

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
 Data File : BG021045.D
 Acq On : 24 Feb 2016 3:55
 Operator : UM/SJ
 Sample : H1509-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Quant Time: Feb 24 05:47:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 24 00:35:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	5418	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	29072	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	15671	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	27788	20.00	ng	0.00
75) Chrysene-d12	21.82	240	18849	20.00	ng	0.00
86) Perylene-d12	25.14	264	17014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	19336	62.57	ng	0.00
7) Phenol-d6	7.41	99	19025	39.97	ng	0.00
23) Nitrobenzene-d5	9.39	82	52530	106.09	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	28447	151.53	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	127698	113.44	ng	0.00
78) Terphenyl-d14	20.14	244	94602	65.13	ng	0.00

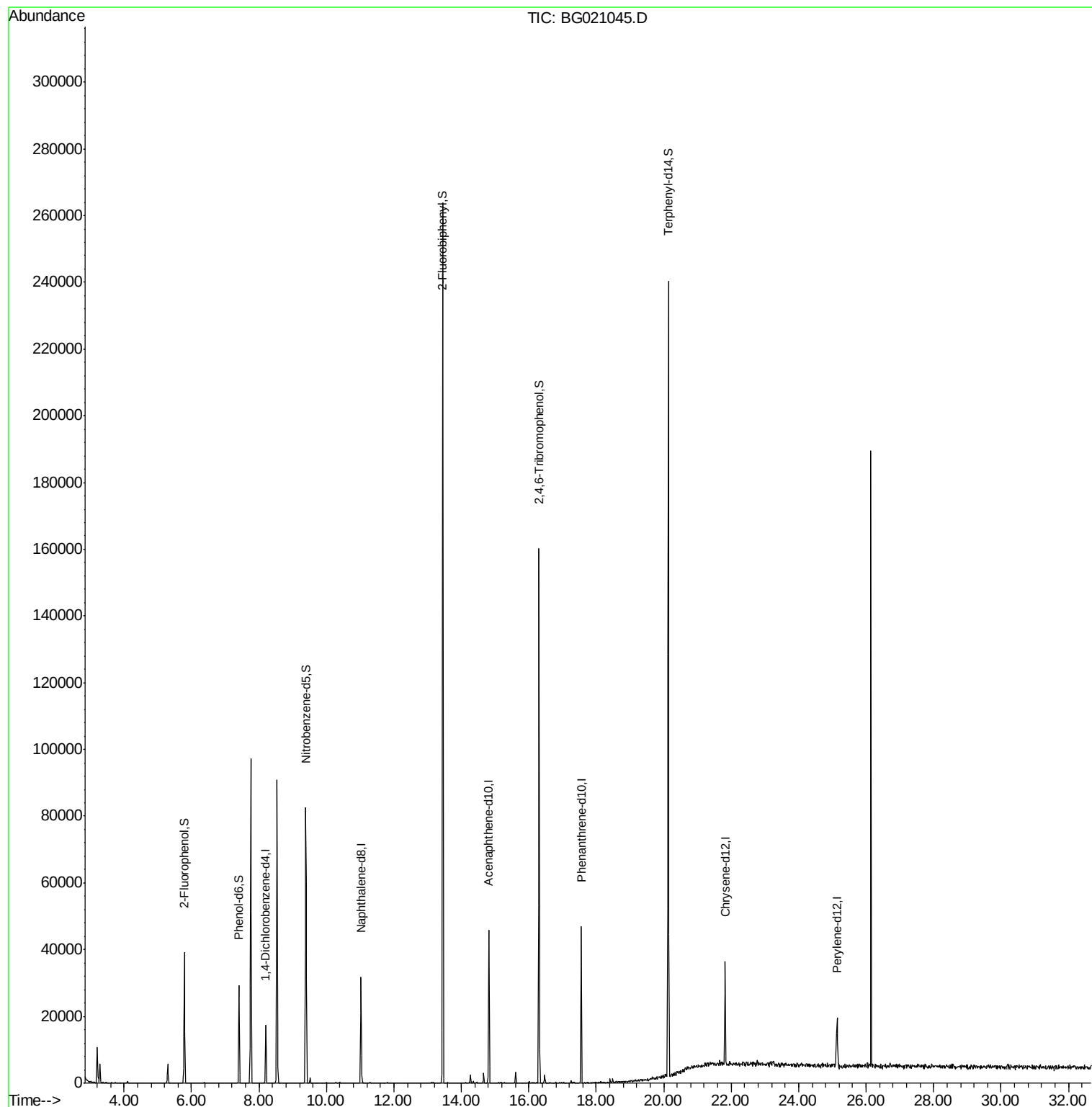
Target Compounds	Qvalue
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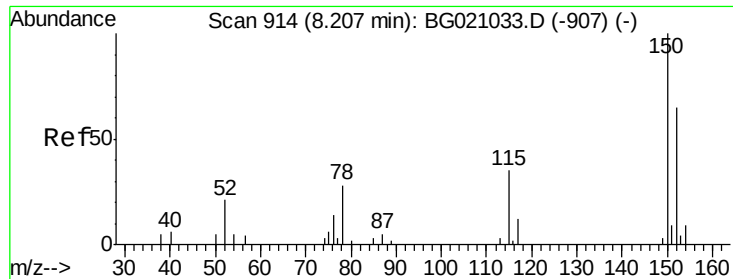
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG021045.D

Acq: 24 Feb 2016 3:55

Instrument :

BNA_G

ClientSampleId :

MW-4

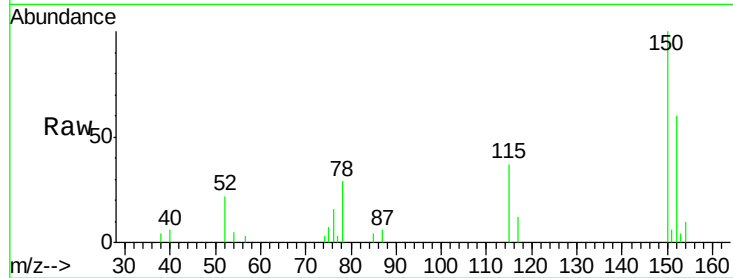
Tgt Ion:152 Resp: 5418

Ion Ratio Lower Upper

152 100

150 165.7 123.4 185.2

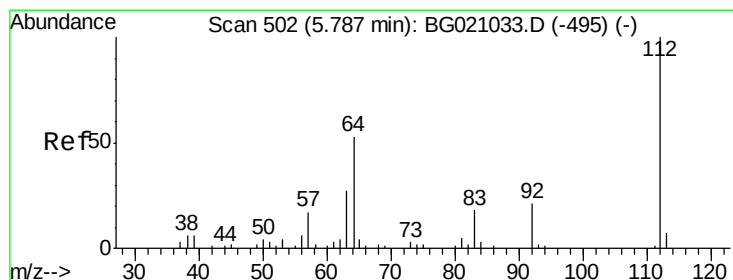
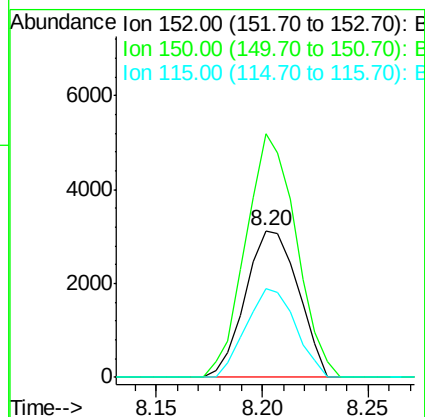
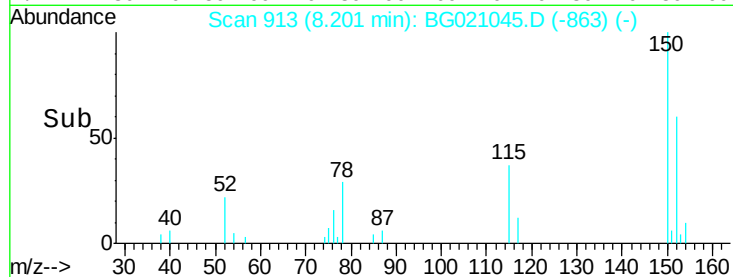
115 60.5 43.3 64.9



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: 62.57 ng

RT: 5.79 min Scan# 502

Delta R.T. 0.00 min

Lab File: BG021045.D

Acq: 24 Feb 2016 3:55

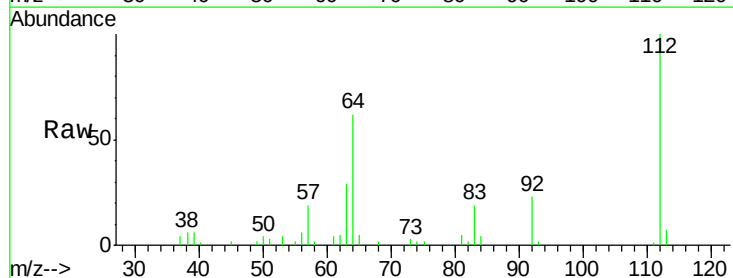
Tgt Ion:112 Resp: 19336

Ion Ratio Lower Upper

112 100

64 61.7 42.6 63.8

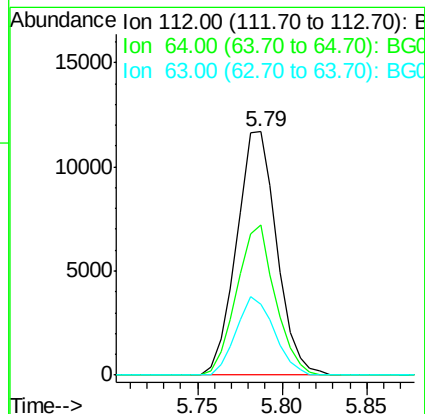
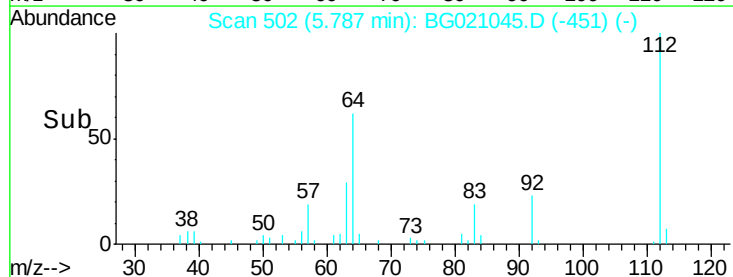
63 29.1 21.7 32.5

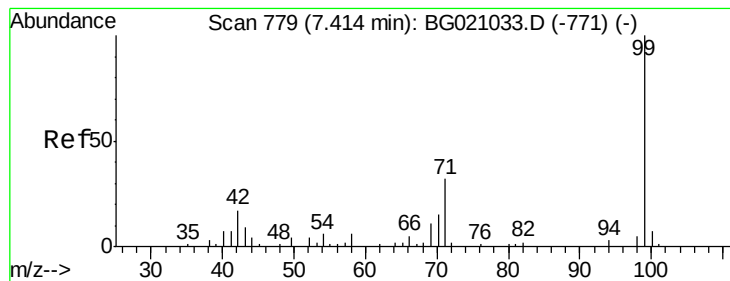


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.97 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG021045.D

Acq: 24 Feb 2016 3:55

Instrument :

BNA_G

ClientSampleId :

MW-4

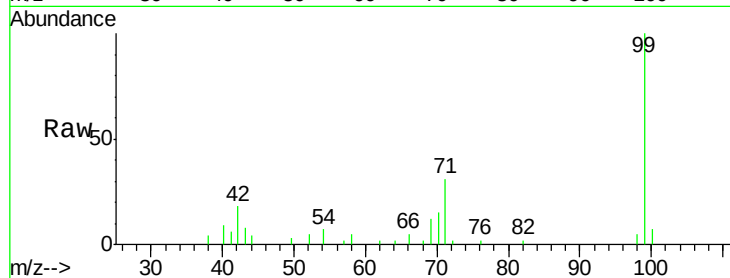
Tgt Ion: 99 Resp: 19025

Ion Ratio Lower Upper

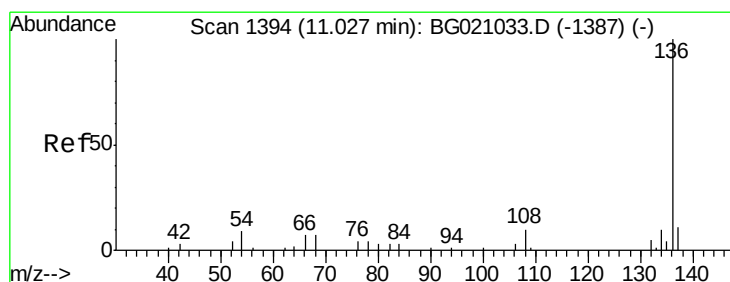
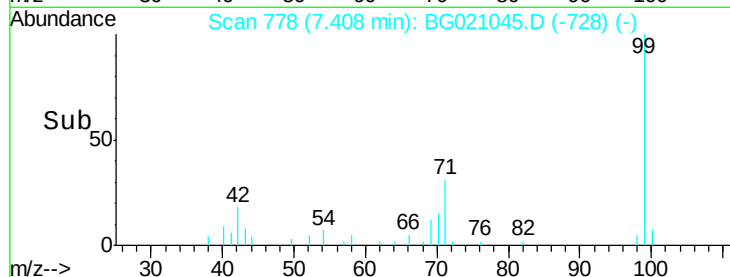
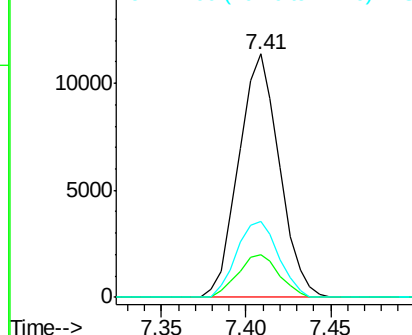
99 100

42 17.7 13.2 19.8

71 31.4 25.2 37.8



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: 11.03 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BG021045.D

Acq: 24 Feb 2016 3:55

Tgt Ion: 136 Resp: 29072

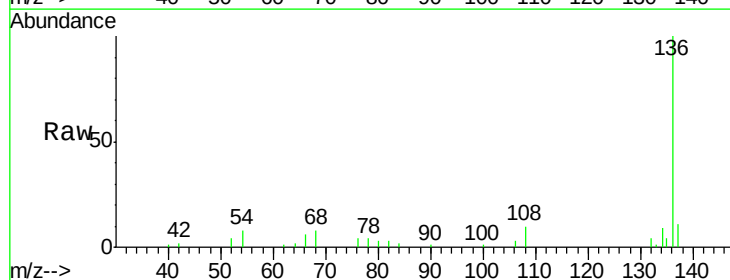
Ion Ratio Lower Upper

136 100

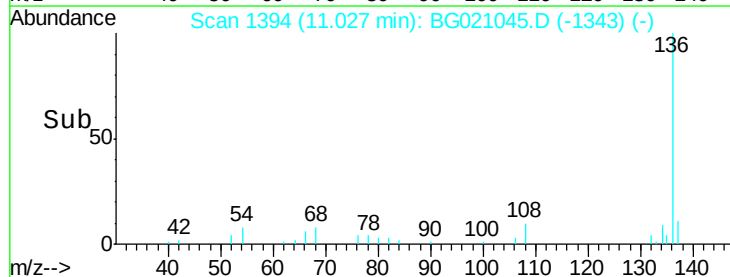
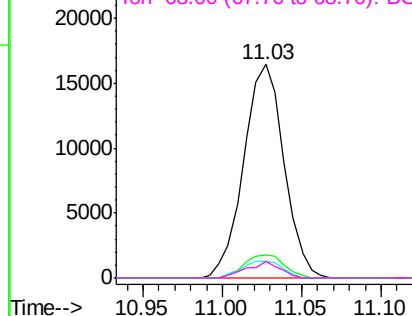
137 10.5 8.8 13.2

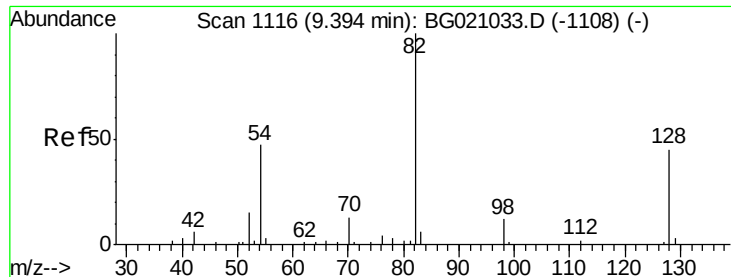
54 7.9 6.9 10.3

68 7.7 5.8 8.6



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

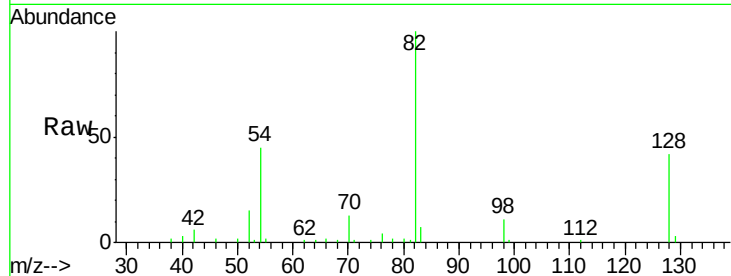




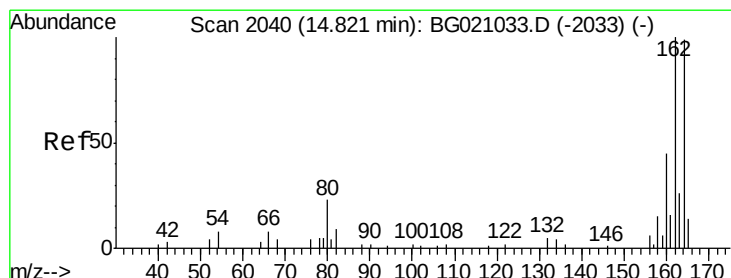
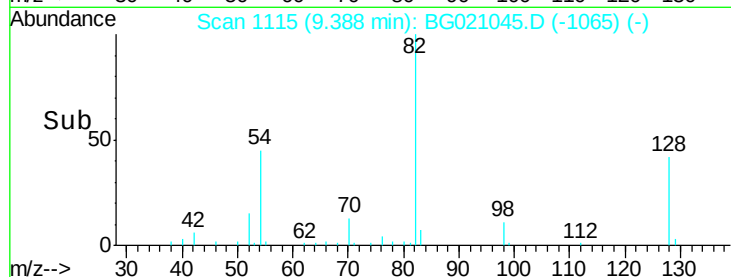
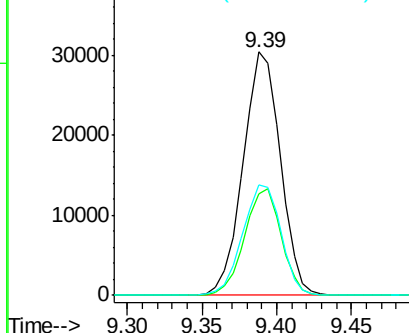
#23
 Nitrobenzene-d5
 Concen: 106.09 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BG021045.D
 Acq: 24 Feb 2016 3:55

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.6	36.3	54.5
54	45.2	37.6	56.4

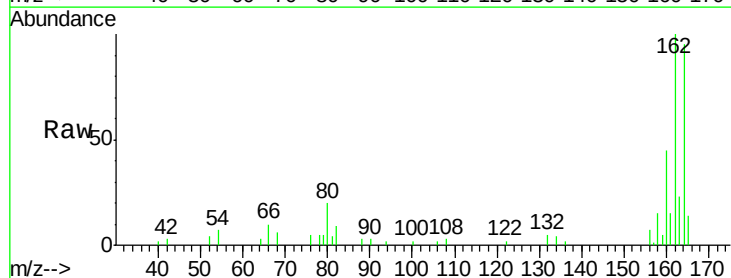


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

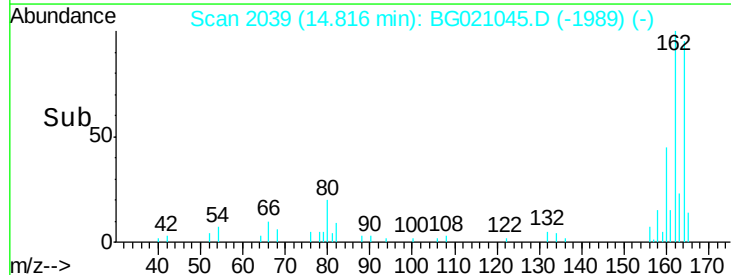
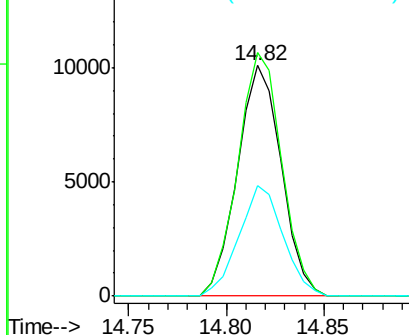


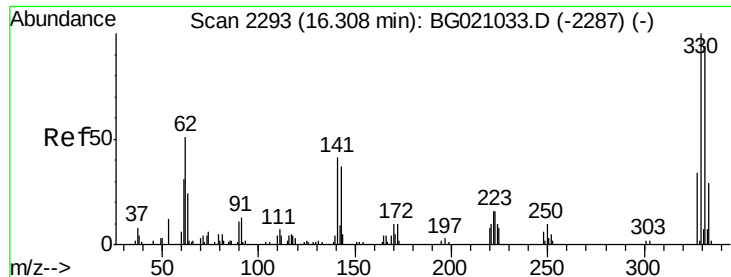
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021045.D
 Acq: 24 Feb 2016 3:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	80.6	120.8
160	47.9	36.5	54.7



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

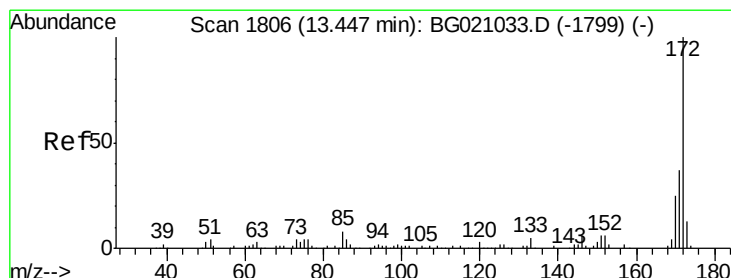
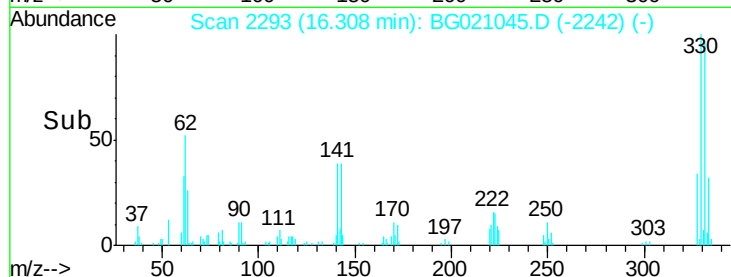
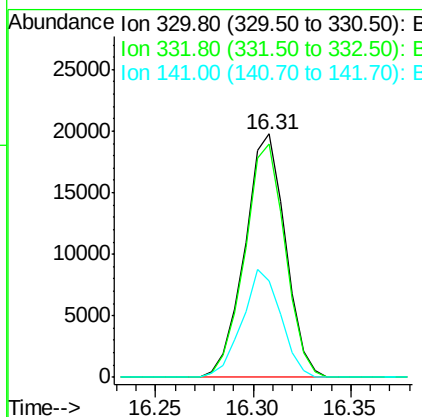
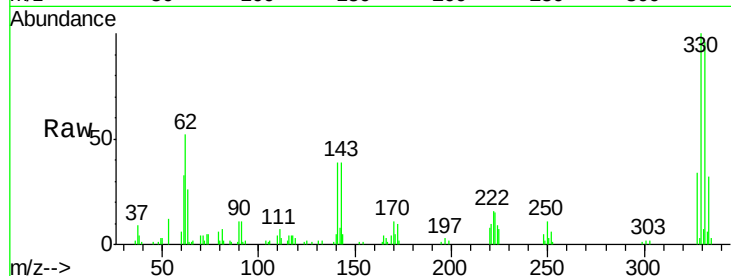




#41
 2,4,6-Tribromophenol
 Concen: 151.53 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG021045.D
 Acq: 24 Feb 2016 3:55

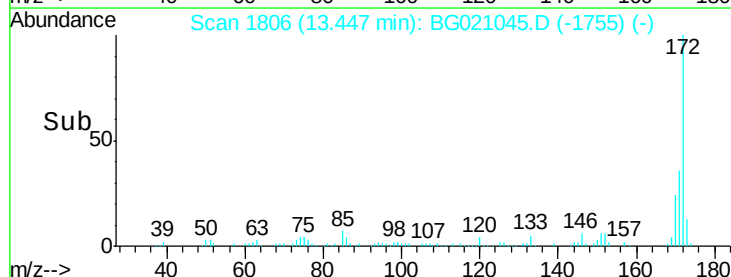
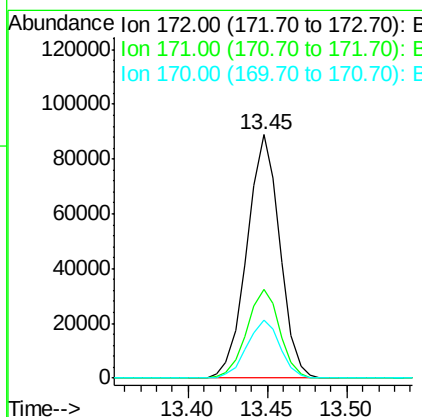
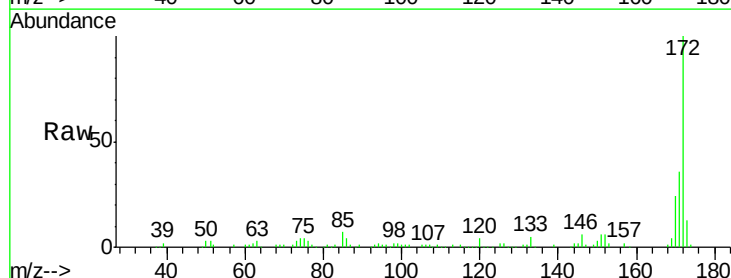
Instrument :
 BNA_G
 ClientSampled :
 MW-4

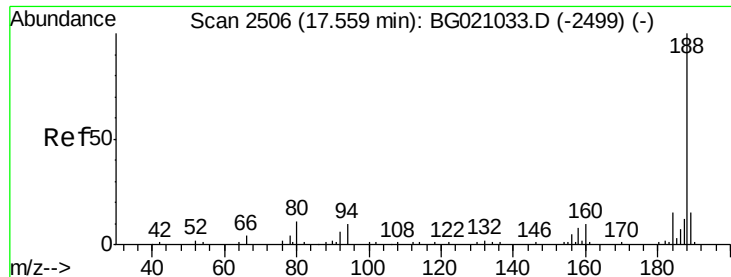
Tgt Ion:330 Resp: 28447
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.0
 141 42.1 35.3 52.9



#44
 2-Fluorobiphenyl
 Concen: 113.44 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BG021045.D
 Acq: 24 Feb 2016 3:55

Tgt Ion:172 Resp: 127698
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 23.7 19.8 29.8

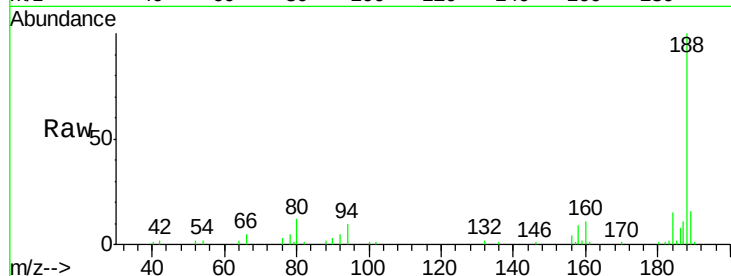




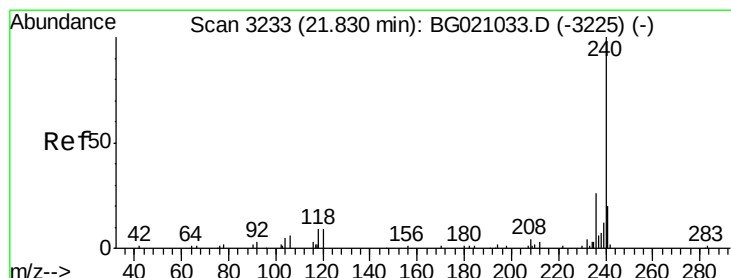
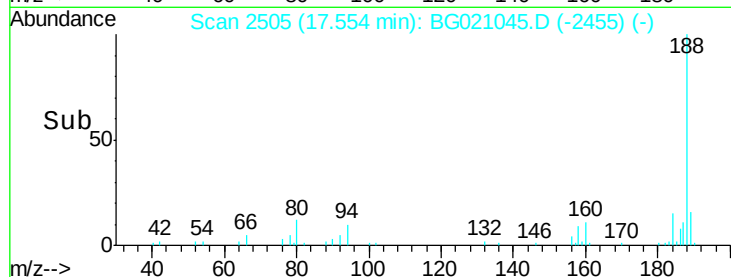
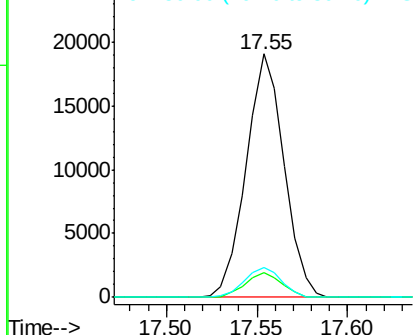
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021045.D
Acq: 24 Feb 2016 3:55

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion:188 Resp: 27788
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.4
80 12.0 9.2 13.8

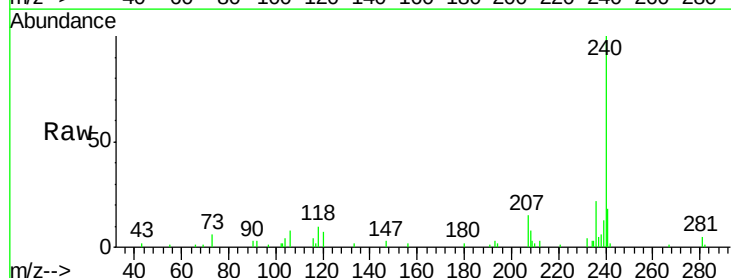


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

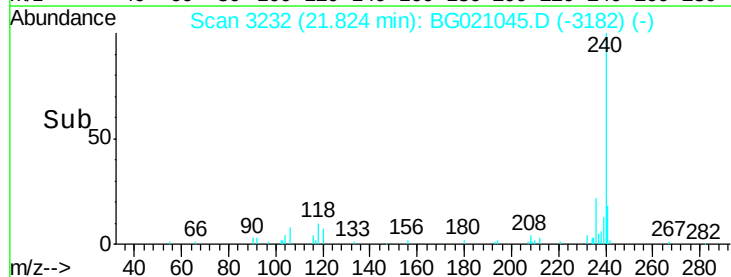
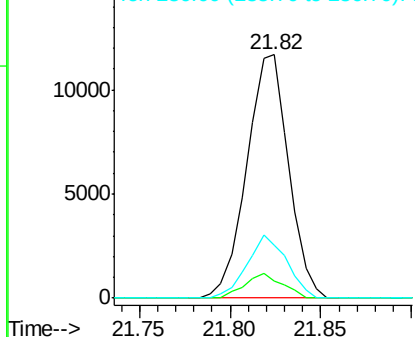


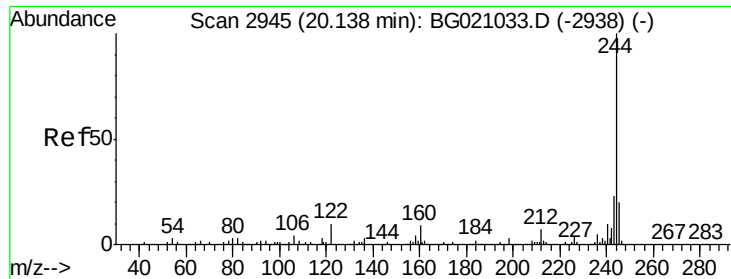
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021045.D
Acq: 24 Feb 2016 3:55

Tgt Ion:240 Resp: 18849
Ion Ratio Lower Upper
240 100
120 7.1 7.5 11.3#
236 22.0 20.5 30.7



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: 65.13 ng

RT: 20.14 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BG021045.D

Acq: 24 Feb 2016 3:55

Instrument :

BNA_G

ClientSampled :

MW-4

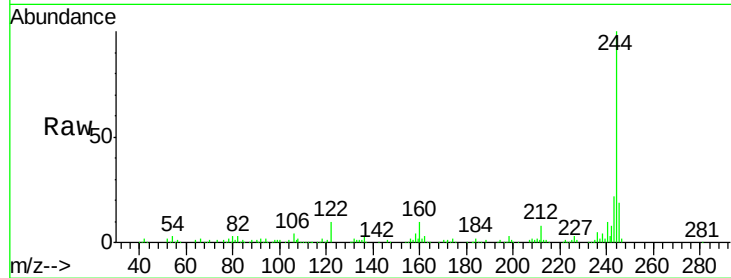
Tgt Ion:244 Resp: 94602

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.6

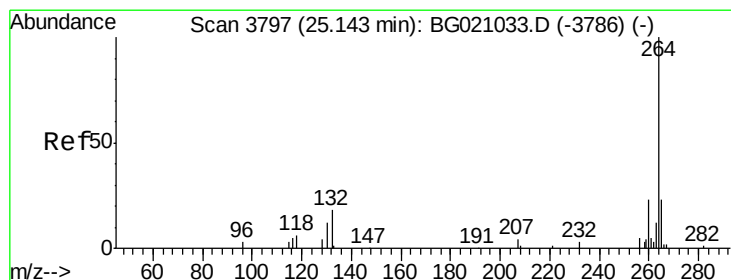
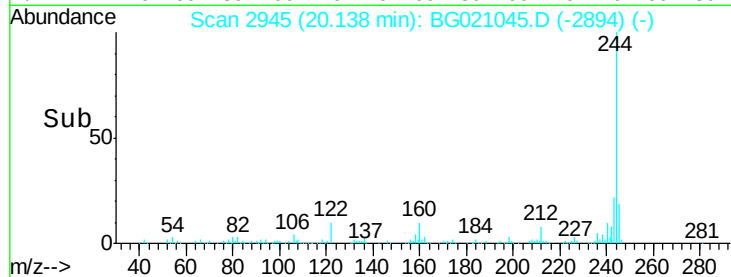
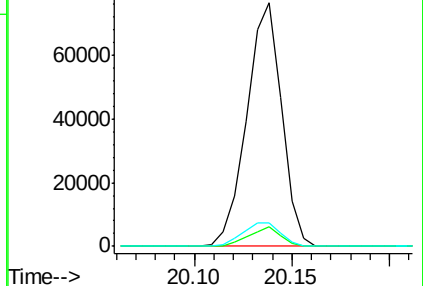
122 9.6 8.3 12.5



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: 25.14 min Scan# 3796

Delta R.T. -0.01 min

Lab File: BG021045.D

Acq: 24 Feb 2016 3:55

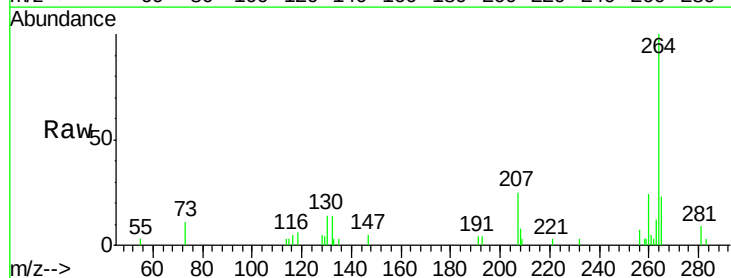
Tgt Ion:264 Resp: 17014

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 22.6 18.6 28.0



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

