

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 12 04:42:35 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

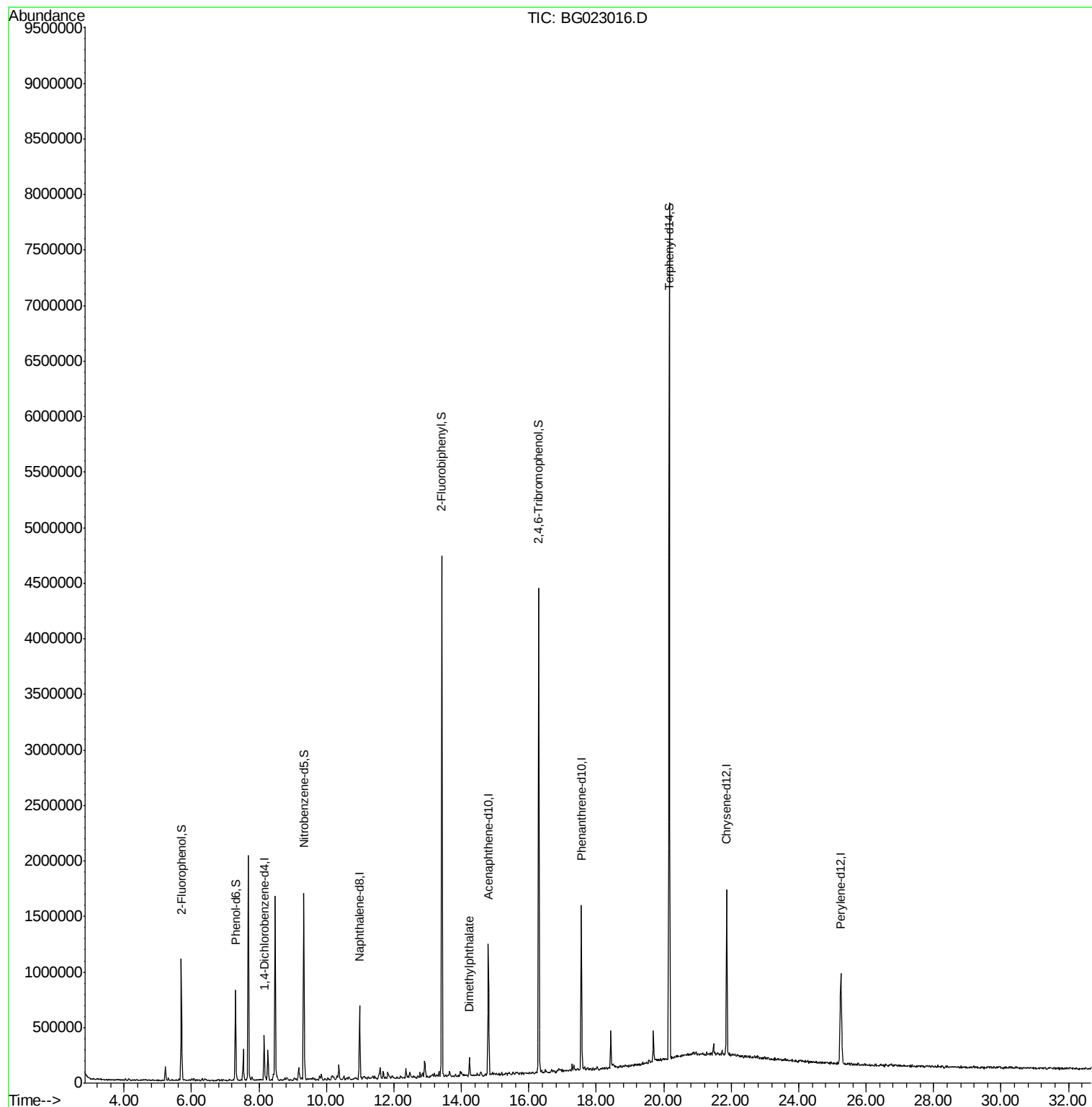
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	107562	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	507967	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	396301	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	889887	20.00	ng	0.00
75) Chrysene-d12	21.87	240	979809	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						
49) Dimethylphthalate	14.24	163	103278	3.19	ng	Qvalue # 95

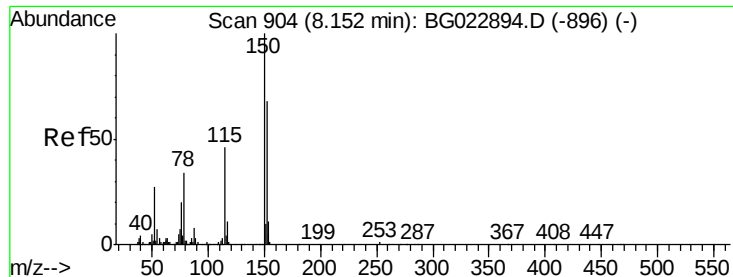
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 07 16:51:07 2016
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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

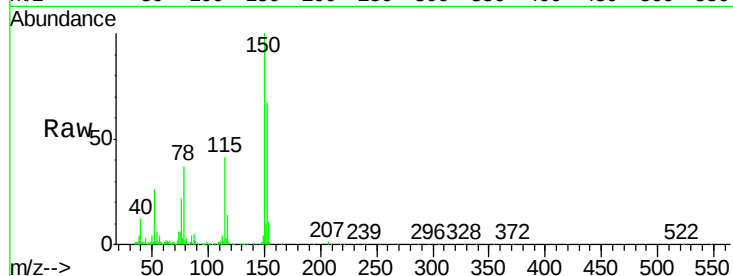
Tot Ion:152 Resp: 107562

Ion Ratio Lower Upper

152 100

150 148.4 144.7 217.1

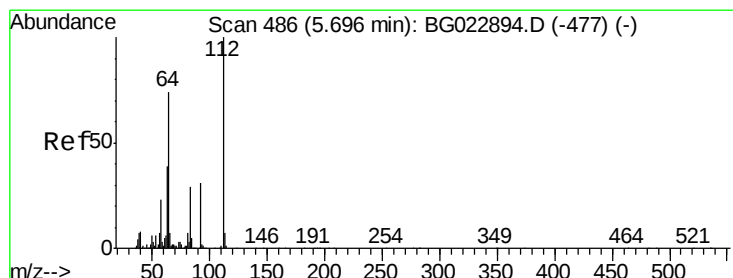
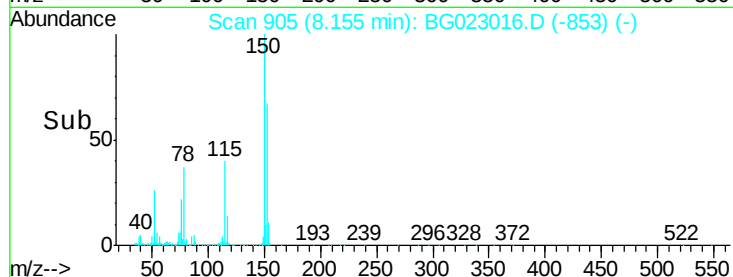
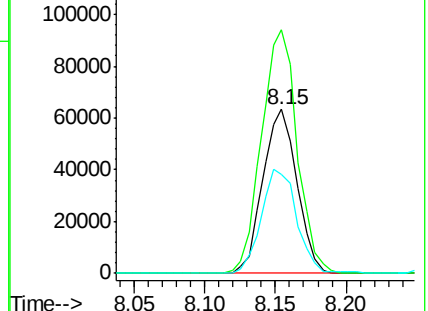
115 60.4 64.0 96.0#



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

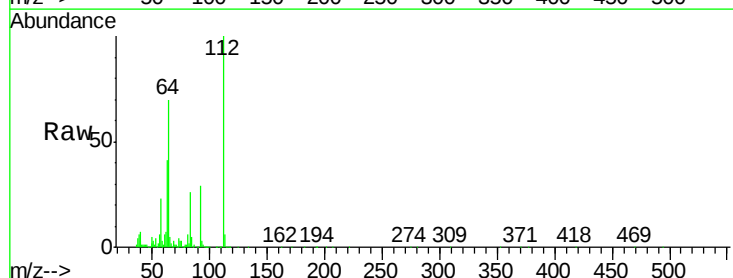
Tgt Ion:112 Resp: 442280

Ion Ratio Lower Upper

112 100

64 70.3 59.0 88.4

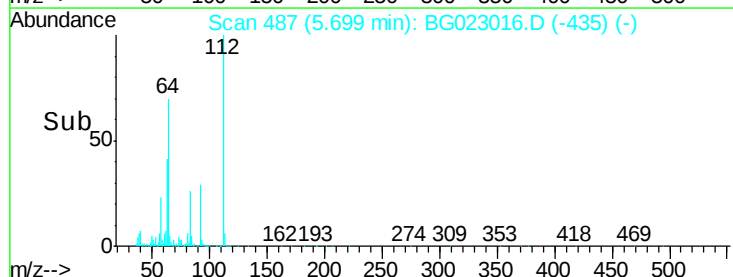
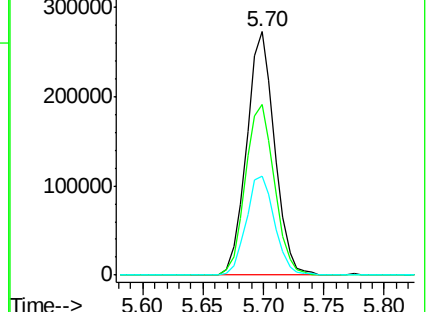
63 40.7 37.8 56.8

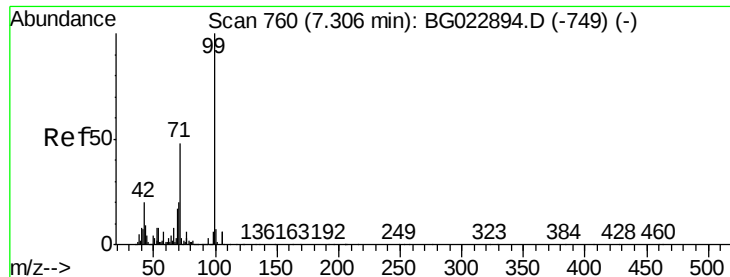


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#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

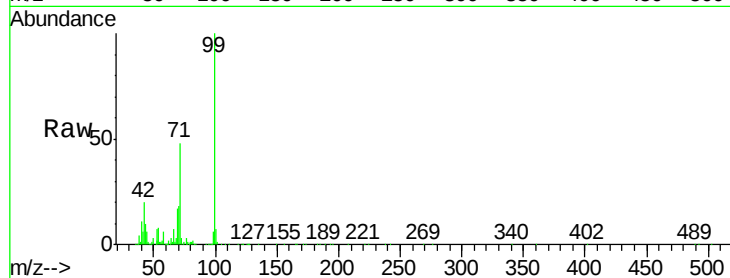
Tot Ion: 99 Resp: 462112

Ion Ratio Lower Upper

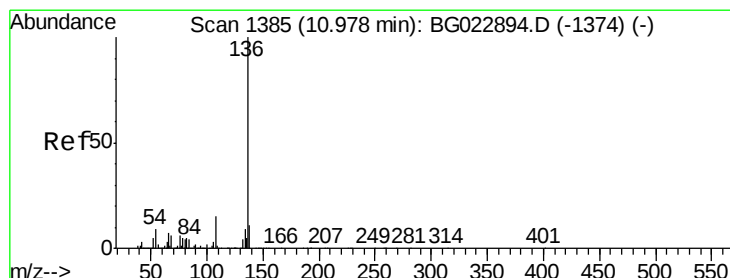
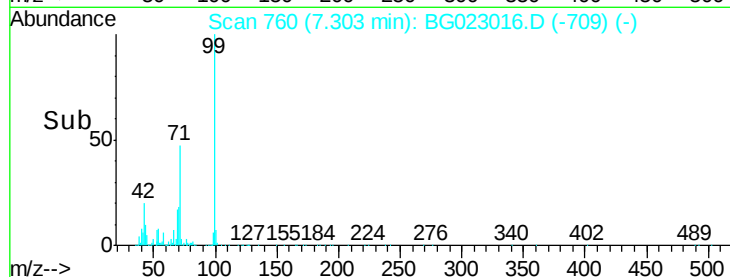
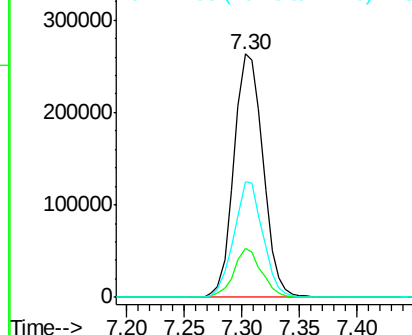
99 100

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



#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

Tgt Ion: 136 Resp: 507967

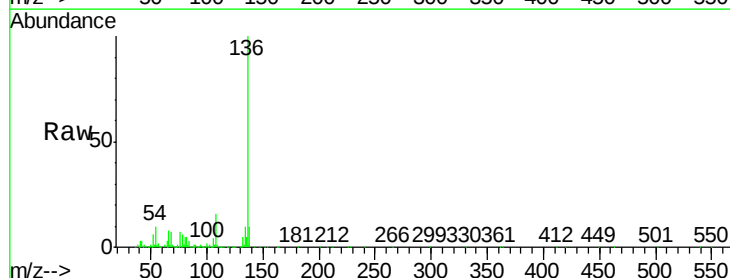
Ion Ratio Lower Upper

136 100

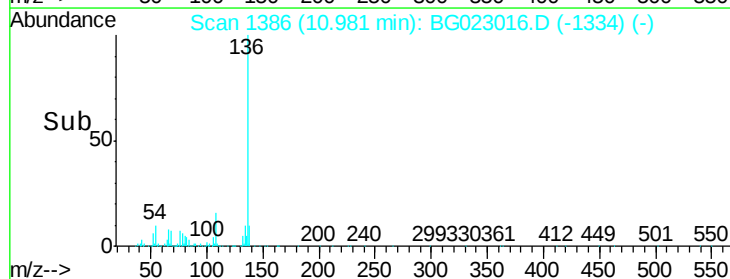
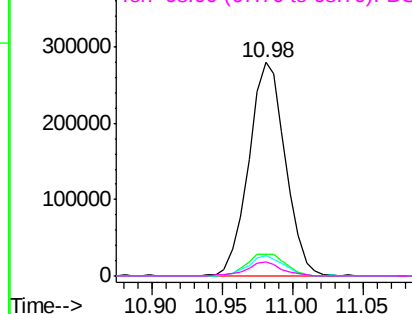
137 10.3 9.6 14.4

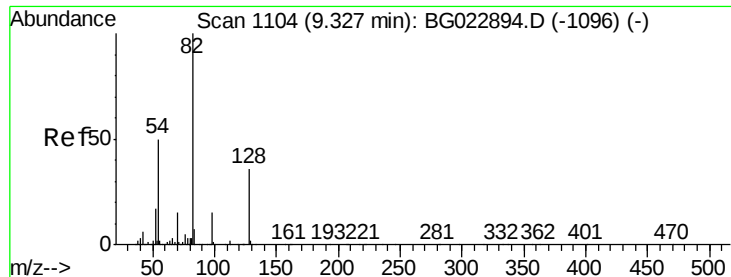
54 9.8 7.3 10.9

68 6.6 5.3 7.9



Abundance Ion 136.00 (135.70 to 136.70): 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

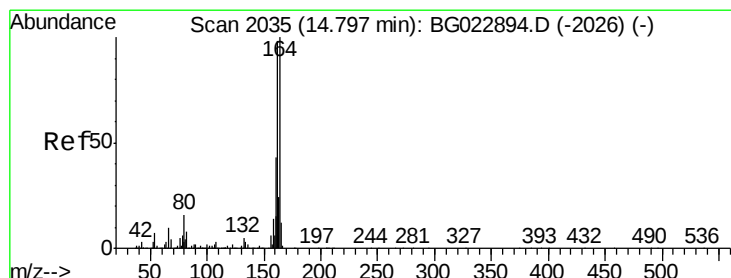
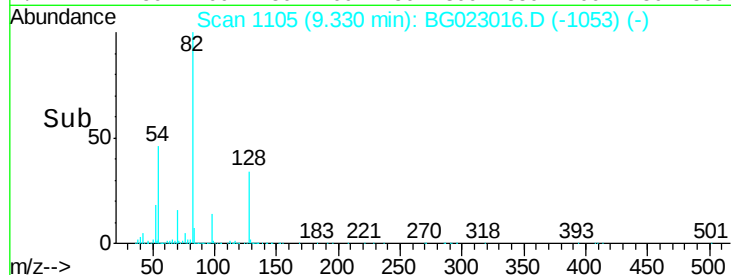
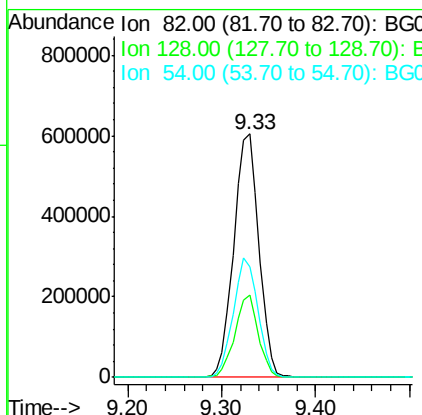
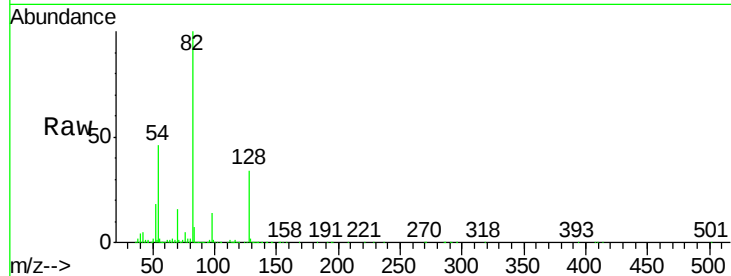




#23
Nitrobenzene-d5
Concen: 94.55 ng
RT: 9.33 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BG023016.D
Acq: 12 Jul 2016 1:18

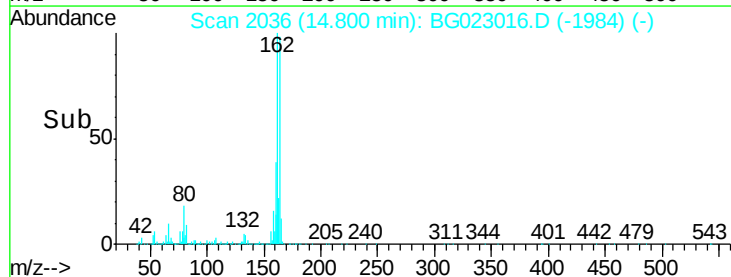
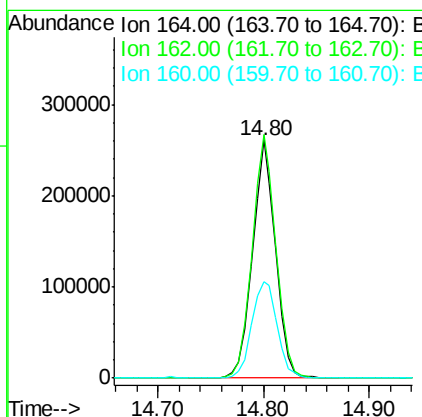
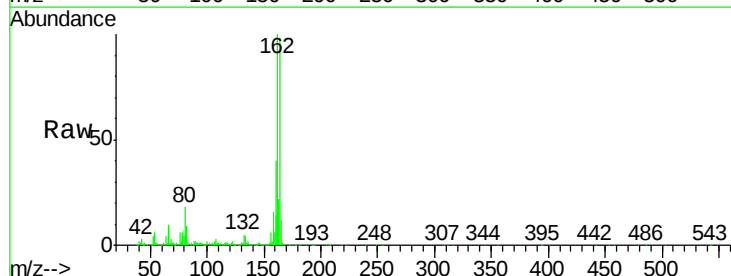
Instrument :
BNA_G
ClientSampleId :
S22-0008

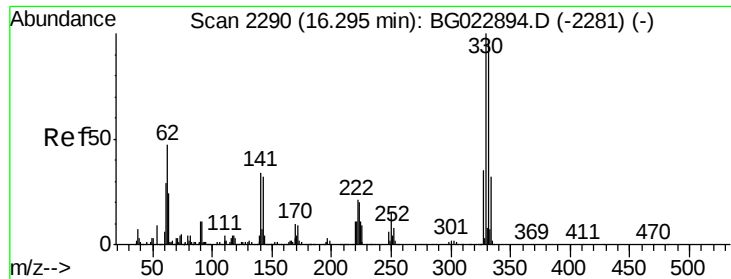
Tot Ion: 82 Resp: 1121603
Ion Ratio Lower Upper
82 100
128 33.7 24.4 36.6
54 45.5 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG023016.D
Acq: 12 Jul 2016 1:18

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

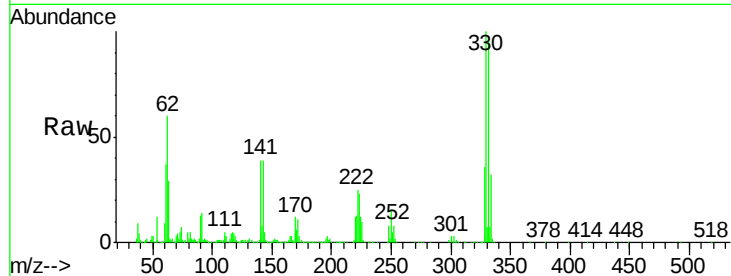




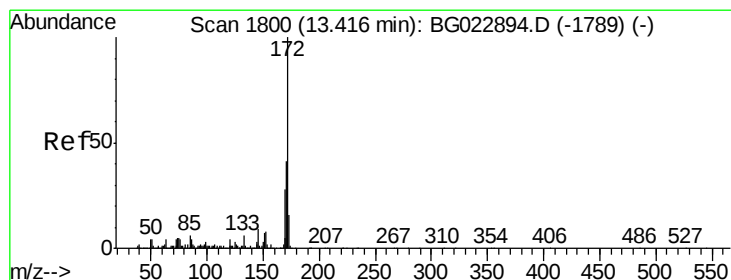
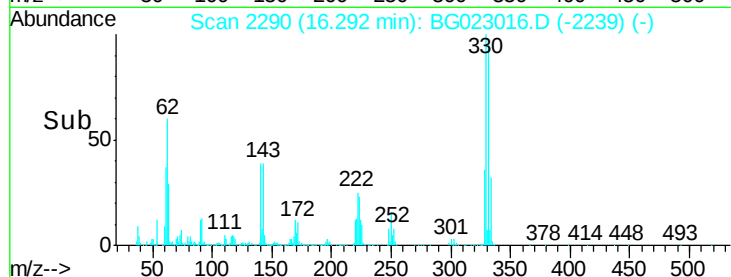
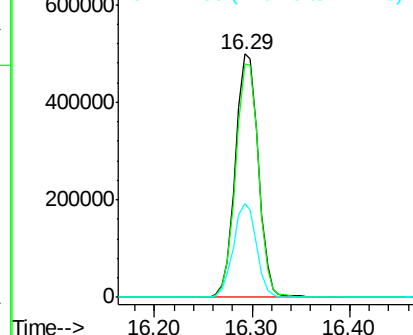
#41
 2,4,6-Tribromophenol
 Concen: 114.21 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023016.D
 Acq: 12 Jul 2016 1:18

Instrument :
 BNA_G
 ClientSampleId :
 S22-0008

Tot Ion:330 Resp: 813489
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 38.4 31.7 47.5

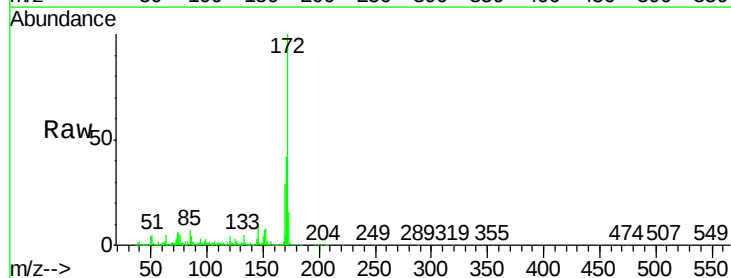


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

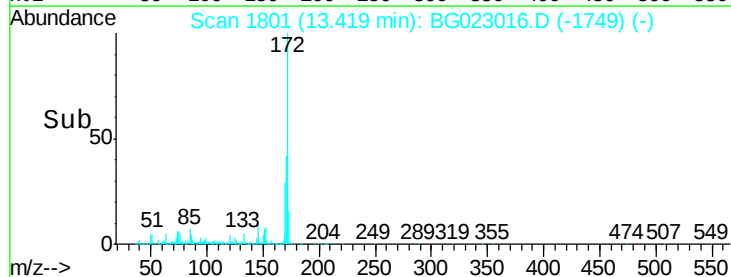
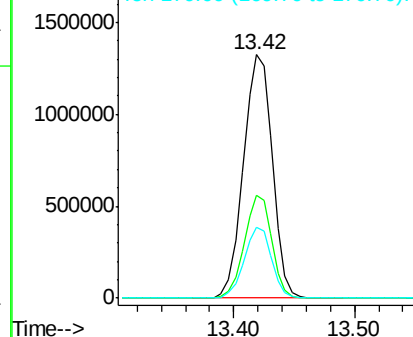


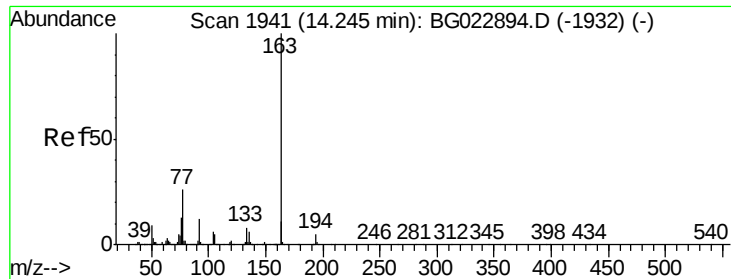
#44
 2-Fluorobiphenyl
 Concen: 87.92 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023016.D
 Acq: 12 Jul 2016 1:18

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



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

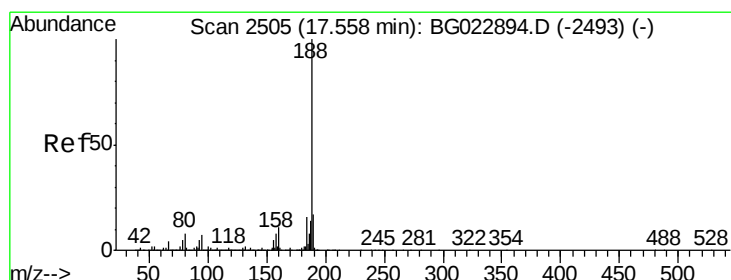
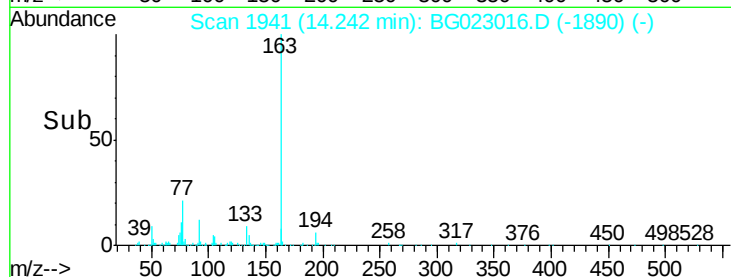
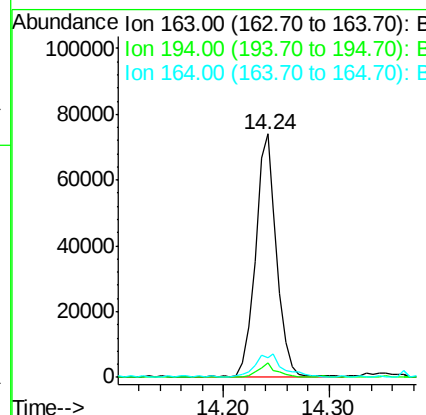
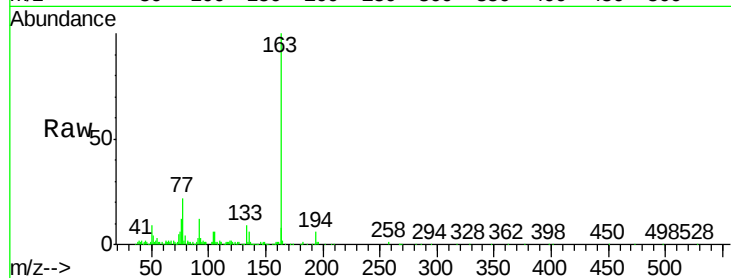




#49
Dimethylphthalate
Concen: 3.19 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG023016.D
Acq: 12 Jul 2016 1:18

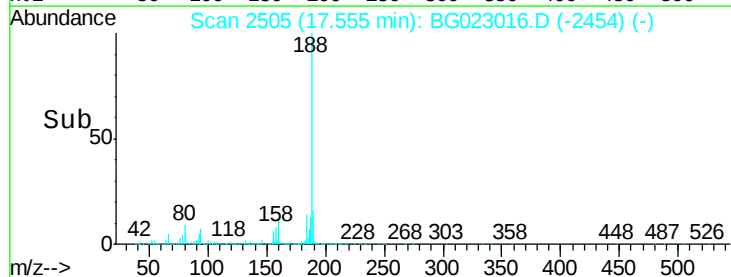
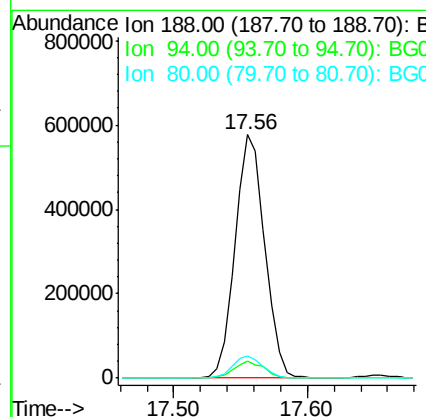
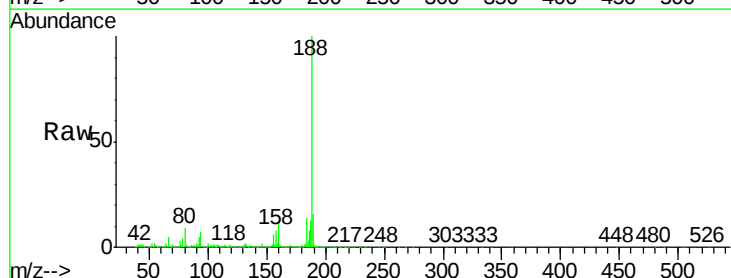
Instrument :
BNA_G
ClientSampleId :
S22-0008

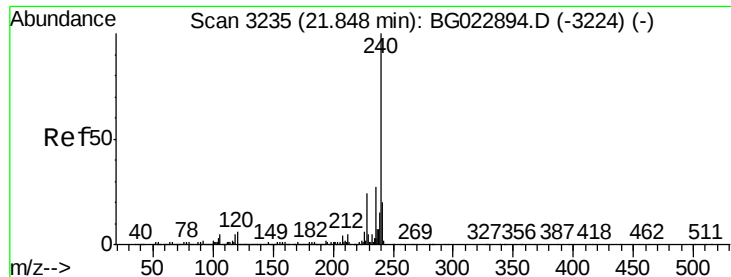
Tot Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.6	5.4
164	8.3	8.1	12.1



#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

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





#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

Instrument :

BNA_G

ClientSampleId :

S22-0008

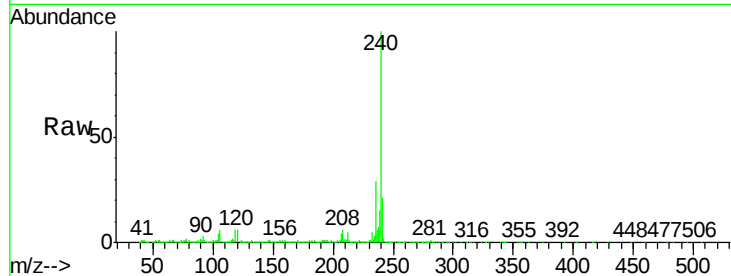
Tot Ion:240 Resp: 979809

Ion Ratio Lower Upper

240 100

120 6.3 4.1 6.1#

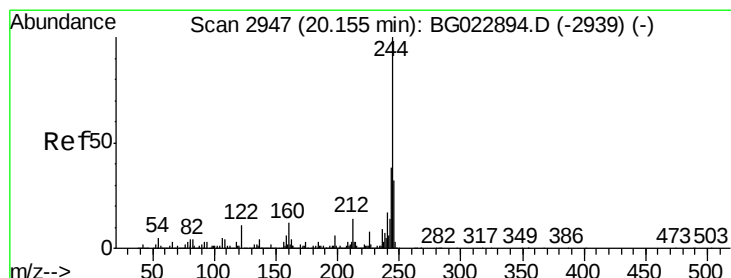
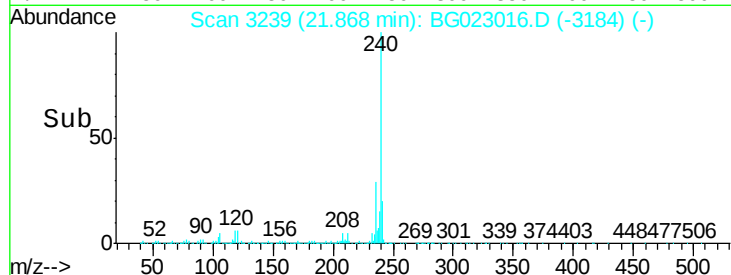
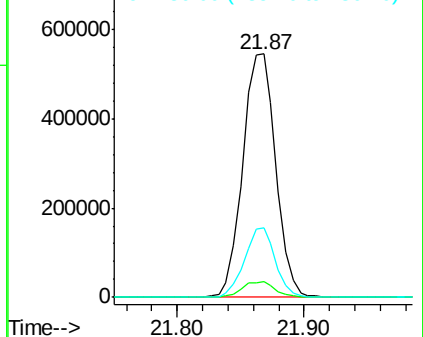
236 28.6 21.1 31.7



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



#78

Terphenyl-d14

Concen: 98.50 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023016.D

Acq: 12 Jul 2016 1:18

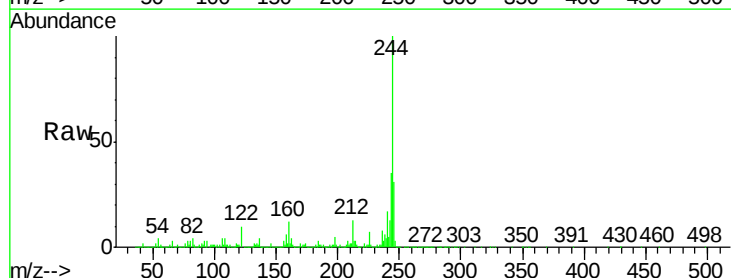
Tgt Ion:244 Resp: 2864647

Ion Ratio Lower Upper

244 100

212 13.4 10.8 16.2

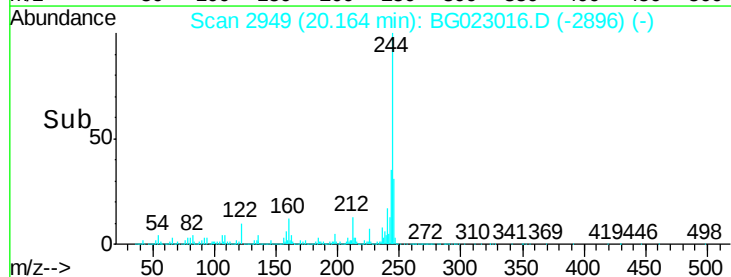
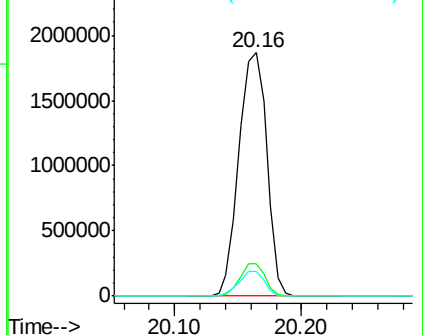
122 10.4 8.0 12.0

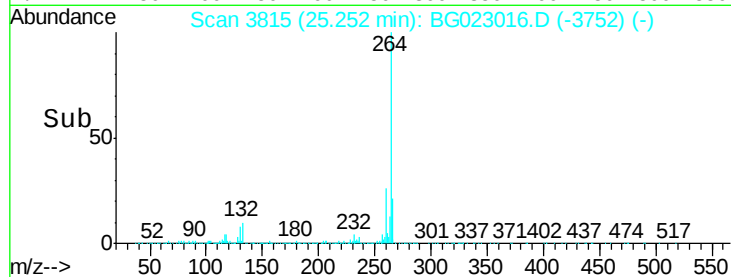
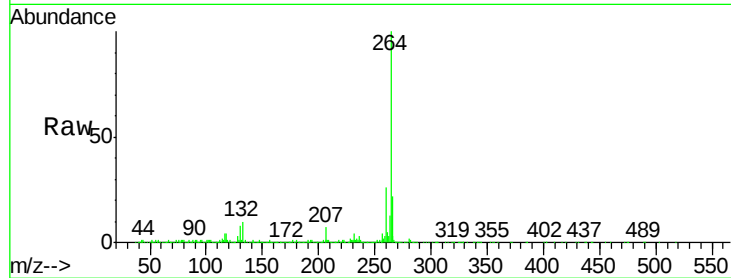
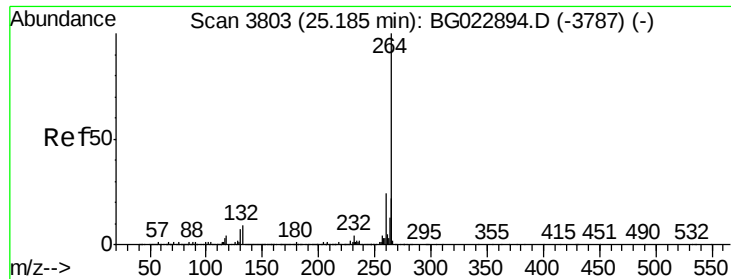


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3815

Delta R.T. 0.07 min

Lab File: BG023016.D

Acq: 12 Jul 2016 1:18

Instrument :

BNA_G

ClientSampleId :

S22-0008

Tot Ion:264 Resp: 998287

Ion	Ratio	Lower	Upper
264	100		
260	26.0	18.4	27.6
265	21.5	18.9	28.3

