

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071116\
 Data File : BG023024.D
 Acq On : 12 Jul 2016 6:37
 Operator : UM/SJ
 Sample : H3963-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICF-WSG-02

Quant Time: Jul 13 02:04:22 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

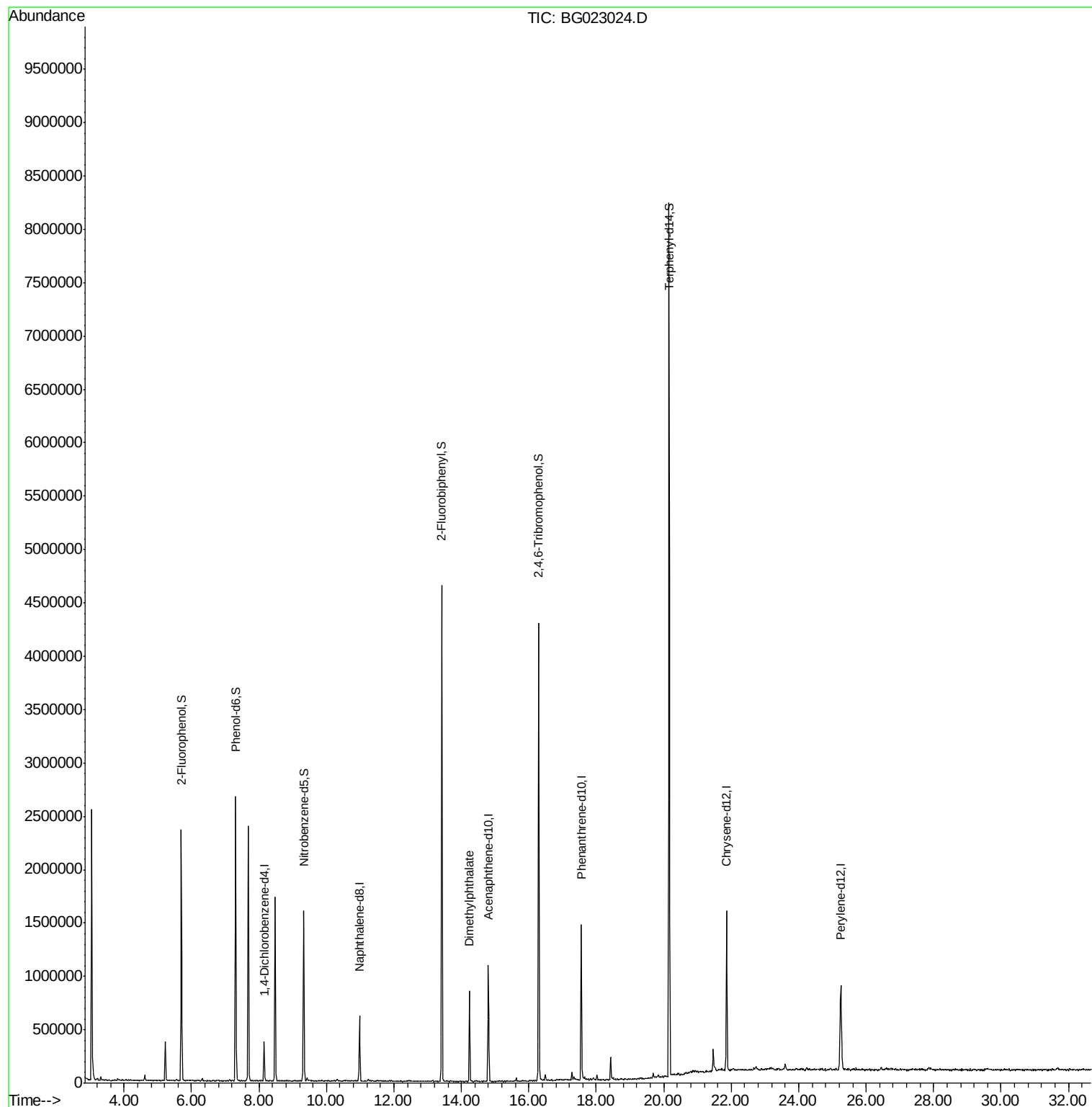
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	99555	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	463664	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	368247	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	861682	20.00	ng	0.00
75) Chrysene-d12	21.86	240	936748	20.00	ng	0.01
86) Perylene-d12	25.25	264	948017	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	913849	150.13	ng	0.00
7) Phenol-d6	7.31	99	1470824	154.27	ng	0.00
23) Nitrobenzene-d5	9.32	82	1065088	98.36	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	790232	119.40	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2203176	94.24	ng	0.00
78) Terphenyl-d14	20.16	244	2971004	115.39	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	540603	17.97	ng	Qvalue 99

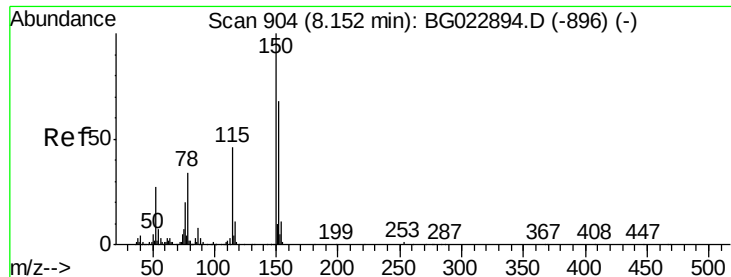
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023024.D

Acq: 12 Jul 2016 6:37

Instrument :

BNA_G

ClientSampleId :

ICF-WSG-02

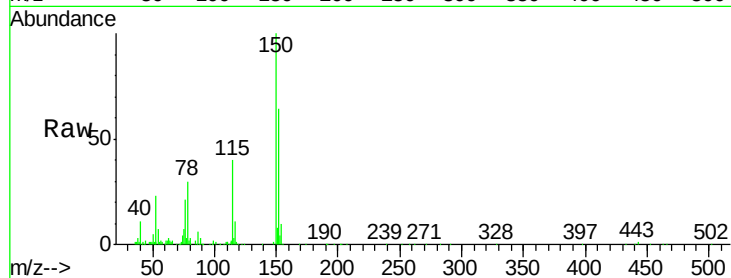
Tgt Ion:152 Resp: 99555

Ion Ratio Lower Upper

152 100

150 155.2 144.7 217.1

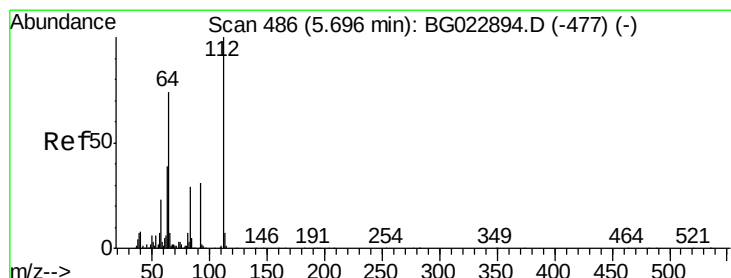
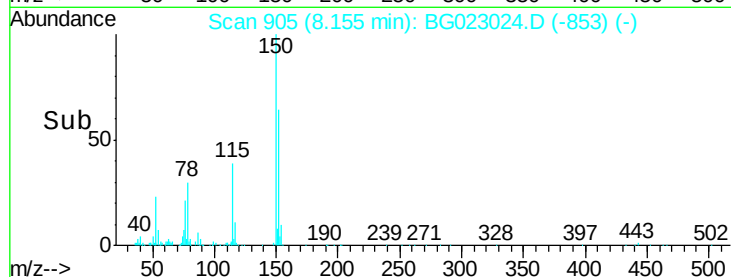
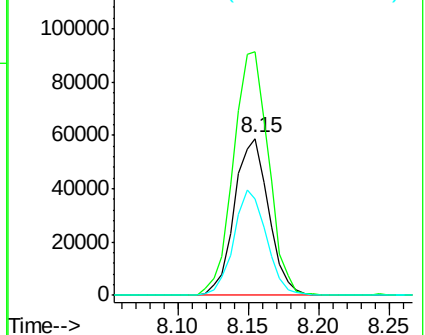
115 61.6 64.0 96.0#



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: 150.13 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023024.D

Acq: 12 Jul 2016 6:37

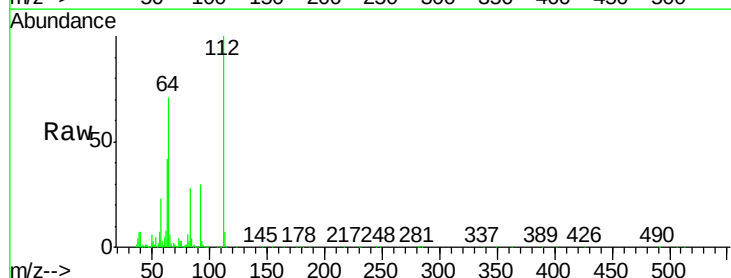
Tgt Ion:112 Resp: 913849

Ion Ratio Lower Upper

112 100

64 70.7 59.0 88.4

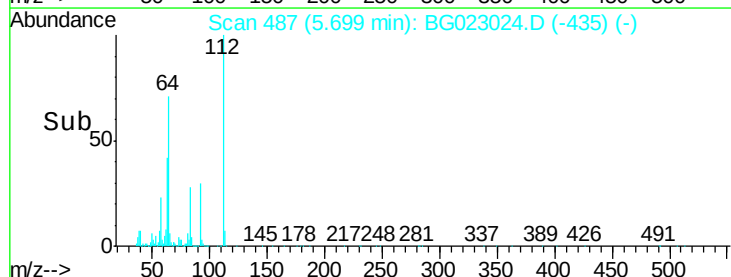
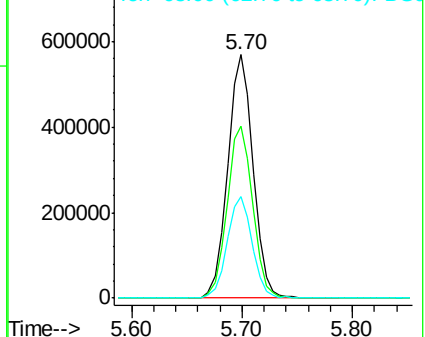
63 41.9 37.8 56.8

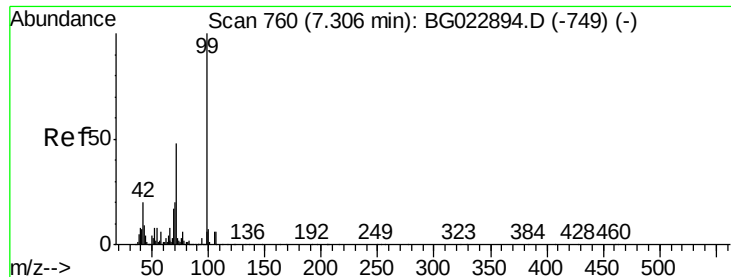


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 154.27 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023024.D

Acq: 12 Jul 2016 6:37

Instrument :

BNA_G

ClientSampled :

ICF-WSG-02

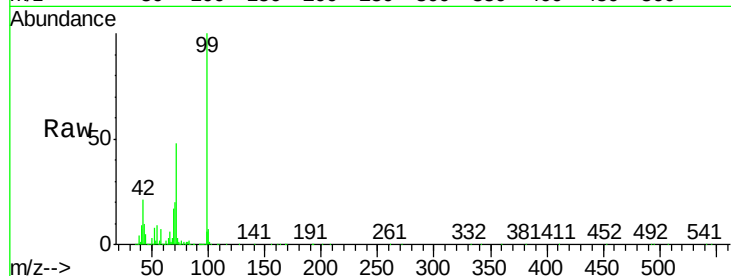
Tgt Ion: 99 Resp: 1470824

Ion Ratio Lower Upper

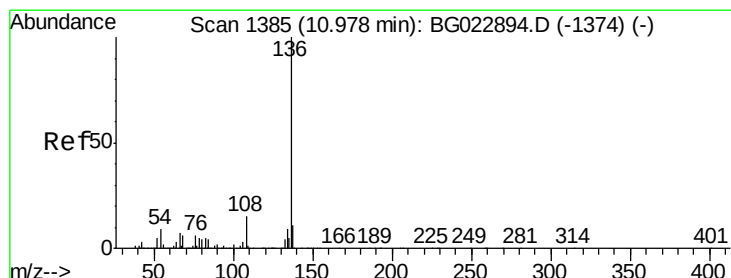
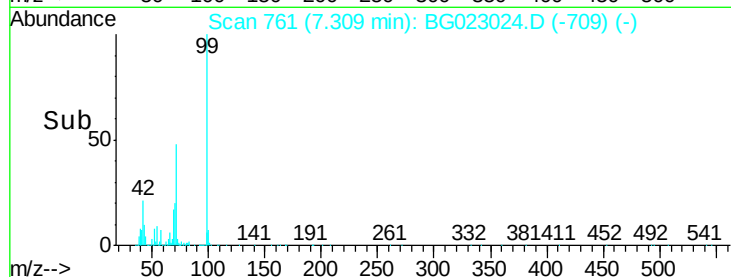
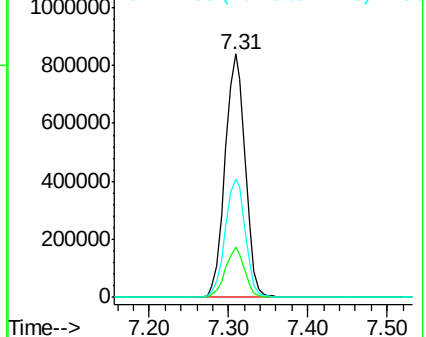
99 100

42 20.9 17.8 26.6

71 48.5 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: BG023024.D

Acq: 12 Jul 2016 6:37

Tgt Ion: 136 Resp: 463664

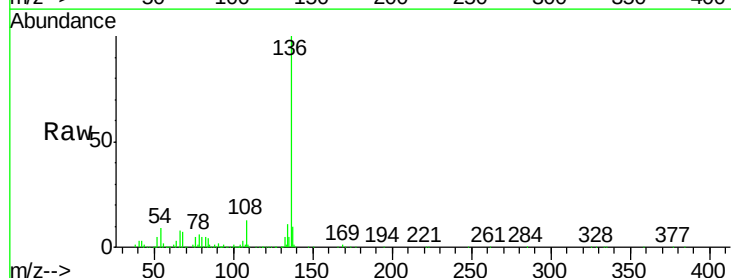
Ion Ratio Lower Upper

136 100

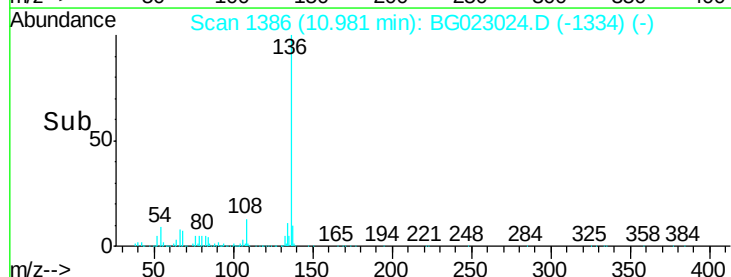
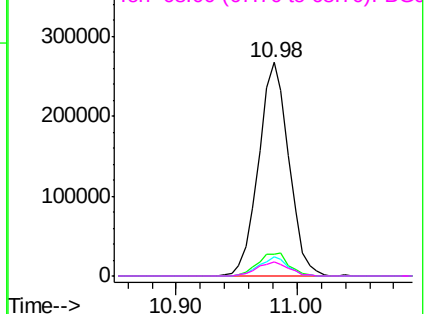
137 10.5 9.6 14.4

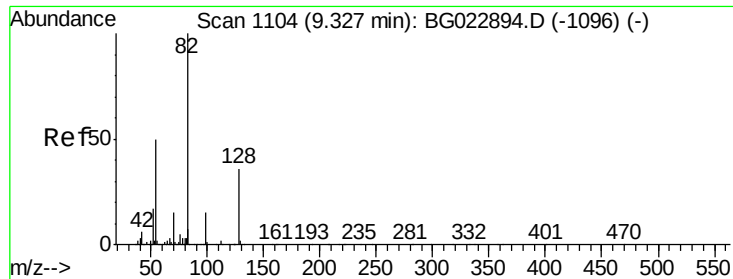
54 8.8 7.3 10.9

68 6.9 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

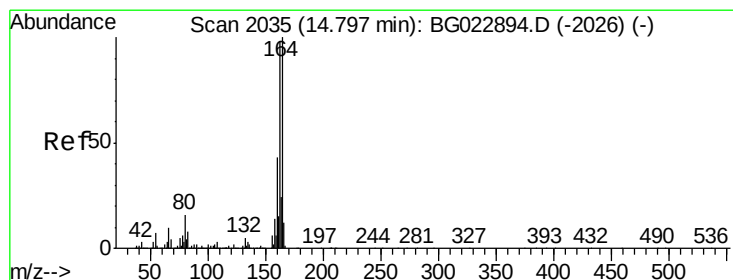
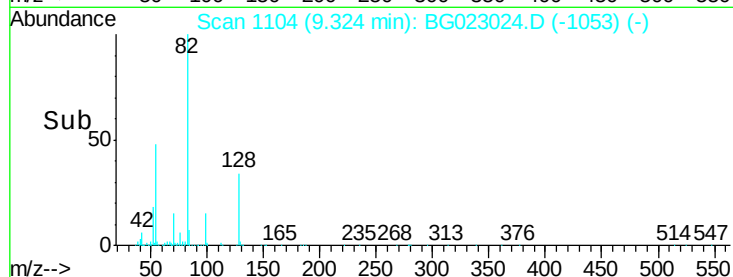
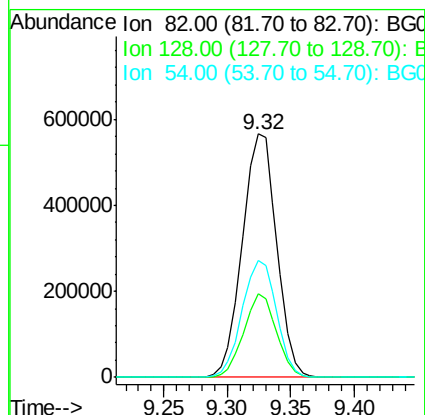
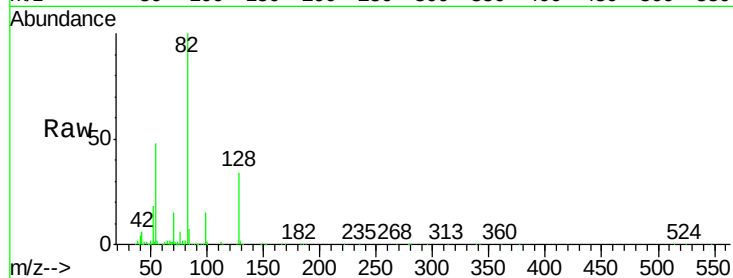




#23
 Nitrobenzene-d5
 Concen: 98.36 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023024.D
 Acq: 12 Jul 2016 6:37

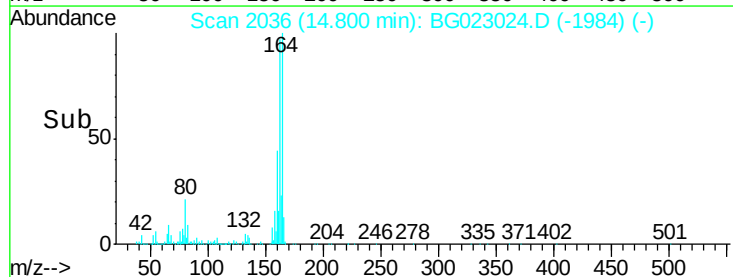
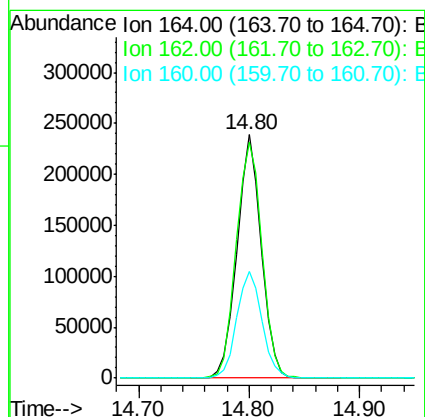
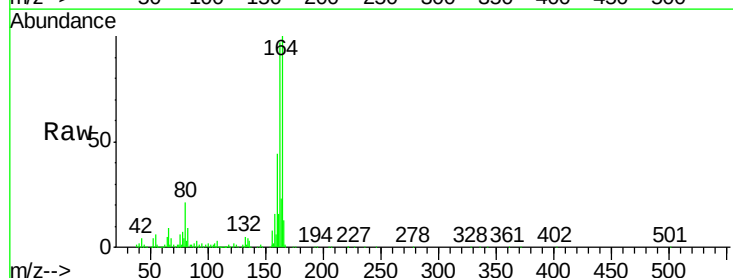
Instrument :
 BNA_G
 ClientSampleId :
 ICF-WSG-02

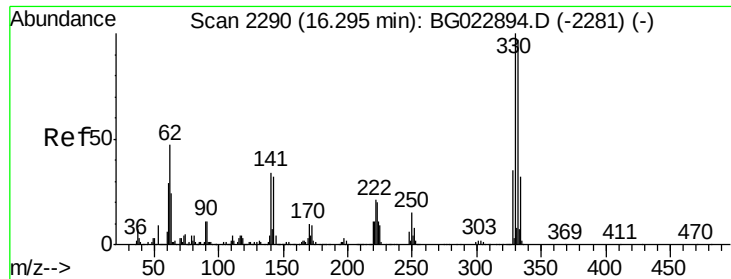
Tgt Ion: 82 Resp: 1065088
 Ion Ratio Lower Upper
 82 100
 128 34.3 24.4 36.6
 54 48.1 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023024.D
 Acq: 12 Jul 2016 6:37

Tgt Ion: 164 Resp: 368247
 Ion Ratio Lower Upper
 164 100
 162 96.7 87.7 131.5
 160 43.9 37.2 55.8

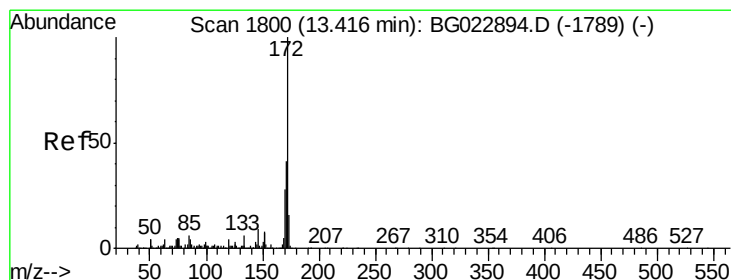
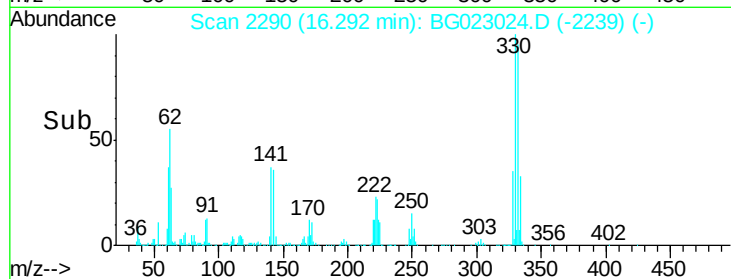
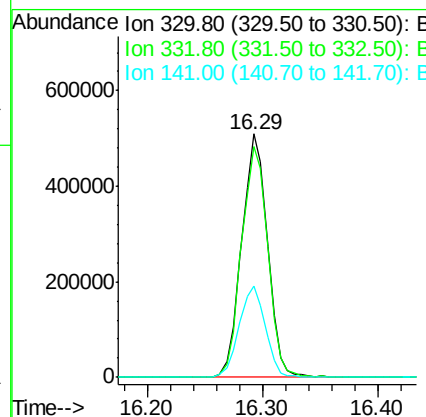
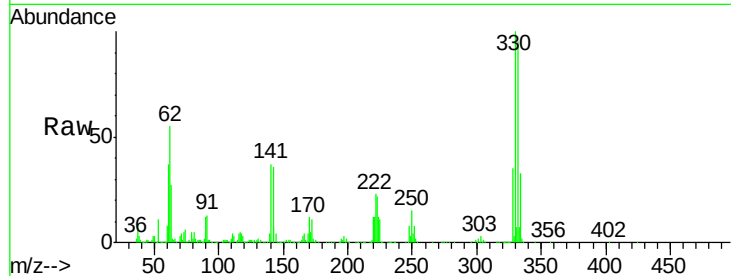




#41
 2,4,6-Tribromophenol
 Concen: 119.40 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023024.D
 Acq: 12 Jul 2016 6:37

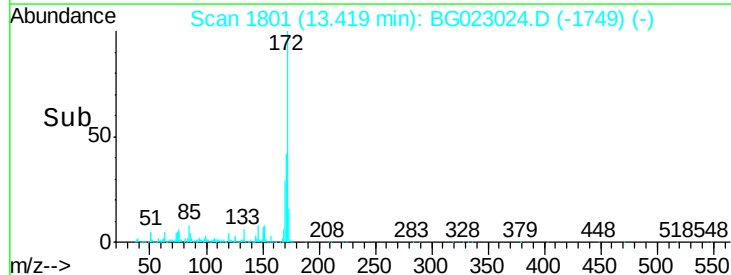
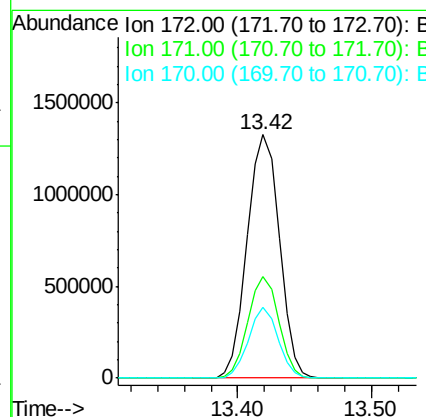
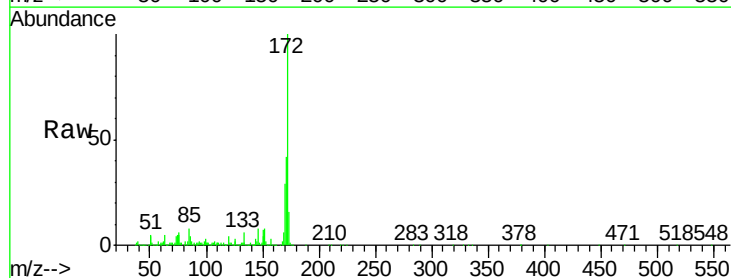
Instrument :
 BNA_G
 ClientSampleId :
 ICF-WSG-02

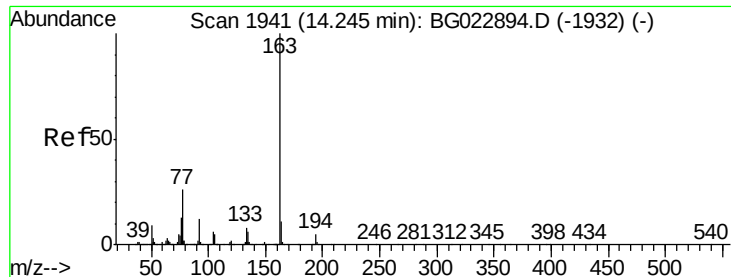
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	37.9	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 94.24 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023024.D
 Acq: 12 Jul 2016 6:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.6	31.6	47.4
170	28.8	21.3	31.9





#49

Dimethylphthalate

Concen: 17.97 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023024.D

Acq: 12 Jul 2016 6:37

Instrument :

BNA_G

ClientSampleId :

ICF-WSG-02

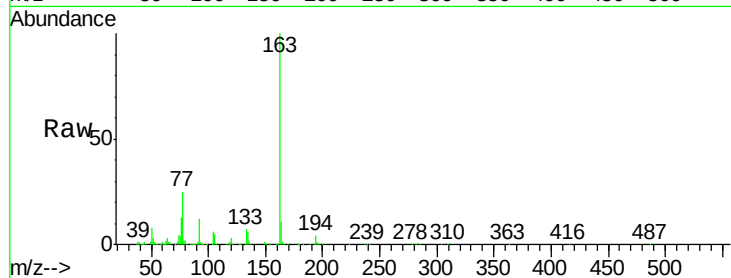
Tgt Ion:163 Resp: 540603

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

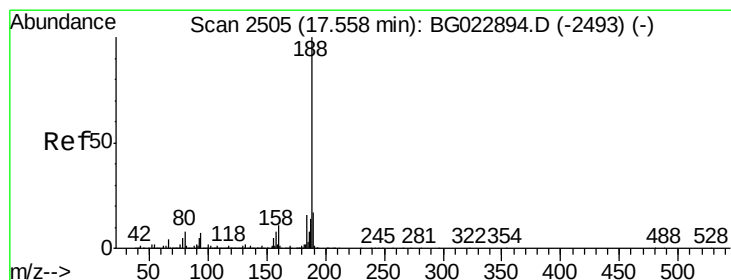
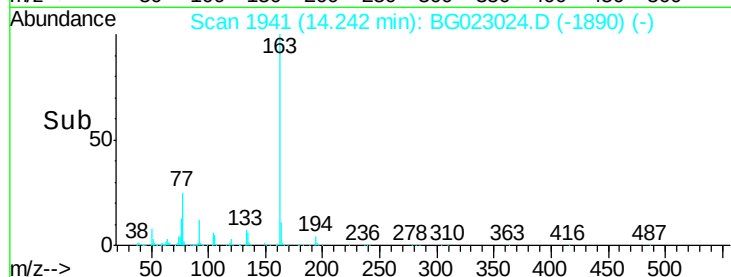
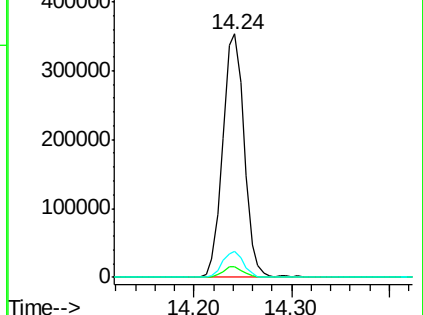
164 10.8 8.1 12.1



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: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023024.D

Acq: 12 Jul 2016 6:37

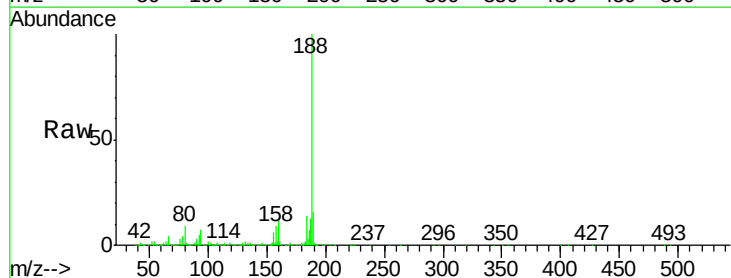
Tgt Ion:188 Resp: 861682

Ion Ratio Lower Upper

188 100

94 7.1 5.2 7.8

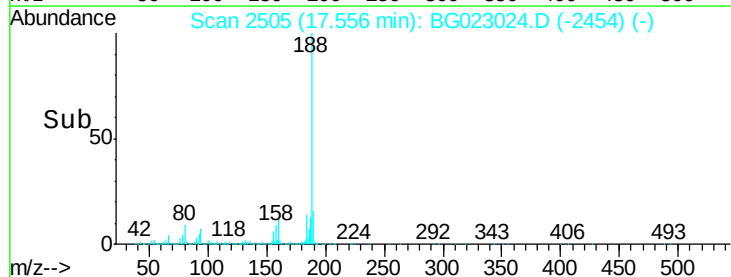
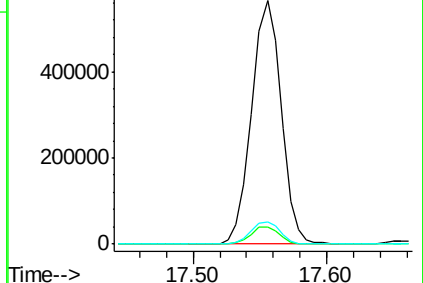
80 9.0 7.2 10.8

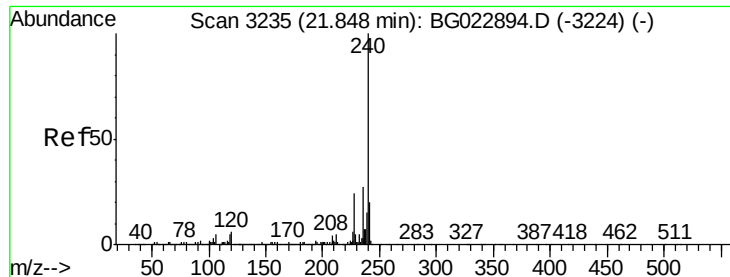


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

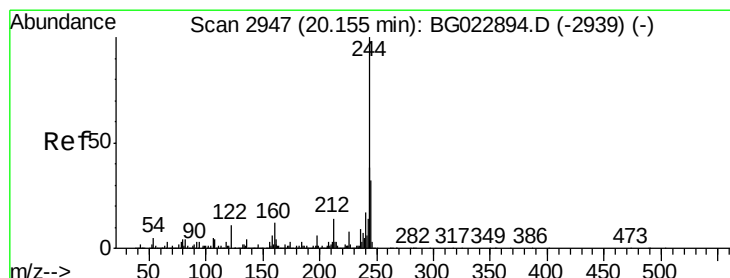
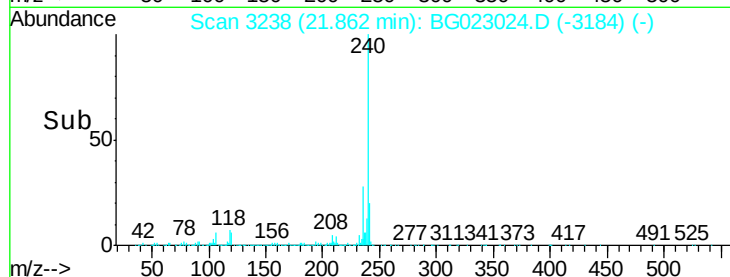
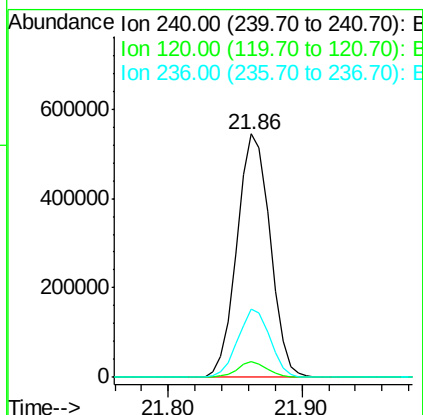
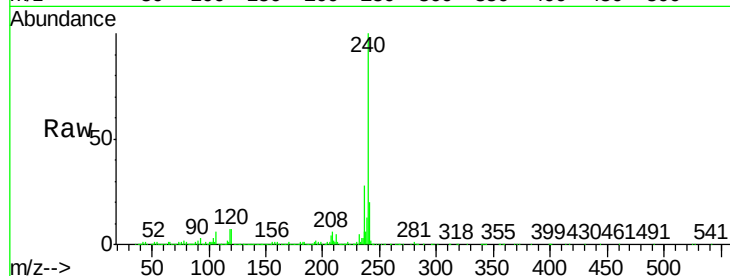




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. 0.01 min
 Lab File: BG023024.D
 Acq: 12 Jul 2016 6:37

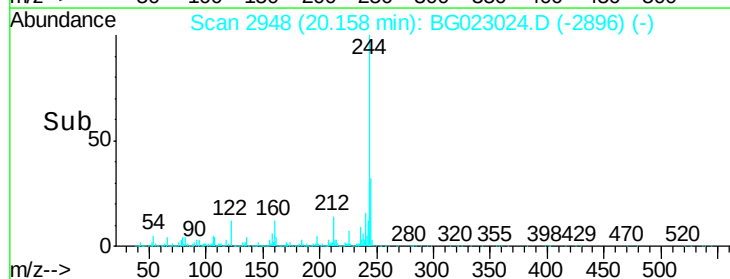
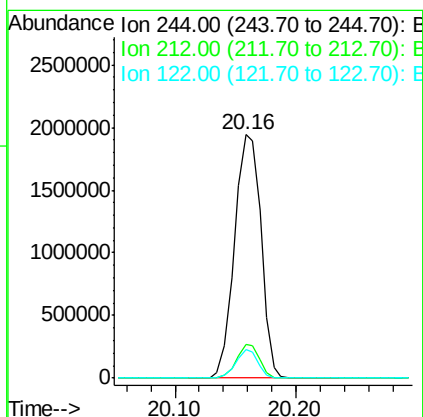
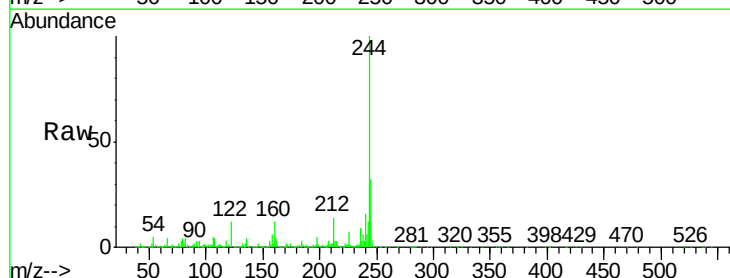
Instrument :
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 ICF-WSG-02

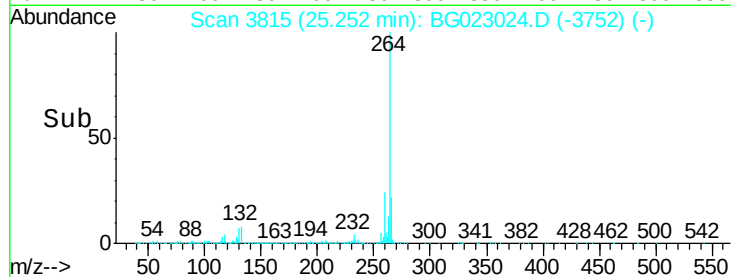
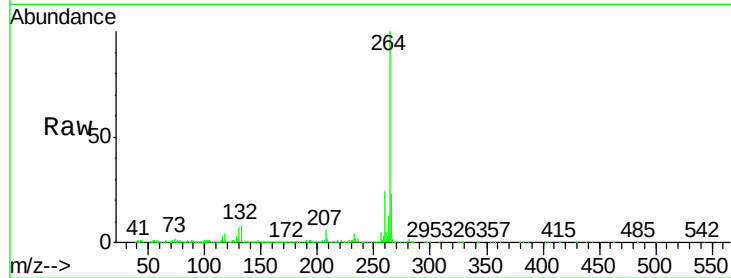
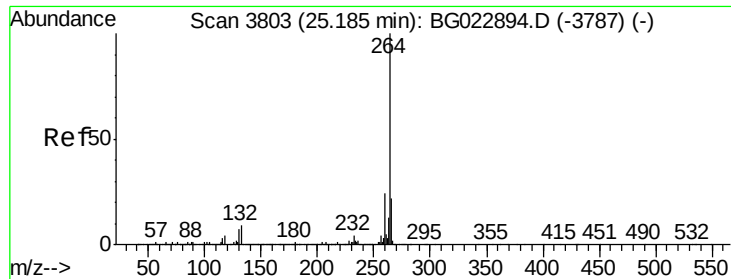
Tgt Ion:240 Resp: 936748
 Ion Ratio Lower Upper
 240 100
 120 6.5 4.1 6.1#
 236 28.1 21.1 31.7



#78
 Terphenyl-d14
 Concen: 115.39 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. 0.00 min
 Lab File: BG023024.D
 Acq: 12 Jul 2016 6:37

Tgt Ion:244 Resp: 2971004
 Ion Ratio Lower Upper
 244 100
 212 14.0 10.8 16.2
 122 11.7 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3815

Delta R.T. 0.07 min

Lab File: BG023024.D

Acq: 12 Jul 2016 6:37

Instrument :

BNA_G

ClientSampleId :

ICF-WSG-02

Tgt Ion:264 Resp: 948017

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 22.8 18.9 28.3

