

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071816\
 Data File : BG023162.D
 Acq On : 18 Jul 2016 17:14
 Operator : UM/SJ
 Sample : H4044-29
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H10-B1(6-12)C

Quant Time: Jul 19 01:29:51 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

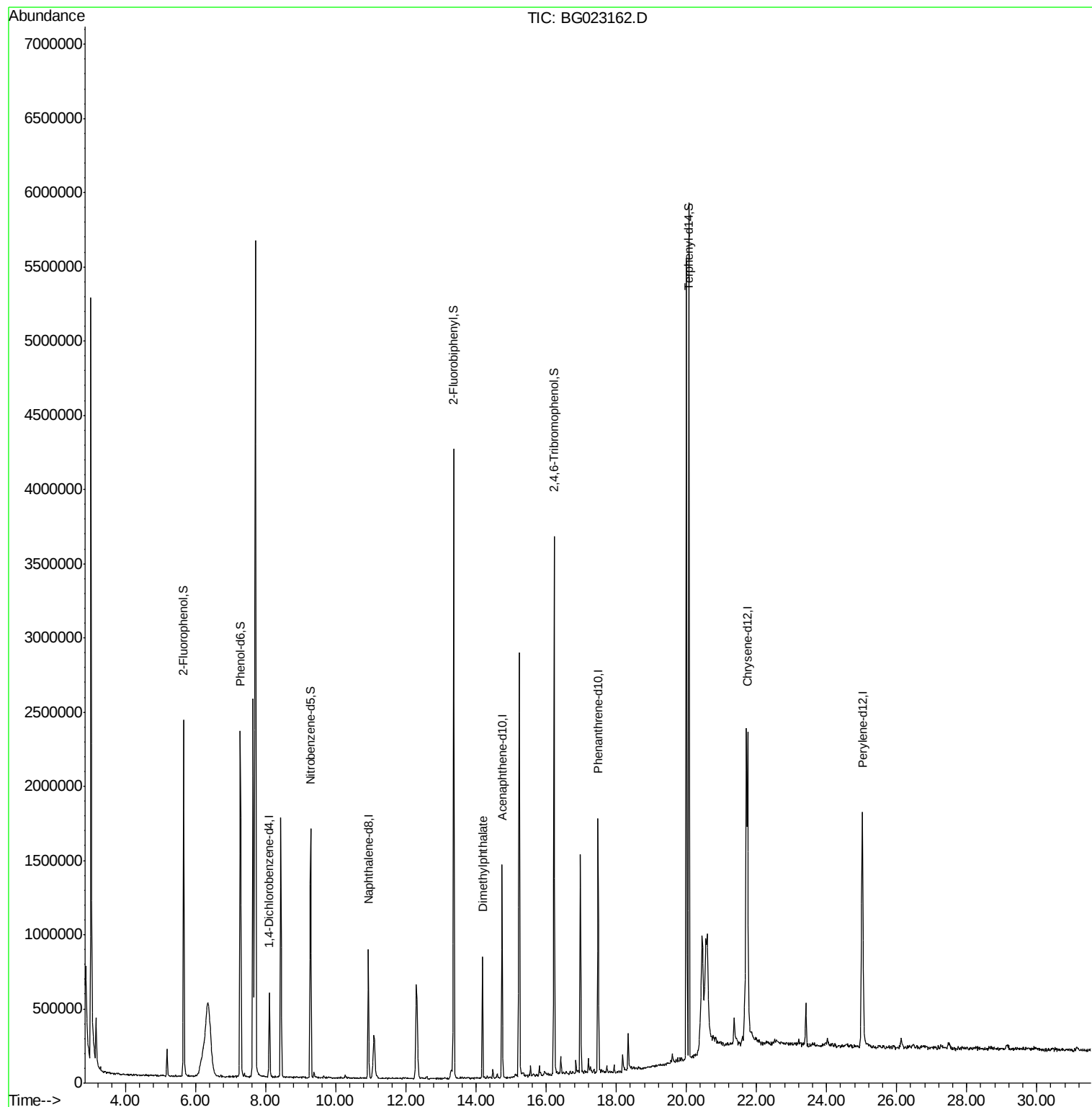
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	142542	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	685649	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	483062	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	1021772	20.00	ng	0.00
75) Chrysene-d12	21.75	240	953789	20.00	ng	0.00
86) Perylene-d12	25.02	264	1917715	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	988379	113.41	ng	-0.02
7) Phenol-d6	7.27	99	1599931	117.21	ng	0.00
23) Nitrobenzene-d5	9.28	82	1123268	70.15	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	646378	74.45	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	2005015	65.38	ng	0.00
78) Terphenyl-d14	20.07	244	2241010	69.47	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.18	163	492152	12.47	ng	Qvalue 98

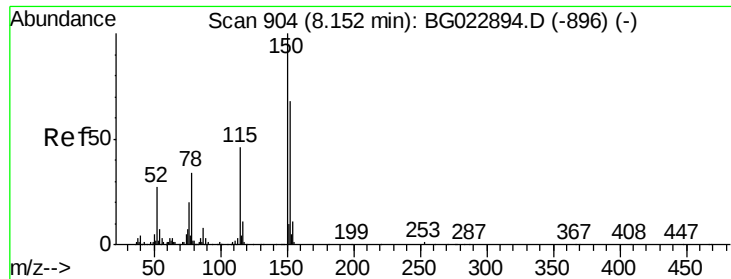
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG023162.D

Acq: 18 Jul 2016 17:14

Instrument :

BNA_G

ClientSampleId :

H10-B1(6-12)C

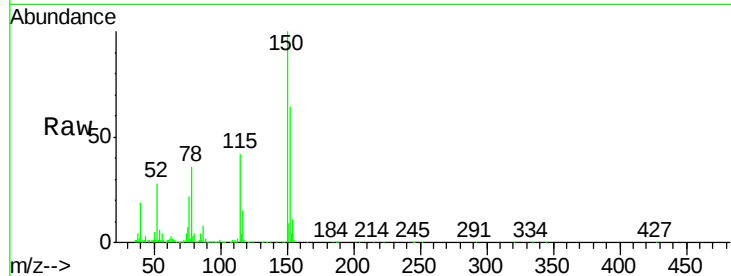
Tgt Ion:152 Resp: 142542

Ion Ratio Lower Upper

152 100

150 155.8 144.7 217.1

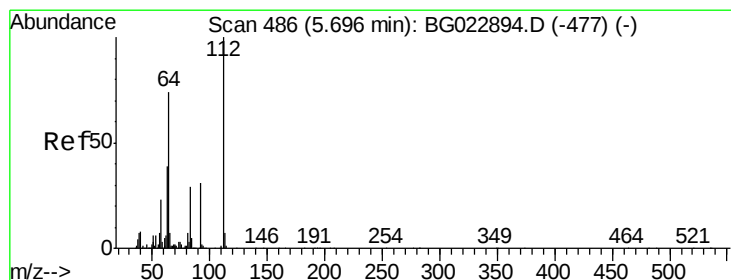
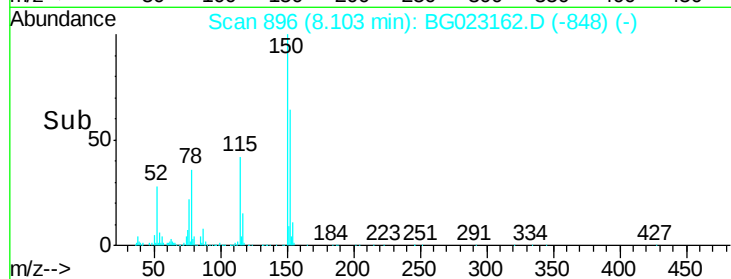
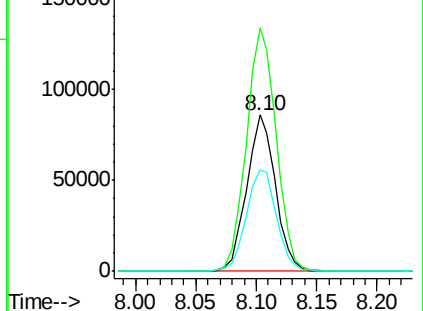
115 65.0 64.0 96.0



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: 113.41 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.02 min

Lab File: BG023162.D

Acq: 18 Jul 2016 17:14

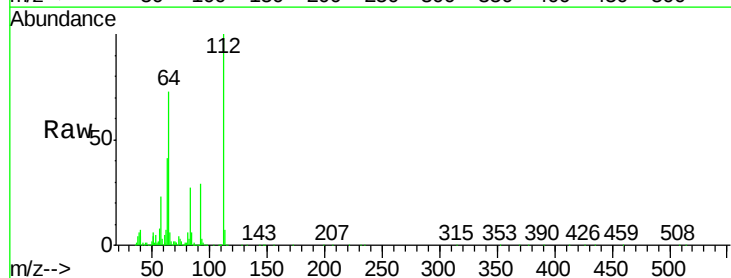
Tgt Ion:112 Resp: 988379

Ion Ratio Lower Upper

112 100

64 73.3 59.0 88.4

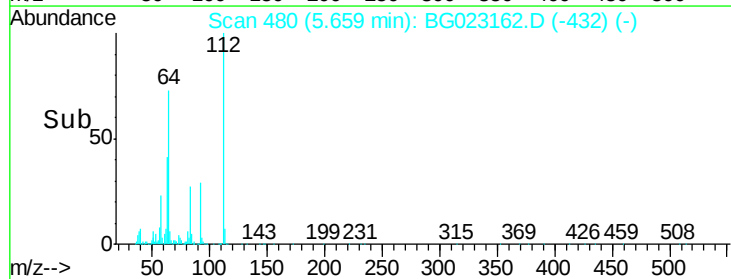
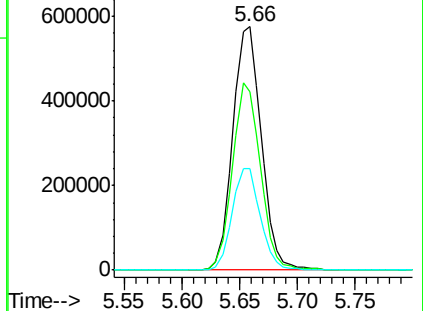
63 41.5 37.8 56.8

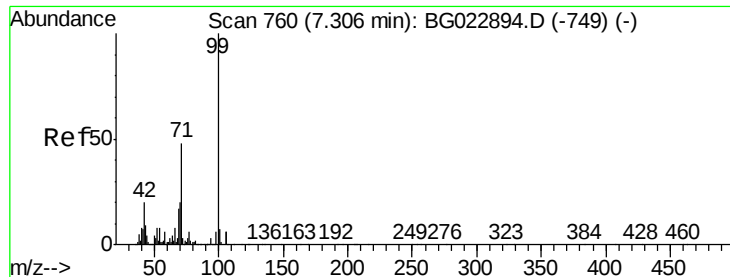


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 117.21 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG023162.D

Acq: 18 Jul 2016 17:14

Instrument :

BNA_G

ClientSampleId :

H10-B1(6-12)C

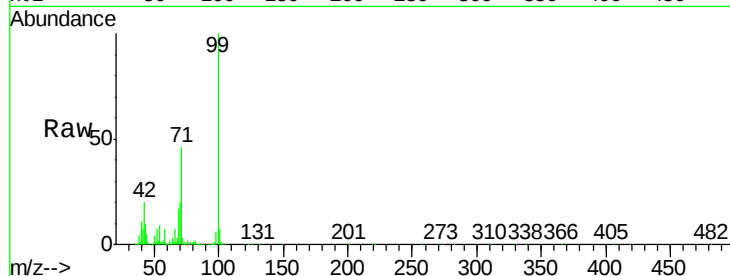
Tgt Ion: 99 Resp: 1599931

Ion Ratio Lower Upper

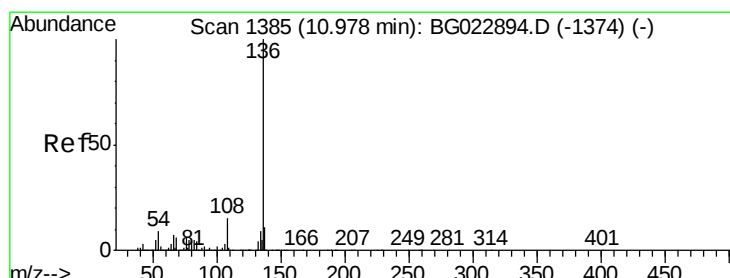
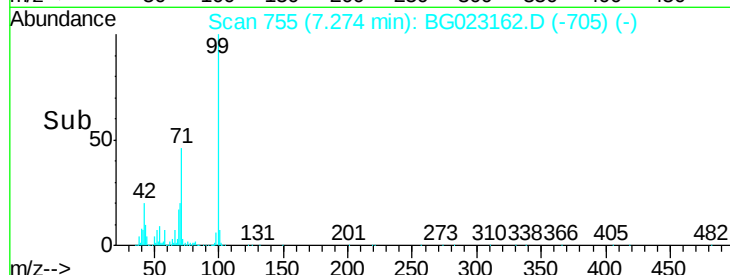
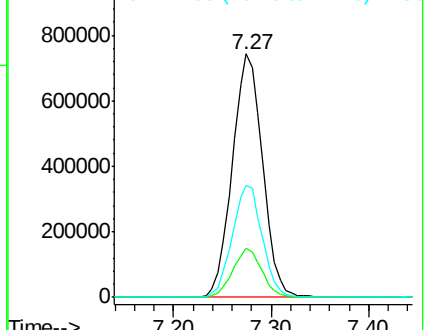
99 100

42 20.2 17.8 26.6

71 45.7 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: 10.93 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BG023162.D

Acq: 18 Jul 2016 17:14

Tgt Ion: 136 Resp: 685649

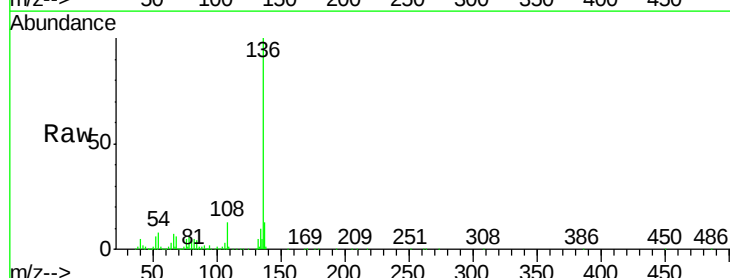
Ion Ratio Lower Upper

136 100

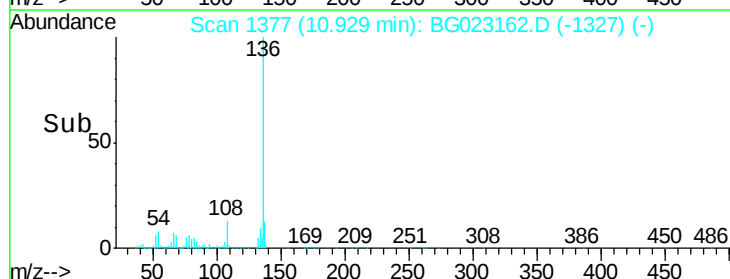
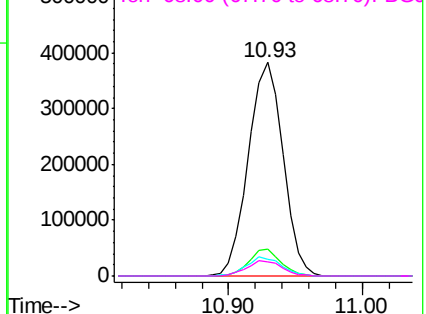
137 12.6 9.6 14.4

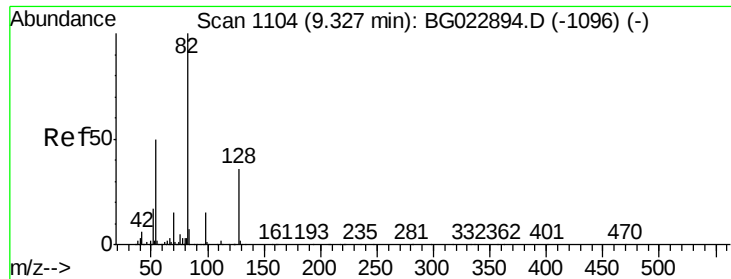
54 8.1 7.3 10.9

68 6.5 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

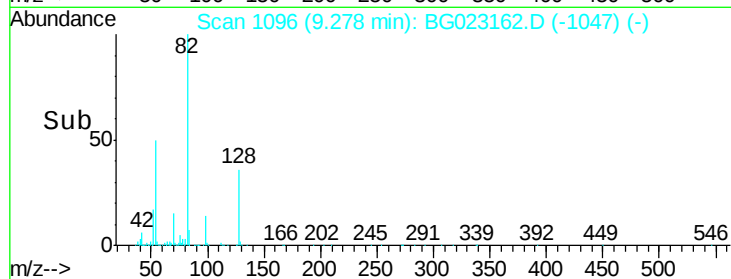
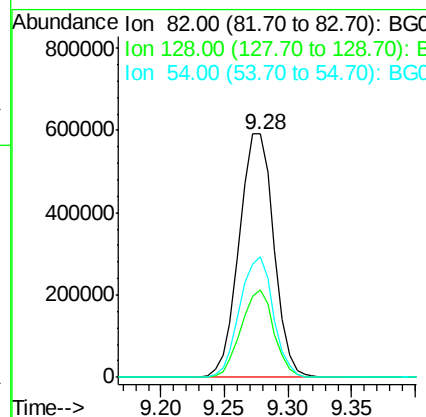
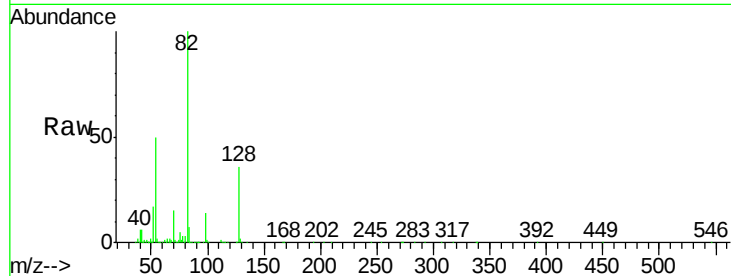




#23
 Nitrobenzene-d5
 Concen: 70.15 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BG023162.D
 Acq: 18 Jul 2016 17:14

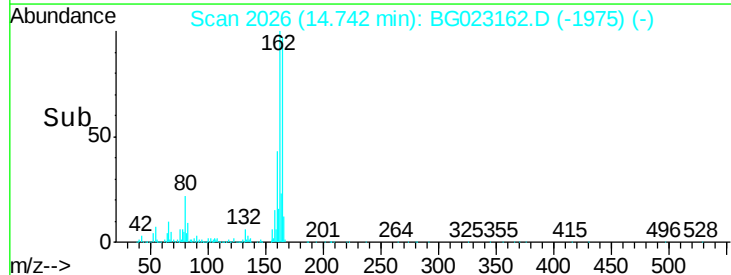
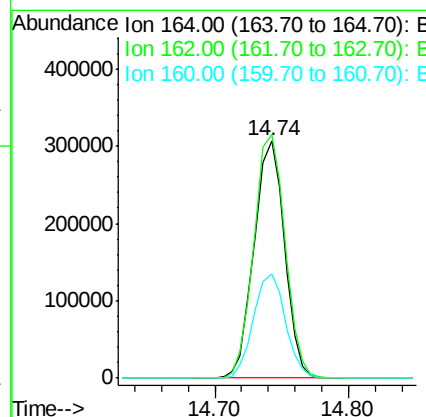
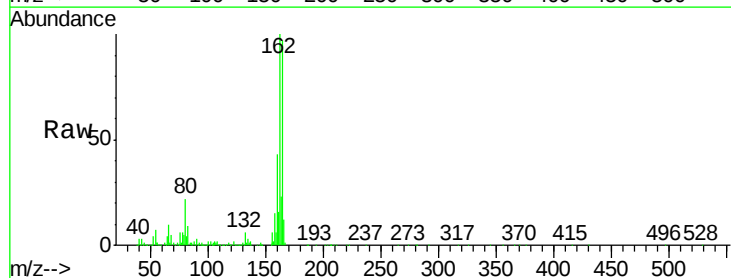
Instrument :
 BNA_G
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 H10-B1(6-12)C

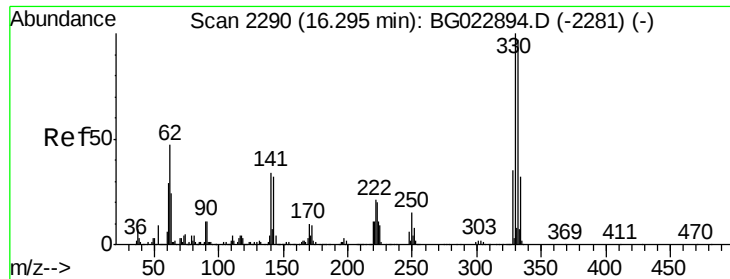
Tgt Ion: 82 Resp: 1123268
 Ion Ratio Lower Upper
 82 100
 128 36.1 24.4 36.6
 54 49.7 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BG023162.D
 Acq: 18 Jul 2016 17:14

Tgt Ion: 164 Resp: 483062
 Ion Ratio Lower Upper
 164 100
 162 102.6 87.7 131.5
 160 43.6 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 74.45 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BG023162.D

Acq: 18 Jul 2016 17:14

Instrument :

BNA_G

ClientSampleId :

H10-B1(6-12)C

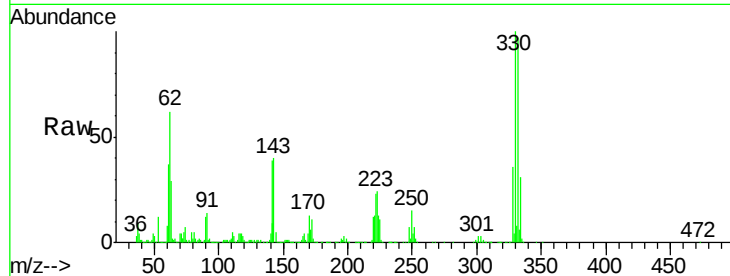
Tgt Ion:330 Resp: 646378

Ion Ratio Lower Upper

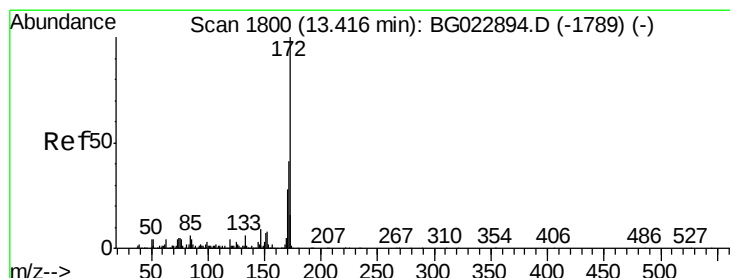
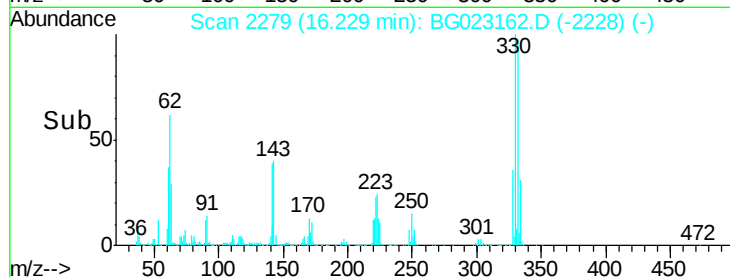
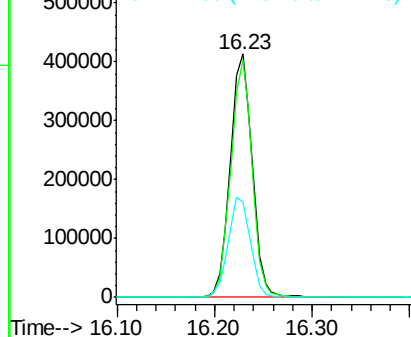
330 100

332 94.4 77.4 116.2

141 41.7 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: 65.38 ng

RT: 13.36 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BG023162.D

Acq: 18 Jul 2016 17:14

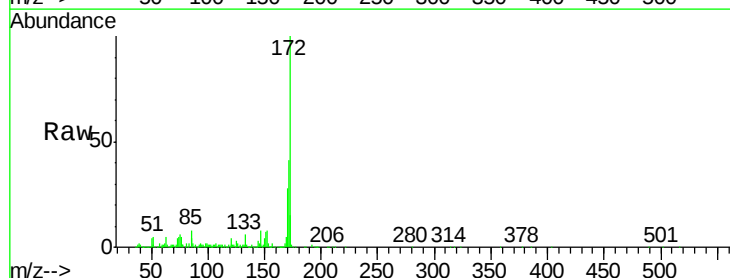
Tgt Ion:172 Resp: 2005015

Ion Ratio Lower Upper

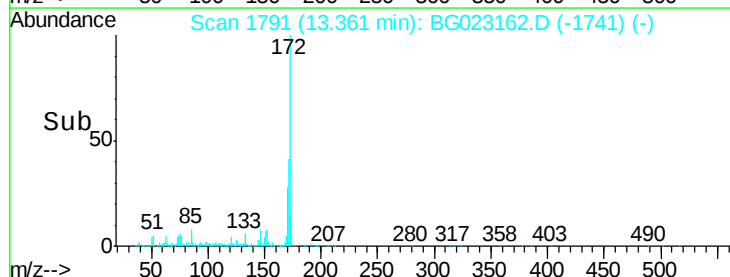
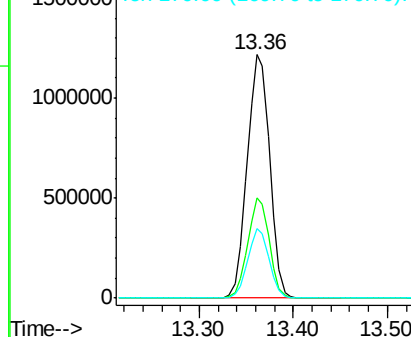
172 100

171 41.2 31.6 47.4

170 28.4 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: 12.47 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG023162.D

Acq: 18 Jul 2016 17:14

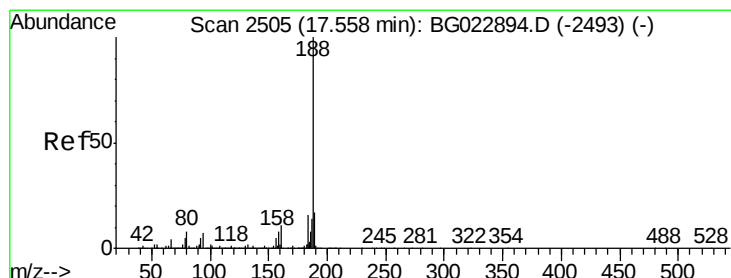
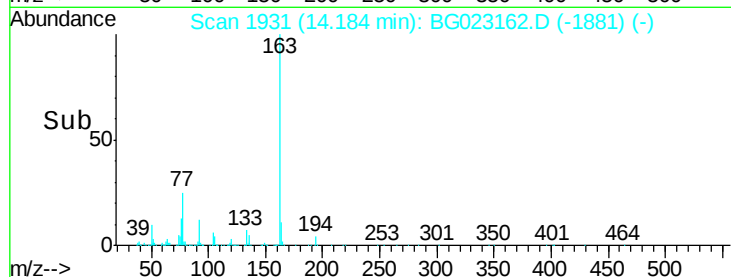
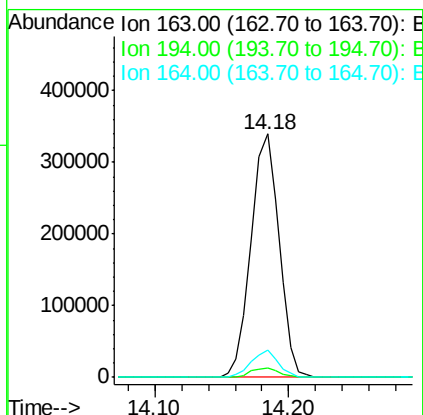
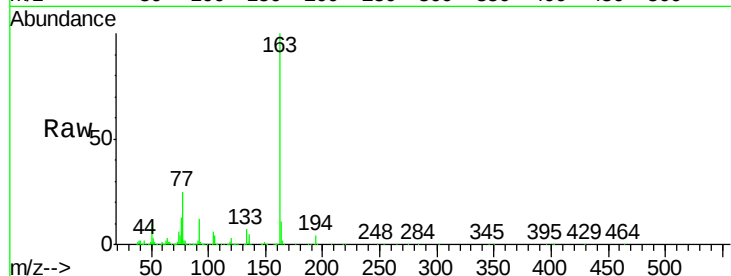
Instrument :

BNA_G

ClientSampleId :

H10-B1(6-12)C

Tgt Ion:	163	Resp:	492152
Ion Ratio		Lower	Upper
163	100		
194	4.0	3.6	5.4
164	11.0	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

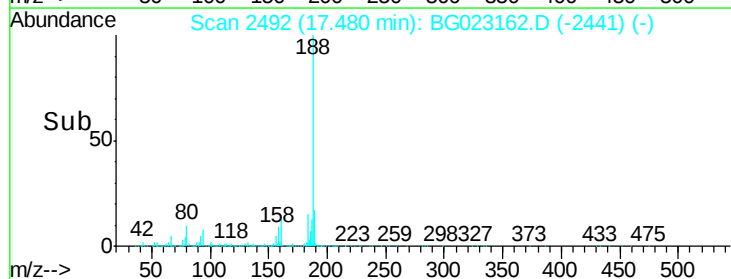
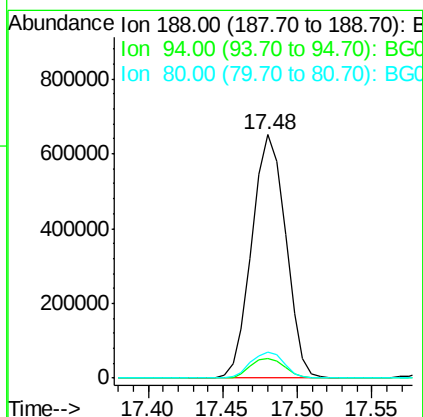
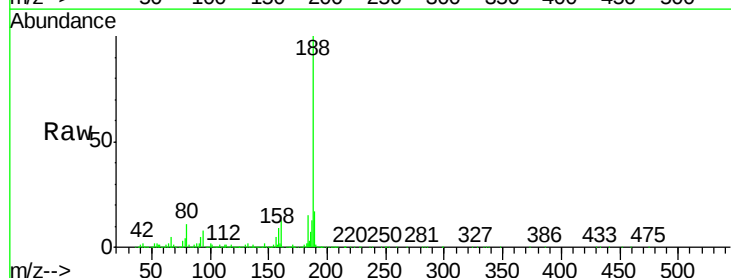
RT: 17.48 min Scan# 2492

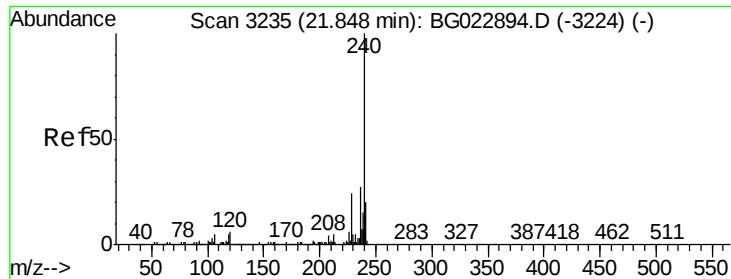
Delta R.T. -0.00 min

Lab File: BG023162.D

Acq: 18 Jul 2016 17:14

Tgt Ion:	188	Resp:	1021772
Ion Ratio		Lower	Upper
188	100		
94	8.0	5.2	7.8#
80	10.5	7.2	10.8

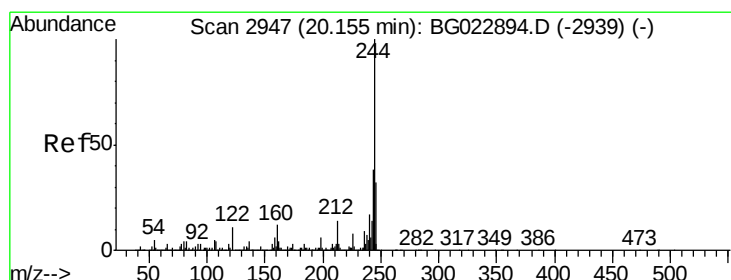
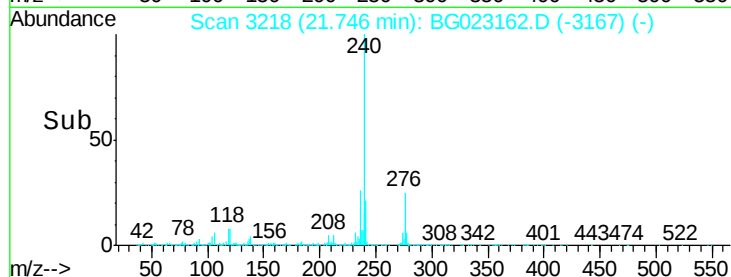
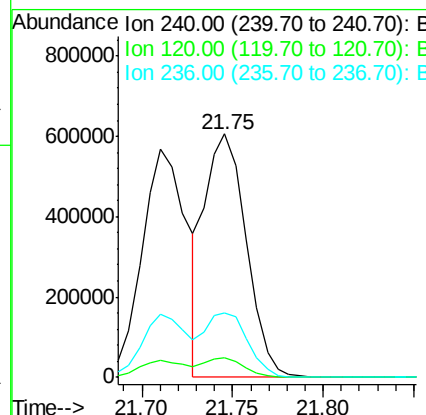
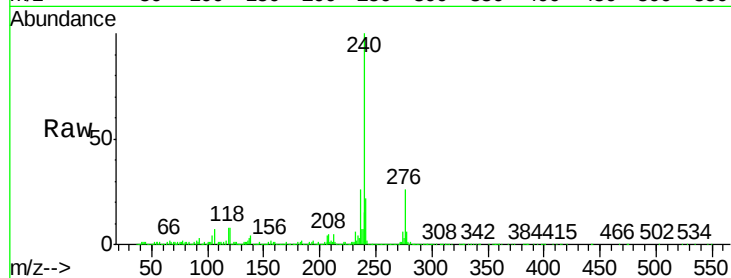




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BG023162.D
Acq: 18 Jul 2016 17:14

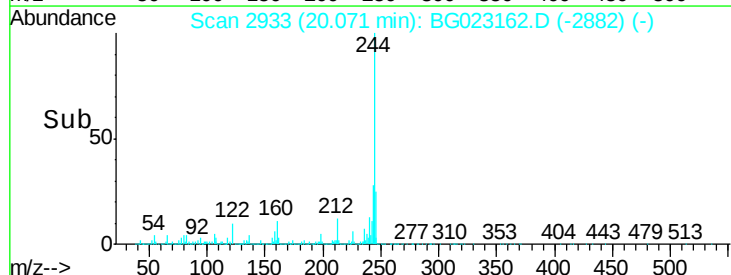
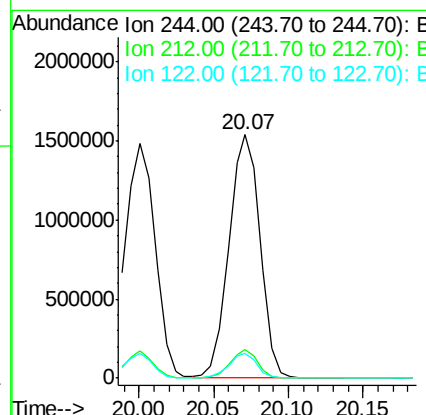
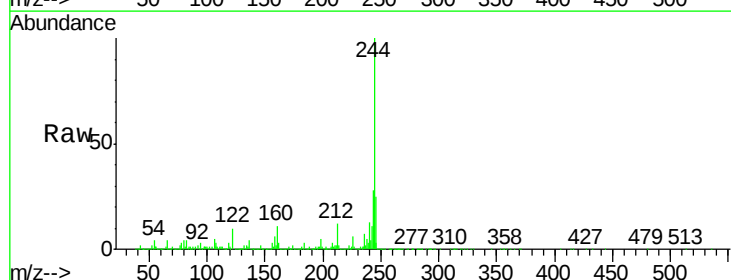
Instrument :
BNA_G
ClientSampleId :
H10-B1(6-12)C

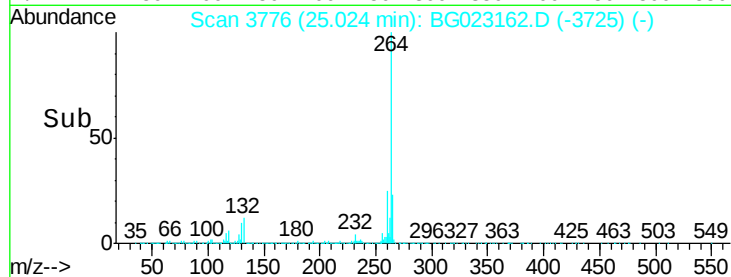
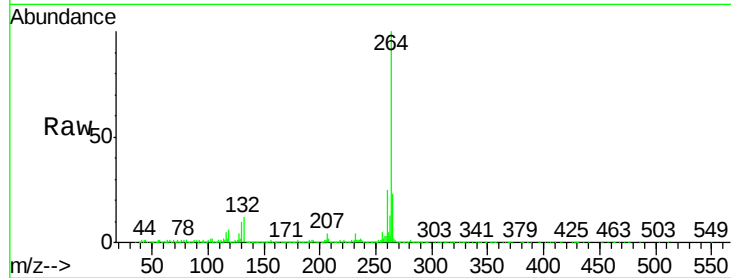
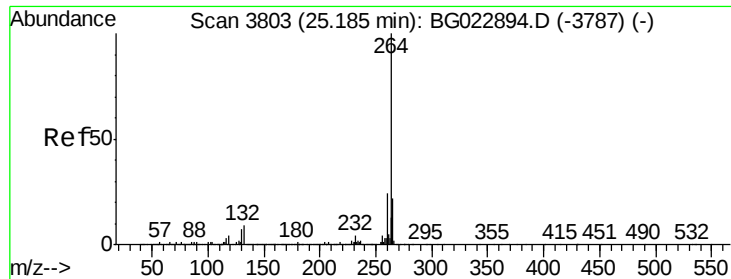
Tgt Ion:240 Resp: 953789
Ion Ratio Lower Upper
240 100
120 7.9 4.1 6.1#
236 26.3 21.1 31.7



#78
Terphenyl-d14
Concen: 69.47 ng
RT: 20.07 min Scan# 2933
Delta R.T. -0.00 min
Lab File: BG023162.D
Acq: 18 Jul 2016 17:14

Tgt Ion:244 Resp: 2241010
Ion Ratio Lower Upper
244 100
212 11.9 10.8 16.2
122 10.0 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.02 min Scan# 3776

Delta R.T. -0.00 min

Lab File: BG023162.D

Acq: 18 Jul 2016 17:14

Instrument :

BNA_G

ClientSampleId :

H10-B1(6-12)C

Tgt Ion:264 Resp: 1917715

Ion Ratio Lower Upper

264 100

260 25.4 18.4 27.6

265 22.9 18.9 28.3

