

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022960.D
 Acq On : 9 Jul 2016 11:25
 Operator : UM/SJ
 Sample : H3934-20
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-070616

Quant Time: Jul 11 01:20:11 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	87712	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	418939	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	336021	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	790733	20.00	ng	0.00
75) Chrysene-d12	21.85	240	891640	20.00	ng	0.00
86) Perylene-d12	25.21	264	880291	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	401643	74.89	ng	0.00
7) Phenol-d6	7.30	99	419146	49.90	ng	0.00
23) Nitrobenzene-d5	9.32	82	937889	95.86	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	759678	125.79	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	2064325	96.77	ng	0.00
78) Terphenyl-d14	20.15	244	2903392	122.43	ng	0.00

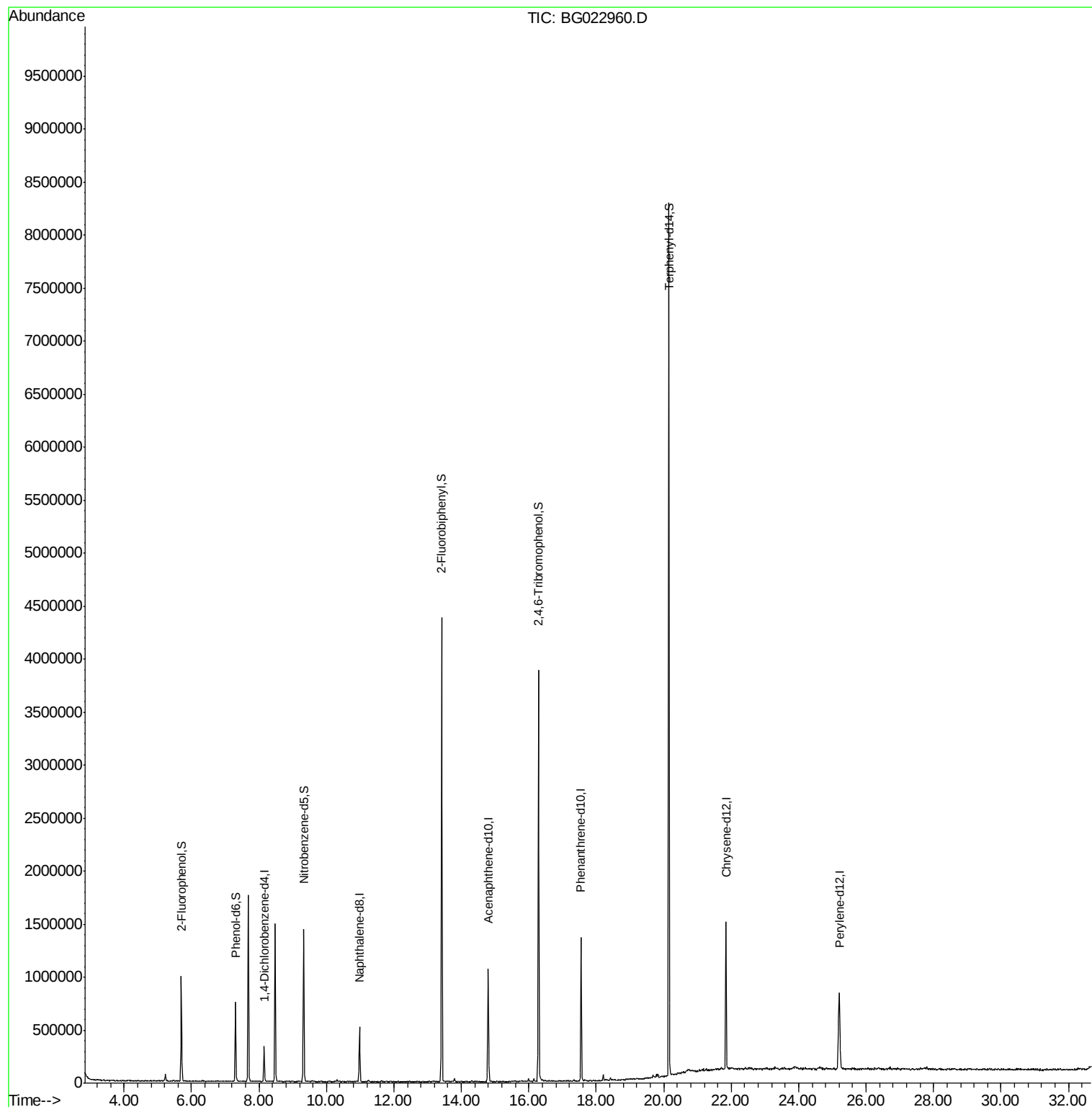
Target Compounds Qvalue

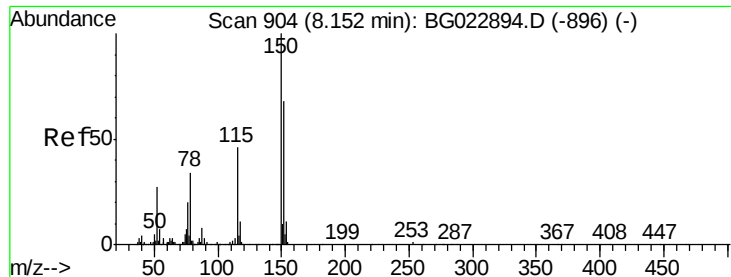
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG022960.D

Acq: 9 Jul 2016 11:25

Instrument :

BNA_G

ClientSampleId :

FB-070616

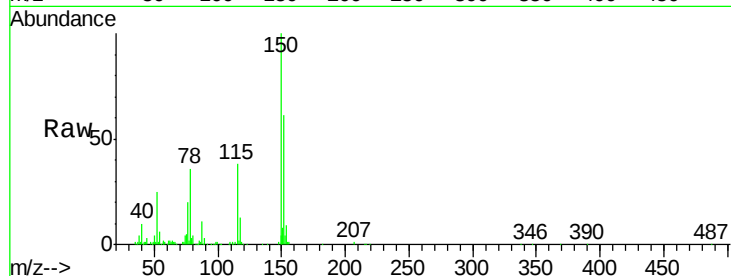
Tot Ion:152 Resp: 87712

Ion Ratio Lower Upper

152 100

150 163.7 144.7 217.1

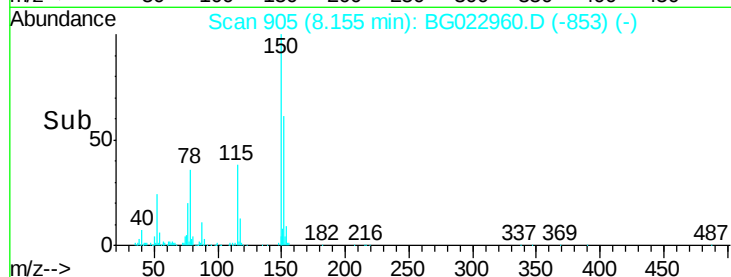
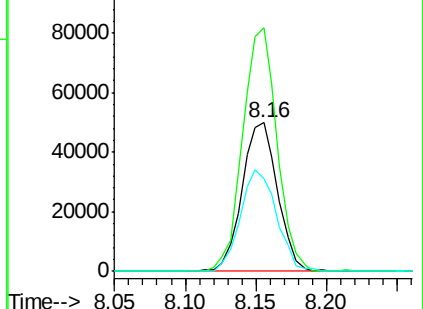
115 62.7 64.0 96.0#



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: 74.89 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022960.D

Acq: 9 Jul 2016 11:25

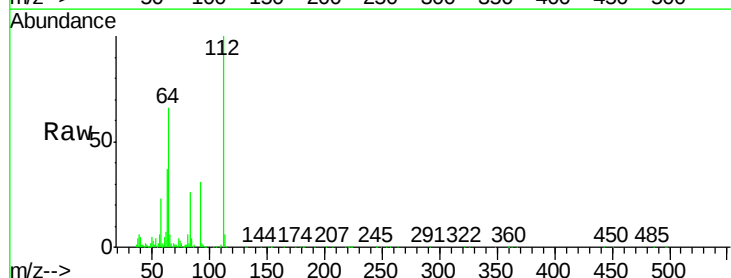
Tgt Ion:112 Resp: 401643

Ion Ratio Lower Upper

112 100

64 66.1 59.0 88.4

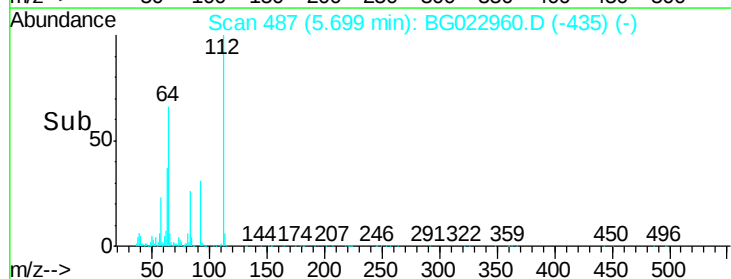
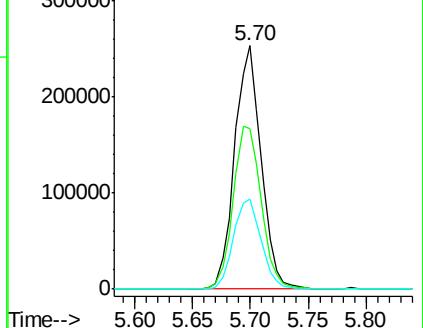
63 37.1 37.8 56.8#

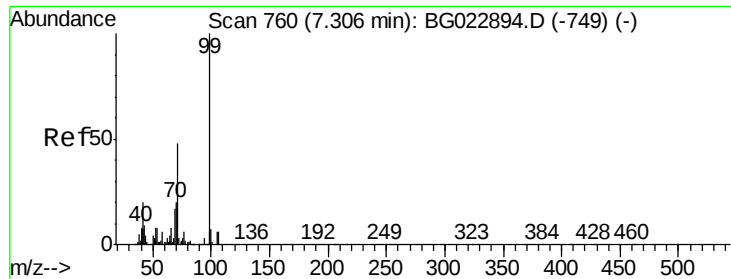


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 49.90 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022960.D

Acq: 9 Jul 2016 11:25

Instrument :

BNA_G

ClientSampleId :

FB-070616

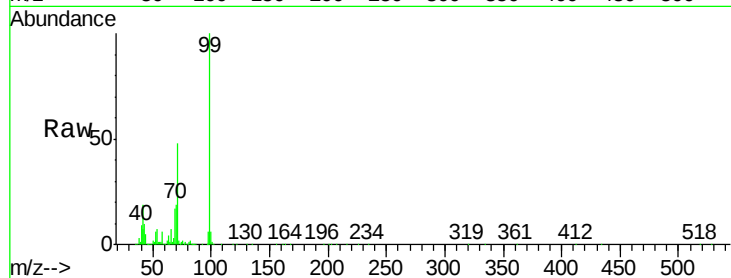
Tot Ion: 99 Resp: 419146

Ion Ratio Lower Upper

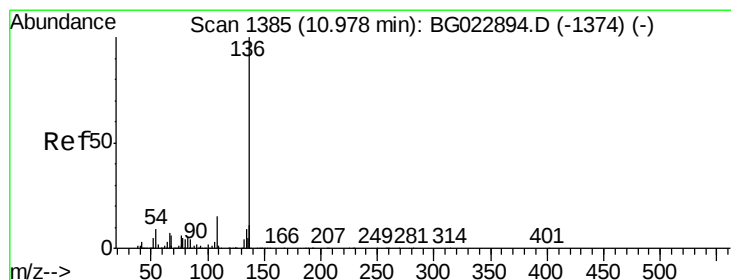
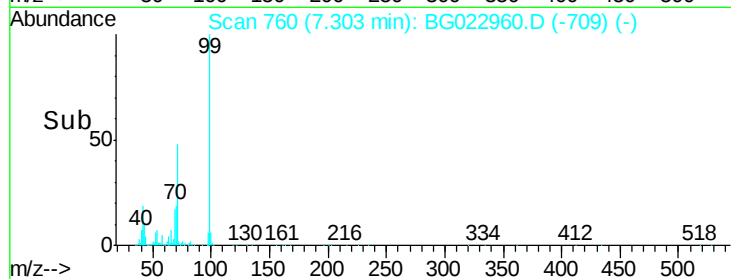
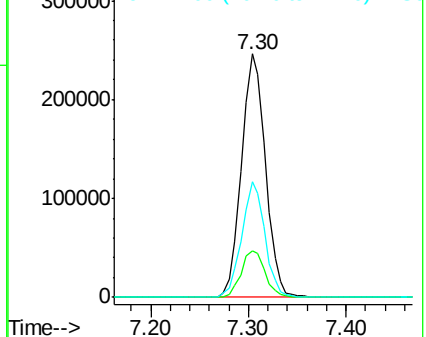
99 100

42 19.4 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: BG022960.D

Acq: 9 Jul 2016 11:25

Tgt Ion: 136 Resp: 418939

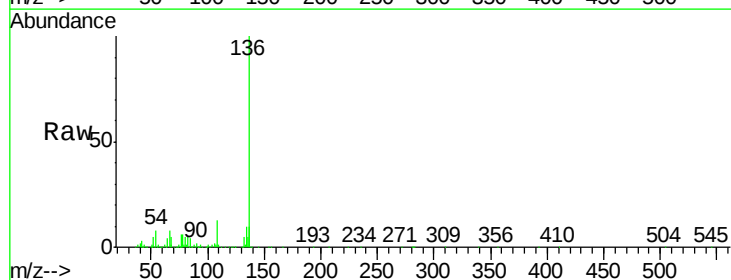
Ion Ratio Lower Upper

136 100

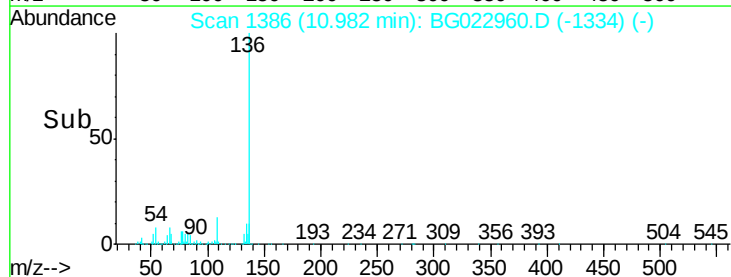
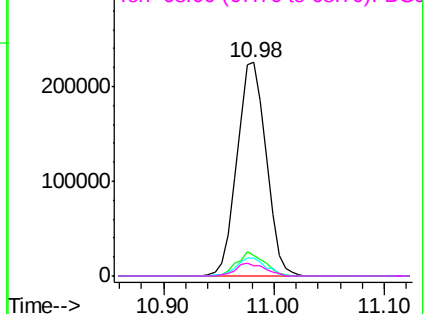
137 9.6 9.6 14.4#

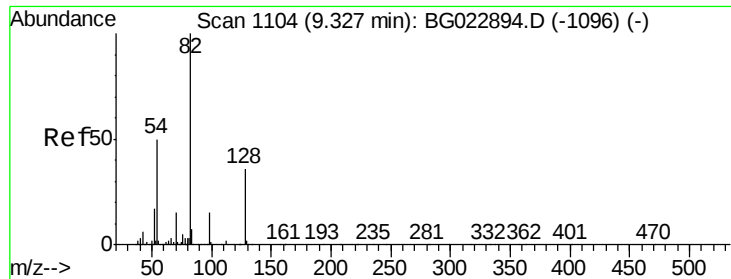
54 8.2 7.3 10.9

68 4.9 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

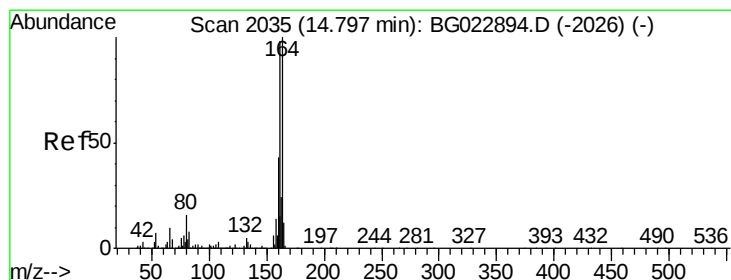
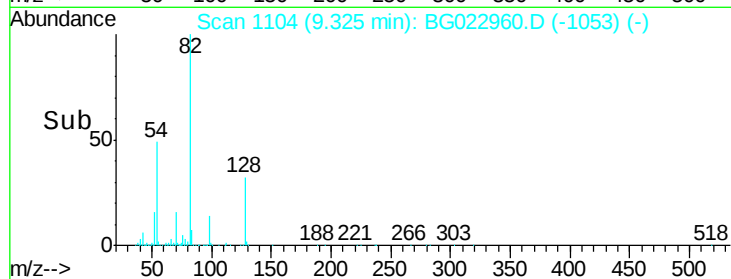
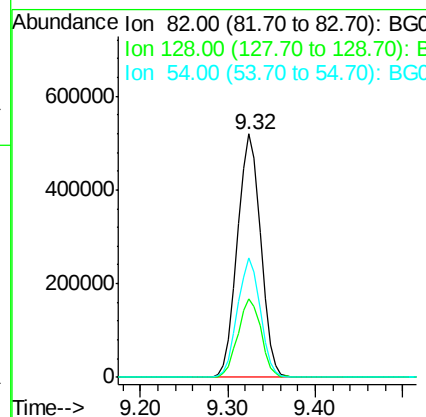
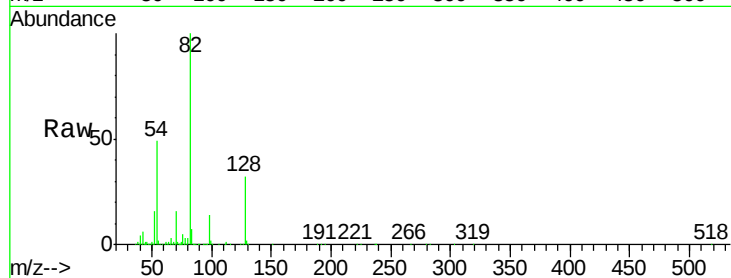




#23
 Nitrobenzene-d5
 Concen: 95.86 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022960.D
 Acq: 9 Jul 2016 11:25

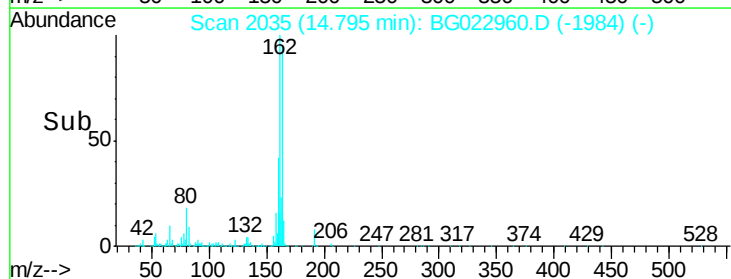
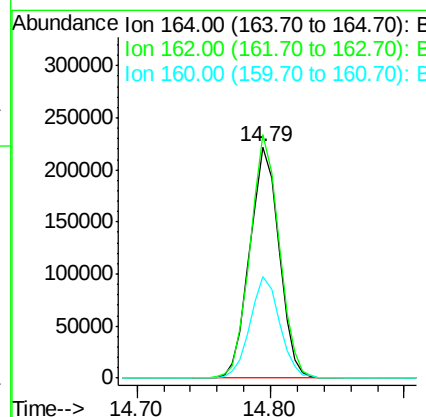
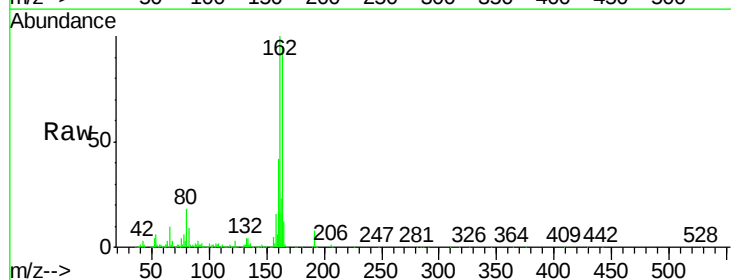
Instrument :
 BNA_G
 ClientSampleId :
 FB-070616

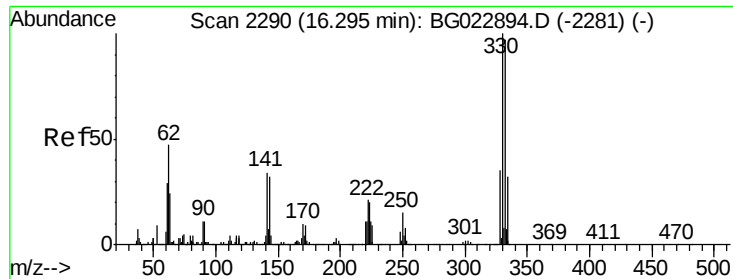
Tot Ion	82	Resp	937889
Ion Ratio	Lower	Upper	
82	100		
128	32.0	24.4	36.6
54	48.9	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022960.D
 Acq: 9 Jul 2016 11:25

Tgt Ion	164	Resp	336021
Ion Ratio	Lower	Upper	
164	100		
162	105.2	87.7	131.5
160	44.0	37.2	55.8

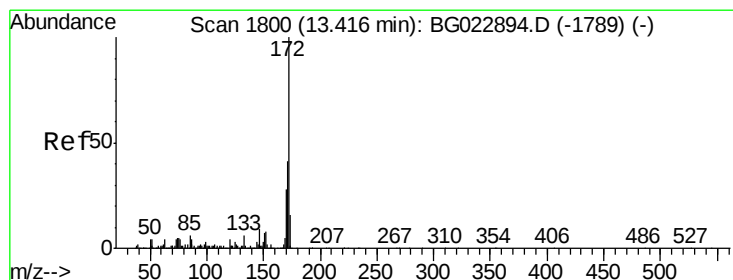
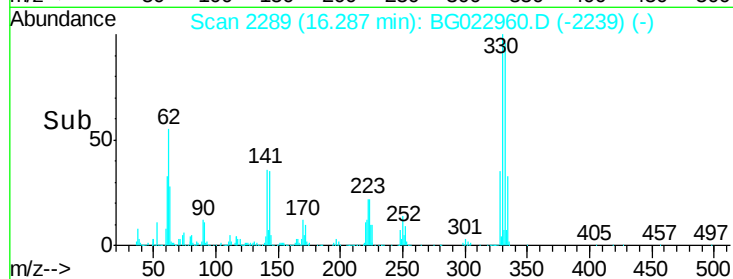
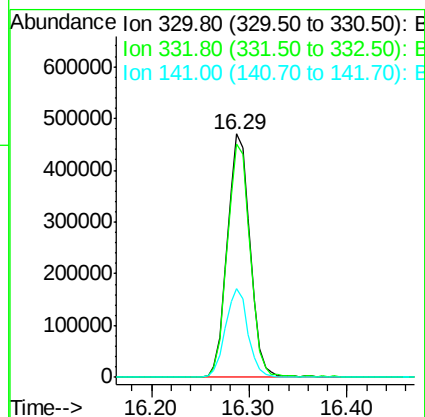
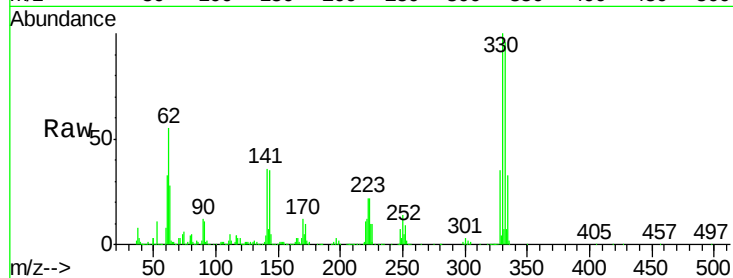




#41
 2,4,6-Tribromophenol
 Concen: 125.79 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG022960.D
 Acq: 9 Jul 2016 11:25

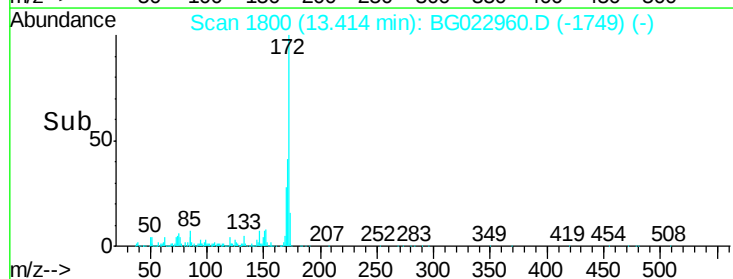
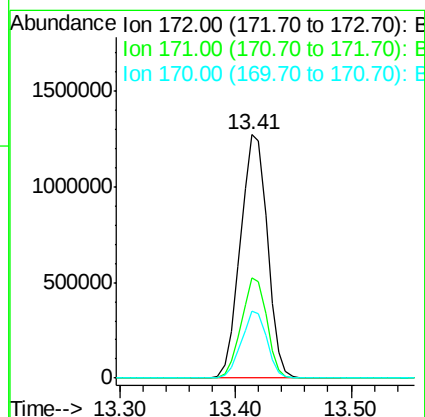
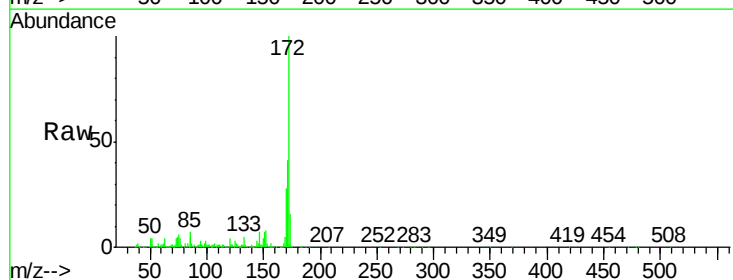
Instrument :
 BNA_G
 ClientSampleId :
 FB-070616

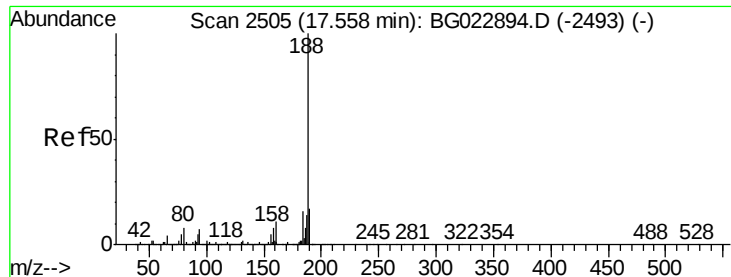
Tot Ion:330 Resp: 759678
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 35.6 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 96.77 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022960.D
 Acq: 9 Jul 2016 11:25

Tgt Ion:172 Resp: 2064325
 Ion Ratio Lower Upper
 172 100
 171 41.4 31.6 47.4
 170 27.6 21.3 31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG022960.D

Acq: 9 Jul 2016 11:25

Instrument :

BNA_G

ClientSampleId :

FB-070616

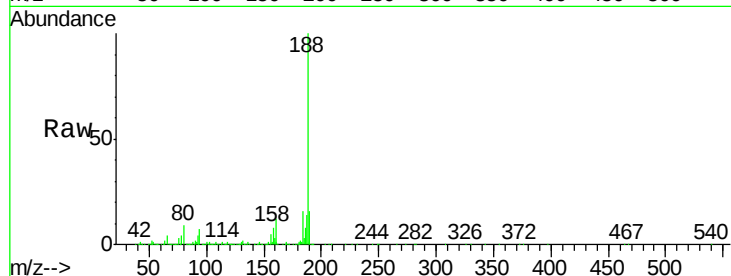
Tot Ion:188 Resp: 790733

Ion Ratio Lower Upper

188 100

94 6.7 5.2 7.8

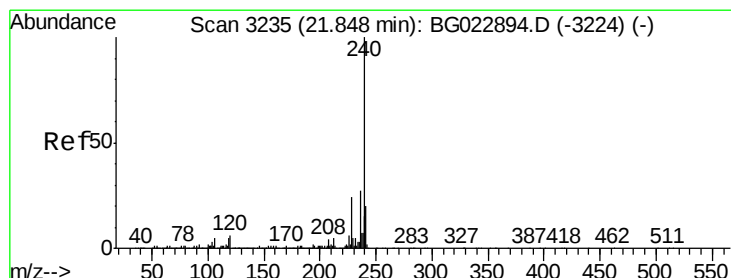
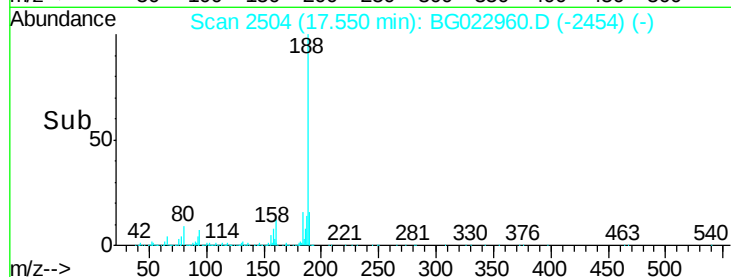
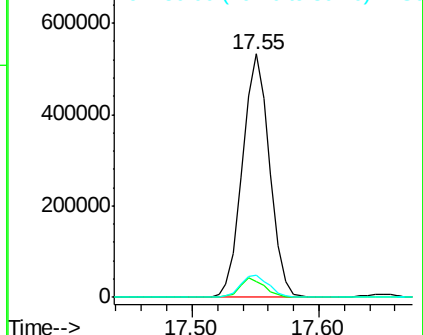
80 9.3 7.2 10.8



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: BG022960.D

Acq: 9 Jul 2016 11:25

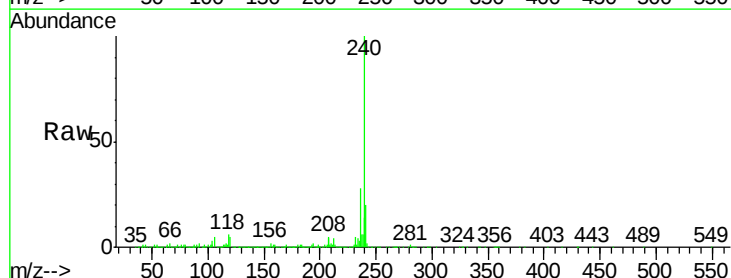
Tgt Ion:240 Resp: 891640

Ion Ratio Lower Upper

240 100

120 5.3 4.1 6.1

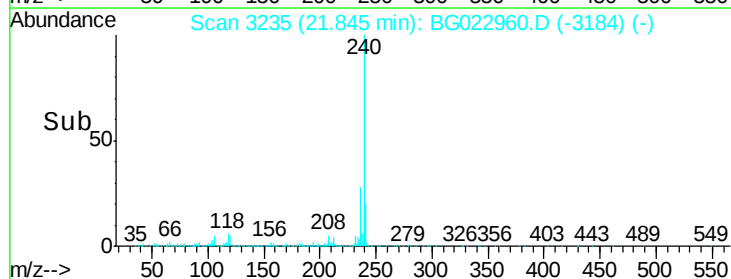
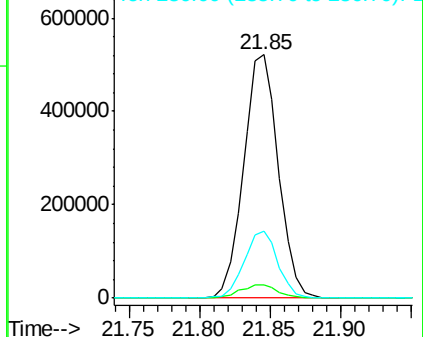
236 27.7 21.1 31.7

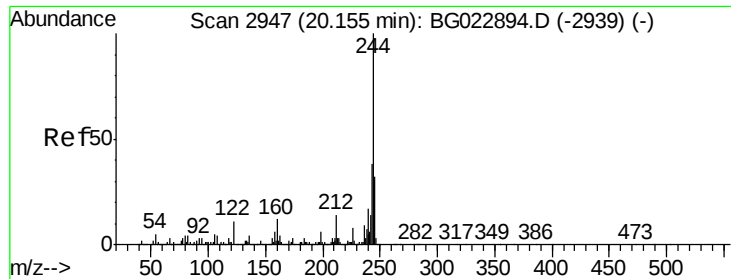


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 122.43 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022960.D

Acq: 9 Jul 2016 11:25

Instrument :

BNA_G

ClientSampleId :

FB-070616

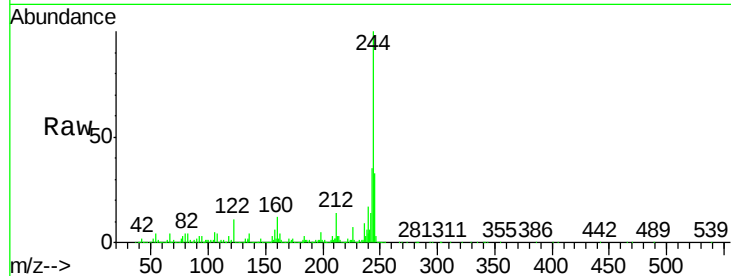
Tot Ion:244 Resp: 2903392

Ion Ratio Lower Upper

244 100

212 13.7 10.8 16.2

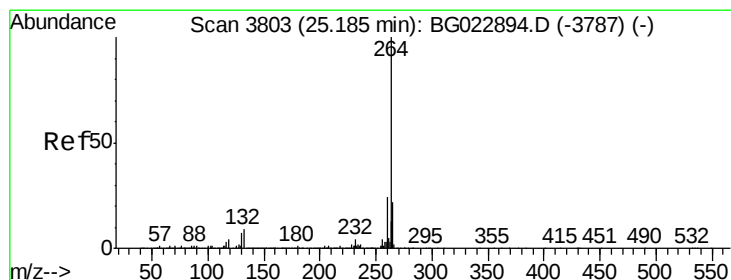
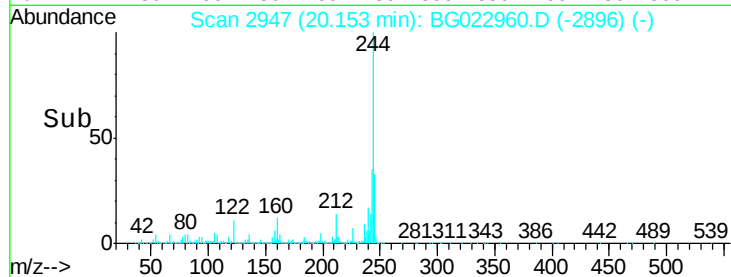
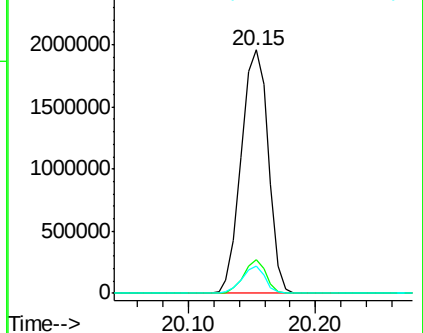
122 11.2 8.0 12.0



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: 25.21 min Scan# 3807

Delta R.T. 0.02 min

Lab File: BG022960.D

Acq: 9 Jul 2016 11:25

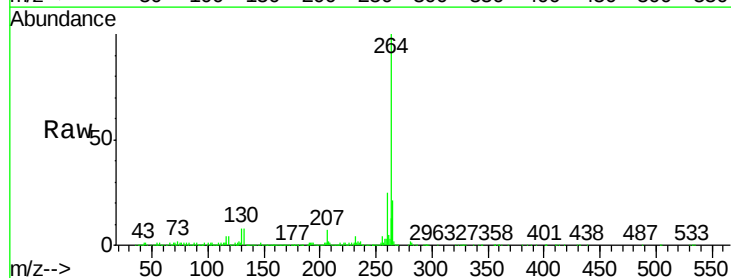
Tgt Ion:264 Resp: 880291

Ion Ratio Lower Upper

264 100

260 25.0 18.4 27.6

265 20.9 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

