

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023066.D
 Acq On : 13 Jul 2016 11:27
 Operator : UM/SJ
 Sample : H3936-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-6(11-12)

Quant Time: Jul 13 13:51:08 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

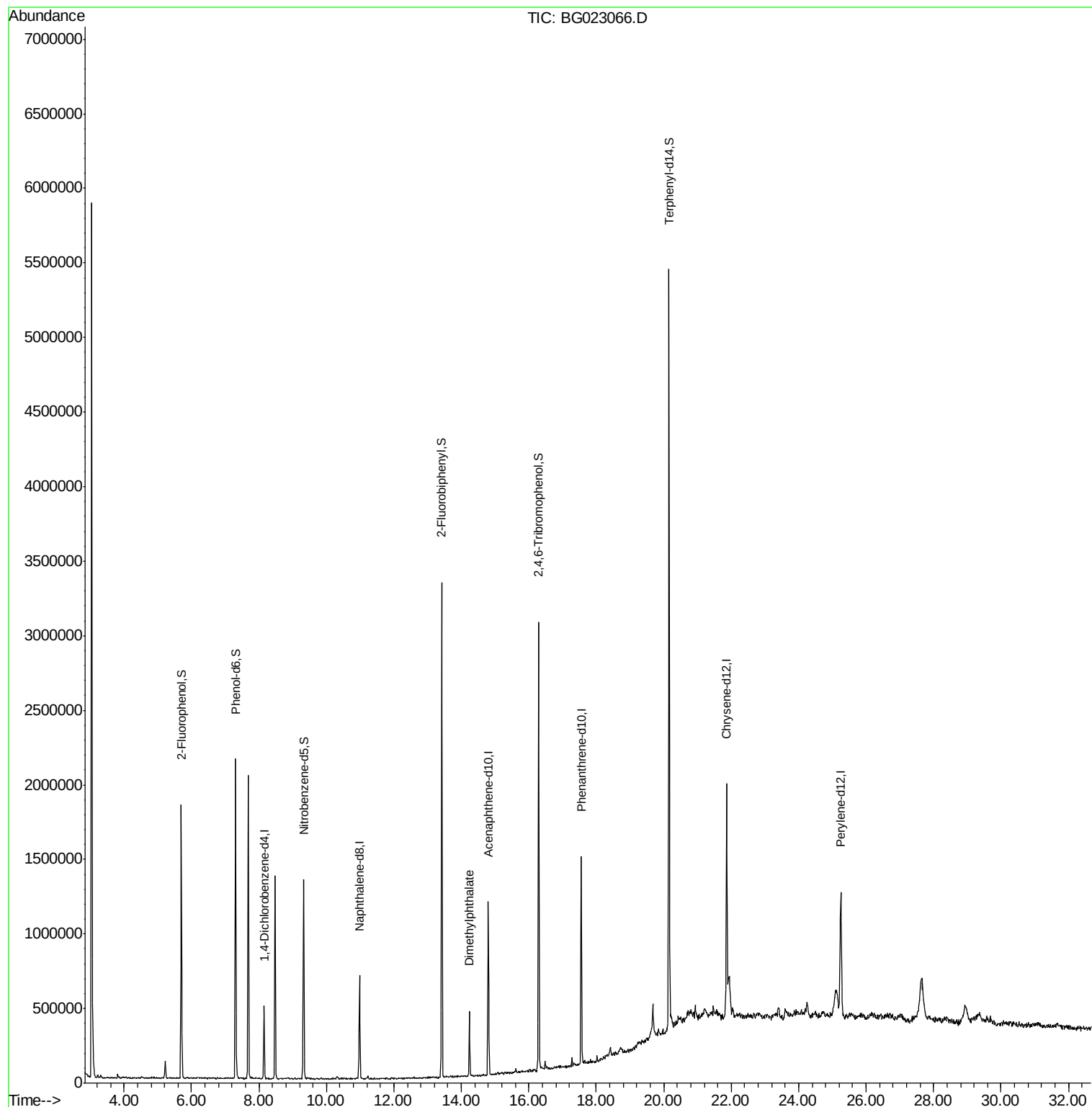
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	127673	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	561873	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	405165	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	862164	20.00	ng	0.00
75) Chrysene-d12	21.86	240	914239	20.00	ng	0.02
86) Perylene-d12	25.25	264	940516	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	750409	96.13	ng	0.00
7) Phenol-d6	7.31	99	1212598	99.18	ng	0.00
23) Nitrobenzene-d5	9.33	82	855104	65.17	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	541725	74.39	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1614717	62.77	ng	0.00
78) Terphenyl-d14	20.16	244	1961967	60.97	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.24	163	271906	8.22	ng	98

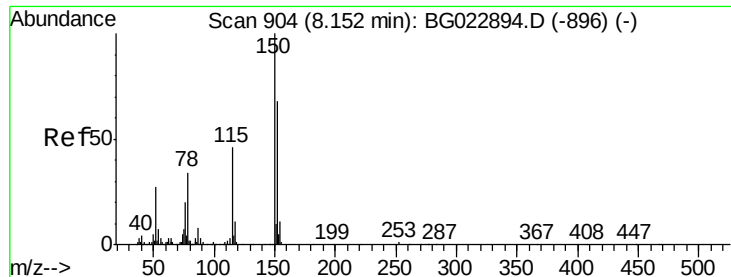
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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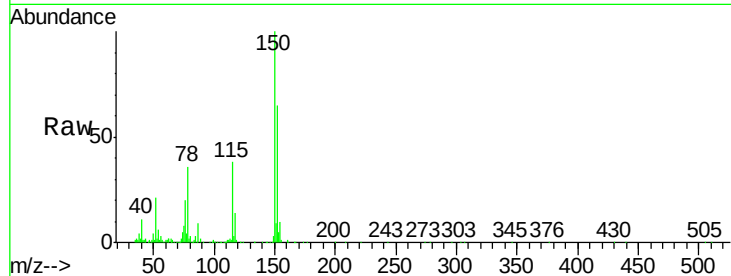


#1

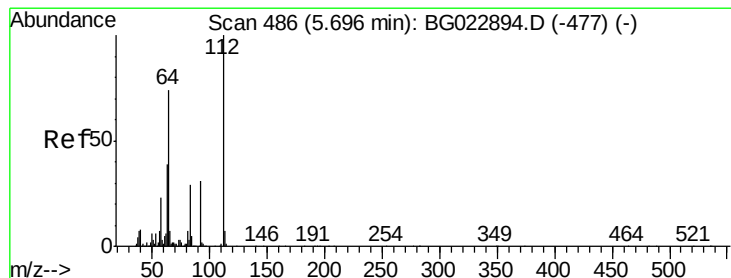
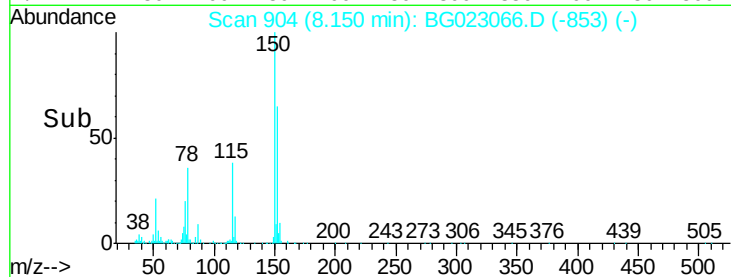
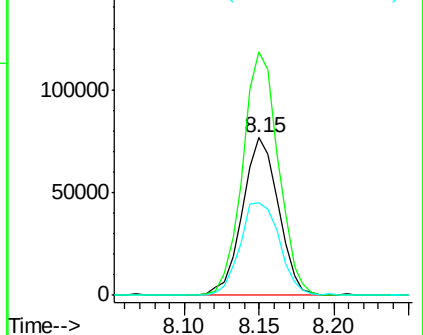
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023066.D
Acq: 13 Jul 2016 11:27

Instrument :
BNA_G
ClientSampleId :
SB-6(11-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	144.7	217.1
115	59.0	64.0	96.0



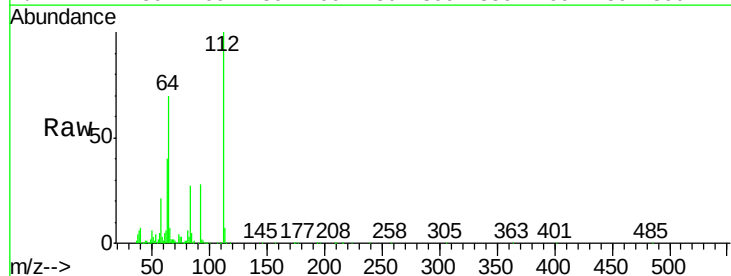
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



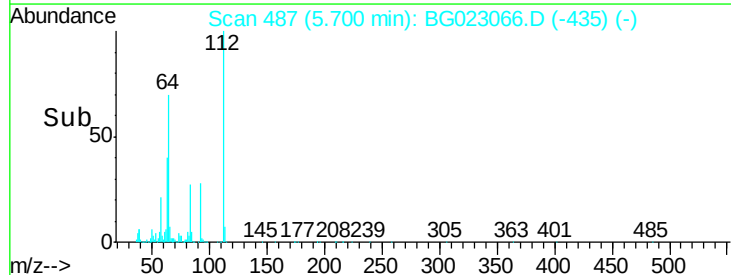
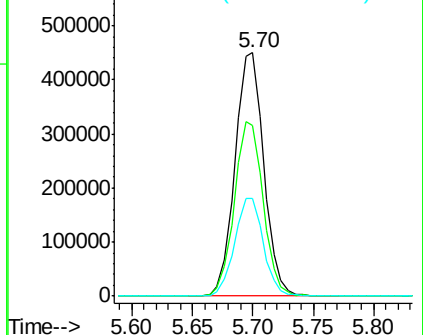
#5

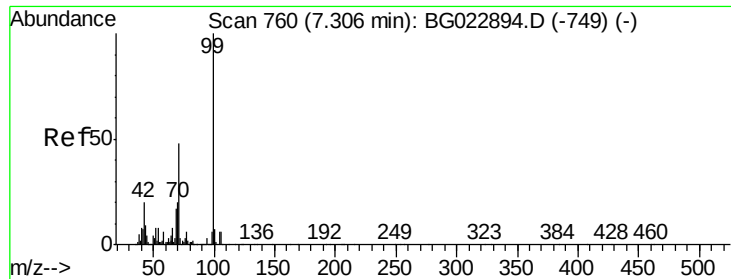
2-Fluorophenol
Concen: 96.13 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023066.D
Acq: 13 Jul 2016 11:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	59.0	88.4
63	40.0	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: 99.18 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023066.D

Acq: 13 Jul 2016 11:27

Instrument :

BNA_G

ClientSampleId :

SB-6(11-12)

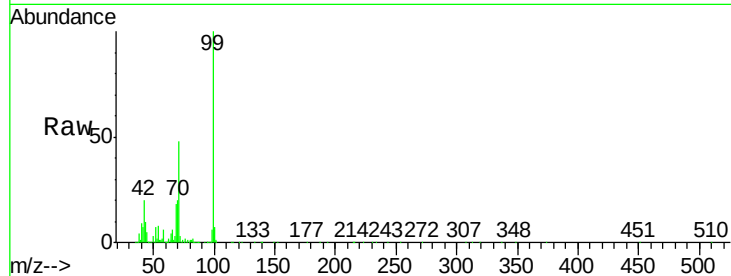
Tot Ion: 99 Resp: 1212598

Ion Ratio Lower Upper

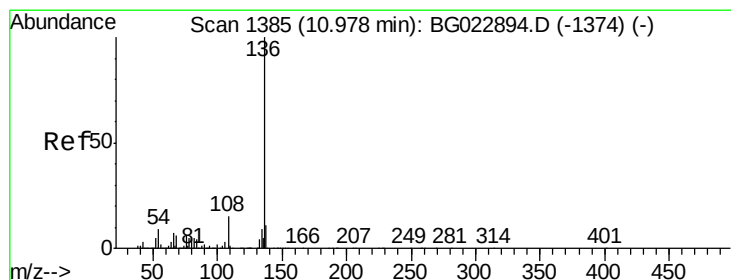
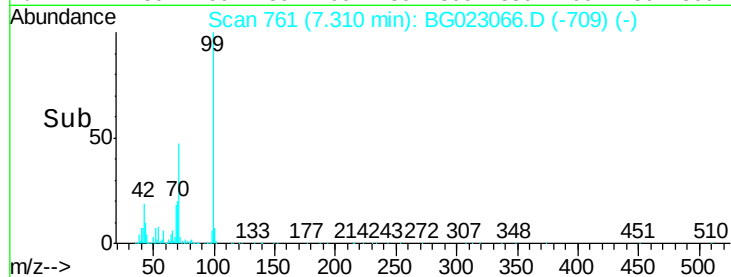
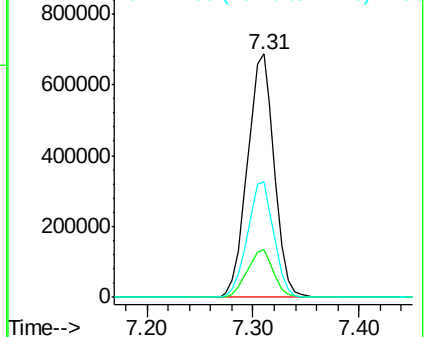
99 100

42 19.5 17.8 26.6

71 47.5 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: BG023066.D

Acq: 13 Jul 2016 11:27

Tgt Ion: 136 Resp: 561873

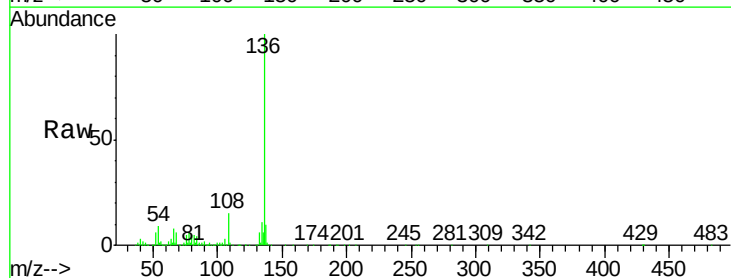
Ion Ratio Lower Upper

136 100

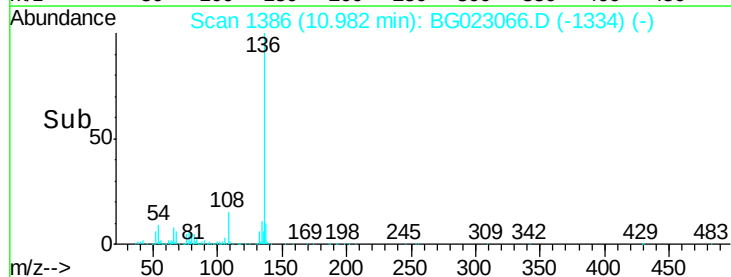
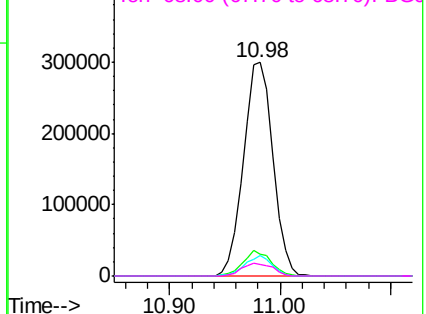
137 10.1 9.6 14.4

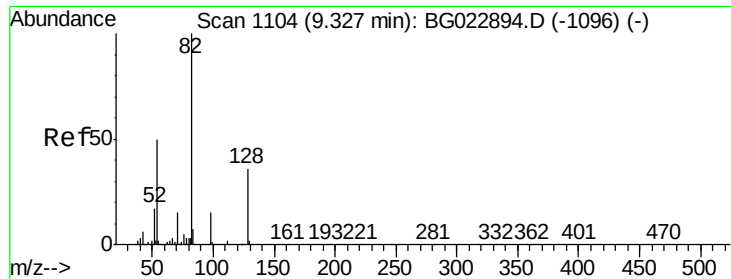
54 9.4 7.3 10.9

68 5.7 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

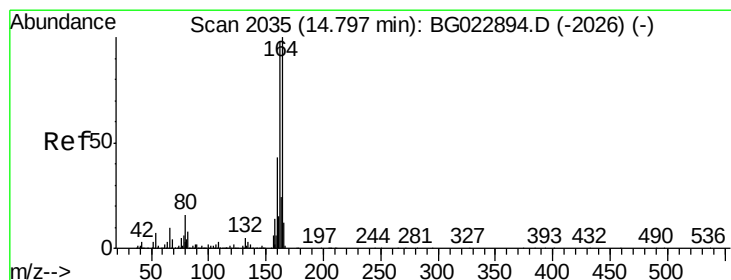
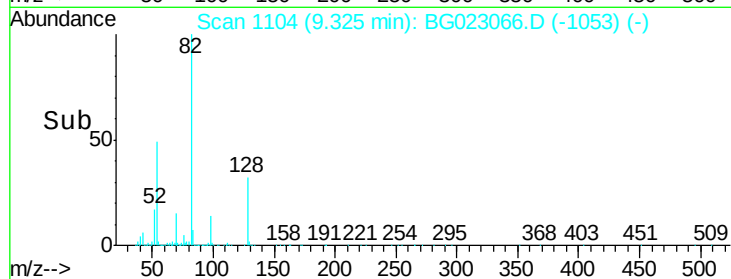
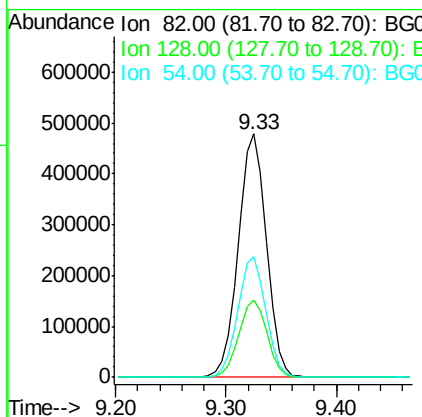
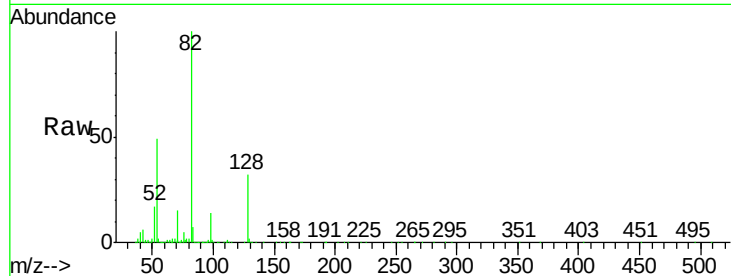




#23
 Nitrobenzene-d5
 Concen: 65.17 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023066.D
 Acq: 13 Jul 2016 11:27

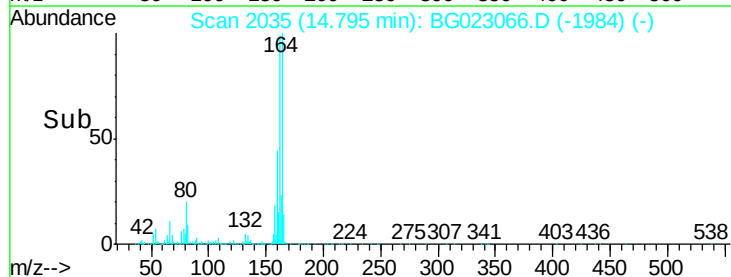
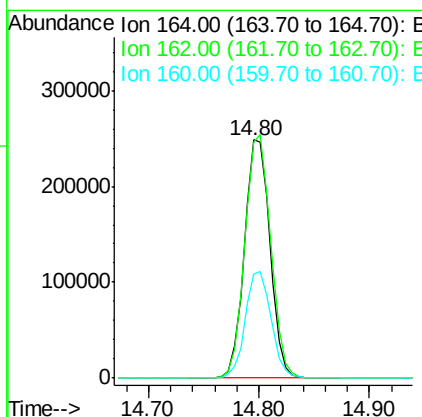
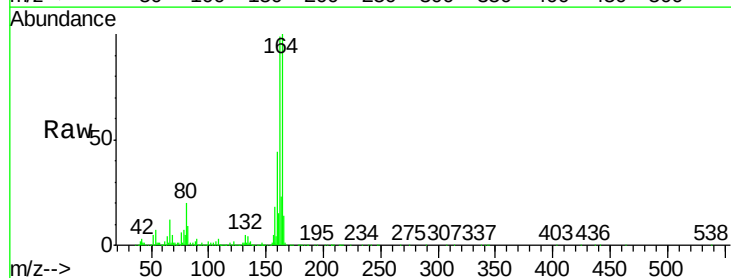
Instrument :
 BNA_G
 ClientSampleId :
 SB-6(11-12)

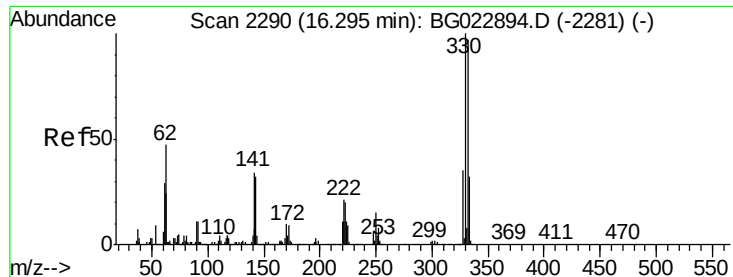
Tot Ion	82	Resp	855104
Ion Ratio	Lower	Upper	
82	100		
128	31.9	24.4	36.6
54	49.5	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG023066.D
 Acq: 13 Jul 2016 11:27

Tgt Ion	164	Resp	405165
Ion Ratio	Lower	Upper	
164	100		
162	99.3	87.7	131.5
160	43.8	37.2	55.8

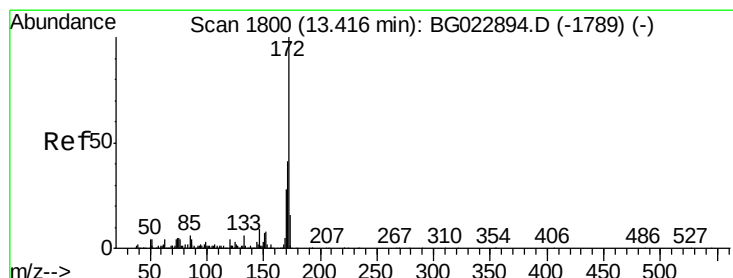
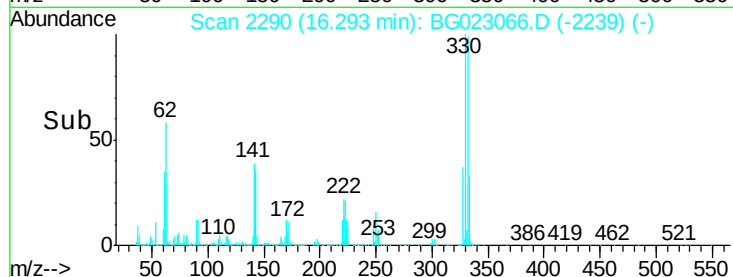
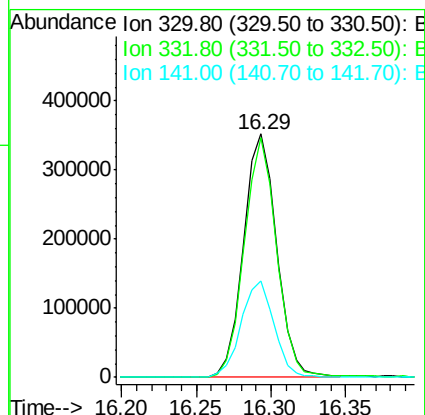
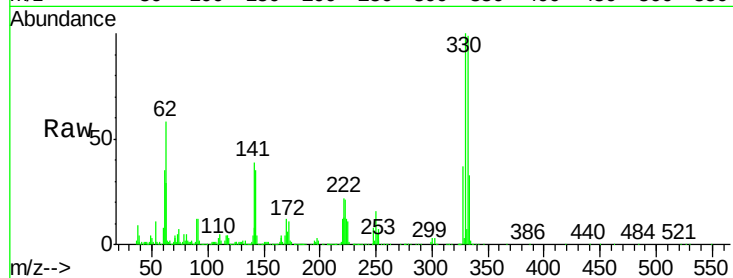




#41
 2,4,6-Tribromophenol
 Concen: 74.39 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023066.D
 Acq: 13 Jul 2016 11:27

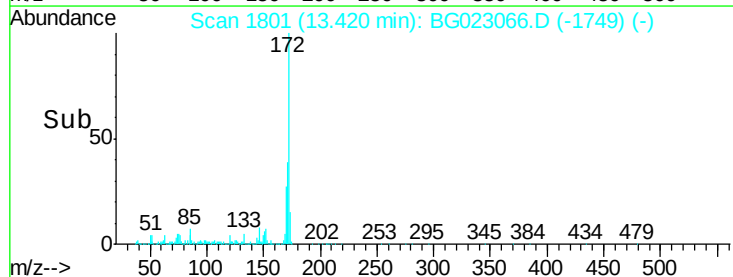
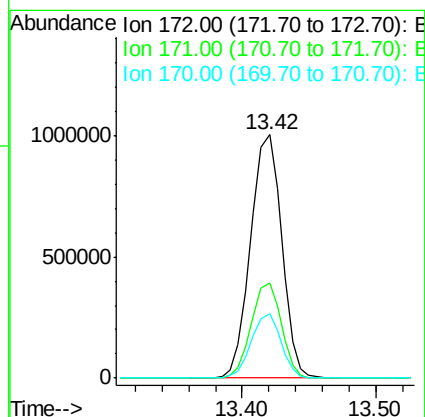
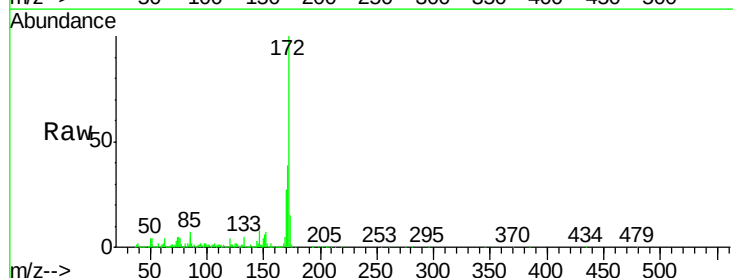
Instrument :
 BNA_G
 ClientSampleId :
 SB-6(11-12)

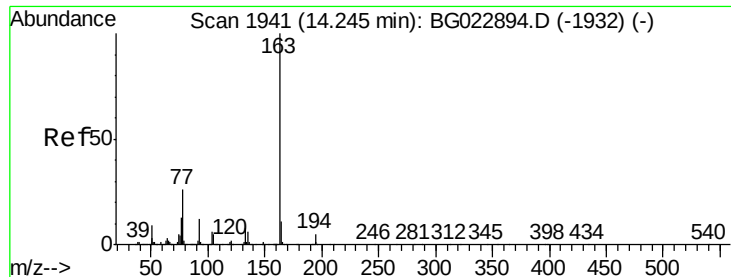
Tot Ion:330 Resp: 541725
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 39.7 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 62.77 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023066.D
 Acq: 13 Jul 2016 11:27

Tgt Ion:172 Resp: 1614717
 Ion Ratio Lower Upper
 172 100
 171 39.2 31.6 47.4
 170 26.7 21.3 31.9





#49

Dimethylphthalate

Concen: 8.22 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG023066.D

Acq: 13 Jul 2016 11:27

Instrument :

BNA_G

ClientSampleId :

SB-6(11-12)

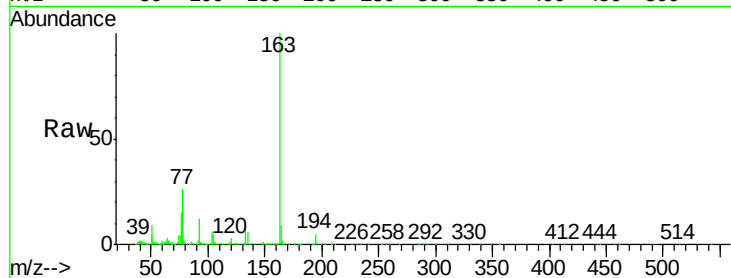
Tot Ion:163 Resp: 271906

Ion Ratio Lower Upper

163 100

194 5.2 3.6 5.4

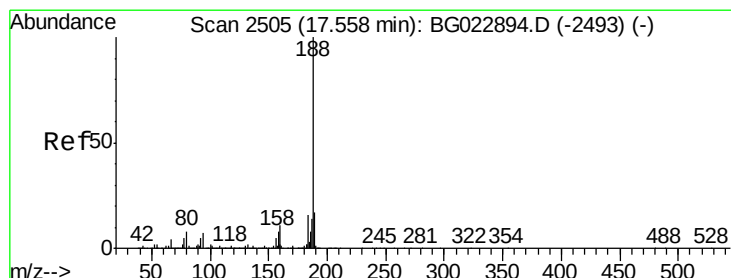
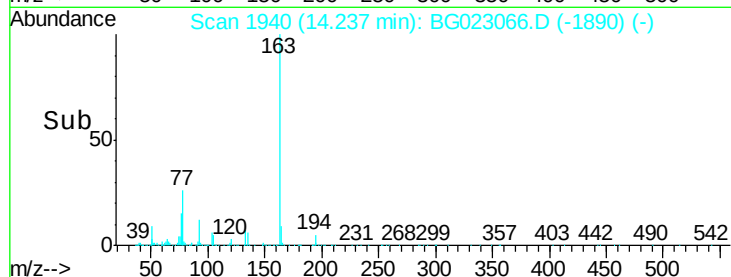
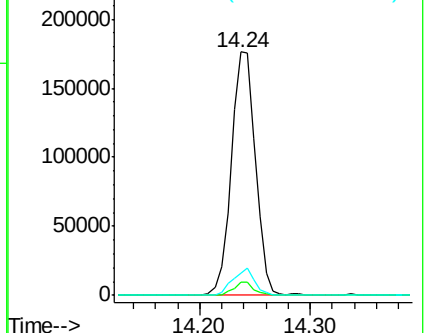
164 9.4 8.1 12.1



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: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023066.D

Acq: 13 Jul 2016 11:27

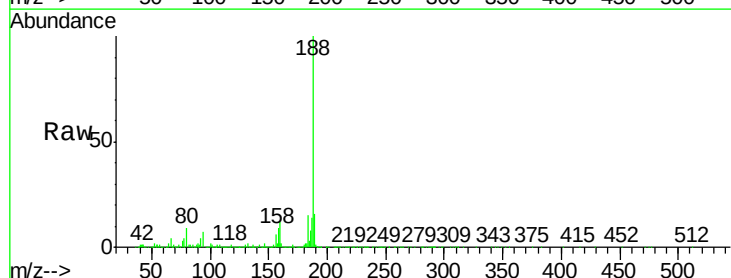
Tgt Ion:188 Resp: 862164

Ion Ratio Lower Upper

188 100

94 7.0 5.2 7.8

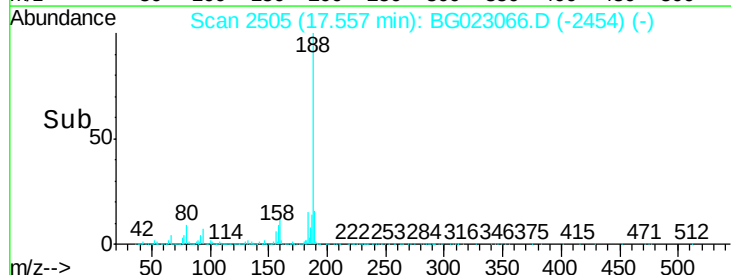
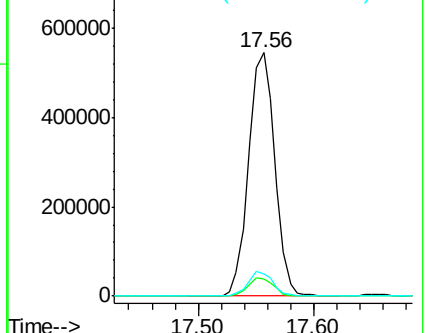
80 9.4 7.2 10.8

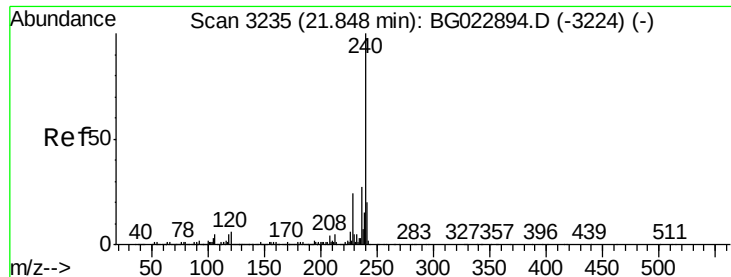


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG023066.D

Acq: 13 Jul 2016 11:27

Instrument :

BNA_G

ClientSampleId :

SB-6(11-12)

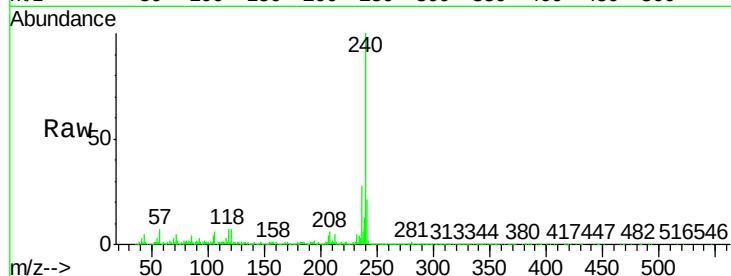
Tot Ion:240 Resp: 914239

Ion Ratio Lower Upper

240 100

120 6.6 4.1 6.1#

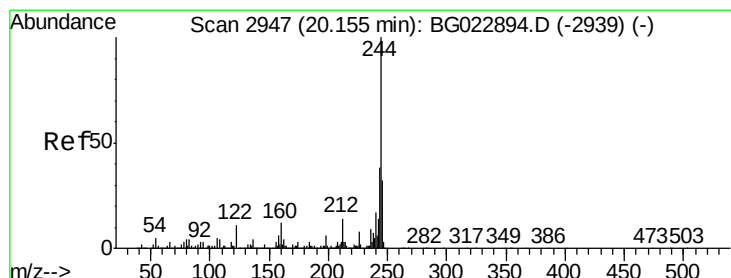
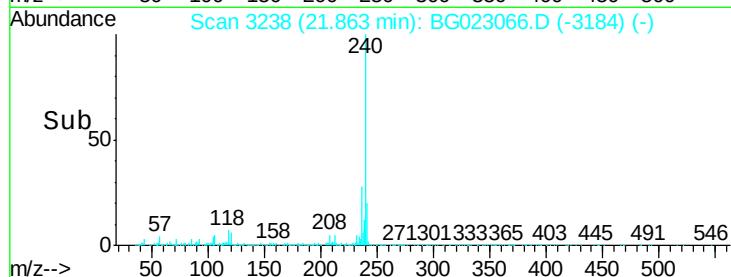
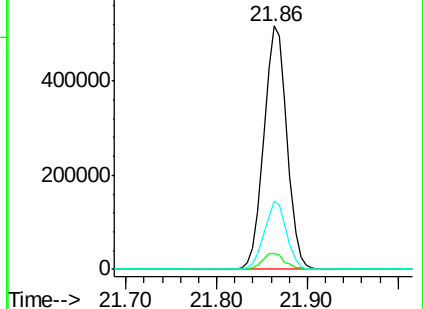
236 28.1 21.1 31.7



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: 60.97 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023066.D

Acq: 13 Jul 2016 11:27

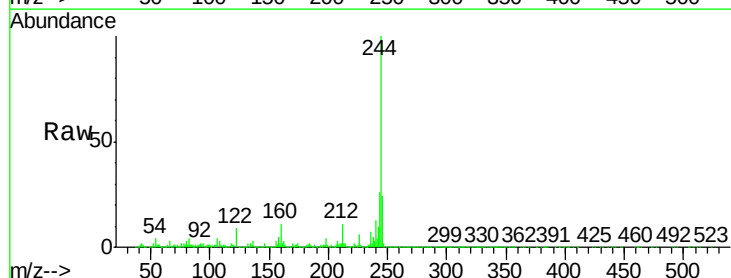
Tgt Ion:244 Resp: 1961967

Ion Ratio Lower Upper

244 100

212 11.1 10.8 16.2

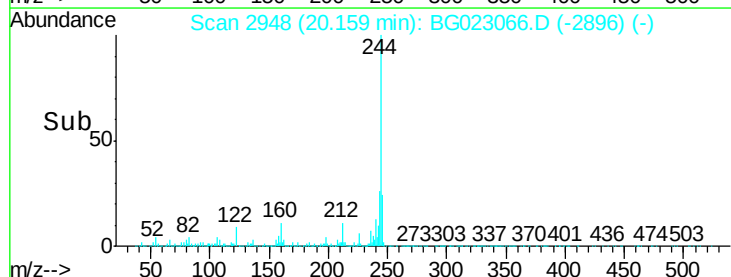
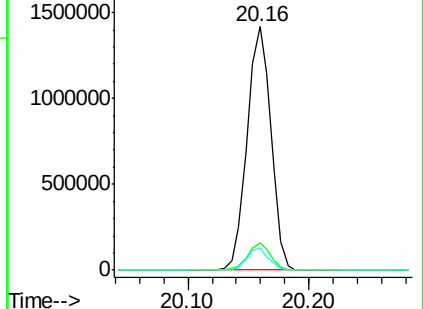
122 9.2 8.0 12.0

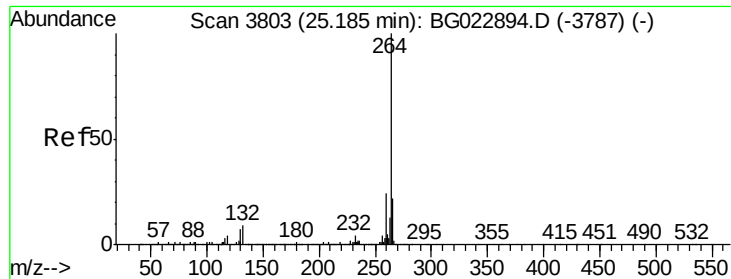


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3814
 Delta R.T. 0.06 min
 Lab File: BG023066.D
 Acq: 13 Jul 2016 11:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-6(11-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.7	18.4	27.6
265	23.3	18.9	28.3

