

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
 Data File : BG021201.D
 Acq On : 2 Mar 2016 2:22
 Operator : UM/SJ
 Sample : H1577-03 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-B2-S1

Quant Time: Mar 02 03:55:21 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	13499	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	64438	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	34878	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	72406	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	73980	20.00	ng	-0.01
86) Perylene-d12	25.02	264	67444	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	19101	22.49	ng	0.00
7) Phenol-d6	7.29	99	30304	21.70	ng	0.00
23) Nitrobenzene-d5	9.31	82	22555	14.81	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	6860	18.90	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	32785	13.35	ng	-0.01
78) Terphenyl-d14	20.08	244	36793	12.05	ng	-0.01

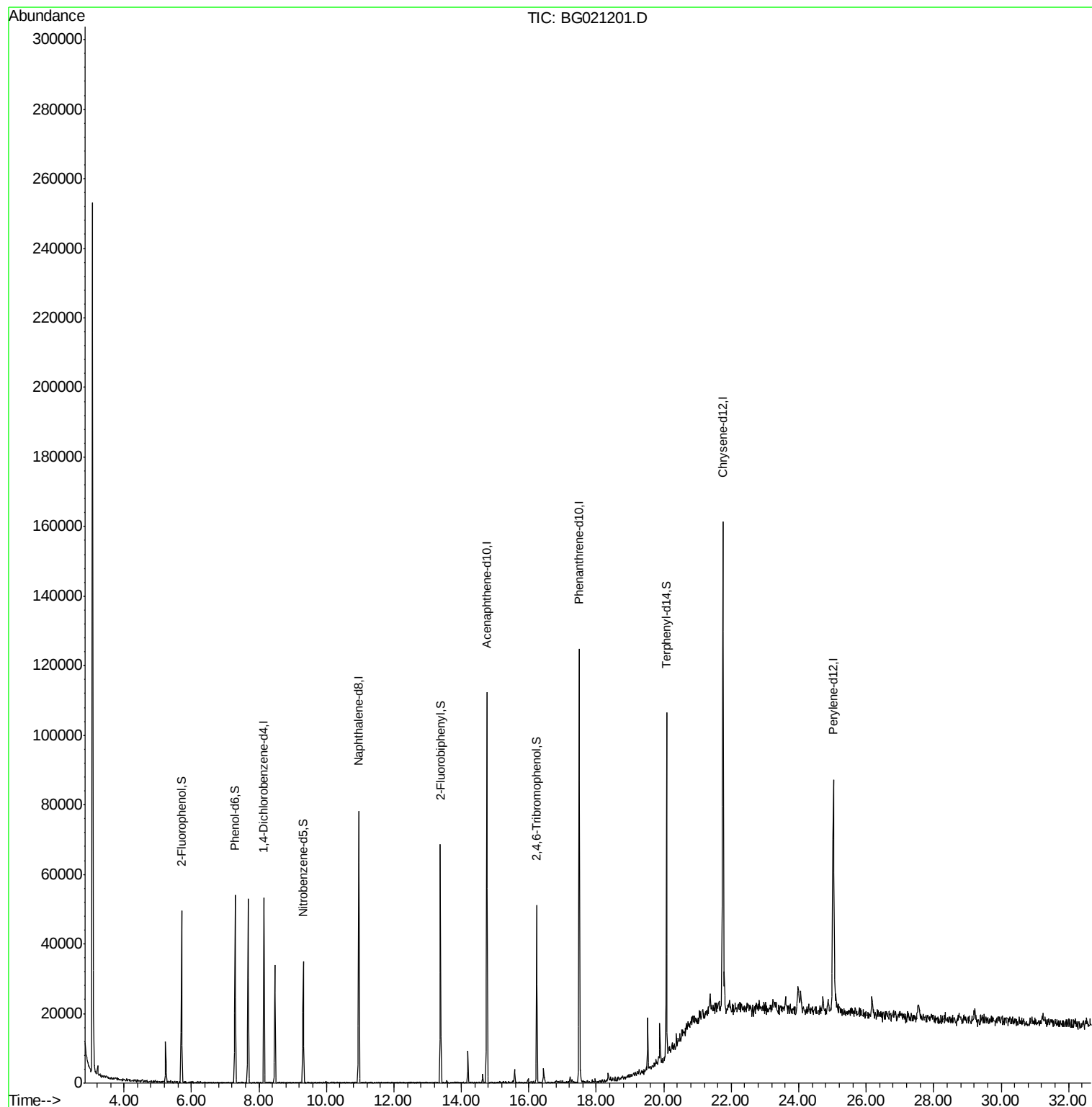
Target Compounds Qvalue

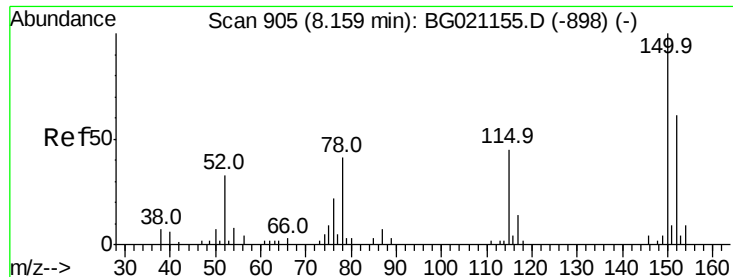
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG021201.D

Acq: 2 Mar 2016 2:22

Instrument :

BNA_G

ClientSampleId :

TEC-B2-S1

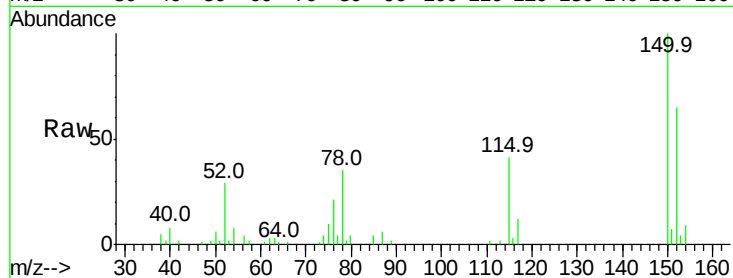
Tot Ion:152 Resp: 13499

Ion Ratio Lower Upper

152 100

150 152.7 123.4 185.2

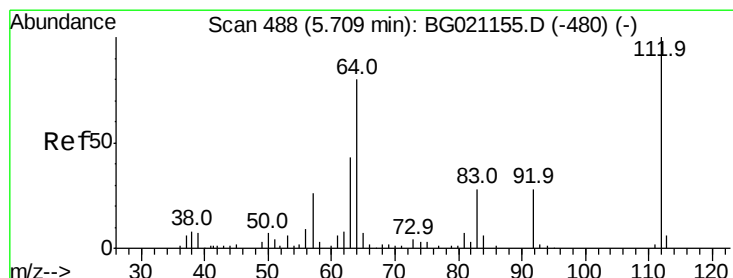
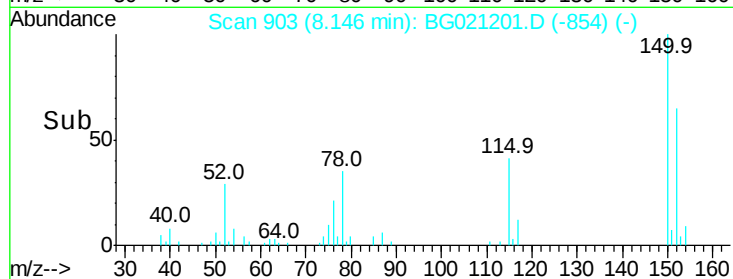
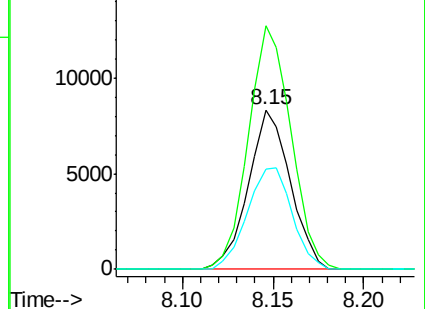
115 63.2 43.3 64.9



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: 22.49 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.01 min

Lab File: BG021201.D

Acq: 2 Mar 2016 2:22

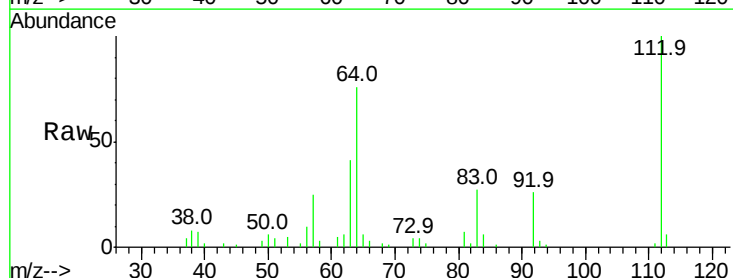
Tgt Ion:112 Resp: 19101

Ion Ratio Lower Upper

112 100

64 75.6 42.6 63.8#

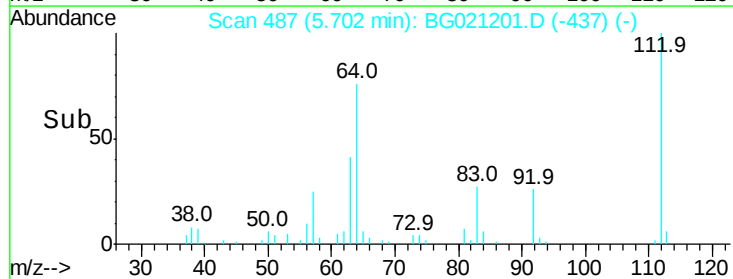
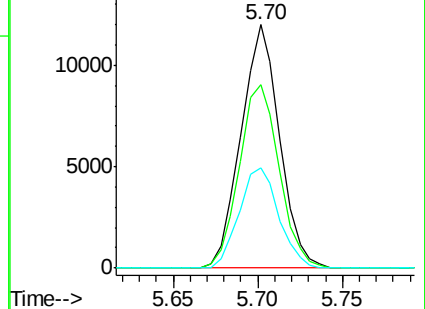
63 41.1 21.7 32.5#



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: 21.70 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG021201.D

Acq: 2 Mar 2016 2:22

Instrument :

BNA_G

ClientSampleId :

TEC-B2-S1

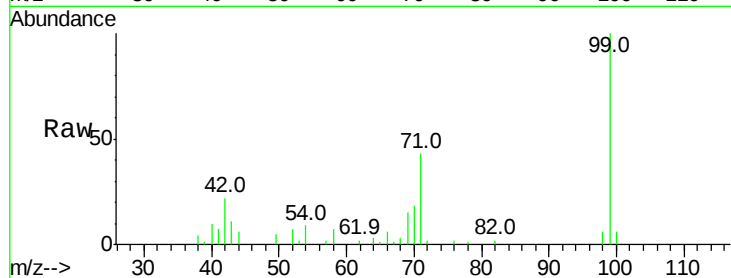
Tot Ion: 99 Resp: 30304

Ion Ratio Lower Upper

99 100

42 21.9 13.2 19.8#

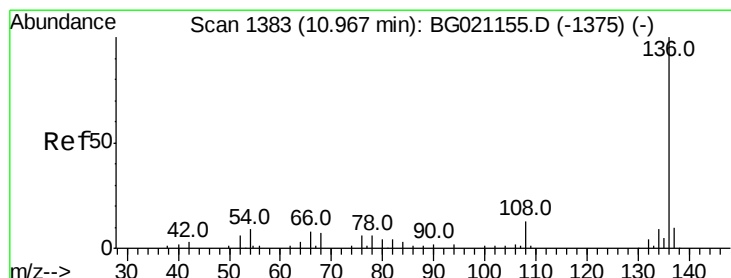
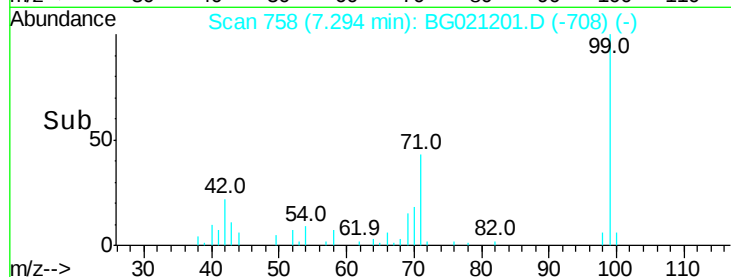
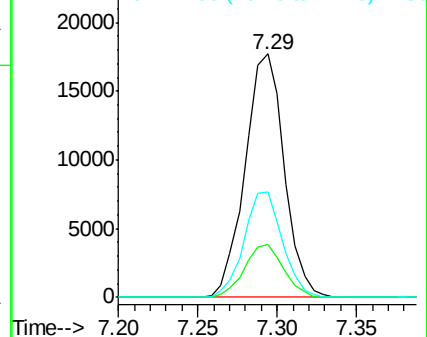
71 43.3 25.2 37.8#



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: BG021201.D

Acq: 2 Mar 2016 2:22

Tgt Ion: 136 Resp: 64438

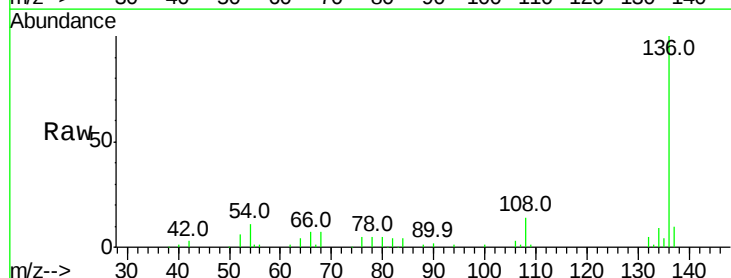
Ion Ratio Lower Upper

136 100

137 9.7 8.8 13.2

54 10.9 6.9 10.3#

68 7.0 5.8 8.6

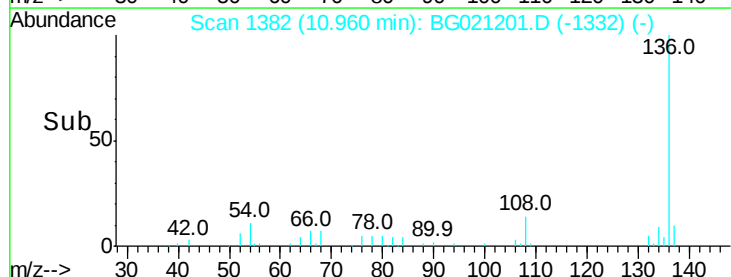
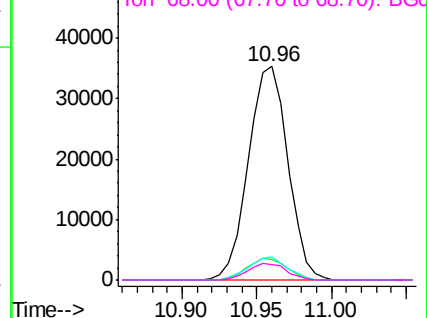


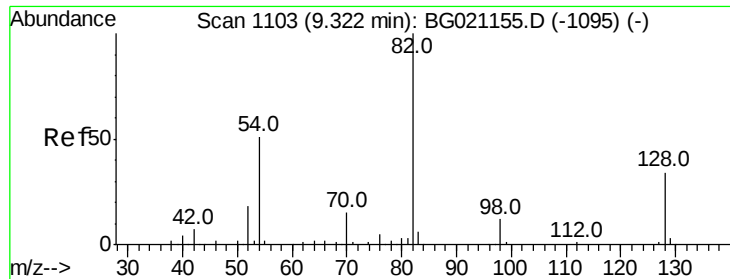
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

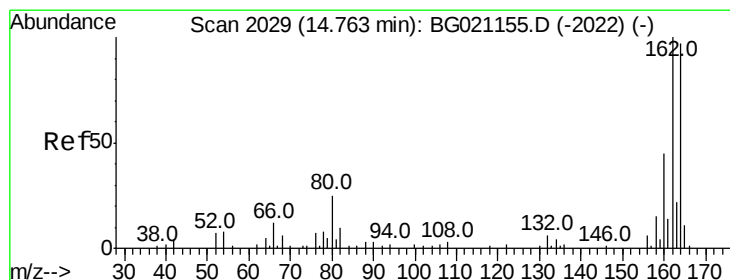
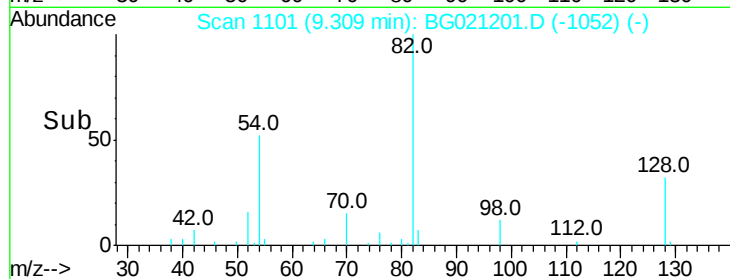
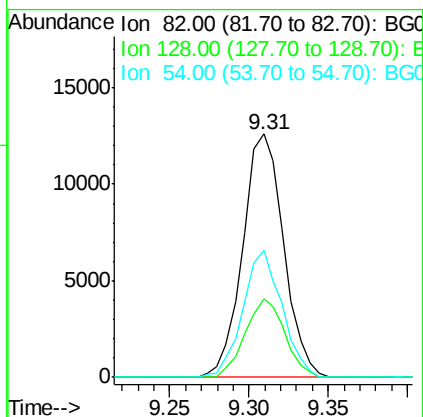
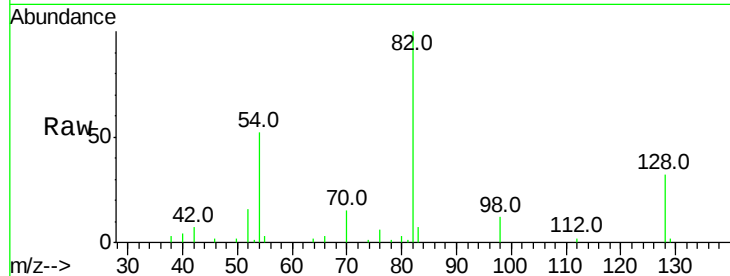




#23
 Nitrobenzene-d5
 Concen: 14.81 ng
 RT: 9.31 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BG021201.D
 Acq: 2 Mar 2016 2:22

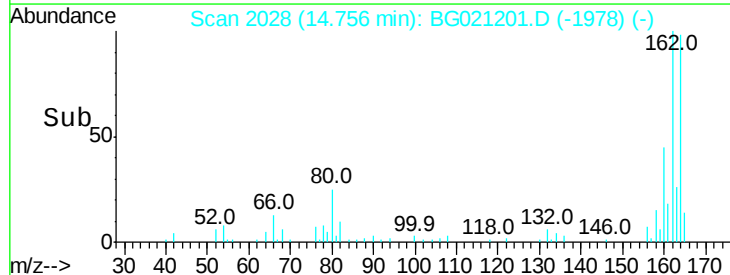
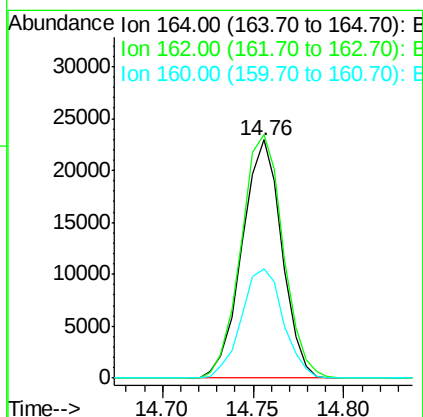
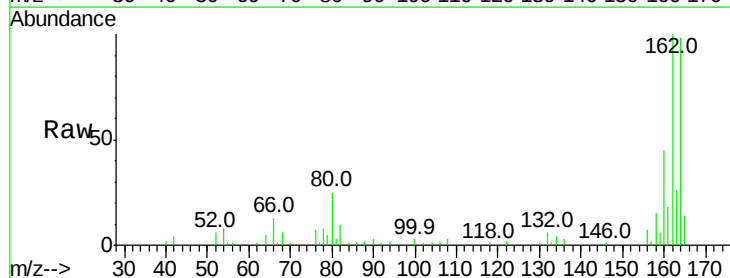
Instrument :
 BNA_G
 ClientSampleId :
 TEC-B2-S1

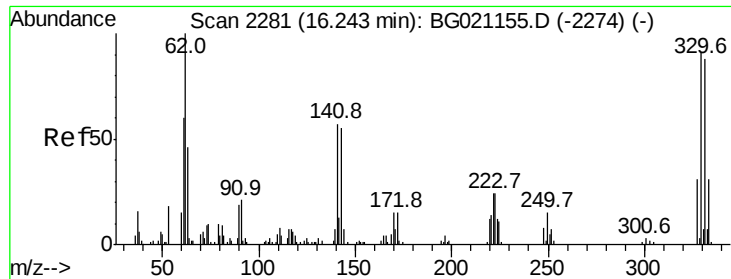
Tot Ion: 82 Resp: 22555
 Ion Ratio Lower Upper
 82 100
 128 32.2 36.3 54.5#
 54 52.2 37.6 56.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BG021201.D
 Acq: 2 Mar 2016 2:22

Tgt Ion: 164 Resp: 34878
 Ion Ratio Lower Upper
 164 100
 162 102.3 80.6 120.8
 160 46.1 36.5 54.7

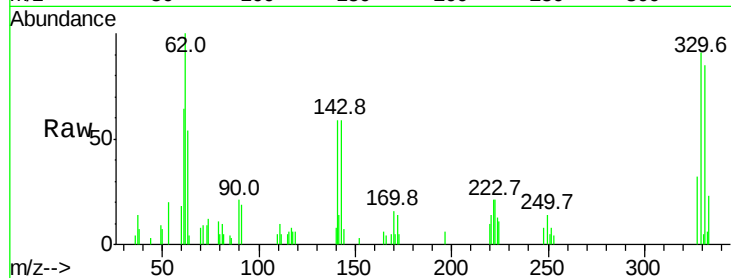




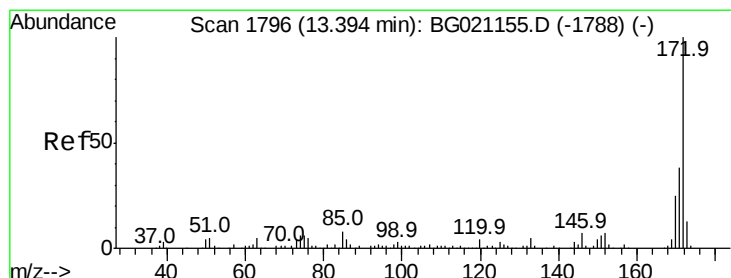
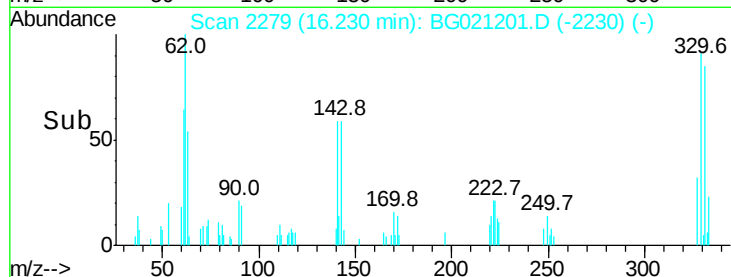
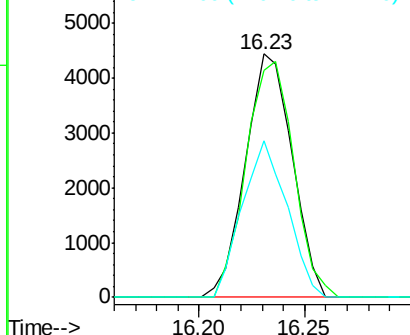
#41
 2,4,6-Tribromophenol
 Concen: 18.90 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG021201.D
 Acq: 2 Mar 2016 2:22

Instrument :
 BNA_G
 ClientSampleId :
 TEC-B2-S1

Tot Ion:330 Resp: 6860
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.4 116.0
 141 61.4 35.3 52.9#

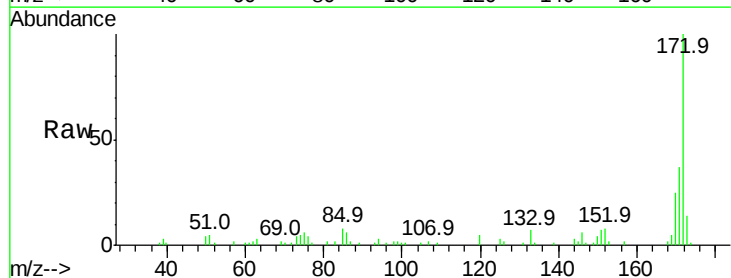


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

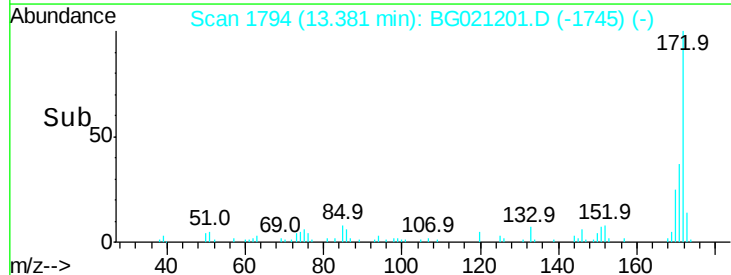
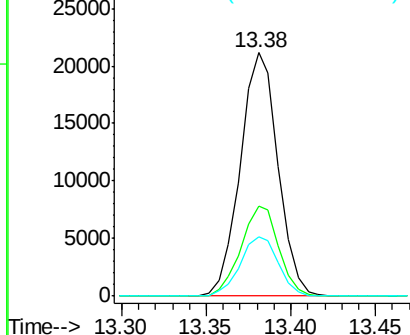


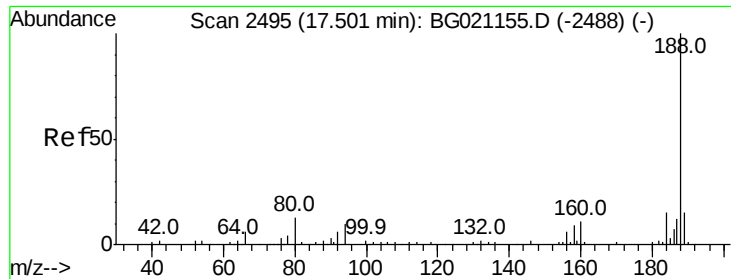
#44
 2-Fluorobiphenyl
 Concen: 13.35 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG021201.D
 Acq: 2 Mar 2016 2:22

Tgt Ion:172 Resp: 32785
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.6 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

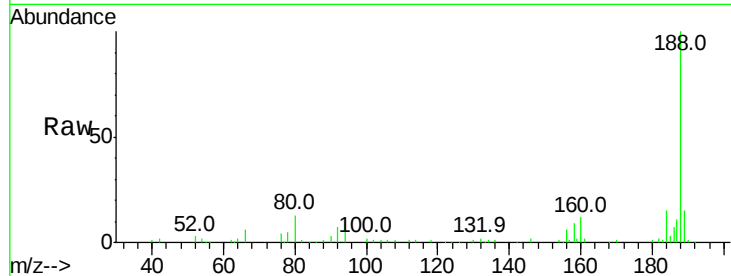




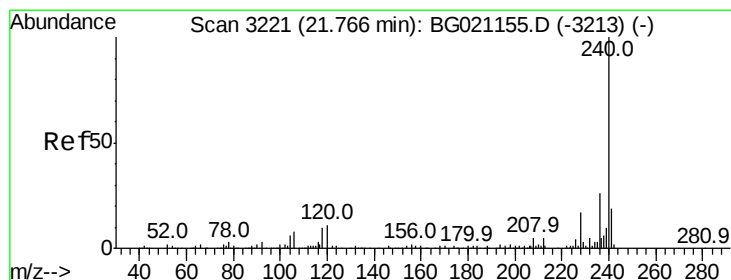
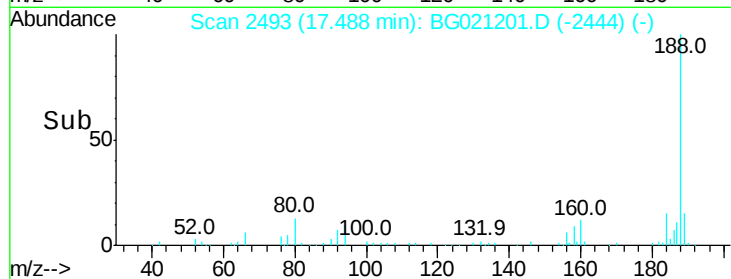
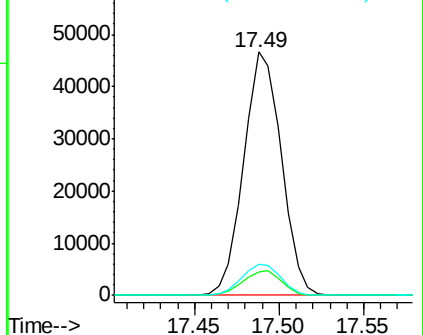
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BG021201.D
Acq: 2 Mar 2016 2:22

Instrument :
BNA_G
ClientSampleId :
TEC-B2-S1

Tot Ion	188	Ratio	100	Resp	72406
Ion	188	100		Lower	Upper
	94	9.8		8.2	12.4
	80	12.6		9.2	13.8

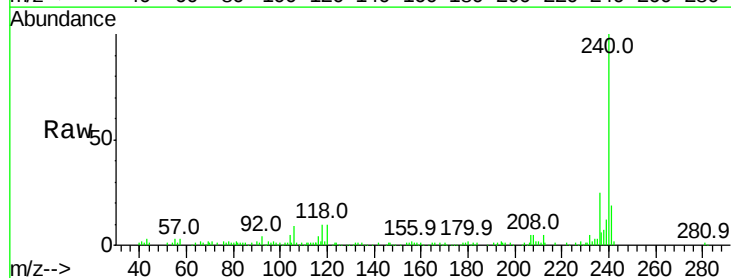


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

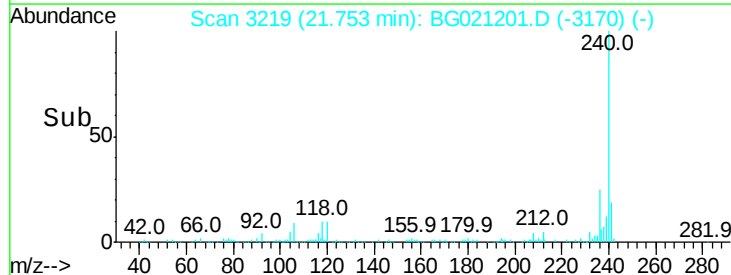
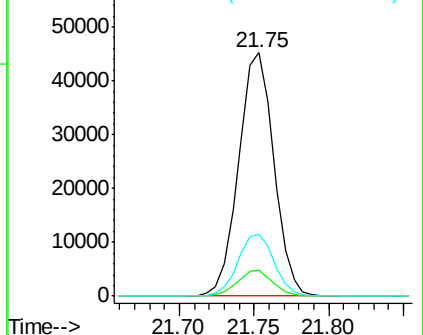


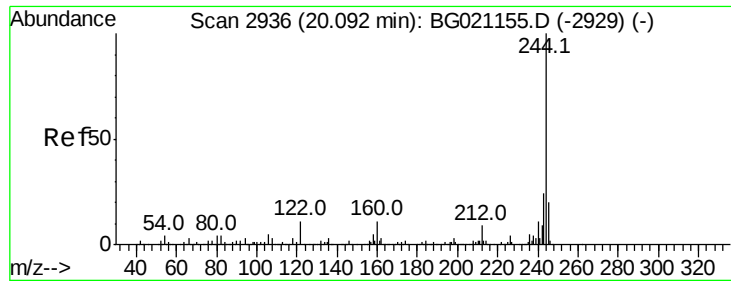
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BG021201.D
Acq: 2 Mar 2016 2:22

Tgt Ion	240	Ratio	100	Resp	73980
Ion	240	100		Lower	Upper
	120	10.5		7.5	11.3
	236	25.3		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: 12.05 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BG021201.D

Acq: 2 Mar 2016 2:22

Instrument :

BNA_G

ClientSampleId :

TEC-B2-S1

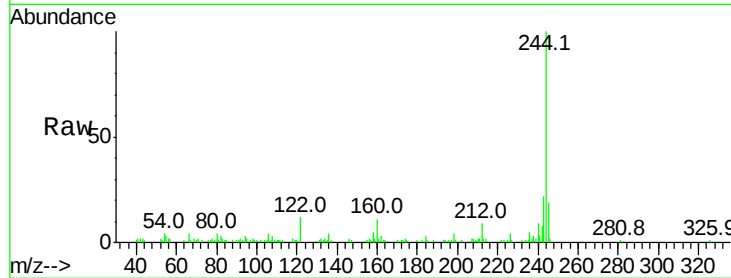
Tot Ion:244 Resp: 36793

Ion Ratio Lower Upper

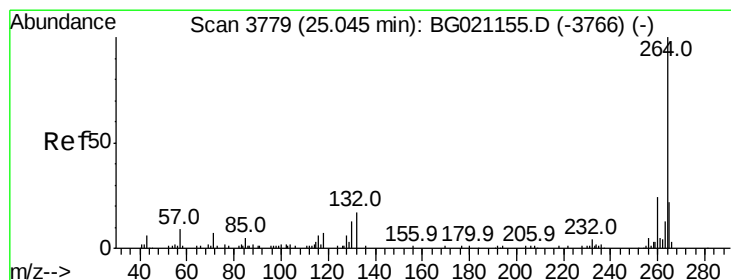
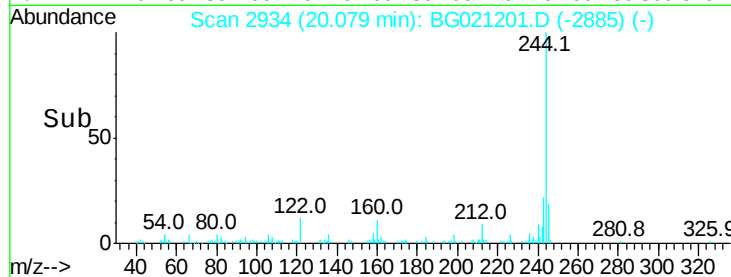
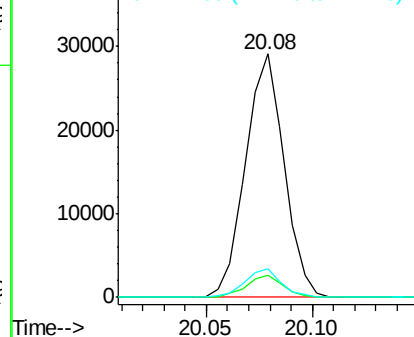
244 100

212 9.2 5.8 8.6#

122 11.7 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: 25.02 min Scan# 3775

Delta R.T. -0.02 min

Lab File: BG021201.D

Acq: 2 Mar 2016 2:22

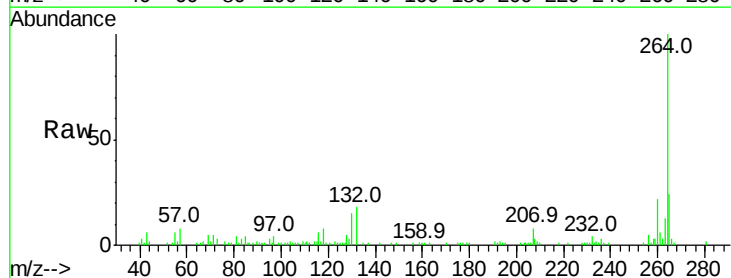
Tgt Ion:264 Resp: 67444

Ion Ratio Lower Upper

264 100

260 22.0 18.5 27.7

265 23.6 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

