

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022629.D
 Acq On : 27 Jun 2016 4:04
 Operator : UM/SJ
 Sample : H3733-03
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-17

Quant Time: Jun 27 07:21:27 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

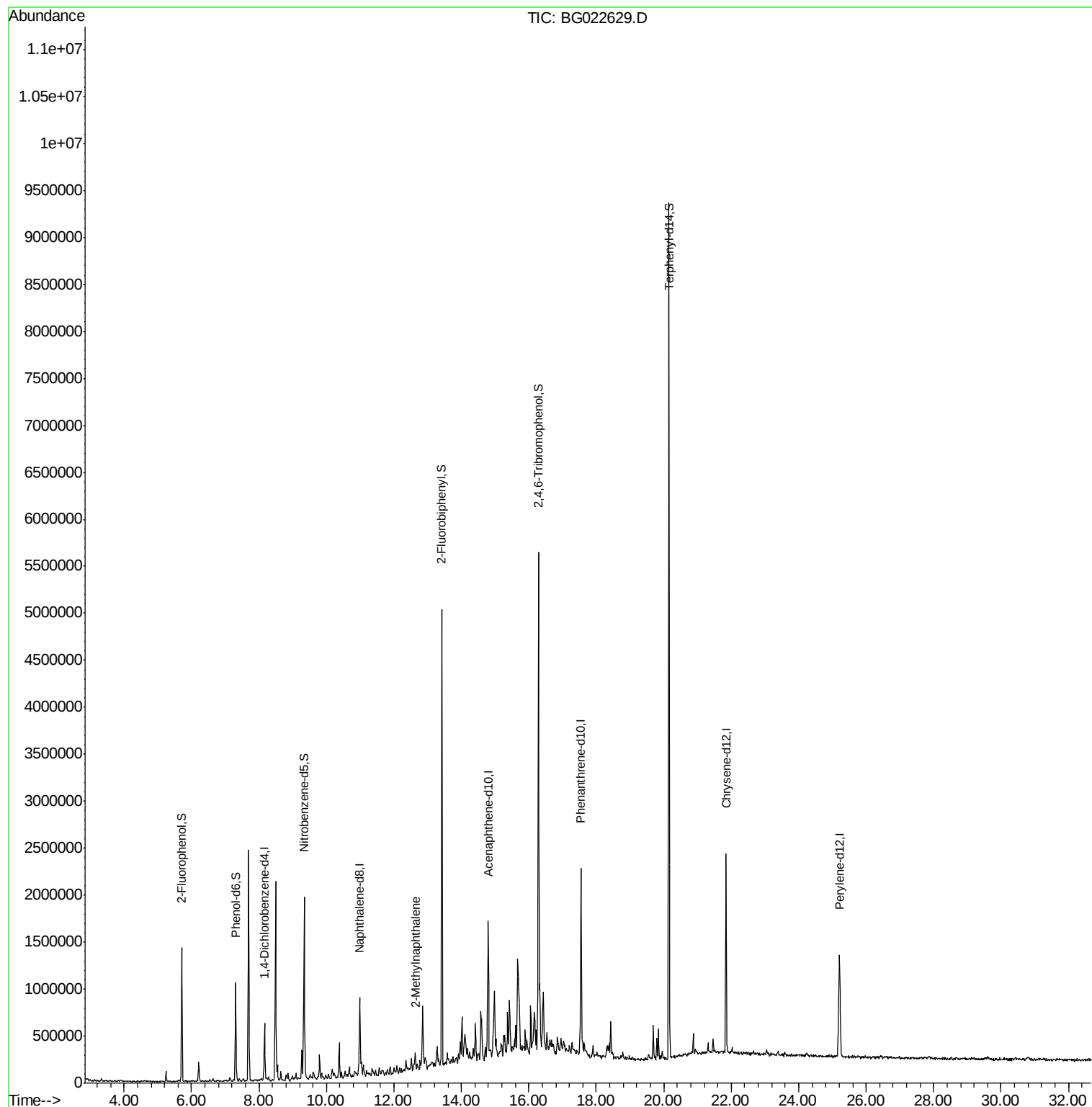
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	158678	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	632659	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	526204	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1143831	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1291821	20.00	ng	0.00
86) Perylene-d12	25.21	264	1330520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	594444	60.09	ng	0.00
7) Phenol-d6	7.31	99	581186	41.68	ng	0.00
23) Nitrobenzene-d5	9.34	82	1233541	82.52	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	954874	115.37	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2278499	68.67	ng	0.00
78) Terphenyl-d14	20.16	244	3173776	65.09	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.63	142	71886	2.91	ng	Qvalue 95

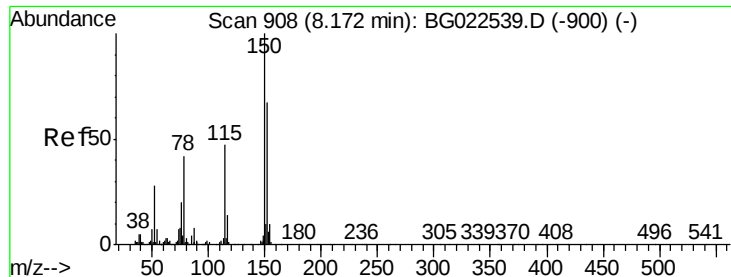
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022629.D

Acq: 27 Jun 2016 4:04

Instrument :

BNA_G

ClientSampleId :

MW-17

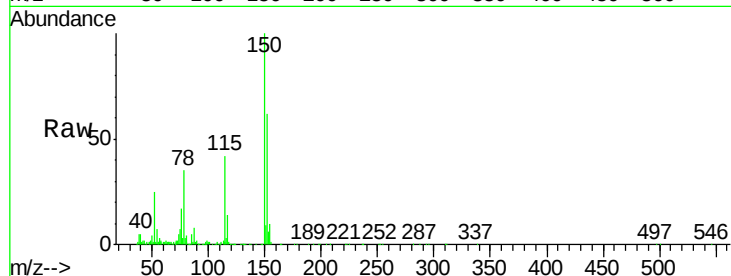
Tgt Ion:152 Resp: 158678

Ion Ratio Lower Upper

152 100

150 160.6 144.7 217.1

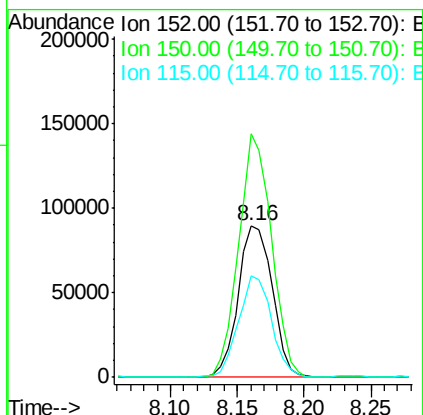
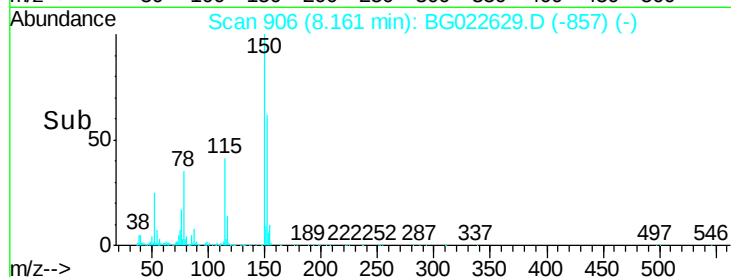
115 66.8 64.0 96.0



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: 60.09 ng

RT: 5.71 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG022629.D

Acq: 27 Jun 2016 4:04

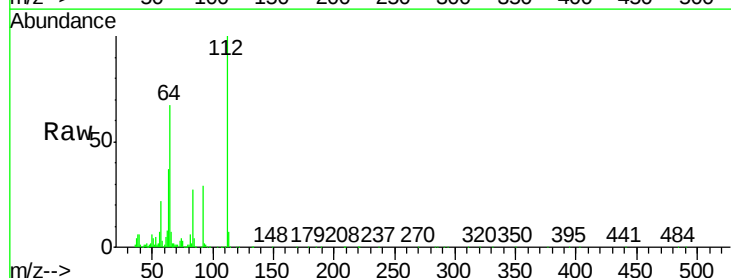
Tgt Ion:112 Resp: 594444

Ion Ratio Lower Upper

112 100

64 67.2 59.0 88.4

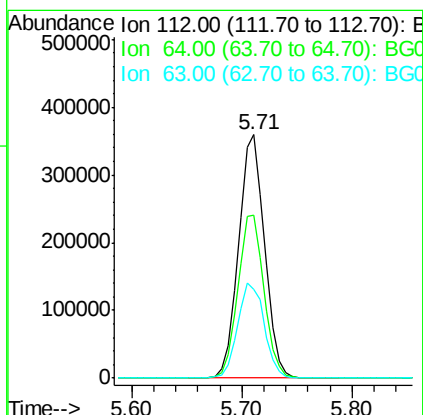
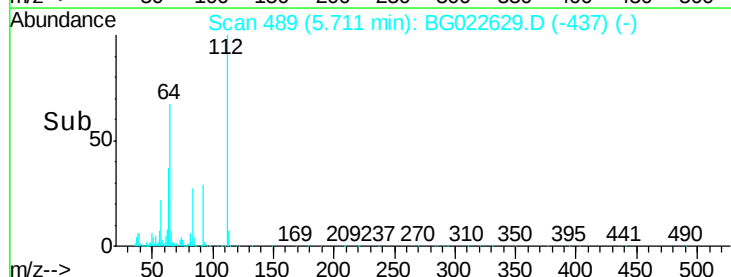
63 36.6 37.8 56.8#



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: 41.68 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022629.D

Acq: 27 Jun 2016 4:04

Instrument :

BNA_G

ClientSampleId :

MW-17

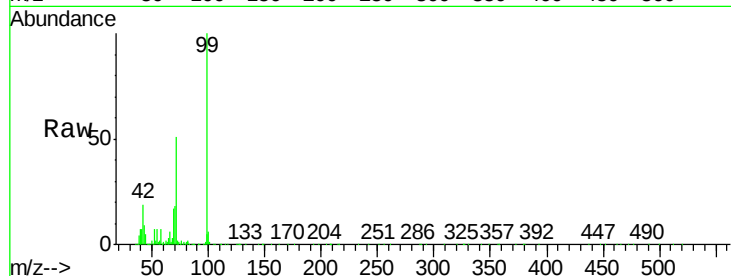
Tgt Ion: 99 Resp: 581186

Ion Ratio Lower Upper

99 100

42 19.0 17.8 26.6

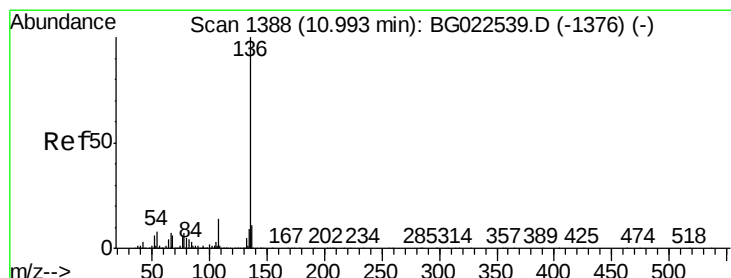
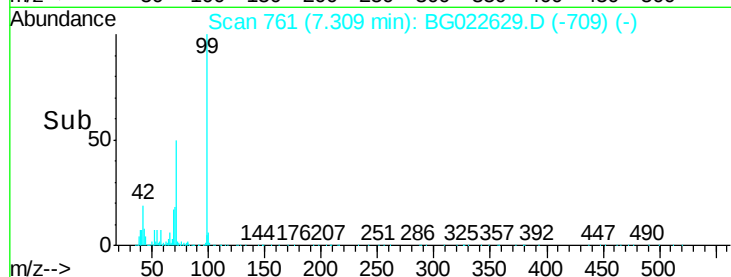
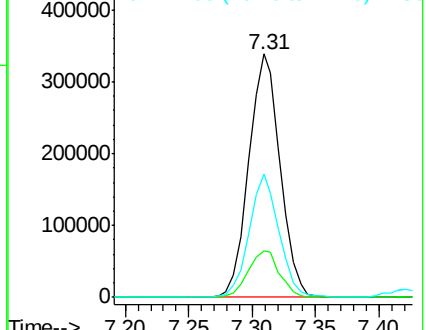
71 50.5 41.5 62.3



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: BG022629.D

Acq: 27 Jun 2016 4:04

Tgt Ion: 136 Resp: 632659

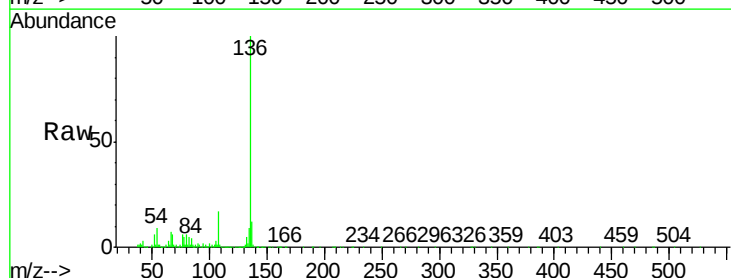
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 8.6 7.3 10.9

68 6.1 5.3 7.9

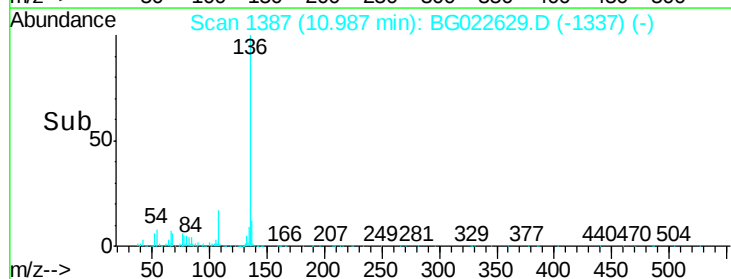
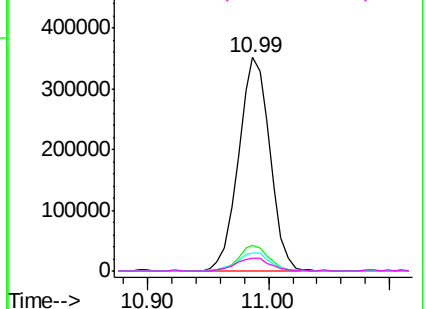


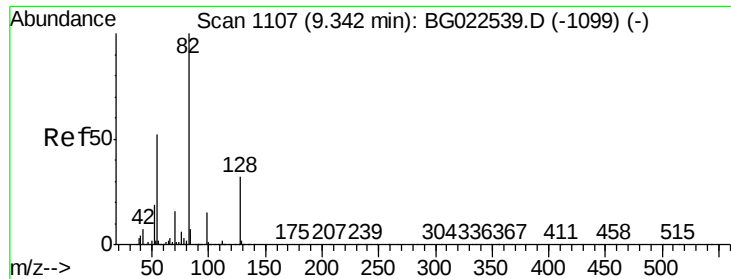
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

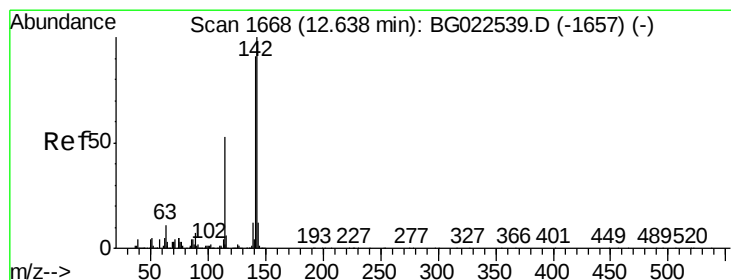
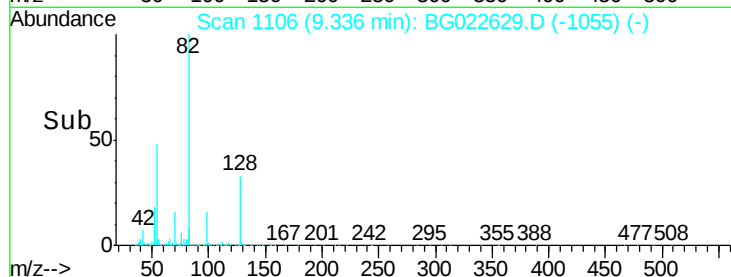
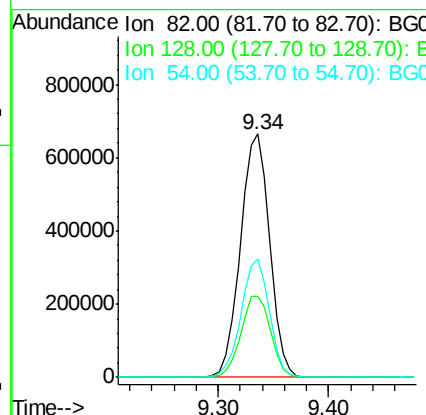
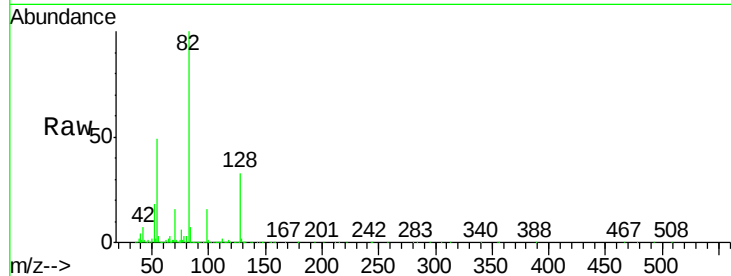




#23
 Nitrobenzene-d5
 Concen: 82.52 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BG022629.D
 Acq: 27 Jun 2016 4:04

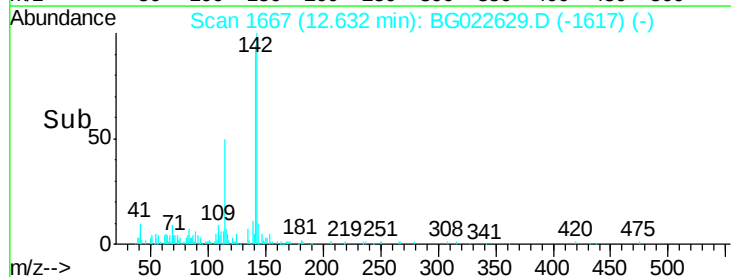
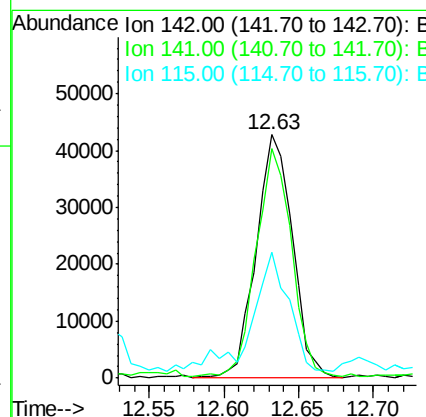
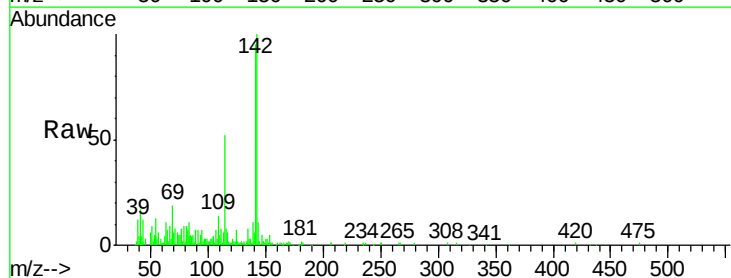
Instrument :
 BNA_G
 ClientSampleId :
 MW-17

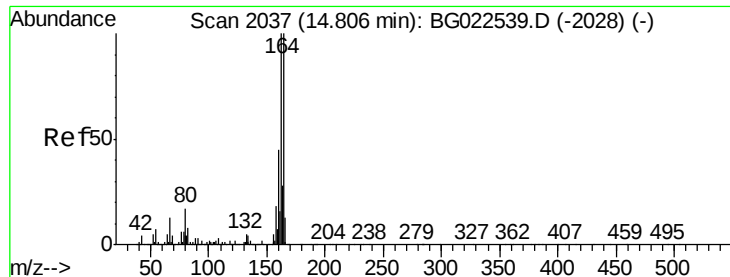
Tgt Ion: 82 Resp: 1233541
 Ion Ratio Lower Upper
 82 100
 128 33.4 24.4 36.6
 54 48.5 41.4 62.0



#37
 2-Methylnaphthalene
 Concen: 2.91 ng
 RT: 12.63 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BG022629.D
 Acq: 27 Jun 2016 4:04

Tgt Ion: 142 Resp: 71886
 Ion Ratio Lower Upper
 142 100
 141 94.5 70.2 105.2
 115 51.7 41.7 62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG022629.D

Acq: 27 Jun 2016 4:04

Instrument :

BNA_G

ClientSampleId :

MW-17

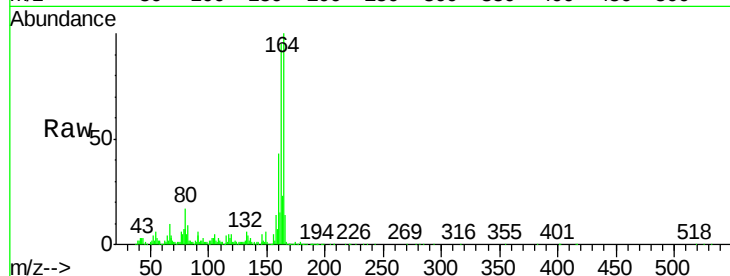
Tgt Ion:164 Resp: 526204

Ion Ratio Lower Upper

164 100

162 95.0 87.7 131.5

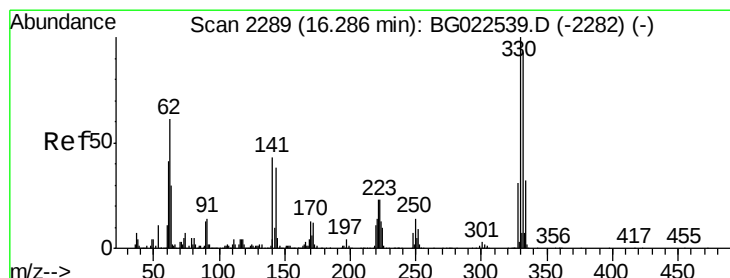
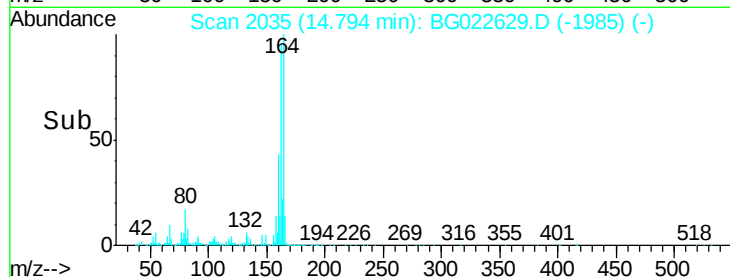
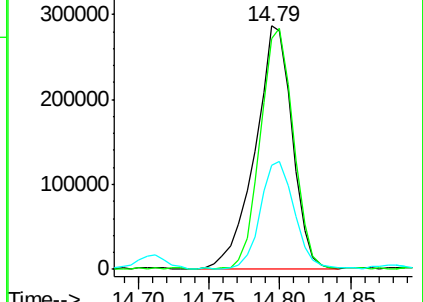
160 43.0 37.2 55.8



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: 115.37 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG022629.D

Acq: 27 Jun 2016 4:04

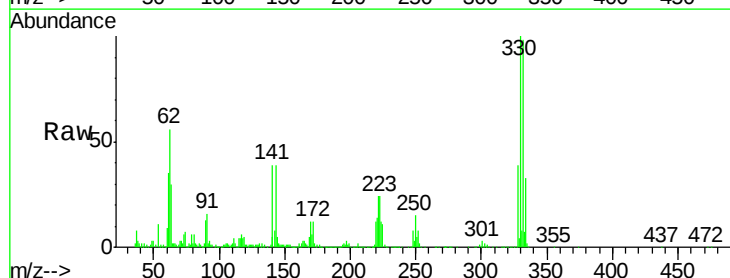
Tgt Ion:330 Resp: 954874

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

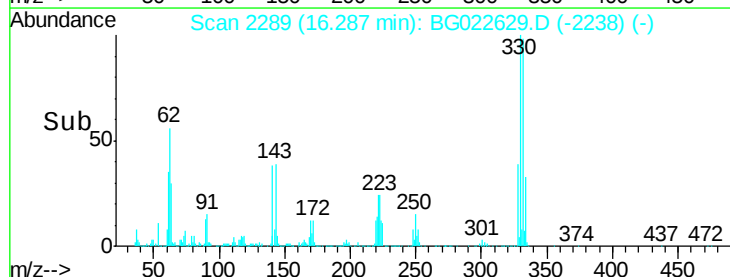
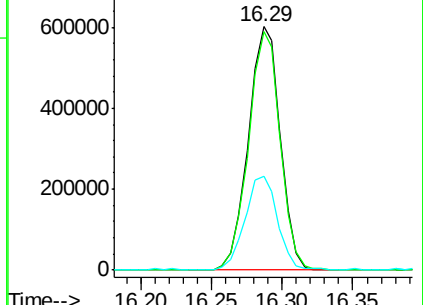
141 38.9 31.7 47.5

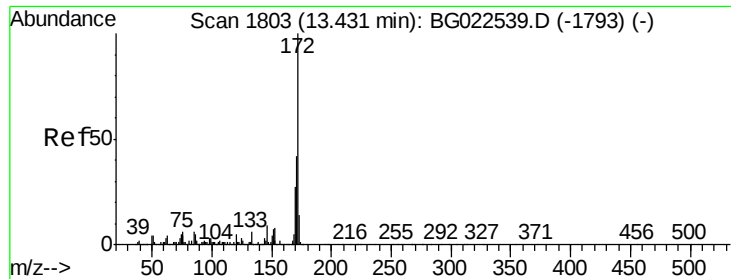


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

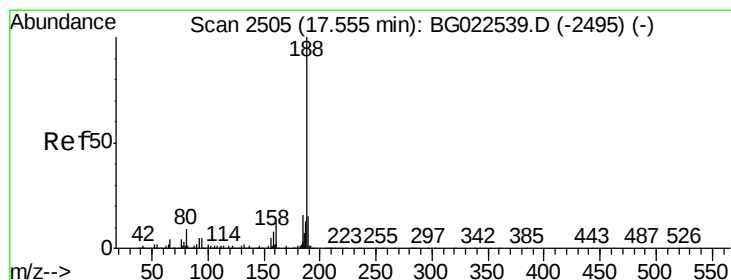
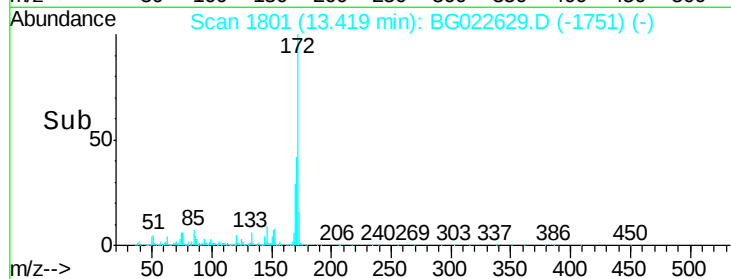
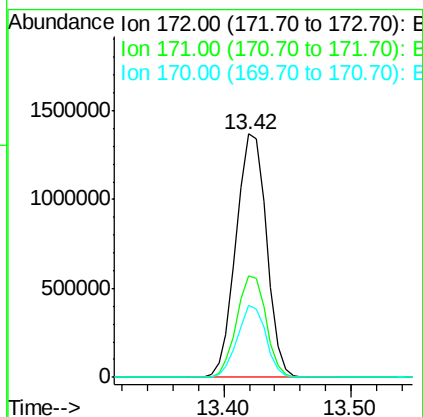
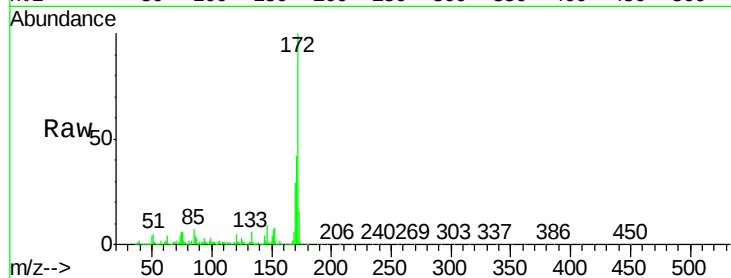




#44
2-Fluorobiphenyl
Concen: 68.67 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022629.D
Acq: 27 Jun 2016 4:04

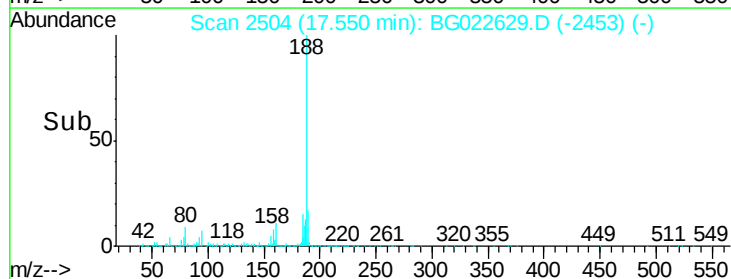
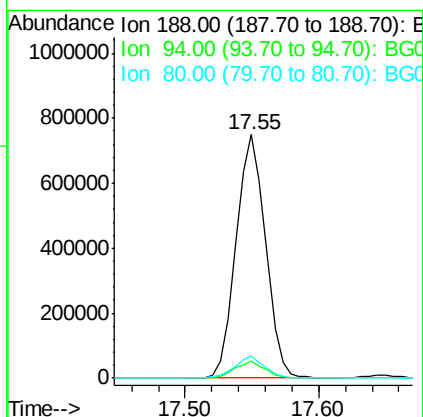
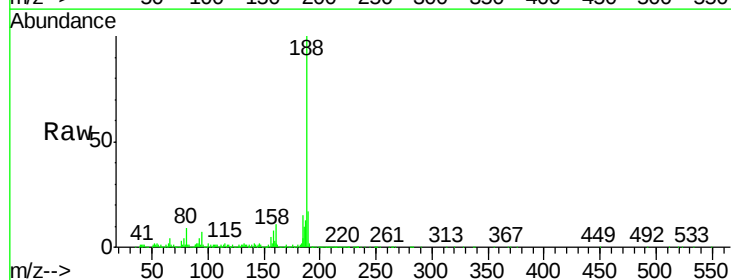
Instrument :
BNA_G
ClientSampleId :
MW-17

Tgt Ion:172 Resp: 2278499
Ion Ratio Lower Upper
172 100
171 41.9 31.6 47.4
170 29.4 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG022629.D
Acq: 27 Jun 2016 4:04

Tgt Ion:188 Resp: 1143831
Ion Ratio Lower Upper
188 100
94 7.2 5.2 7.8
80 9.1 7.2 10.8

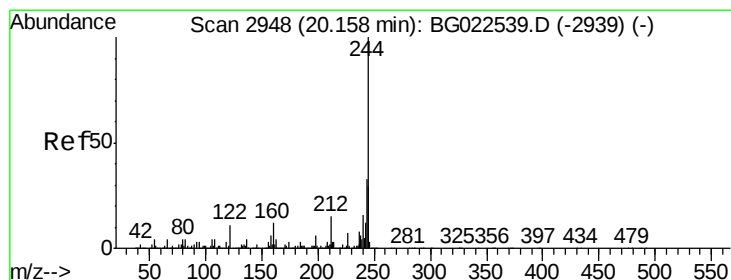
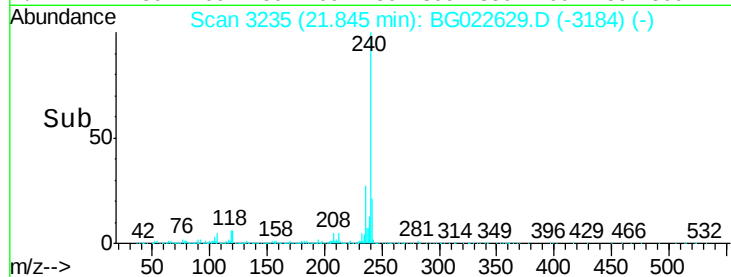
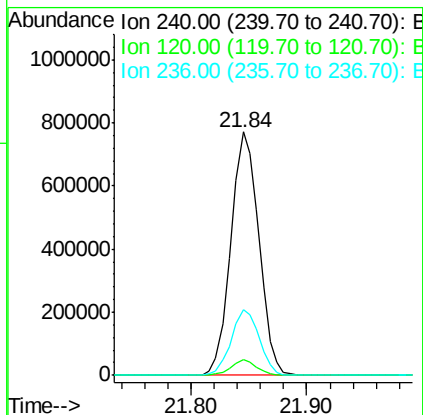
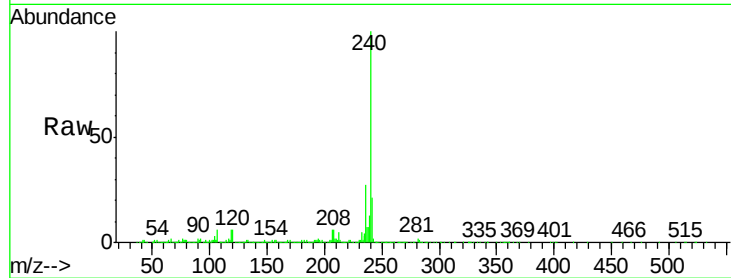




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022629.D
Acq: 27 Jun 2016 4:04

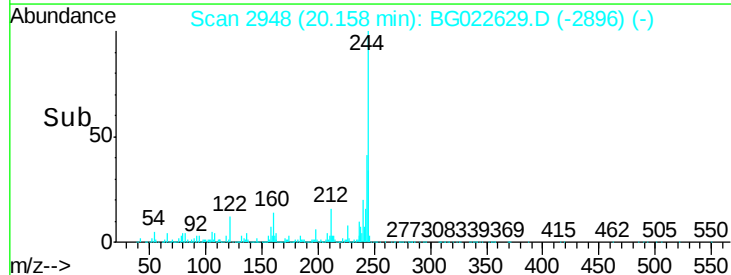
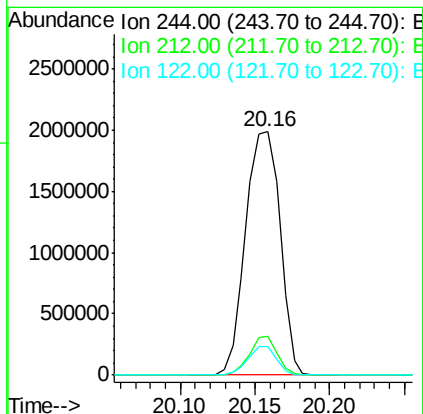
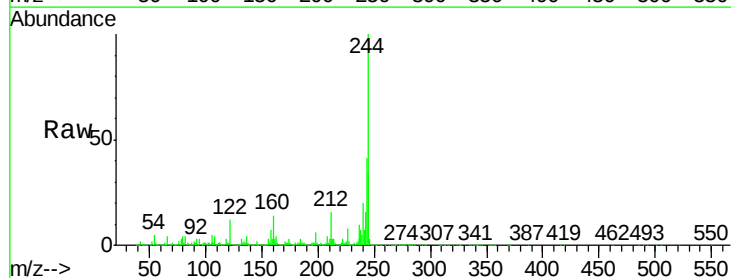
Instrument :
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ClientSampleId :
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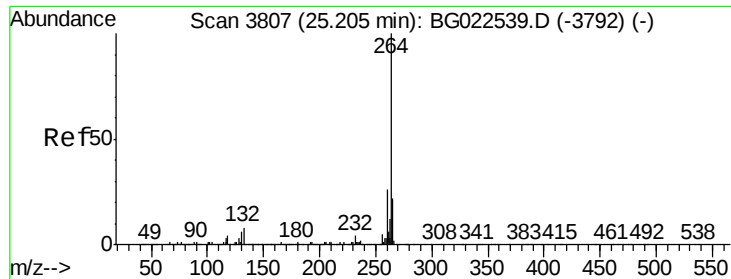
Tgt Ion:240 Resp: 1291821
Ion Ratio Lower Upper
240 100
120 6.4 4.1 6.1#
236 27.0 21.1 31.7



#78
Terphenyl-d14
Concen: 65.09 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG022629.D
Acq: 27 Jun 2016 4:04

Tgt Ion:244 Resp: 3173776
Ion Ratio Lower Upper
244 100
212 15.9 10.8 16.2
122 11.8 8.0 12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. -0.00 min
Lab File: BG022629.D
Acq: 27 Jun 2016 4:04

Instrument :
BNA_G
ClientSampleId :
MW-17

Tgt Ion:264 Resp: 1330520

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.4	27.6
265	21.0	18.9	28.3

