

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
 Data File : BG023870.D
 Acq On : 24 Aug 2016 1:45
 Operator : UM/SJ
 Sample : H4554-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-4

Quant Time: Aug 24 05:00:38 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

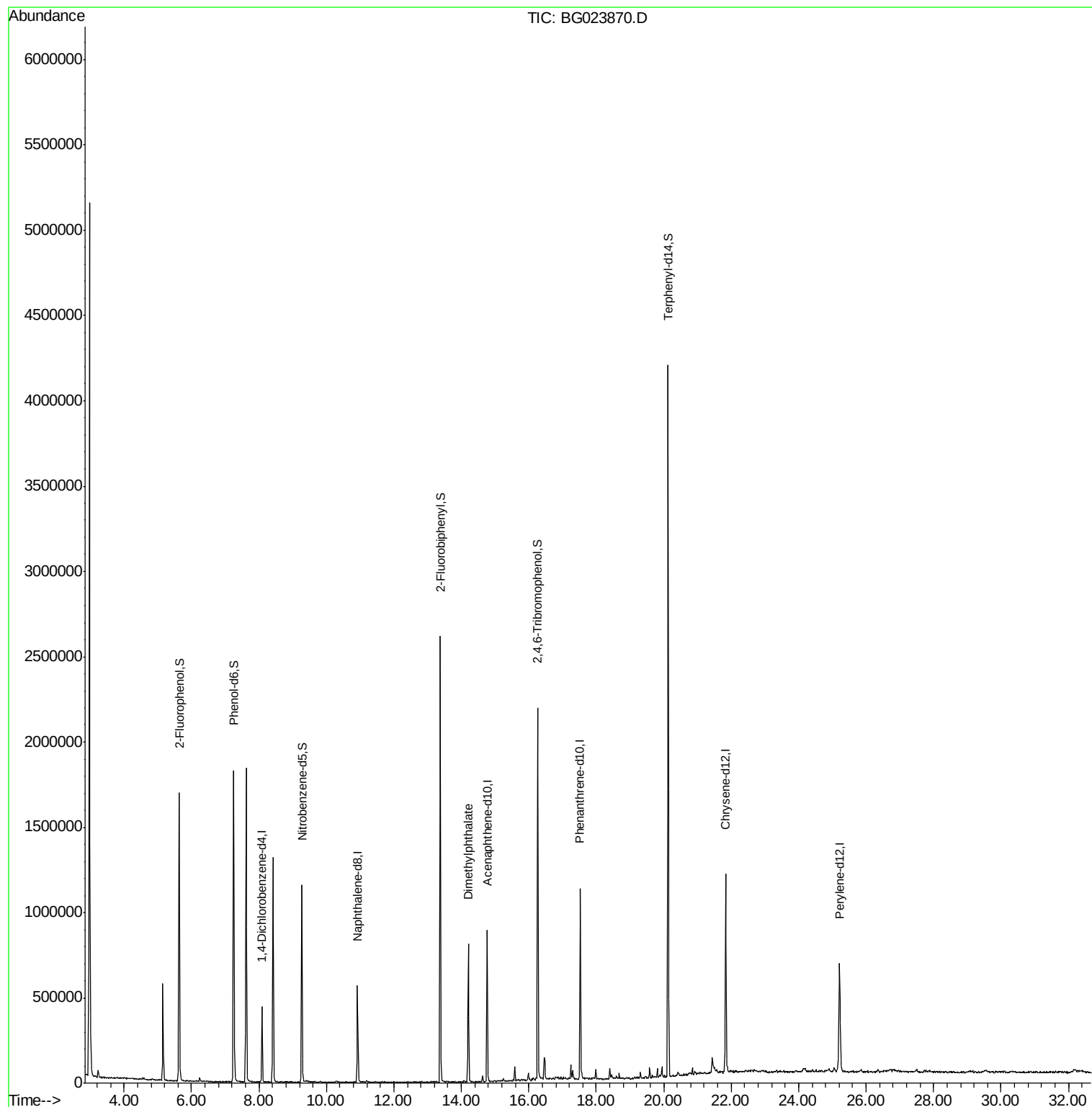
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	116415	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	479112	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	300491	20.00	ng	-0.02
63) Phenanthrene-d10	17.52	188	667331	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	701029	20.00	ng	-0.03
86) Perylene-d12	25.21	264	683922	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	725094	104.84	ng	-0.03
7) Phenol-d6	7.25	99	1091567	101.33	ng	-0.03
23) Nitrobenzene-d5	9.27	82	772419	80.15	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	385738	87.76	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1302785	73.13	ng	-0.02
78) Terphenyl-d14	20.13	244	1658058	70.82	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.20	163	492733	21.37	ng	Qvalue 97

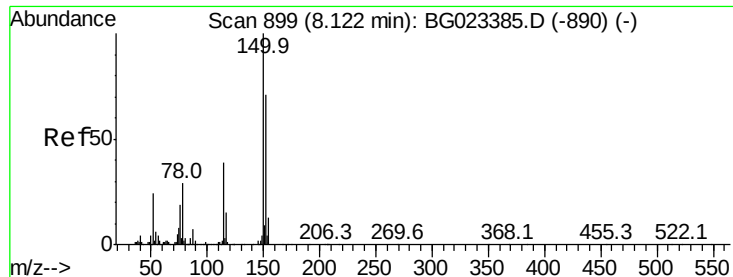
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023870.D

Acq: 24 Aug 2016 1:45

Instrument :

BNA_G

ClientSampleId :

P-4

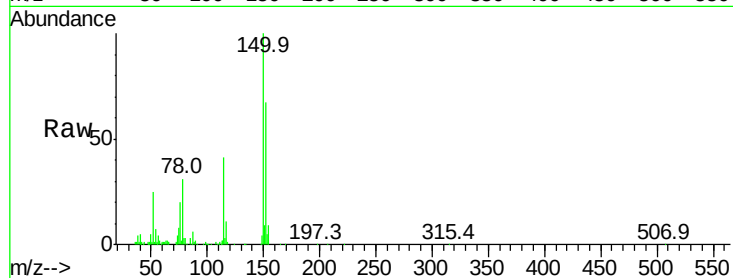
Tot Ion:152 Resp: 116415

Ion Ratio Lower Upper

152 100

150 149.6 144.7 217.1

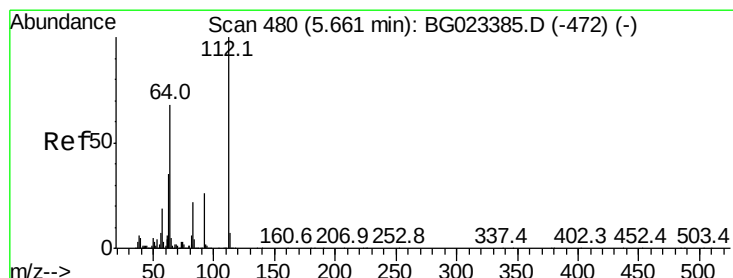
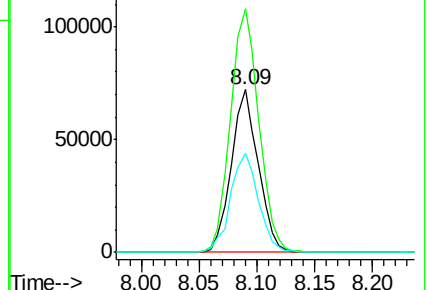
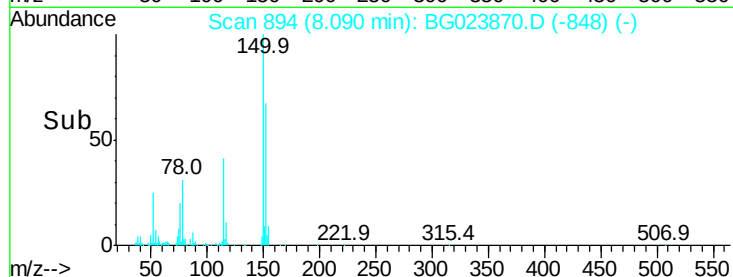
115 61.0 64.0 96.0#



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: 104.84 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.03 min

Lab File: BG023870.D

Acq: 24 Aug 2016 1:45

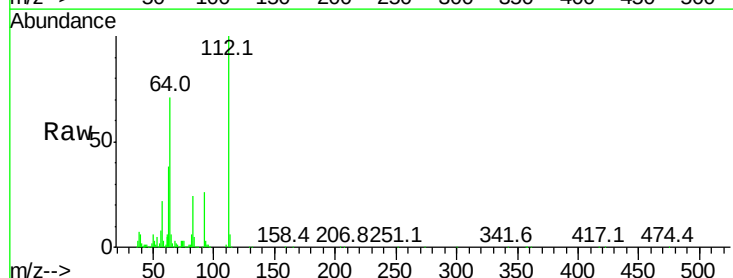
Tgt Ion:112 Resp: 725094

Ion Ratio Lower Upper

112 100

64 71.4 59.0 88.4

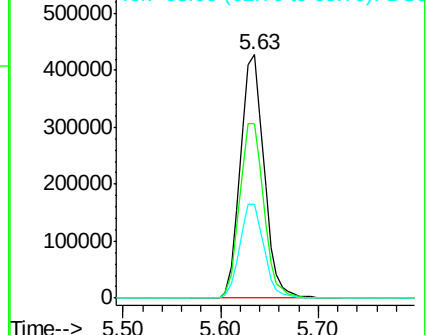
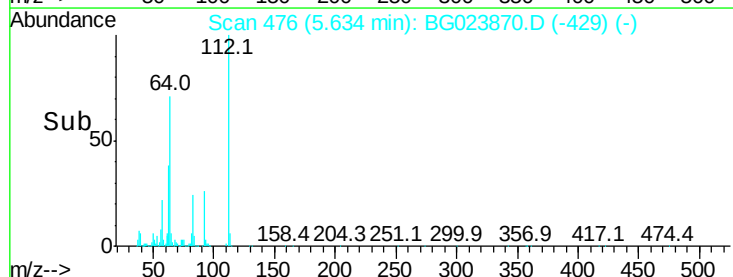
63 38.5 37.8 56.8

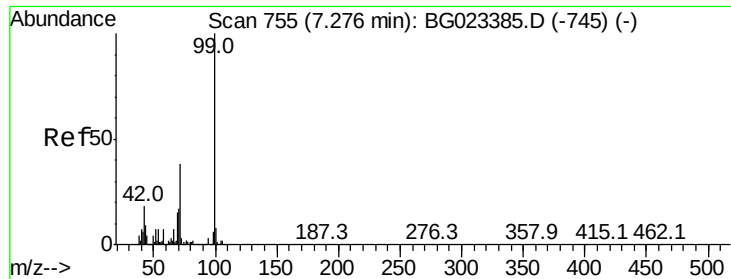


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 101.33 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023870.D

Acq: 24 Aug 2016 1:45

Instrument :

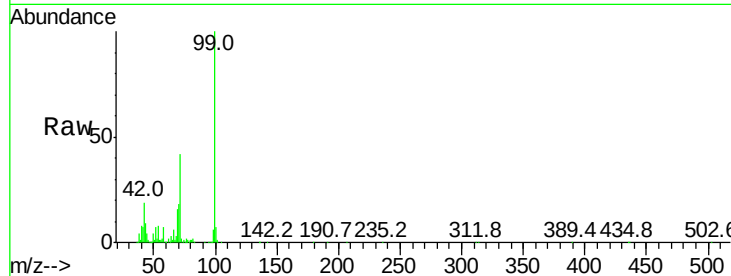
BNA_G

ClientSampleId :

P-4

Tot Ion: 99 Resp: 1091567

Ion	Ratio	Lower	Upper
99	100		
42	19.1	17.8	26.6
71	41.9	41.5	62.3

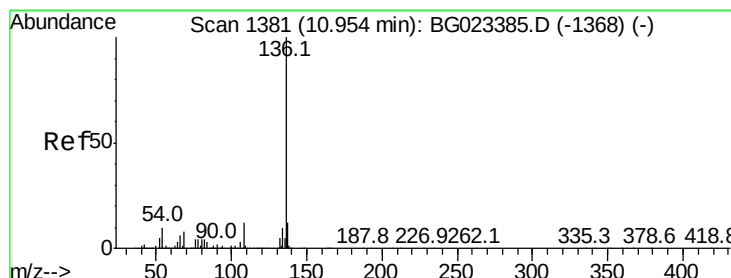
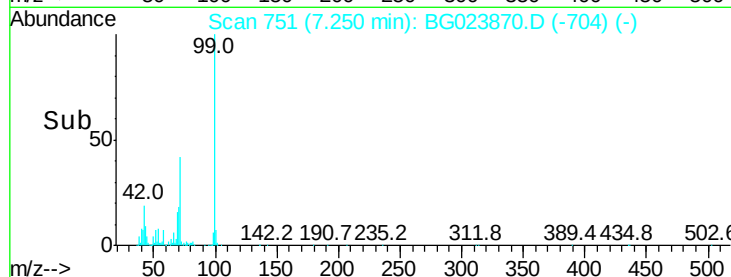
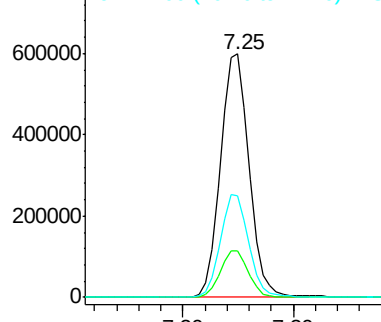


Abundance

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: 10.92 min Scan# 1376

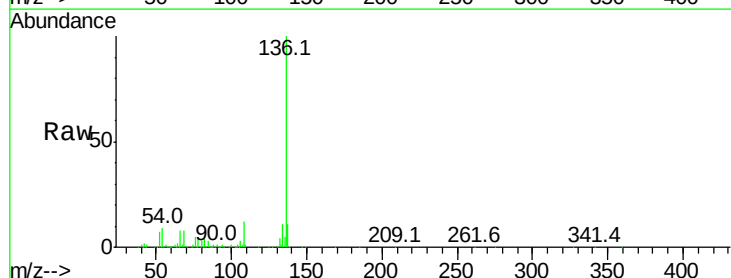
Delta R.T. -0.03 min

Lab File: BG023870.D

Acq: 24 Aug 2016 1:45

Tgt Ion: 136 Resp: 479112

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	9.2	7.3	10.9
68	7.9	5.3	7.9#



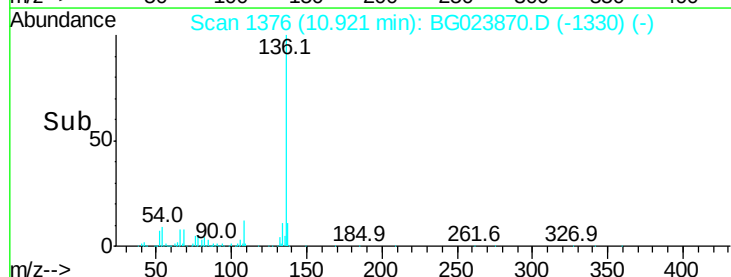
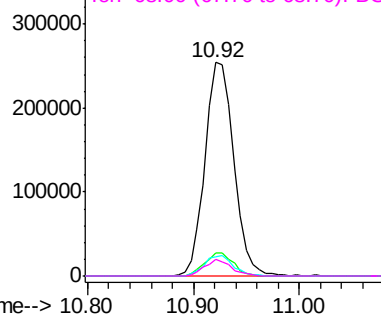
Abundance

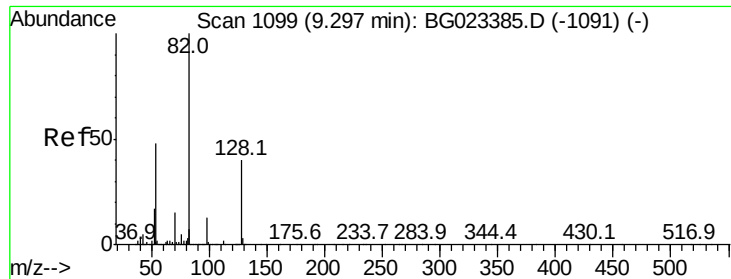
Ion 136.00 (135.70 to 136.70): BGC

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

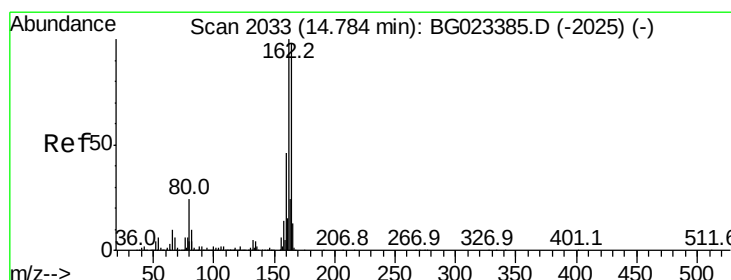
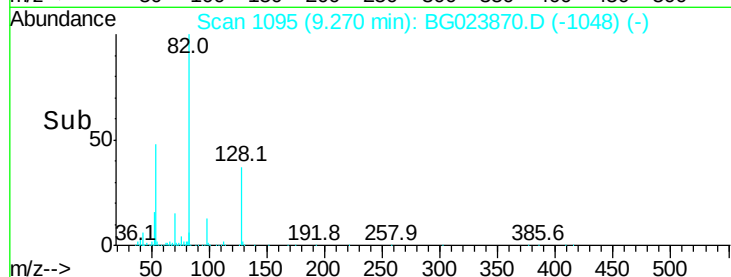
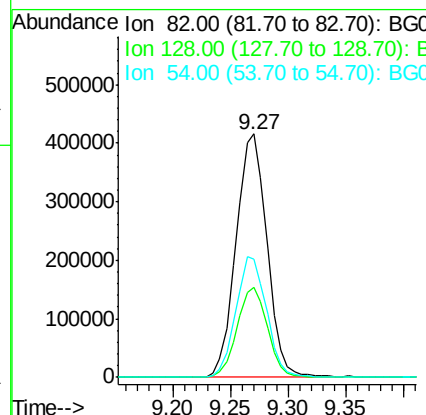
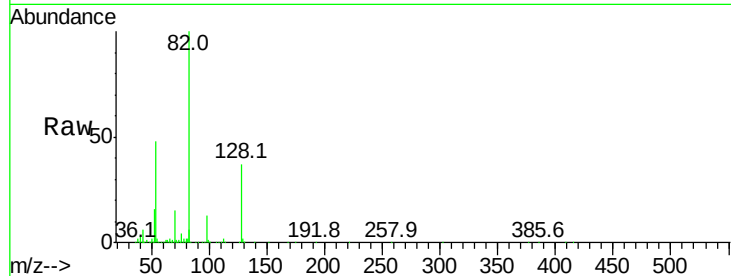




#23
 Nitrobenzene-d5
 Concen: 80.15 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023870.D
 Acq: 24 Aug 2016 1:45

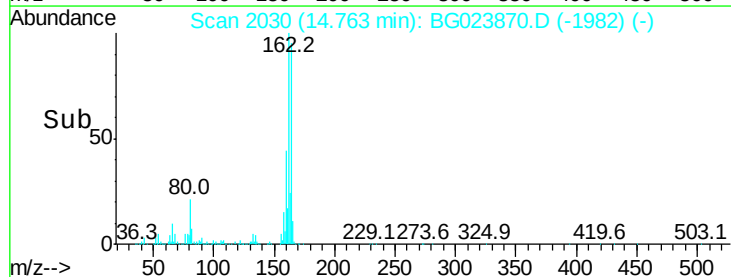
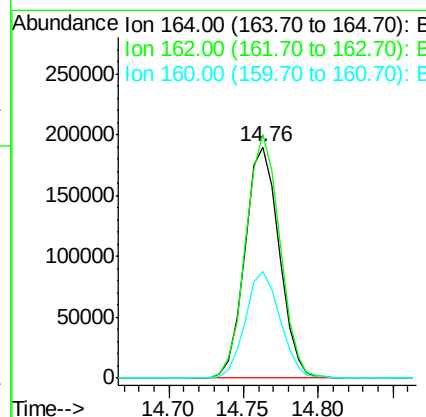
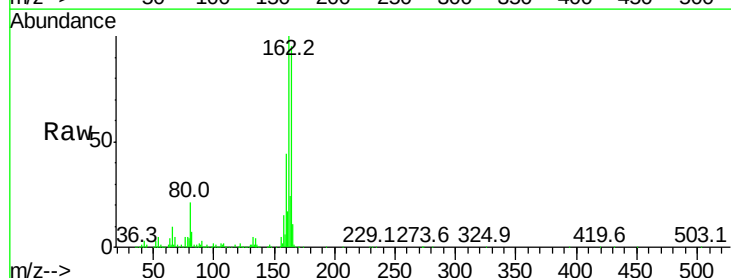
Instrument :
 BNA_G
 ClientSampled :
 P-4

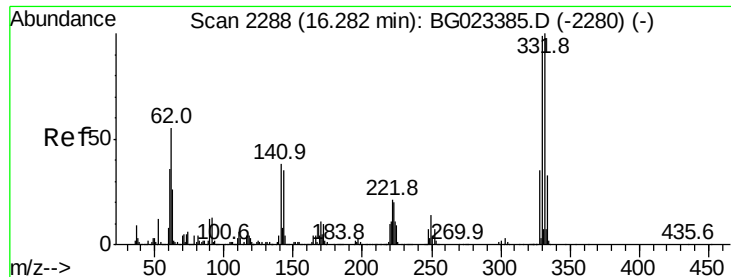
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.9	24.4	36.6#
54	48.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BG023870.D
 Acq: 24 Aug 2016 1:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	87.7	131.5
160	46.0	37.2	55.8

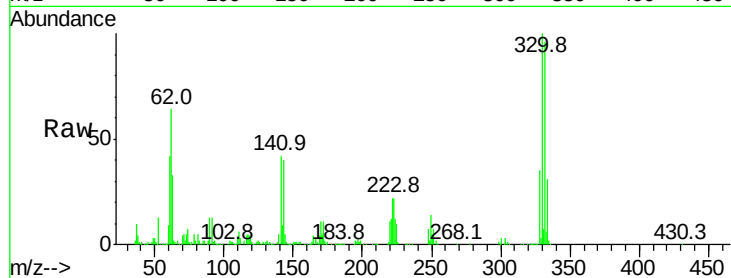




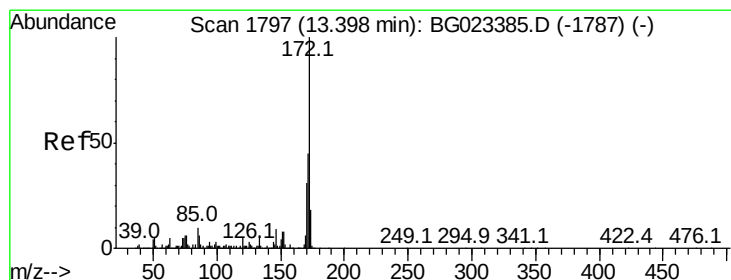
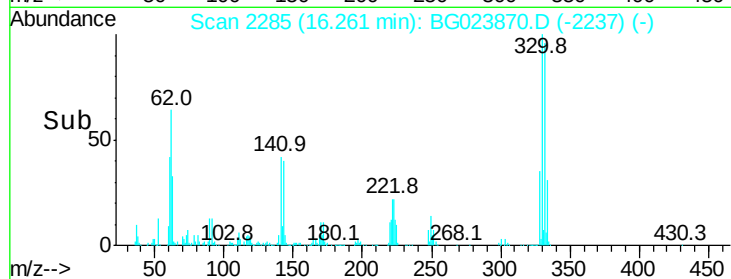
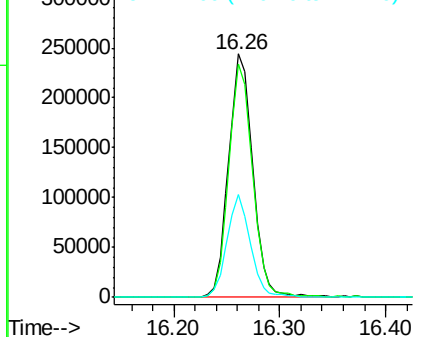
#41
 2,4,6-Tribromophenol
 Concen: 87.76 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. -0.02 min
 Lab File: BG023870.D
 Acq: 24 Aug 2016 1:45

Instrument :
 BNA_G
 ClientSampleId :
 P-4

Tot Ion:330 Resp: 385738
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.4 116.2
 141 40.8 31.7 47.5

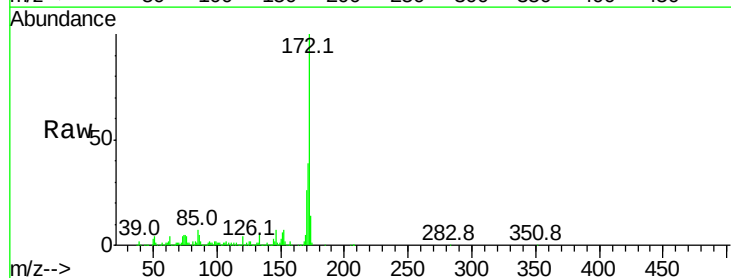


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

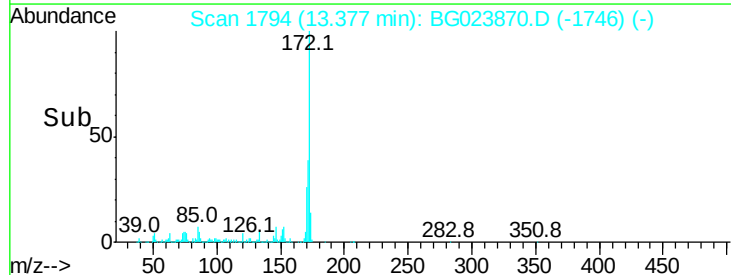
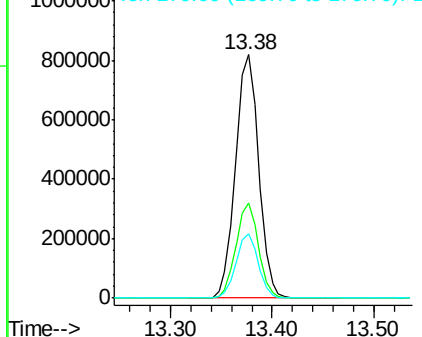


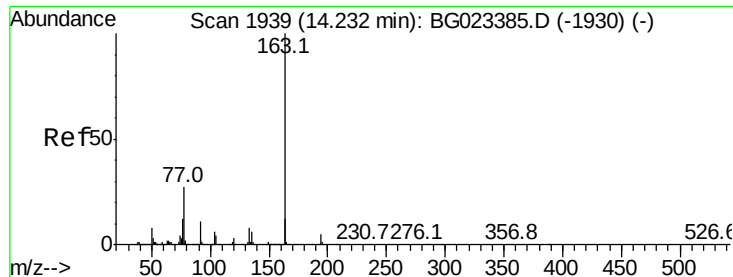
#44
 2-Fluorobiphenyl
 Concen: 73.13 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG023870.D
 Acq: 24 Aug 2016 1:45

Tgt Ion:172 Resp: 1302785
 Ion Ratio Lower Upper
 172 100
 171 39.1 31.6 47.4
 170 26.5 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: 21.37 ng

RT: 14.20 min Scan# 1935

Delta R.T. -0.03 min

Lab File: BG023870.D

Acq: 24 Aug 2016 1:45

Instrument :

BNA_G

ClientSampled :

P-4

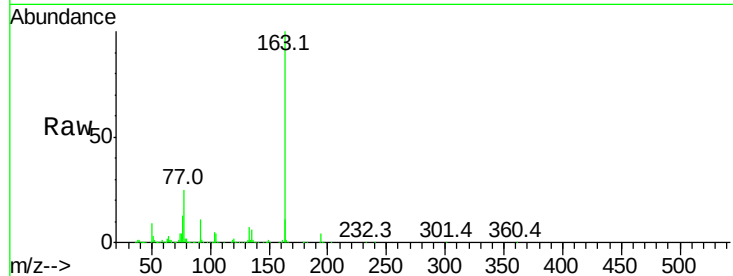
Tot Ion:163 Resp: 492733

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

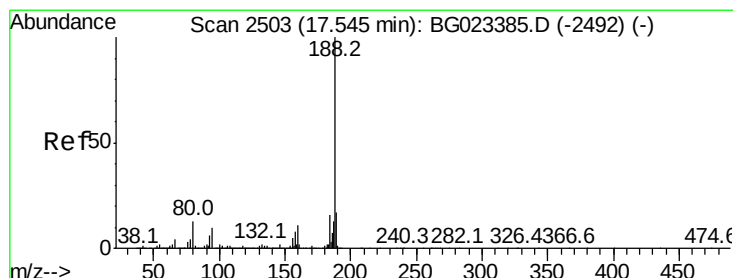
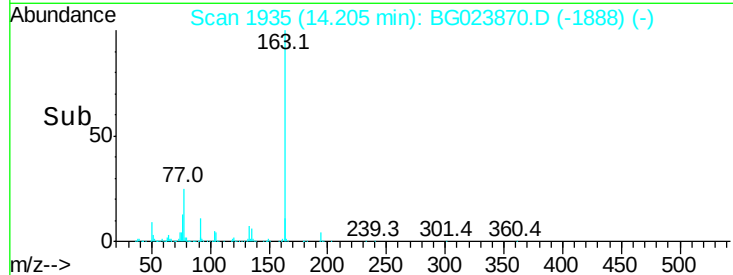
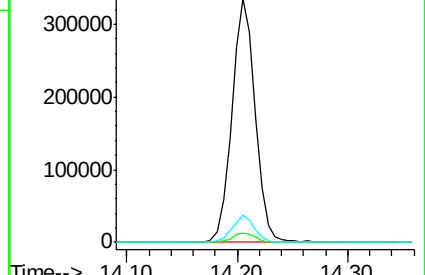
164 11.3 8.1 12.1



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: 17.52 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG023870.D

Acq: 24 Aug 2016 1:45

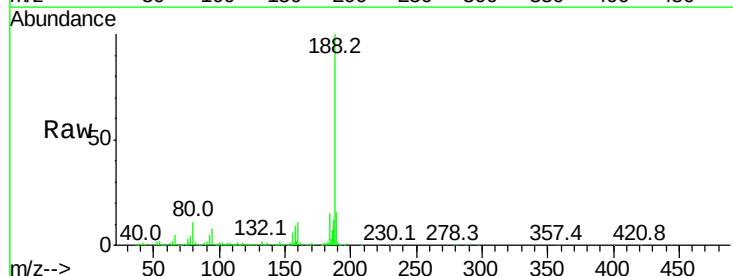
Tgt Ion:188 Resp: 667331

Ion Ratio Lower Upper

188 100

94 8.0 5.2 7.8#

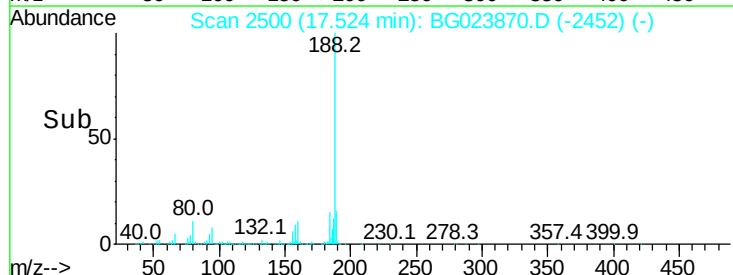
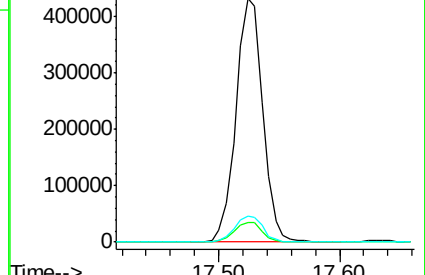
80 10.9 7.2 10.8#

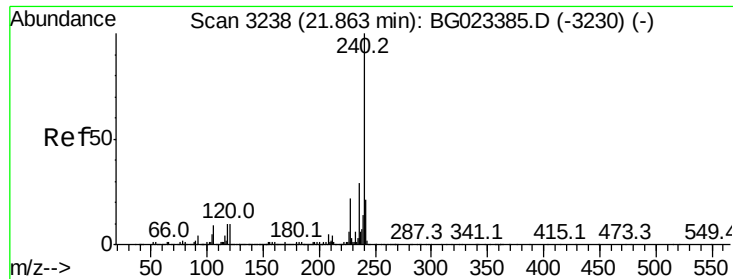


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.84 min Scan# 3234

Delta R.T. -0.03 min

Lab File: BG023870.D

Acq: 24 Aug 2016 1:45

Instrument :

BNA_G

ClientSampleId :

P-4

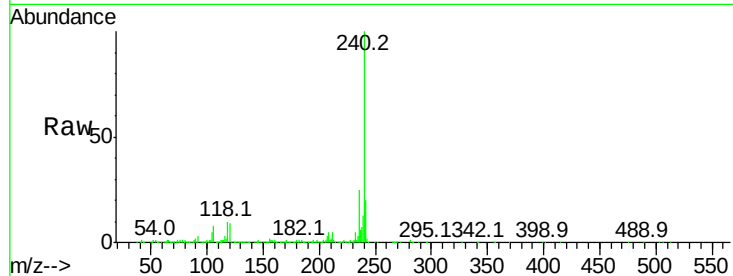
Tot Ion:240 Resp: 701029

Ion Ratio Lower Upper

240 100

120 8.8 4.1 6.1#

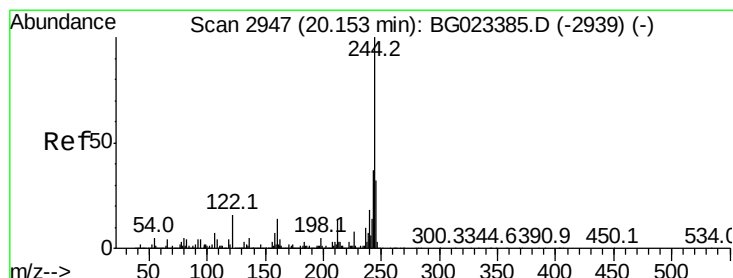
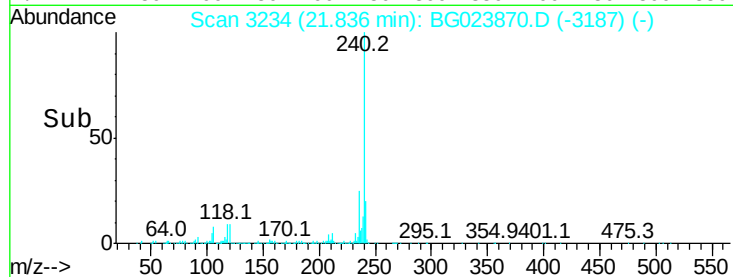
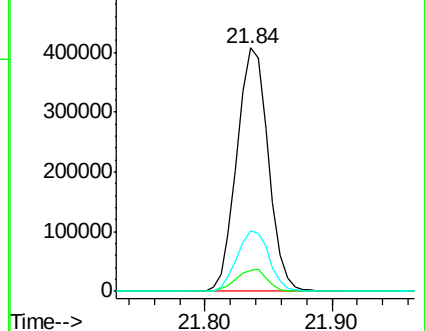
236 25.0 21.1 31.7



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: 70.82 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG023870.D

Acq: 24 Aug 2016 1:45

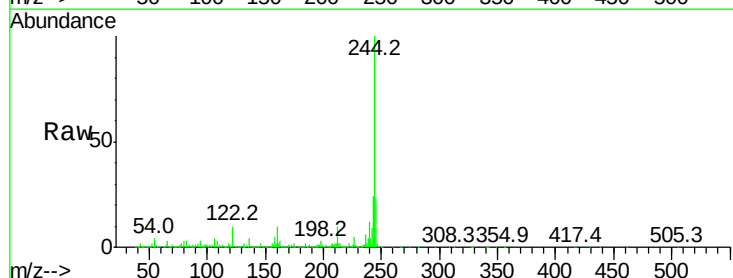
Tgt Ion:244 Resp: 1658058

Ion Ratio Lower Upper

244 100

212 9.7 10.8 16.2#

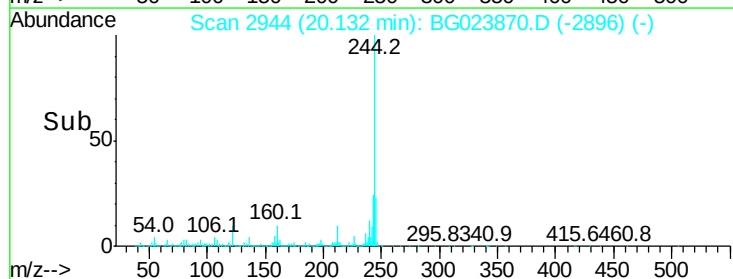
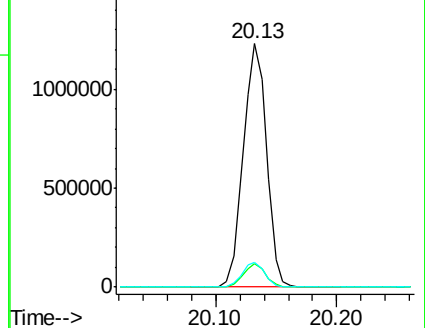
122 10.0 8.0 12.0

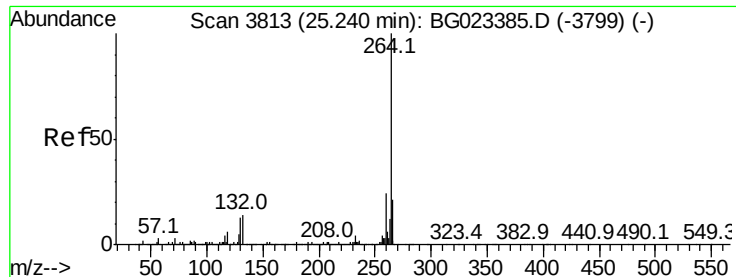


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.21 min Scan# 3809
Delta R.T. -0.03 min
Lab File: BG023870.D
Acq: 24 Aug 2016 1:45

Instrument :
BNA_G
ClientSampleId :
P-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	21.8	18.9	28.3

