

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
 Data File : BG023862.D
 Acq On : 23 Aug 2016 20:42
 Operator : UM/SJ
 Sample : H4556-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-18A-GW

Quant Time: Aug 24 01:51:08 2016
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

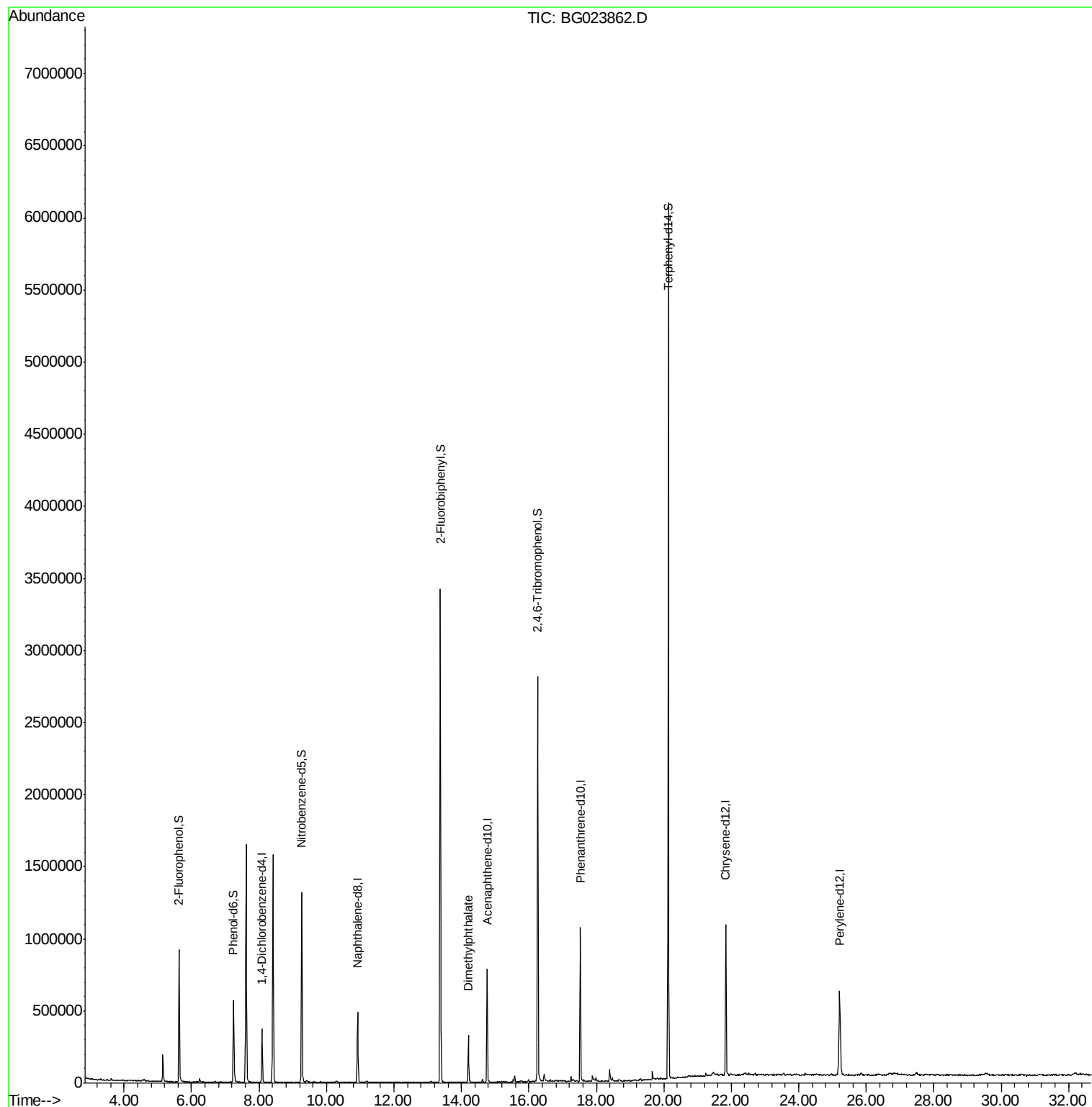
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	101543	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	410254	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	265829	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	625691	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	675465	20.00	ng	-0.02
86) Perylene-d12	25.22	264	655573	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	380482	63.07	ng	-0.03
7) Phenol-d6	7.25	99	351733	37.43	ng	-0.03
23) Nitrobenzene-d5	9.27	82	856904	103.84	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	500118	128.62	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1687552	107.07	ng	-0.02
78) Terphenyl-d14	20.13	244	2363610	116.63	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.21	163	206499	10.12	ng	99

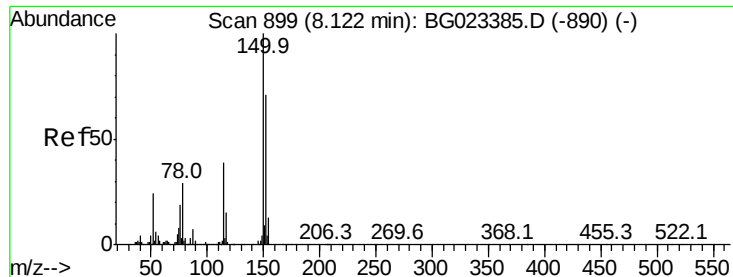
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.03 min

Lab File: BG023862.D

Acq: 23 Aug 2016 20:42

Instrument :

BNA_G

ClientSampleId :

SB-18A-GW

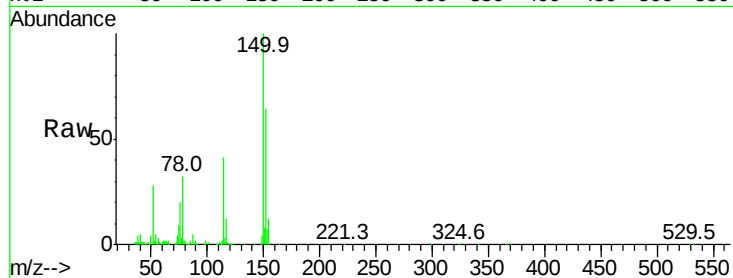
Tot Ion:152 Resp: 101543

Ion Ratio Lower Upper

152 100

150 156.4 144.7 217.1

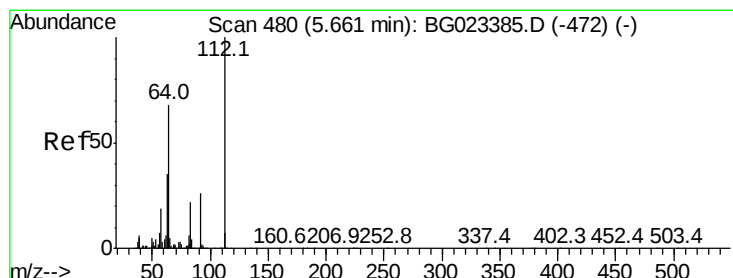
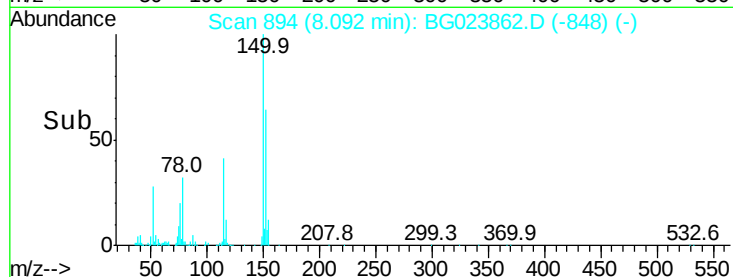
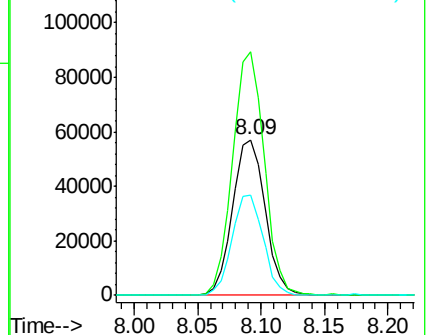
115 64.8 64.0 96.0



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: 63.07 ng

RT: 5.63 min Scan# 475

Delta R.T. -0.03 min

Lab File: BG023862.D

Acq: 23 Aug 2016 20:42

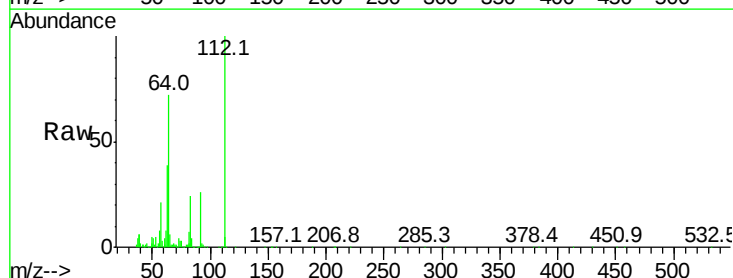
Tgt Ion:112 Resp: 380482

Ion Ratio Lower Upper

112 100

64 72.1 59.0 88.4

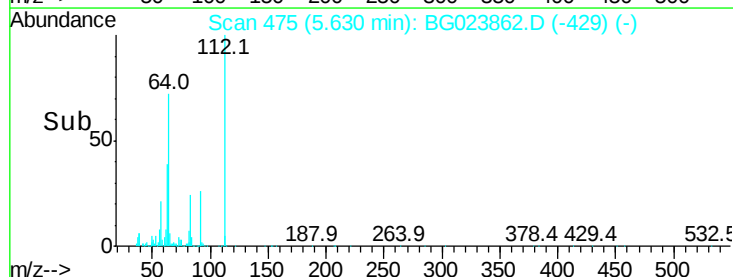
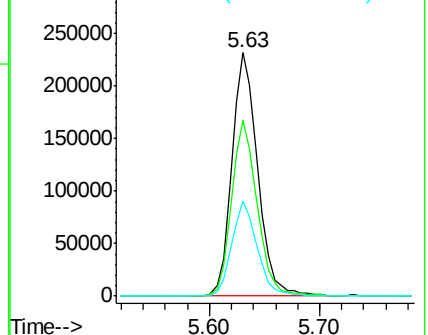
63 38.8 37.8 56.8

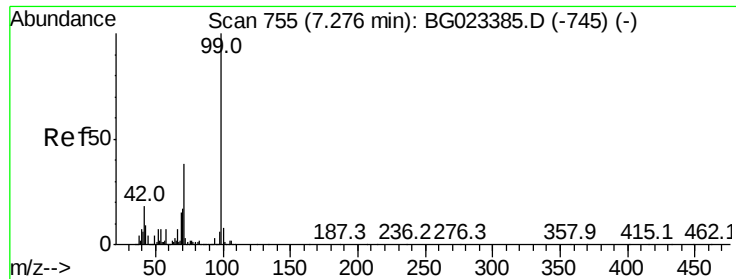


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 37.43 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG023862.D

Acq: 23 Aug 2016 20:42

Instrument :

BNA_G

ClientSampleId :

SB-18A-GW

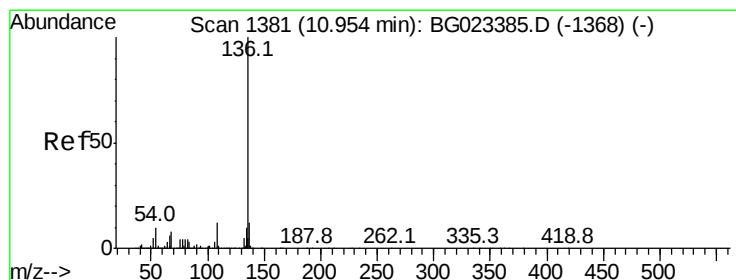
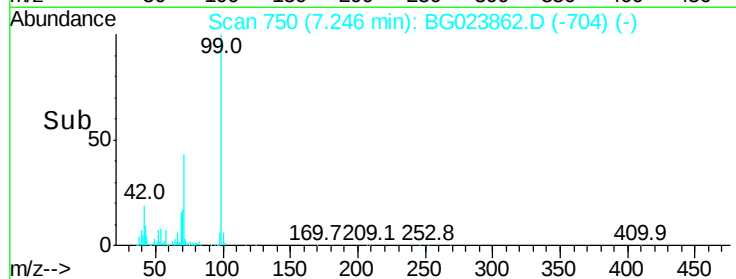
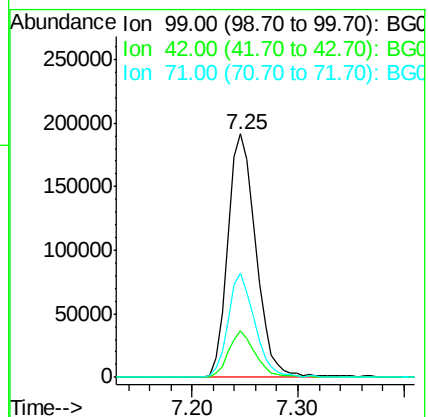
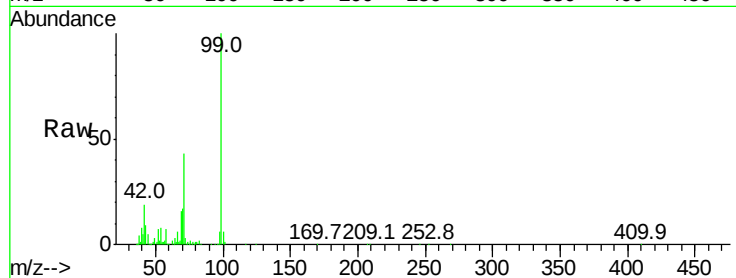
Tot Ion: 99 Resp: 351733

Ion Ratio Lower Upper

99 100

42 19.4 17.8 26.6

71 42.9 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.92 min Scan# 1376

Delta R.T. -0.03 min

Lab File: BG023862.D

Acq: 23 Aug 2016 20:42

Tgt Ion: 136 Resp: 410254

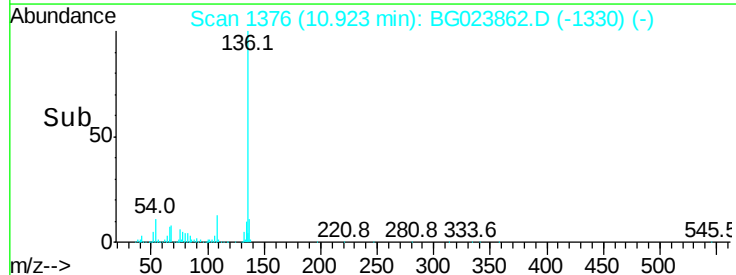
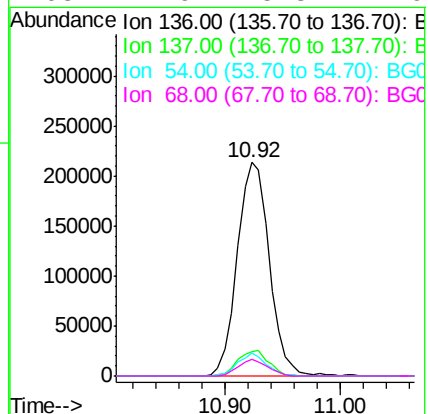
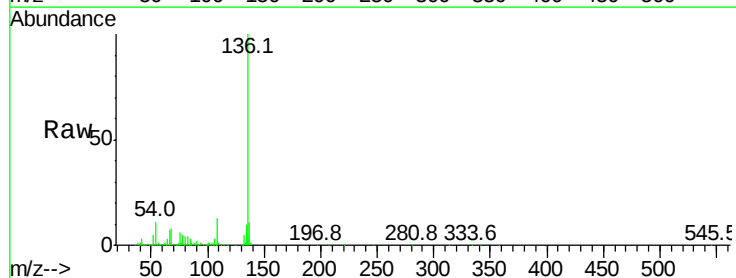
Ion Ratio Lower Upper

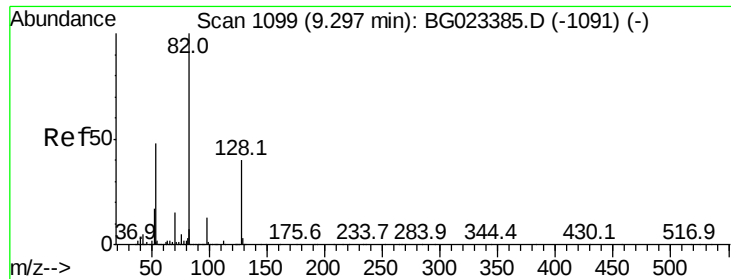
136 100

137 11.3 9.6 14.4

54 10.6 7.3 10.9

68 7.6 5.3 7.9

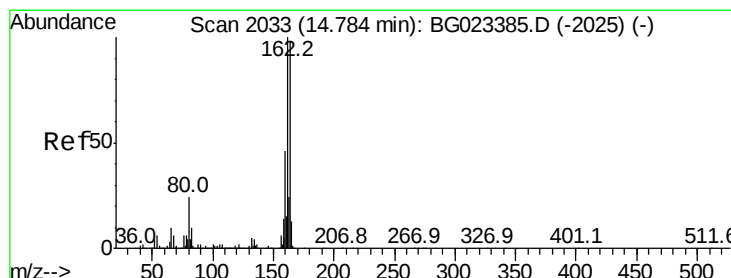
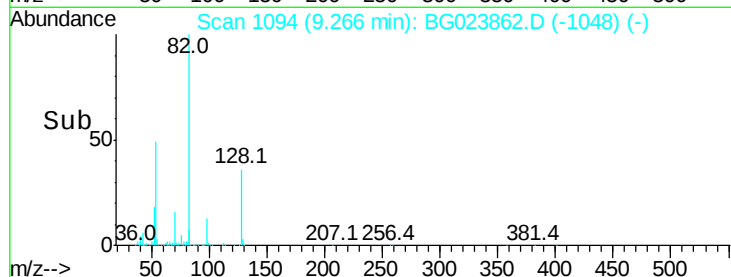
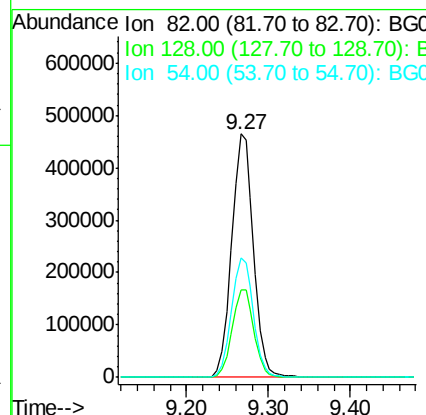
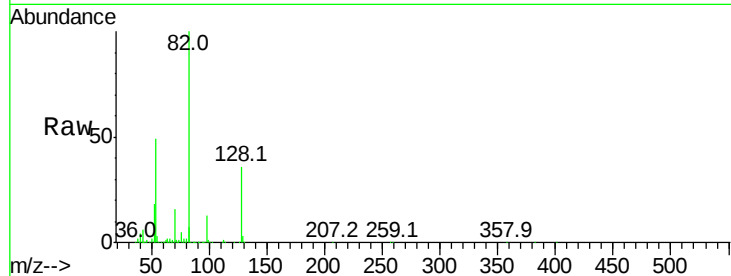




#23
 Nitrobenzene-d5
 Concen: 103.84 ng
 RT: 9.27 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BG023862.D
 Acq: 23 Aug 2016 20:42

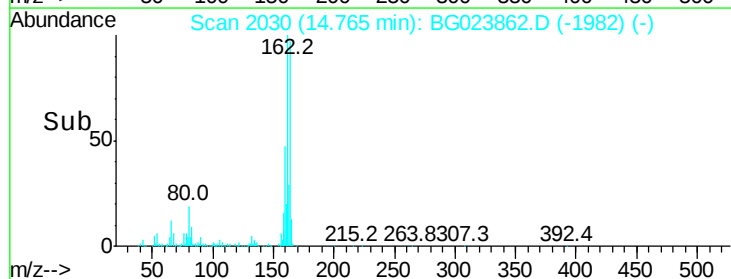
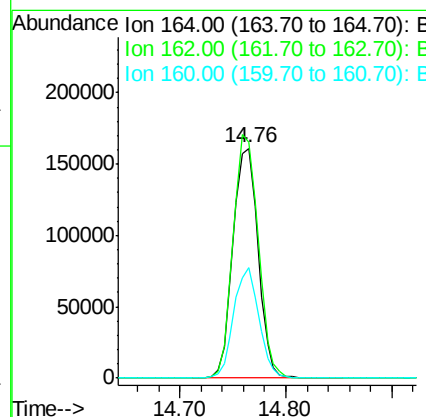
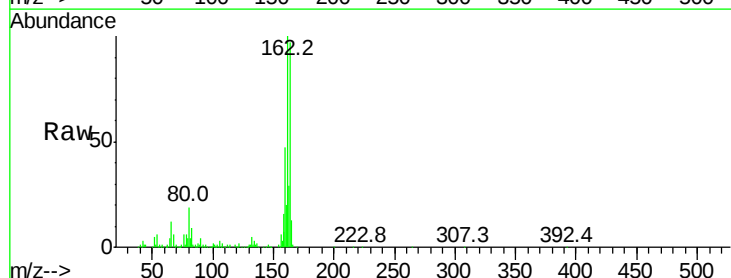
Instrument :
 BNA_G
 ClientSampleId :
 SB-18A-GW

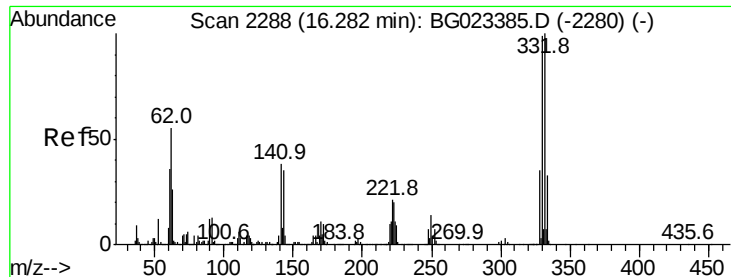
Tot Ion	82	Resp	856904
Ion Ratio	Lower	Upper	
82	100		
128	35.9	24.4	36.6
54	49.3	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BG023862.D
 Acq: 23 Aug 2016 20:42

Tgt Ion	164	Resp	265829
Ion Ratio	Lower	Upper	
164	100		
162	102.9	87.7	131.5
160	48.1	37.2	55.8

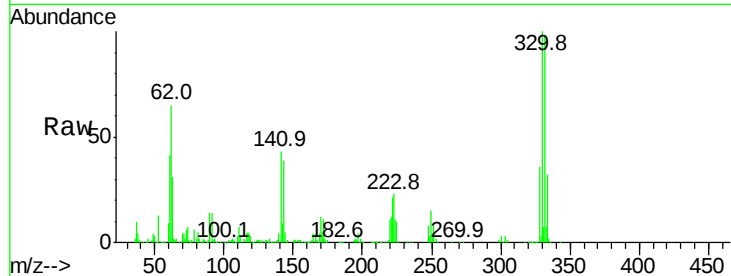




#41
 2,4,6-Tribromophenol
 Concen: 128.62 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. -0.02 min
 Lab File: BG023862.D
 Acq: 23 Aug 2016 20:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-18A-GW

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	40.9	31.7	47.5

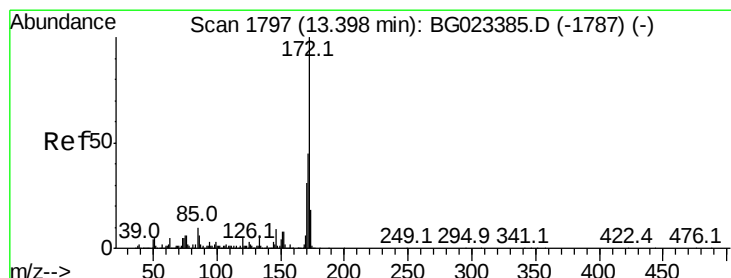
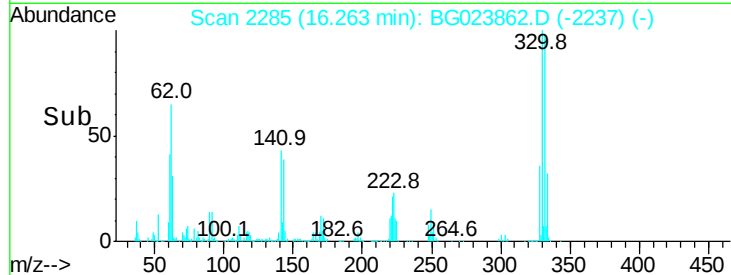
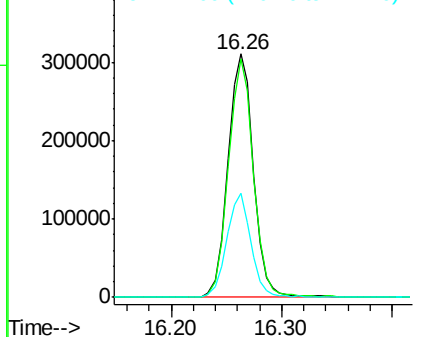


Abundance

Ion 329.80 (329.50 to 330.50): E

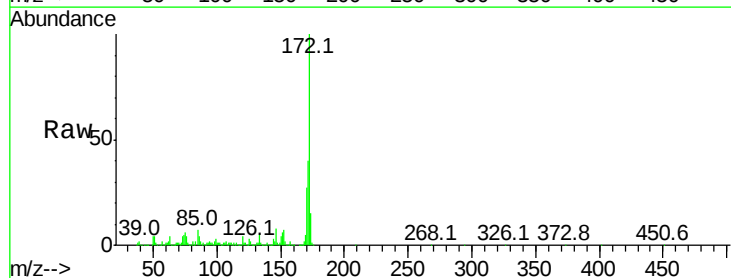
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 107.07 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG023862.D
 Acq: 23 Aug 2016 20:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.3	31.6	47.4
170	26.8	21.3	31.9

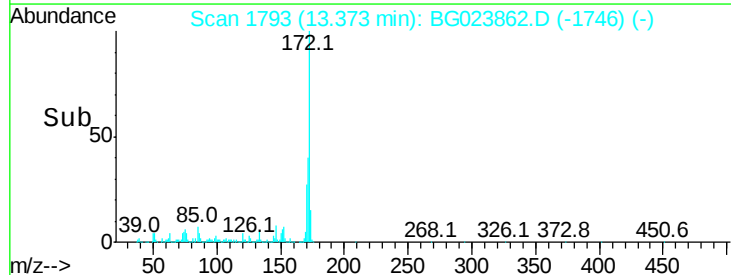
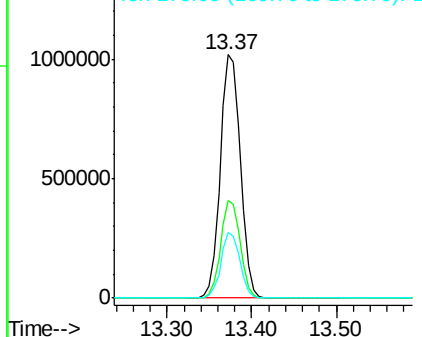


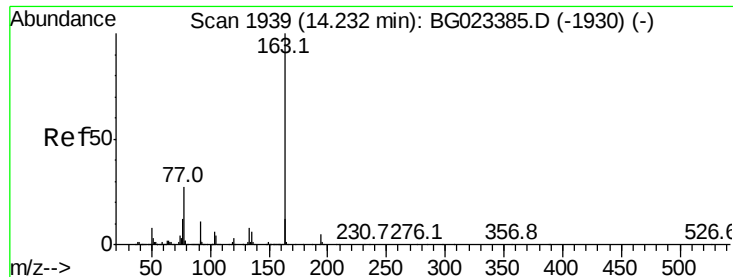
Abundance

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: 10.12 ng

RT: 14.21 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BG023862.D

Acq: 23 Aug 2016 20:42

Instrument :

BNA_G

ClientSampleId :

SB-18A-GW

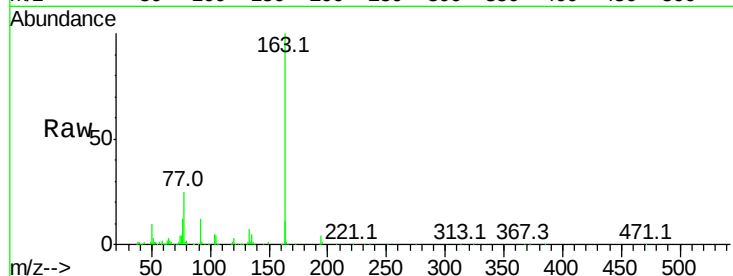
Tot Ion:163 Resp: 206499

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

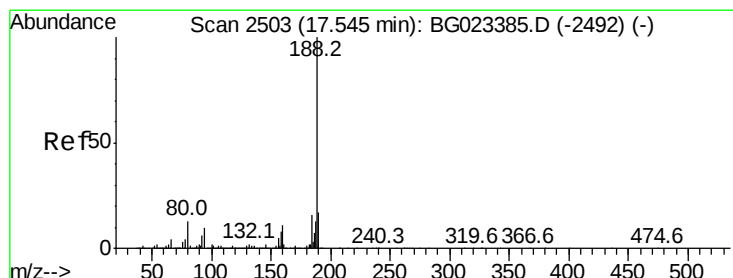
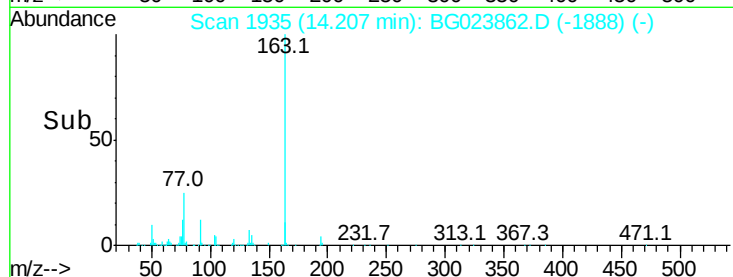
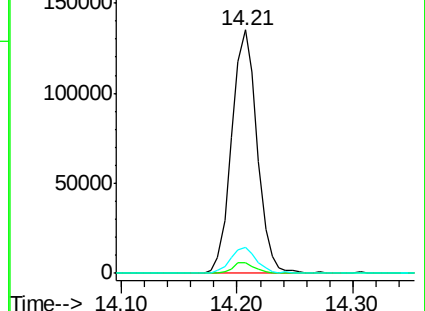
164 10.9 8.1 12.1



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: 17.53 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG023862.D

Acq: 23 Aug 2016 20:42

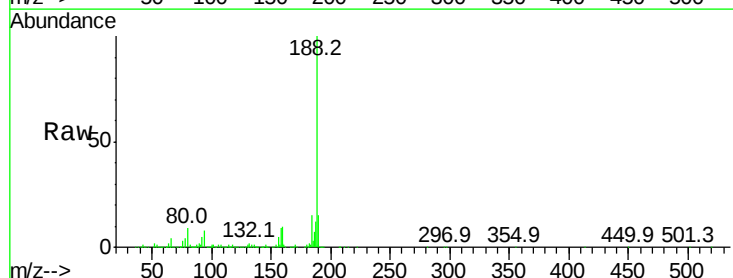
Tgt Ion:188 Resp: 625691

Ion Ratio Lower Upper

188 100

94 8.4 5.2 7.8#

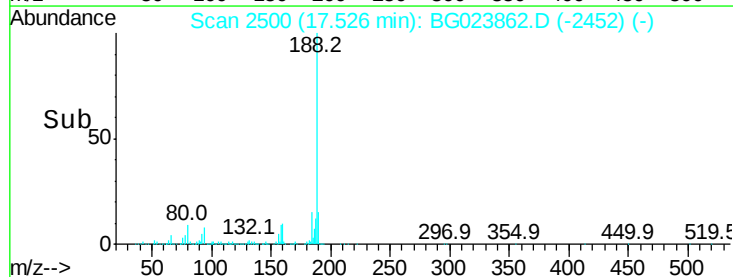
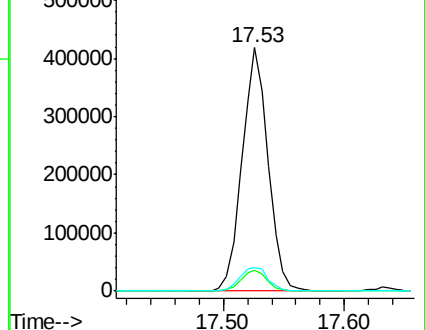
80 9.4 7.2 10.8

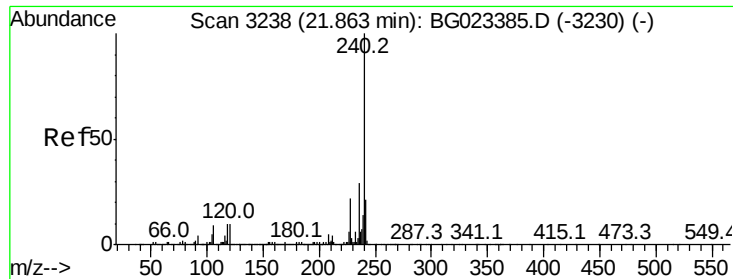


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.84 min Scan# 3234

Delta R.T. -0.02 min

Lab File: BG023862.D

Acq: 23 Aug 2016 20:42

Instrument :

BNA_G

ClientSampleId :

SB-18A-GW

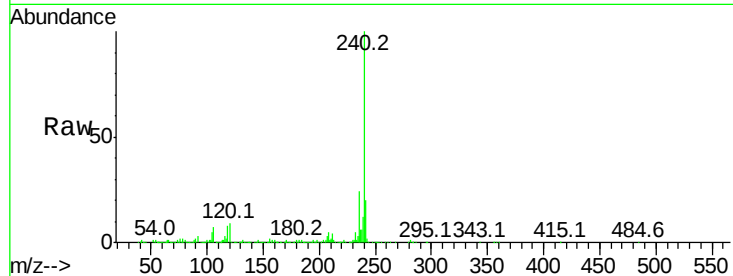
Tot Ion:240 Resp: 675465

Ion Ratio Lower Upper

240 100

120 8.8 4.1 6.1#

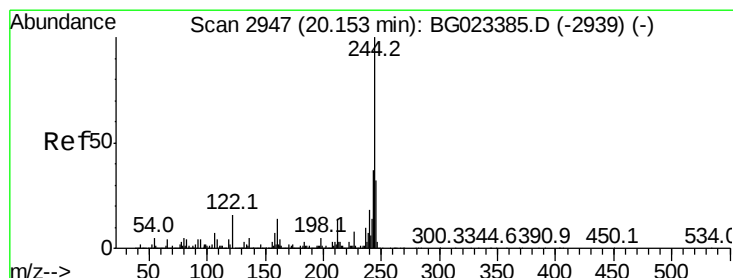
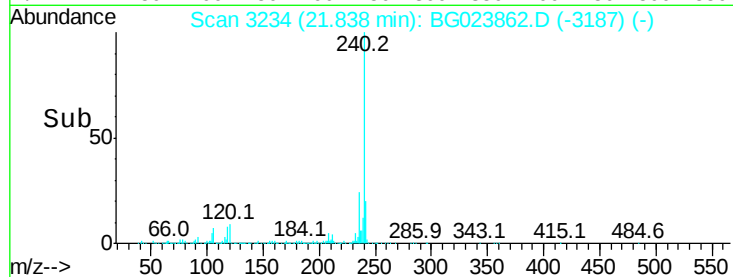
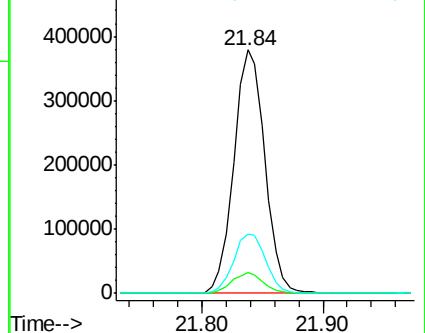
236 24.1 21.1 31.7



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: 116.63 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG023862.D

Acq: 23 Aug 2016 20:42

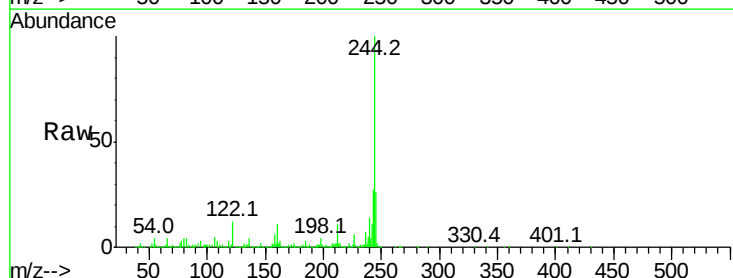
Tgt Ion:244 Resp: 2363610

Ion Ratio Lower Upper

244 100

212 11.4 10.8 16.2

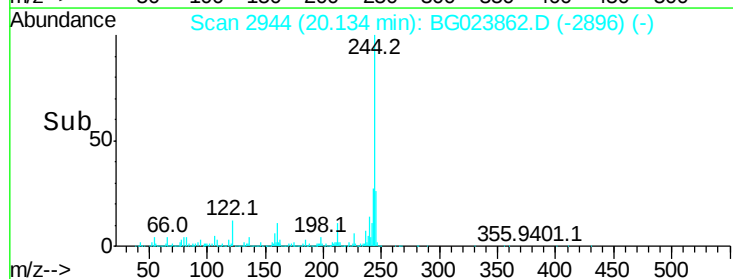
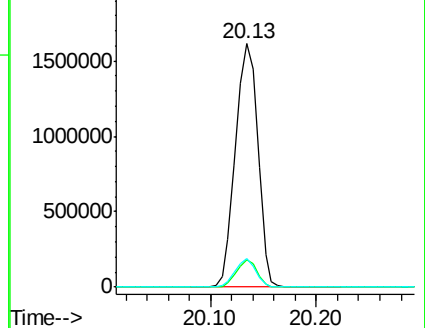
122 11.5 8.0 12.0

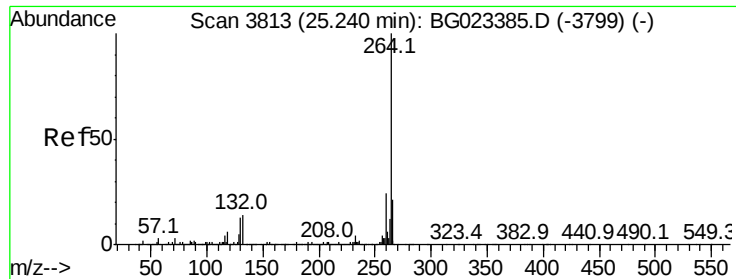


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

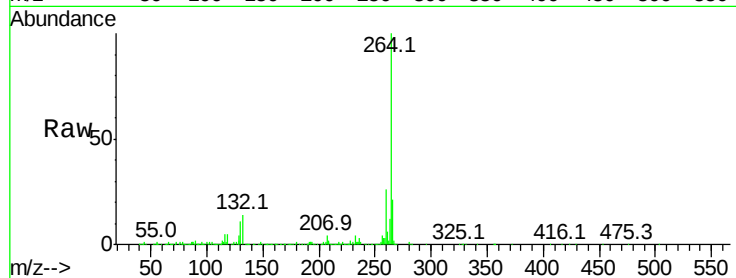




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3809
Delta R.T. -0.02 min
Lab File: BG023862.D
Acq: 23 Aug 2016 20:42

Instrument :
BNA_G
ClientSampleId :
SB-18A-GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.4	27.6
265	21.3	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

