

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
 Data File : BG023029.D
 Acq On : 12 Jul 2016 9:59
 Operator : UM/SJ
 Sample : H3936-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-5(1-2)

Quant Time: Jul 12 15:51:04 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

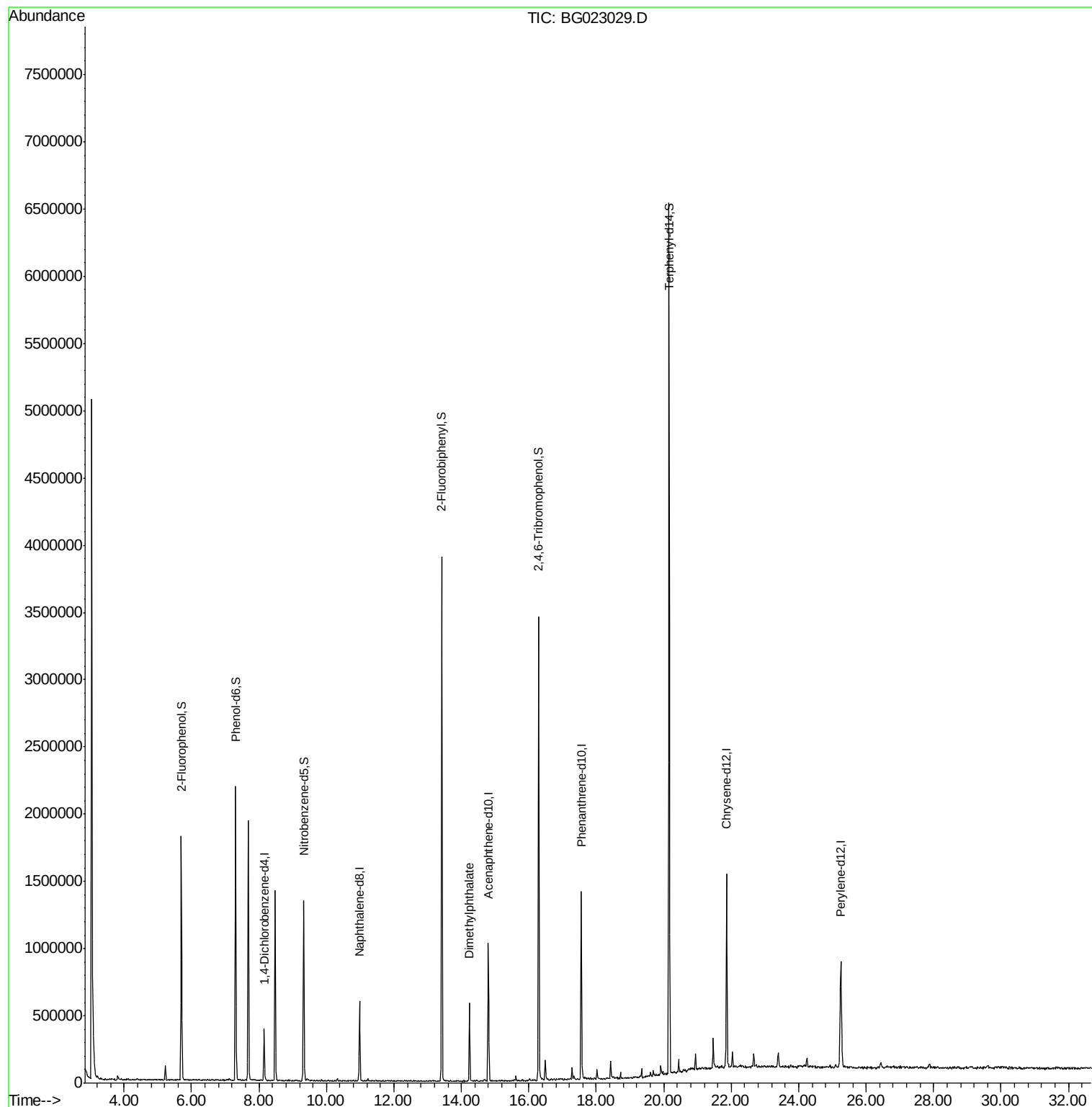
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	98661	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	463082	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	352617	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	834869	20.00	ng	0.00
75) Chrysene-d12	21.86	240	893181	20.00	ng	0.01
86) Perylene-d12	25.25	264	893252	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	745751	123.62	ng	0.00
7) Phenol-d6	7.31	99	1200301	127.04	ng	0.00
23) Nitrobenzene-d5	9.32	82	888018	82.11	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	626872	98.92	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1826368	81.58	ng	0.00
78) Terphenyl-d14	20.16	244	2518333	92.46	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	360127	12.50	ng	Qvalue # 95

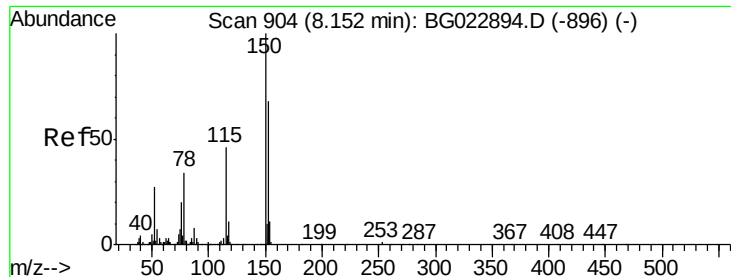
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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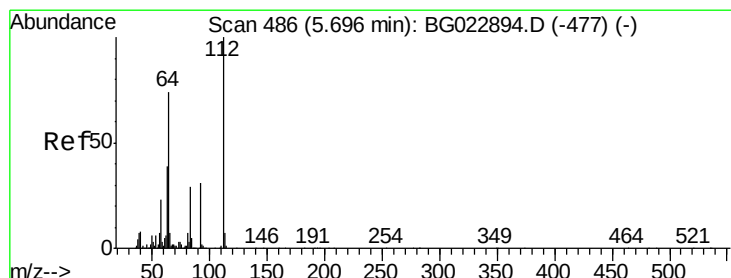
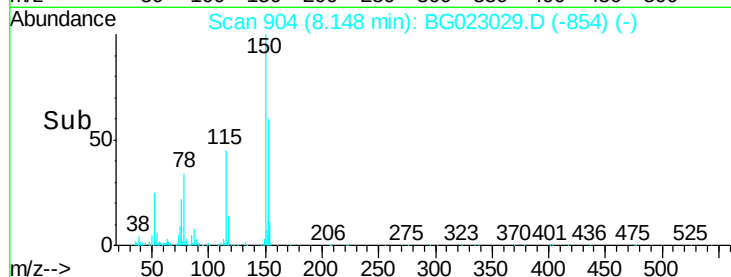
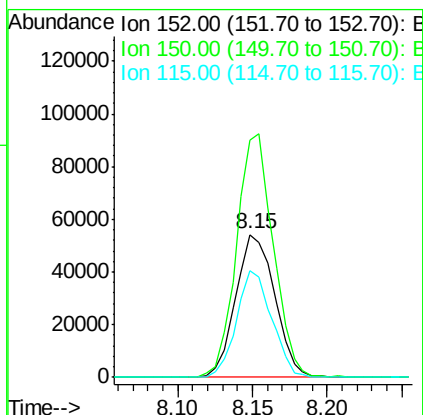
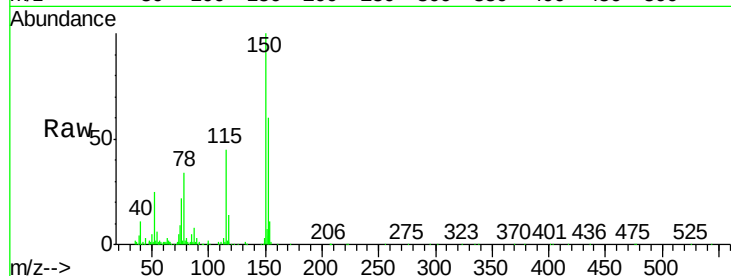


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023029.D
Acq: 12 Jul 2016 9:59

Instrument :
BNA_G
ClientSampleId :
SB-5(1-2)

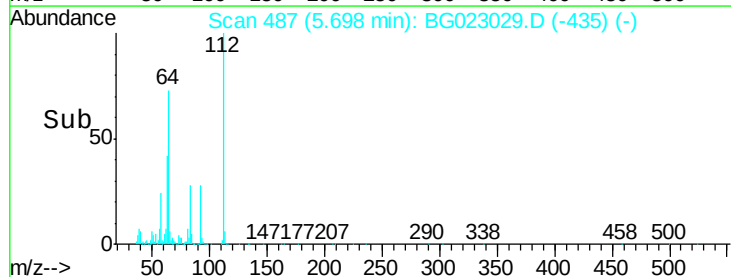
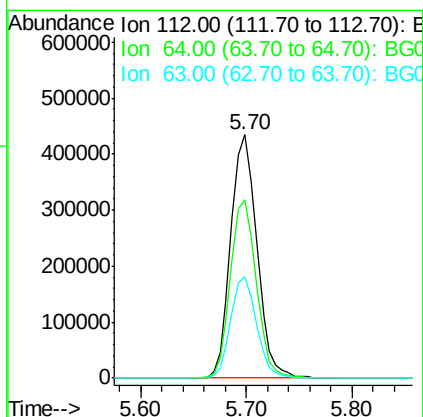
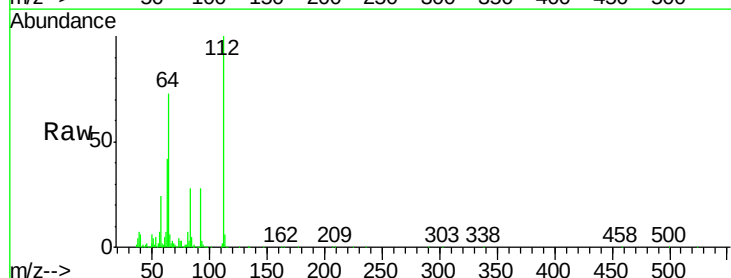
Tot Ion	Ratio	Lower	Upper
152	100		
150	165.6	144.7	217.1
115	74.2	64.0	96.0

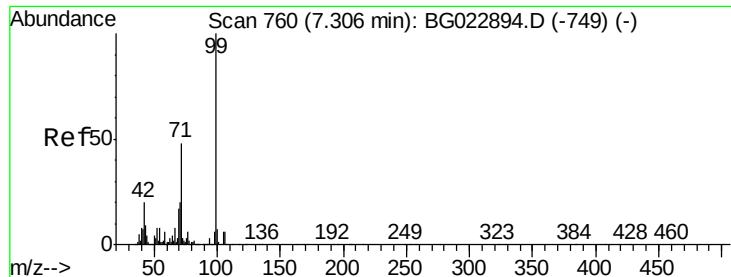


#5

2-Fluorophenol
Concen: 123.62 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023029.D
Acq: 12 Jul 2016 9:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.4	59.0	88.4
63	42.0	37.8	56.8





#7

Phenol-d6

Concen: 127.04 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023029.D

Acq: 12 Jul 2016 9:59

Instrument :

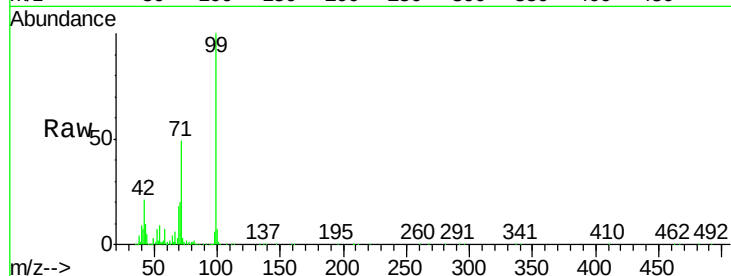
BNA_G

ClientSampleId :

SB-5(1-2)

Tot Ion: 99 Resp: 1200301

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.8	26.6
71	49.5	41.5	62.3

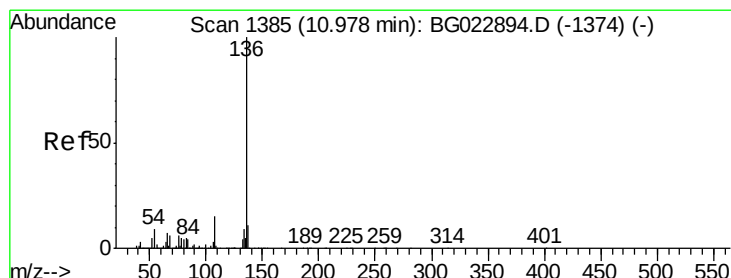
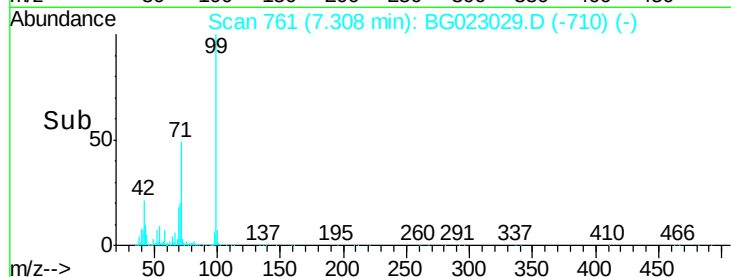
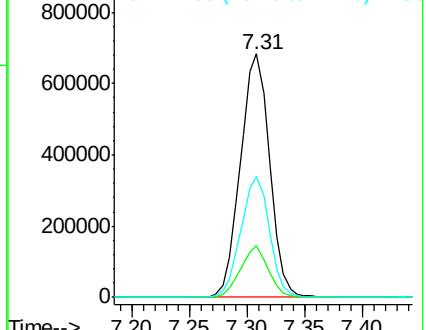


Abundance

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: BG023029.D

Acq: 12 Jul 2016 9:59

Tgt Ion: 136 Resp: 463082

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	9.7	7.3	10.9
68	5.8	5.3	7.9

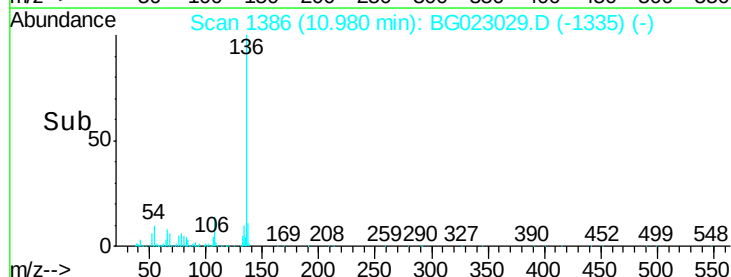
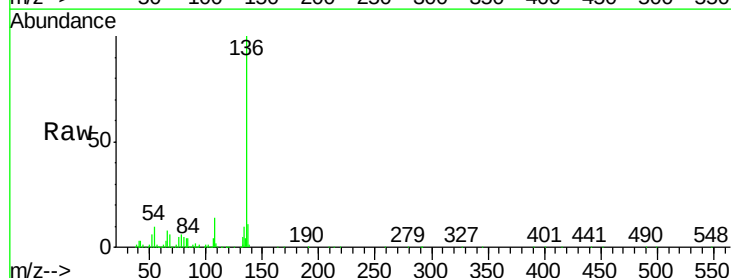
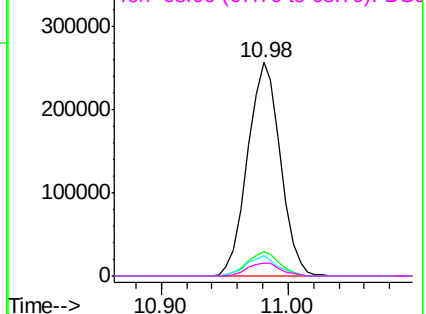
Abundance

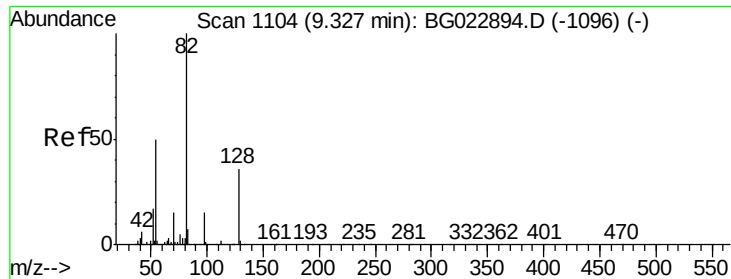
Ion 136.00 (135.70 to 136.70): BGC

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

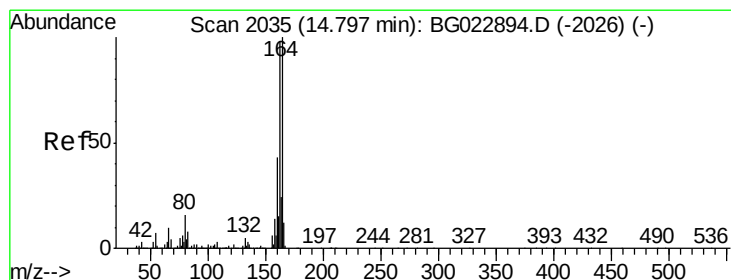
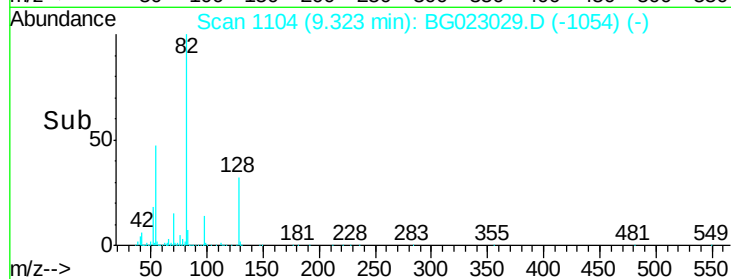
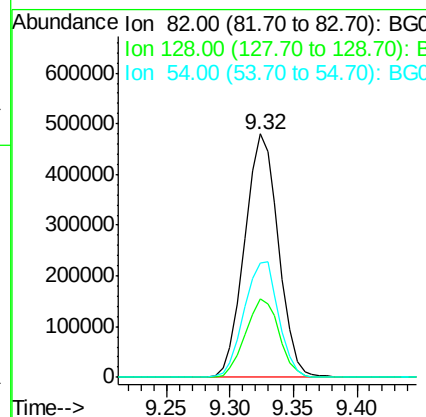
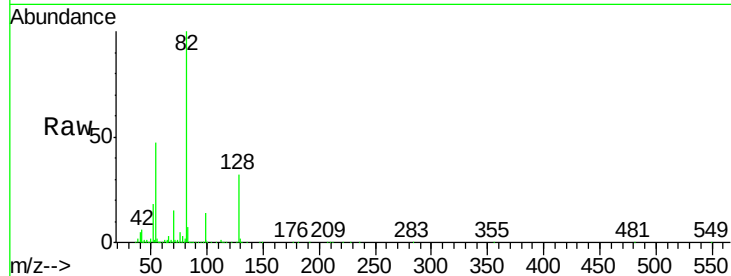




#23
 Nitrobenzene-d5
 Concen: 82.11 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023029.D
 Acq: 12 Jul 2016 9:59

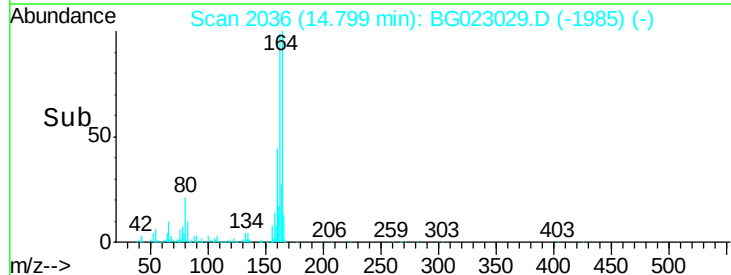
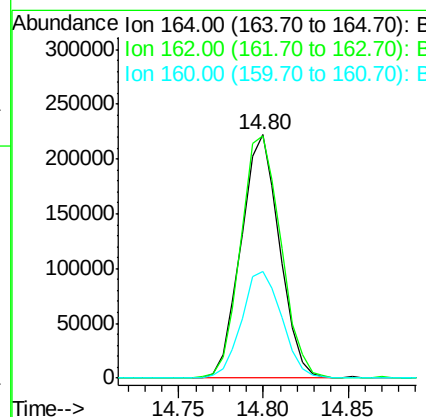
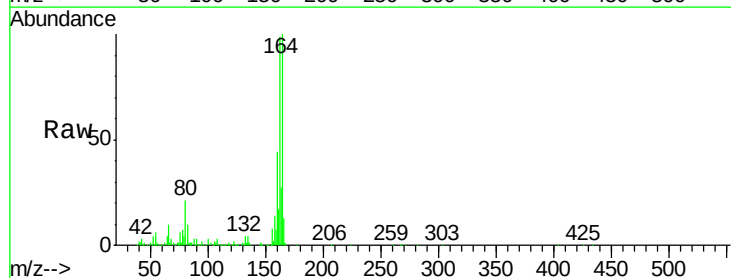
Instrument :
 BNA_G
 ClientSampleId :
 SB-5(1-2)

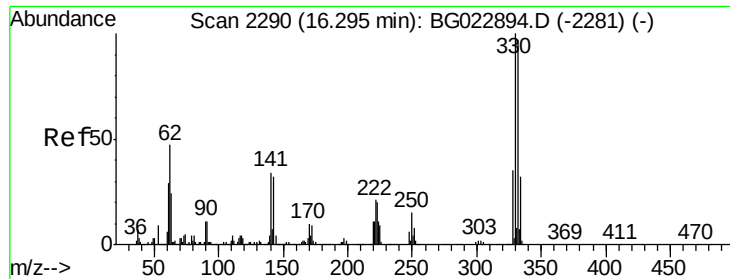
Tot Ion	82	Resp	888018
Ion Ratio	Lower	Upper	
82	100		
128	32.4	24.4	36.6
54	46.8	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG023029.D
 Acq: 12 Jul 2016 9:59

Tgt Ion	164	Resp	352617
Ion Ratio	Lower	Upper	
164	100		
162	99.5	87.7	131.5
160	44.1	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 98.92 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG023029.D

Acq: 12 Jul 2016 9:59

Instrument :

BNA_G

ClientSampleId :

SB-5(1-2)

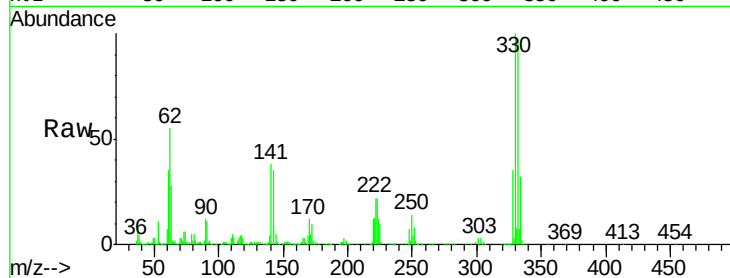
Tot Ion:330 Resp: 626872

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

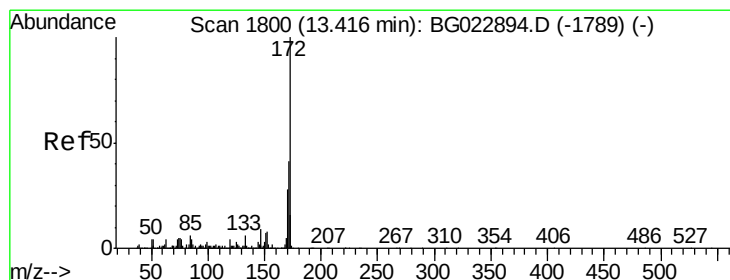
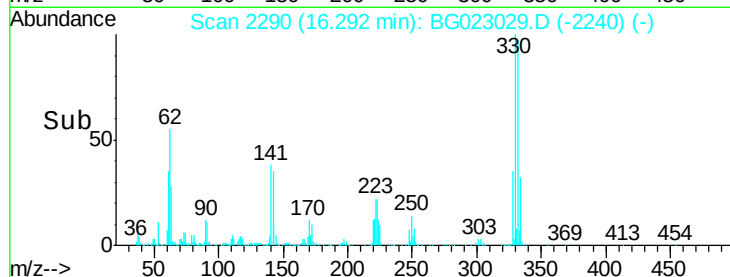
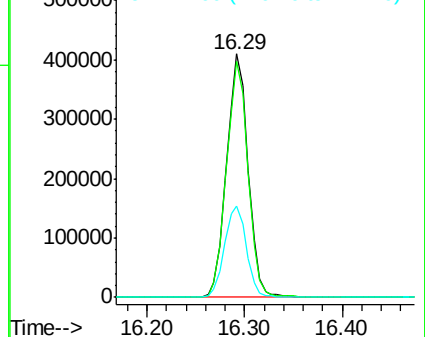
141 38.4 31.7 47.5



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: 81.58 ng

RT: 13.42 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BG023029.D

Acq: 12 Jul 2016 9:59

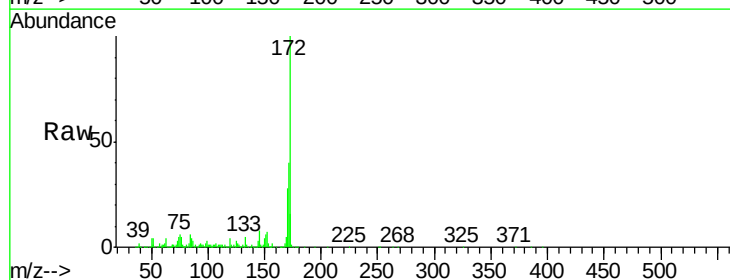
Tgt Ion:172 Resp: 1826368

Ion Ratio Lower Upper

172 100

171 39.5 31.6 47.4

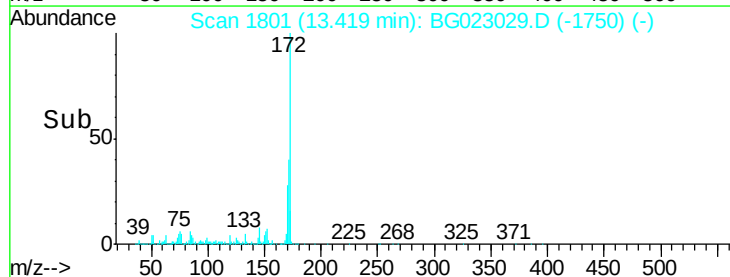
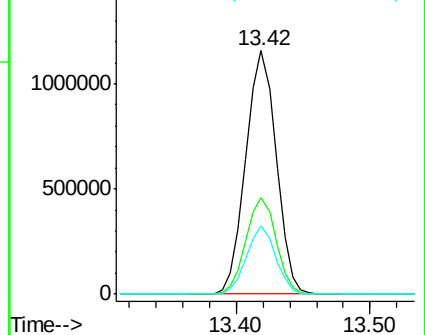
170 27.9 21.3 31.9

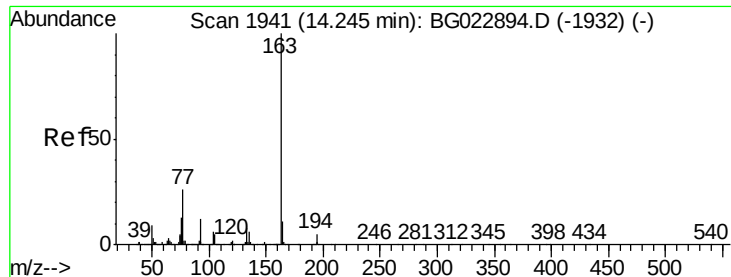


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 12.50 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023029.D

Acq: 12 Jul 2016 9:59

Instrument :

BNA_G

ClientSampleId :

SB-5(1-2)

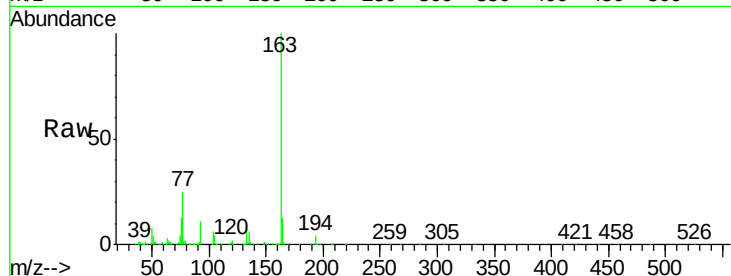
Tot Ion:163 Resp: 360127

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

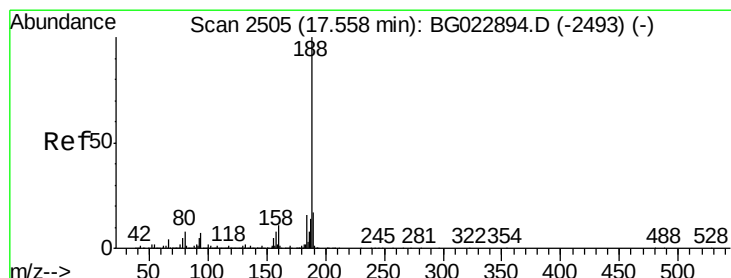
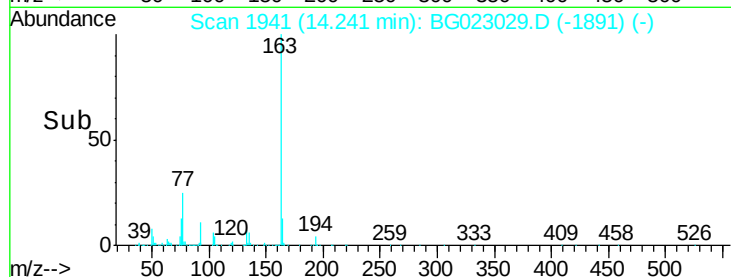
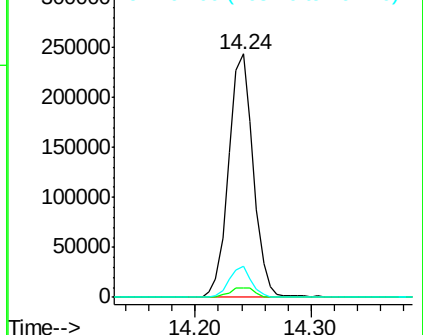
164 12.8 8.1 12.1#



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: BG023029.D

Acq: 12 Jul 2016 9:59

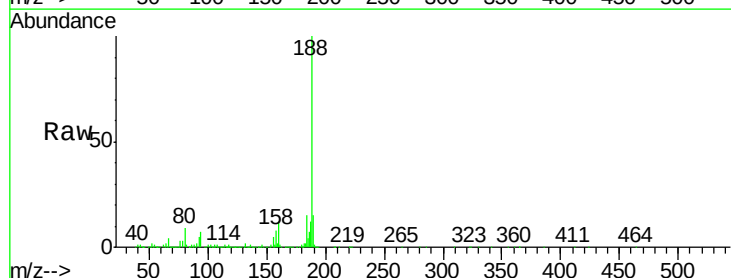
Tgt Ion:188 Resp: 834869

Ion Ratio Lower Upper

188 100

94 6.8 5.2 7.8

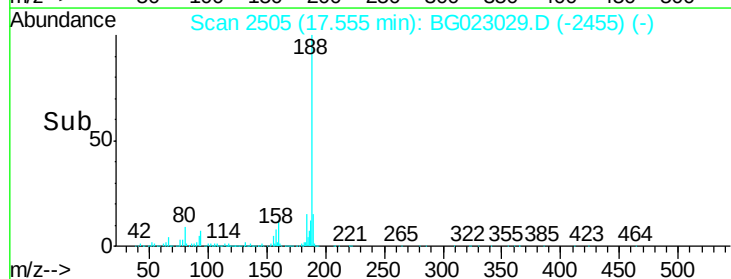
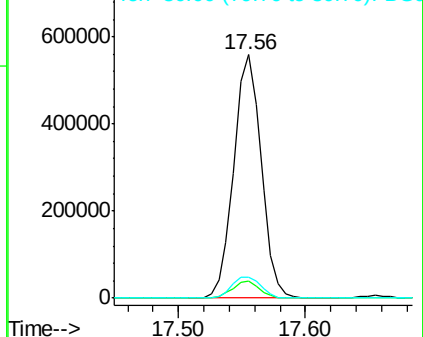
80 8.6 7.2 10.8

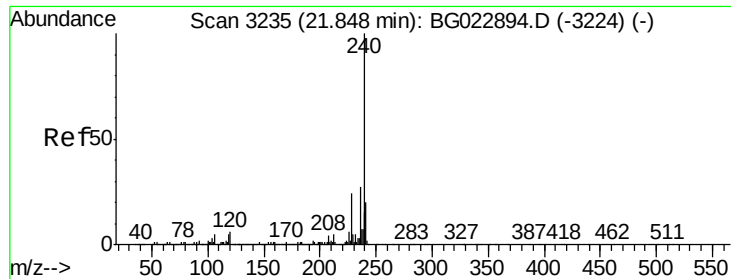


Abundance Ion 188.00 (187.70 to 188.70): E

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. 0.01 min

Lab File: BG023029.D

Acq: 12 Jul 2016 9:59

Instrument :

BNA_G

ClientSampleId :

SB-5(1-2)

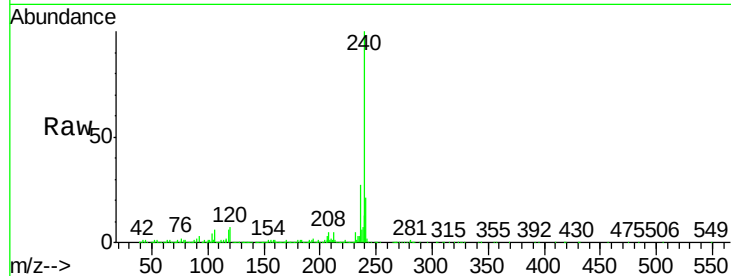
Tot Ion:240 Resp: 893181

Ion Ratio Lower Upper

240 100

120 6.8 4.1 6.1#

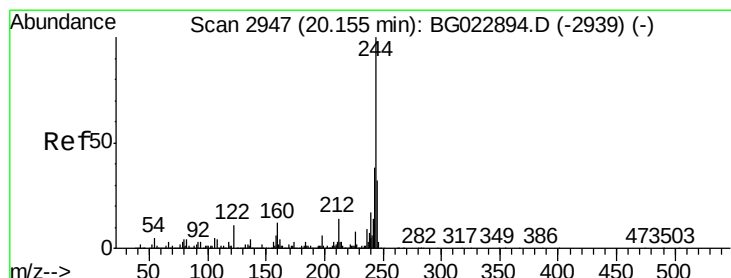
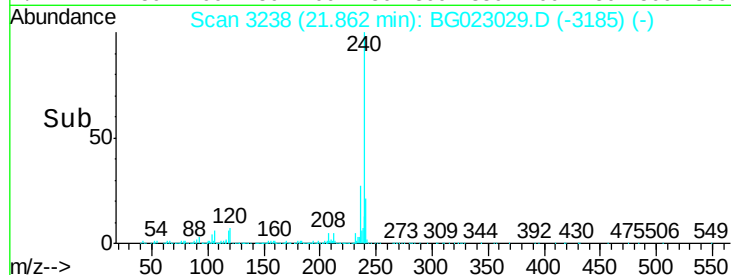
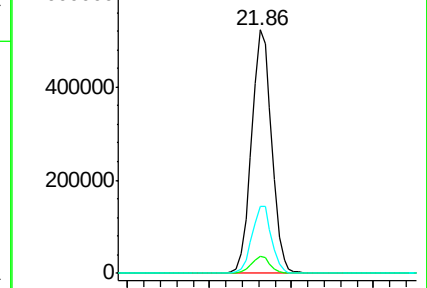
236 27.4 21.1 31.7



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: 92.46 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023029.D

Acq: 12 Jul 2016 9:59

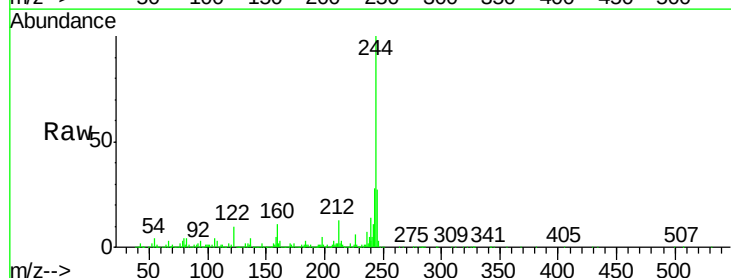
Tgt Ion:244 Resp: 2518333

Ion Ratio Lower Upper

244 100

212 12.6 10.8 16.2

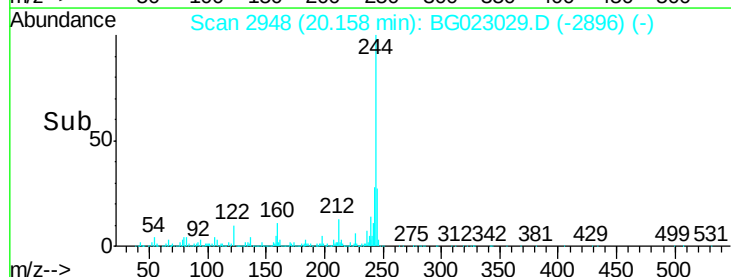
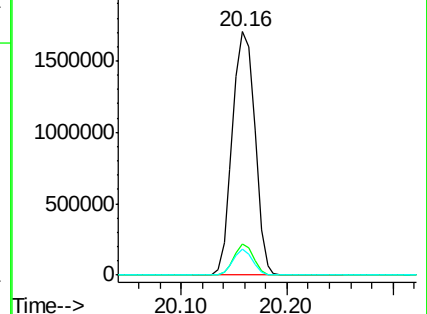
122 10.4 8.0 12.0

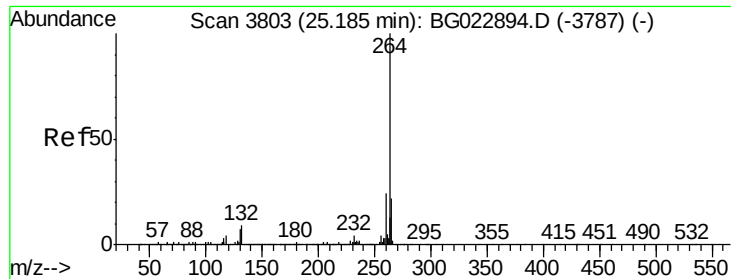


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3814
Delta R.T. 0.06 min
Lab File: BG023029.D
Acq: 12 Jul 2016 9:59

Instrument :
BNA_G
ClientSampleId :
SB-5(1-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	23.9	18.9	28.3

