

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071816\
 Data File : BG023161.D
 Acq On : 18 Jul 2016 15:16
 Operator : UM/SJ
 Sample : H4044-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)C

Quant Time: Jul 19 01:27:41 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 01:16:03 2016
 Response via : Initial Calibration

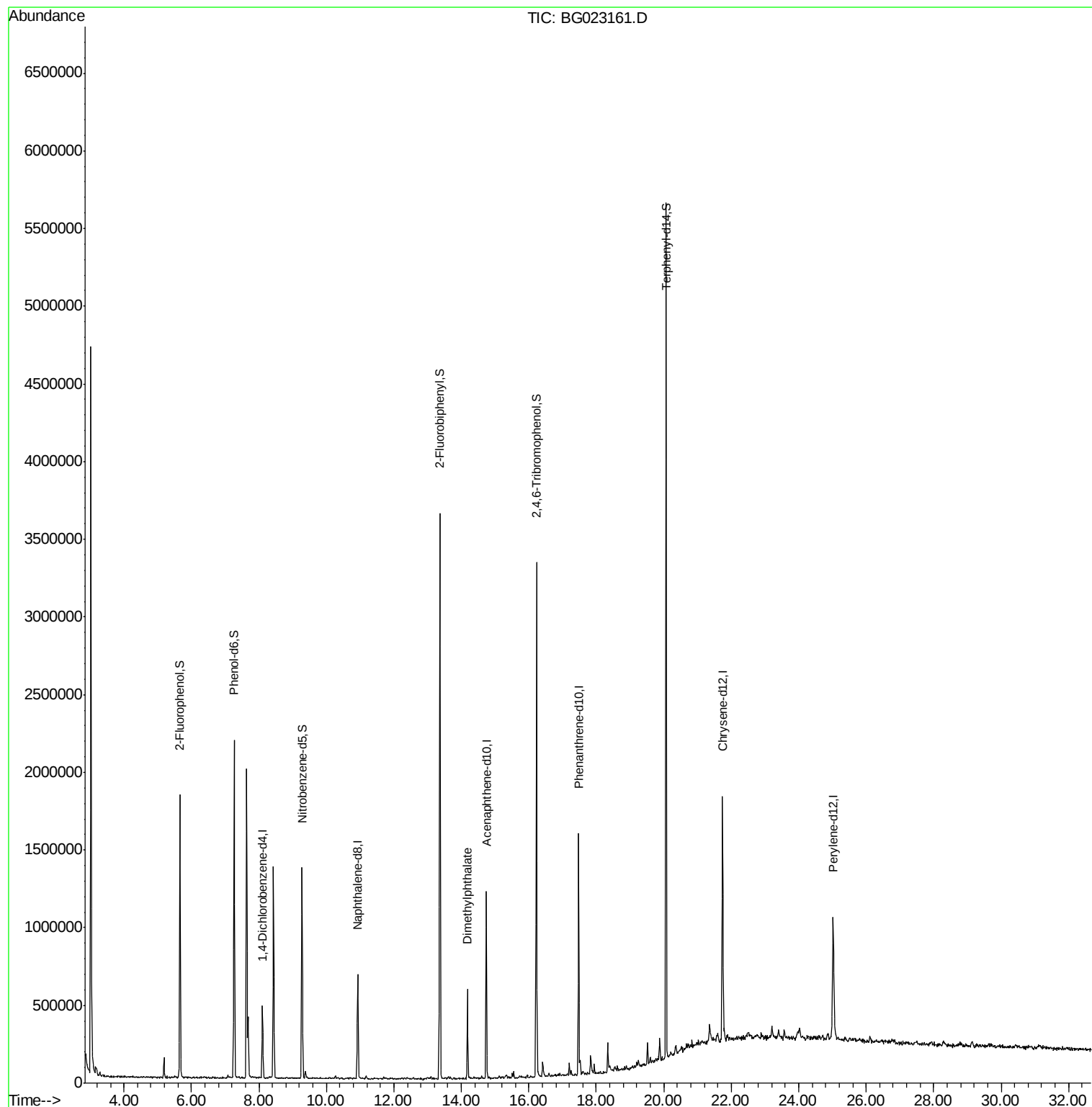
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	114746	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	554223	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	414124	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	900270	20.00	ng	0.00
75) Chrysene-d12	21.74	240	945360	20.00	ng	0.00
86) Perylene-d12	25.02	264	932578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	733019	104.48	ng	-0.02
7) Phenol-d6	7.26	99	1191773	108.46	ng	-0.02
23) Nitrobenzene-d5	9.27	82	895358	69.18	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	602988	81.02	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	1708858	65.00	ng	0.00
78) Terphenyl-d14	20.07	244	2151435	66.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.18	163	344267	10.18	ng	Qvalue 99

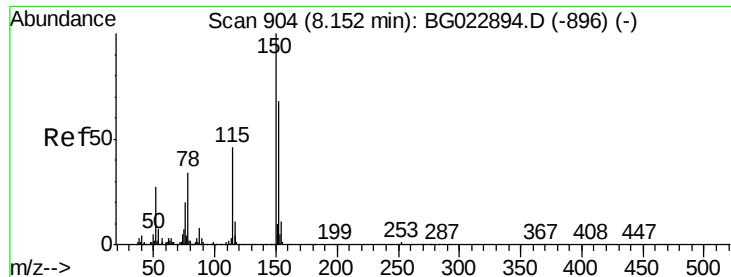
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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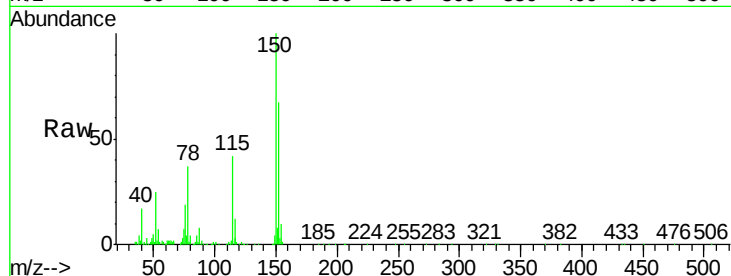


#1

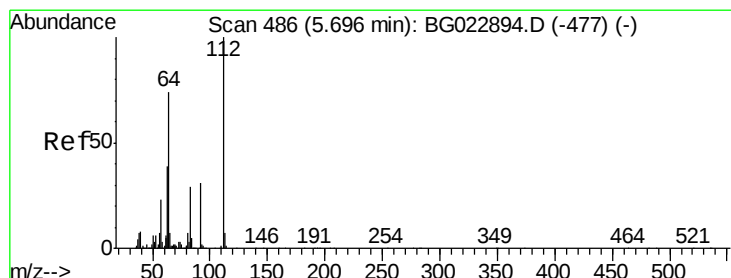
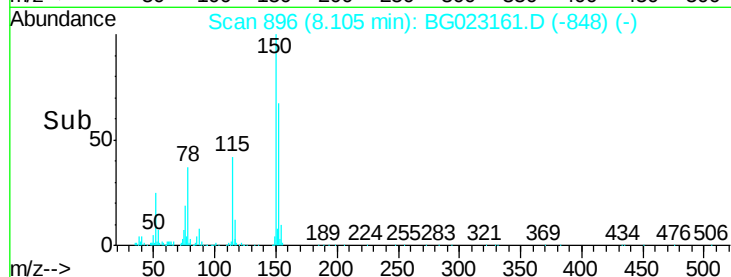
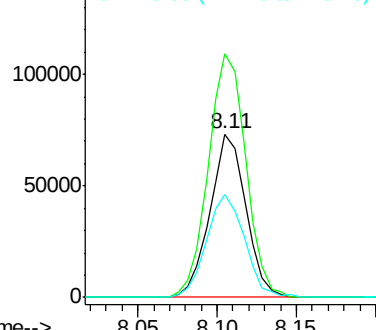
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 896
Delta R.T. -0.02 min
Lab File: BG023161.D
Acq: 18 Jul 2016 15:16

Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)C

Tgt Ion:152 Resp: 114746
Ion Ratio Lower Upper
152 100
150 148.9 144.7 217.1
115 62.9 64.0 96.0#



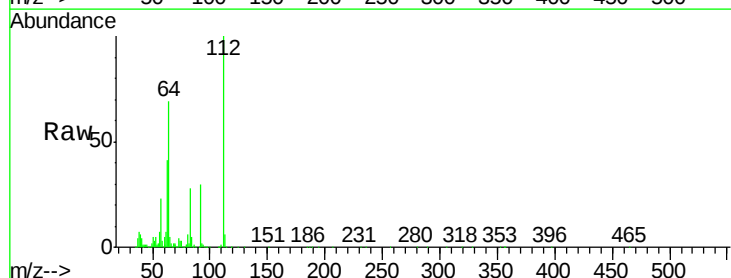
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



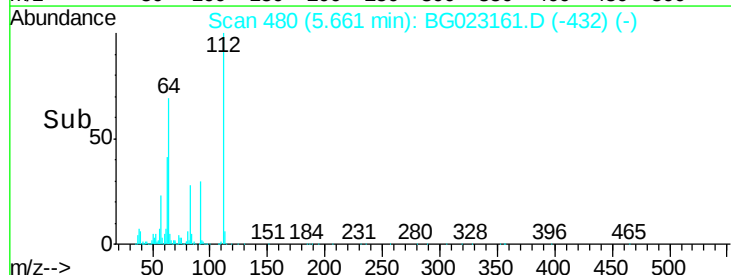
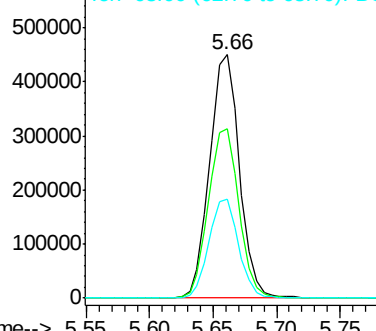
#5

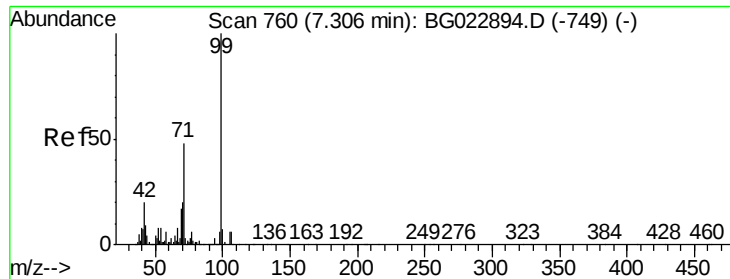
2-Fluorophenol
Concen: 104.48 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.02 min
Lab File: BG023161.D
Acq: 18 Jul 2016 15:16

Tgt Ion:112 Resp: 733019
Ion Ratio Lower Upper
112 100
64 69.4 59.0 88.4
63 40.9 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 108.46 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.02 min

Lab File: BG023161.D

Acq: 18 Jul 2016 15:16

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)C

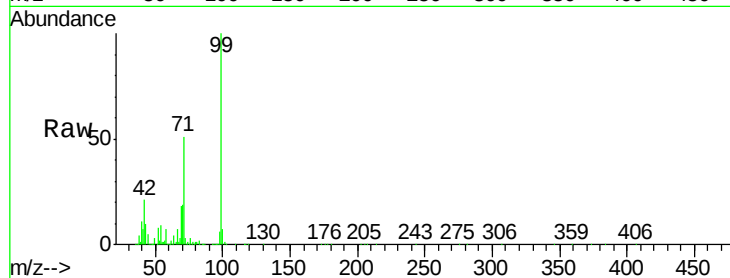
Tgt Ion: 99 Resp: 1191773

Ion Ratio Lower Upper

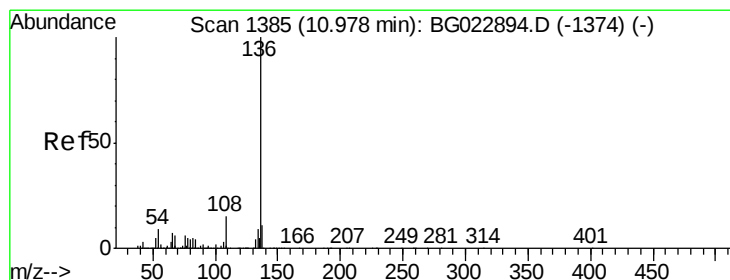
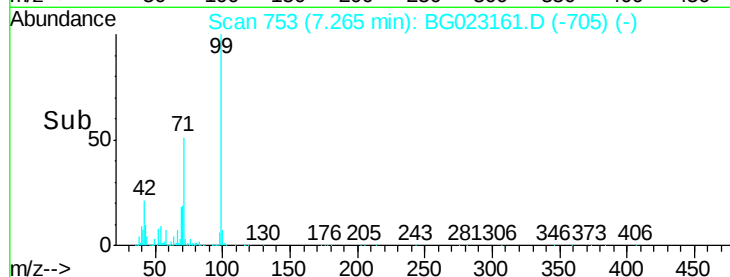
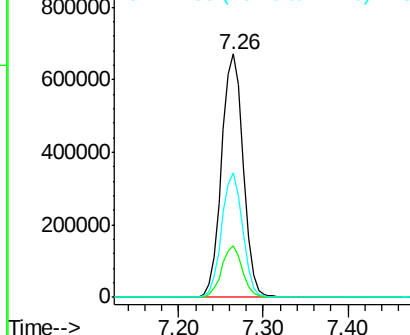
99 100

42 21.2 17.8 26.6

71 51.4 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: 10.93 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BG023161.D

Acq: 18 Jul 2016 15:16

Tgt Ion: 136 Resp: 554223

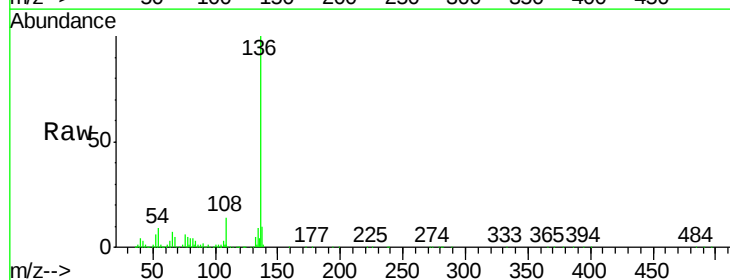
Ion Ratio Lower Upper

136 100

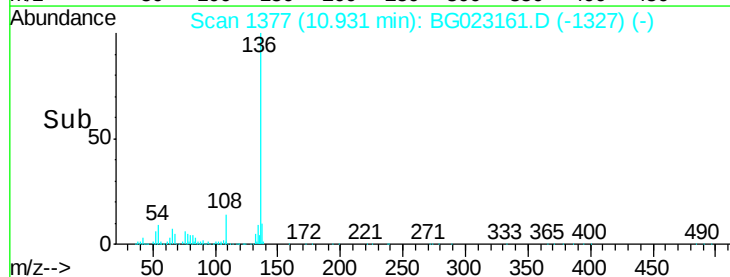
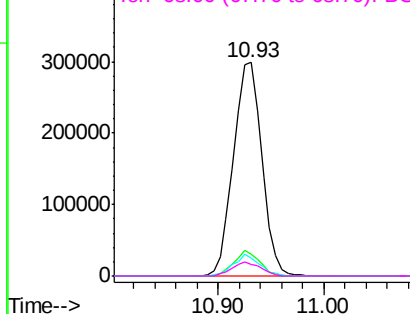
137 10.1 9.6 14.4

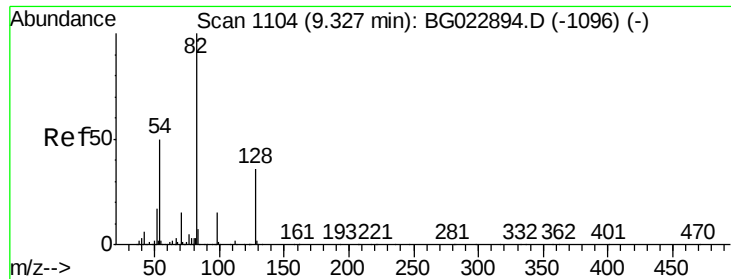
54 8.7 7.3 10.9

68 5.1 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

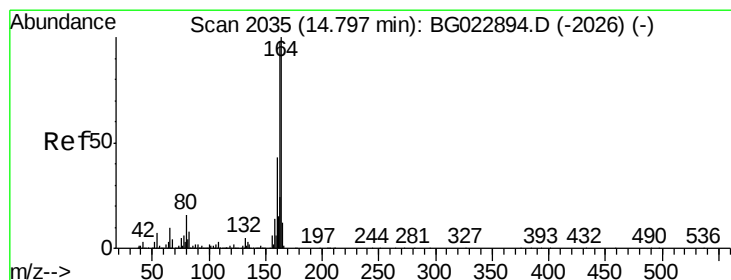
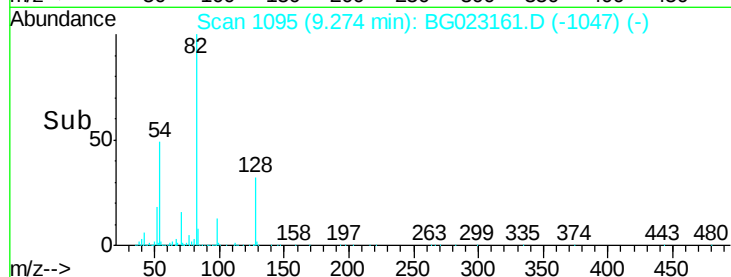
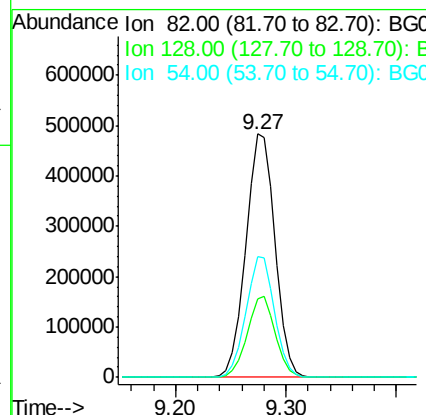
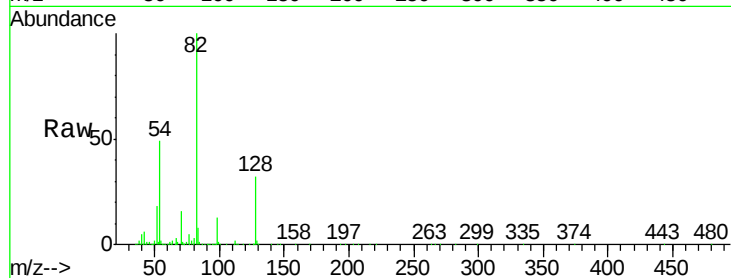




#23
 Nitrobenzene-d5
 Concen: 69.18 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BG023161.D
 Acq: 18 Jul 2016 15:16

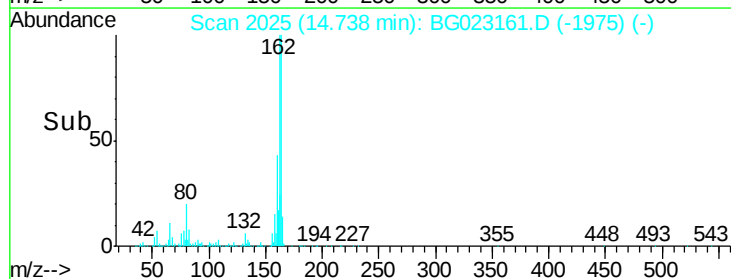
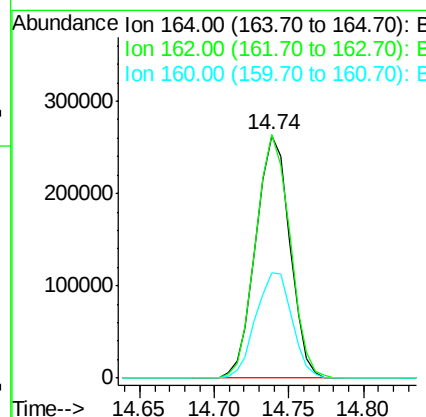
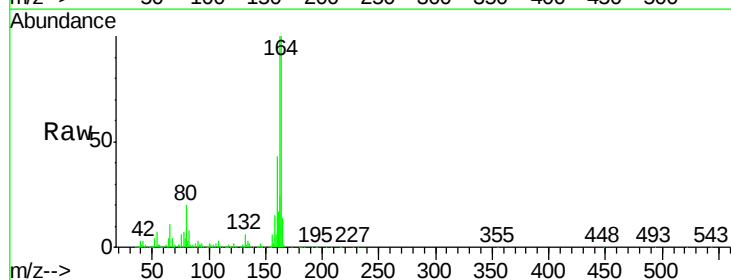
Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)C

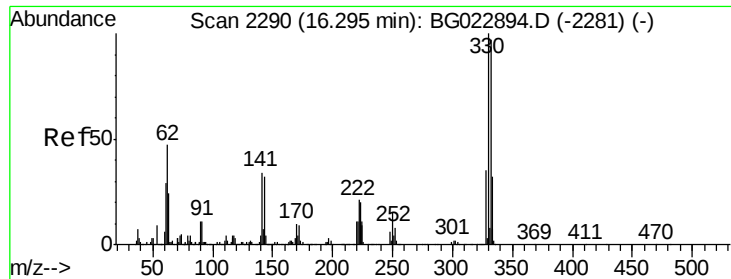
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.2	24.4	36.6
54	49.3	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BG023161.D
 Acq: 18 Jul 2016 15:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	87.7	131.5
160	43.3	37.2	55.8

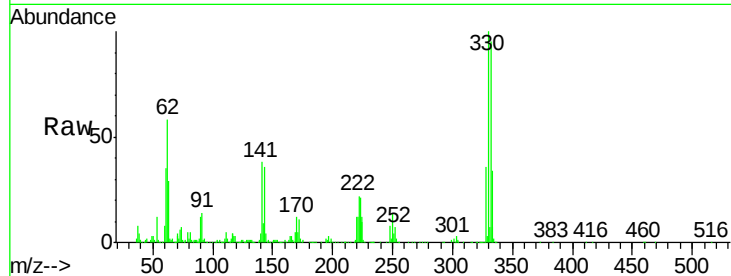




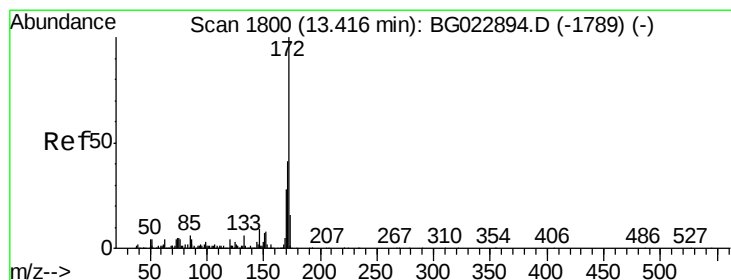
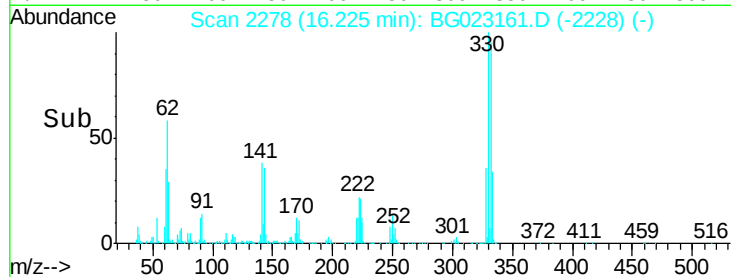
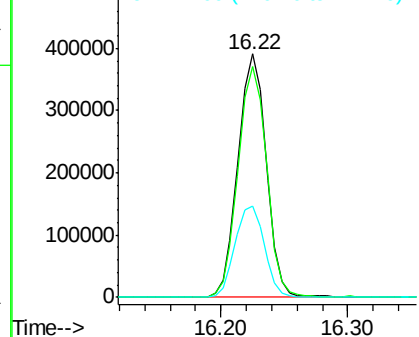
#41
 2,4,6-Tribromophenol
 Concen: 81.02 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BG023161.D
 Acq: 18 Jul 2016 15:16

Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)C

Tgt Ion:330 Resp: 602988
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 39.5 31.7 47.5

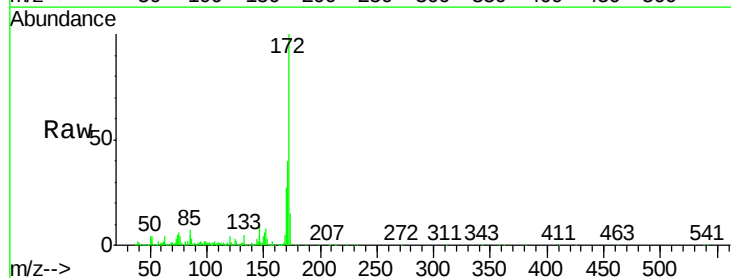


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

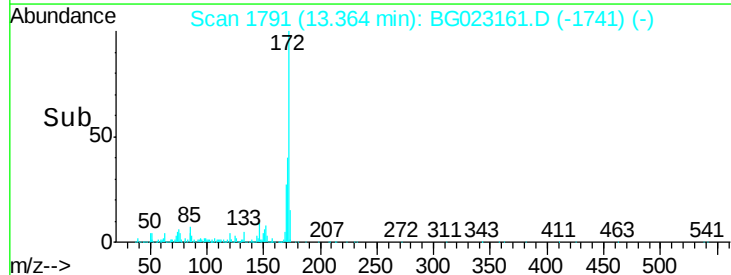
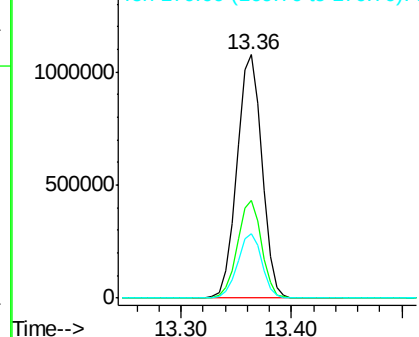


#44
 2-Fluorobiphenyl
 Concen: 65.00 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BG023161.D
 Acq: 18 Jul 2016 15:16

Tgt Ion:172 Resp: 1708858
 Ion Ratio Lower Upper
 172 100
 171 40.2 31.6 47.4
 170 26.6 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: 10.18 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG023161.D

Acq: 18 Jul 2016 15:16

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)C

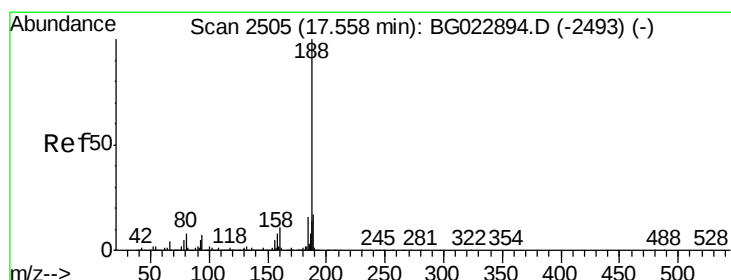
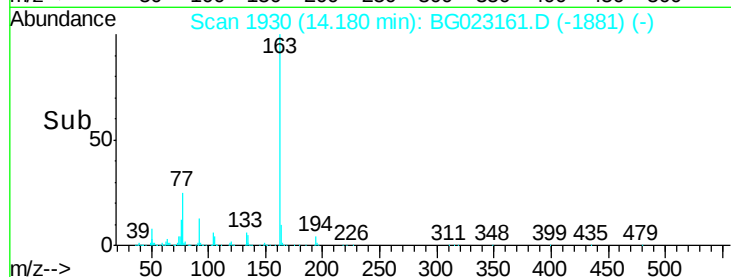
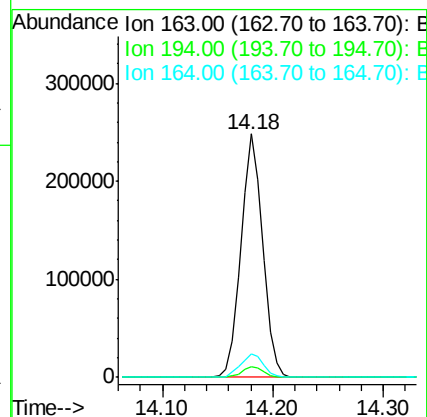
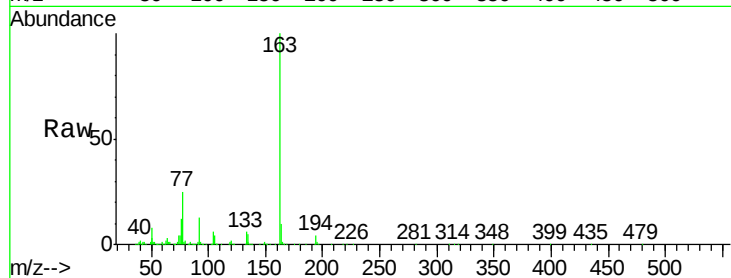
Tgt Ion:163 Resp: 344267

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

164 9.9 8.1 12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2491

Delta R.T. -0.00 min

Lab File: BG023161.D

Acq: 18 Jul 2016 15:16

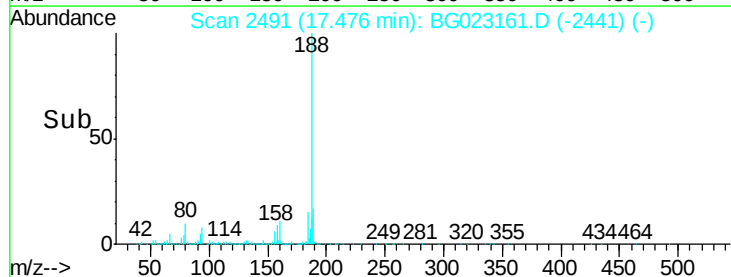
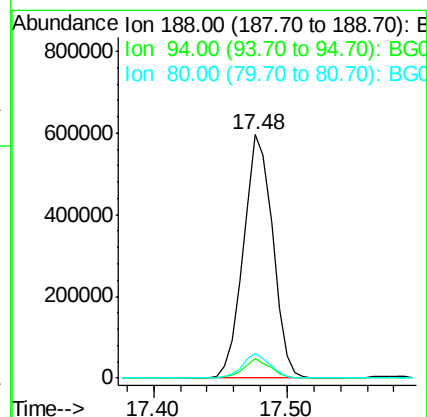
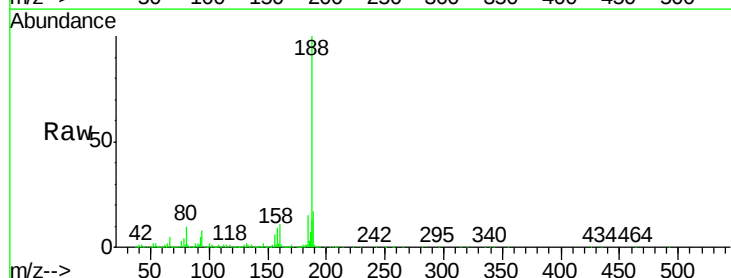
Tgt Ion:188 Resp: 900270

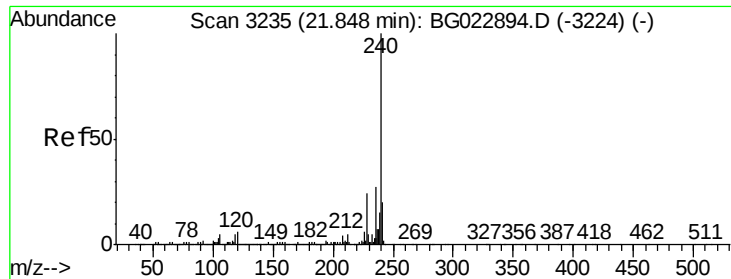
Ion Ratio Lower Upper

188 100

94 7.9 5.2 7.8#

80 10.1 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.74 min Scan# 3217

Delta R.T. -0.00 min

Lab File: BG023161.D

Acq: 18 Jul 2016 15:16

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)C

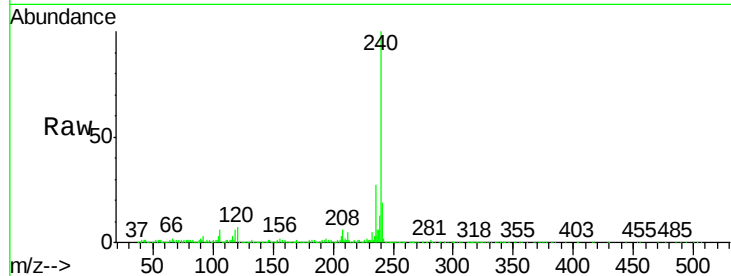
Tgt Ion:240 Resp: 945360

Ion Ratio Lower Upper

240 100

120 6.8 4.1 6.1#

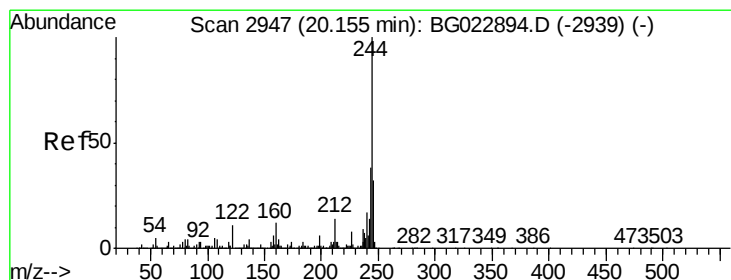
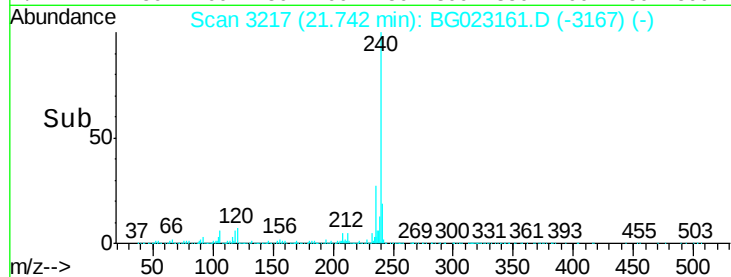
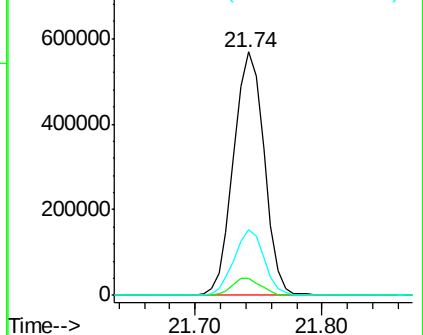
236 26.8 21.1 31.7



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: 66.31 ng

RT: 20.07 min Scan# 2932

Delta R.T. -0.00 min

Lab File: BG023161.D

Acq: 18 Jul 2016 15:16

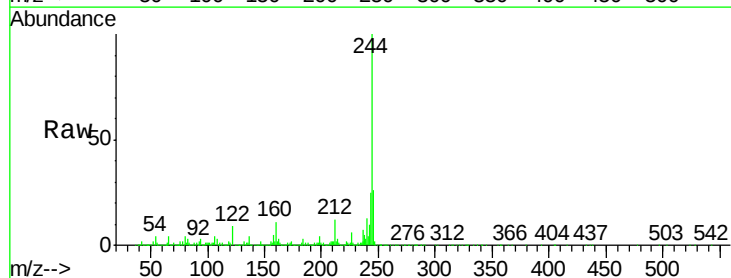
Tgt Ion:244 Resp: 2151435

Ion Ratio Lower Upper

244 100

212 12.0 10.8 16.2

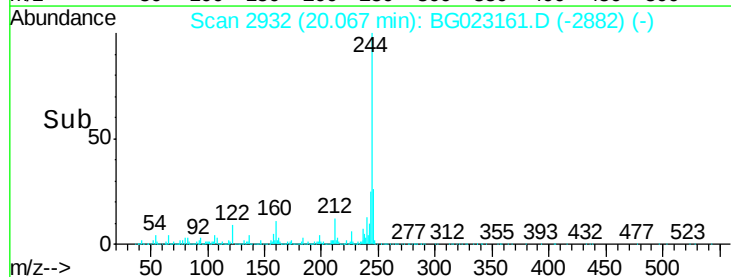
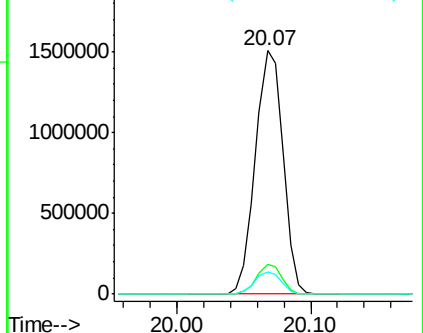
122 9.2 8.0 12.0

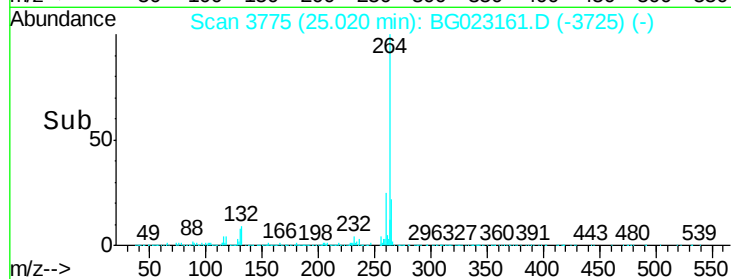
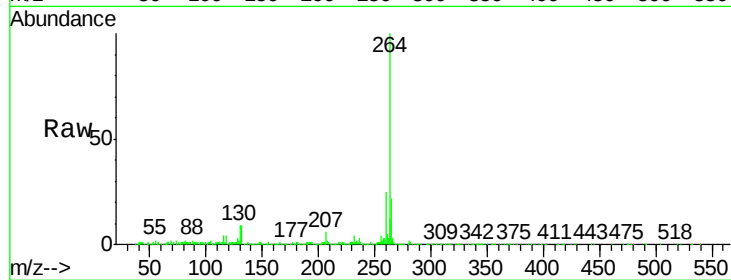
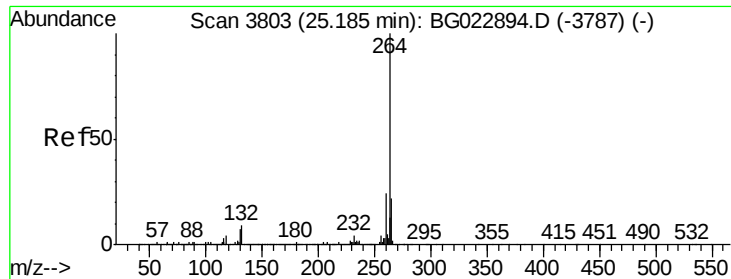


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.02 min Scan# 3775

Delta R.T. -0.00 min

Lab File: BG023161.D

Acq: 18 Jul 2016 15:16

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)C

Tgt Ion: 264 Resp: 932578

Ion Ratio Lower Upper

264 100

260 24.9 18.4 27.6

265 22.2 18.9 28.3

