

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071416\
 Data File : BG023105.D
 Acq On : 14 Jul 2016 17:32
 Operator : UM/SJ
 Sample : H3996-25
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D8-B1(5-11)C

Quant Time: Jul 14 18:52:48 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

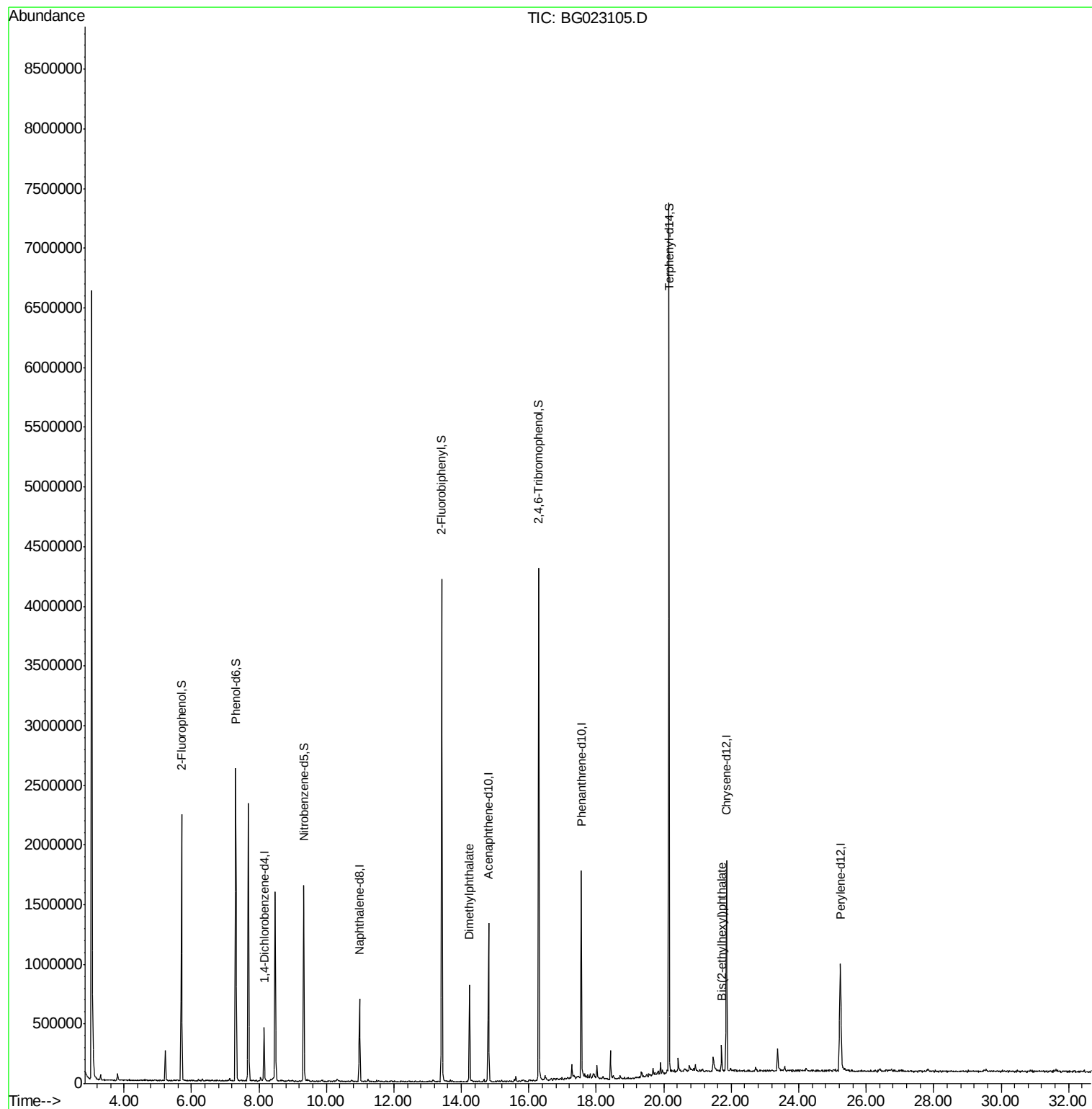
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	114416	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	562457	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	455004	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1034696	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1110092	20.00	ng	0.01
86) Perylene-d12	25.23	264	1122366	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	875469	125.14	ng	0.00
7) Phenol-d6	7.31	99	1464486	133.66	ng	0.00
23) Nitrobenzene-d5	9.33	82	1055717	80.37	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	800023	97.83	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2064897	71.48	ng	0.00
78) Terphenyl-d14	20.16	244	2619209	69.90	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.24	163	504948	13.59	ng	99
83) Bis(2-ethylhexyl)phthalate	21.72	149	92673	2.70	ng	98

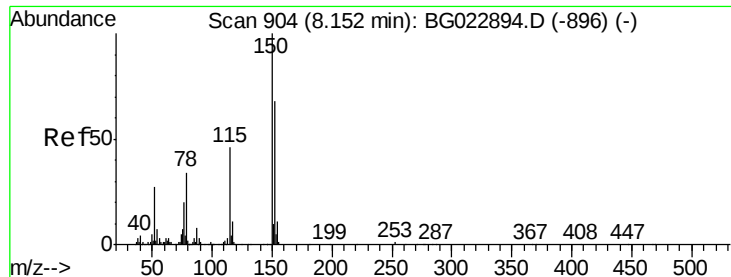
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 12 18:30:58 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.01 min

Lab File: BG023105.D

Acq: 14 Jul 2016 17:32

Instrument :

BNA_G

ClientSampleId :

D8-B1(5-11)C

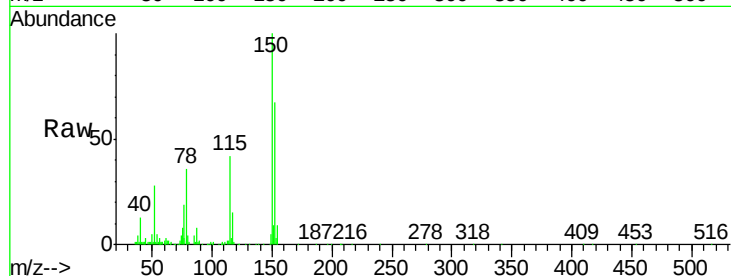
Tot Ion:152 Resp: 114416

Ion Ratio Lower Upper

152 100

150 149.4 144.7 217.1

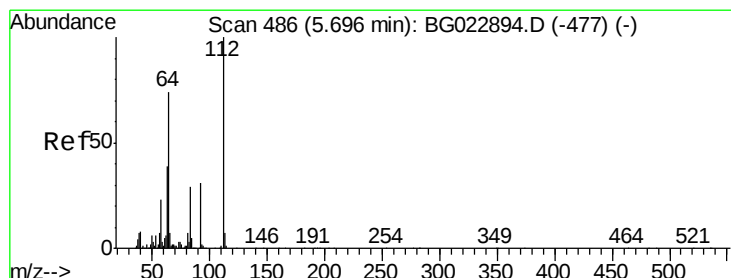
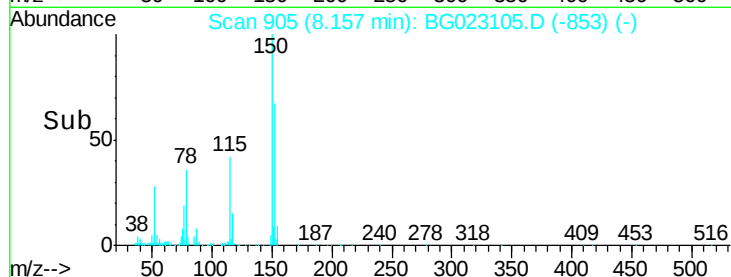
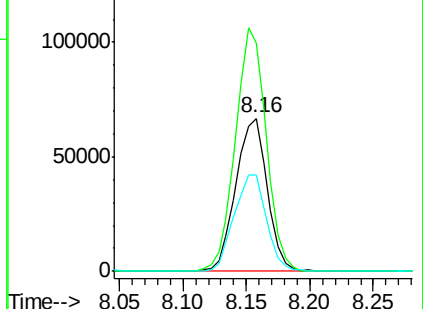
115 63.5 64.0 96.0#



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: 125.14 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.01 min

Lab File: BG023105.D

Acq: 14 Jul 2016 17:32

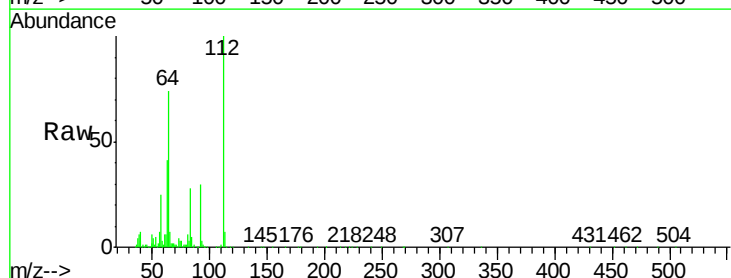
Tgt Ion:112 Resp: 875469

Ion Ratio Lower Upper

112 100

64 73.6 59.0 88.4

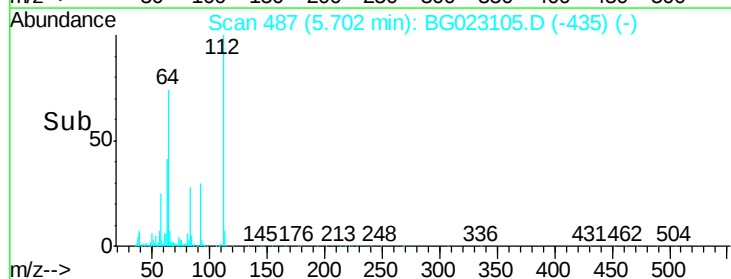
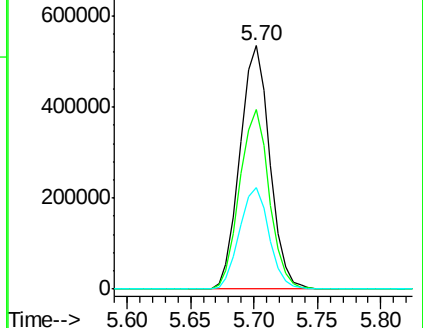
63 41.4 37.8 56.8

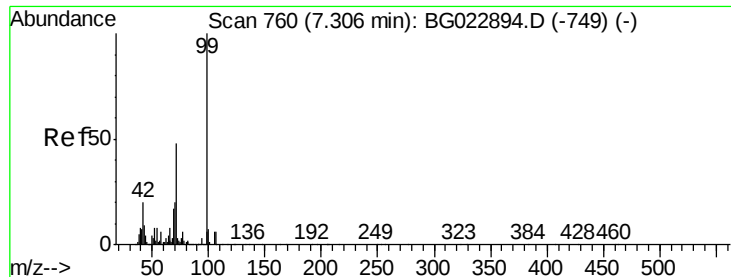


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 133.66 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG023105.D

Acq: 14 Jul 2016 17:32

Instrument :

BNA_G

ClientSampleId :

D8-B1(5-11)C

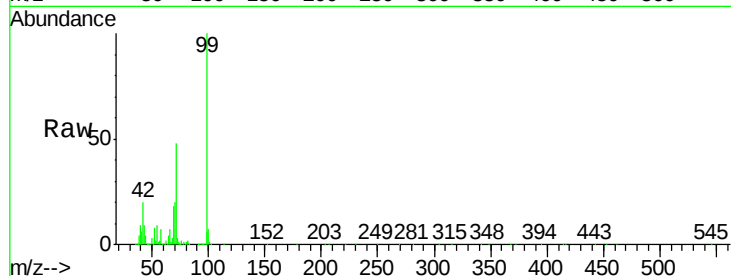
Tot Ion: 99 Resp: 1464486

Ion Ratio Lower Upper

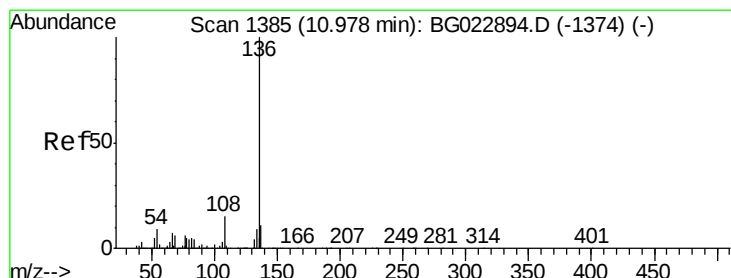
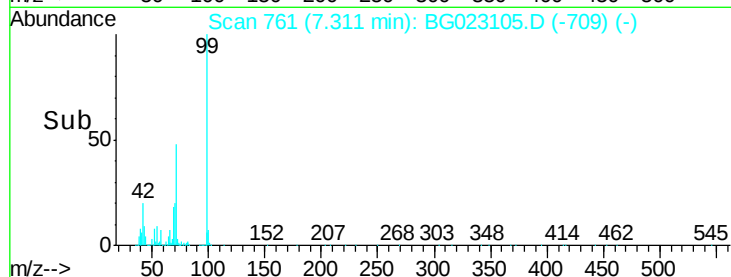
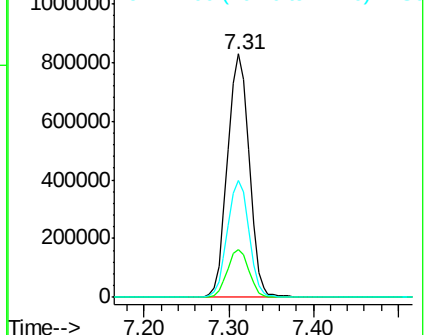
99 100

42 19.9 17.8 26.6

71 47.9 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. 0.01 min

Lab File: BG023105.D

Acq: 14 Jul 2016 17:32

Tgt Ion: 136 Resp: 562457

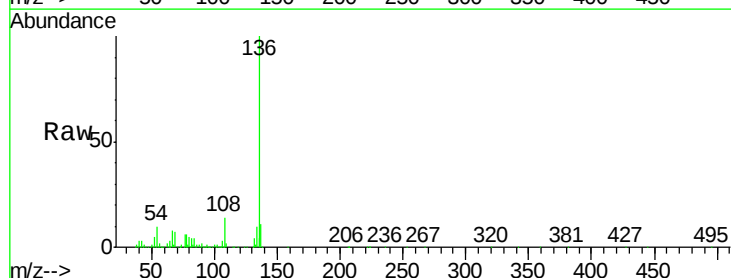
Ion Ratio Lower Upper

136 100

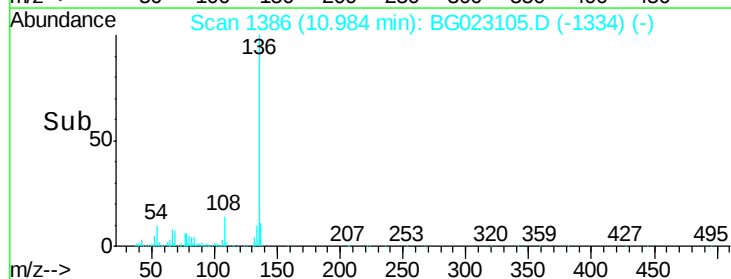
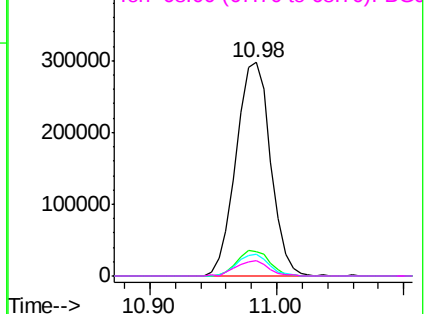
137 11.3 9.6 14.4

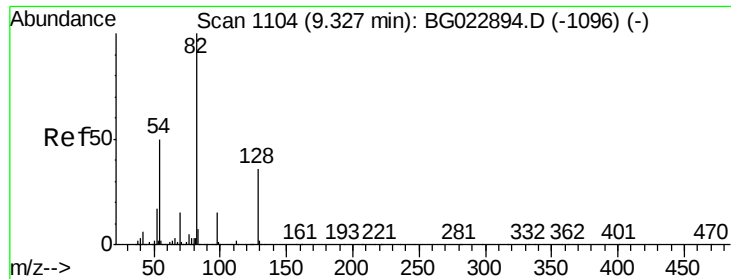
54 10.0 7.3 10.9

68 7.0 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

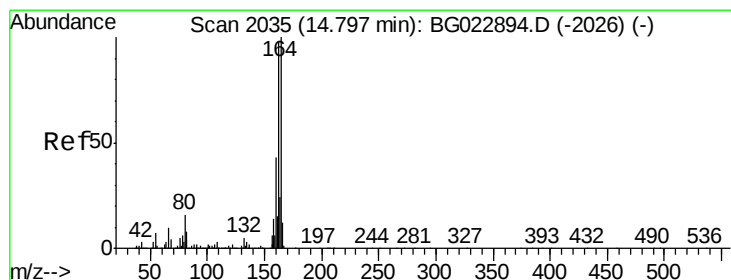
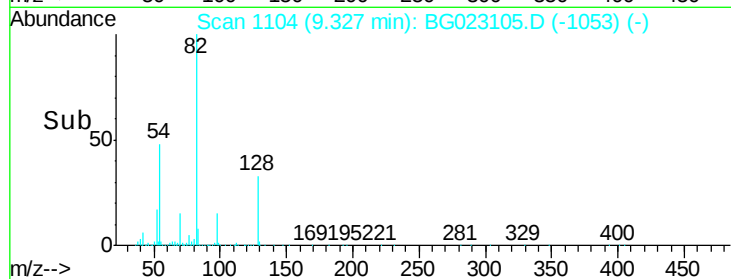
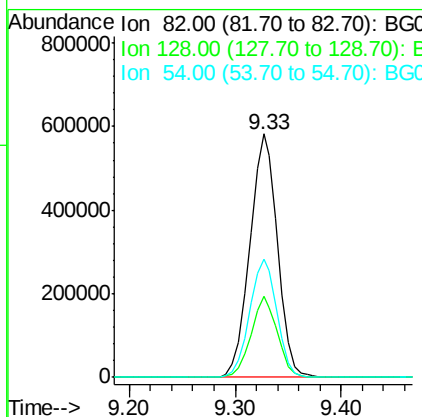
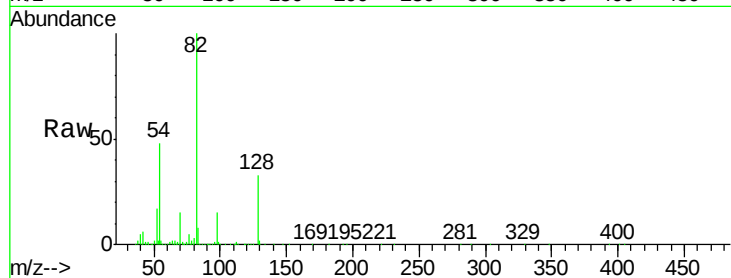




#23
 Nitrobenzene-d5
 Concen: 80.37 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023105.D
 Acq: 14 Jul 2016 17:32

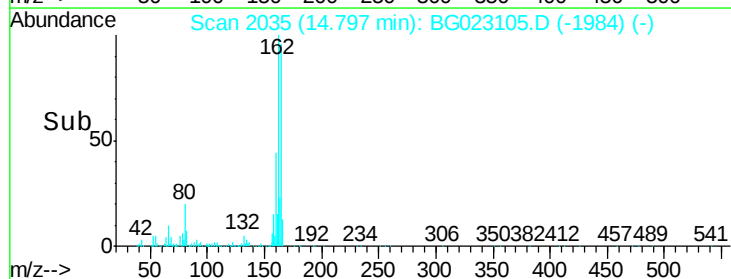
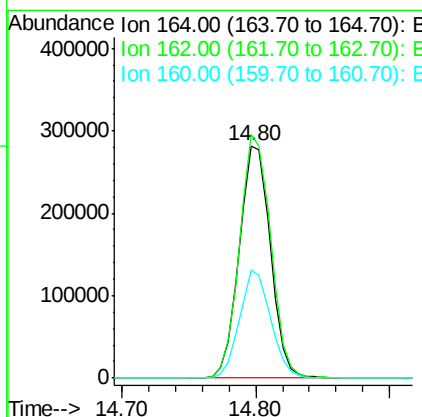
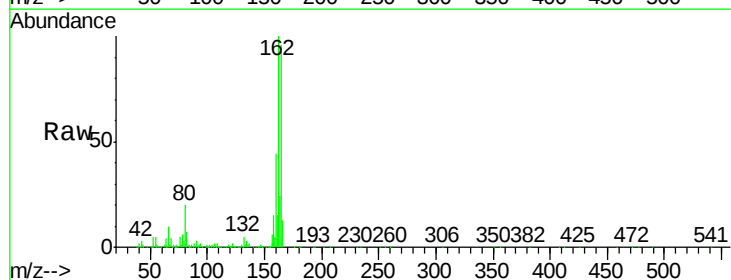
Instrument :
 BNA_G
 ClientSampleId :
 D8-B1(5-11)C

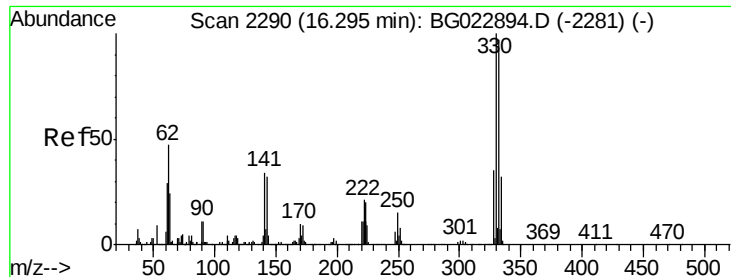
Tot Ion	82	Resp	1055717
Ion	Ratio	Lower	Upper
82	100		
128	33.2	24.4	36.6
54	48.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG023105.D
 Acq: 14 Jul 2016 17:32

Tgt Ion	164	Resp	455004
Ion	Ratio	Lower	Upper
164	100		
162	104.6	87.7	131.5
160	46.4	37.2	55.8

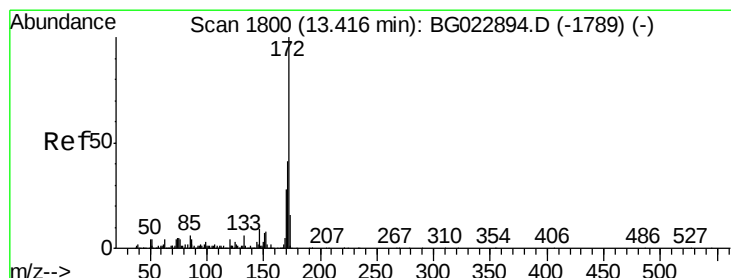
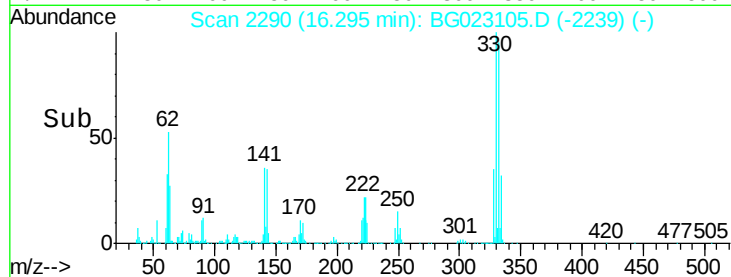
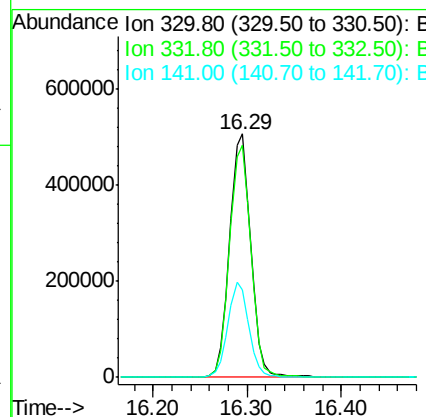
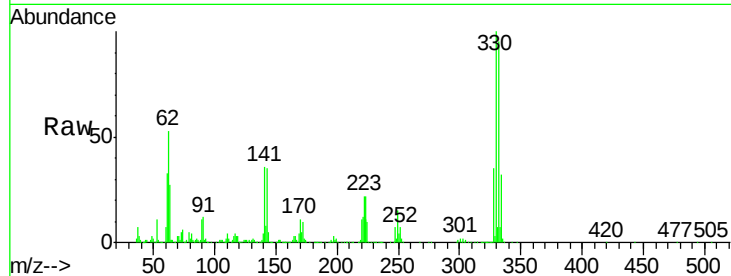




#41
 2,4,6-Tribromophenol
 Concen: 97.83 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023105.D
 Acq: 14 Jul 2016 17:32

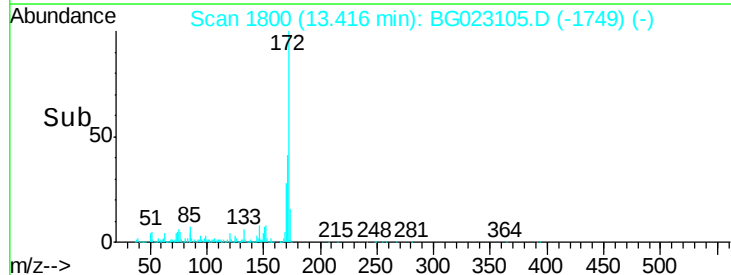
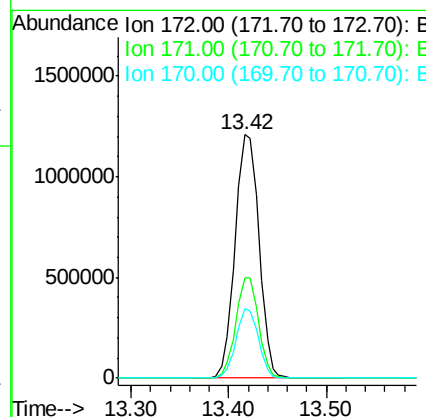
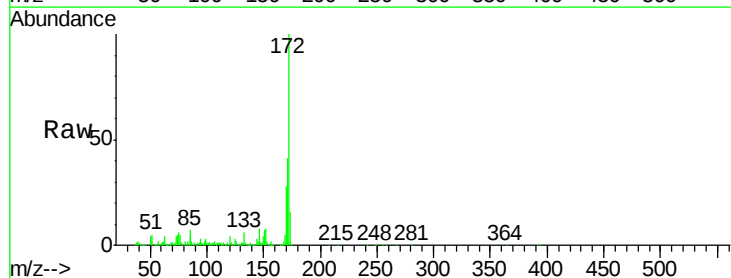
Instrument :
 BNA_G
 ClientSampleId :
 D8-B1(5-11)C

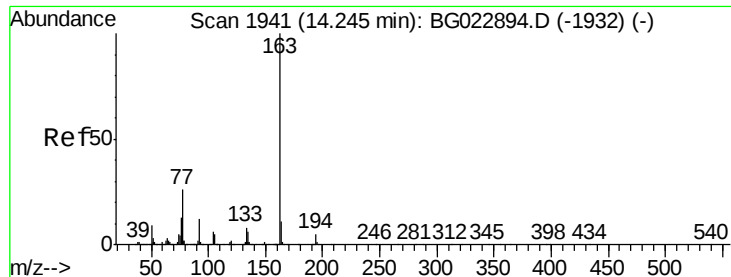
Tot Ion:330 Resp: 800023
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 38.5 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 71.48 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG023105.D
 Acq: 14 Jul 2016 17:32

Tgt Ion:172 Resp: 2064897
 Ion Ratio Lower Upper
 172 100
 171 41.2 31.6 47.4
 170 28.4 21.3 31.9





#49

Dimethylphthalate

Concen: 13.59 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG023105.D

Acq: 14 Jul 2016 17:32

Instrument :

BNA_G

ClientSampleId :

D8-B1(5-11)C

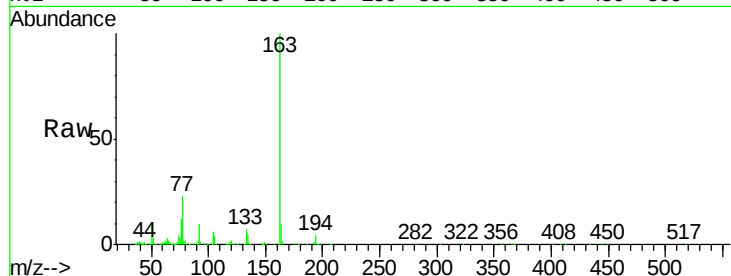
Tot Ion:163 Resp: 504948

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

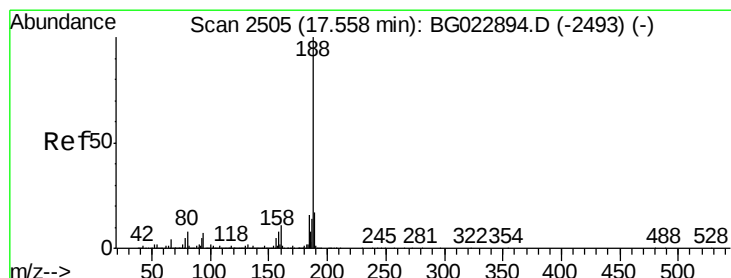
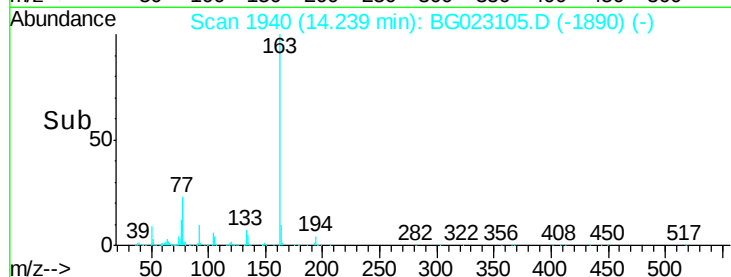
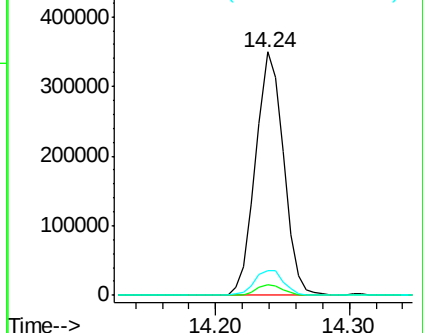
164 10.4 8.1 12.1



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: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG023105.D

Acq: 14 Jul 2016 17:32

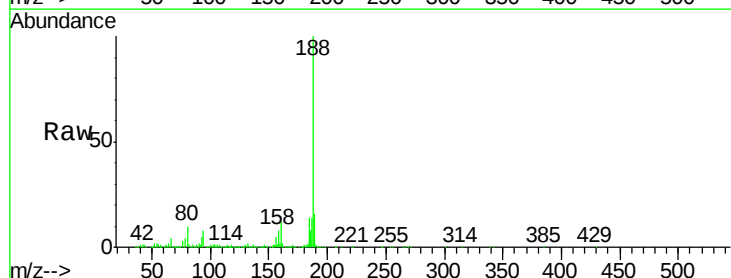
Tgt Ion:188 Resp: 1034696

Ion Ratio Lower Upper

188 100

94 8.2 5.2 7.8#

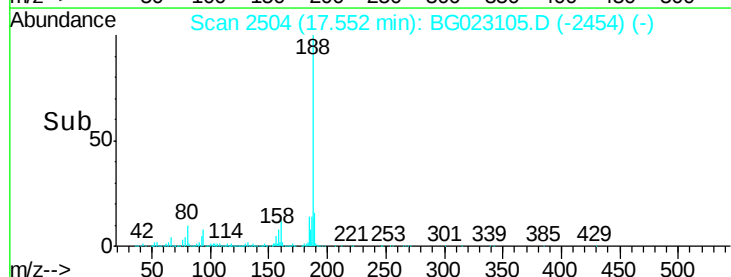
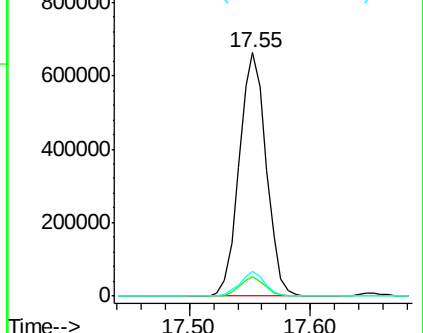
80 10.2 7.2 10.8

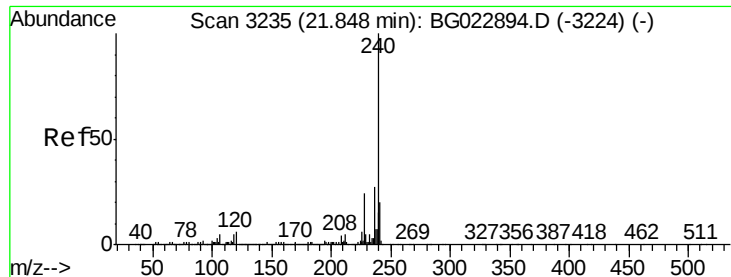


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.86 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG023105.D

Acq: 14 Jul 2016 17:32

Instrument :

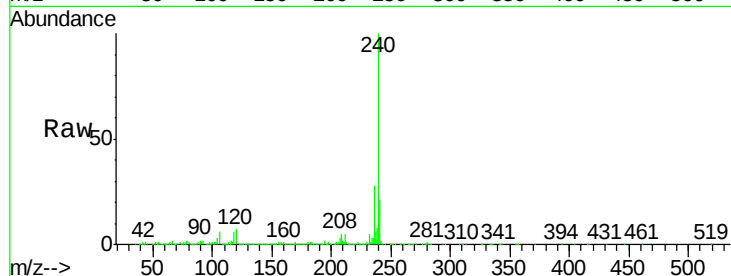
BNA_G

ClientSampleId :

D8-B1(5-11)C

Tot Ion:240 Resp: 1110092

Ion	Ratio	Lower	Upper
240	100		
120	6.8	4.1	6.1#
236	27.7	21.1	31.7

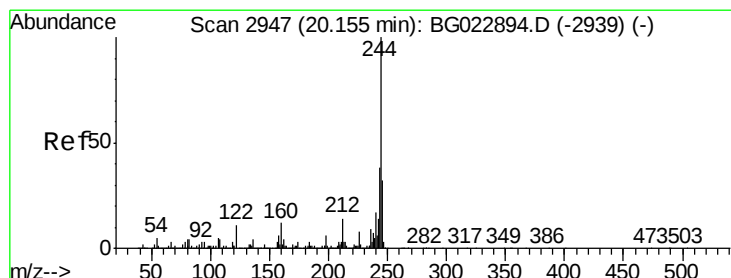
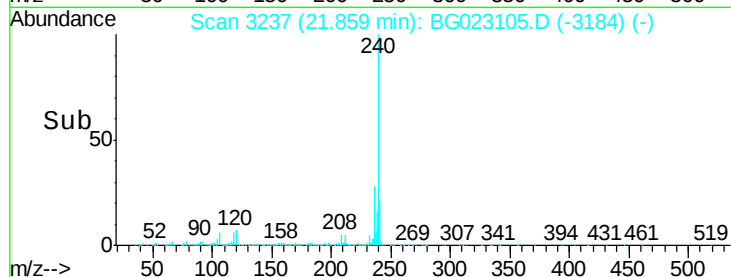


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



#78

Terphenyl-d14

Concen: 69.90 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

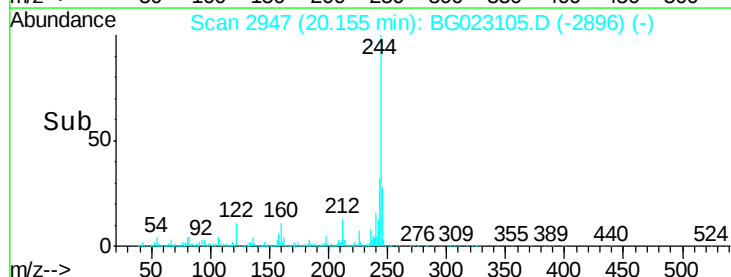
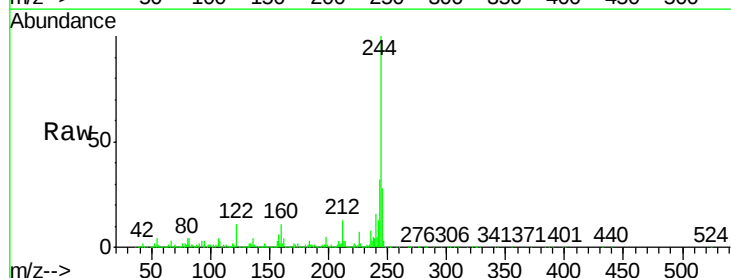
Lab File: BG023105.D

Acq: 14 Jul 2016 17:32

Tgt Ion:244 Resp: 2619209

Ion	Ratio	Lower	Upper
244	100		
212	13.3	10.8	16.2
122	10.9	8.0	12.0

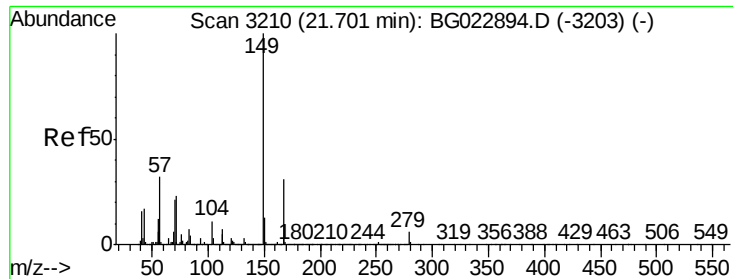
Time-->



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

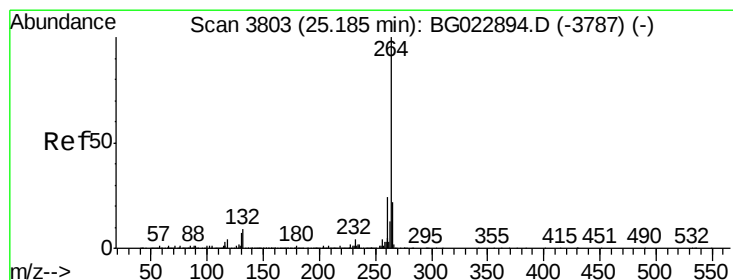
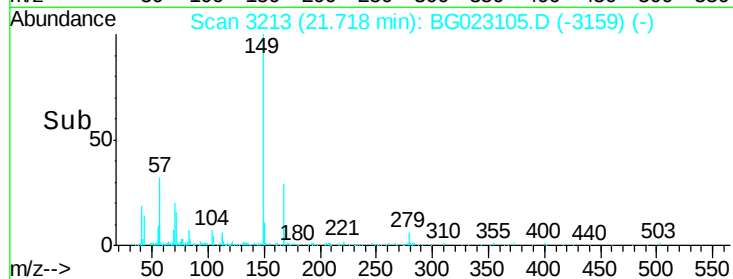
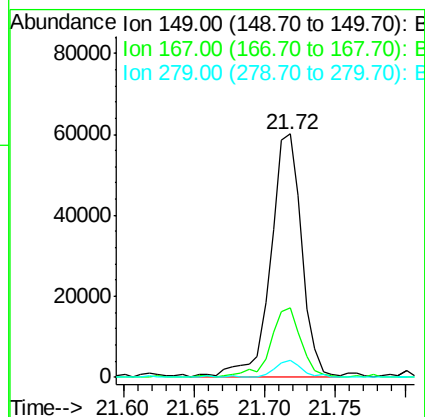
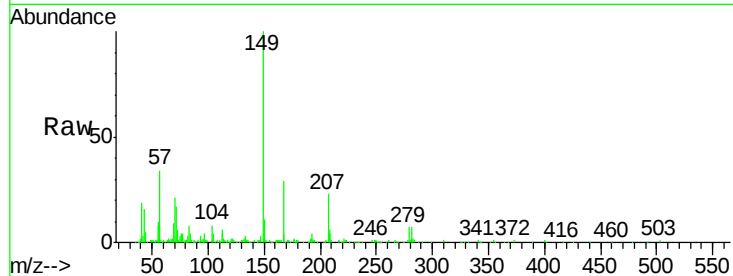
Ion 122.00 (121.70 to 122.70): E



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.70 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. 0.02 min
 Lab File: BG023105.D
 Acq: 14 Jul 2016 17:32

Instrument :
 BNA_G
 ClientSampleId :
 D8-B1(5-11)C

Tot Ion	149	Resp	92673
Ion Ratio	Lower	Upper	
149	100		
167	28.8	24.0	36.0
279	6.8	4.8	7.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.23 min Scan# 3811
 Delta R.T. 0.05 min
 Lab File: BG023105.D
 Acq: 14 Jul 2016 17:32

Tgt Ion	264	Resp	1122366
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.4	27.6
265	22.0	18.9	28.3

