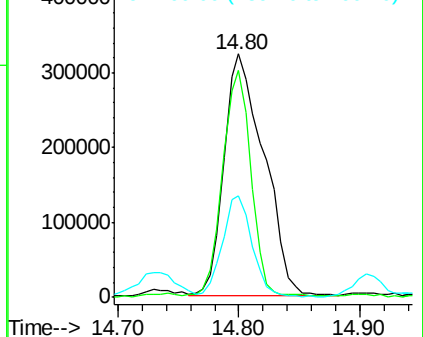
160 42.0 37.2 55.8



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



#41

2,4,6-Tribromophenol

Concen: 85.49 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG022628.D

Acq: 27 Jun 2016 3:24

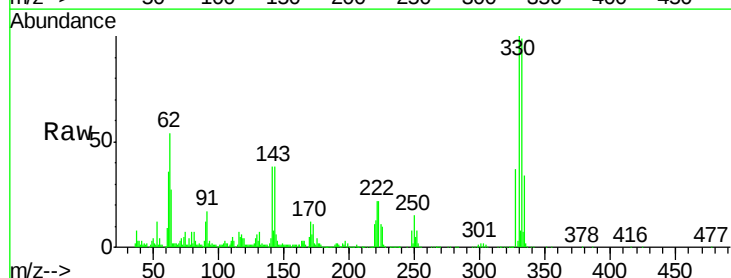
Tgt Ion:330 Resp: 989165

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

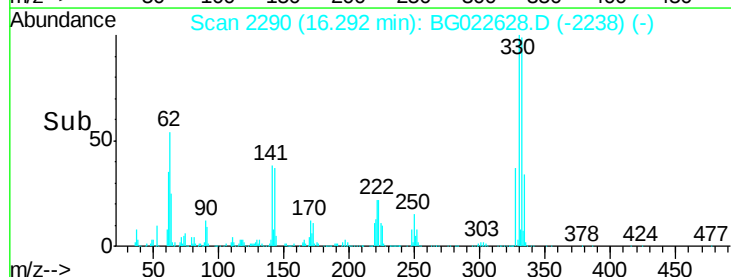
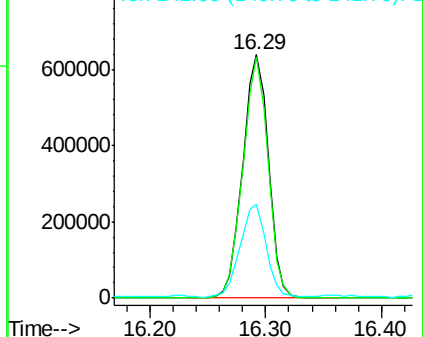
141 38.7 31.7 47.5

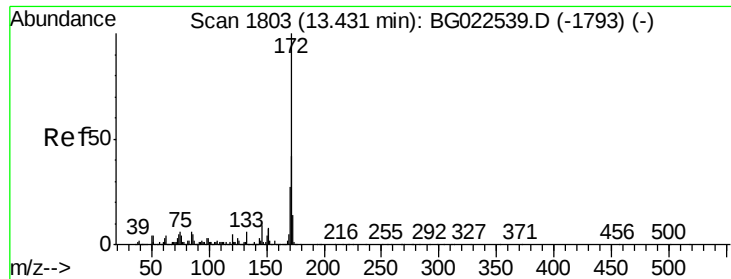


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

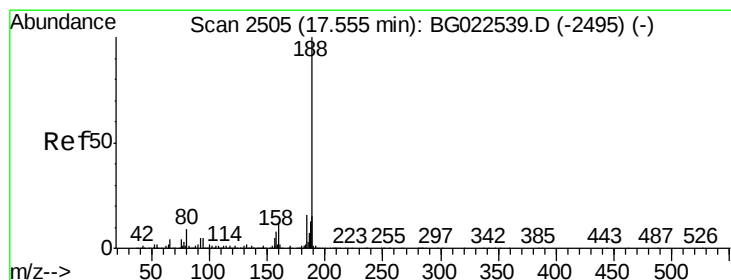
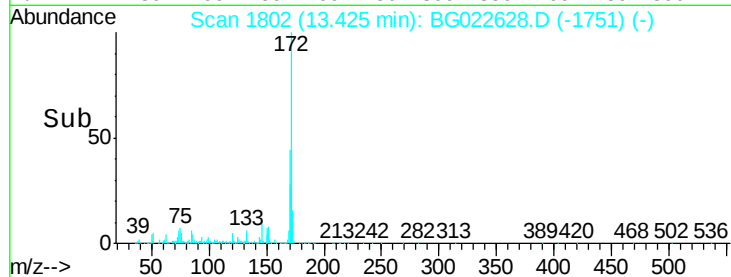
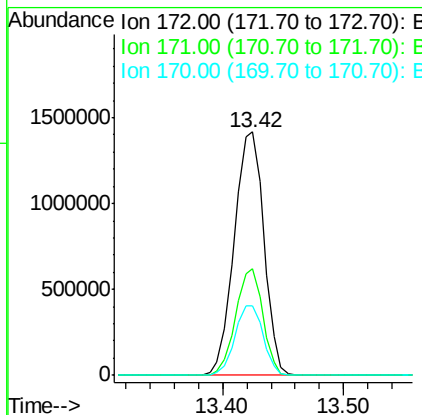
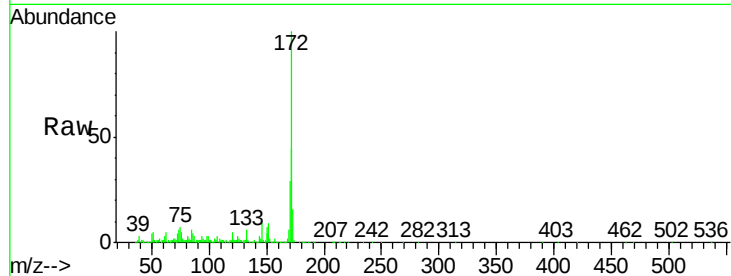




#44
2-Fluorobiphenyl
Concen: 52.37 ng
RT: 13.42 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG022628.D
Acq: 27 Jun 2016 3:24

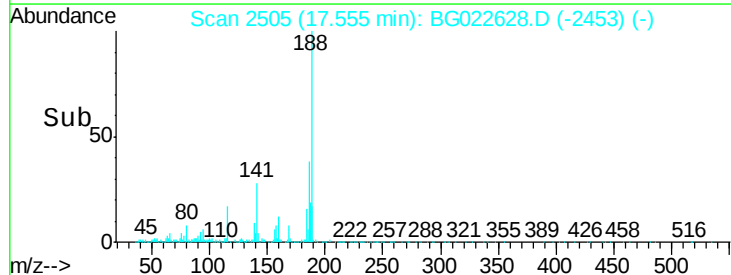
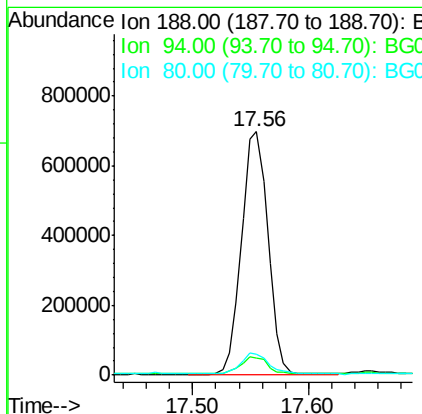
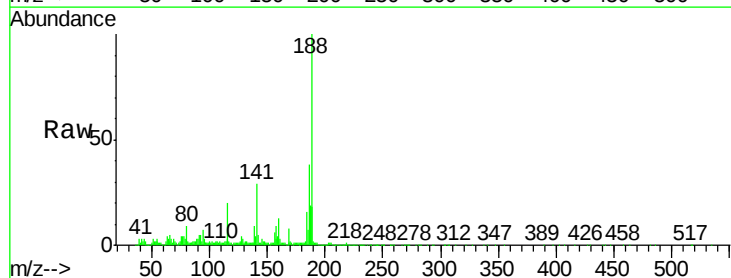
Instrument :
BNA_G
ClientSampleId :
MW-15R

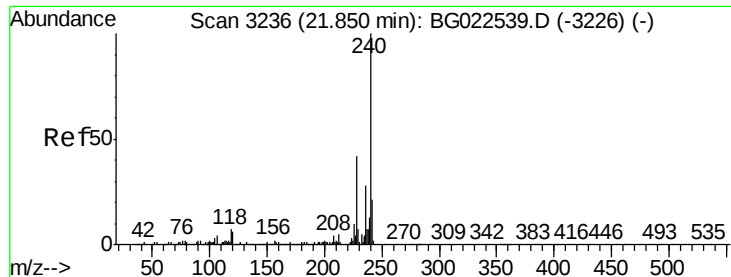
Tgt Ion:172 Resp: 2429387
Ion Ratio Lower Upper
172 100
171 44.0 31.6 47.4
170 28.5 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BG022628.D
Acq: 27 Jun 2016 3:24

Tgt Ion:188 Resp: 1115968
Ion Ratio Lower Upper
188 100
94 7.2 5.2 7.8
80 8.5 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG022628.D

Acq: 27 Jun 2016 3:24

Instrument :

BNA_G

ClientSampleId :

MW-15R

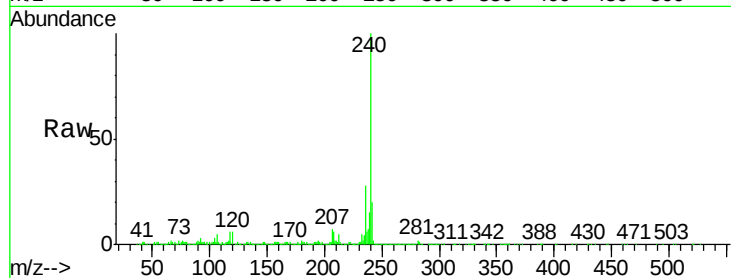
Tgt Ion:240 Resp: 1272208

Ion Ratio Lower Upper

240 100

120 5.9 4.1 6.1

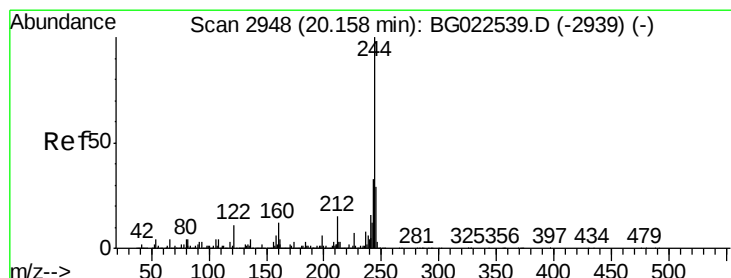
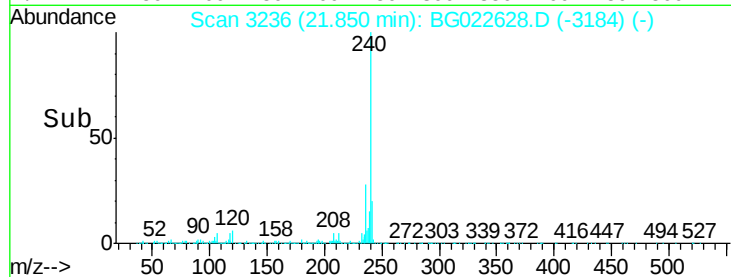
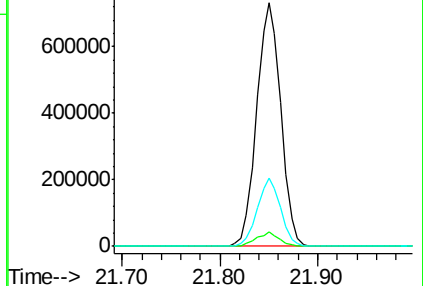
236 27.9 21.1 31.7



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: 65.73 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022628.D

Acq: 27 Jun 2016 3:24

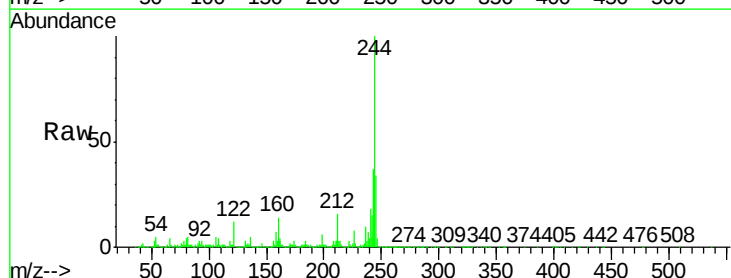
Tgt Ion:244 Resp: 3156293

Ion Ratio Lower Upper

244 100

212 15.7 10.8 16.2

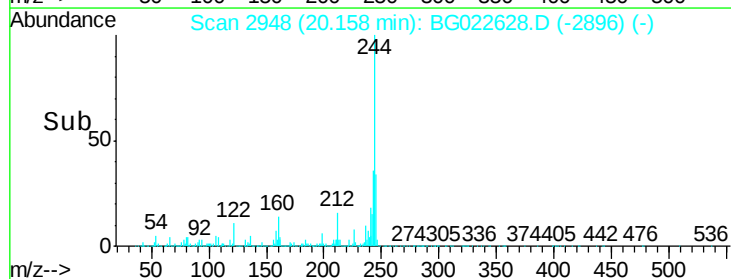
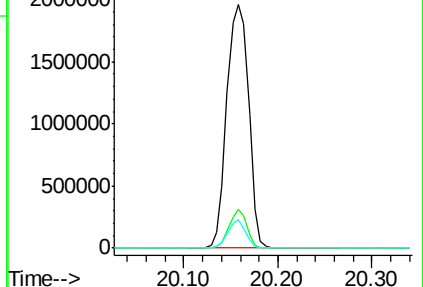
122 11.6 8.0 12.0

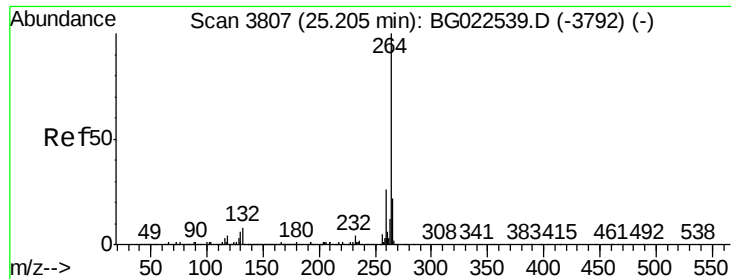


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.21 min Scan# 3808
Delta R.T. 0.00 min
Lab File: BG022628.D
Acq: 27 Jun 2016 3:24

Instrument :
BNA_G
ClientSampleId :
MW-15R

Tgt Ion: 264 Resp: 1311760

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	23.1	18.9	28.3

