

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
 Data File : BG022995.D
 Acq On : 10 Jul 2016 11:28
 Operator : UM/SJ
 Sample : H3840-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5

Quant Time: Jul 11 02:36:32 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

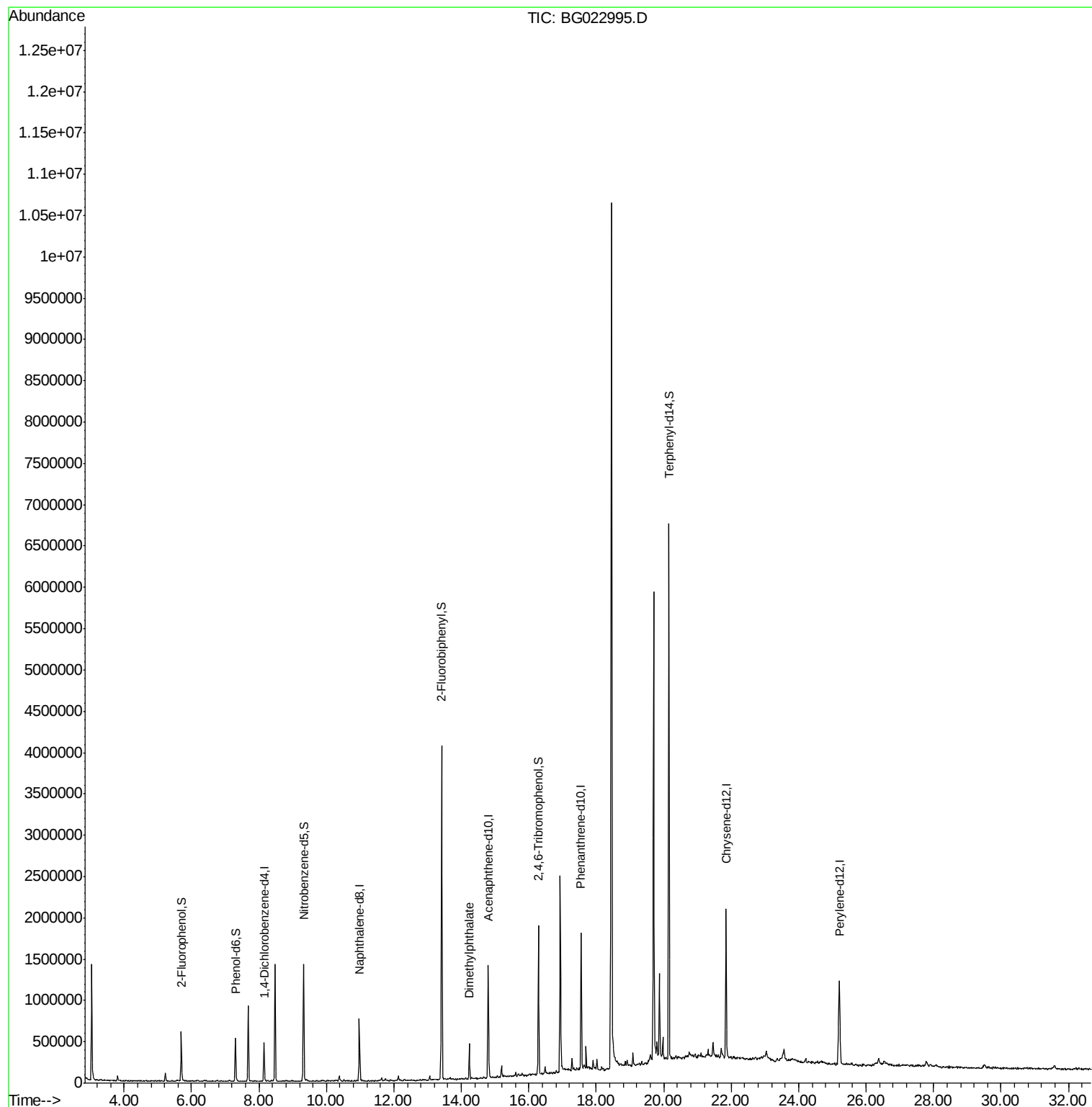
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	129344	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	613720	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	474015	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1035130	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1121881	20.00	ng	0.00
86) Perylene-d12	25.21	264	1126934	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	236504	29.91	ng	0.00
7) Phenol-d6	7.30	99	302068	24.39	ng	0.00
23) Nitrobenzene-d5	9.32	82	956927	66.76	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	327053	38.39	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1942431	64.55	ng	0.00
78) Terphenyl-d14	20.15	244	2566562	66.82	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	259137	6.69	ng	Qvalue 99

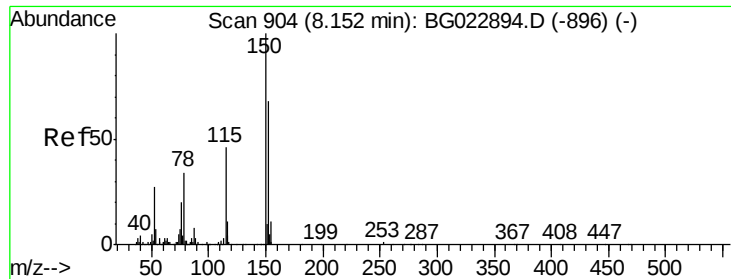
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG022995.D

Acq: 10 Jul 2016 11:28

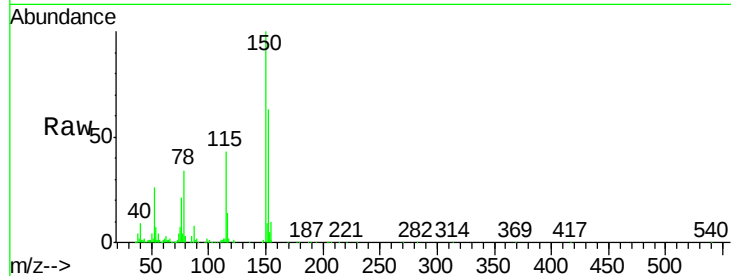
Instrument :

BNA_G

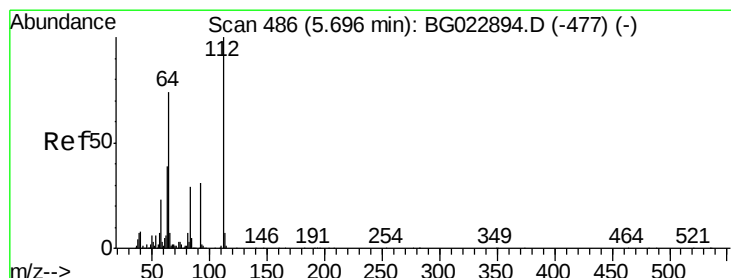
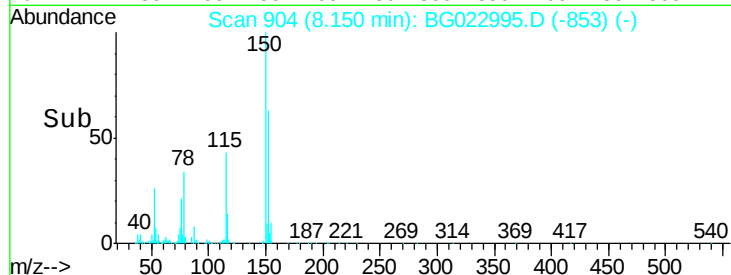
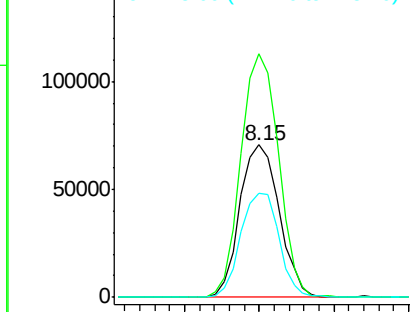
ClientSampleId :

MW-5

Tgt Ion:	152	Resp:	129344
Ion	Ratio	Lower	Upper
152	100		
150	159.8	144.7	217.1
115	68.2	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: 29.91 ng

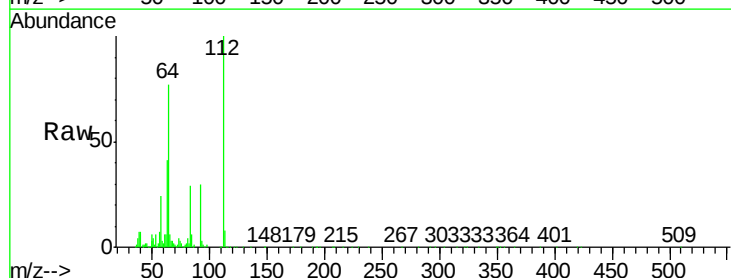
RT: 5.69 min Scan# 486

Delta R.T. -0.00 min

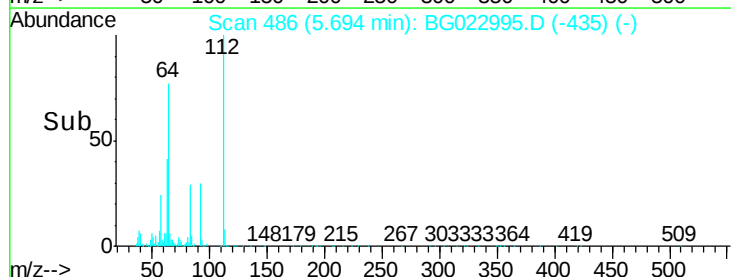
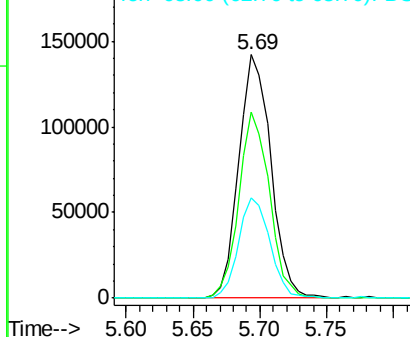
Lab File: BG022995.D

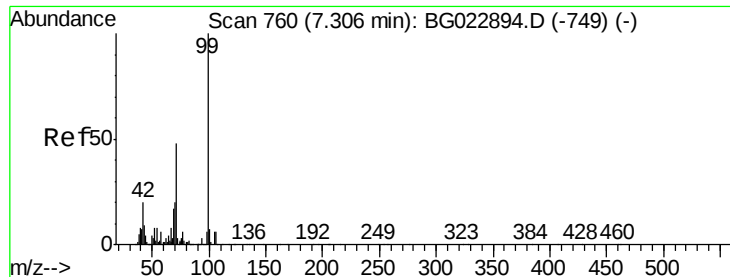
Acq: 10 Jul 2016 11:28

Tgt Ion:	112	Resp:	236504
Ion	Ratio	Lower	Upper
112	100		
64	76.5	59.0	88.4
63	41.3	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: 24.39 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022995.D

Acq: 10 Jul 2016 11:28

Instrument :

BNA_G

ClientSampleId :

MW-5

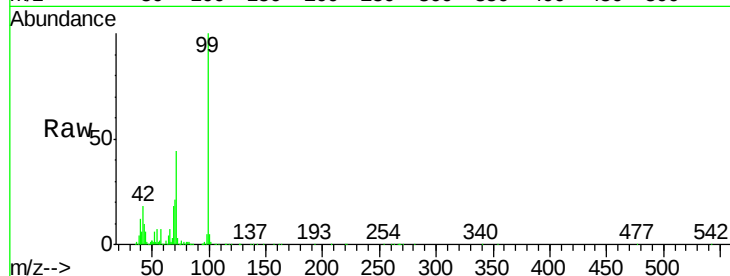
Tgt Ion: 99 Resp: 302068

Ion Ratio Lower Upper

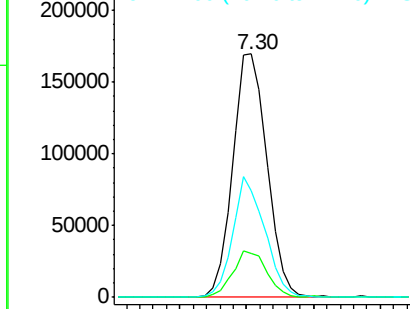
99 100

42 18.2 17.8 26.6

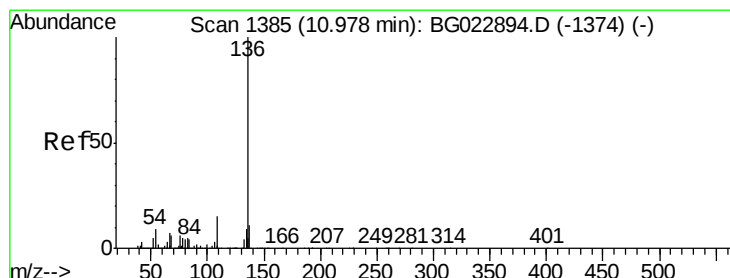
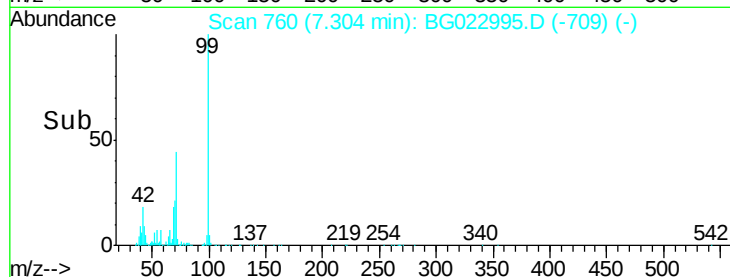
71 43.9 41.5 62.3



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG022995.D

Acq: 10 Jul 2016 11:28

Tgt Ion: 136 Resp: 613720

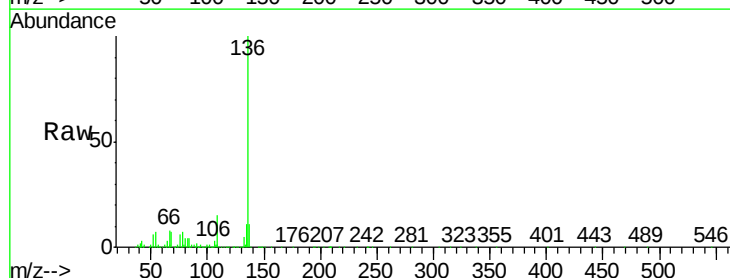
Ion Ratio Lower Upper

136 100

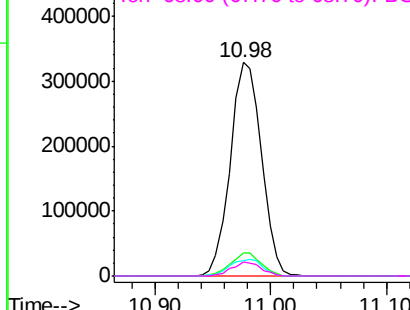
137 11.0 9.6 14.4

54 7.2 7.3 10.9#

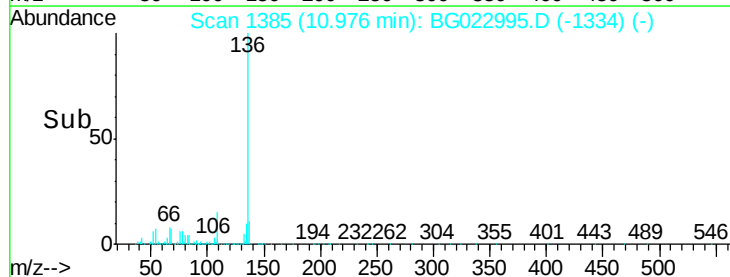
68 6.8 5.3 7.9

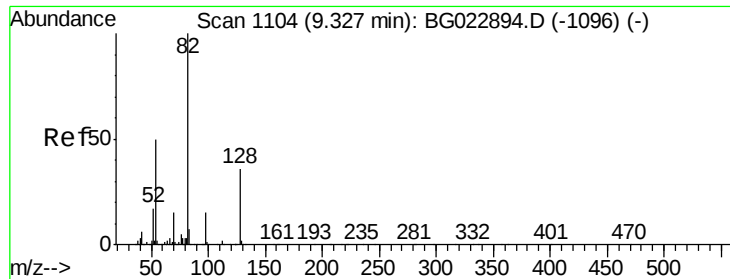


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

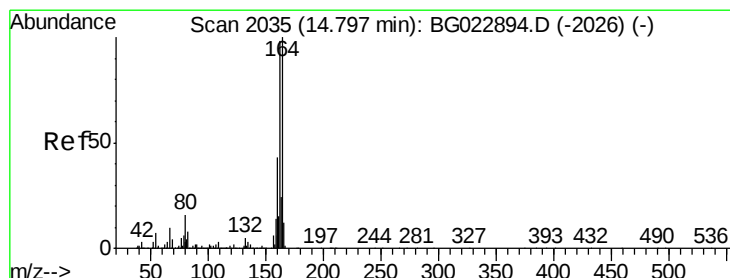
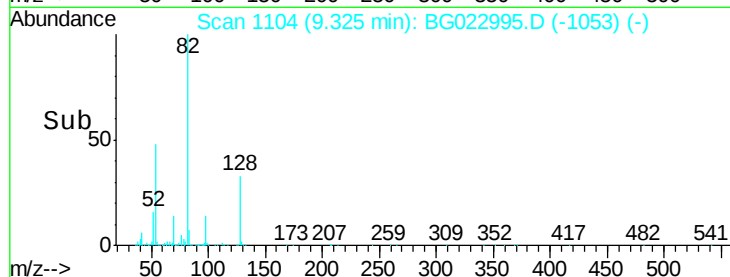
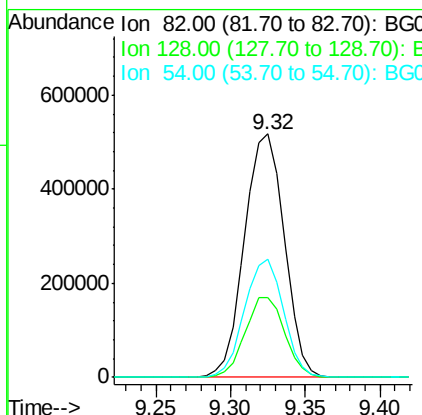
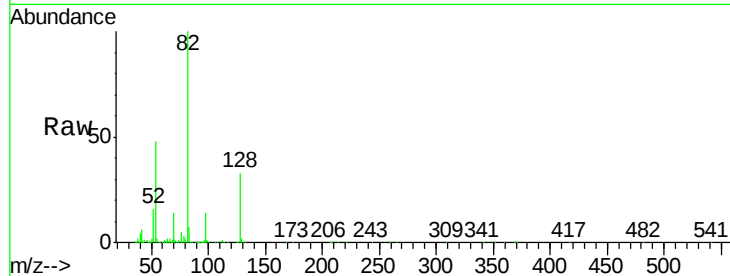




#23
 Nitrobenzene-d5
 Concen: 66.76 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022995.D
 Acq: 10 Jul 2016 11:28

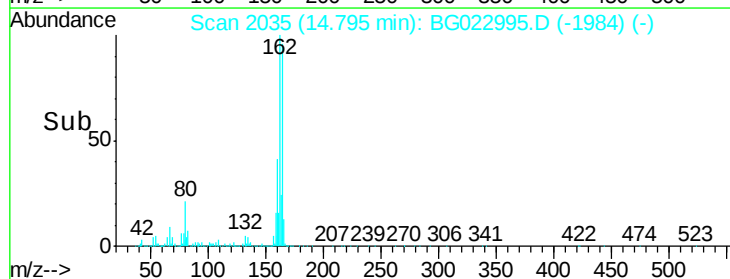
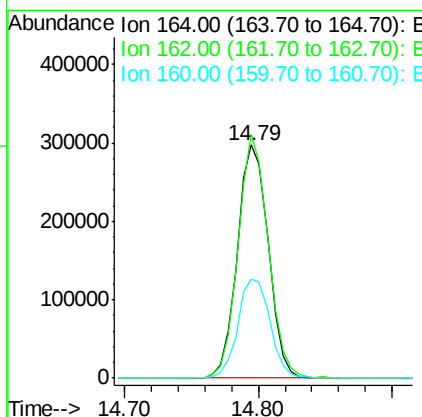
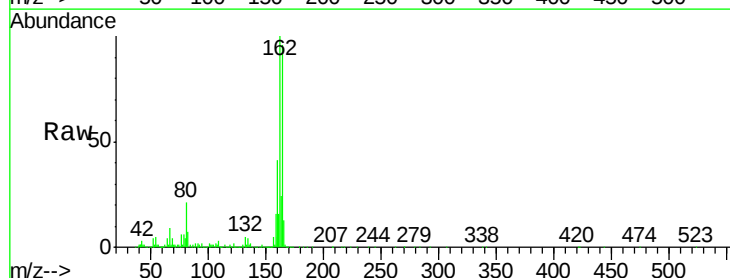
Instrument :
 BNA_G
 ClientSampleId :
 MW-5

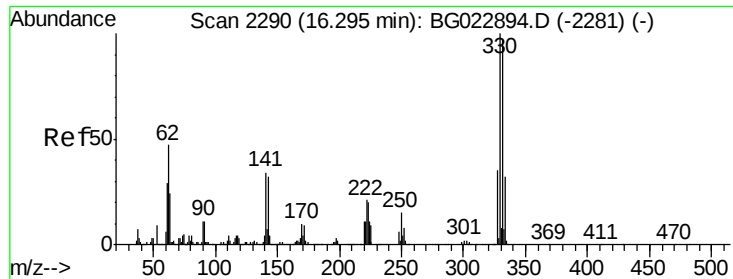
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.7	24.4	36.6
54	48.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022995.D
 Acq: 10 Jul 2016 11:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	87.7	131.5
160	42.4	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 38.39 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG022995.D

Acq: 10 Jul 2016 11:28

Instrument :

BNA_G

ClientSampled :

MW-5

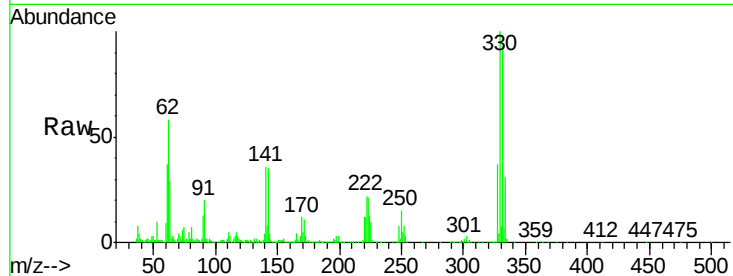
Tgt Ion:330 Resp: 327053

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

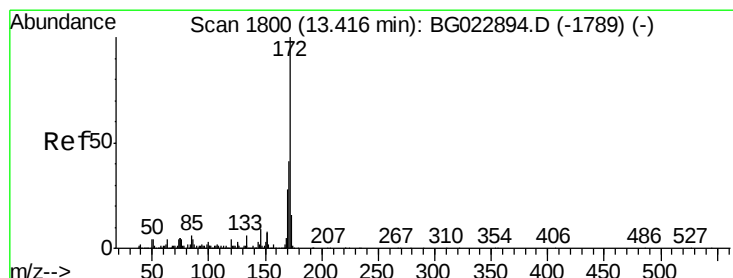
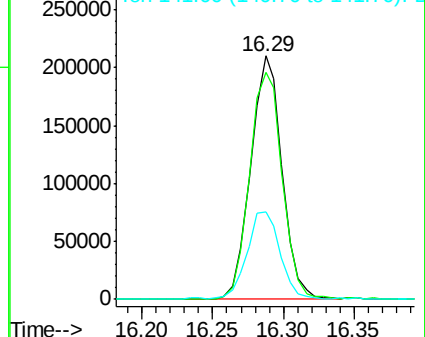
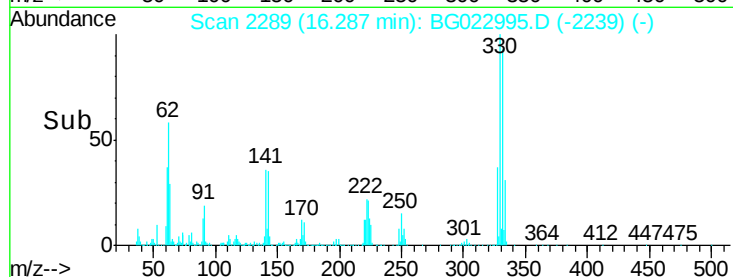
141 38.6 31.7 47.5



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: 64.55 ng

RT: 13.41 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BG022995.D

Acq: 10 Jul 2016 11:28

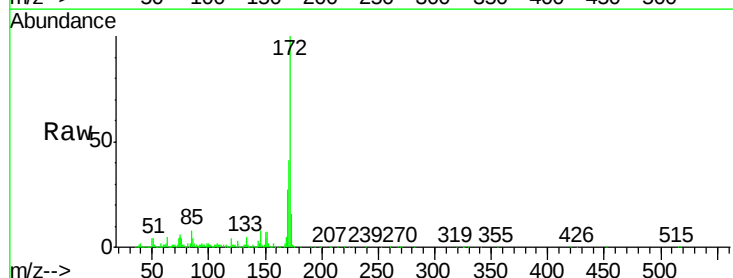
Tgt Ion:172 Resp: 1942431

Ion Ratio Lower Upper

172 100

171 40.5 31.6 47.4

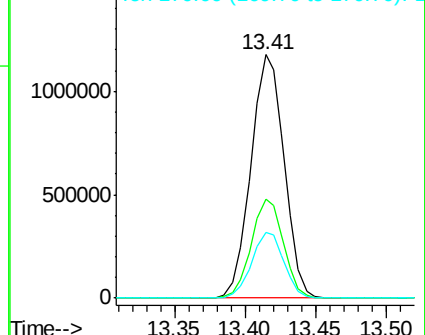
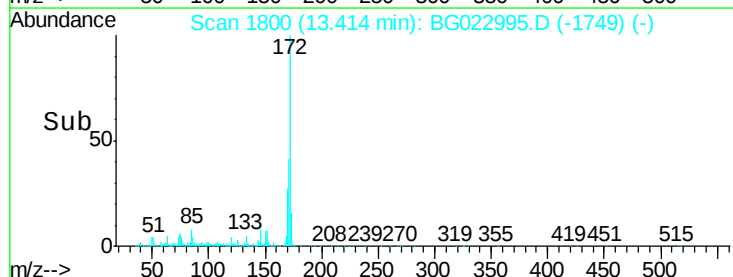
170 27.2 21.3 31.9

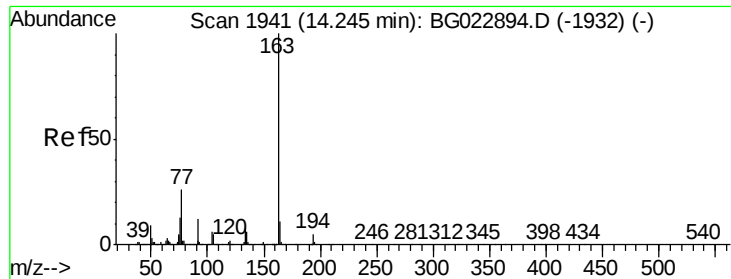


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.69 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022995.D

Acq: 10 Jul 2016 11:28

Instrument :

BNA_G

ClientSampleId :

MW-5

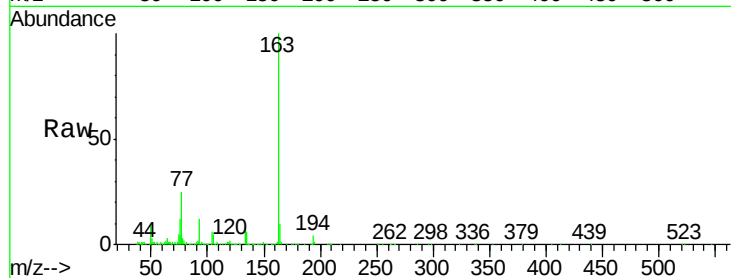
Tgt Ion:163 Resp: 259137

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

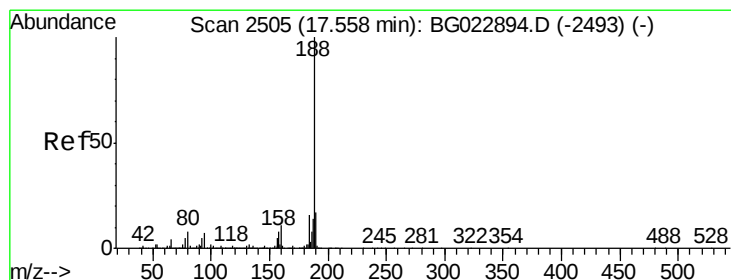
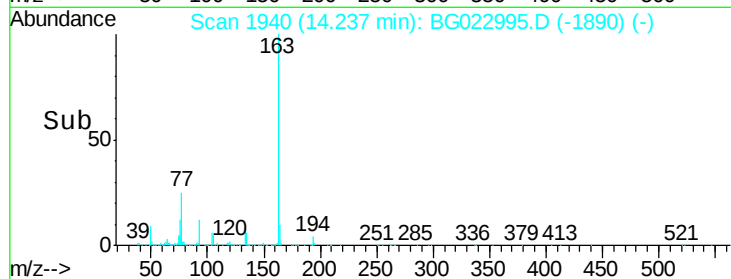
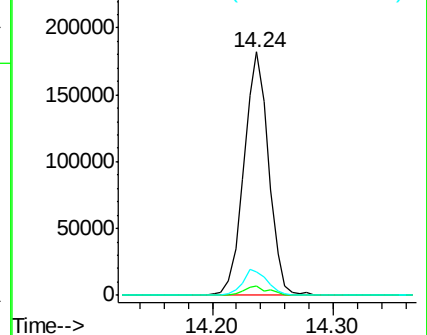
164 9.9 8.1 12.1



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# 2504

Delta R.T. -0.01 min

Lab File: BG022995.D

Acq: 10 Jul 2016 11:28

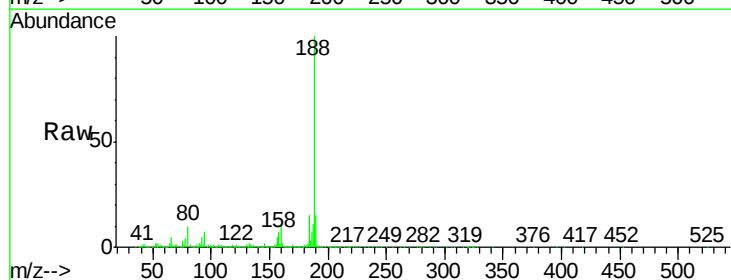
Tgt Ion:188 Resp: 1035130

Ion Ratio Lower Upper

188 100

94 7.1 5.2 7.8

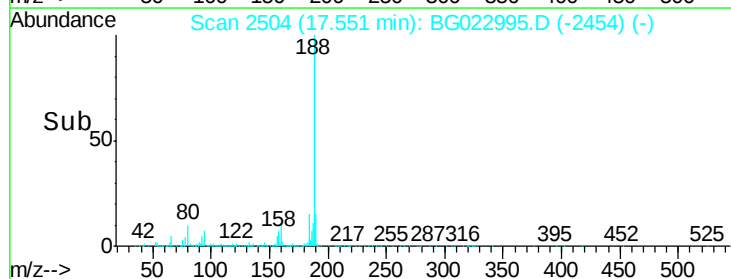
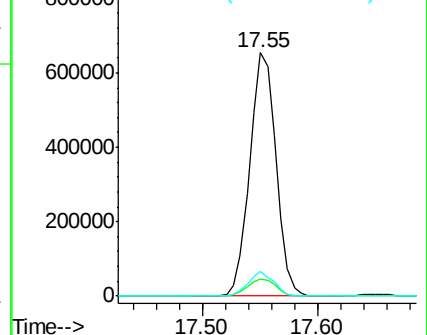
80 9.9 7.2 10.8

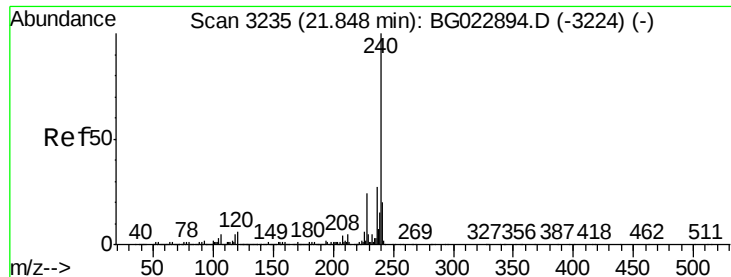


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

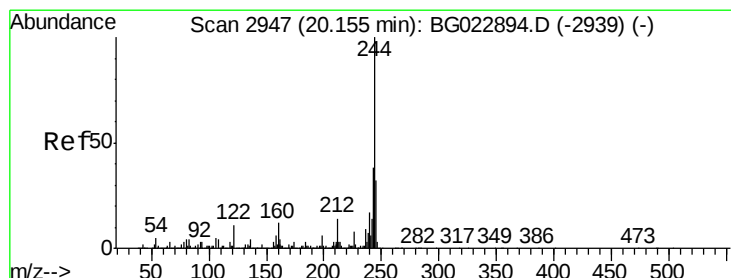
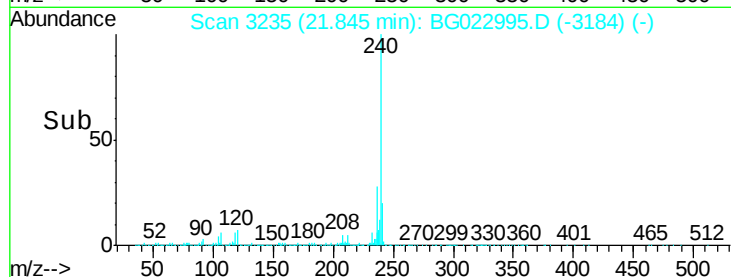
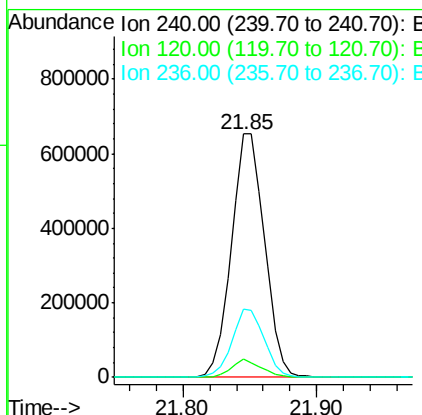
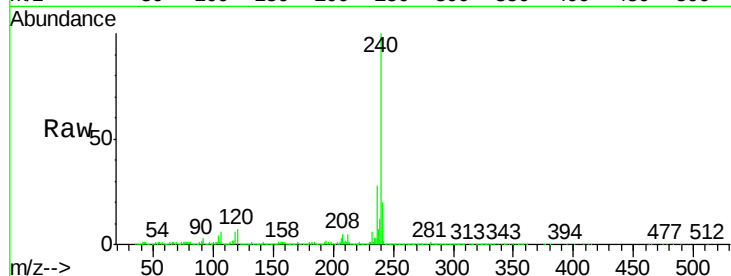




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022995.D
Acq: 10 Jul 2016 11:28

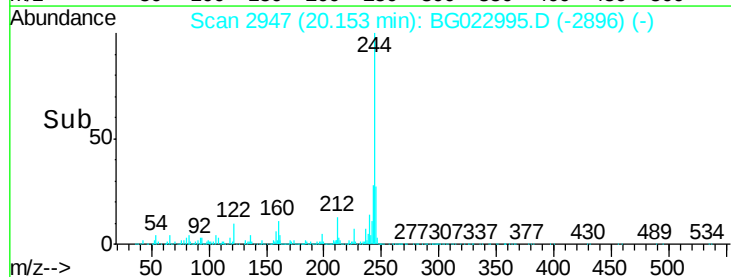
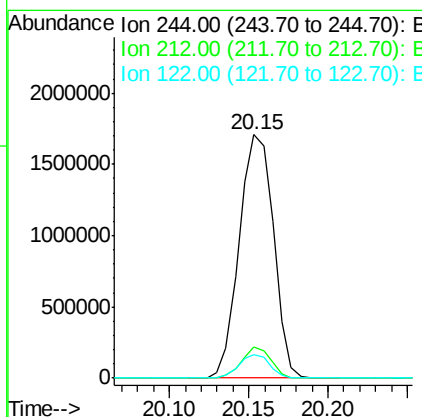
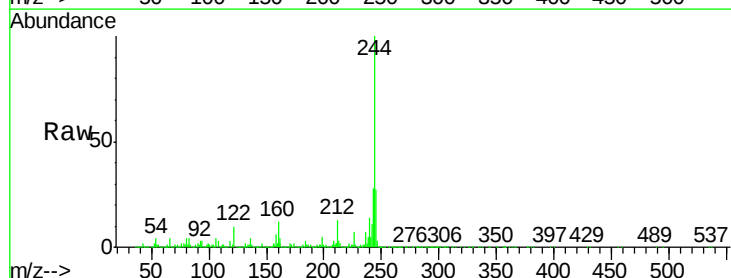
Instrument :
BNA_G
ClientSampleId :
MW-5

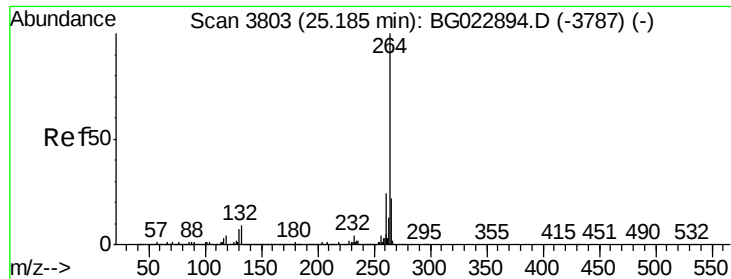
Tgt Ion:240 Resp: 1121881
Ion Ratio Lower Upper
240 100
120 7.3 4.1 6.1#
236 28.0 21.1 31.7



#78
Terphenyl-d14
Concen: 66.82 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG022995.D
Acq: 10 Jul 2016 11:28

Tgt Ion:244 Resp: 2566562
Ion Ratio Lower Upper
244 100
212 12.7 10.8 16.2
122 9.8 8.0 12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.02 min
Lab File: BG022995.D
Acq: 10 Jul 2016 11:28

Instrument :
BNA_G
ClientSampleId :
MW-5

Tgt Ion:264 Resp: 1126934

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.4	27.6
265	24.5	18.9	28.3

