

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
 Data File : BG022975.D
 Acq On : 9 Jul 2016 21:29
 Operator : UM/SJ
 Sample : H3915-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P7-B3-0-5-C

Quant Time: Jul 11 02:29:39 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

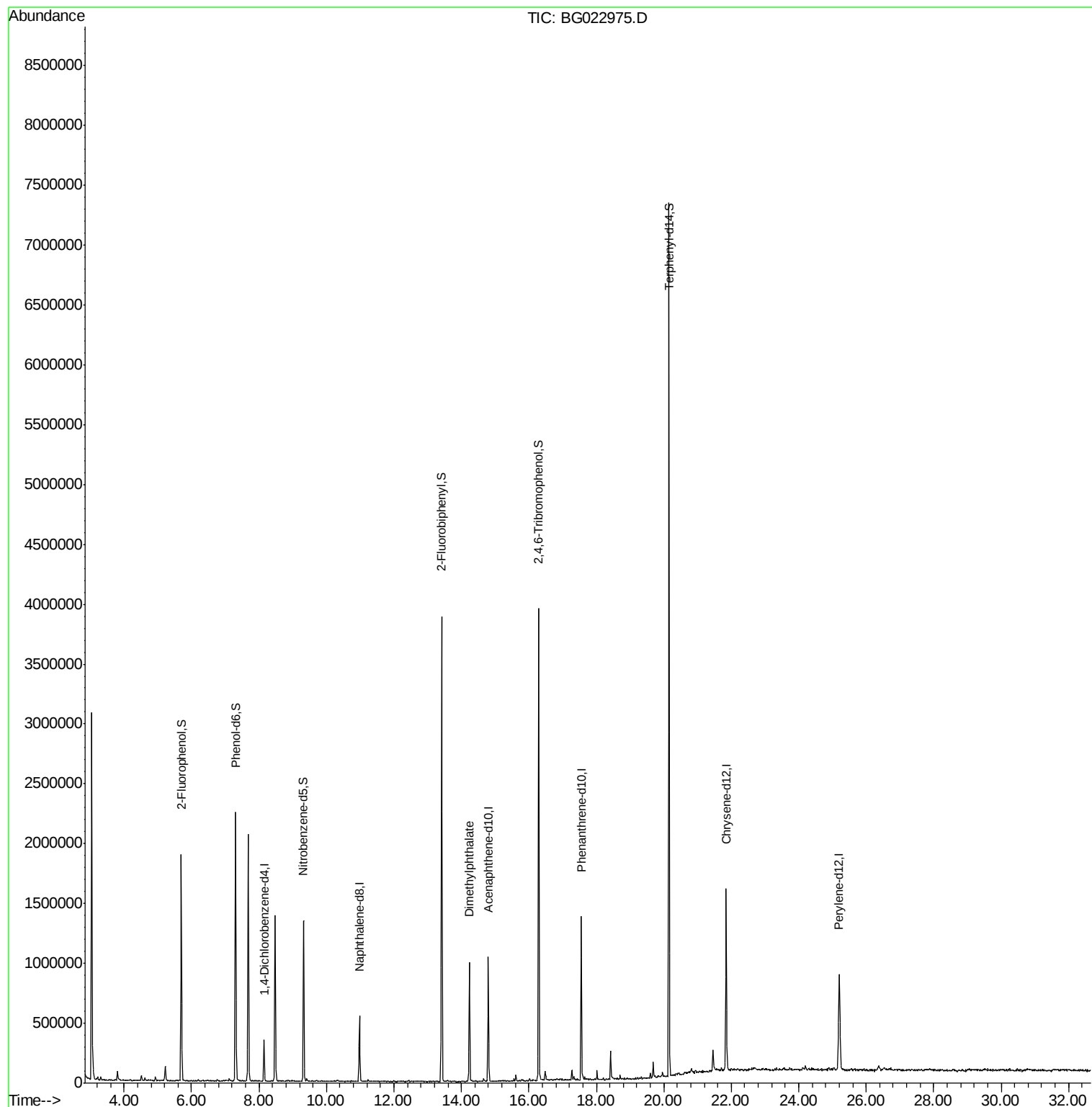
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	94943	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	427824	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	346284	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	854163	20.00	ng	0.00
75) Chrysene-d12	21.85	240	924982	20.00	ng	0.00
86) Perylene-d12	25.20	264	941793	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	758258	130.62	ng	0.00
7) Phenol-d6	7.30	99	1231848	135.48	ng	0.00
23) Nitrobenzene-d5	9.33	82	875413	87.62	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	715832	115.02	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1898533	86.36	ng	0.00
78) Terphenyl-d14	20.15	244	2747524	101.38	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	603352	21.33	ng	Qvalue 98

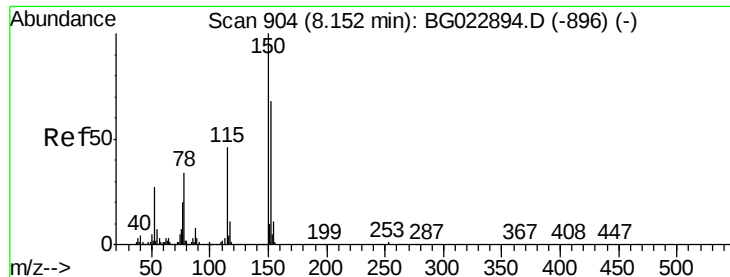
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.01 min

Lab File: BG022975.D

Acq: 9 Jul 2016 21:29

Instrument :

BNA_G

ClientSampleId :

P7-B3-0-5-C

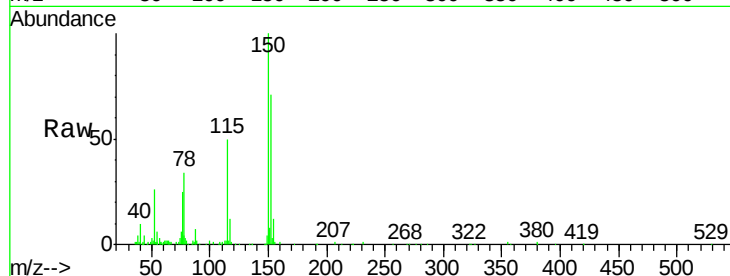
Tgt Ion:152 Resp: 94943

Ion Ratio Lower Upper

152 100

150 141.5 144.7 217.1#

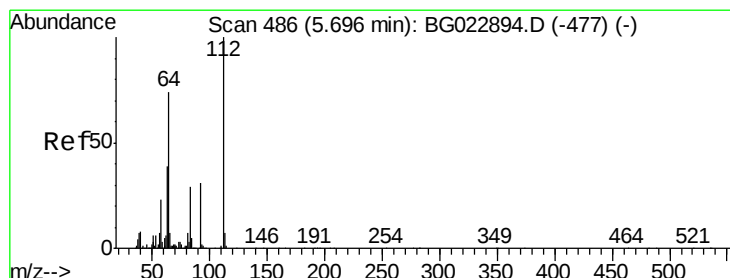
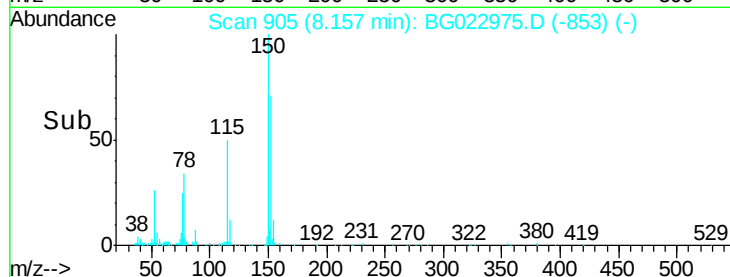
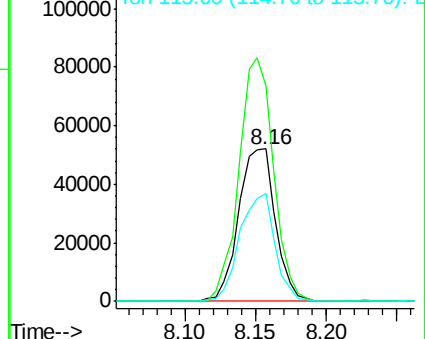
115 70.5 64.0 96.0



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: 130.62 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG022975.D

Acq: 9 Jul 2016 21:29

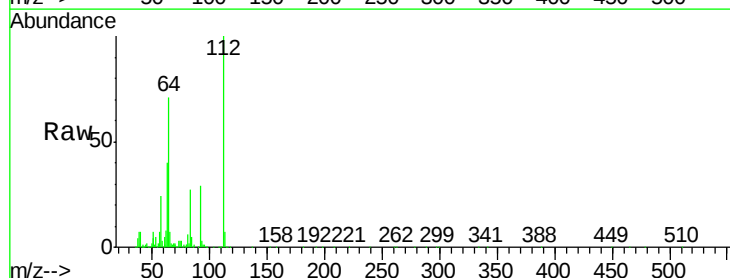
Tgt Ion:112 Resp: 758258

Ion Ratio Lower Upper

112 100

64 70.6 59.0 88.4

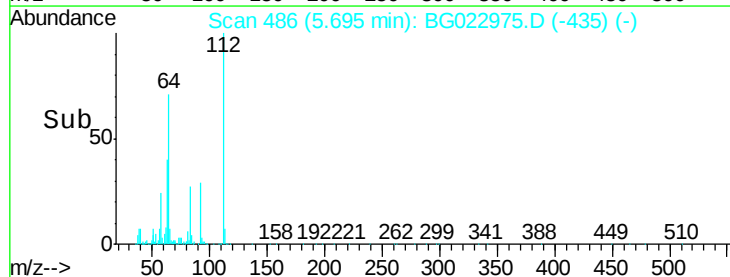
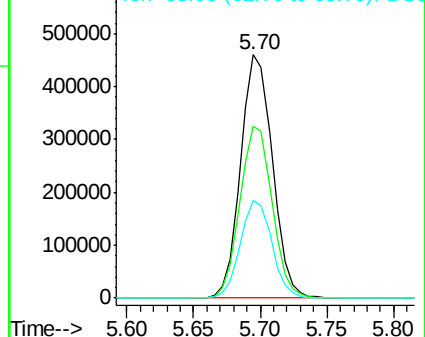
63 40.0 37.8 56.8

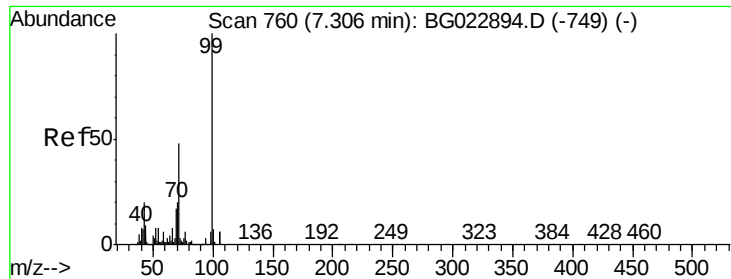


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 135.48 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022975.D

Acq: 9 Jul 2016 21:29

Instrument :

BNA_G

ClientSampleId :

P7-B3-0-5-C

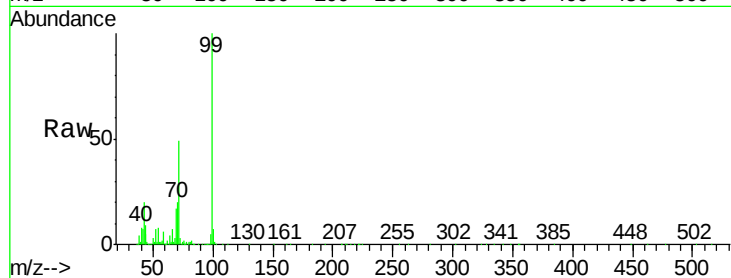
Tgt Ion: 99 Resp: 1231848

Ion Ratio Lower Upper

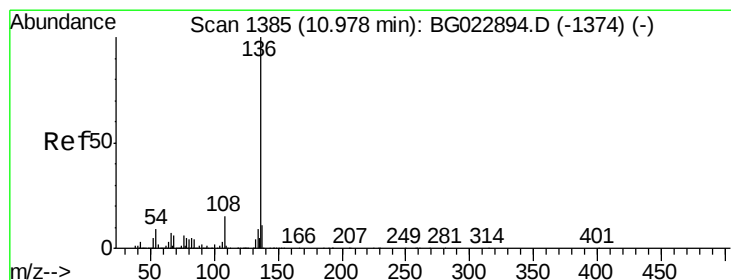
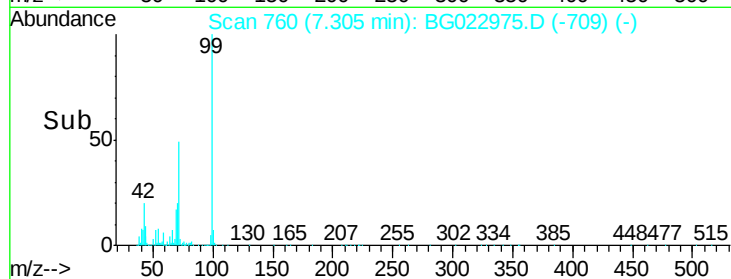
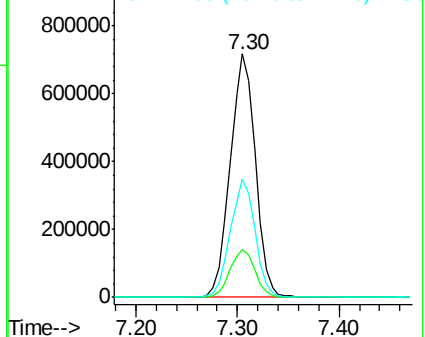
99 100

42 19.5 17.8 26.6

71 48.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG022975.D

Acq: 9 Jul 2016 21:29

Tgt Ion: 136 Resp: 427824

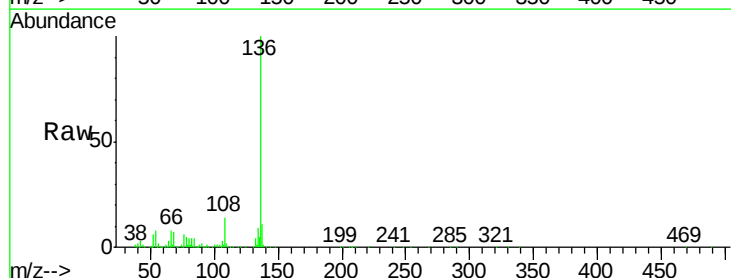
Ion Ratio Lower Upper

136 100

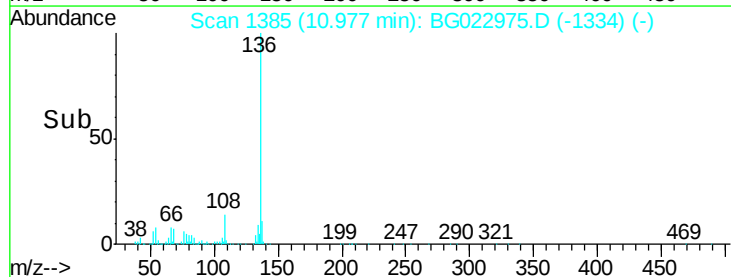
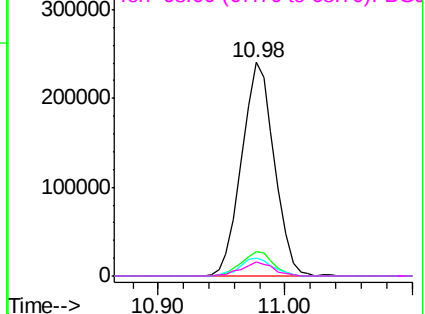
137 11.5 9.6 14.4

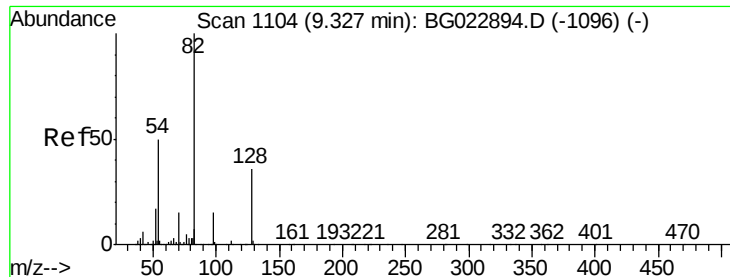
54 8.3 7.3 10.9

68 6.6 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

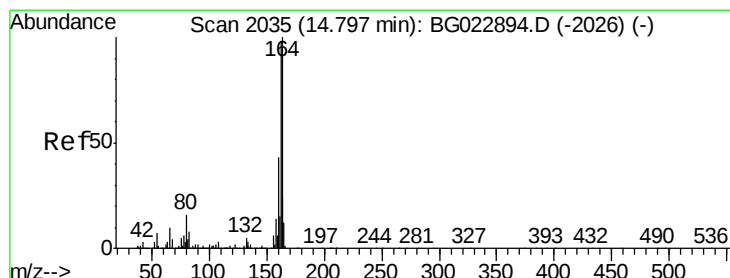
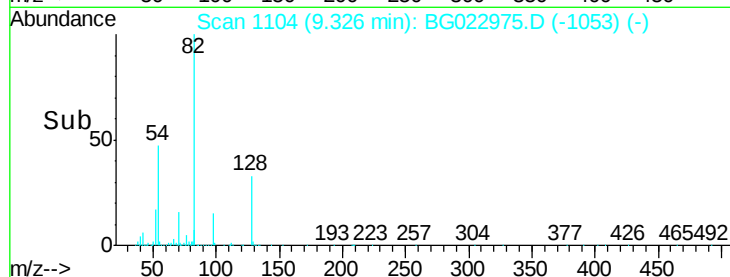
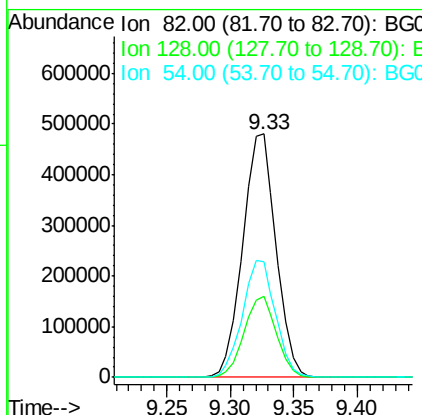
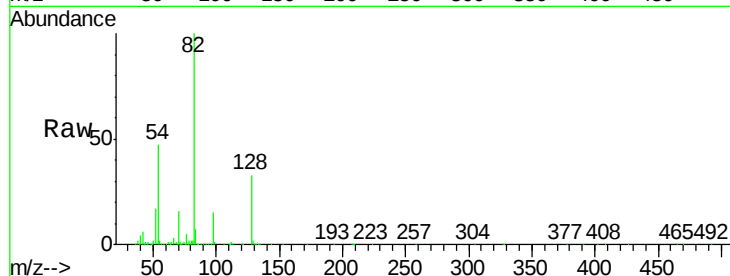




#23
 Nitrobenzene-d5
 Concen: 87.62 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022975.D
 Acq: 9 Jul 2016 21:29

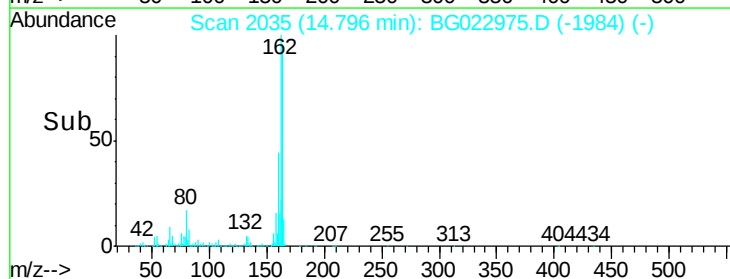
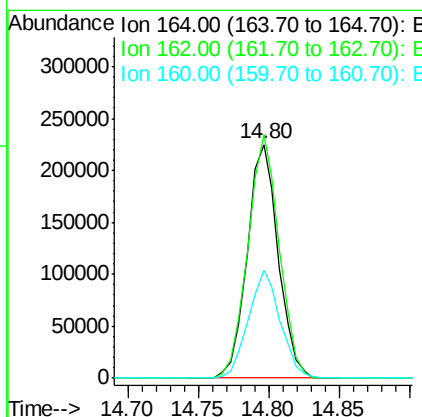
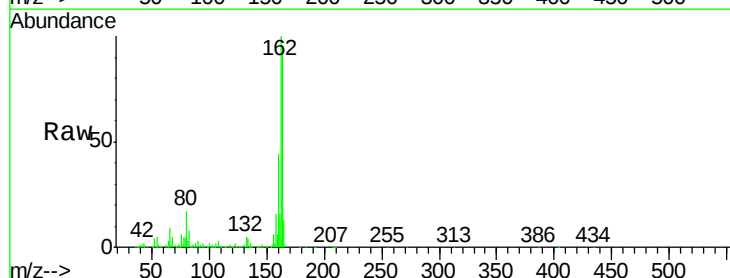
Instrument :
 BNA_G
 ClientSampleId :
 P7-B3-0-5-C

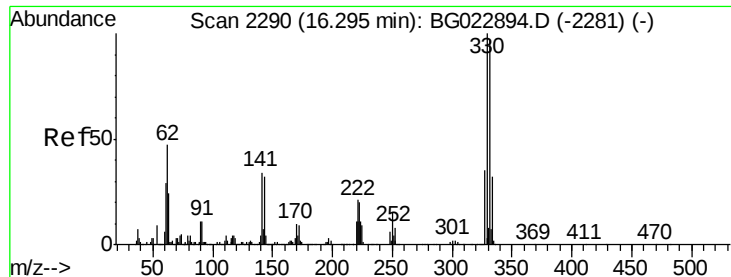
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.2	24.4	36.6
54	47.3	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022975.D
 Acq: 9 Jul 2016 21:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	87.7	131.5
160	46.1	37.2	55.8

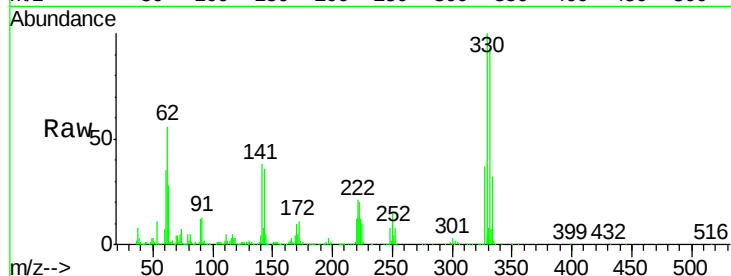




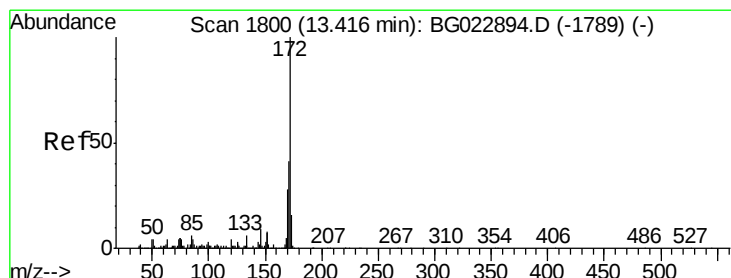
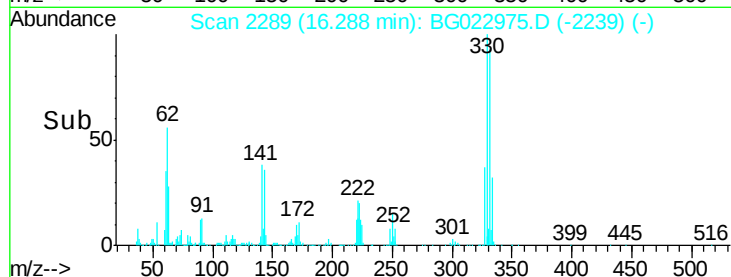
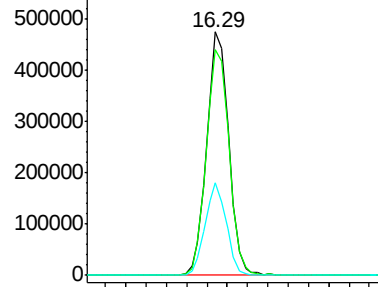
#41
 2,4,6-Tribromophenol
 Concen: 115.02 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG022975.D
 Acq: 9 Jul 2016 21:29

Instrument :
 BNA_G
 ClientSampleId :
 P7-B3-0-5-C

Tgt Ion:330 Resp: 715832
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 36.5 31.7 47.5

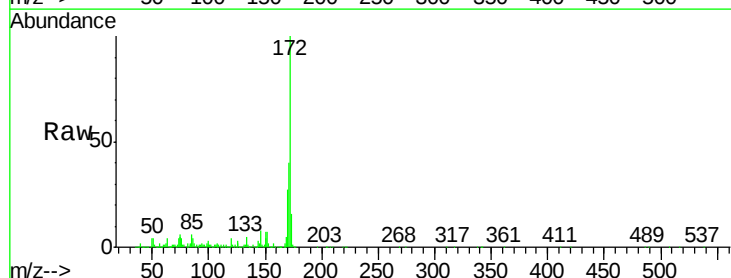


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

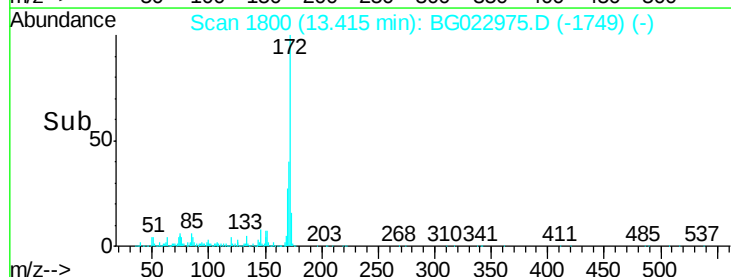
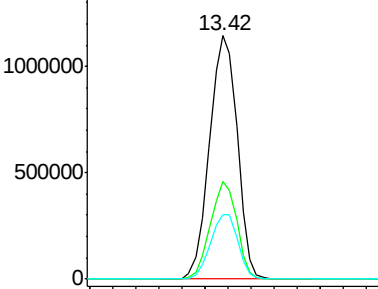


#44
 2-Fluorobiphenyl
 Concen: 86.36 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022975.D
 Acq: 9 Jul 2016 21:29

Tgt Ion:172 Resp: 1898533
 Ion Ratio Lower Upper
 172 100
 171 40.3 31.6 47.4
 170 26.7 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: 21.33 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022975.D

Acq: 9 Jul 2016 21:29

Instrument :

BNA_G

ClientSampled :

P7-B3-0-5-C

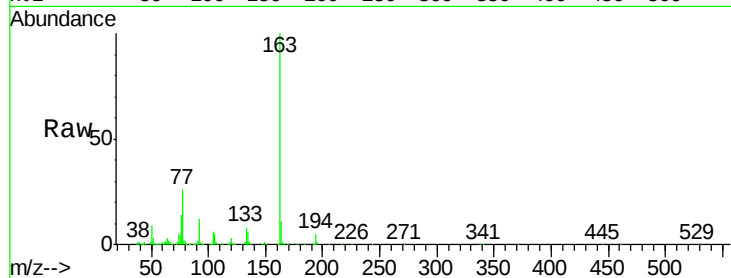
Tgt Ion:163 Resp: 603352

Ion Ratio Lower Upper

163 100

194 5.3 3.6 5.4

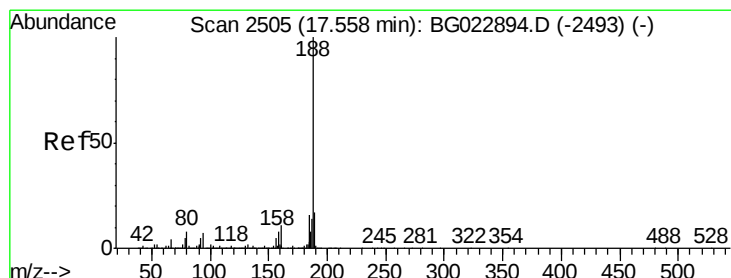
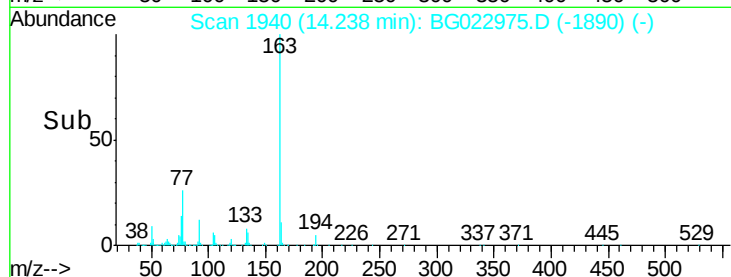
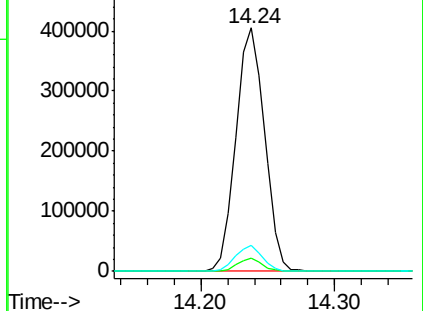
164 10.6 8.1 12.1



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: BG022975.D

Acq: 9 Jul 2016 21:29

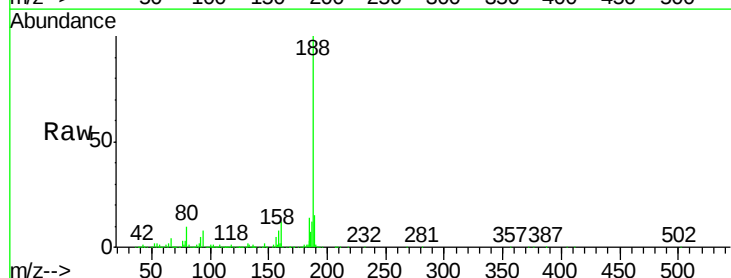
Tgt Ion:188 Resp: 854163

Ion Ratio Lower Upper

188 100

94 7.6 5.2 7.8

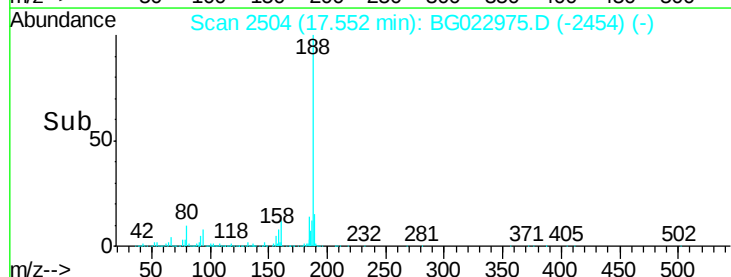
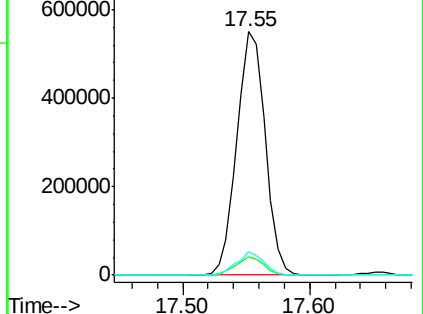
80 9.8 7.2 10.8

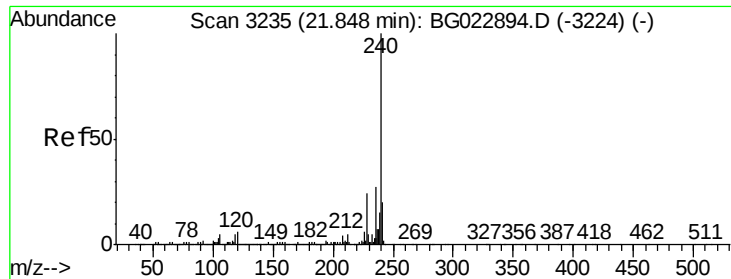


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG022975.D

Acq: 9 Jul 2016 21:29

Instrument :

BNA_G

ClientSampleId :

P7-B3-0-5-C

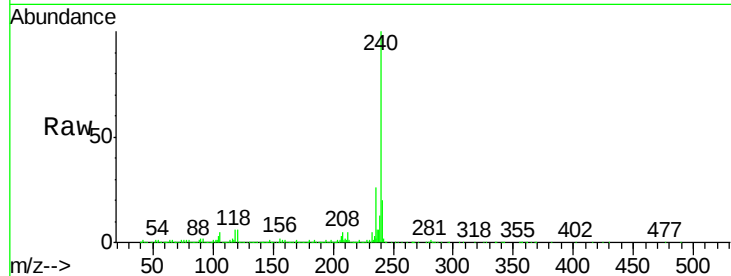
Tgt Ion:240 Resp: 924982

Ion Ratio Lower Upper

240 100

120 6.1 4.1 6.1

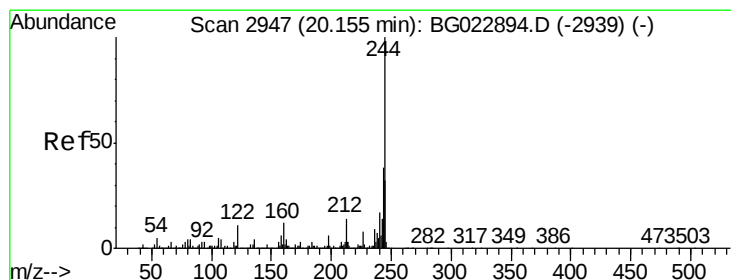
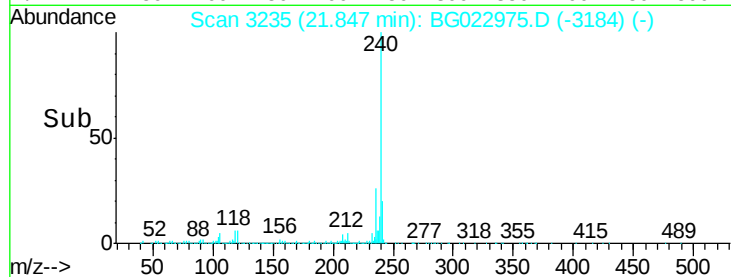
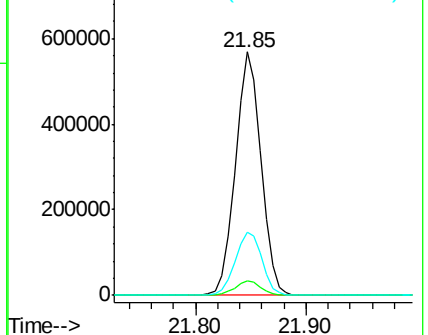
236 25.9 21.1 31.7



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: 101.38 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022975.D

Acq: 9 Jul 2016 21:29

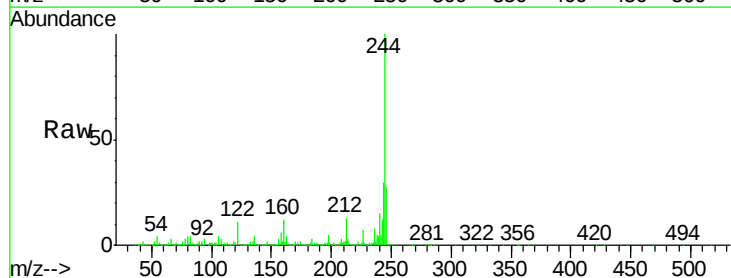
Tgt Ion:244 Resp: 2747524

Ion Ratio Lower Upper

244 100

212 13.2 10.8 16.2

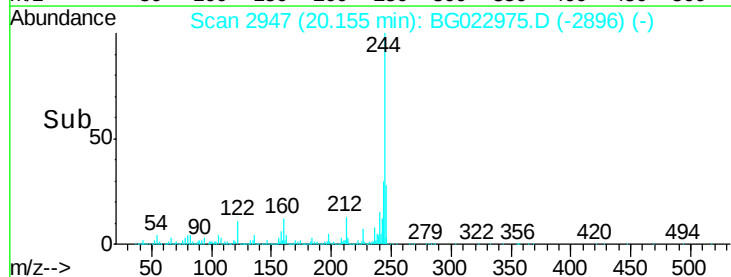
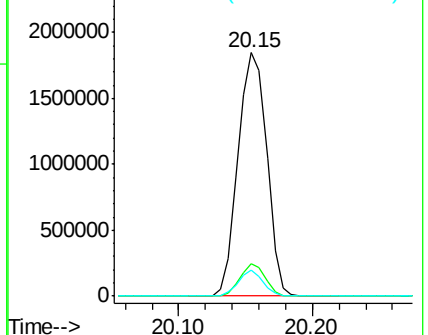
122 10.8 8.0 12.0

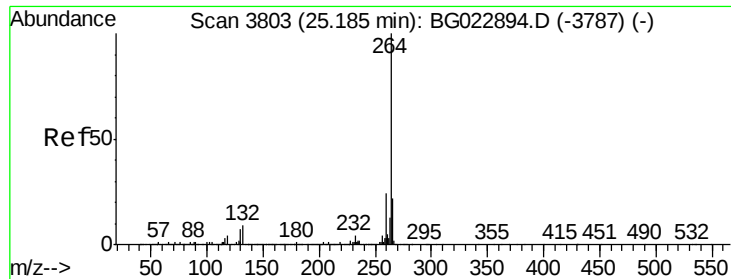


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.20 min Scan# 3806
Delta R.T. 0.02 min
Lab File: BG022975.D
Acq: 9 Jul 2016 21:29

Instrument :
BNA_G
ClientSampleId :
P7-B3-0-5-C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.4	27.6
265	22.1	18.9	28.3

