

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
 Data File : BG021202.D
 Acq On : 2 Mar 2016 3:01
 Operator : UM/SJ
 Sample : H1577-04 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-B1-S1

Quant Time: Mar 02 03:55:31 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 17:40:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	13727	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	65727	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	35309	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	74419	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	76132	20.00	ng	-0.02
86) Perylene-d12	25.03	264	70197	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	4399	5.09	ng	0.00
7) Phenol-d6	7.29	99	7192	5.07	ng	0.00
23) Nitrobenzene-d5	9.31	82	5396	3.47	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	1532	4.17	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	8663	3.48	ng	-0.01
78) Terphenyl-d14	20.08	244	9934	3.16	ng	-0.01

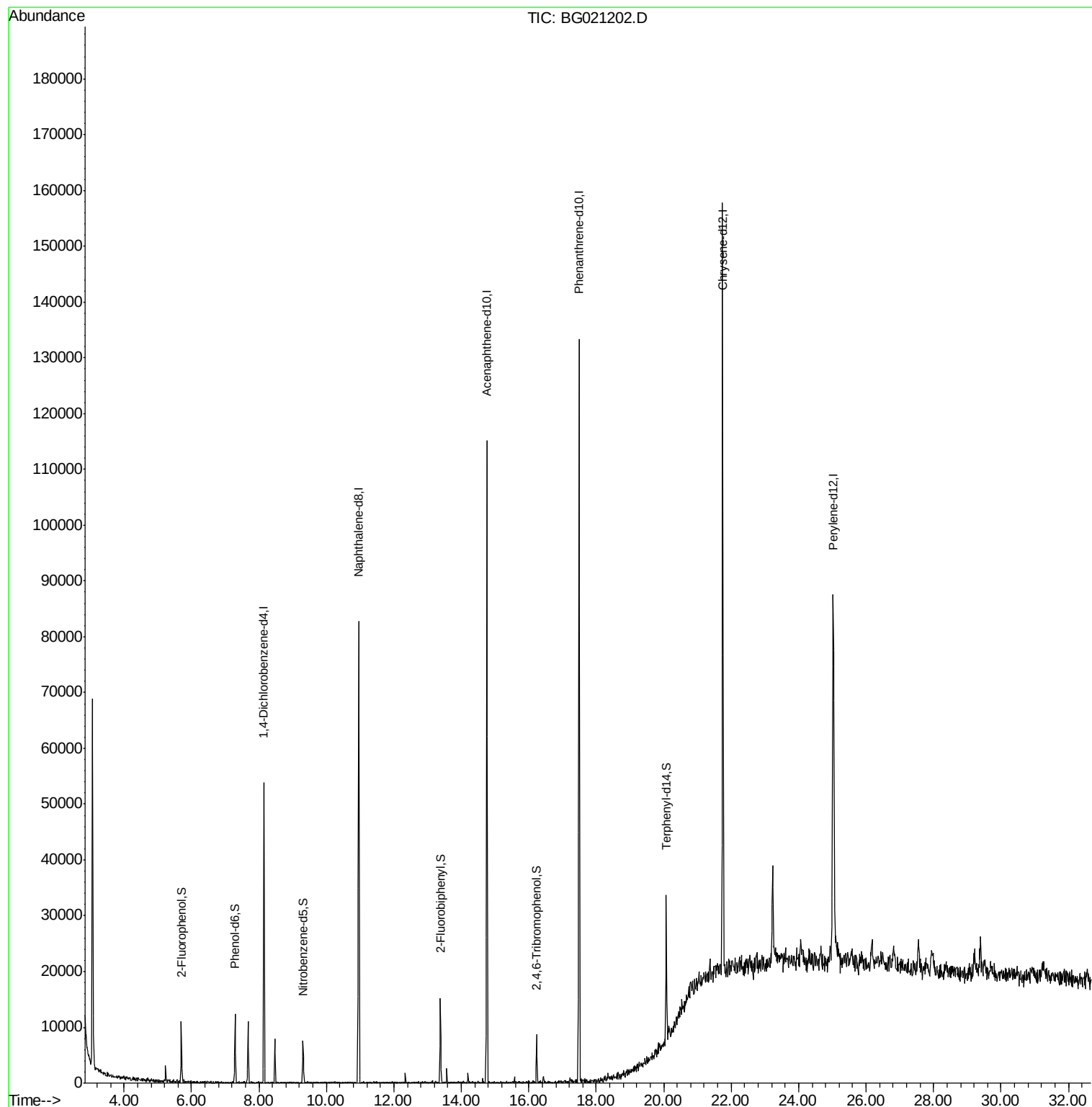
Target Compounds Qvalue

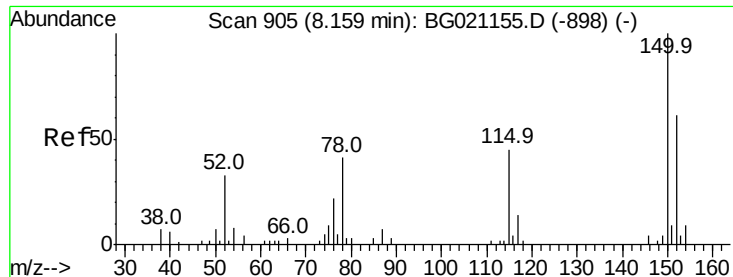
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 29 17:40:25 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG021202.D

Acq: 2 Mar 2016 3:01

Instrument :

BNA_G

ClientSampleId :

TEC-B1-S1

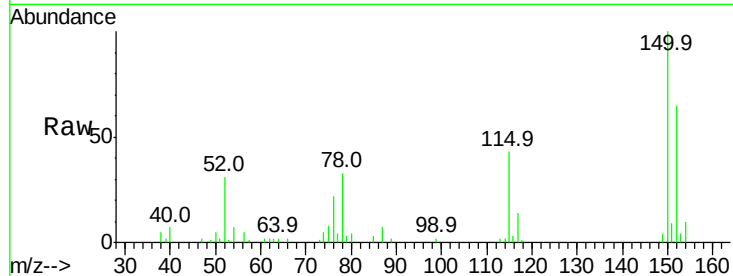
Tot Ion:152 Resp: 13727

Ion Ratio Lower Upper

152 100

150 154.1 123.4 185.2

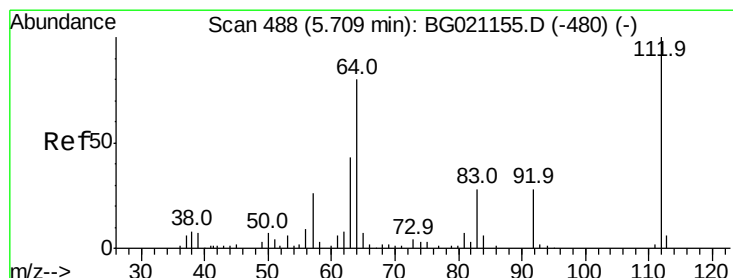
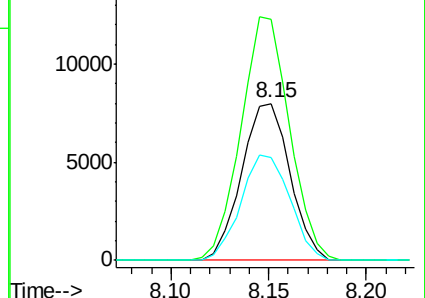
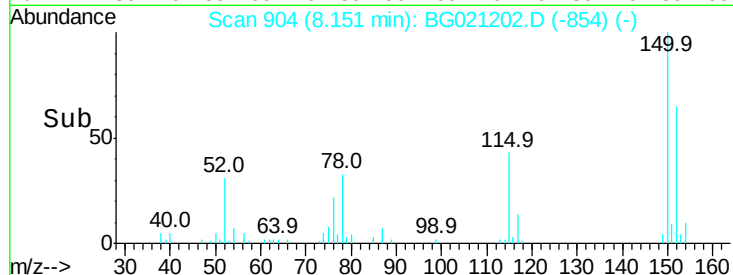
115 65.8 43.3 64.9#



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: 5.09 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.01 min

Lab File: BG021202.D

Acq: 2 Mar 2016 3:01

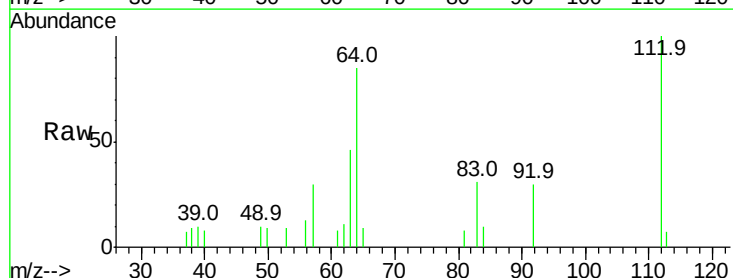
Tgt Ion:112 Resp: 4399

Ion Ratio Lower Upper

112 100

64 84.9 42.6 63.8#

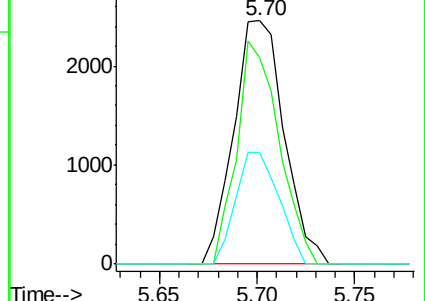
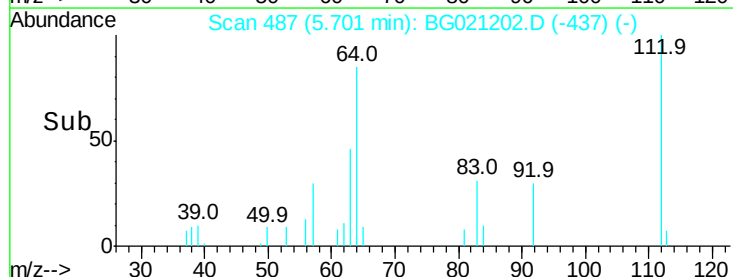
63 46.1 21.7 32.5#

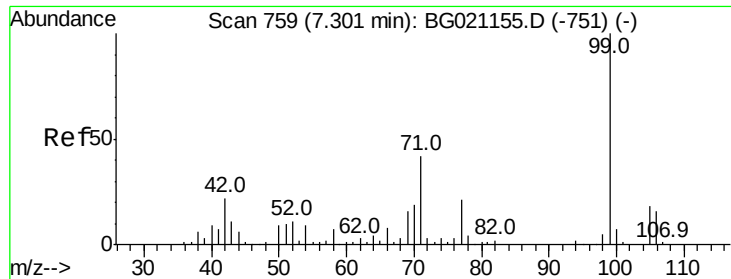


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 5.07 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG021202.D

Acq: 2 Mar 2016 3:01

Instrument :

BNA_G

ClientSampleId :

TEC-B1-S1

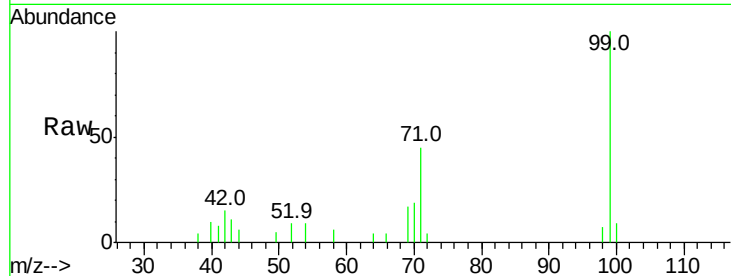
Tot Ion: 99 Resp: 7192

Ion Ratio Lower Upper

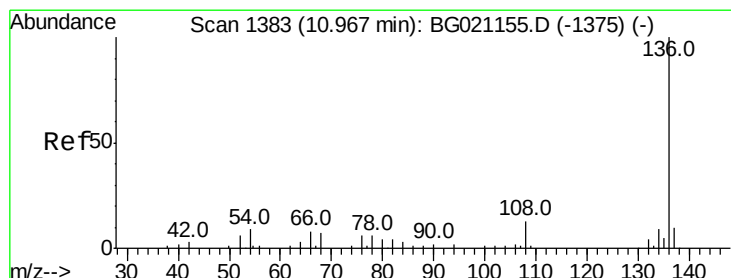
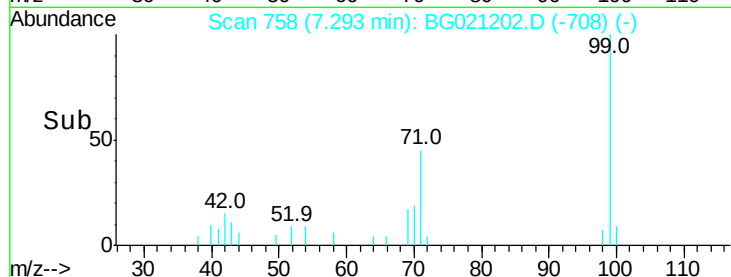
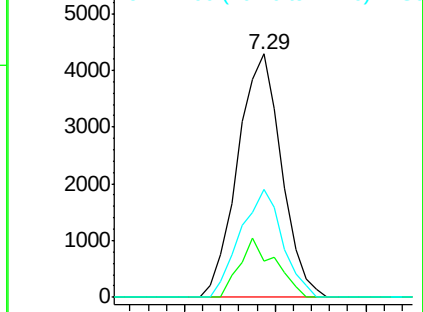
99 100

42 14.9 13.2 19.8

71 44.6 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: 10.96 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BG021202.D

Acq: 2 Mar 2016 3:01

Tgt Ion: 136 Resp: 65727

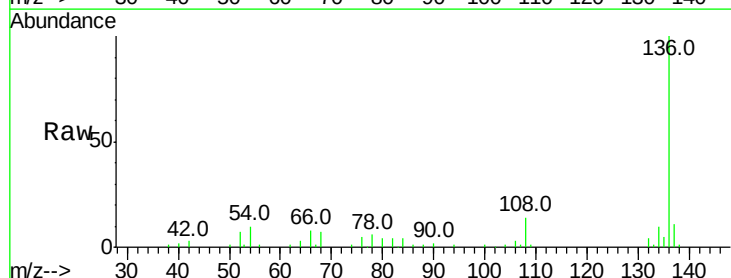
Ion Ratio Lower Upper

136 100

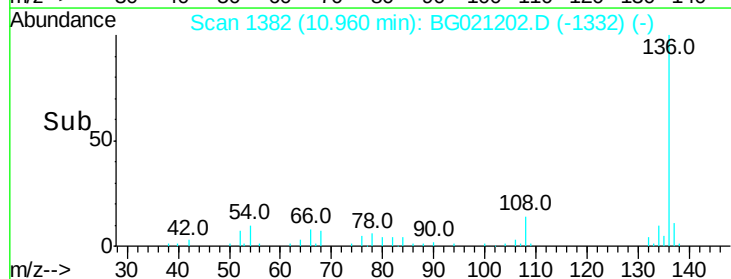
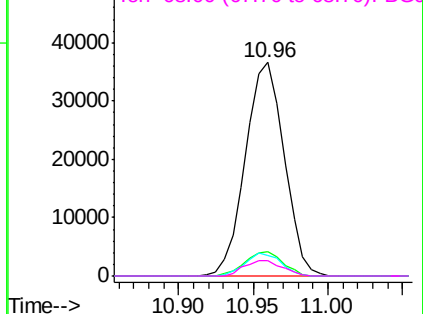
137 11.3 8.8 13.2

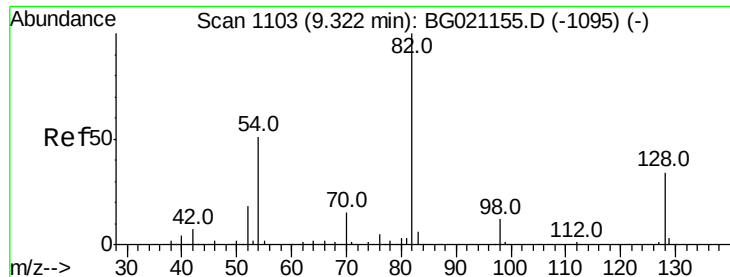
54 9.7 6.9 10.3

68 7.5 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

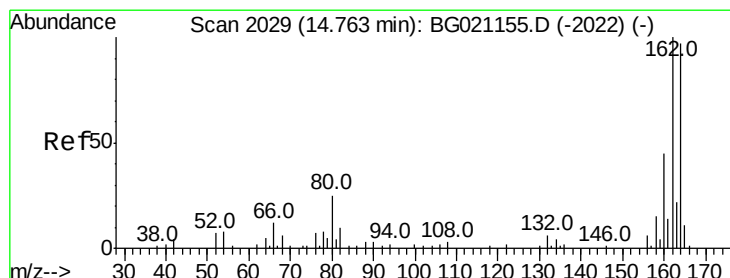
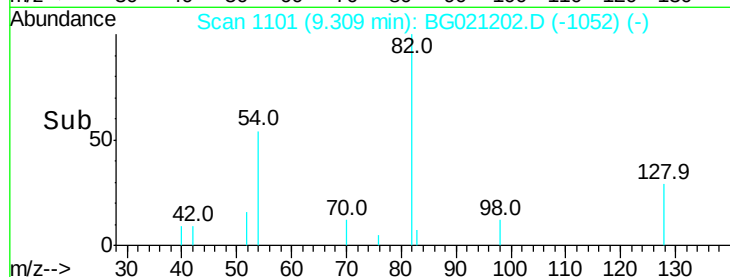
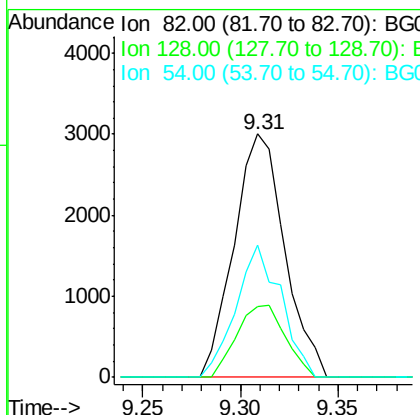
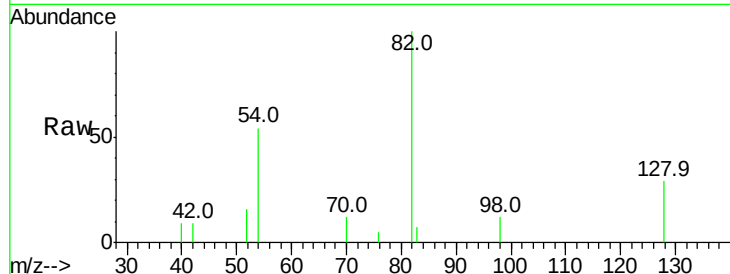




#23
 Nitrobenzene-d5
 Concen: 3.47 ng
 RT: 9.31 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BG021202.D
 Acq: 2 Mar 2016 3:01

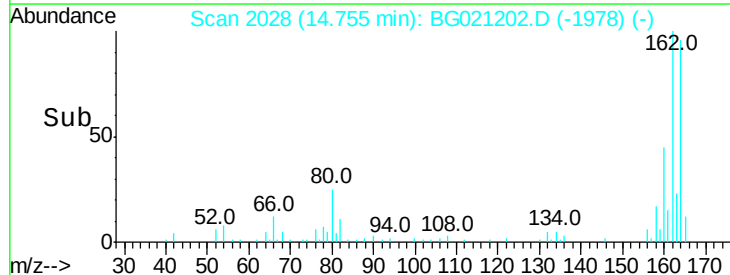
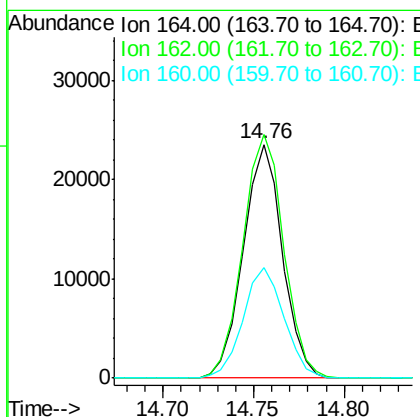
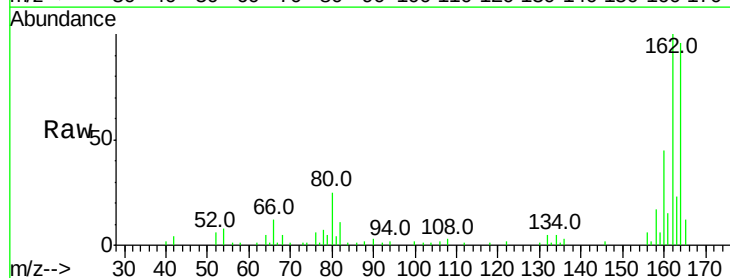
Instrument :
 BNA_G
 ClientSampleId :
 TEC-B1-S1

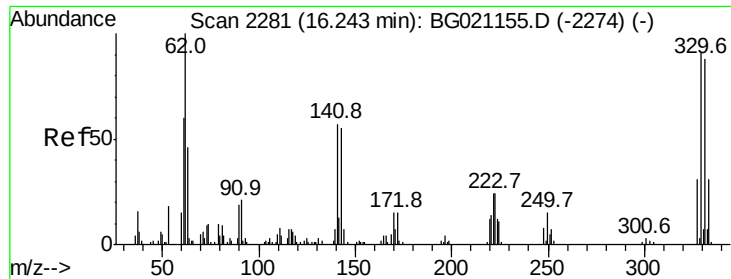
Tot Ion: 82 Resp: 5396
 Ion Ratio Lower Upper
 82 100
 128 29.2 36.3 54.5#
 54 54.5 37.6 56.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BG021202.D
 Acq: 2 Mar 2016 3:01

Tgt Ion: 164 Resp: 35309
 Ion Ratio Lower Upper
 164 100
 162 104.1 80.6 120.8
 160 47.2 36.5 54.7





#41

2,4,6-Tribromophenol

Concen: 4.17 ng

RT: 16.24 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BG021202.D

Acq: 2 Mar 2016 3:01

Instrument :

BNA_G

ClientSampleId :

TEC-B1-S1

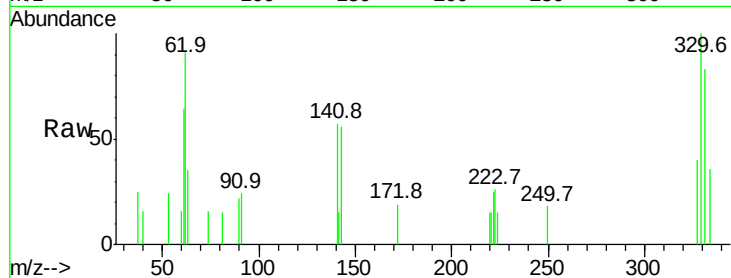
Tot Ion:330 Resp: 1532

Ion Ratio Lower Upper

330 100

332 90.1 77.4 116.0

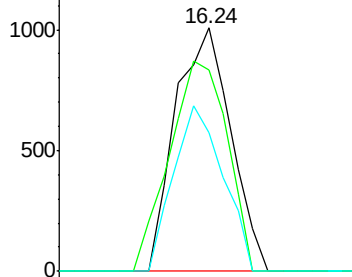
141 60.8 35.3 52.9#



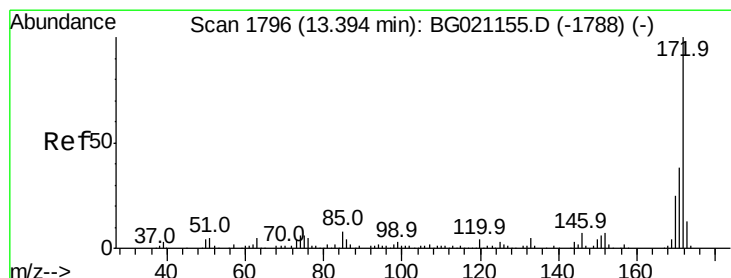
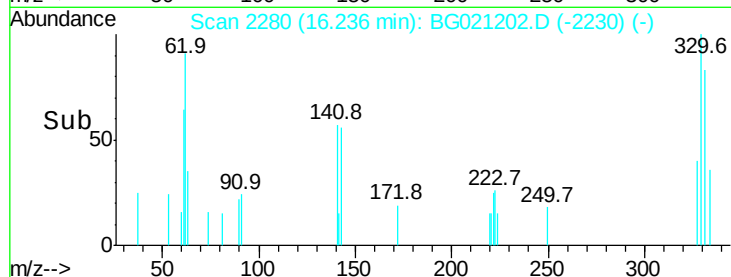
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#44

2-Fluorobiphenyl

Concen: 3.48 ng

RT: 13.38 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BG021202.D

Acq: 2 Mar 2016 3:01

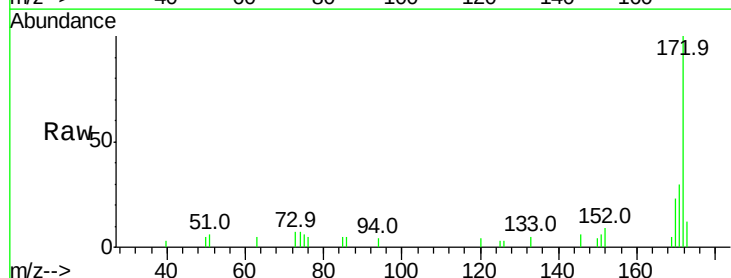
Tgt Ion:172 Resp: 8663

Ion Ratio Lower Upper

172 100

171 30.3 29.4 44.0

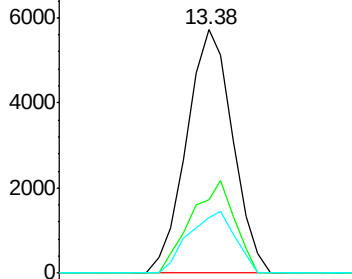
170 22.7 19.8 29.8



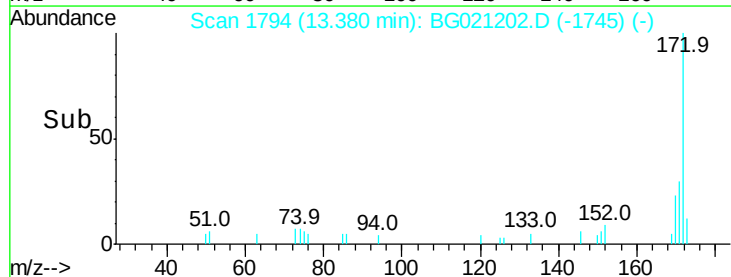
Abundance Ion 172.00 (171.70 to 172.70): E

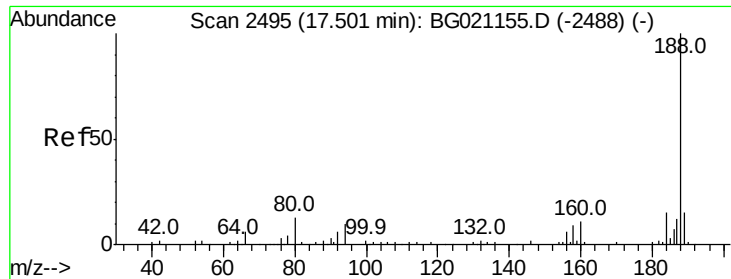
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->

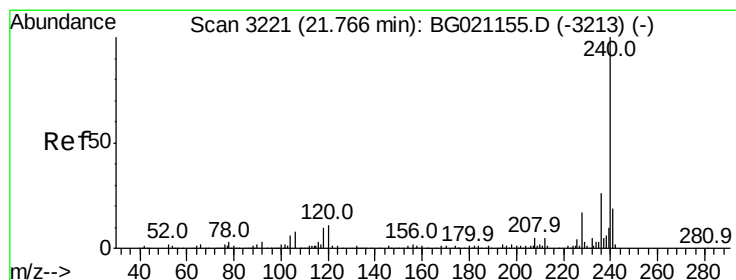
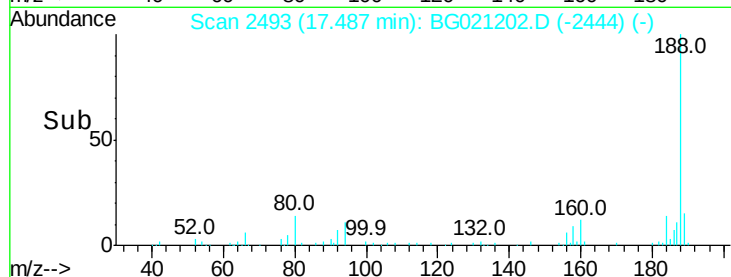
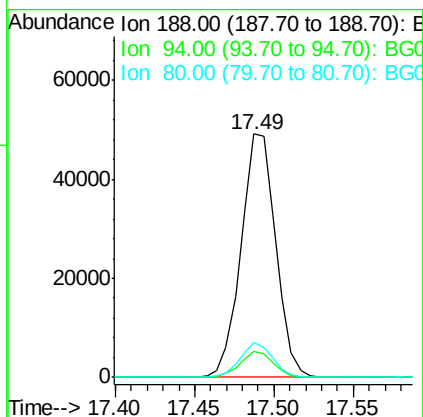
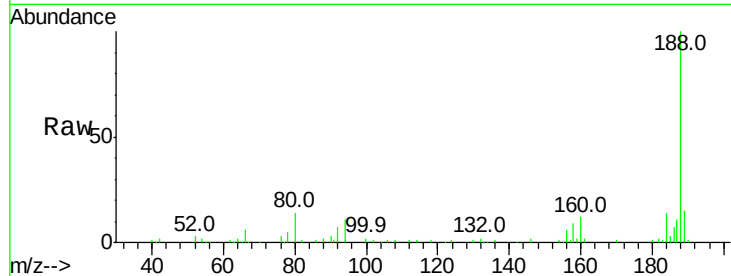




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2493
 Delta R.T. -0.01 min
 Lab File: BG021202.D
 Acq: 2 Mar 2016 3:01

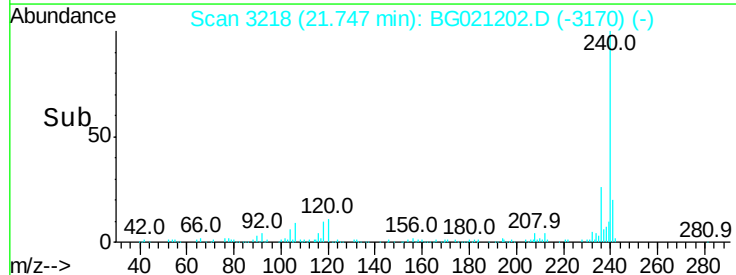
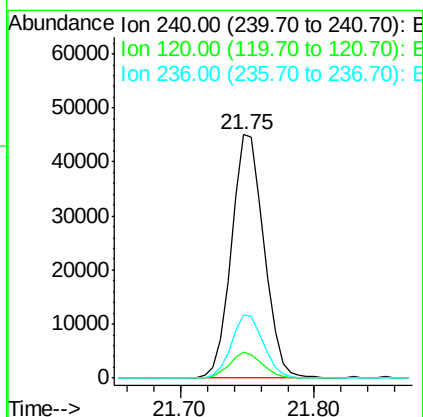
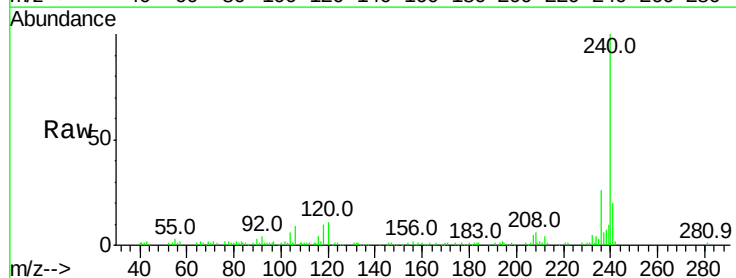
Instrument :
 BNA_G
 ClientSampleId :
 TEC-B1-S1

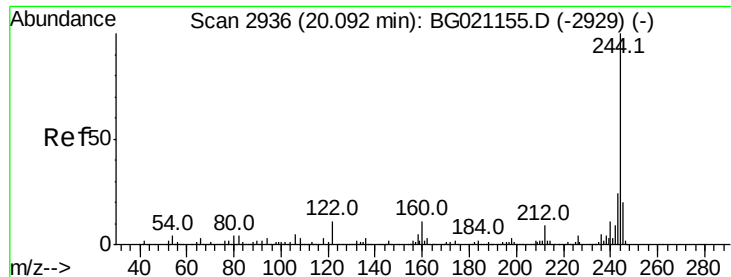
Tot Ion:188 Resp: 74419
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.2 12.4
 80 14.2 9.2 13.8#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.75 min Scan# 3218
 Delta R.T. -0.02 min
 Lab File: BG021202.D
 Acq: 2 Mar 2016 3:01

Tgt Ion:240 Resp: 76132
 Ion Ratio Lower Upper
 240 100
 120 10.9 7.5 11.3
 236 26.2 20.5 30.7





#78

Terphenyl-d14

Concen: 3.16 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BG021202.D

Acq: 2 Mar 2016 3:01

Instrument :

BNA_G

ClientSampleId :

TEC-B1-S1

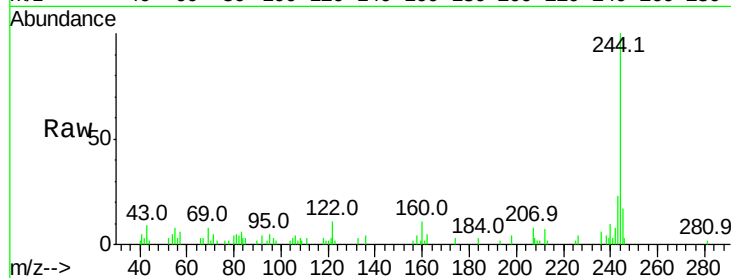
Tot Ion:244 Resp: 9934

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

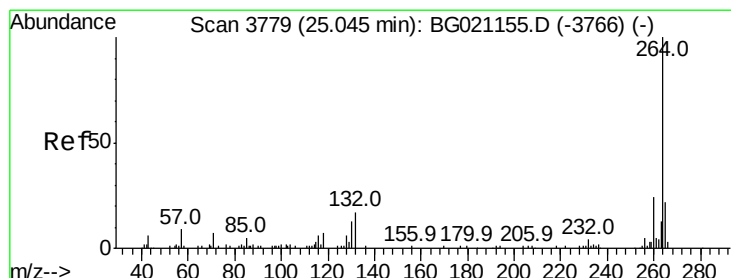
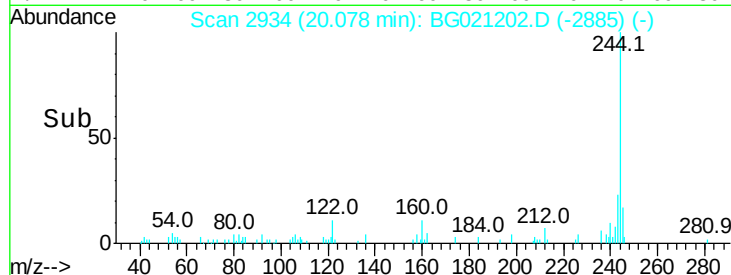
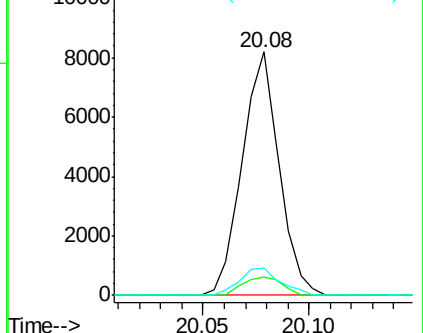
122 11.5 8.3 12.5



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: 25.03 min Scan# 3776

Delta R.T. -0.02 min

Lab File: BG021202.D

Acq: 2 Mar 2016 3:01

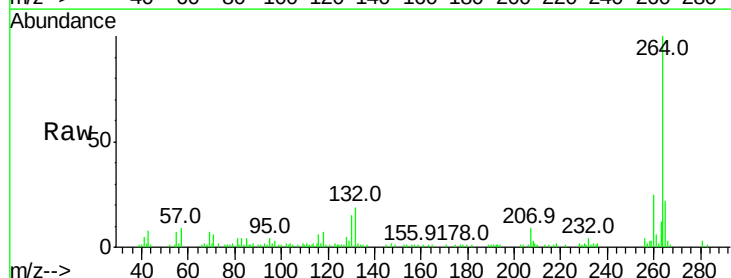
Tgt Ion:264 Resp: 70197

Ion Ratio Lower Upper

264 100

260 24.7 18.5 27.7

265 21.9 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

