

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071116\
 Data File : BG023016.D
 Acq On : 12 Jul 2016 1:18
 Operator : UM/SJ
 Sample : H3967-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0008

Quant Time: Jul 13 02:01:48 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

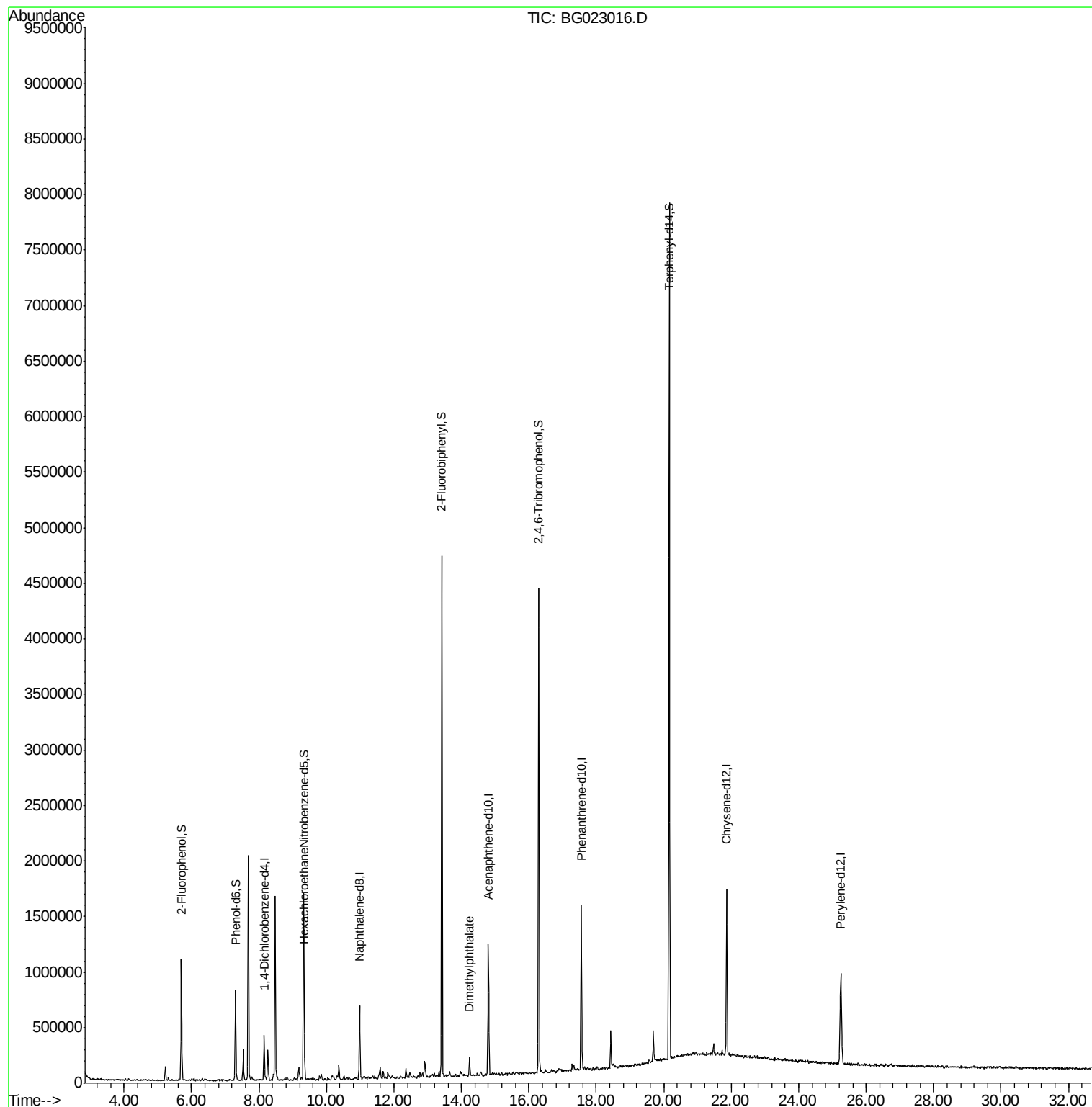
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	107562	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	507967	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	396301	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	889887	20.00	ng	0.00
75) Chrysene-d12	21.87	240	979809	20.00	ng	0.02
86) Perylene-d12	25.25	264	998287	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	442280	67.25	ng	0.00
7) Phenol-d6	7.30	99	462112	44.86	ng	0.00
23) Nitrobenzene-d5	9.33	82	1121603	94.55	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	813489	114.21	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2212062	87.92	ng	0.00
78) Terphenyl-d14	20.16	244	2864647	98.50	ng	0.00
Target Compounds						
18) Hexachloroethane	9.35	117	22589	6.24	ng	# 22
49) Dimethylphthalate	14.24	163	103278	3.19	ng	# 95

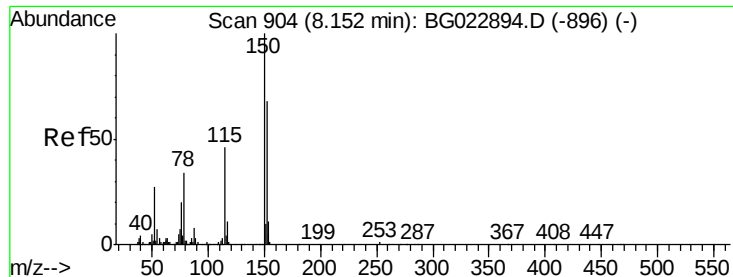
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023016.D

Acq: 12 Jul 2016 1:18

Instrument :

BNA_G

ClientSampleId :

S22-0008

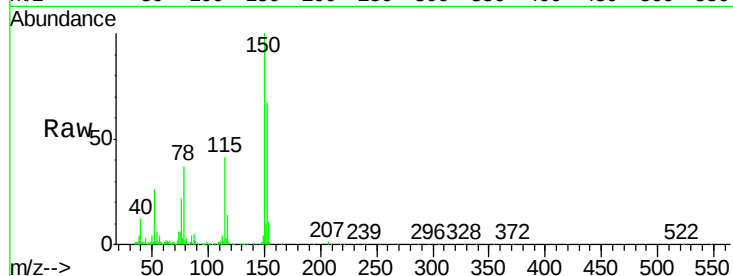
Tgt Ion:152 Resp: 107562

Ion Ratio Lower Upper

152 100

150 148.4 144.7 217.1

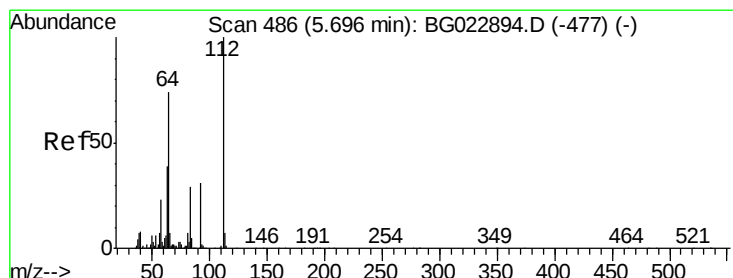
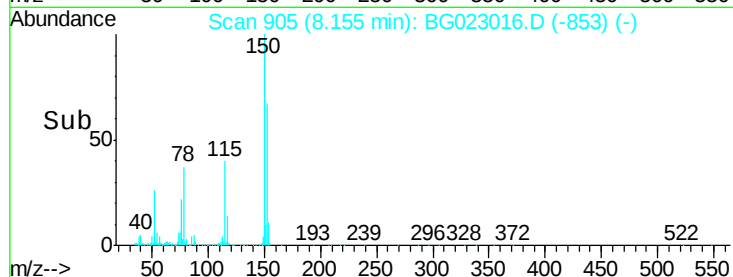
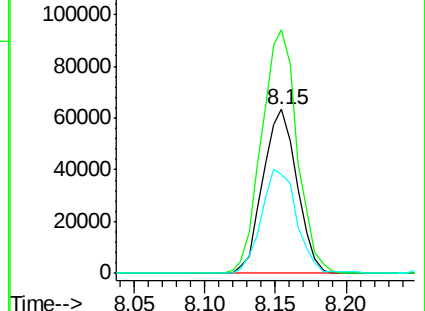
115 60.4 64.0 96.0#



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: 67.25 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023016.D

Acq: 12 Jul 2016 1:18

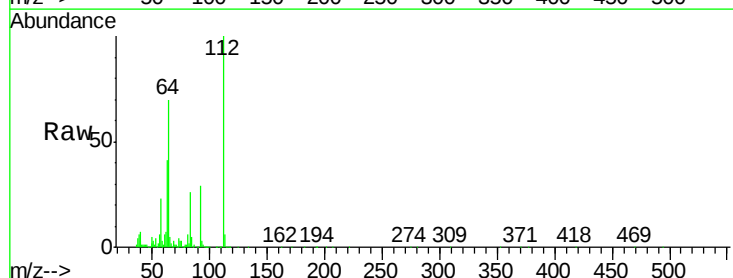
Tgt Ion:112 Resp: 442280

Ion Ratio Lower Upper

112 100

64 70.3 59.0 88.4

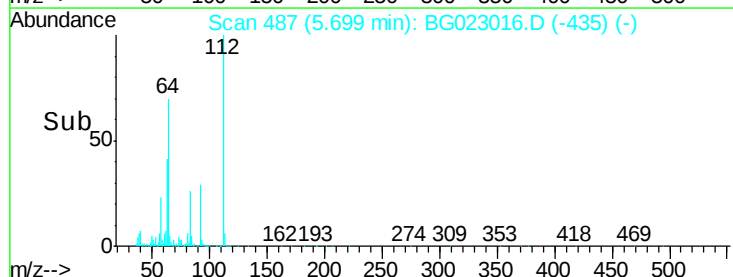
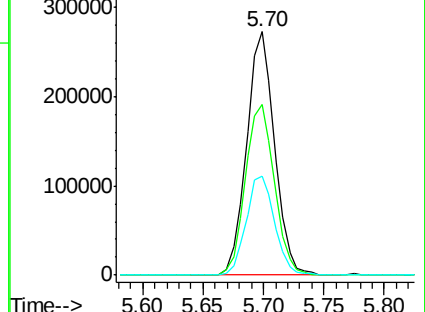
63 40.7 37.8 56.8

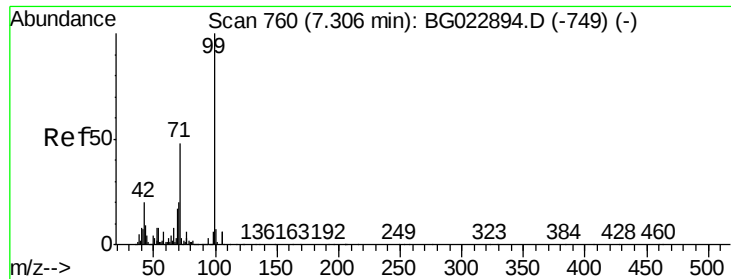


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 44.86 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023016.D

Acq: 12 Jul 2016 1:18

Instrument :

BNA_G

ClientSampleId :

S22-0008

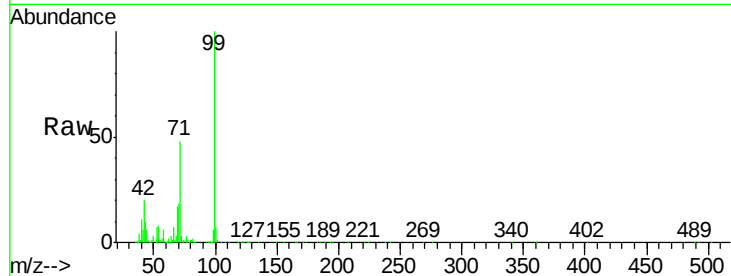
Tgt Ion: 99 Resp: 462112

Ion Ratio Lower Upper

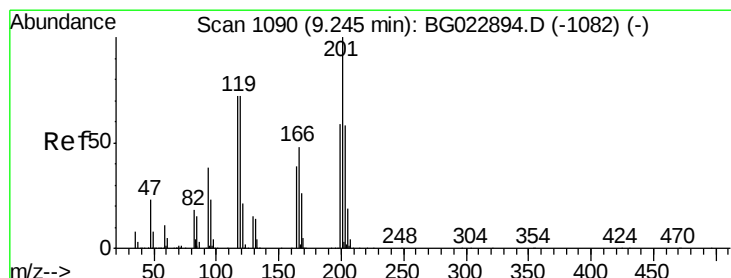
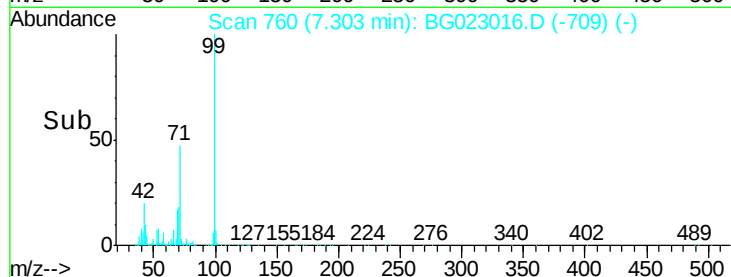
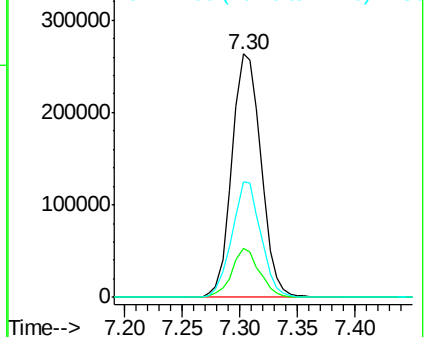
99 100

42 20.4 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



#18

Hexachloroethane

Concen: 6.24 ng

RT: 9.35 min Scan# 1108

Delta R.T. 0.10 min

Lab File: BG023016.D

Acq: 12 Jul 2016 1:18

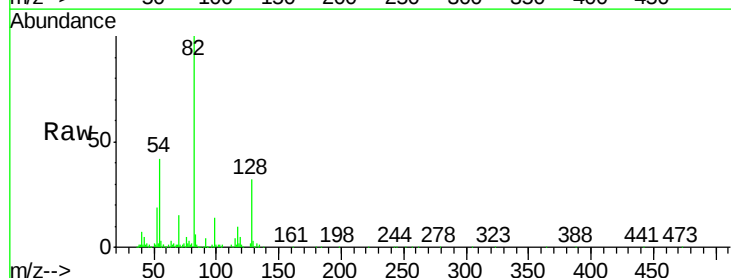
Tgt Ion: 117 Resp: 22589

Ion Ratio Lower Upper

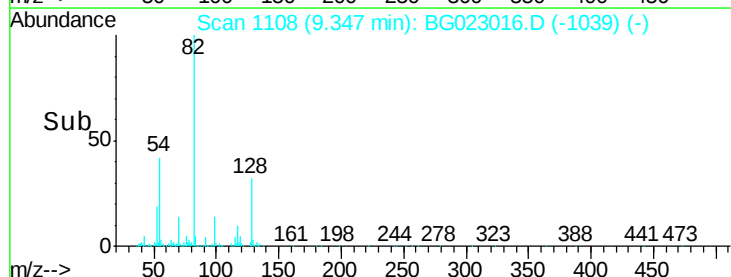
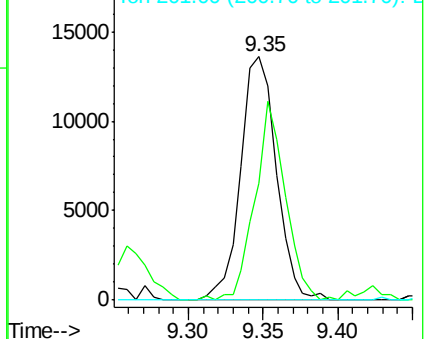
117 100

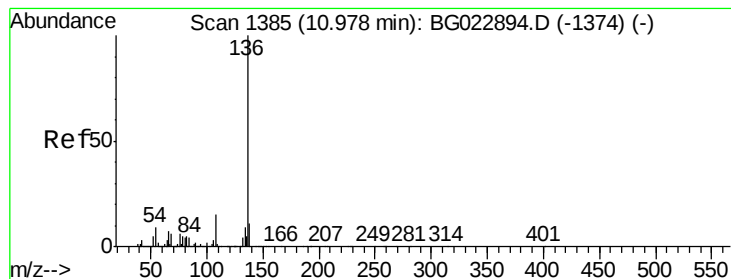
119 48.2 73.7 110.5#

201 0.0 88.7 133.1#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG023016.D

Acq: 12 Jul 2016 1:18

Instrument :

BNA_G

ClientSampleId :

S22-0008

Tgt Ion:136 Resp: 507967

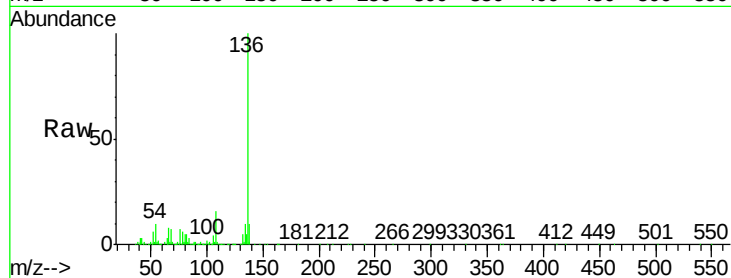
Ion Ratio Lower Upper

136 100

137 10.3 9.6 14.4

54 9.8 7.3 10.9

68 6.6 5.3 7.9

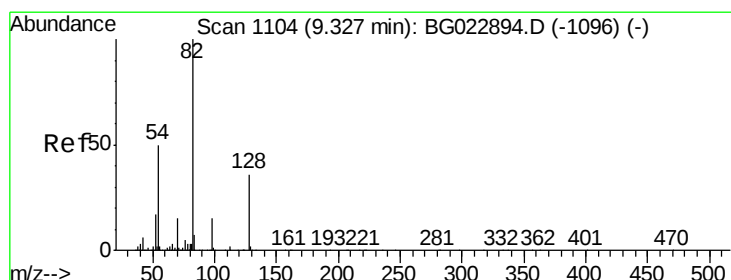
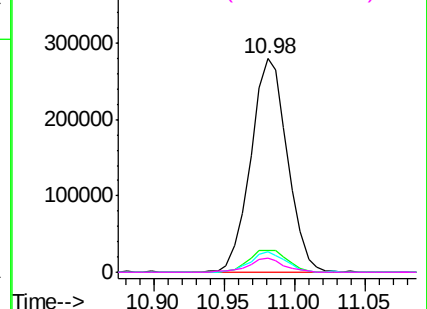
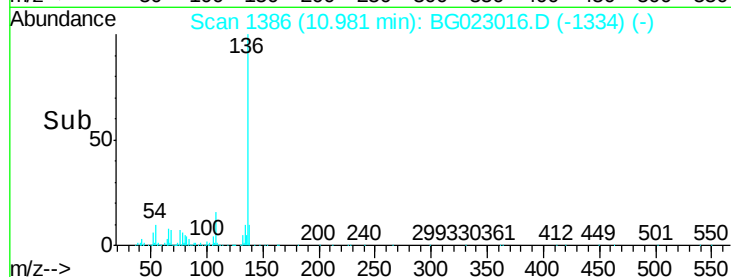


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 94.55 ng

RT: 9.33 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BG023016.D

Acq: 12 Jul 2016 1:18

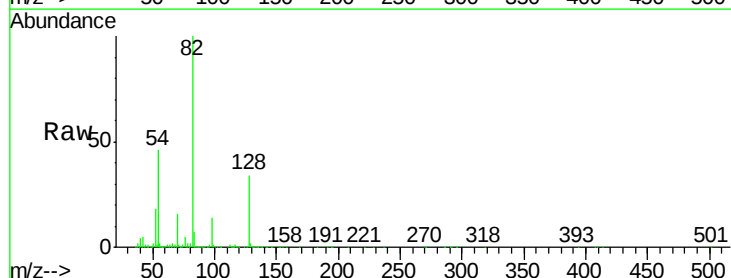
Tgt Ion: 82 Resp: 1121603

Ion Ratio Lower Upper

82 100

128 33.7 24.4 36.6

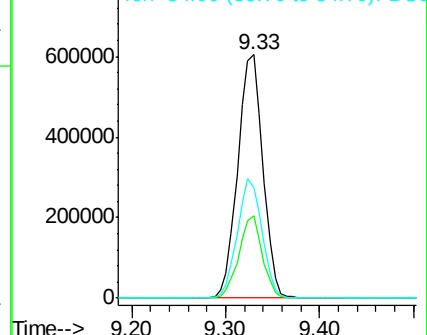
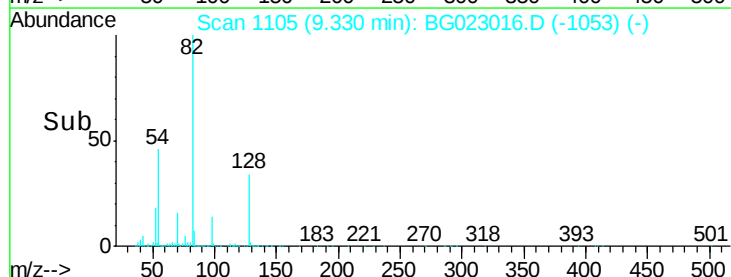
54 45.5 41.4 62.0

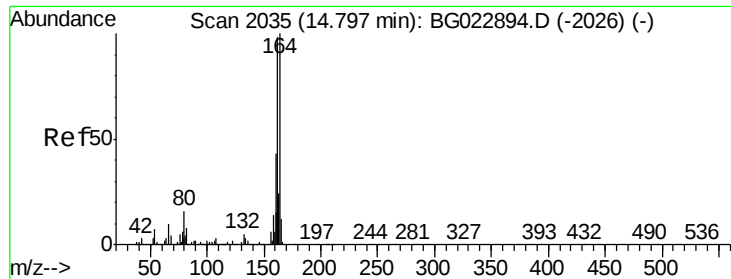


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG023016.D

Acq: 12 Jul 2016 1:18

Instrument :

BNA_G

ClientSampleId :

S22-0008

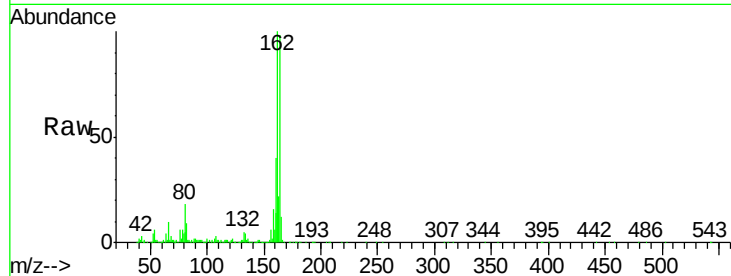
Tgt Ion:164 Resp: 396301

Ion Ratio Lower Upper

164 100

162 102.4 87.7 131.5

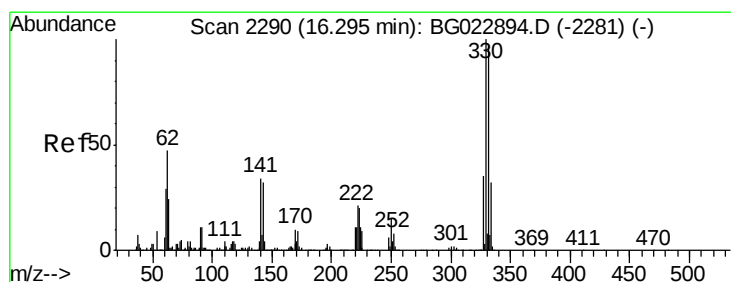
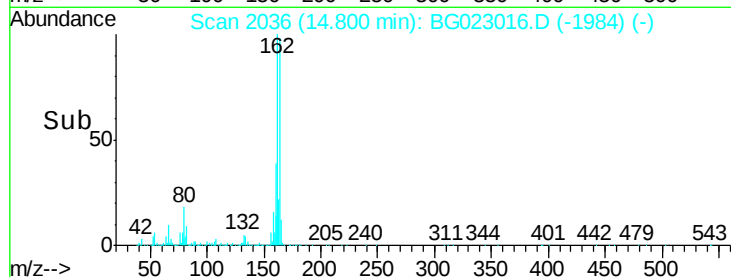
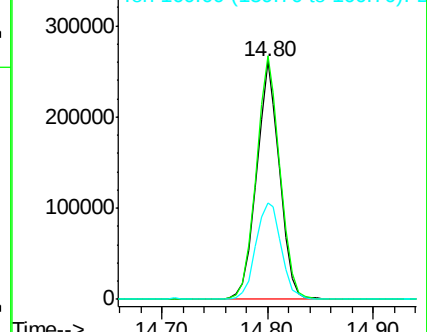
160 40.5 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 114.21 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG023016.D

Acq: 12 Jul 2016 1:18

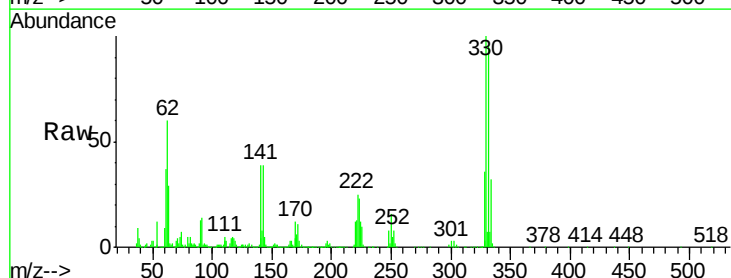
Tgt Ion:330 Resp: 813489

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.2

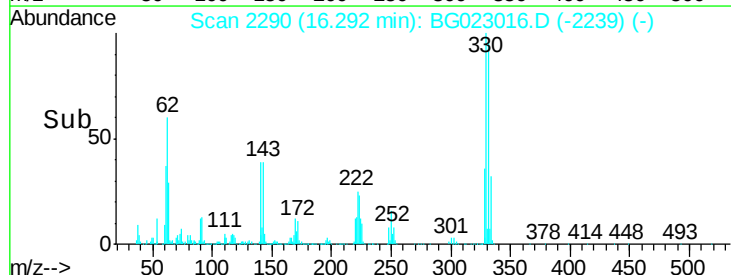
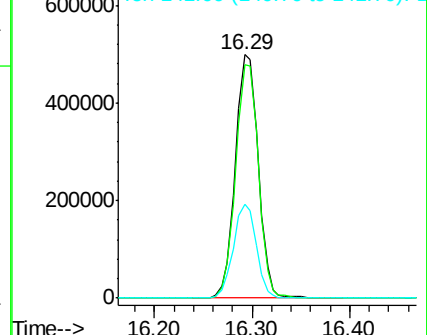
141 38.4 31.7 47.5

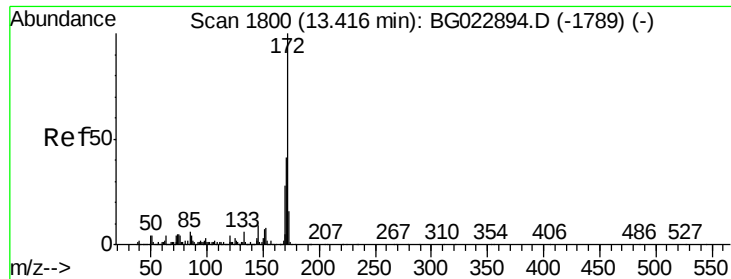


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

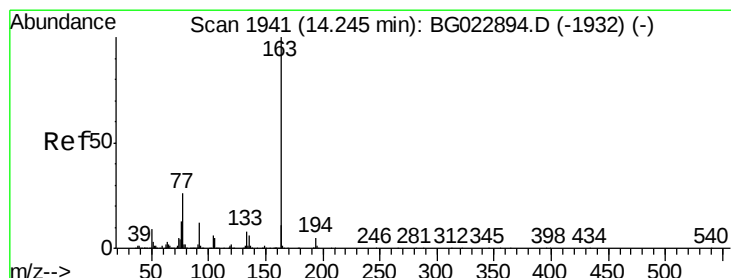
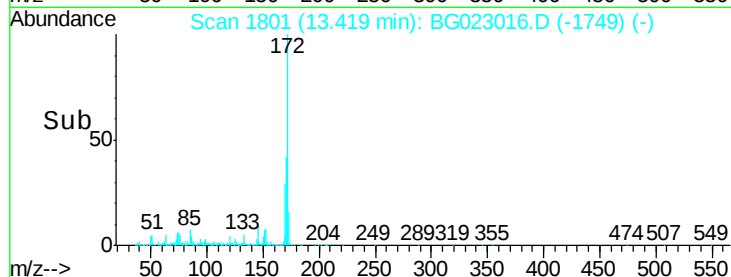
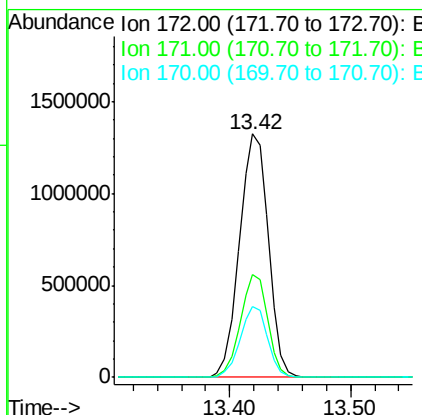
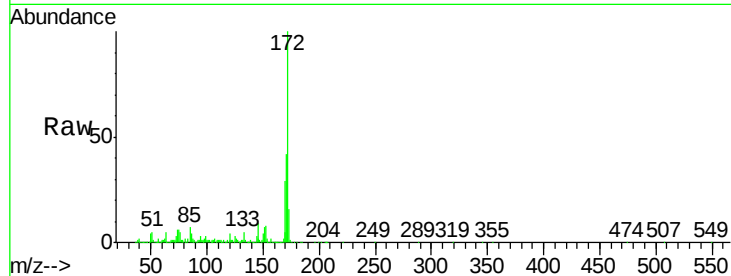




#44
2-Fluorobiphenyl
Concen: 87.92 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG023016.D
Acq: 12 Jul 2016 1:18

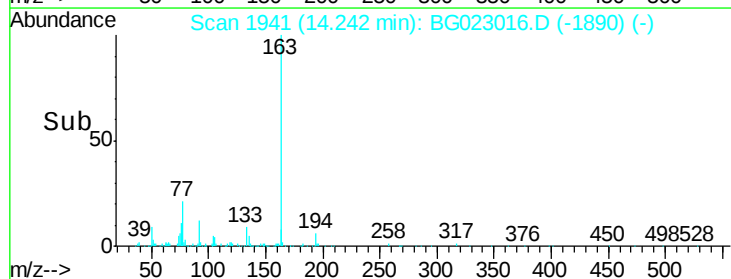
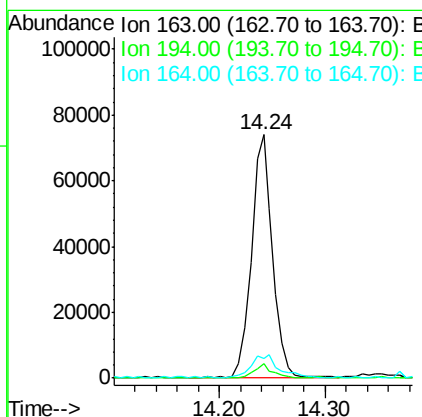
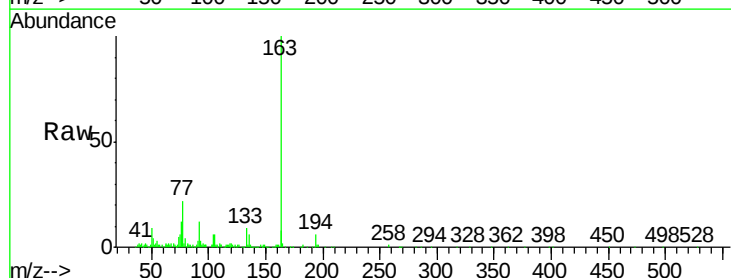
Instrument :
BNA_G
ClientSampleId :
S22-0008

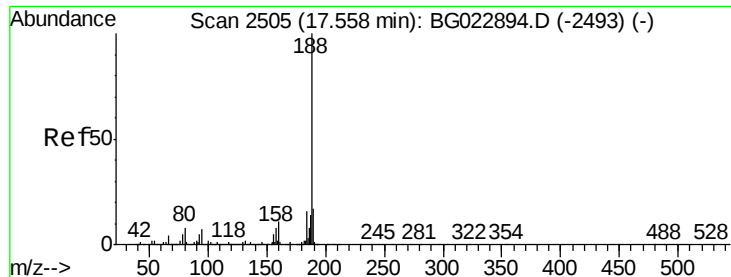
Tgt Ion:172 Resp: 2212062
Ion Ratio Lower Upper
172 100
171 42.4 31.6 47.4
170 29.1 21.3 31.9



#49
Dimethylphthalate
Concen: 3.19 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG023016.D
Acq: 12 Jul 2016 1:18

Tgt Ion:163 Resp: 103278
Ion Ratio Lower Upper
163 100
194 6.0 3.6 5.4#
164 8.3 8.1 12.1

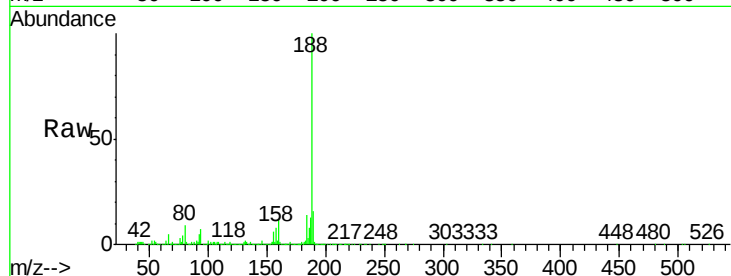




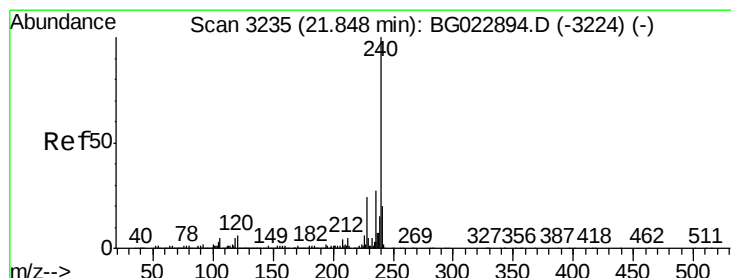
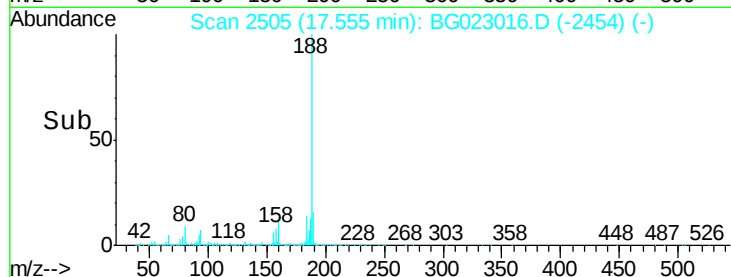
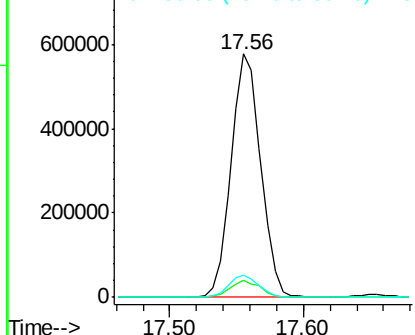
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG023016.D
Acq: 12 Jul 2016 1:18

Instrument :
BNA_G
ClientSampleId :
S22-0008

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.2	7.8
80	9.2	7.2	10.8

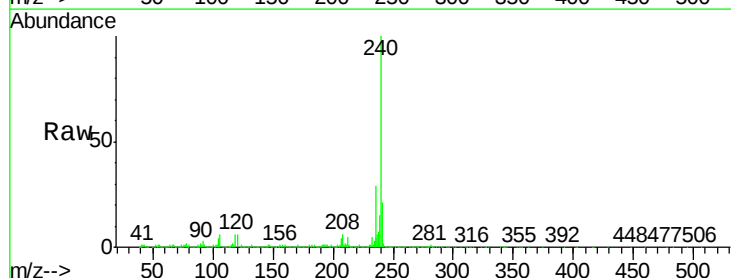


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. 0.02 min
Lab File: BG023016.D
Acq: 12 Jul 2016 1:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	4.1	6.1#
236	28.6	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

