

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022627.D
 Acq On : 27 Jun 2016 2:44
 Operator : UM/SJ
 Sample : H3733-01
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-14

Quant Time: Jun 27 07:16:33 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

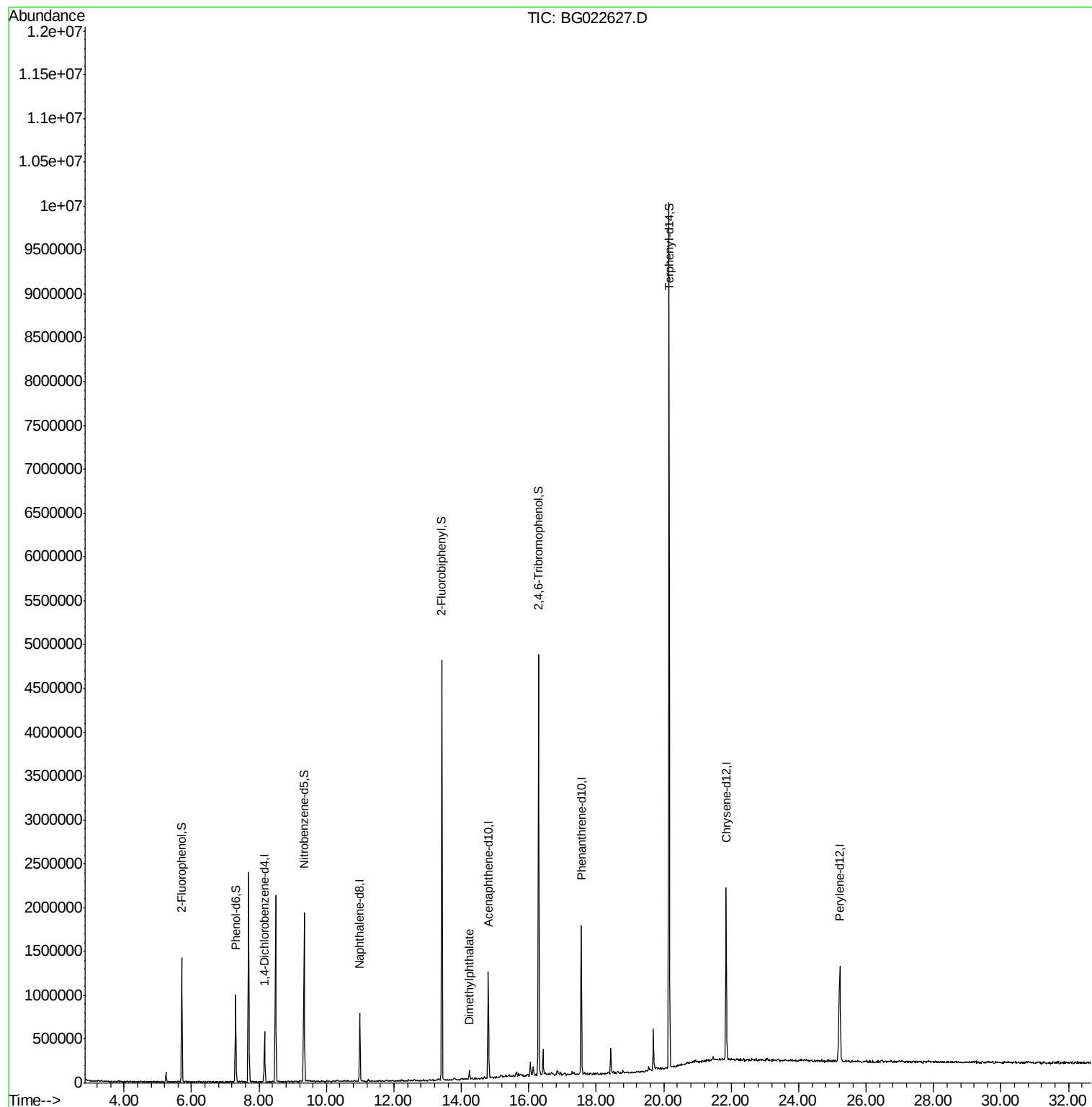
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	143435	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	584547	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	408516	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1045529	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1226650	20.00	ng	0.00
86) Perylene-d12	25.22	264	1292701	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	577922	64.63	ng	0.00
7) Phenol-d6	7.31	99	553442	43.91	ng	0.00
23) Nitrobenzene-d5	9.34	82	1228346	88.94	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	893243	139.02	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2265325	87.94	ng	0.00
78) Terphenyl-d14	20.16	244	3256455	70.34	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	68425	2.02	ng	Qvalue # 94

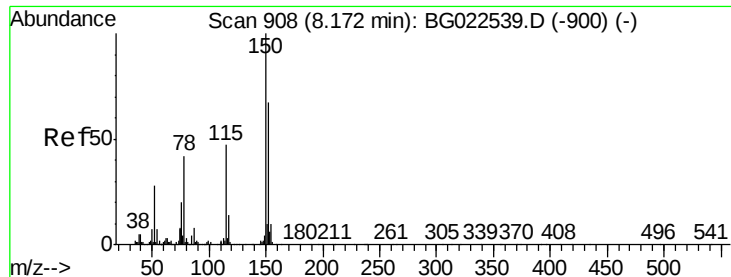
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022627.D

Acq: 27 Jun 2016 2:44

Instrument :

BNA_G

ClientSampleId :

MW-14

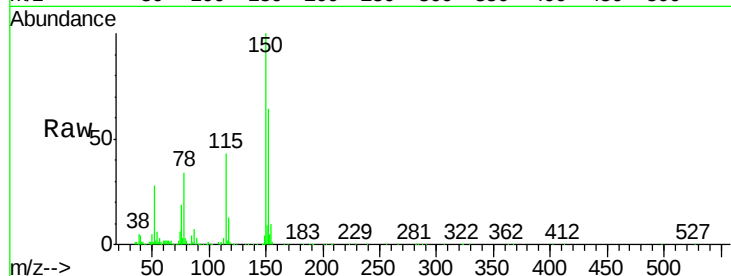
Tgt Ion:152 Resp: 143435

Ion Ratio Lower Upper

152 100

150 155.6 144.7 217.1

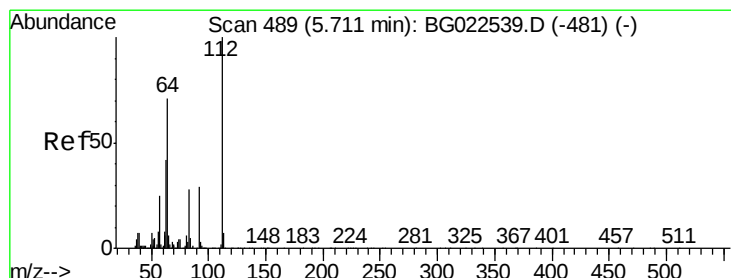
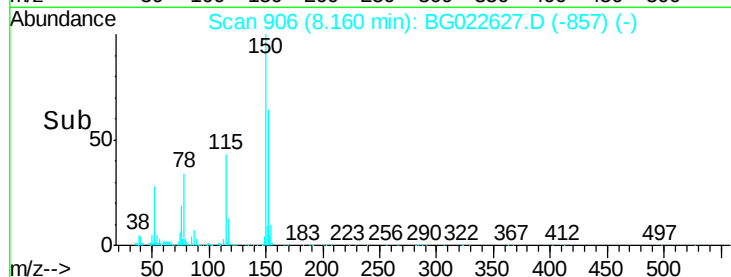
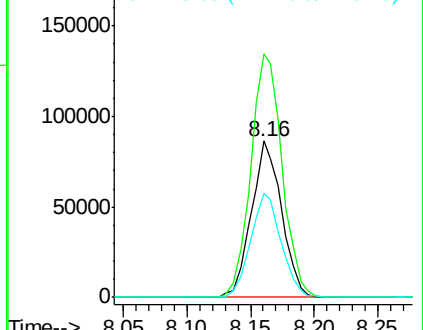
115 66.8 64.0 96.0



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



#5

2-Fluorophenol

Concen: 64.63 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022627.D

Acq: 27 Jun 2016 2:44

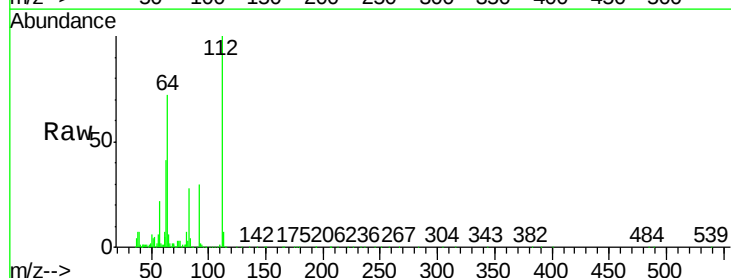
Tgt Ion:112 Resp: 577922

Ion Ratio Lower Upper

112 100

64 72.3 59.0 88.4

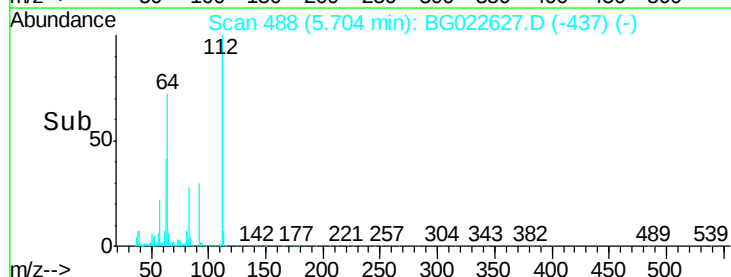
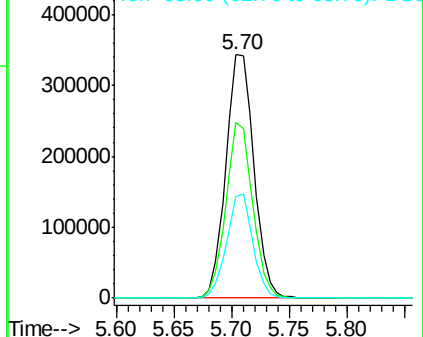
63 41.5 37.8 56.8

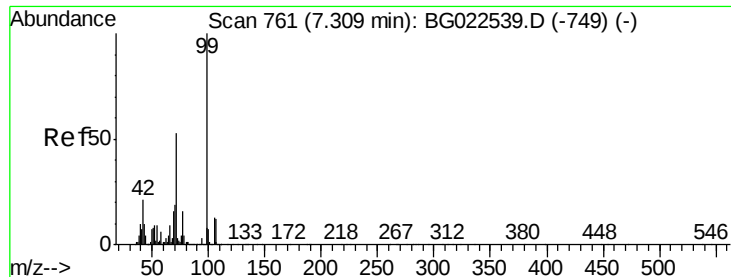


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 43.91 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022627.D

Acq: 27 Jun 2016 2:44

Instrument :

BNA_G

ClientSampleId :

MW-14

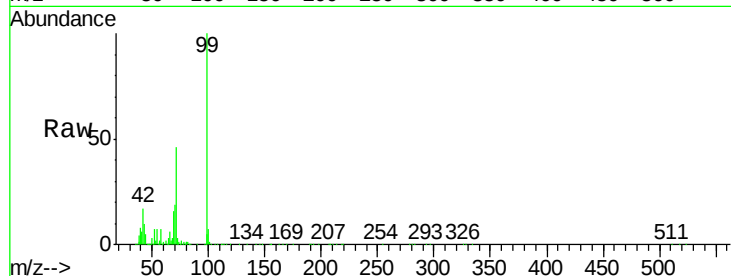
Tgt Ion: 99 Resp: 553442

Ion Ratio Lower Upper

99 100

42 16.6 17.8 26.6#

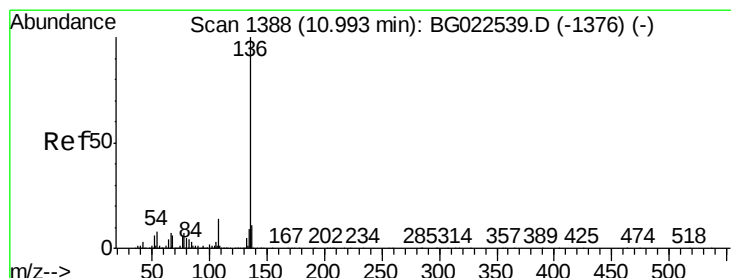
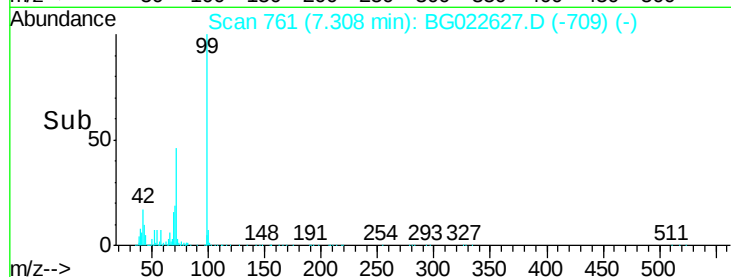
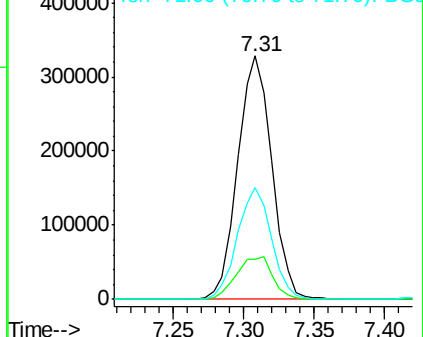
71 45.8 41.5 62.3



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: BG022627.D

Acq: 27 Jun 2016 2:44

Tgt Ion: 136 Resp: 584547

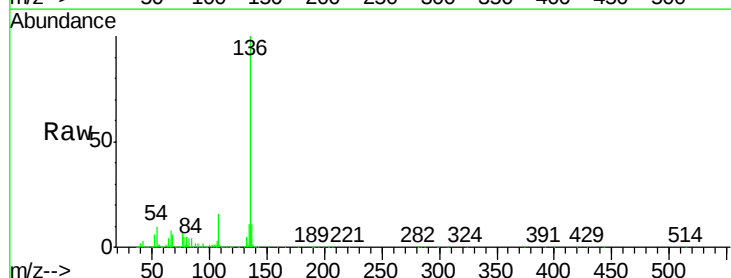
Ion Ratio Lower Upper

136 100

137 10.9 9.6 14.4

54 9.5 7.3 10.9

68 5.7 5.3 7.9

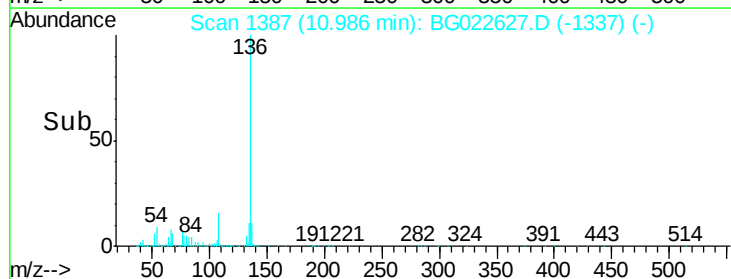
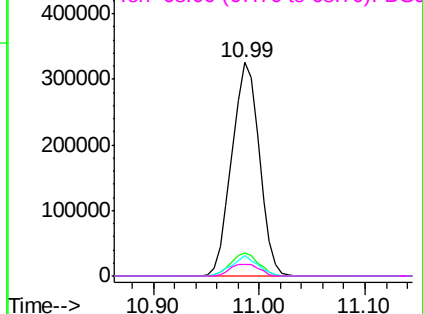


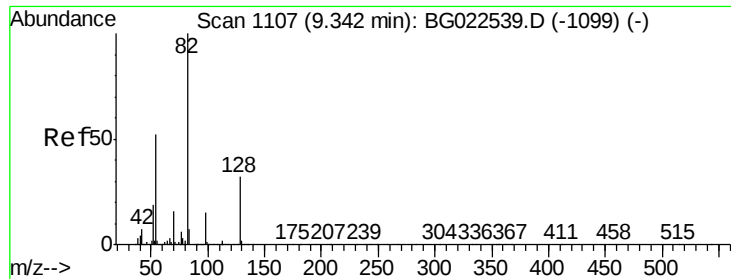
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

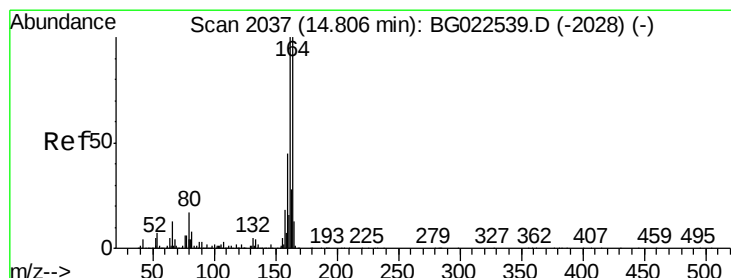
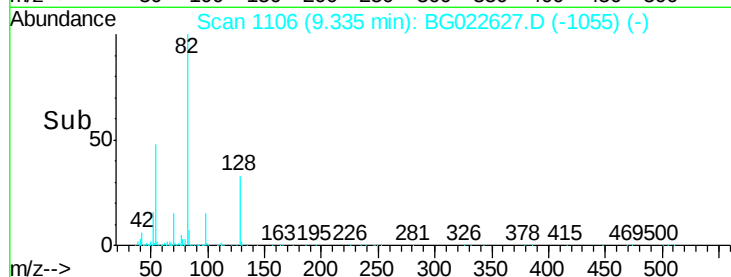
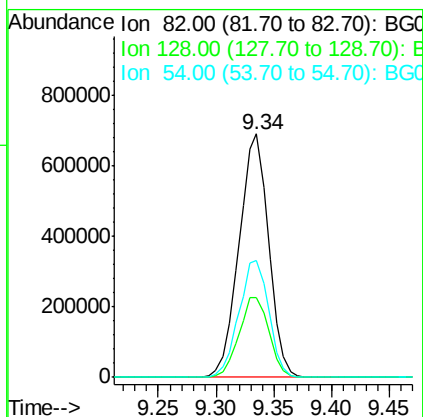
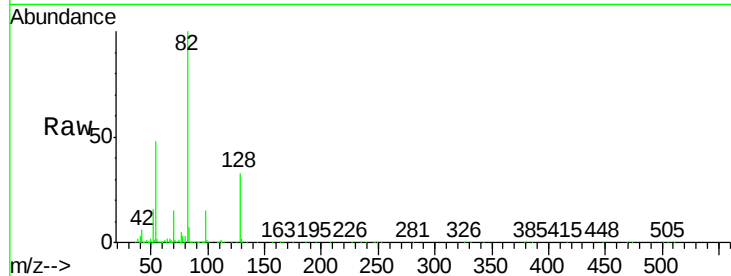




#23
 Nitrobenzene-d5
 Concen: 88.94 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BG022627.D
 Acq: 27 Jun 2016 2:44

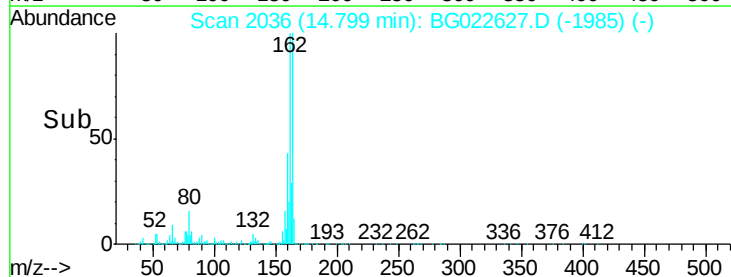
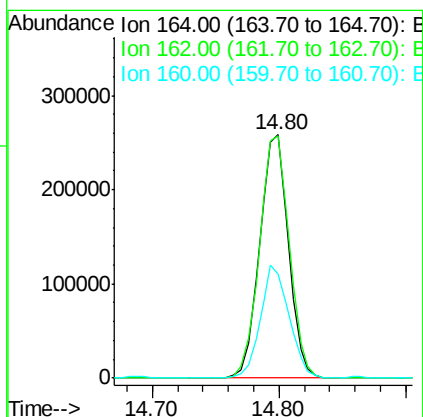
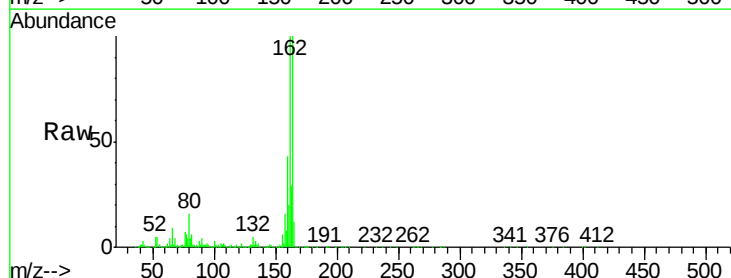
Instrument :
 BNA_G
 ClientSampleId :
 MW-14

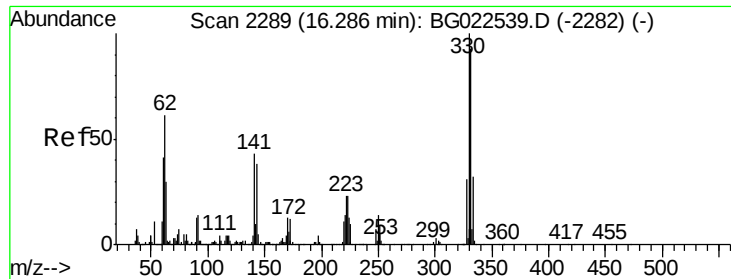
Tgt Ion: 82 Resp: 1228346
 Ion Ratio Lower Upper
 82 100
 128 32.5 24.4 36.6
 54 48.1 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BG022627.D
 Acq: 27 Jun 2016 2:44

Tgt Ion: 164 Resp: 408516
 Ion Ratio Lower Upper
 164 100
 162 99.5 87.7 131.5
 160 42.9 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 139.02 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.00 min

Lab File: BG022627.D

Acq: 27 Jun 2016 2:44

Instrument :

BNA_G

ClientSampleId :

MW-14

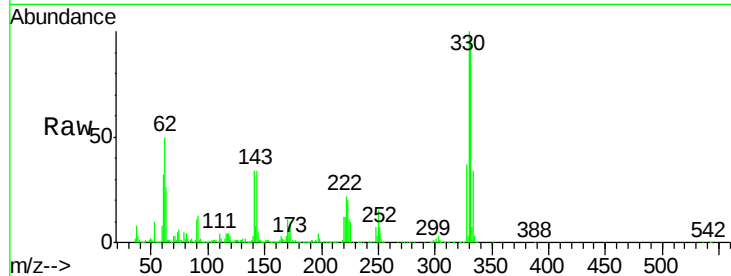
Tgt Ion:330 Resp: 893243

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

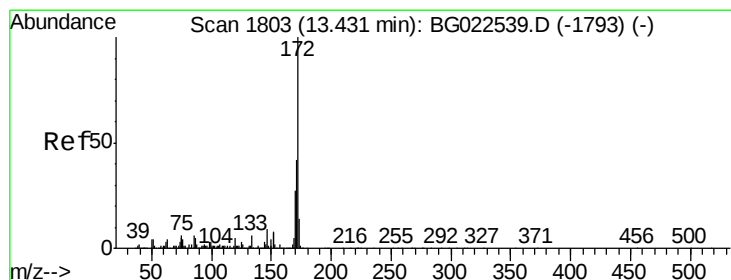
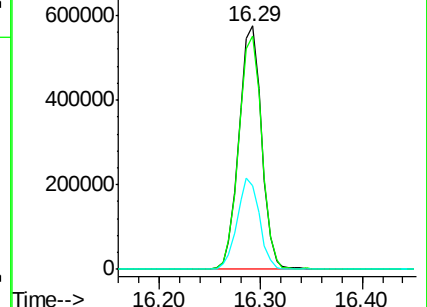
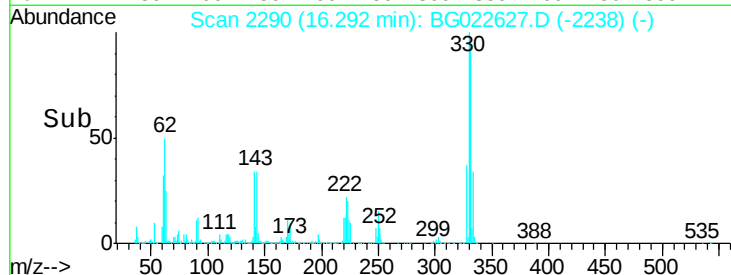
141 37.0 31.7 47.5



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: 87.94 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BG022627.D

Acq: 27 Jun 2016 2:44

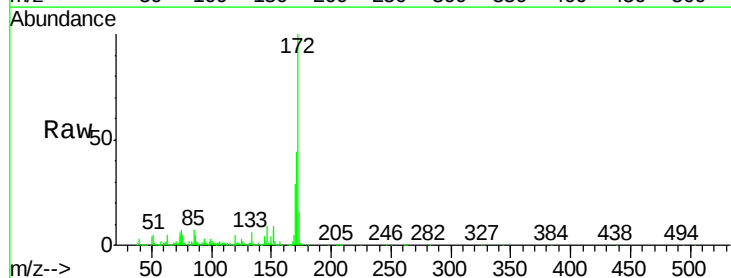
Tgt Ion:172 Resp: 2265325

Ion Ratio Lower Upper

172 100

171 44.4 31.6 47.4

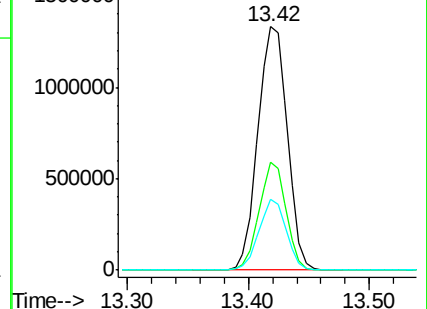
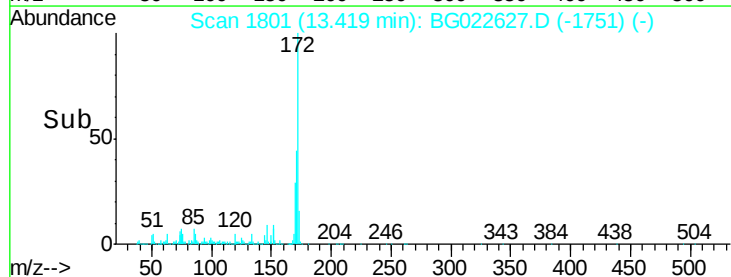
170 29.3 21.3 31.9

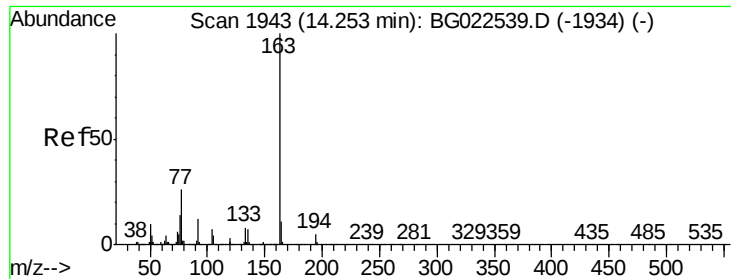


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.02 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG022627.D

Acq: 27 Jun 2016 2:44

Instrument :

BNA_G

ClientSampleId :

MW-14

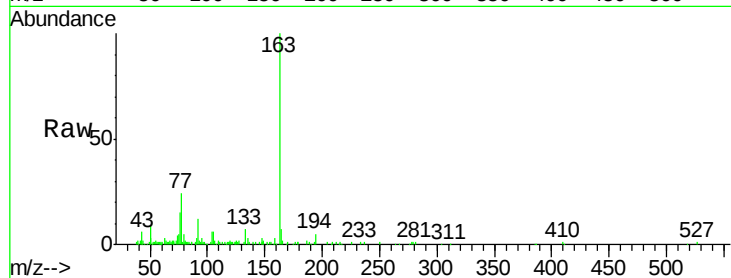
Tgt Ion:163 Resp: 68425

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

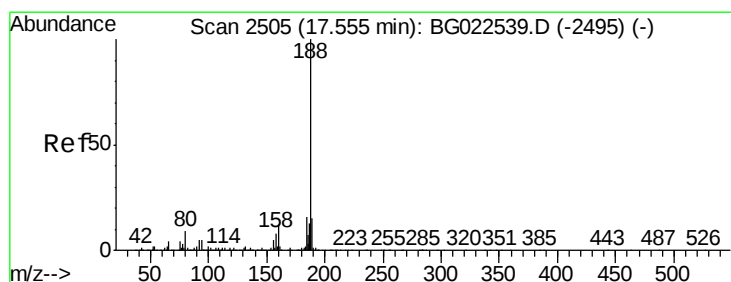
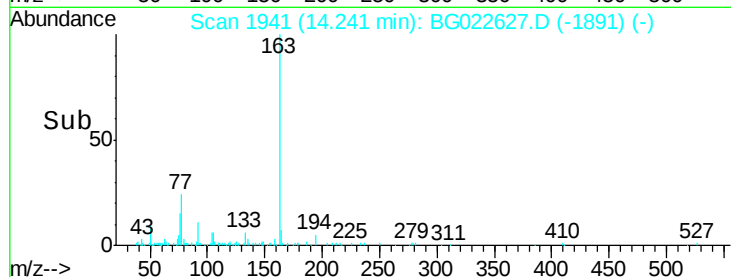
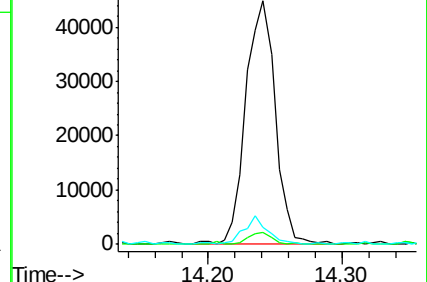
164 6.8 8.1 12.1#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BG022627.D

Acq: 27 Jun 2016 2:44

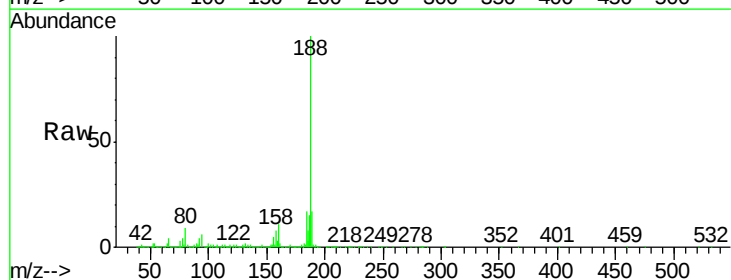
Tgt Ion:188 Resp: 1045529

Ion Ratio Lower Upper

188 100

94 6.3 5.2 7.8

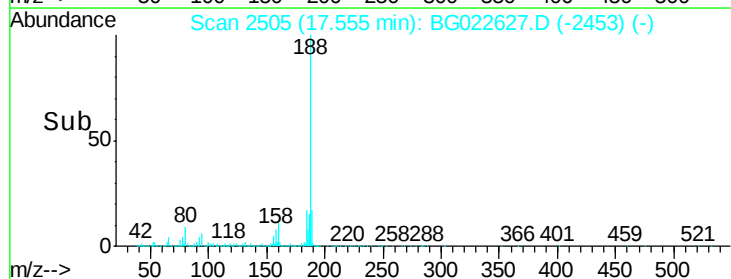
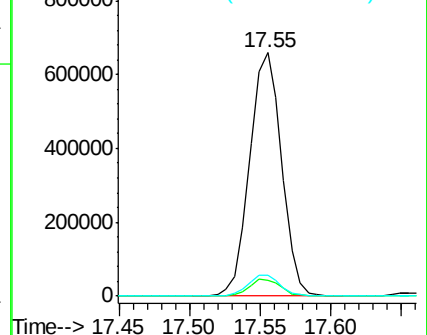
80 8.7 7.2 10.8

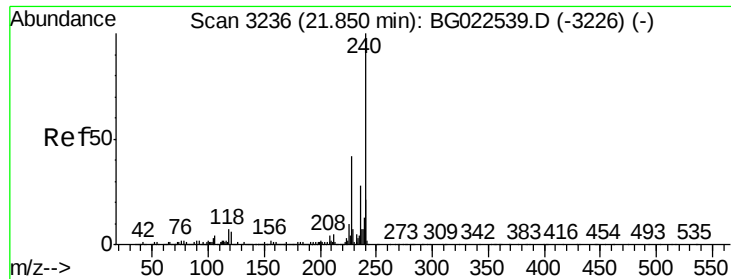


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG022627.D

Acq: 27 Jun 2016 2:44

Instrument :

BNA_G

ClientSampleId :

MW-14

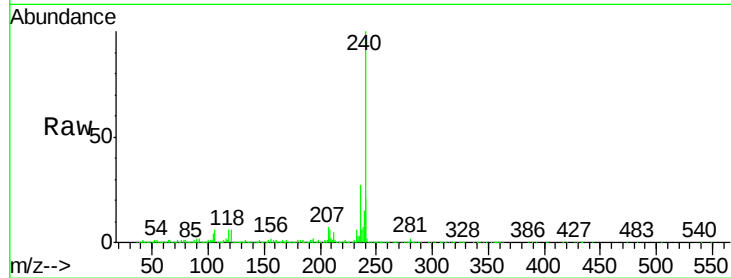
Tgt Ion:240 Resp: 1226650

Ion Ratio Lower Upper

240 100

120 6.5 4.1 6.1#

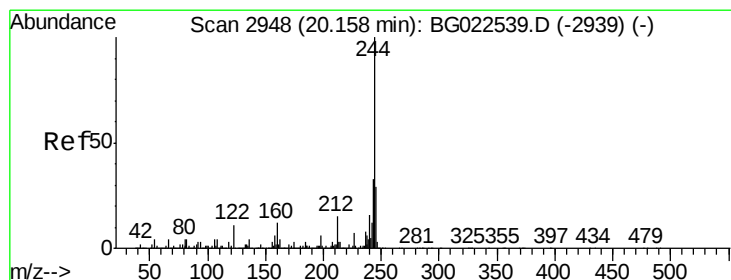
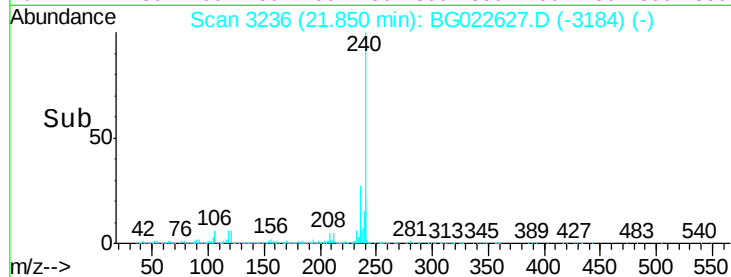
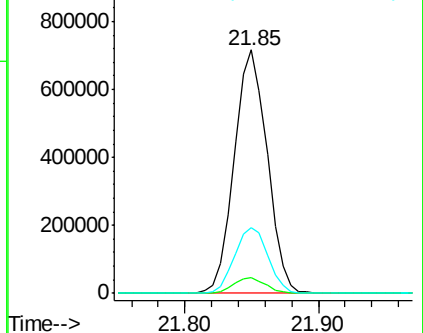
236 27.2 21.1 31.7



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: 70.34 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG022627.D

Acq: 27 Jun 2016 2:44

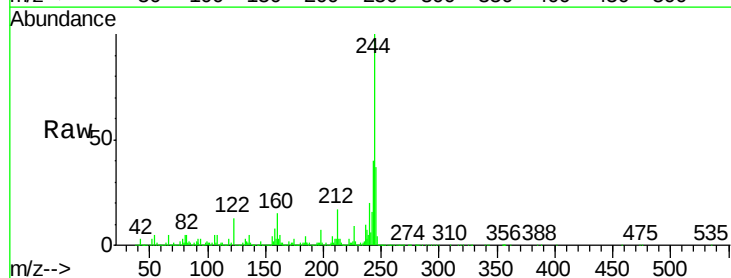
Tgt Ion:244 Resp: 3256455

Ion Ratio Lower Upper

244 100

212 17.4 10.8 16.2#

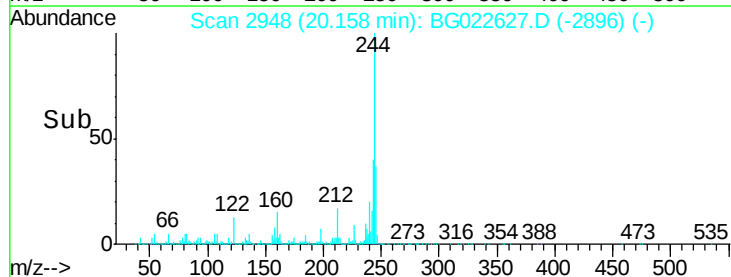
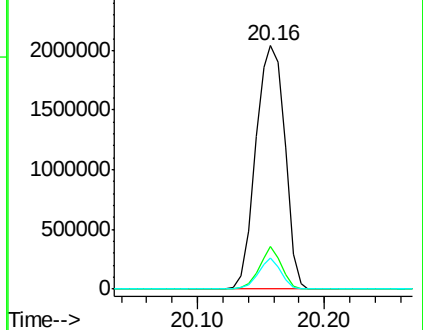
122 13.0 8.0 12.0#

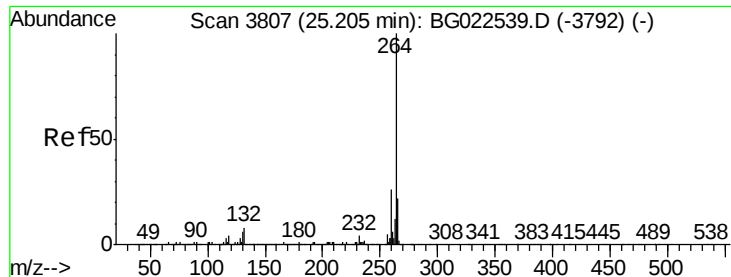


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.22 min Scan# 3809
Delta R.T. 0.01 min
Lab File: BG022627.D
Acq: 27 Jun 2016 2:44

Instrument :
BNA_G
ClientSampleId :
MW-14

Tgt Ion:264 Resp: 1292701

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	21.7	18.9	28.3

