

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070916\
 Data File : BG022956.D
 Acq On : 9 Jul 2016 8:05
 Operator : UM/SJ
 Sample : H3927-02
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0002

Quant Time: Jul 11 01:19:02 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

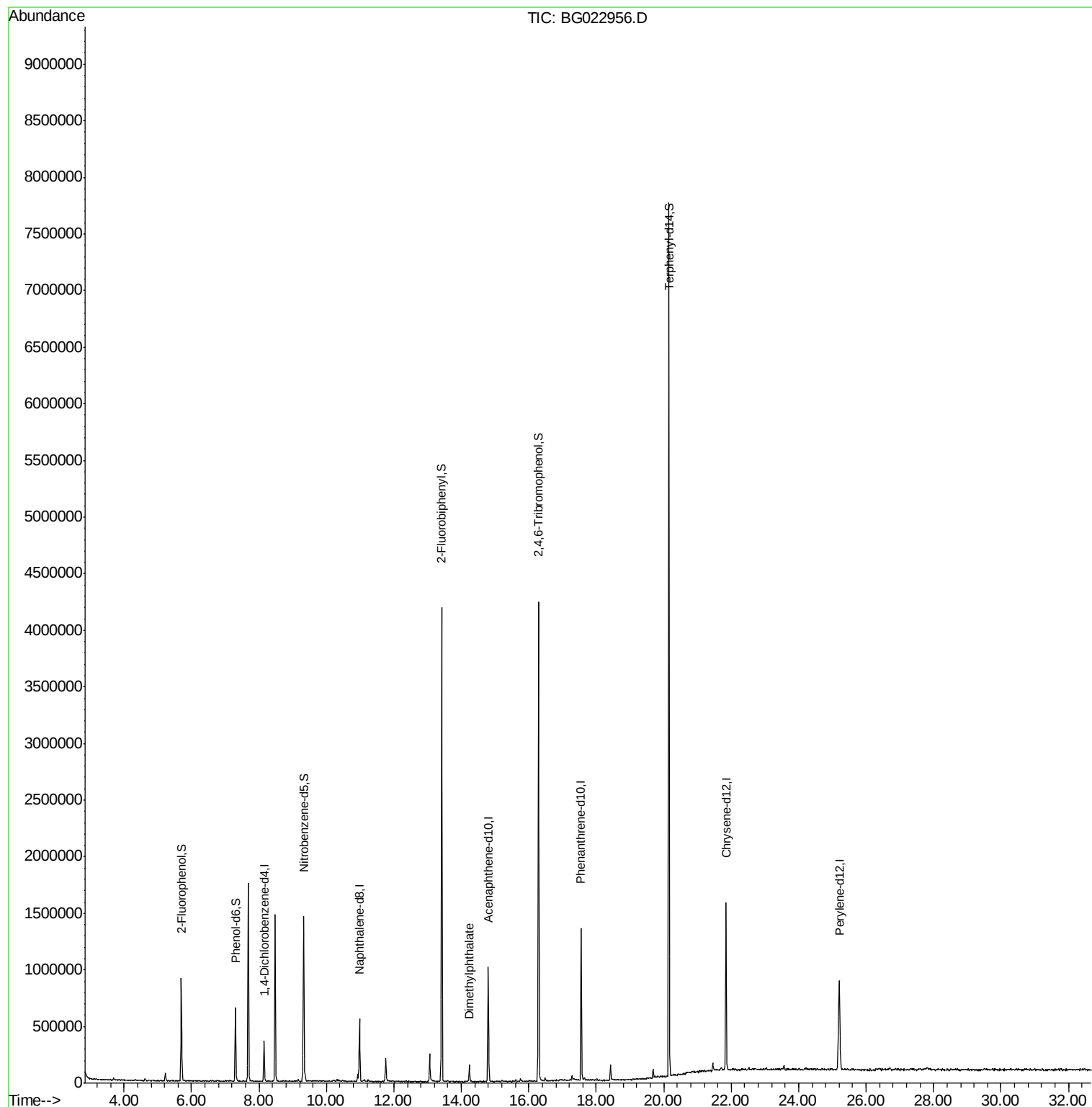
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	93371	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	429101	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	338524	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	816750	20.00	ng	0.00
75) Chrysene-d12	21.85	240	900099	20.00	ng	0.00
86) Perylene-d12	25.21	264	912917	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	389109	68.16	ng	0.00
7) Phenol-d6	7.30	99	377930	42.27	ng	0.00
23) Nitrobenzene-d5	9.32	82	962286	96.02	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	783304	128.75	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	2025425	94.24	ng	0.00
78) Terphenyl-d14	20.15	244	2871015	116.82	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	94363	3.41	ng	Qvalue 97

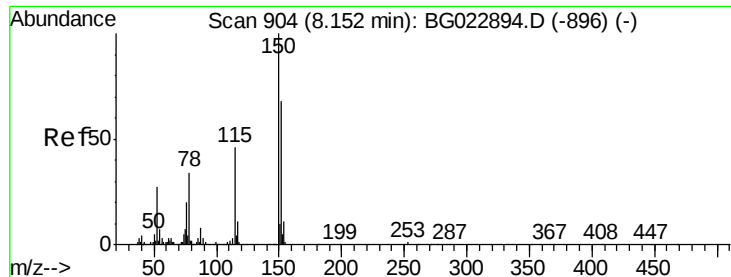
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG022956.D

Acq: 9 Jul 2016 8:05

Instrument :

BNA_G

ClientSampleId :

S22-0002

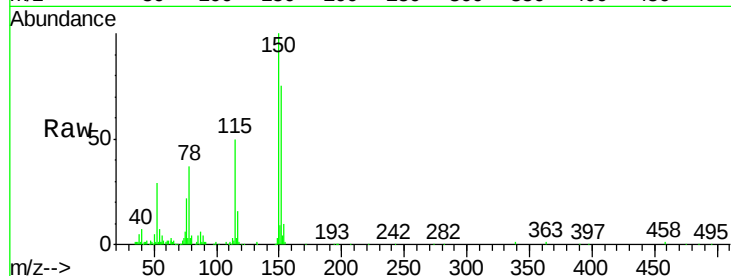
Tgt Ion:152 Resp: 93371

Ion Ratio Lower Upper

152 100

150 133.5 144.7 217.1#

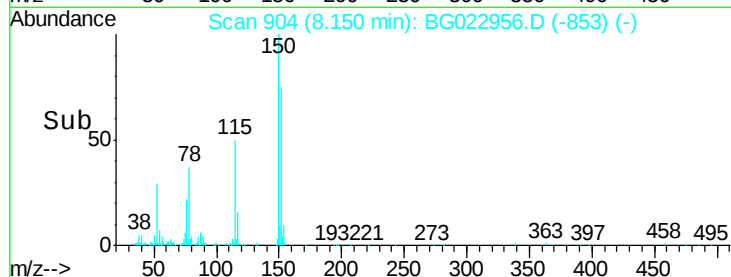
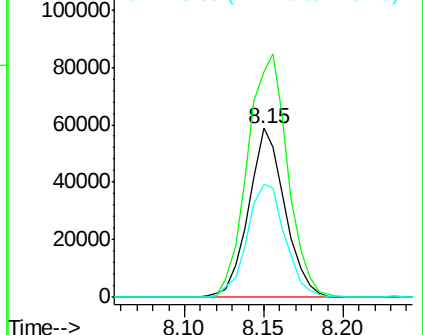
115 67.0 64.0 96.0



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: 68.16 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022956.D

Acq: 9 Jul 2016 8:05

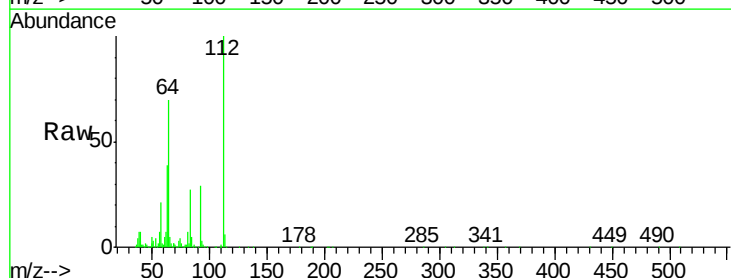
Tgt Ion:112 Resp: 389109

Ion Ratio Lower Upper

112 100

64 70.3 59.0 88.4

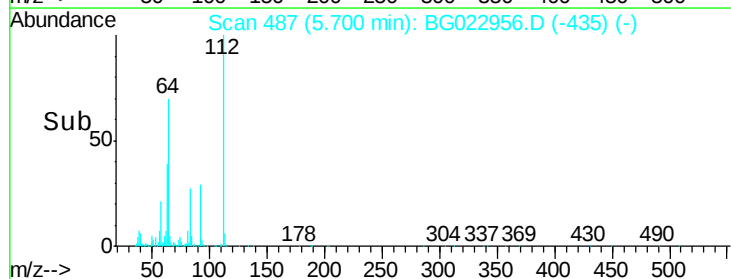
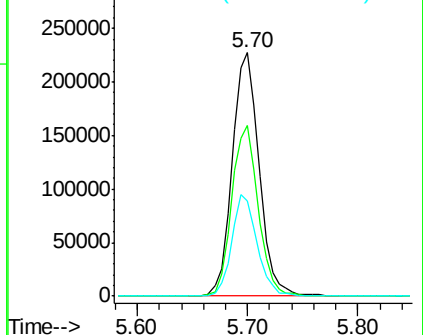
63 39.2 37.8 56.8

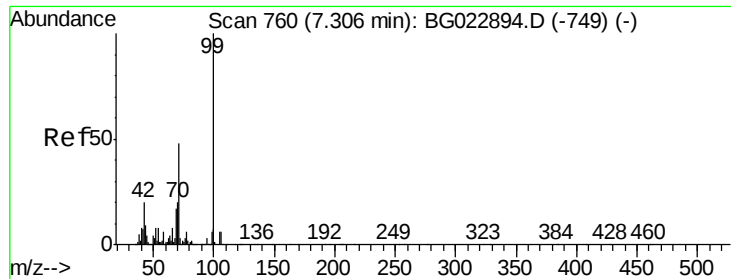


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 42.27 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022956.D

Acq: 9 Jul 2016 8:05

Instrument :

BNA_G

ClientSampleId :

S22-0002

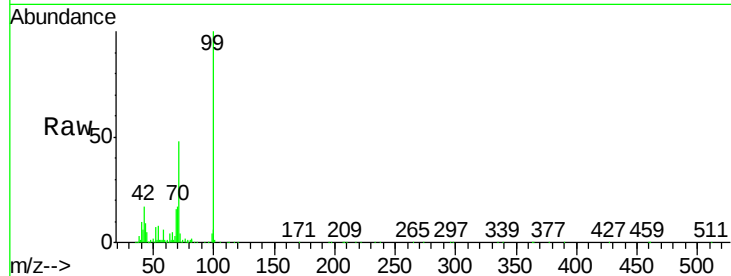
Tgt Ion: 99 Resp: 377930

Ion Ratio Lower Upper

99 100

42 17.0 17.8 26.6#

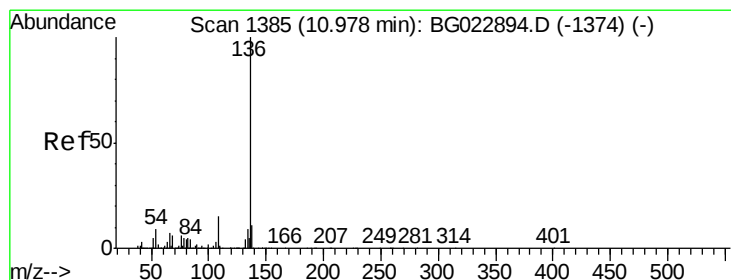
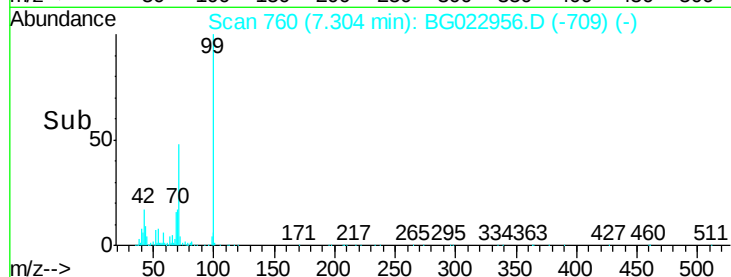
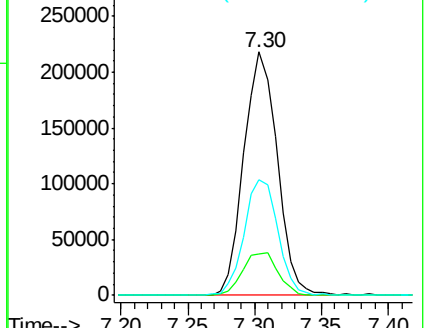
71 47.6 41.5 62.3



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# 1386

Delta R.T. 0.00 min

Lab File: BG022956.D

Acq: 9 Jul 2016 8:05

Tgt Ion: 136 Resp: 429101

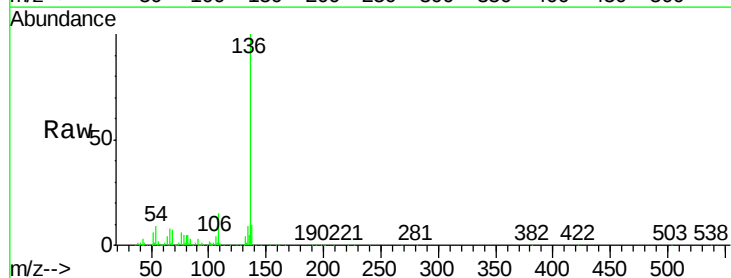
Ion Ratio Lower Upper

136 100

137 10.2 9.6 14.4

54 9.1 7.3 10.9

68 7.1 5.3 7.9

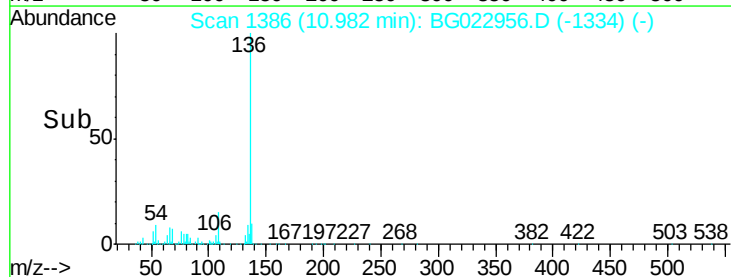
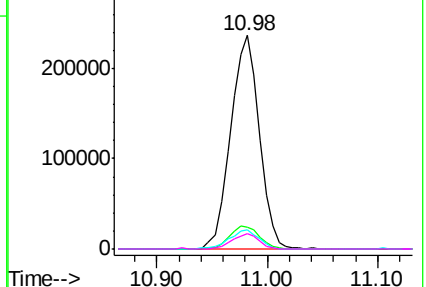


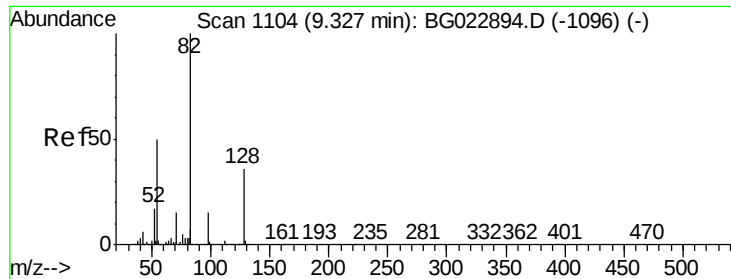
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

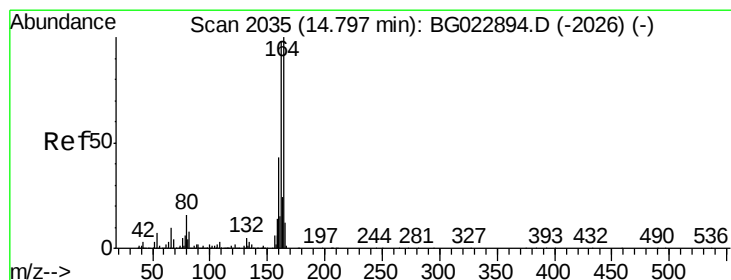
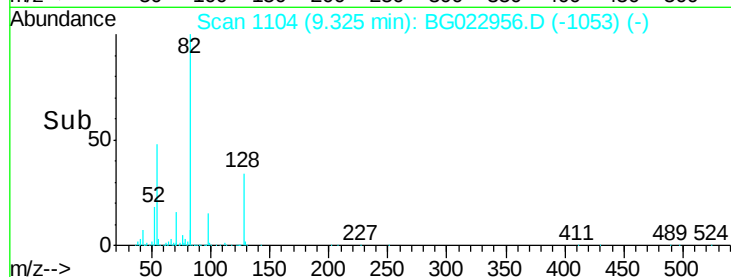
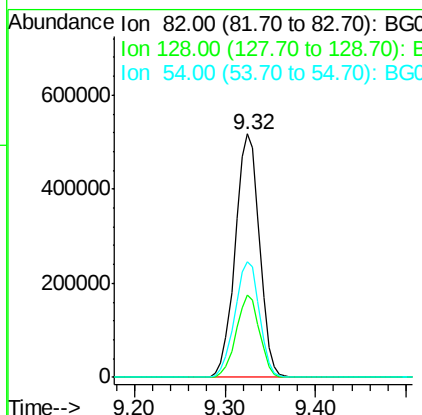
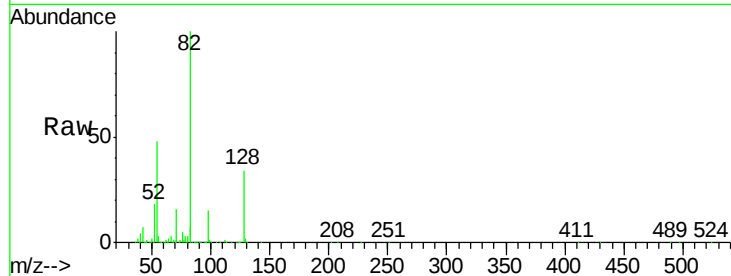




#23
 Nitrobenzene-d5
 Concen: 96.02 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022956.D
 Acq: 9 Jul 2016 8:05

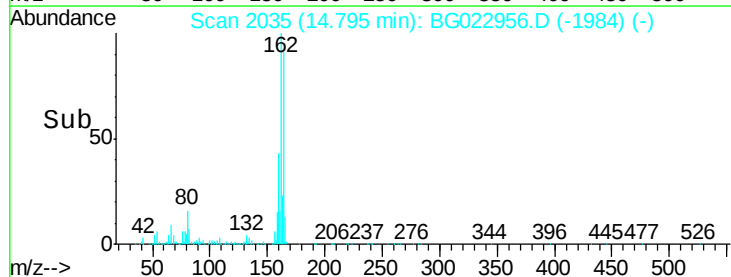
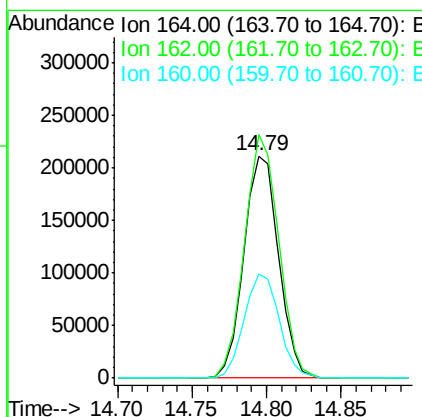
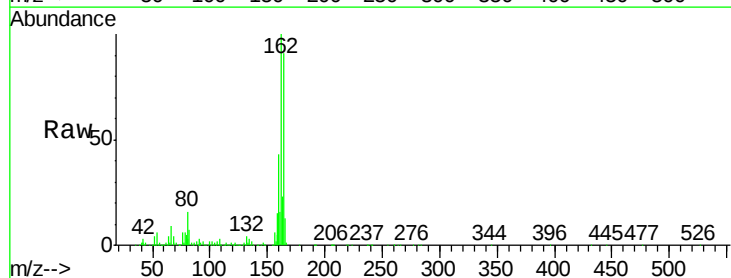
Instrument :
 BNA_G
 ClientSampleId :
 S22-0002

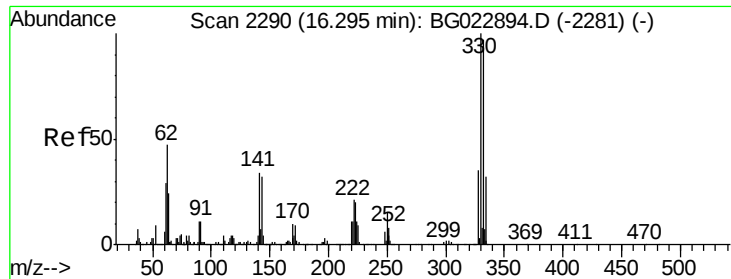
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.6	24.4	36.6
54	47.6	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022956.D
 Acq: 9 Jul 2016 8:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.5	87.7	131.5
160	47.1	37.2	55.8

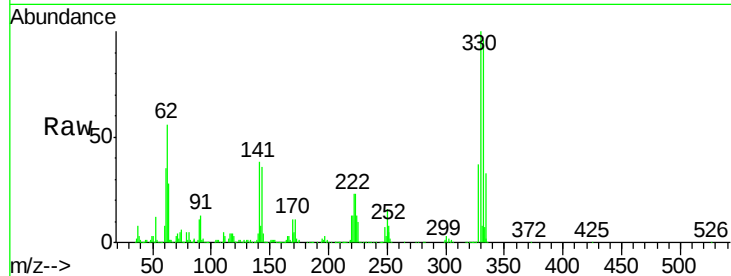




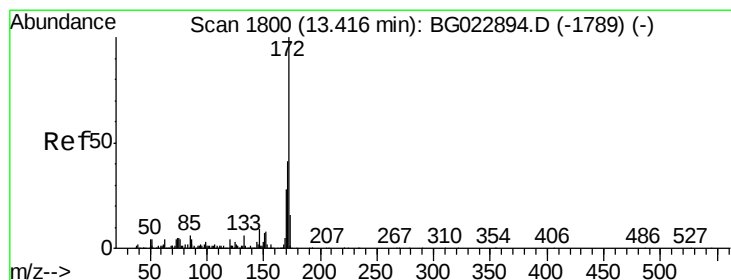
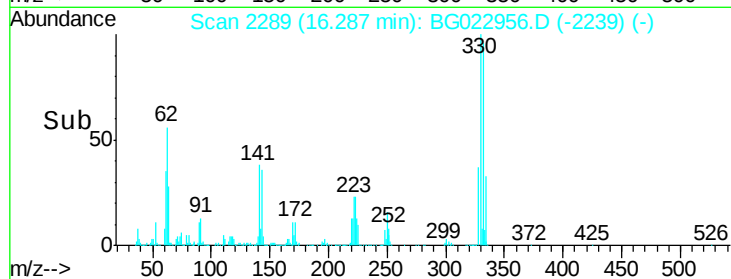
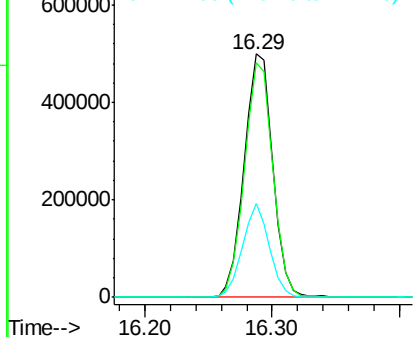
#41
 2,4,6-Tribromophenol
 Concen: 128.75 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG022956.D
 Acq: 9 Jul 2016 8:05

Instrument :
 BNA_G
 ClientSampleId :
 S22-0002

Tgt Ion:330 Resp: 783304
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 35.9 31.7 47.5

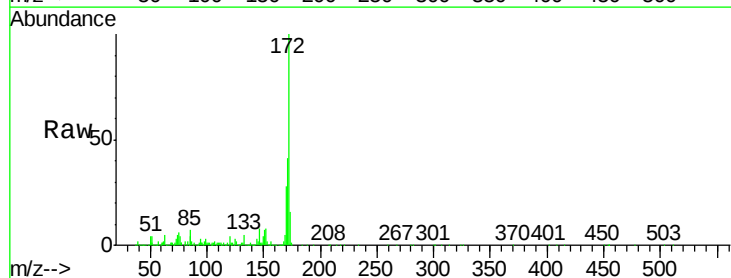


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

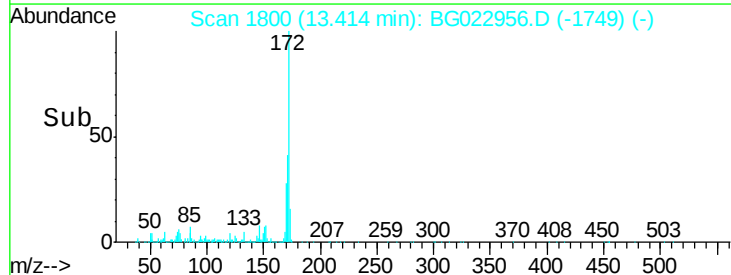
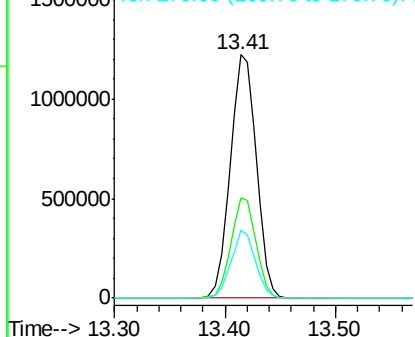


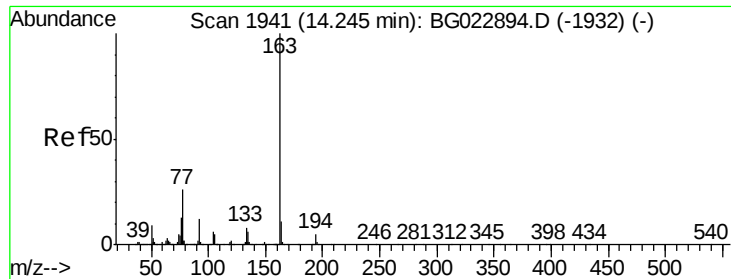
#44
 2-Fluorobiphenyl
 Concen: 94.24 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022956.D
 Acq: 9 Jul 2016 8:05

Tgt Ion:172 Resp: 2025425
 Ion Ratio Lower Upper
 172 100
 171 41.0 31.6 47.4
 170 27.8 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: 3.41 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG022956.D

Acq: 9 Jul 2016 8:05

Instrument :

BNA_G

ClientSampleId :

S22-0002

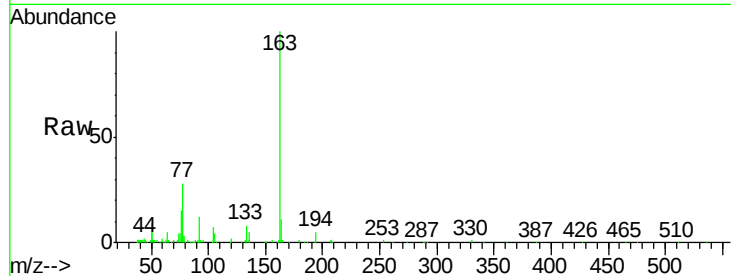
Tgt Ion:163 Resp: 94363

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

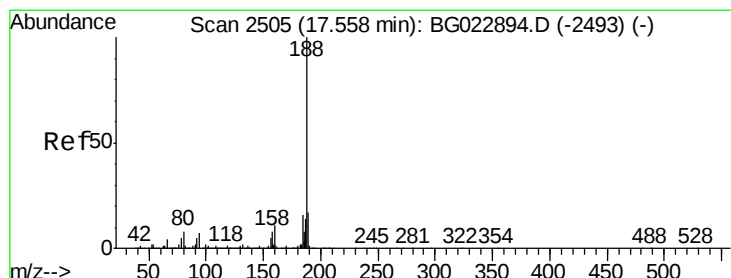
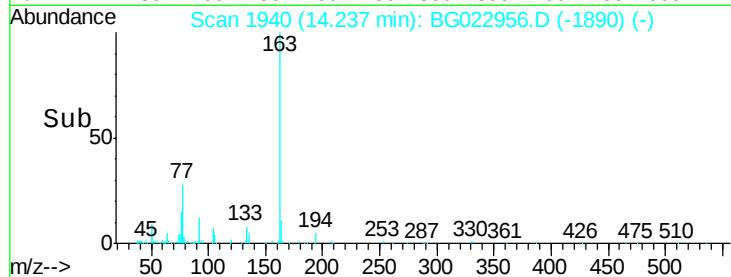
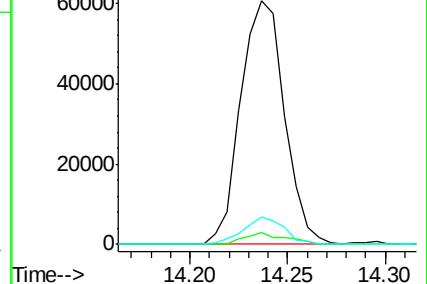
164 11.4 8.1 12.1



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: BG022956.D

Acq: 9 Jul 2016 8:05

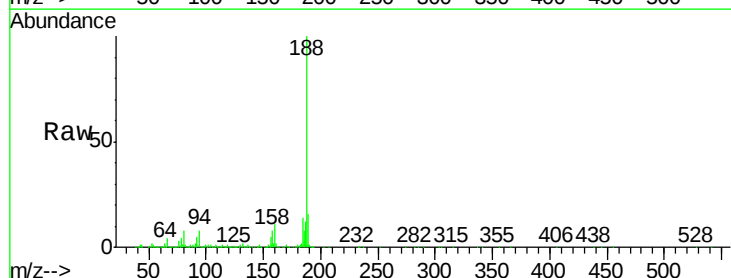
Tgt Ion:188 Resp: 816750

Ion Ratio Lower Upper

188 100

94 7.9 5.2 7.8#

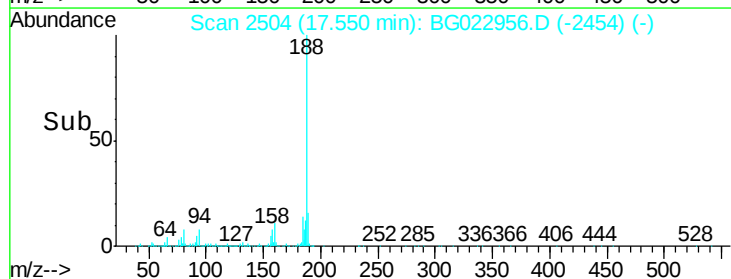
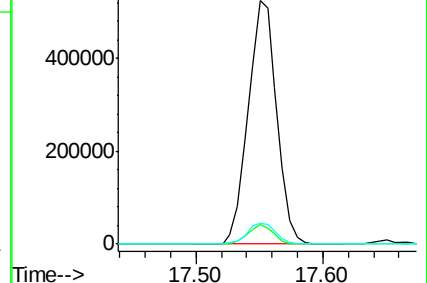
80 8.3 7.2 10.8

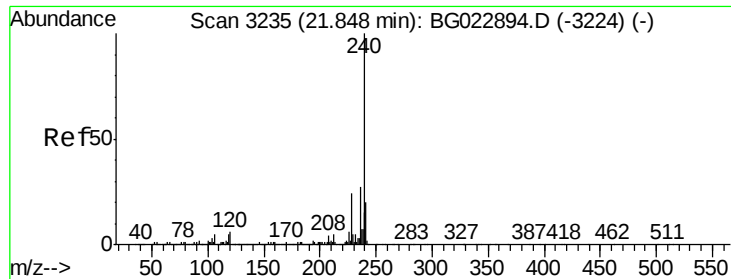


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

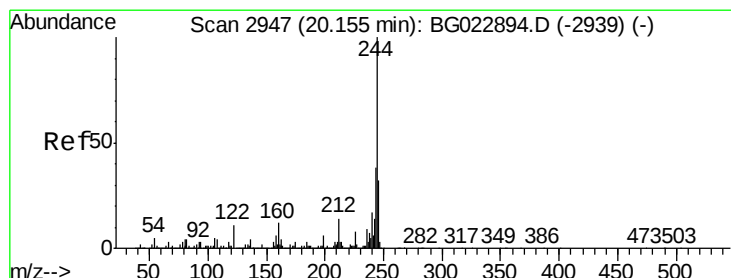
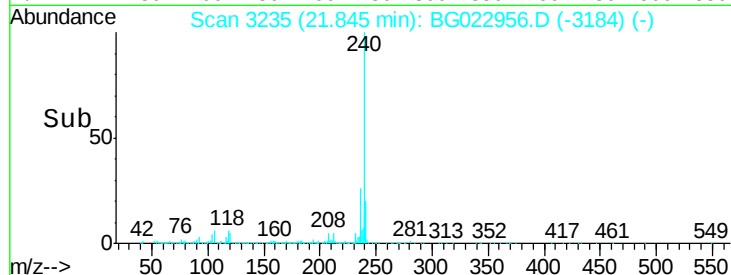
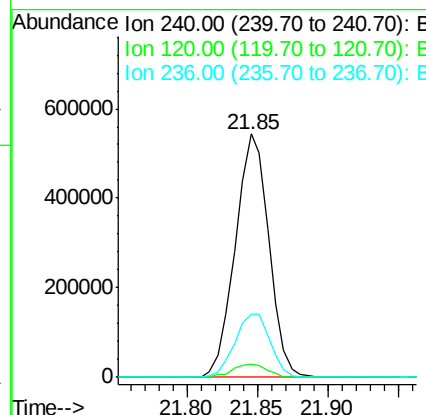
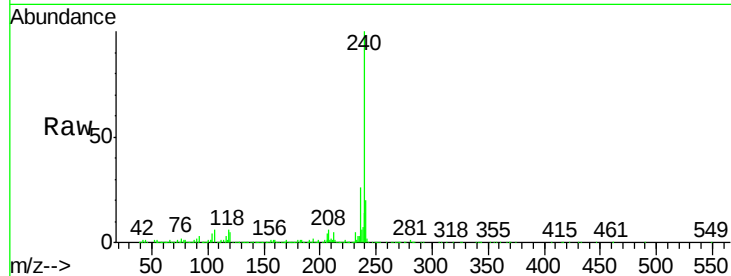




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022956.D
Acq: 9 Jul 2016 8:05

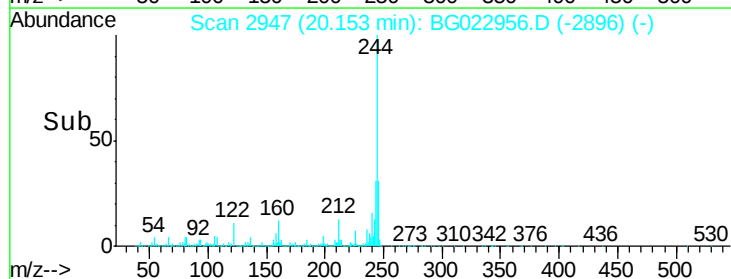
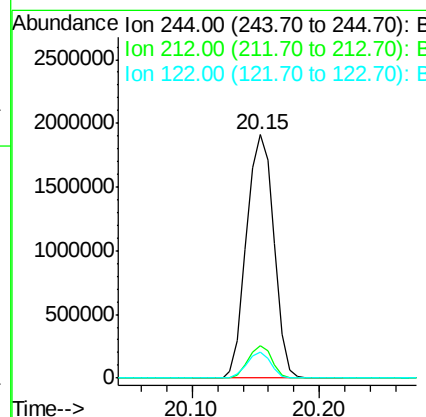
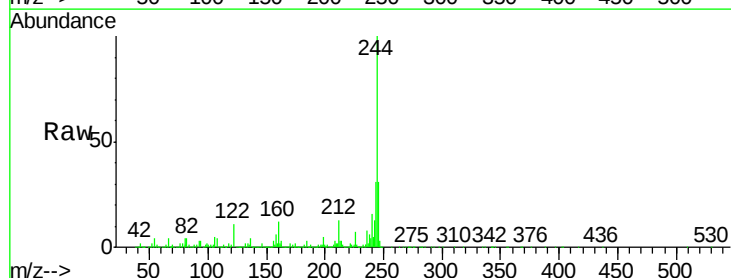
Instrument :
BNA_G
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S22-0002

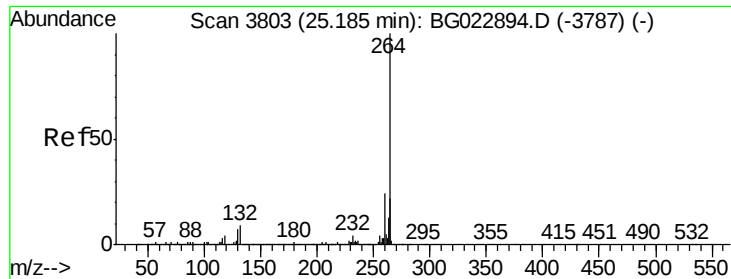
Tgt Ion:240 Resp: 900099
Ion Ratio Lower Upper
240 100
120 5.5 4.1 6.1
236 25.9 21.1 31.7



#78
Terphenyl-d14
Concen: 116.82 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG022956.D
Acq: 9 Jul 2016 8:05

Tgt Ion:244 Resp: 2871015
Ion Ratio Lower Upper
244 100
212 13.3 10.8 16.2
122 10.7 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

Delta R.T. 0.02 min

Lab File: BG022956.D

Acq: 9 Jul 2016 8:05

Instrument :

BNA_G

ClientSampleId :

S22-0002

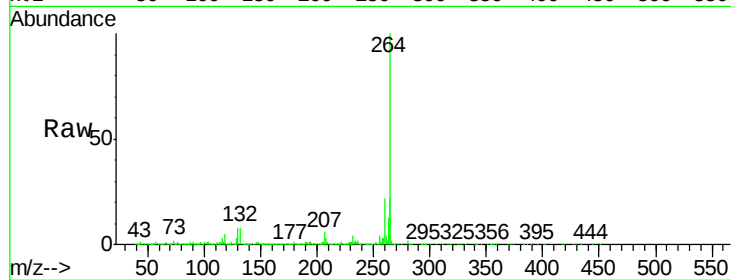
Tgt Ion:264 Resp: 912917

Ion Ratio Lower Upper

264 100

260 22.2 18.4 27.6

265 21.7 18.9 28.3



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

25.21

400000

300000

200000

100000

0

Time-->

