

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
 Data File : BG021228.D
 Acq On : 3 Mar 2016 1:35
 Operator : UM/SJ
 Sample : H1640-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 03 05:39:48 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 11:46:16 2016
 Response via : Initial Calibration

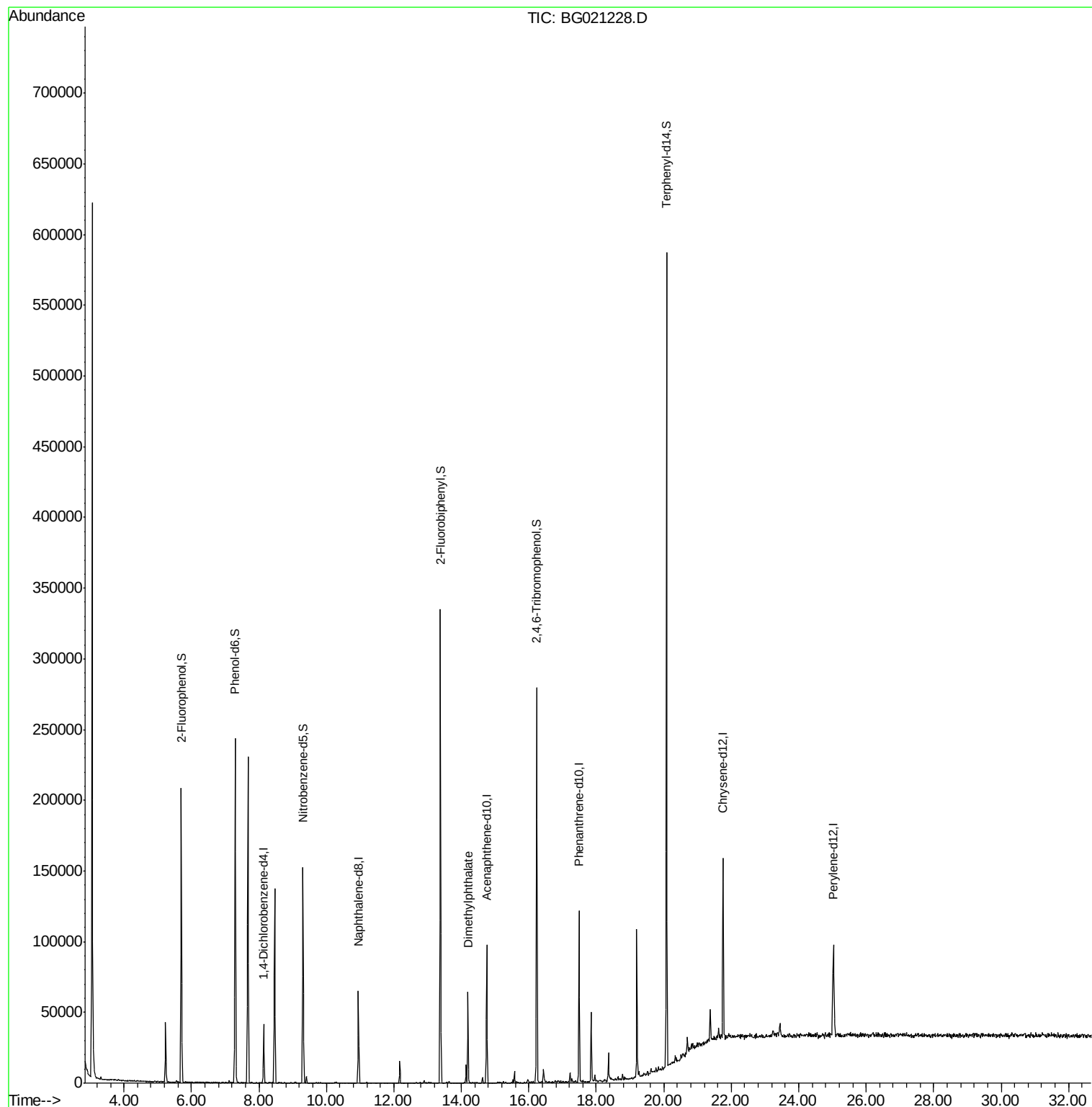
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10296	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	53221	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	31571	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	67749	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	70385	20.00	ng	-0.01
86) Perylene-d12	25.03	264	66507	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	82168	126.87	ng	-0.01
7) Phenol-d6	7.29	99	137757	129.35	ng	0.00
23) Nitrobenzene-d5	9.30	82	97870	77.81	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	40436	123.10	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	157073	70.65	ng	-0.02
78) Terphenyl-d14	20.08	244	229261	78.91	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.20	163	37587	13.36	ng	Qvalue 98

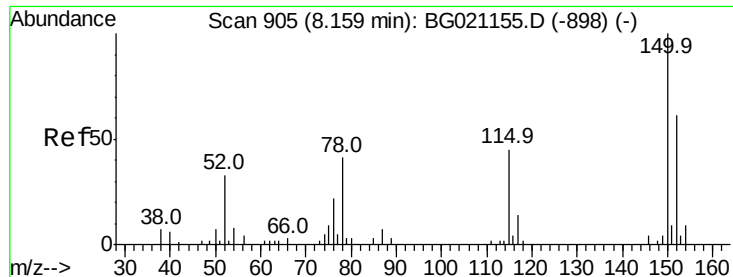
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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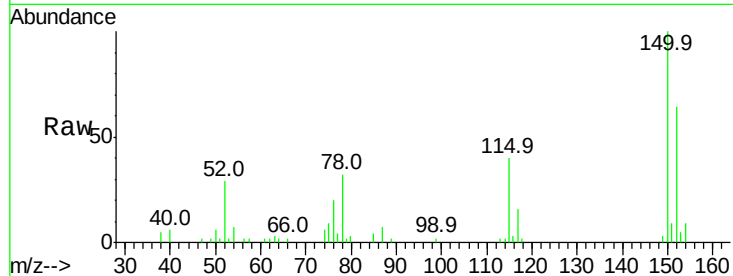


#1

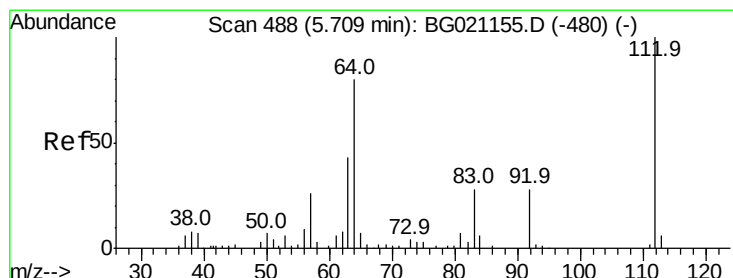
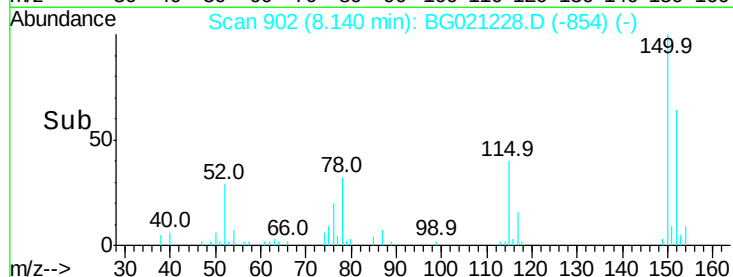
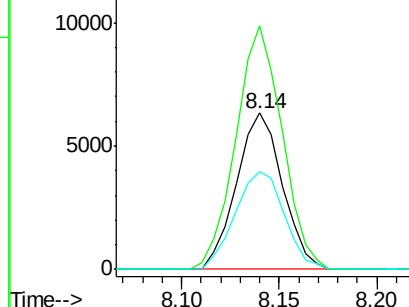
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG021228.D
Acq: 3 Mar 2016 1:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 10296
Ion Ratio Lower Upper
152 100
150 156.0 123.4 185.2
115 62.3 43.3 64.9



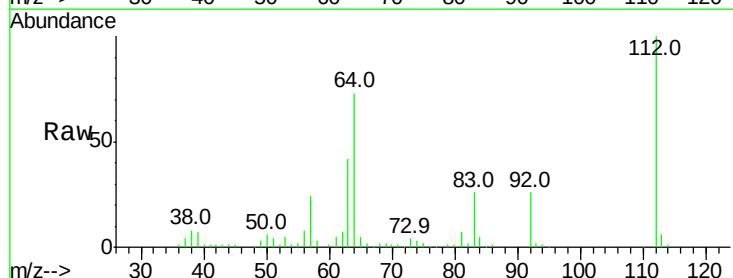
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



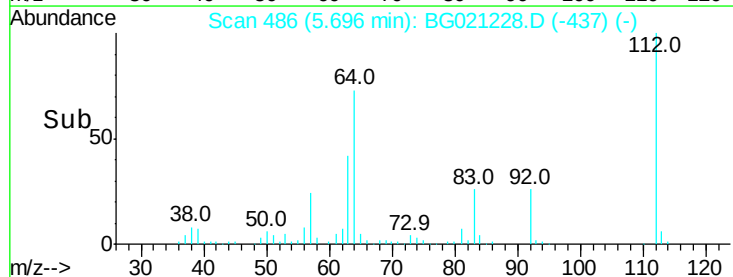
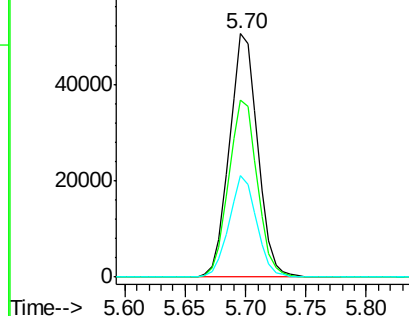
#5

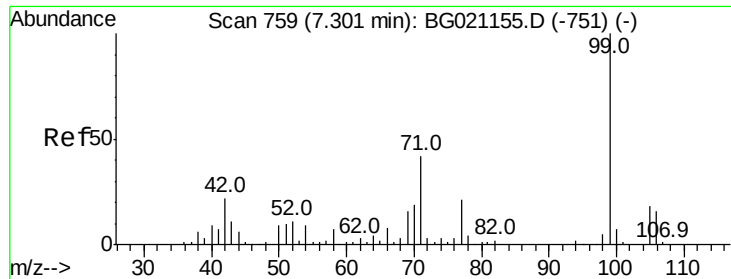
2-Fluorophenol
Concen: 126.87 ng
RT: 5.70 min Scan# 486
Delta R.T. -0.01 min
Lab File: BG021228.D
Acq: 3 Mar 2016 1:35

Tgt Ion:112 Resp: 82168
Ion Ratio Lower Upper
112 100
64 72.9 42.6 63.8#
63 41.6 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: 129.35 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG021228.D

Acq: 3 Mar 2016 1:35

Instrument :

BNA_G

ClientSampleId :

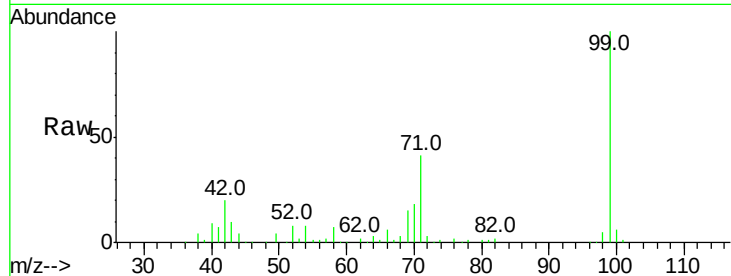
Tot Ion: 99 Resp: 137757

Ion Ratio Lower Upper

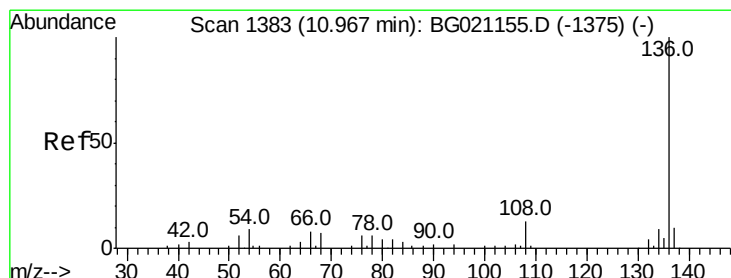
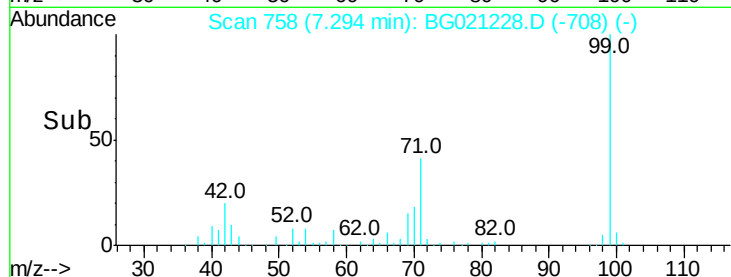
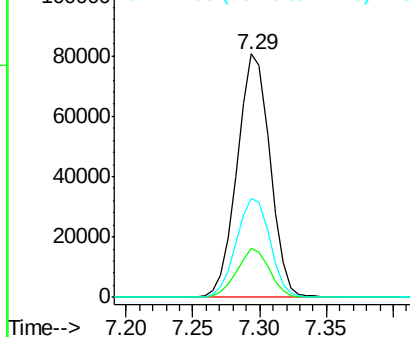
99 100

42 20.0 13.2 19.8#

71 40.9 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: 10.95 min Scan# 1380

Delta R.T. -0.02 min

Lab File: BG021228.D

Acq: 3 Mar 2016 1:35

Tgt Ion: 136 Resp: 53221

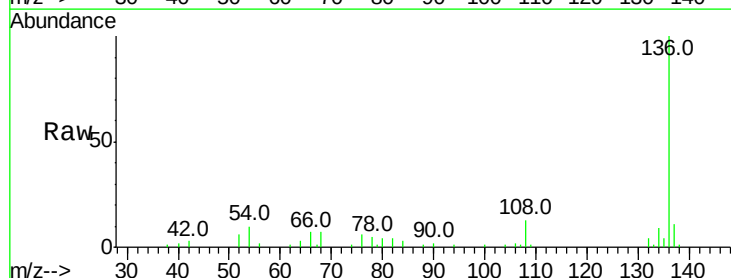
Ion Ratio Lower Upper

136 100

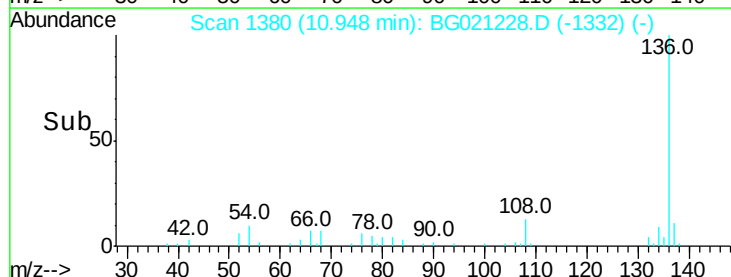
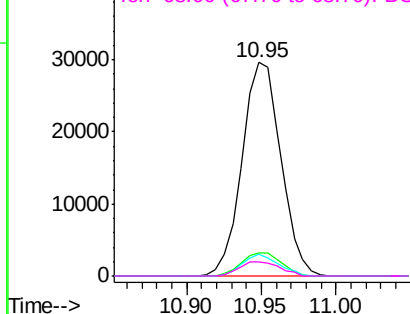
137 10.9 8.8 13.2

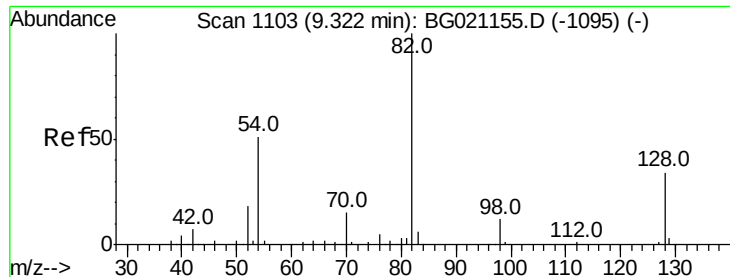
54 10.1 6.9 10.3

68 6.9 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

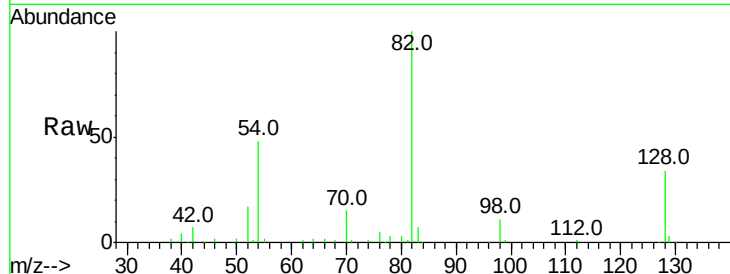




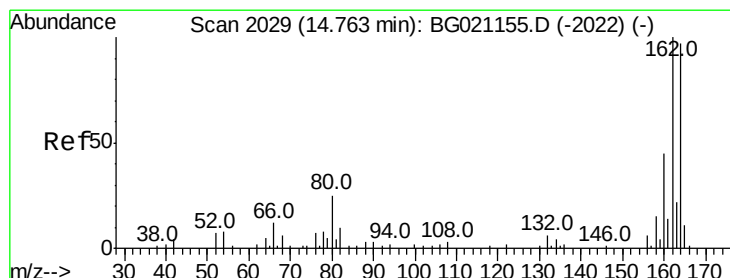
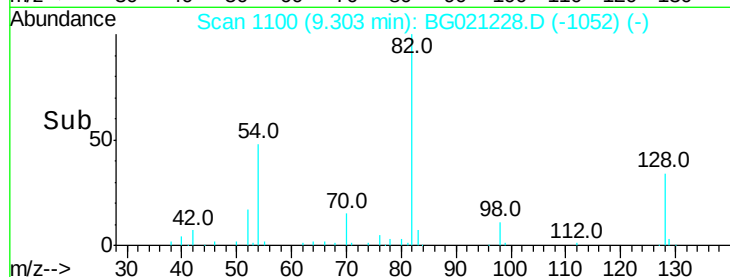
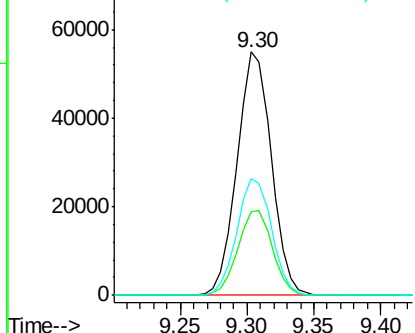
#23
Nitrobenzene-d5
Concen: 77.81 ng
RT: 9.30 min Scan# 1100
Delta R.T. -0.02 min
Lab File: BG021228.D
Acq: 3 Mar 2016 1:35

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 97870
Ion Ratio Lower Upper
82 100
128 34.2 36.3 54.5#
54 48.3 37.6 56.4

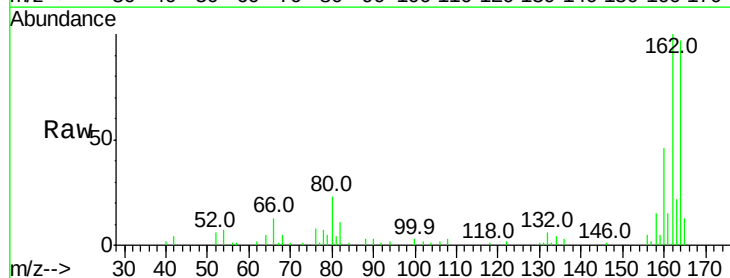


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

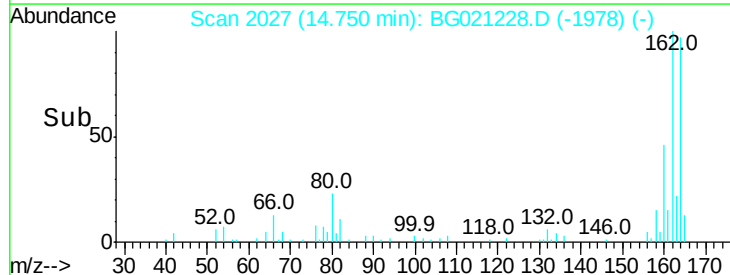
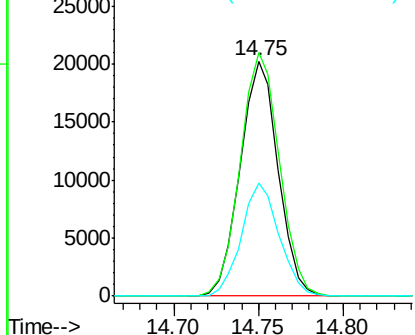


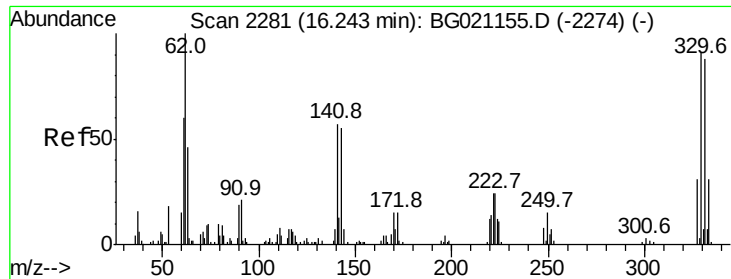
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG021228.D
Acq: 3 Mar 2016 1:35

Tgt Ion: 164 Resp: 31571
Ion Ratio Lower Upper
164 100
162 103.6 80.6 120.8
160 48.1 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 123.10 ng

RT: 16.24 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BG021228.D

Acq: 3 Mar 2016 1:35

Instrument :

BNA_G

ClientSampled :

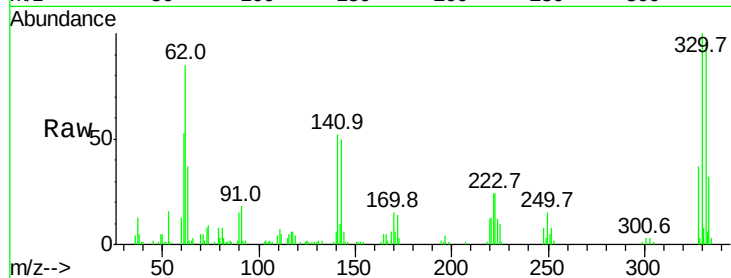
Tot Ion:330 Resp: 40436

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

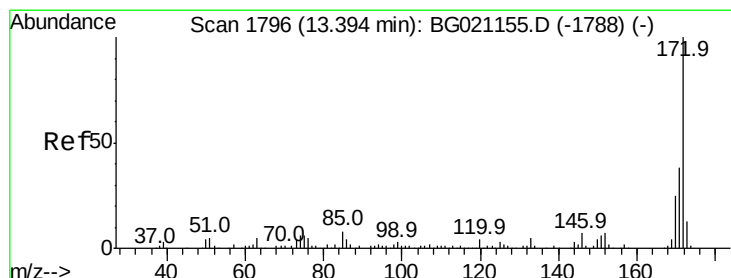
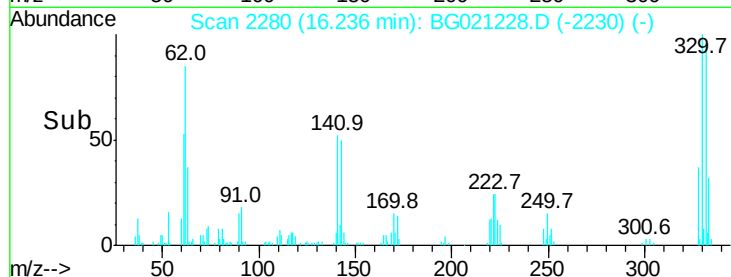
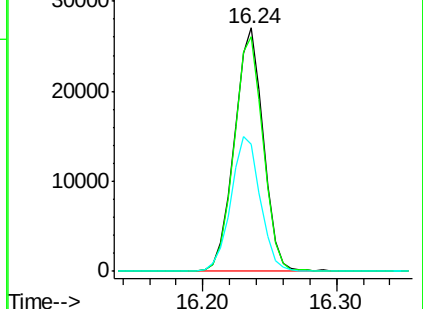
141 56.5 35.3 52.9#



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: 70.65 ng

RT: 13.38 min Scan# 1793

Delta R.T. -0.02 min

Lab File: BG021228.D

Acq: 3 Mar 2016 1:35

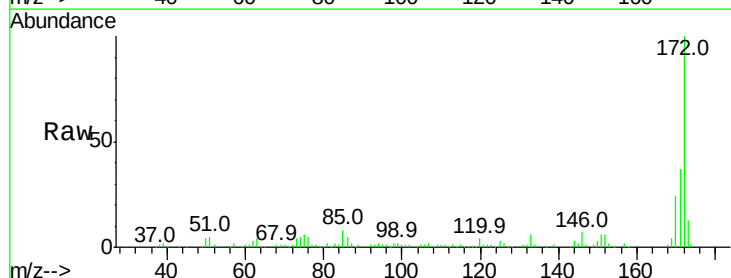
Tgt Ion:172 Resp: 157073

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

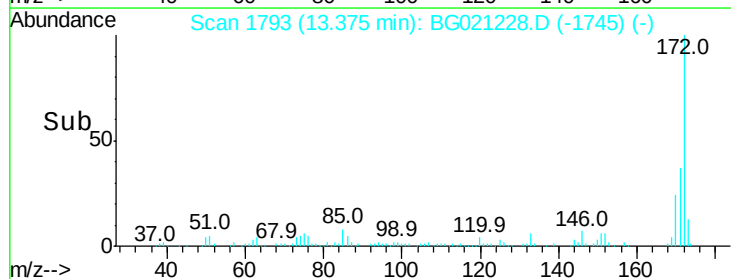
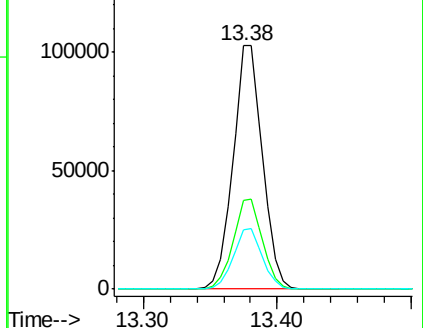
170 24.4 19.8 29.8

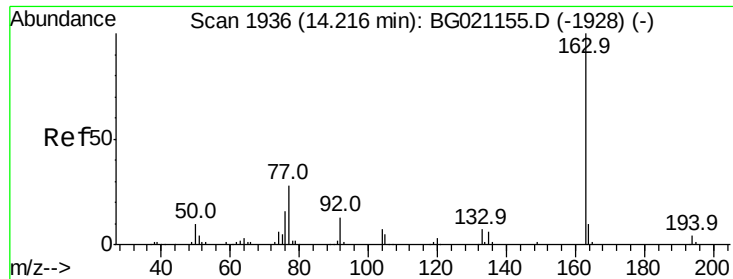


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 13.36 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG021228.D

Acq: 3 Mar 2016 1:35

Instrument :

BNA_G

ClientSampleId :

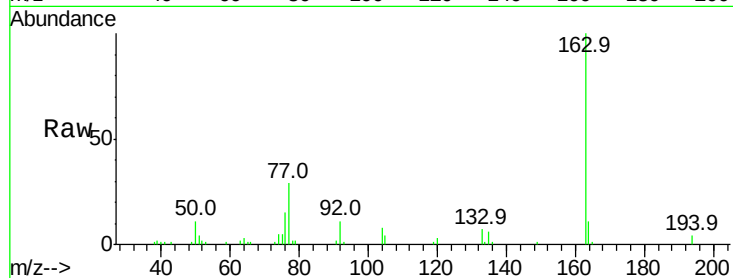
Tot Ion:163 Resp: 37587

Ion Ratio Lower Upper

163 100

194 4.1 2.8 4.2

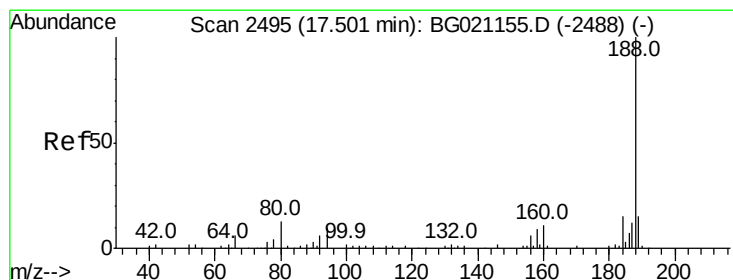
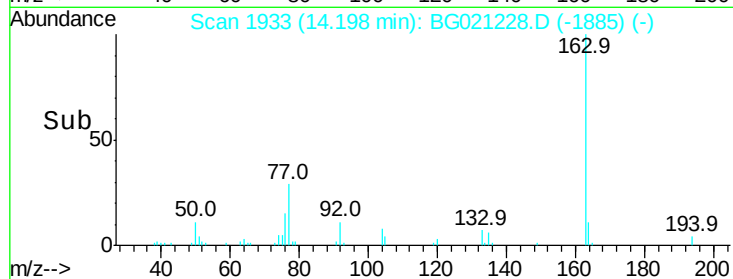
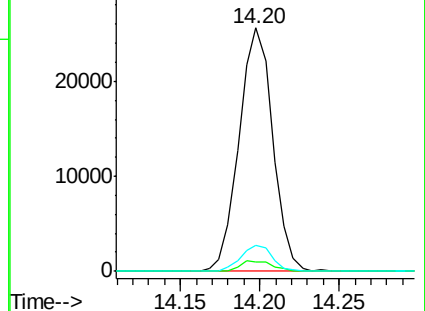
164 10.6 7.9 11.9



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# 2493

Delta R.T. -0.01 min

Lab File: BG021228.D

Acq: 3 Mar 2016 1:35

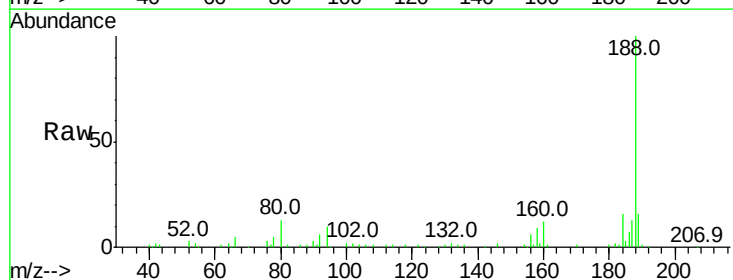
Tgt Ion:188 Resp: 67749

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.4

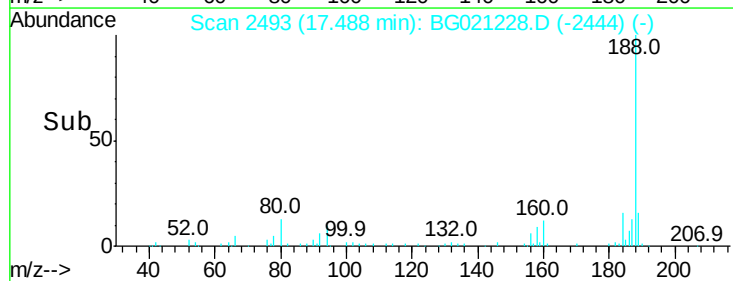
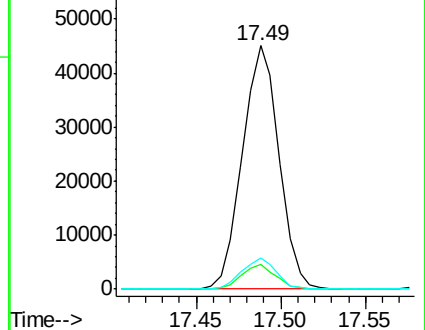
80 12.8 9.2 13.8

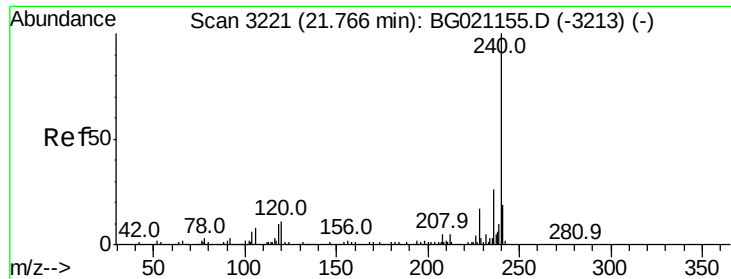


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG021228.D

Acq: 3 Mar 2016 1:35

Instrument :

BNA_G

ClientSampled :

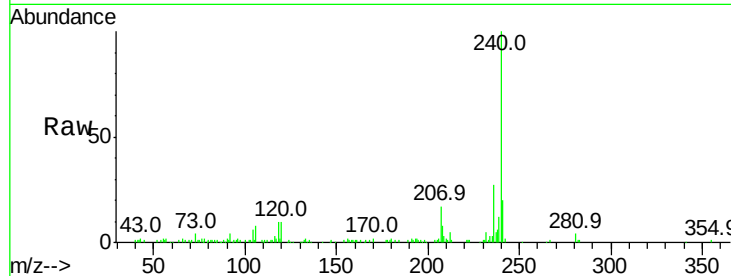
Tot Ion:240 Resp: 70385

Ion Ratio Lower Upper

240 100

120 10.4 7.5 11.3

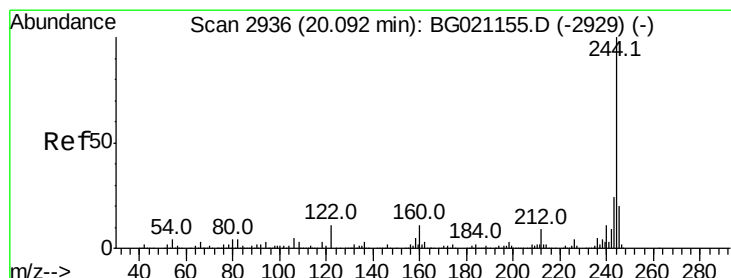
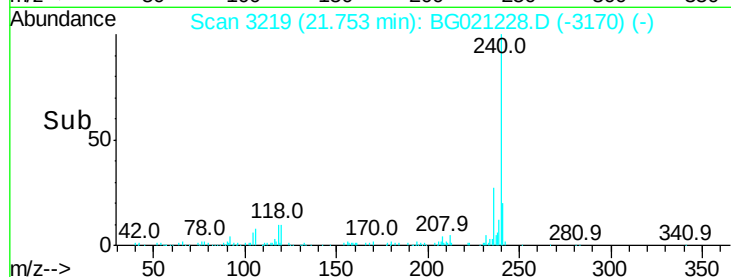
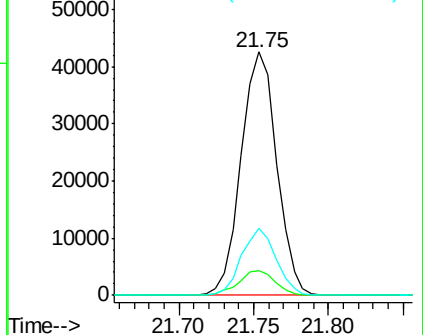
236 27.3 20.5 30.7



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: 78.91 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BG021228.D

Acq: 3 Mar 2016 1:35

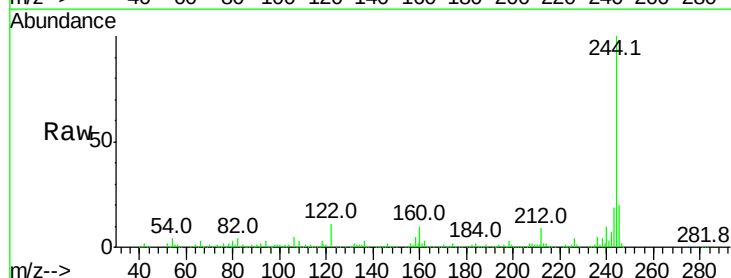
Tgt Ion:244 Resp: 229261

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.6

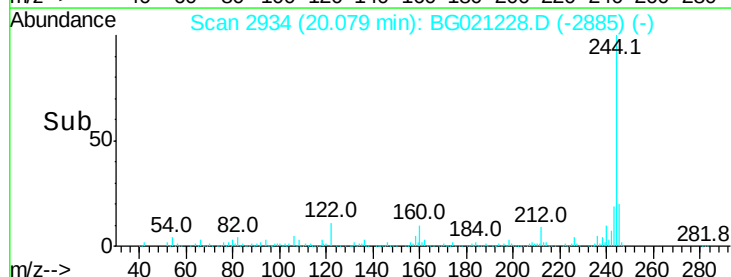
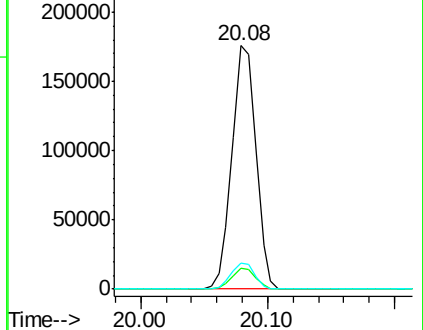
122 10.8 8.3 12.5

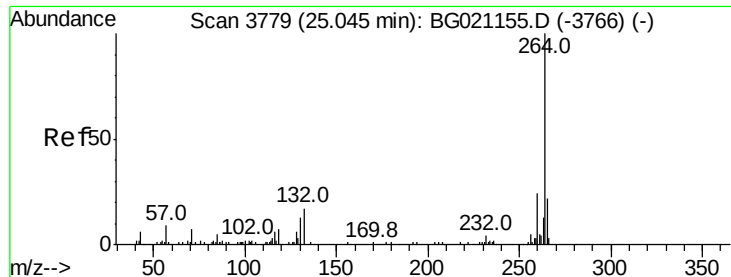


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

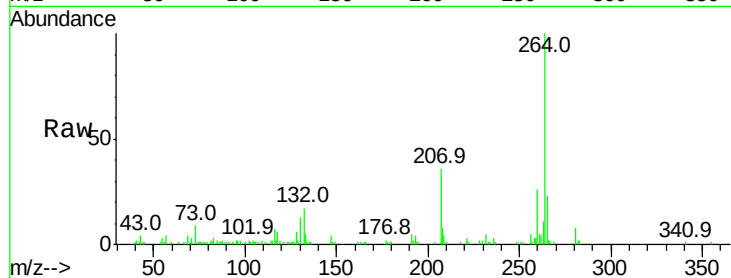




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3776
Delta R.T. -0.02 min
Lab File: BG021228.D
Acq: 3 Mar 2016 1:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.0	18.5	27.7
265	23.0	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

