

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
 Data File : BG021205.D
 Acq On : 2 Mar 2016 5:01
 Operator : UM/SJ
 Sample : H1521-17RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-5(0-2)RE

Quant Time: Mar 02 05:45:46 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

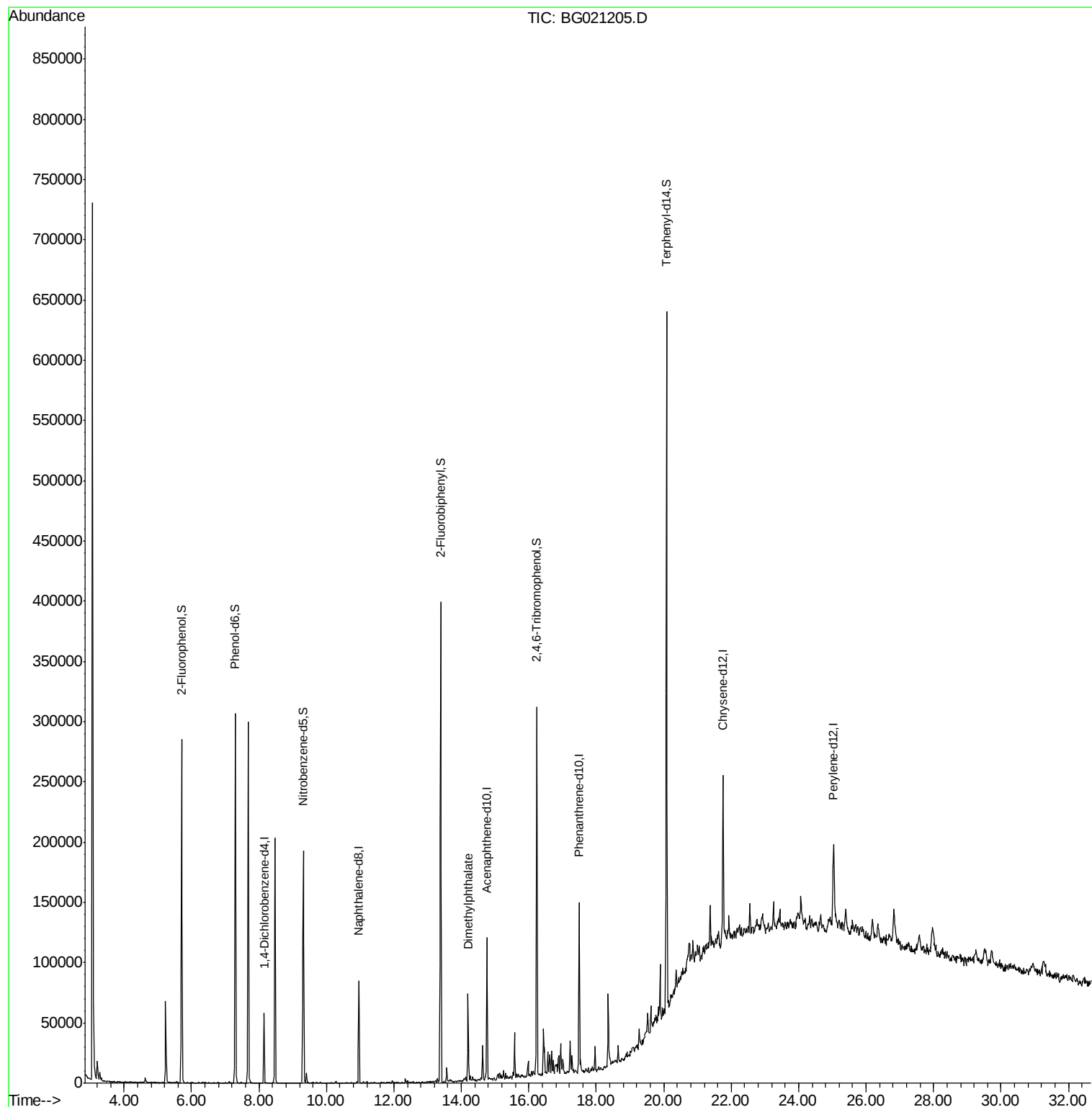
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	14872	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	68375	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	36212	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	76793	20.00	ng	0.00
75) Chrysene-d12	21.76	240	81783	20.00	ng	0.00
86) Perylene-d12	25.03	264	64935	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	110681	118.31	ng	0.00
7) Phenol-d6	7.30	99	169168	109.97	ng	0.00
23) Nitrobenzene-d5	9.31	82	123375	76.35	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	39960	106.06	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	181504	71.17	ng	0.00
78) Terphenyl-d14	20.08	244	223046	66.07	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	39887	12.36	ng	Qvalue 99

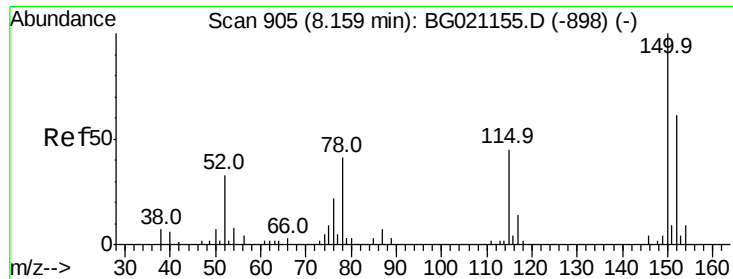
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 29 17:40:25 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG021205.D

Acq: 2 Mar 2016 5:01

Instrument :

BNA_G

ClientSampleId :

SP-5(0-2)RE

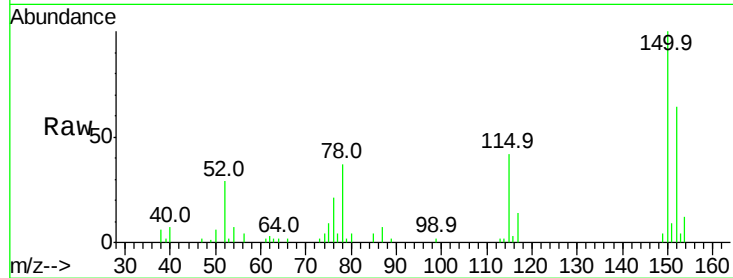
Tot Ion:152 Resp: 14872

Ion Ratio Lower Upper

152 100

150 156.7 123.4 185.2

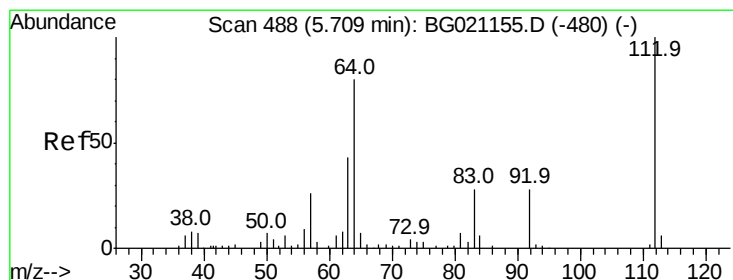
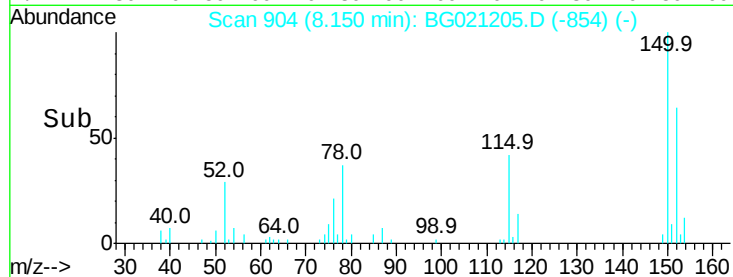
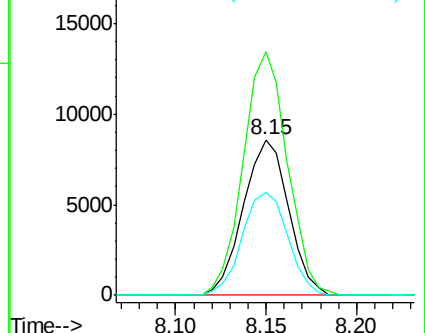
115 66.4 43.3 64.9#



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: 118.31 ng

RT: 5.71 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG021205.D

Acq: 2 Mar 2016 5:01

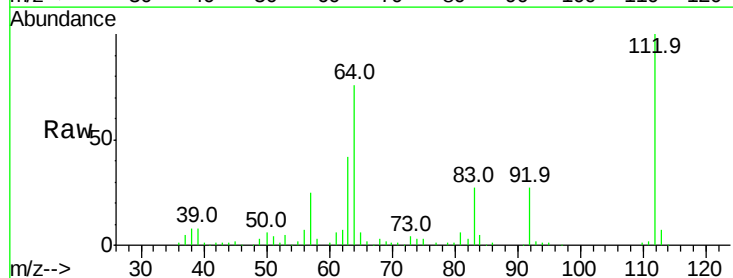
Tgt Ion:112 Resp: 110681

Ion Ratio Lower Upper

112 100

64 76.0 42.6 63.8#

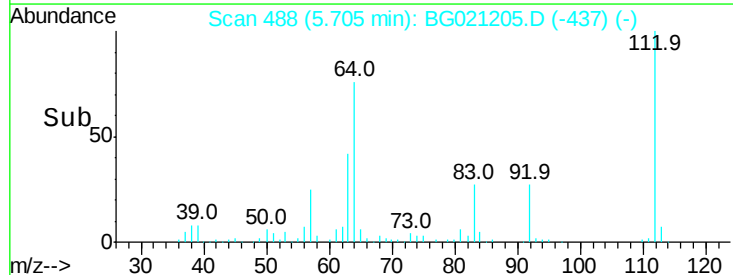
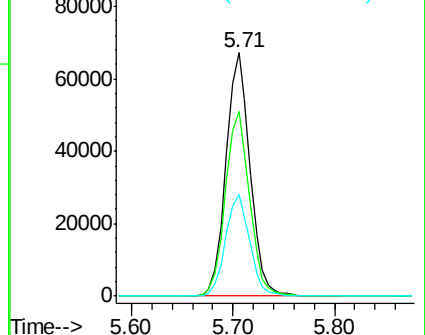
63 41.8 21.7 32.5#

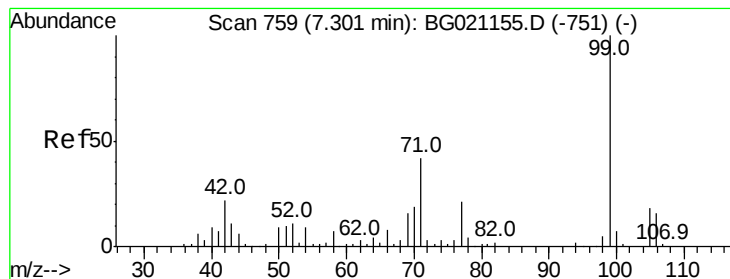


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 109.97 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG021205.D

Acq: 2 Mar 2016 5:01

Instrument :

BNA_G

ClientSampleId :

SP-5(0-2)RE

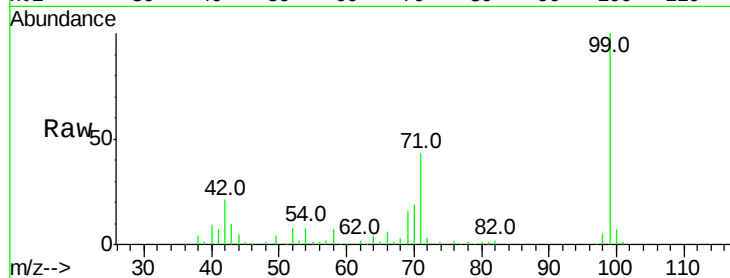
Tot Ion: 99 Resp: 169168

Ion Ratio Lower Upper

99 100

42 21.0 13.2 19.8#

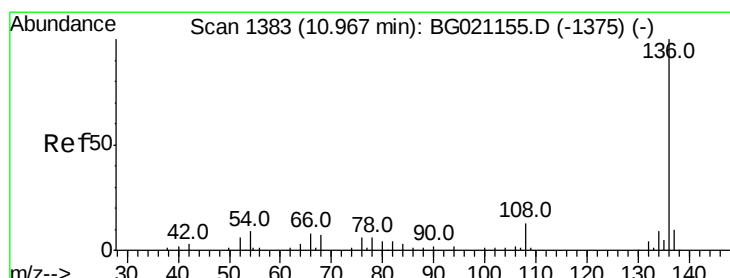
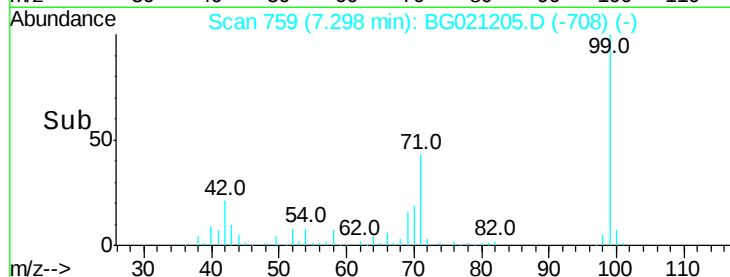
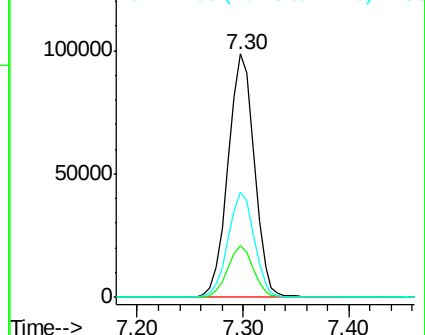
71 43.2 25.2 37.8#



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: BG021205.D

Acq: 2 Mar 2016 5:01

Tgt Ion: 136 Resp: 68375

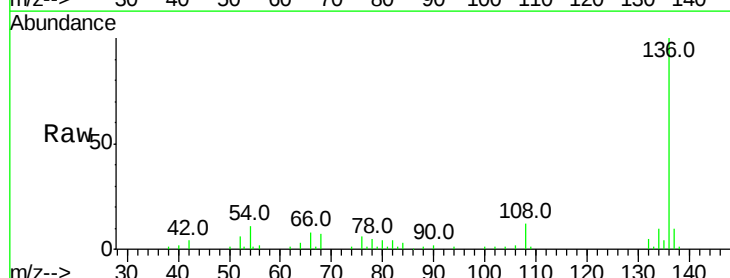
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 11.2 6.9 10.3#

68 7.4 5.8 8.6

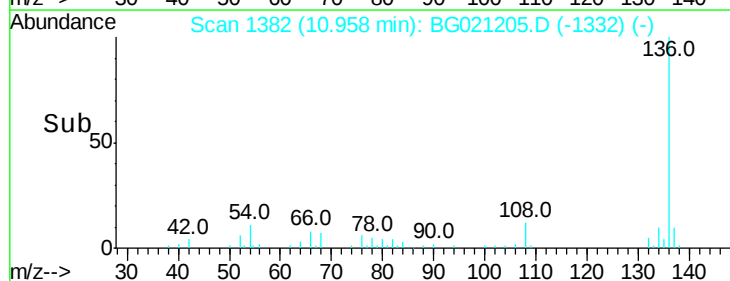
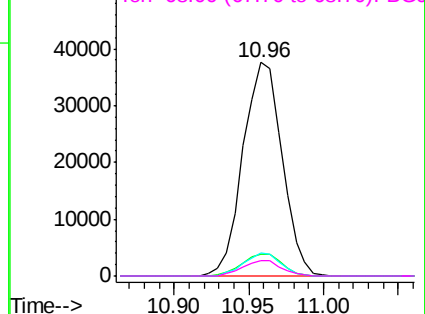


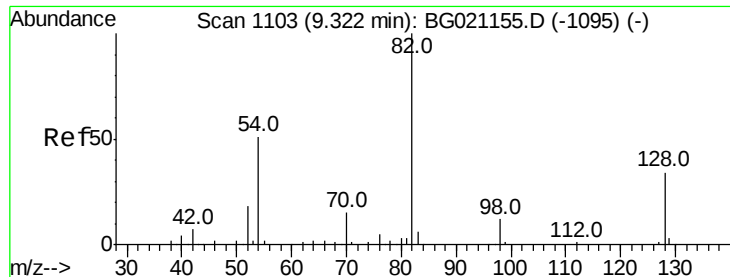
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

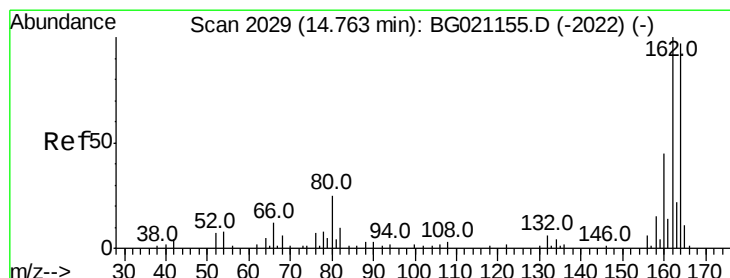
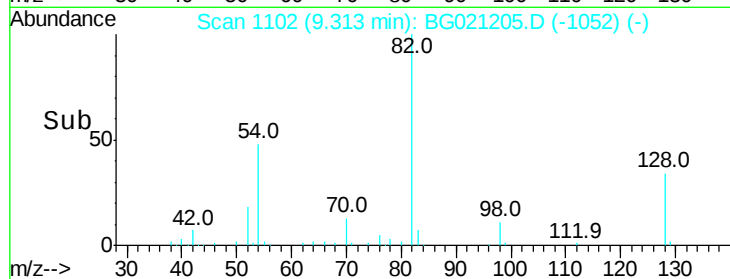
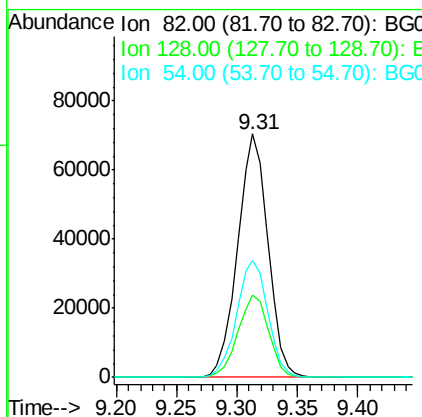
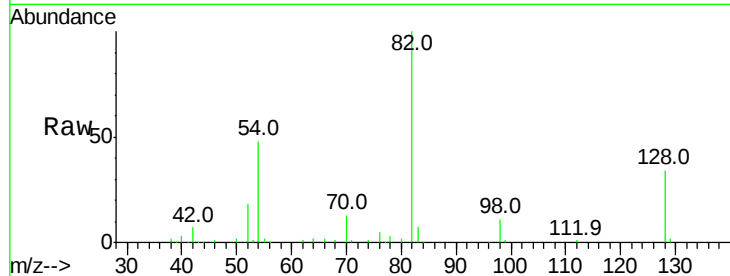




#23
Nitrobenzene-d5
Concen: 76.35 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG021205.D
Acq: 2 Mar 2016 5:01

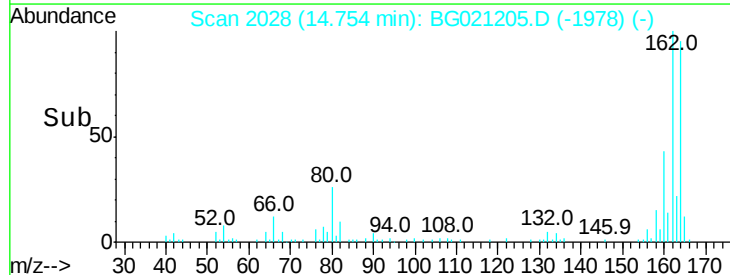
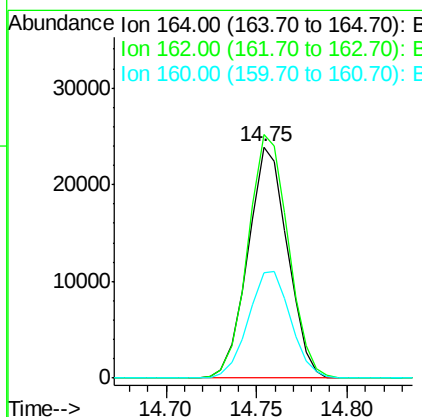
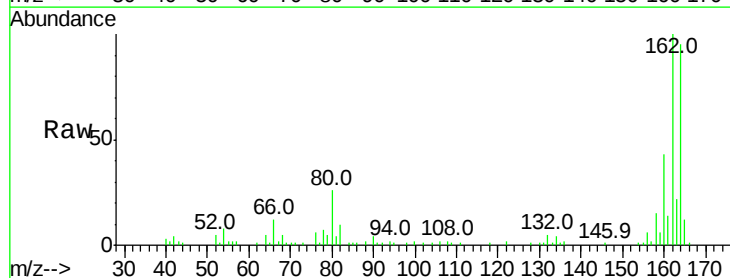
Instrument :
BNA_G
ClientSampleId :
SP-5(0-2)RE

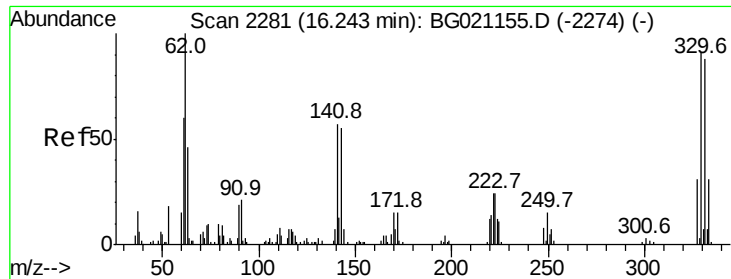
Tot Ion: 82 Resp: 123375
Ion Ratio Lower Upper
82 100
128 33.7 36.3 54.5#
54 48.1 37.6 56.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG021205.D
Acq: 2 Mar 2016 5:01

Tgt Ion:164 Resp: 36212
Ion Ratio Lower Upper
164 100
162 105.5 80.6 120.8
160 45.7 36.5 54.7

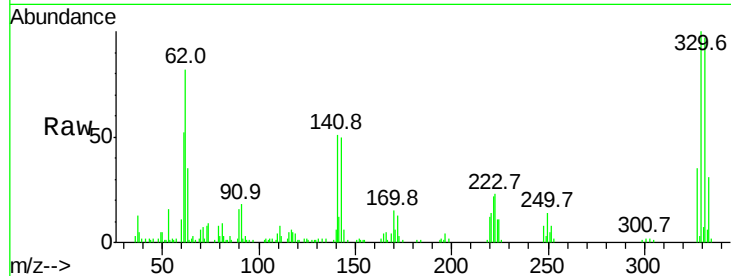




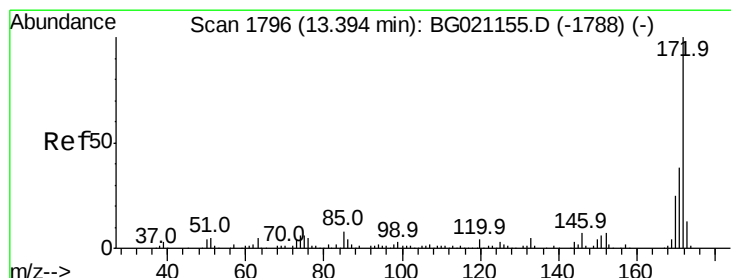
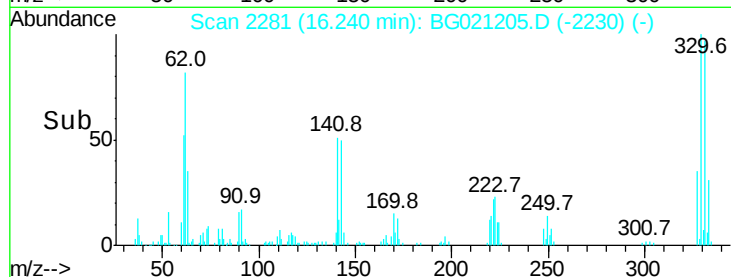
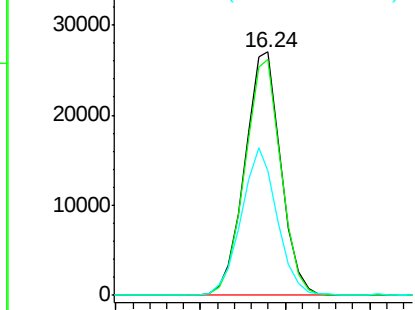
#41
 2,4,6-Tribromophenol
 Concen: 106.06 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG021205.D
 Acq: 2 Mar 2016 5:01

Instrument :
 BNA_G
 ClientSampleId :
 SP-5(0-2)RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	60.5	35.3	52.9#

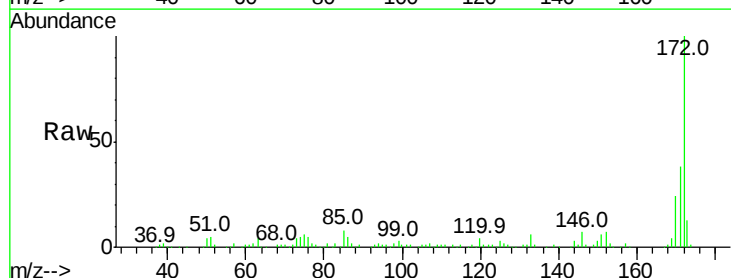


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

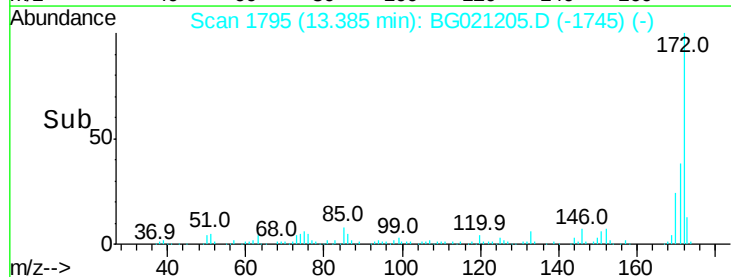
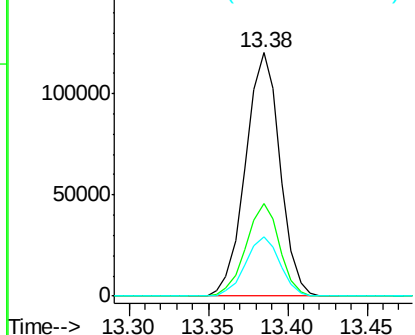


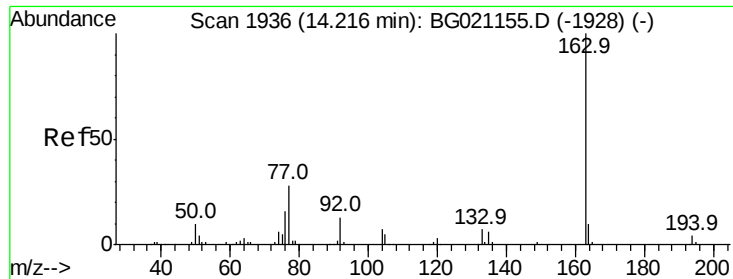
#44
 2-Fluorobiphenyl
 Concen: 71.17 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG021205.D
 Acq: 2 Mar 2016 5:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.4	44.0
170	24.4	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





#49

Dimethylphthalate

Concen: 12.36 ng

RT: 14.20 min Scan# 1934

Delta R.T. -0.02 min

Lab File: BG021205.D

Acq: 2 Mar 2016 5:01

Instrument :

BNA_G

ClientSampleId :

SP-5(0-2)RE

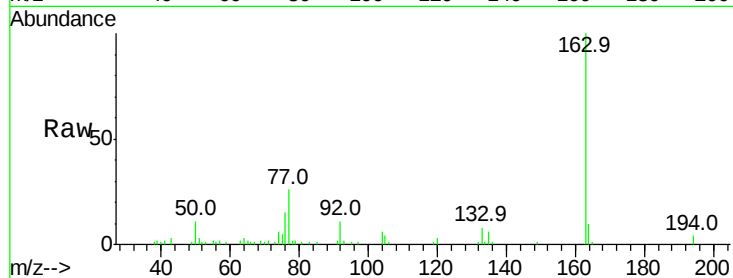
Tot Ion:163 Resp: 39887

Ion Ratio Lower Upper

163 100

194 4.0 2.8 4.2

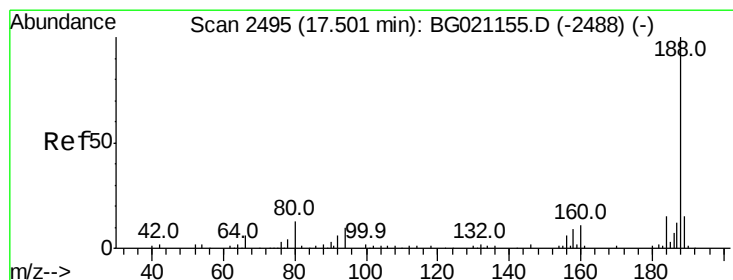
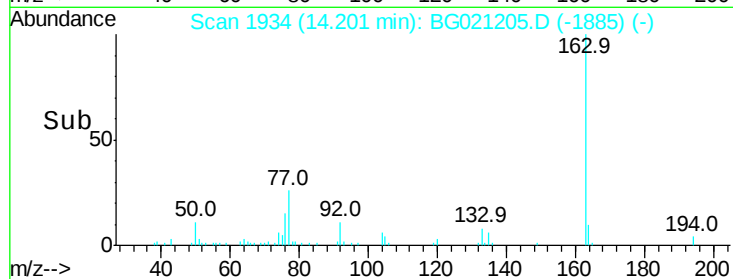
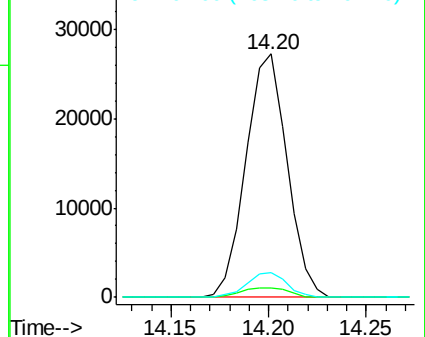
164 10.4 7.9 11.9



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: 17.49 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BG021205.D

Acq: 2 Mar 2016 5:01

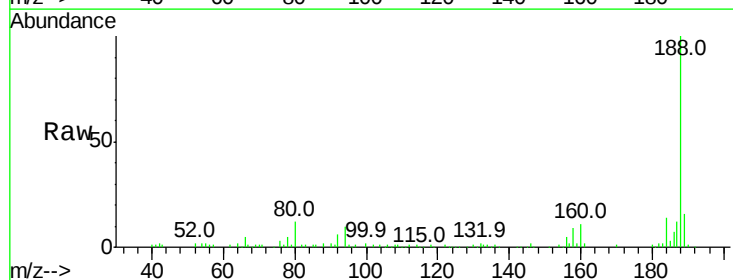
Tgt Ion:188 Resp: 76793

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

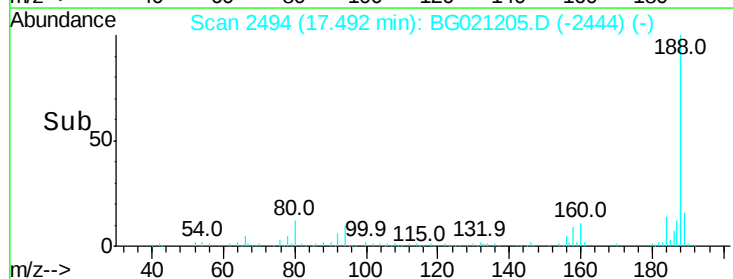
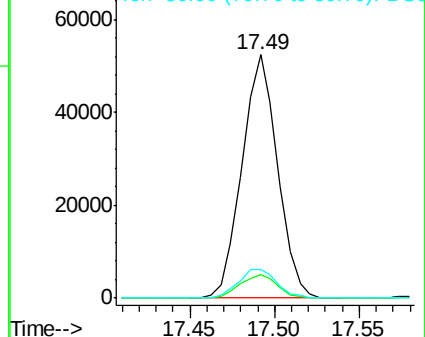
80 11.6 9.2 13.8

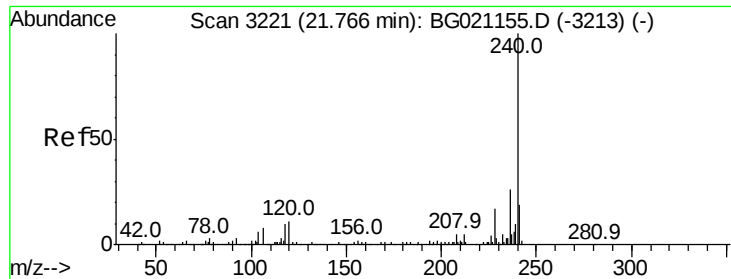


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG021205.D

Acq: 2 Mar 2016 5:01

Instrument :

BNA_G

ClientSampleId :

SP-5(0-2)RE

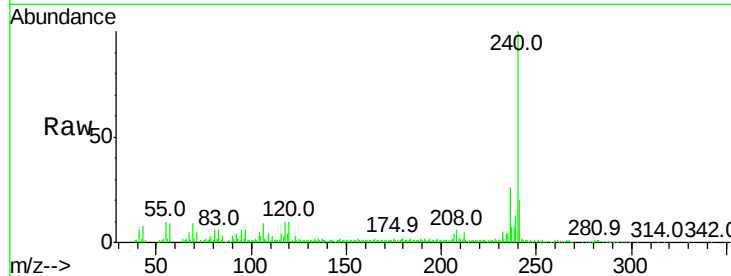
Tot Ion:240 Resp: 81783

Ion Ratio Lower Upper

240 100

120 9.8 7.5 11.3

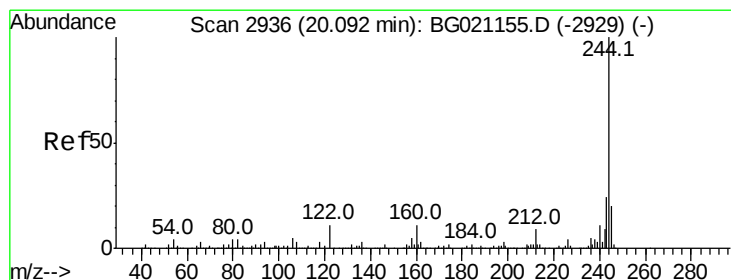
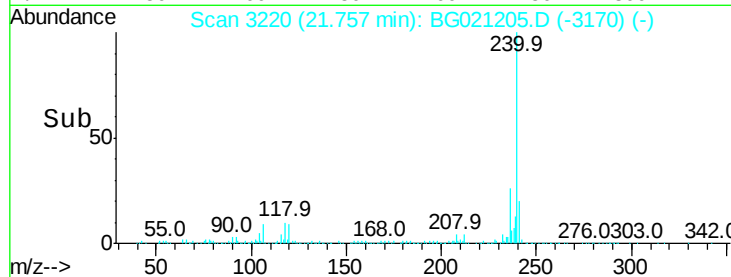
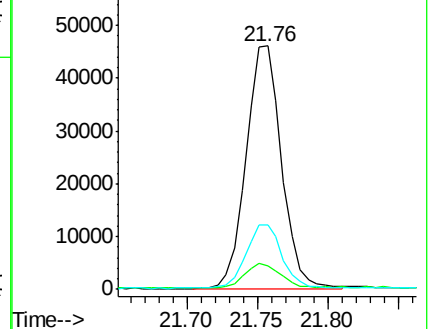
236 26.2 20.5 30.7



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: 66.07 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BG021205.D

Acq: 2 Mar 2016 5:01

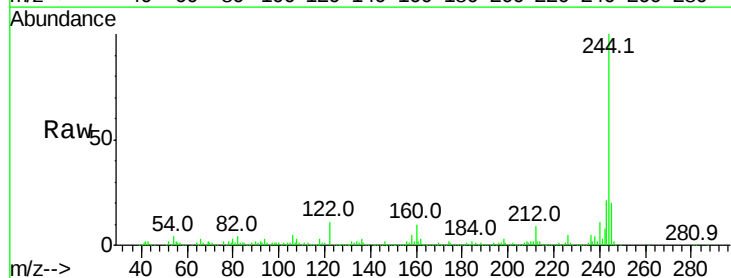
Tgt Ion:244 Resp: 223046

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.6#

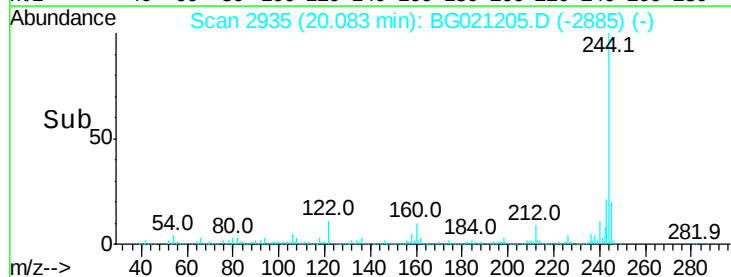
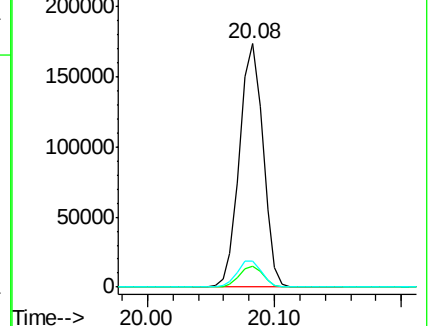
122 10.7 8.3 12.5

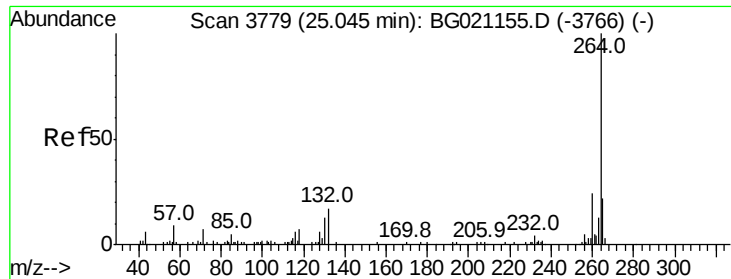


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

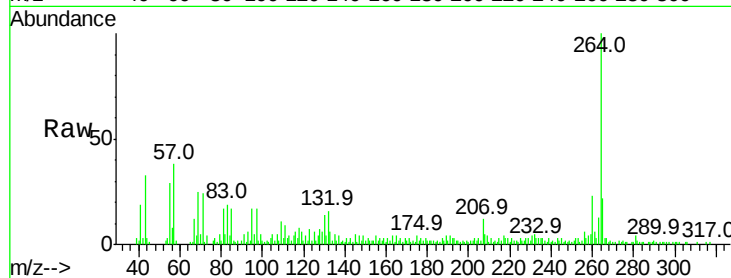




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3777
 Delta R.T. -0.02 min
 Lab File: BG021205.D
 Acq: 2 Mar 2016 5:01

Instrument :
 BNA_G
 ClientSampleId :
 SP-5(0-2)RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.7	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

