

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023902.D
 Acq On : 25 Aug 2016 20:27
 Operator : UM/SJ
 Sample : H4592-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Aug 26 01:24:16 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

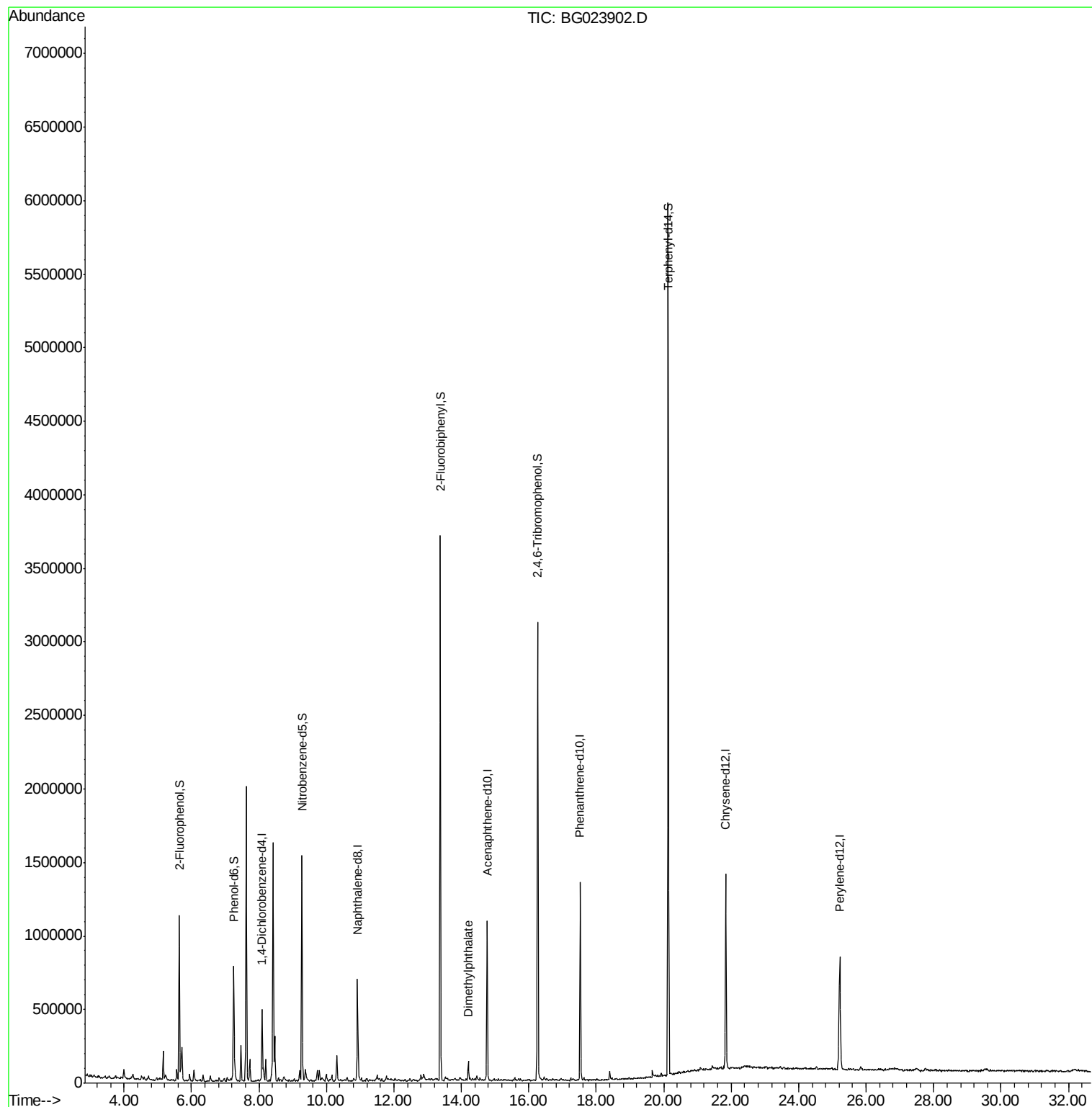
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	129451	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	559560	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	360022	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	825602	20.00	ng	0.00
75) Chrysene-d12	21.84	240	853051	20.00	ng	0.00
86) Perylene-d12	25.22	264	830297	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	482049	62.68	ng	0.00
7) Phenol-d6	7.25	99	455463	38.02	ng	0.00
23) Nitrobenzene-d5	9.27	82	943982	83.87	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	531585	100.95	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1794035	84.05	ng	0.00
78) Terphenyl-d14	20.13	244	2317354	85.02	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	84538	3.06	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: 8.09 min Scan# 894

Delta R.T. -0.01 min

Lab File: BG023902.D

Acq: 25 Aug 2016 20:27

Instrument :

BNA_G

ClientSampleId :

MW-1

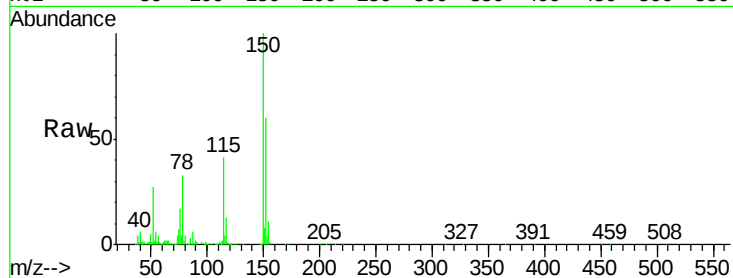
Tgt Ion:152 Resp: 129451

Ion Ratio Lower Upper

152 100

150 166.2 144.7 217.1

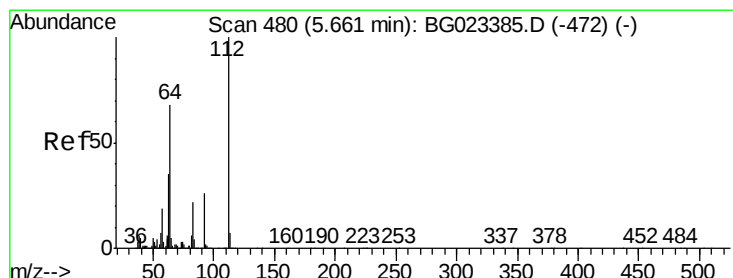
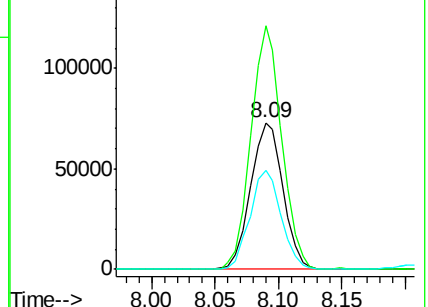
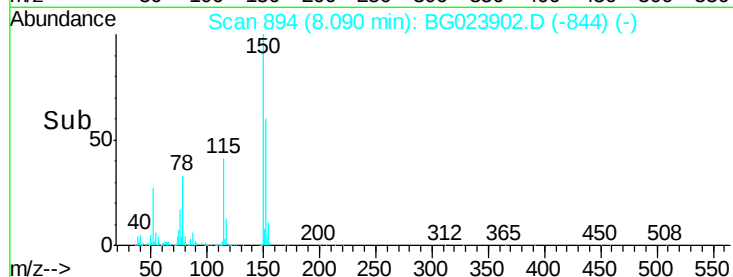
115 67.5 64.0 96.0



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: 62.68 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.01 min

Lab File: BG023902.D

Acq: 25 Aug 2016 20:27

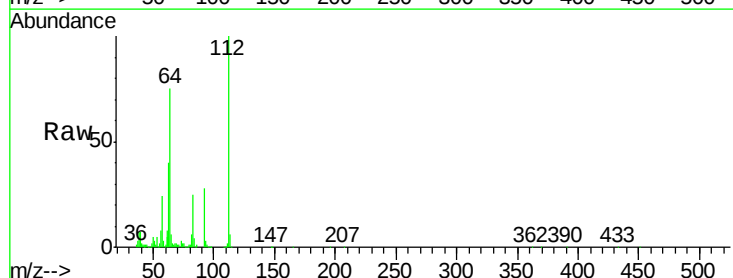
Tgt Ion:112 Resp: 482049

Ion Ratio Lower Upper

112 100

64 75.2 59.0 88.4

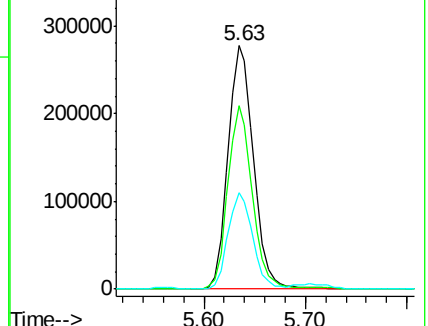
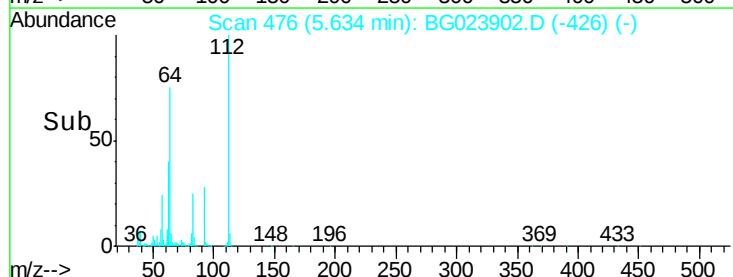
63 39.7 37.8 56.8

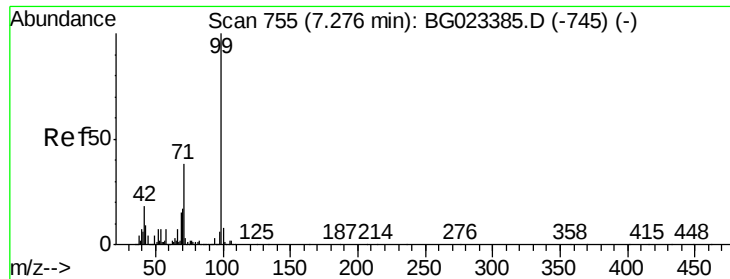


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.02 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG023902.D

Acq: 25 Aug 2016 20:27

Instrument :

BNA_G

ClientSampleId :

MW-1

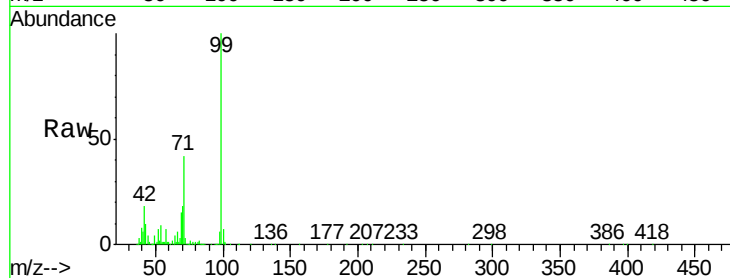
Tgt Ion: 99 Resp: 455463

Ion Ratio Lower Upper

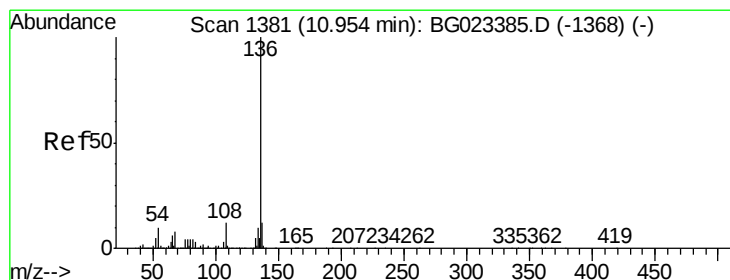
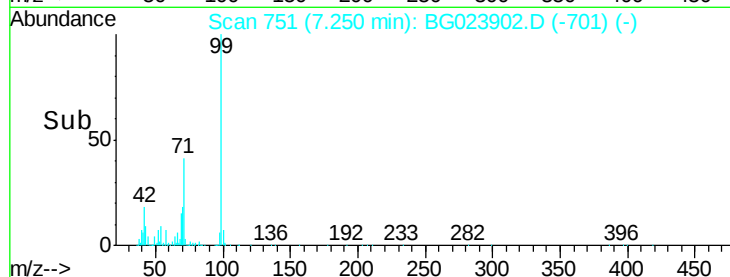
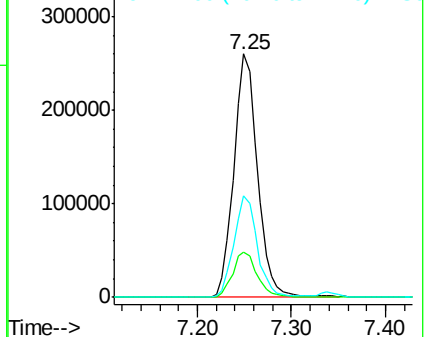
99 100

42 18.3 17.8 26.6

71 41.7 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: 10.92 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BG023902.D

Acq: 25 Aug 2016 20:27

Tgt Ion: 136 Resp: 559560

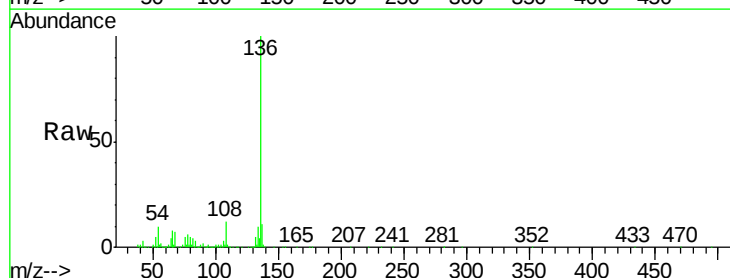
Ion Ratio Lower Upper

136 100

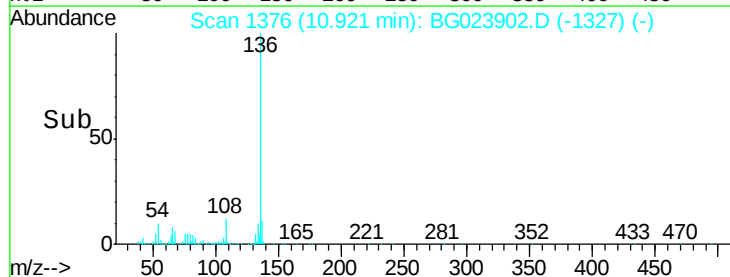
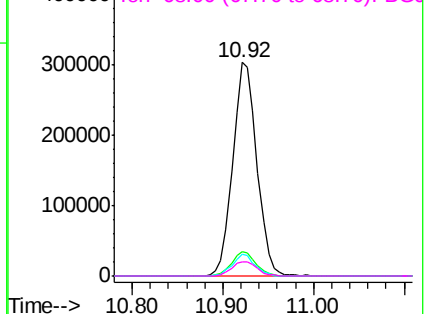
137 11.3 9.6 14.4

54 10.4 7.3 10.9

68 6.6 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

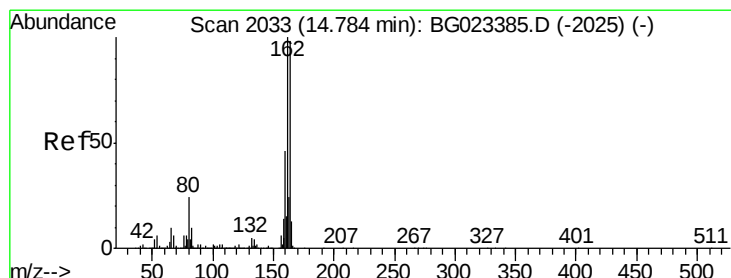
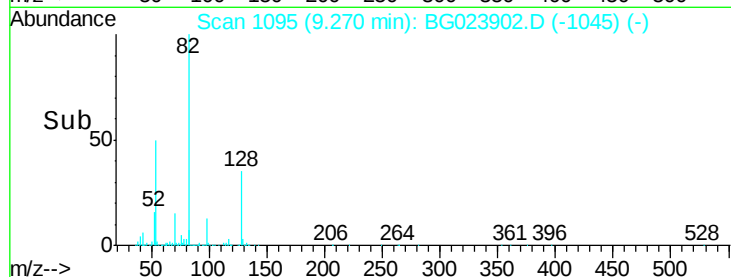
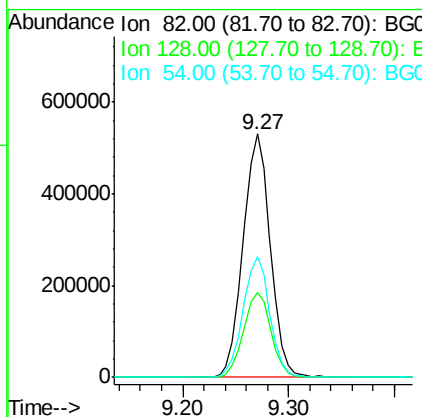
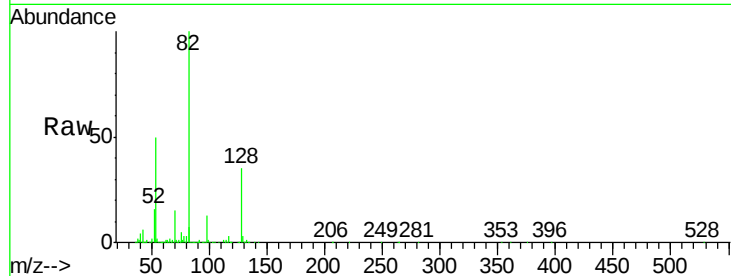




#23
 Nitrobenzene-d5
 Concen: 83.87 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BG023902.D
 Acq: 25 Aug 2016 20:27

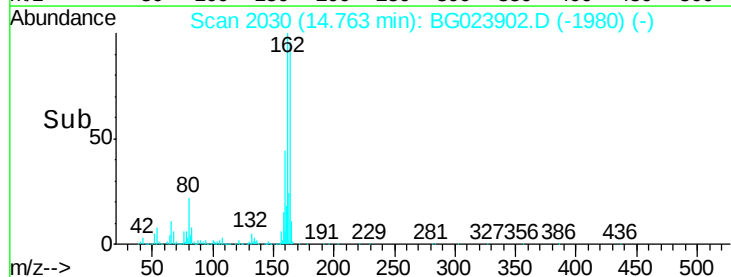
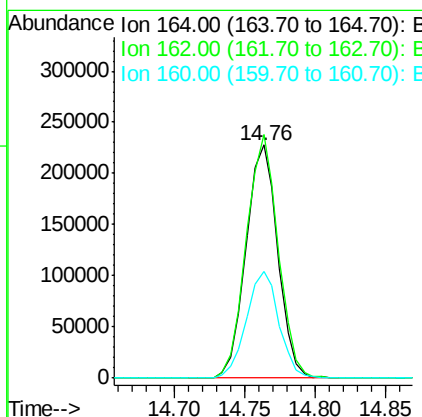
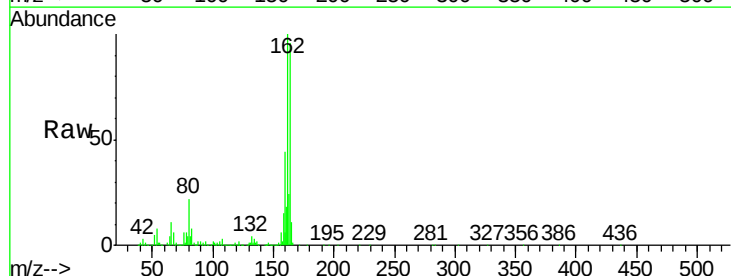
Instrument :
 BNA_G
 ClientSampleId :
 MW-1

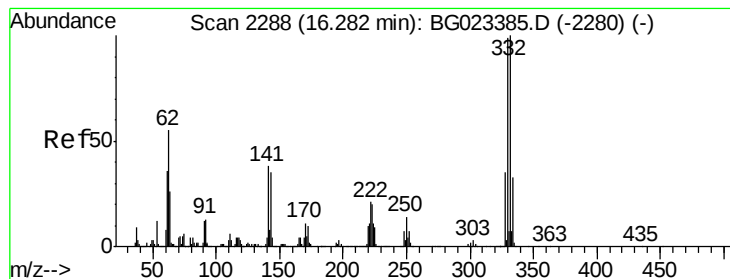
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.8	24.4	36.6
54	49.6	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BG023902.D
 Acq: 25 Aug 2016 20:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	87.7	131.5
160	45.5	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 100.95 ng

RT: 16.26 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BG023902.D

Acq: 25 Aug 2016 20:27

Instrument :

BNA_G

ClientSampleId :

MW-1

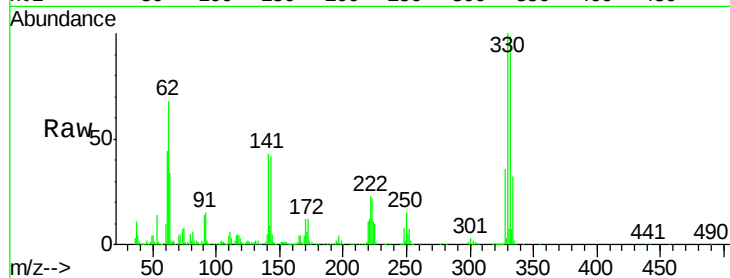
Tgt Ion:330 Resp: 531585

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

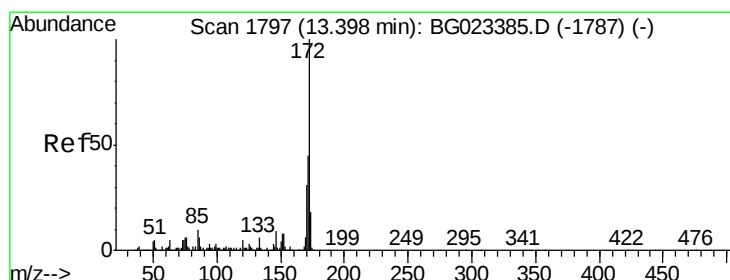
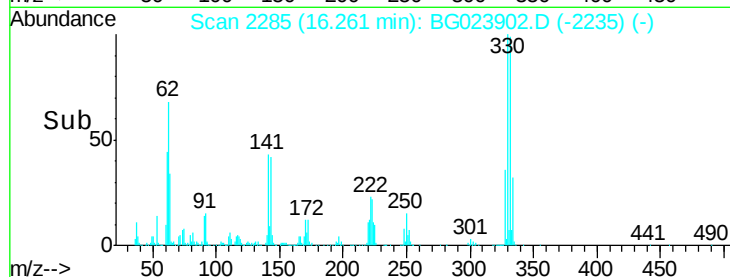
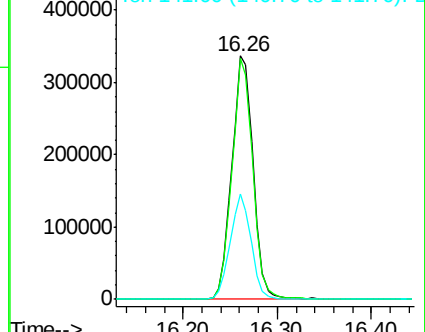
141 42.4 31.7 47.5



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: 84.05 ng

RT: 13.38 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BG023902.D

Acq: 25 Aug 2016 20:27

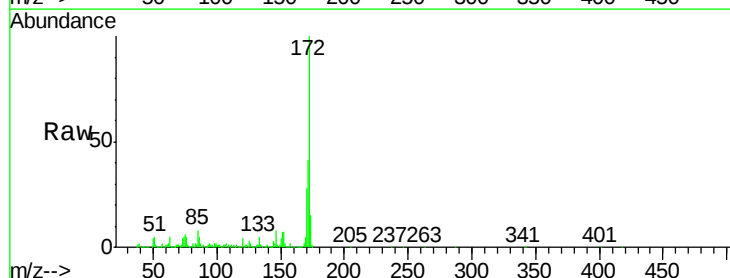
Tgt Ion:172 Resp: 1794035

Ion Ratio Lower Upper

172 100

171 40.5 31.6 47.4

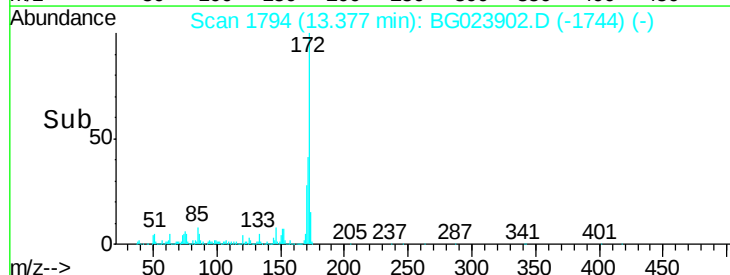
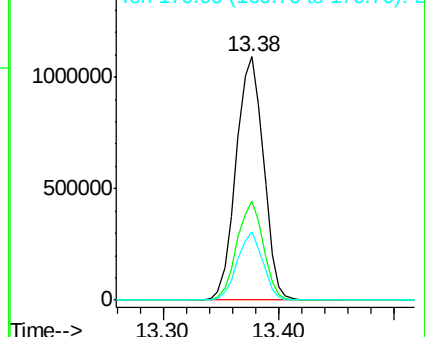
170 28.1 21.3 31.9

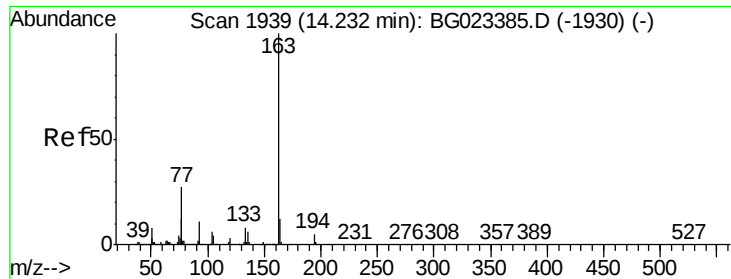


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.06 ng

RT: 14.20 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG023902.D

Acq: 25 Aug 2016 20:27

Instrument :

BNA_G

ClientSampleId :

MW-1

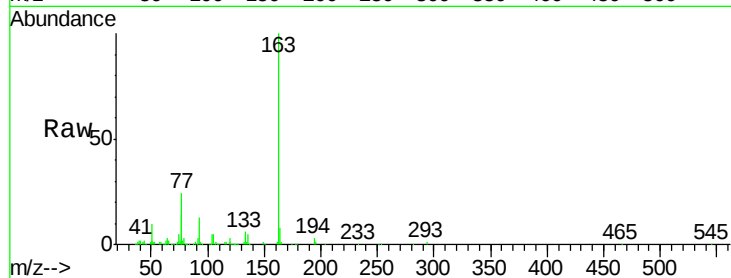
Tgt Ion:163 Resp: 84538

Ion Ratio Lower Upper

163 100

194 3.0 3.6 5.4#

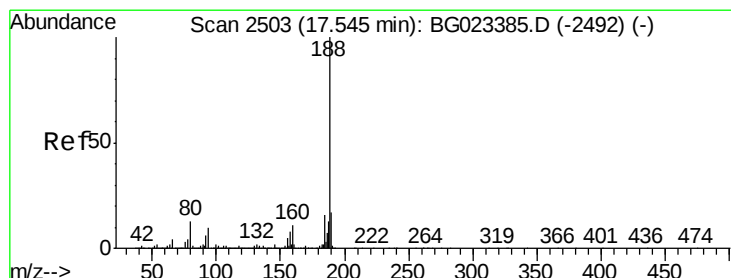
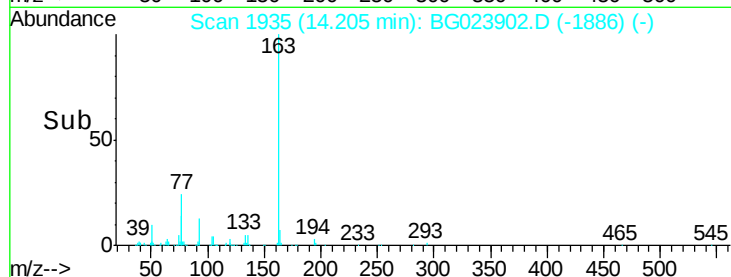
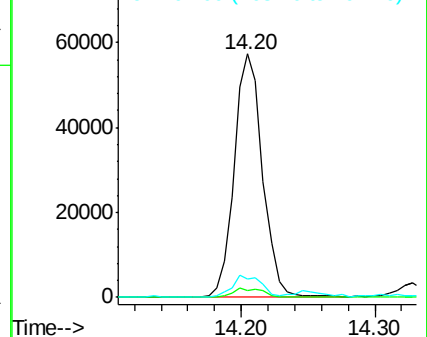
164 7.7 8.1 12.1#



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: 17.52 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BG023902.D

Acq: 25 Aug 2016 20:27

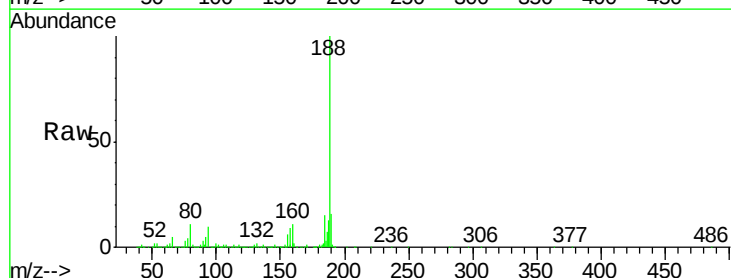
Tgt Ion:188 Resp: 825602

Ion Ratio Lower Upper

188 100

94 9.8 5.2 7.8#

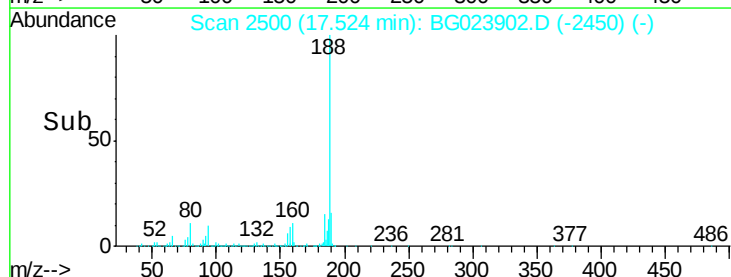
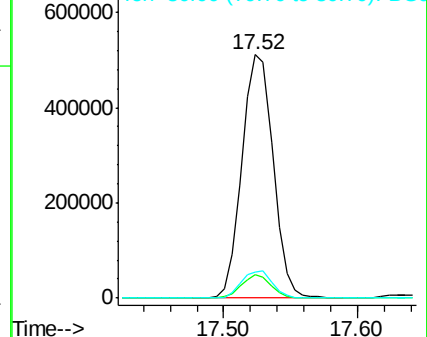
80 10.9 7.2 10.8#

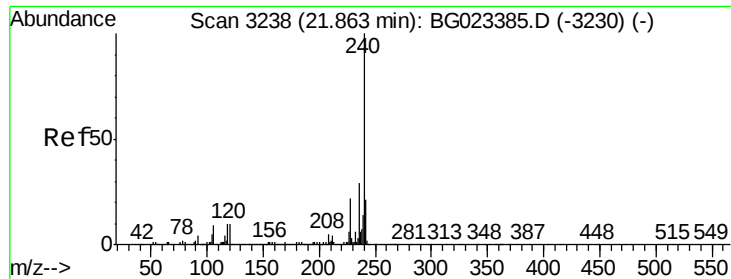


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.84 min Scan# 3235

Delta R.T. -0.01 min

Lab File: BG023902.D

Acq: 25 Aug 2016 20:27

Instrument :

BNA_G

ClientSampleId :

MW-1

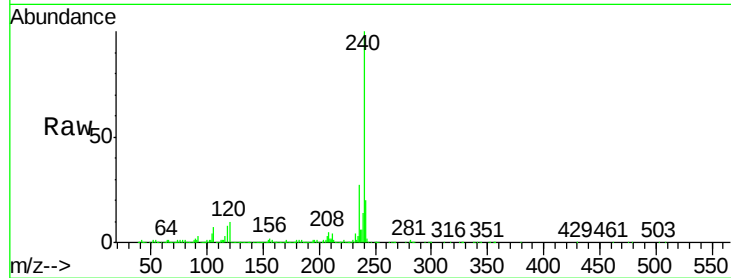
Tgt Ion:240 Resp: 853051

Ion Ratio Lower Upper

240 100

120 9.6 4.1 6.1#

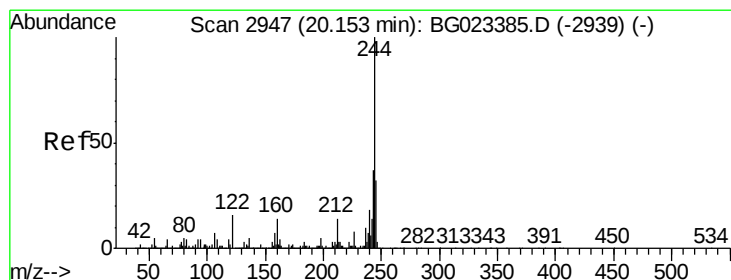
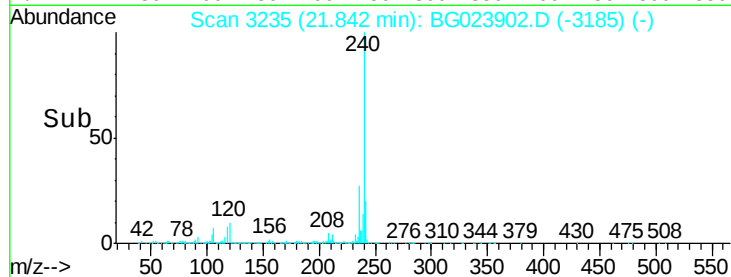
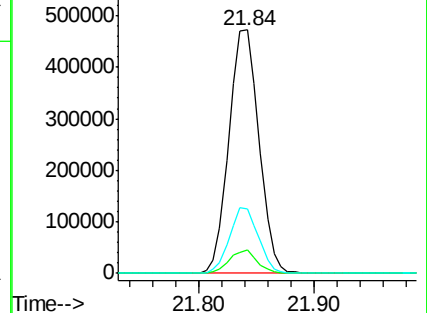
236 26.7 21.1 31.7



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: 85.02 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BG023902.D

Acq: 25 Aug 2016 20:27

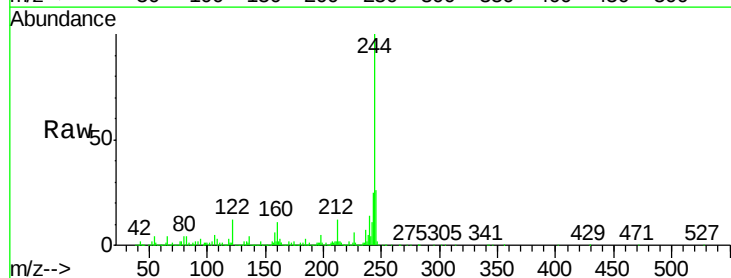
Tgt Ion:244 Resp: 2317354

Ion Ratio Lower Upper

244 100

212 11.6 10.8 16.2

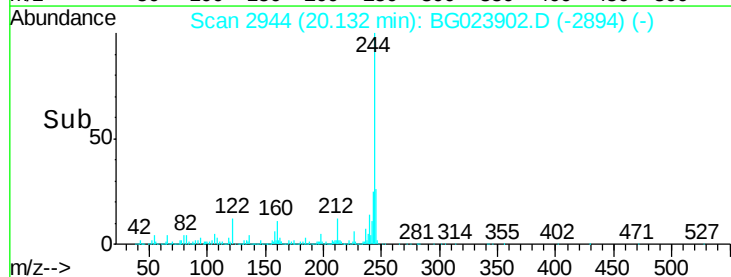
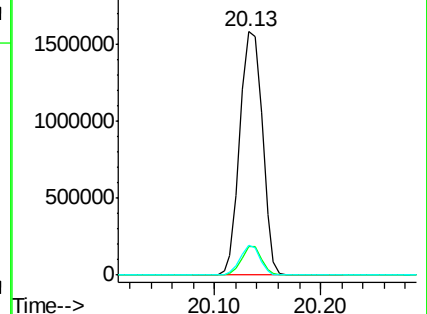
122 12.4 8.0 12.0#

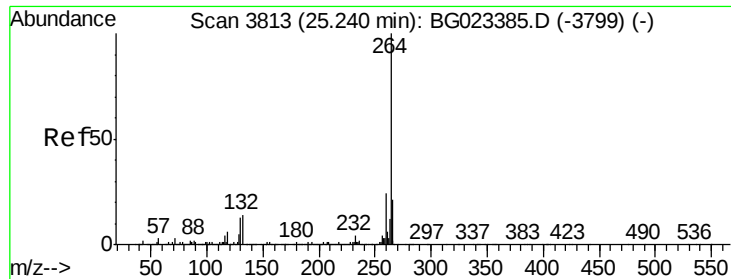


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3810
Delta R.T. -0.01 min
Lab File: BG023902.D
Acq: 25 Aug 2016 20:27

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:	264	Resp:	830297
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	23.2	18.9	28.3

