

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
 Data File : BG023030.D
 Acq On : 12 Jul 2016 10:39
 Operator : UM/SJ
 Sample : H3936-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 12 15:54:12 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

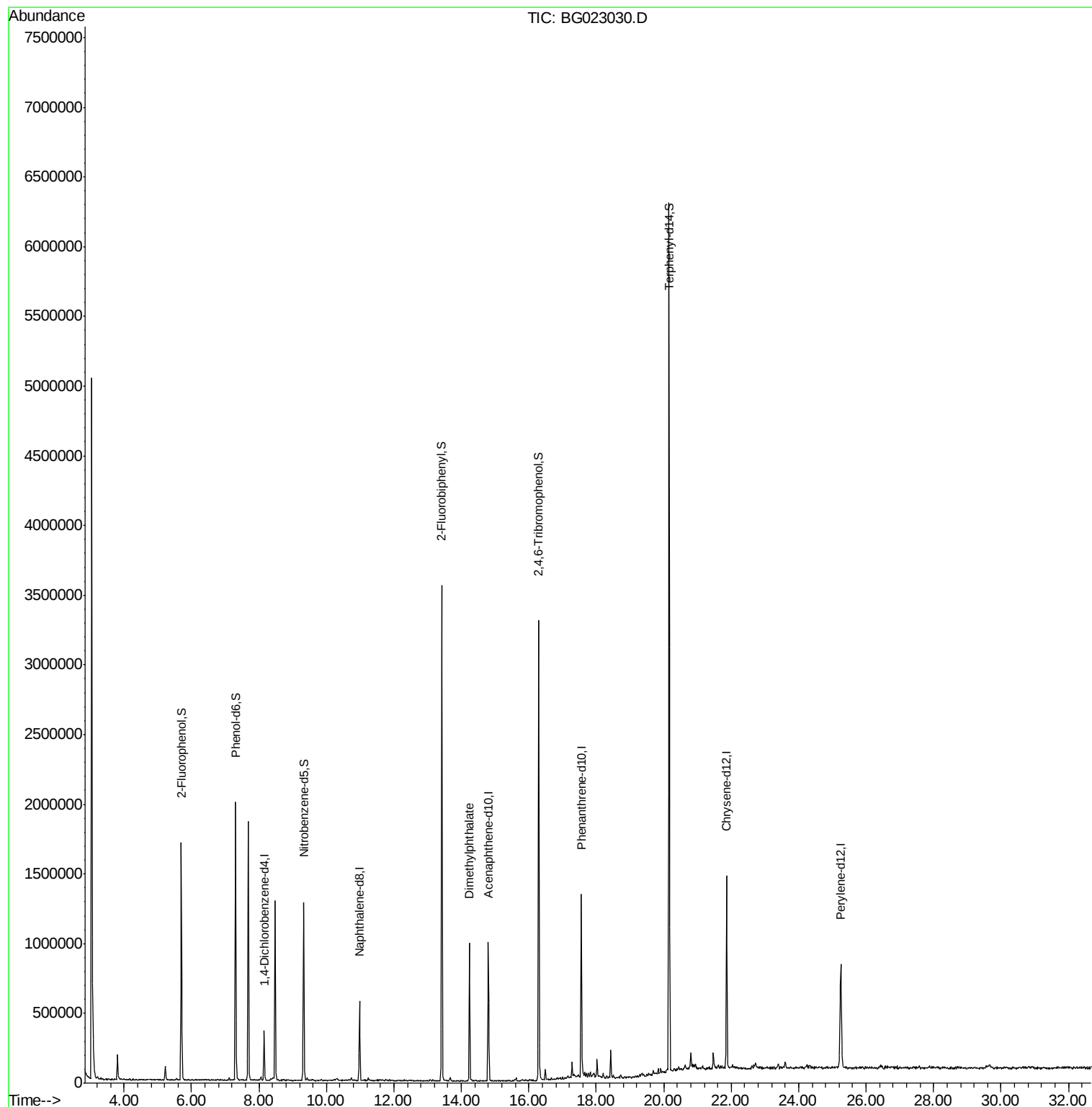
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	92300	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	434009	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	338509	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	771354	20.00	ng	0.00
75) Chrysene-d12	21.86	240	851211	20.00	ng	0.02
86) Perylene-d12	25.25	264	863411	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	706593	125.20	ng	0.00
7) Phenol-d6	7.31	99	1137015	128.63	ng	0.00
23) Nitrobenzene-d5	9.32	82	835827	82.46	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	610383	100.33	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1717975	79.94	ng	0.00
78) Terphenyl-d14	20.16	244	2356497	89.65	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	616319	22.29	ng	Qvalue 99

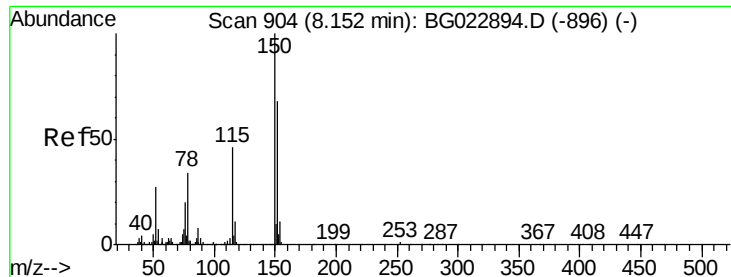
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023030.D

Acq: 12 Jul 2016 10:39

Instrument :

BNA_G

ClientSampleId :

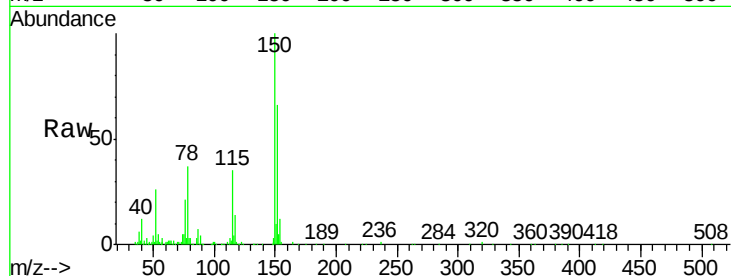
Tot Ion:152 Resp: 92300

Ion Ratio Lower Upper

152 100

150 150.8 144.7 217.1

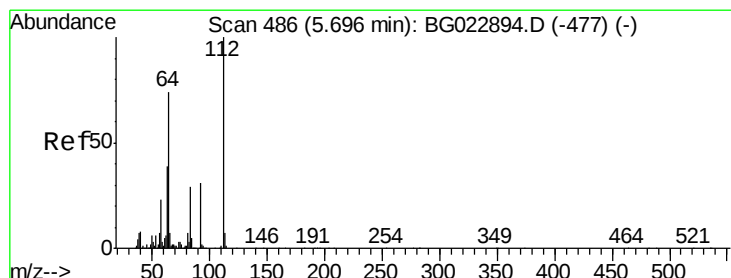
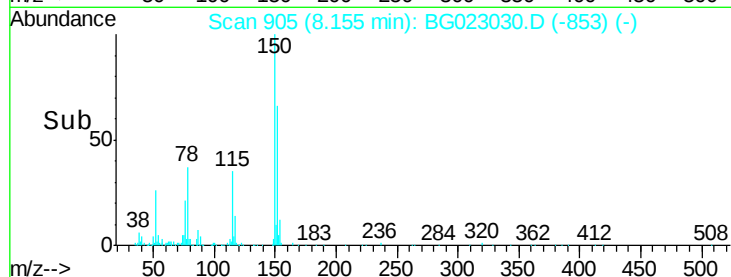
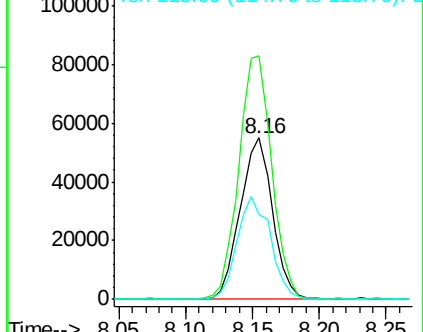
115 52.8 64.0 96.0#



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: 125.20 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023030.D

Acq: 12 Jul 2016 10:39

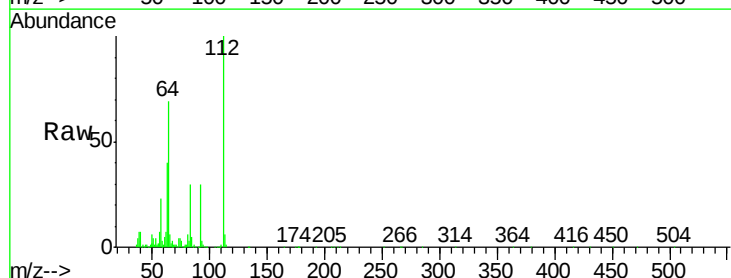
Tgt Ion:112 Resp: 706593

Ion Ratio Lower Upper

112 100

64 69.4 59.0 88.4

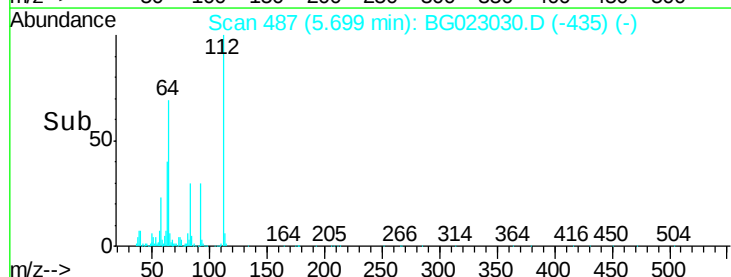
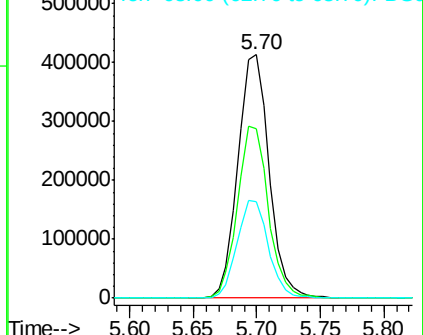
63 39.6 37.8 56.8

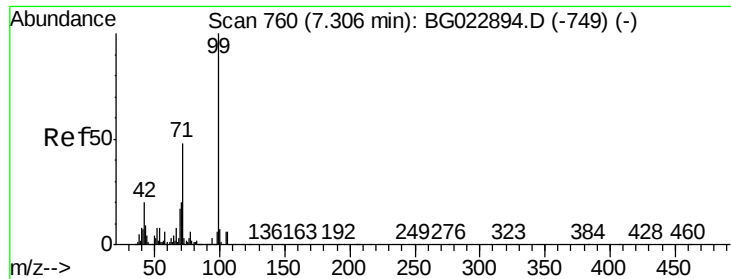


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 128.63 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023030.D

Acq: 12 Jul 2016 10:39

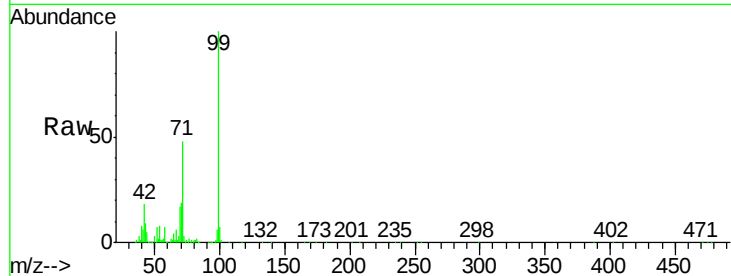
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1137015

Ion	Ratio	Lower	Upper
99	100		
42	18.2	17.8	26.6
71	47.6	41.5	62.3

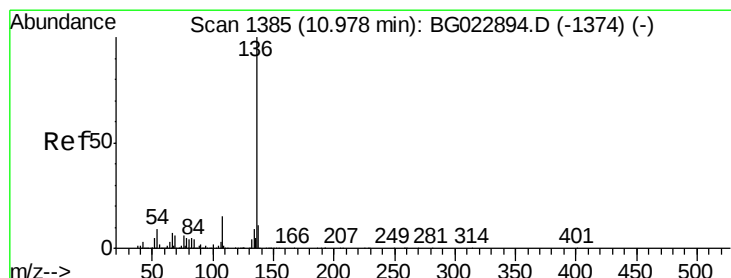
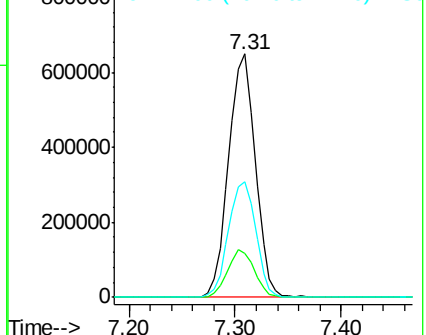
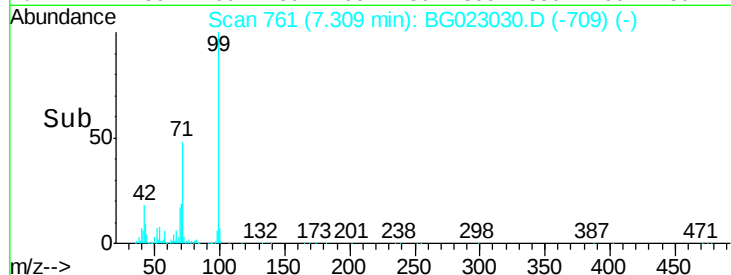


Abundance

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

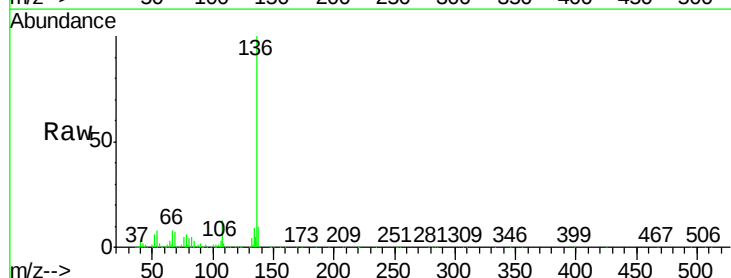
Delta R.T. 0.00 min

Lab File: BG023030.D

Acq: 12 Jul 2016 10:39

Tgt Ion: 136 Resp: 434009

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.6	14.4
54	8.4	7.3	10.9
68	6.8	5.3	7.9



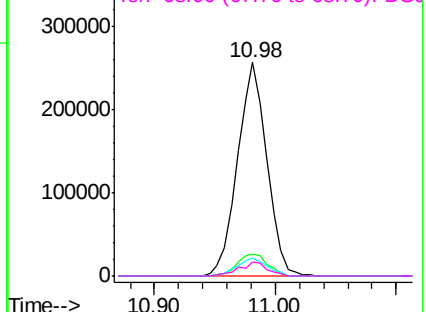
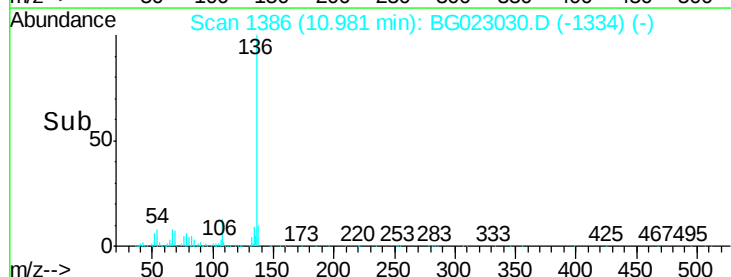
Abundance

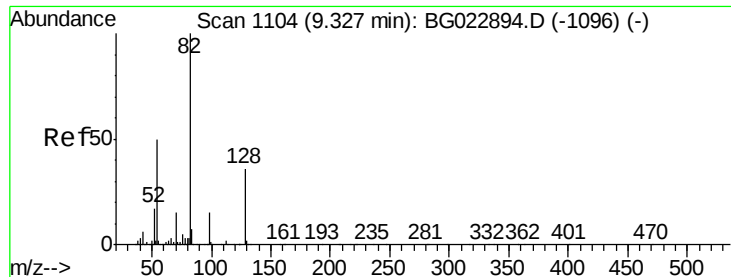
Ion 136.00 (135.70 to 136.70): BGC

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

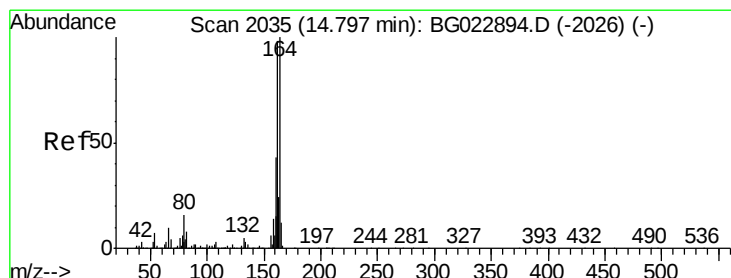
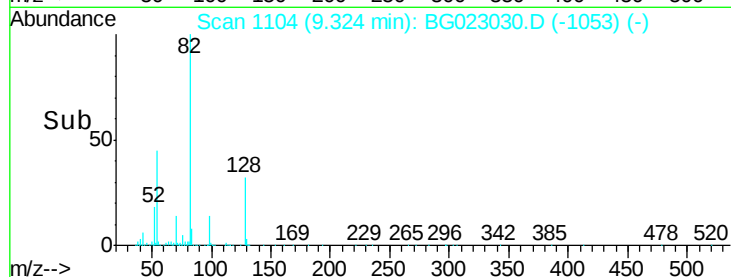
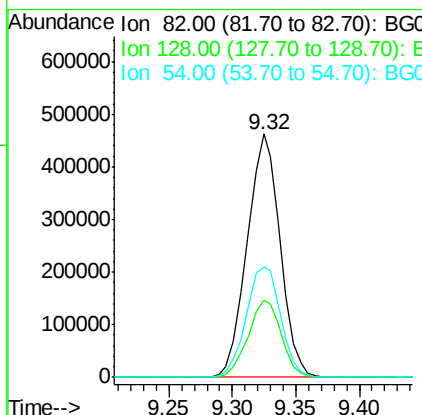
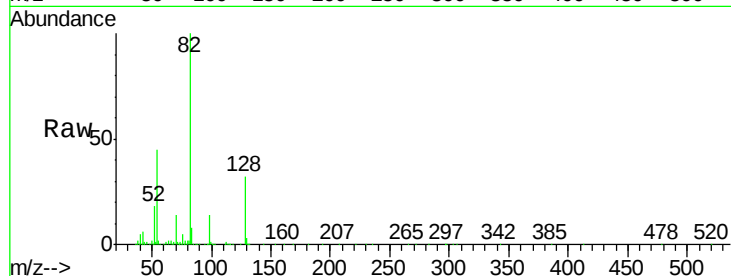




#23
 Nitrobenzene-d5
 Concen: 82.46 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023030.D
 Acq: 12 Jul 2016 10:39

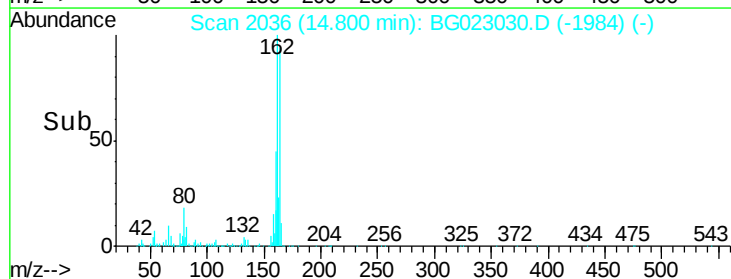
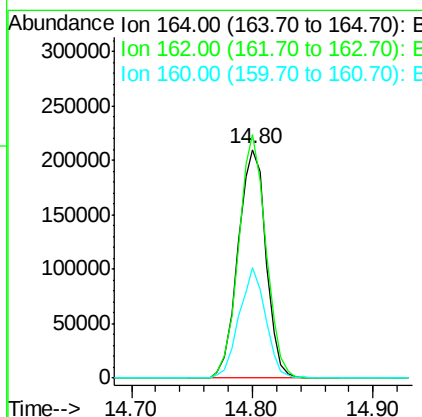
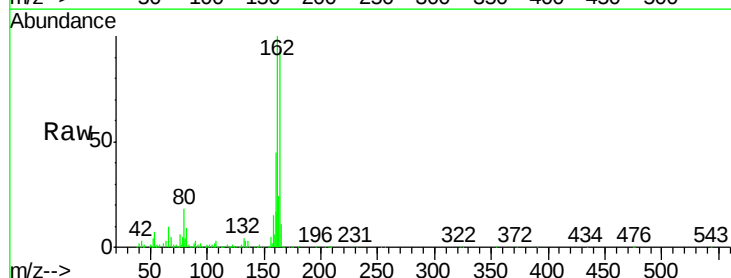
Instrument :
 BNA_G
 ClientSampleId :

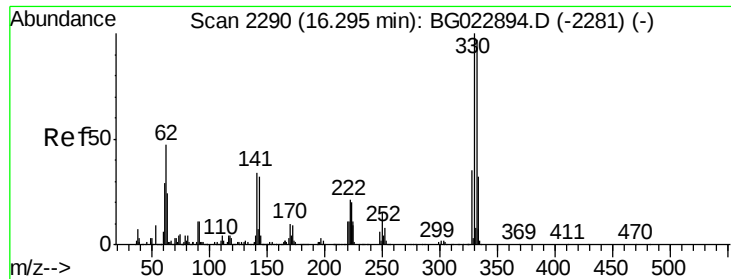
Tot Ion	82	Resp	835827
Ion Ratio	Lower	Upper	
82	100		
128	31.9	24.4	36.6
54	45.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023030.D
 Acq: 12 Jul 2016 10:39

Tgt Ion	164	Resp	338509
Ion Ratio	Lower	Upper	
164	100		
162	106.5	87.7	131.5
160	48.1	37.2	55.8

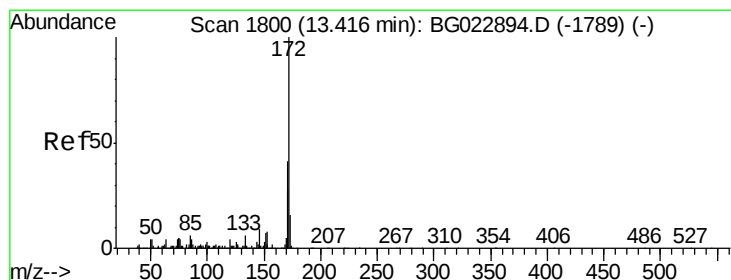
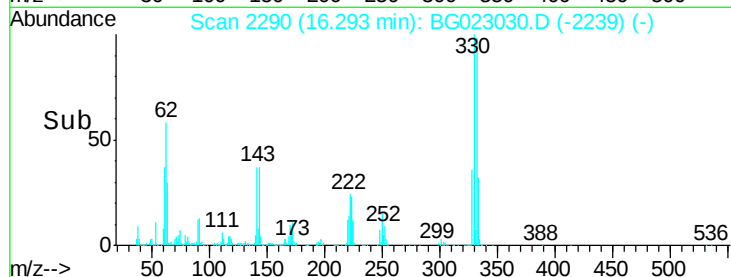
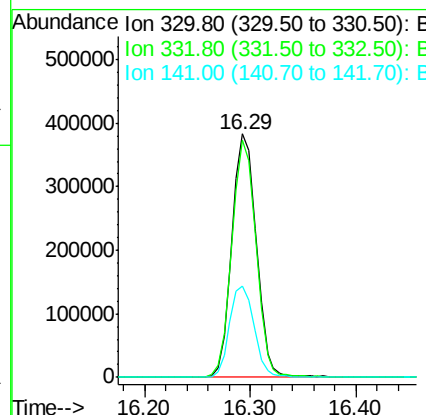
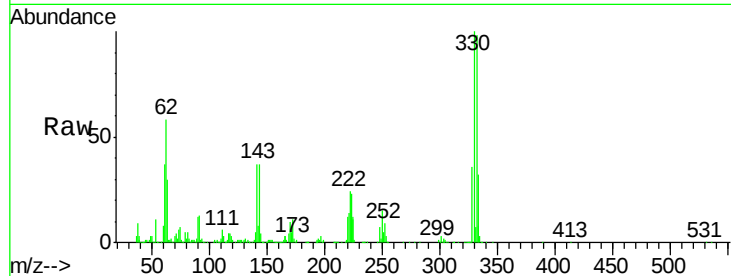




#41
 2,4,6-Tribromophenol
 Concen: 100.33 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023030.D
 Acq: 12 Jul 2016 10:39

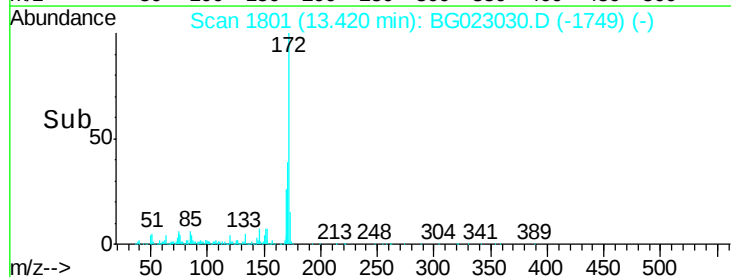
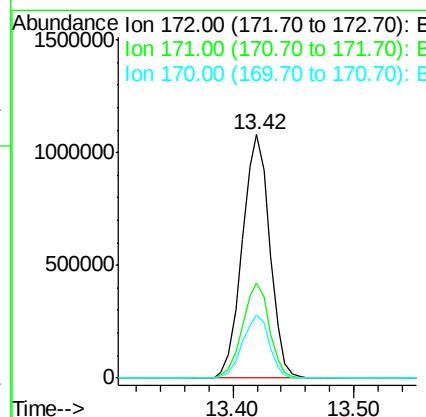
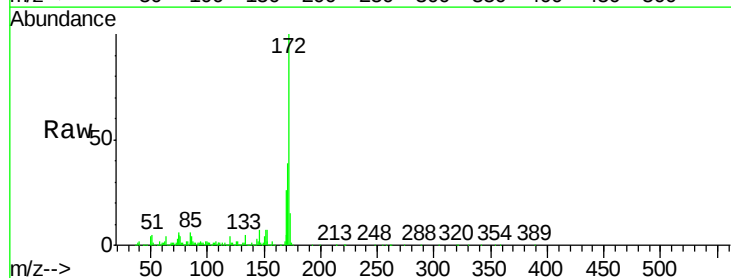
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	37.9	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 79.94 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023030.D
 Acq: 12 Jul 2016 10:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.6	47.4
170	26.0	21.3	31.9





#49

Dimethylphthalate

Concen: 22.29 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023030.D

Acq: 12 Jul 2016 10:39

Instrument :

BNA_G

ClientSampled :

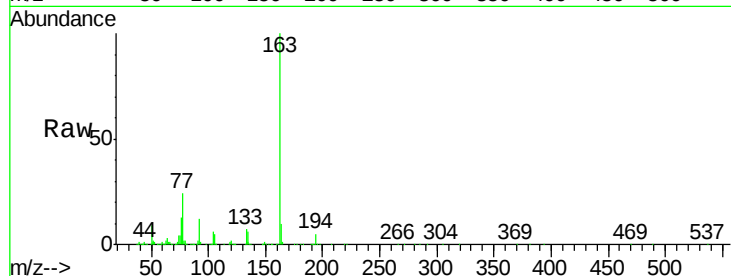
Tot Ion:163 Resp: 616319

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

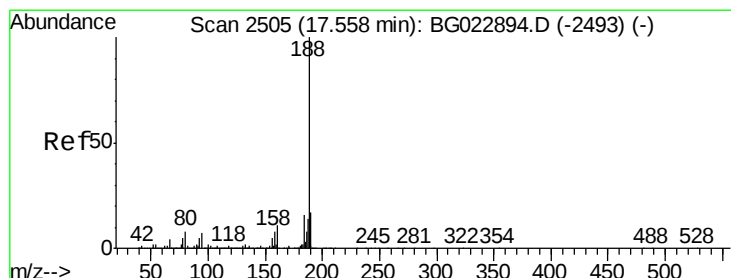
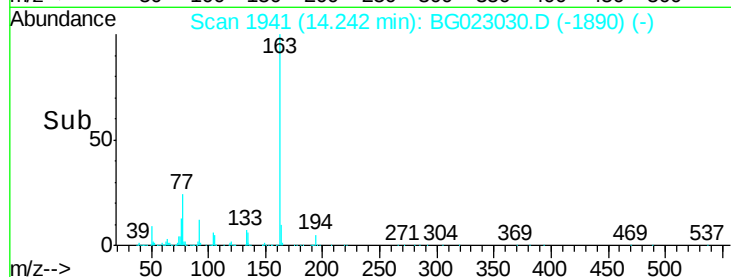
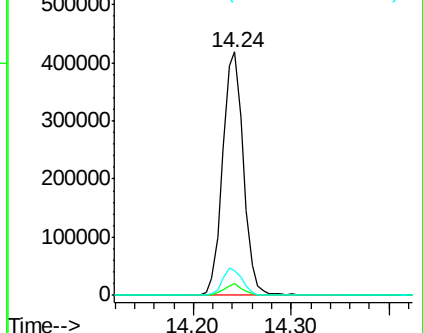
164 10.3 8.1 12.1



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: BG023030.D

Acq: 12 Jul 2016 10:39

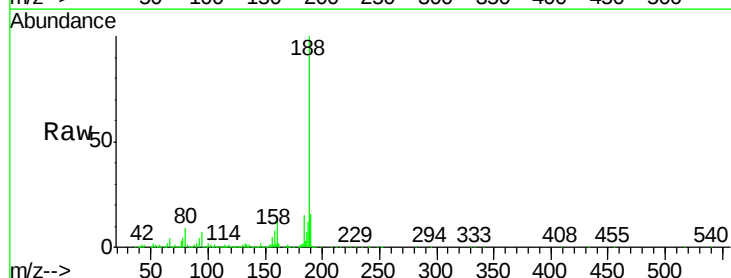
Tgt Ion:188 Resp: 771354

Ion Ratio Lower Upper

188 100

94 6.8 5.2 7.8

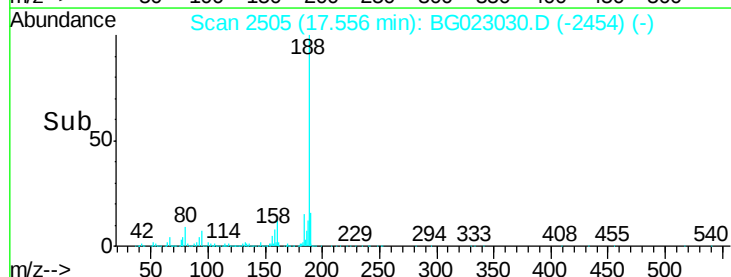
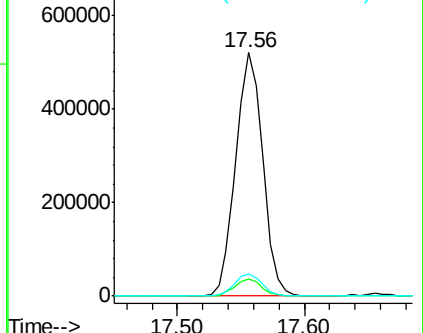
80 8.9 7.2 10.8

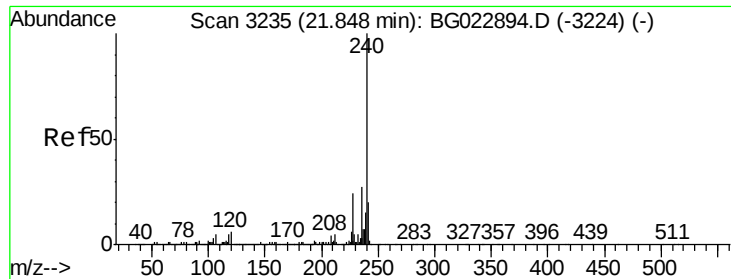


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

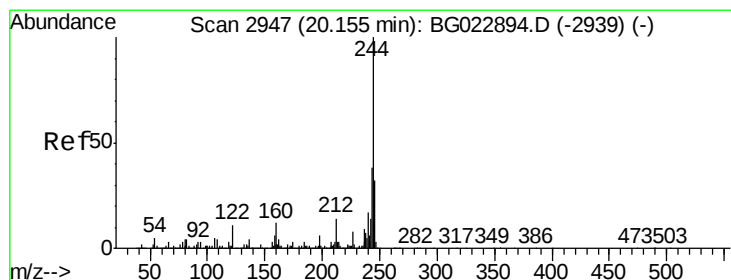
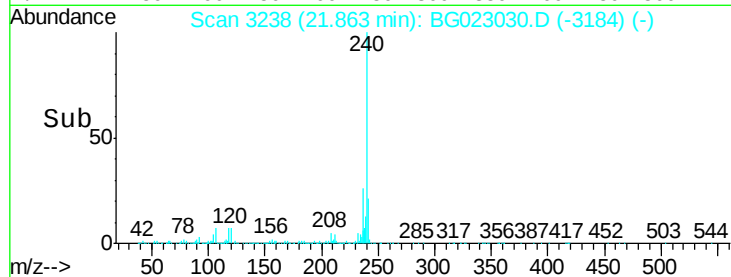
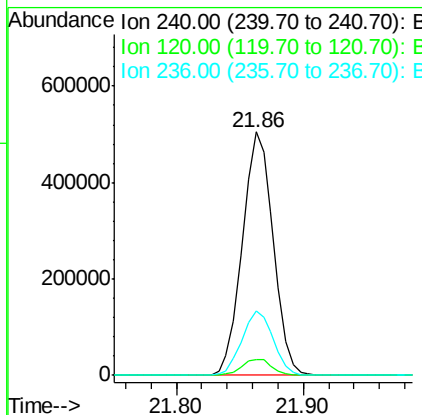
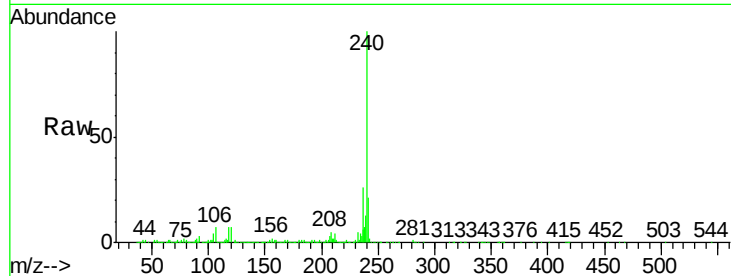




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. 0.02 min
 Lab File: BG023030.D
 Acq: 12 Jul 2016 10:39

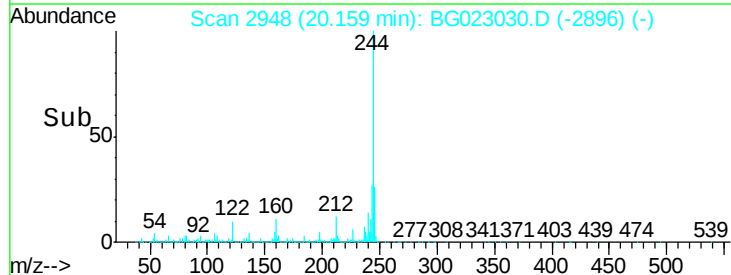
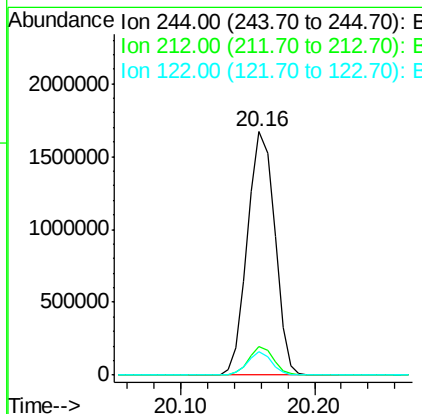
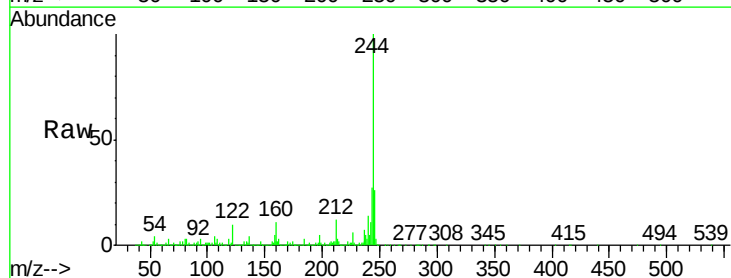
Instrument :
 BNA_G
 ClientSampleId :

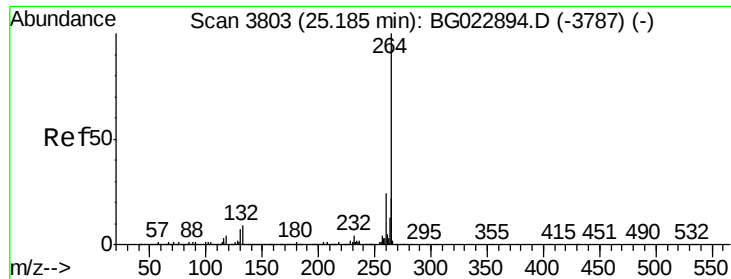
Tot Ion:240 Resp: 851211
 Ion Ratio Lower Upper
 240 100
 120 6.7 4.1 6.1#
 236 26.4 21.1 31.7



#78
 Terphenyl-d14
 Concen: 89.65 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. 0.00 min
 Lab File: BG023030.D
 Acq: 12 Jul 2016 10:39

Tgt Ion:244 Resp: 2356497
 Ion Ratio Lower Upper
 244 100
 212 11.9 10.8 16.2
 122 9.6 8.0 12.0

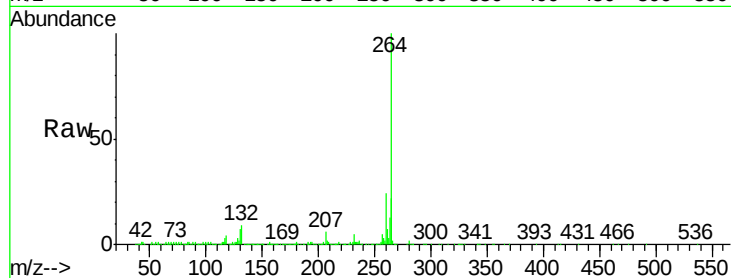




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.25 min Scan# 3814
 Delta R.T. 0.06 min
 Lab File: BG023030.D
 Acq: 12 Jul 2016 10:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	21.5	18.9	28.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

