

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
 Data File : BG023859.D
 Acq On : 23 Aug 2016 18:48
 Operator : UM/SJ
 Sample : H4556-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-16A(13-15)

Quant Time: Aug 24 01:46:23 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

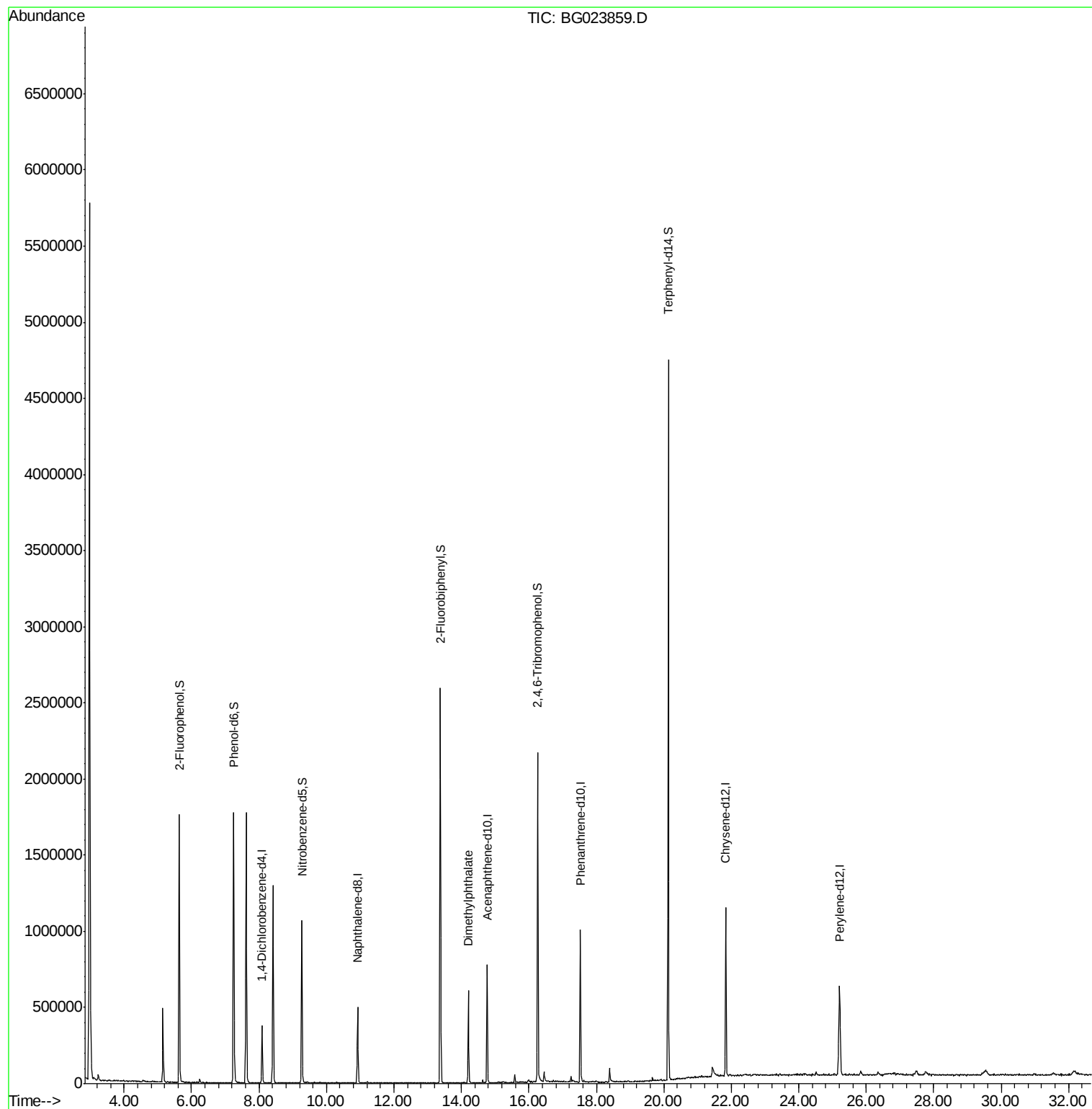
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	99039	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	409304	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	253789	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	607514	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	664235	20.00	ng	-0.03
86) Perylene-d12	25.21	264	655992	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	729119	123.92	ng	-0.02
7) Phenol-d6	7.25	99	1048020	114.36	ng	-0.03
23) Nitrobenzene-d5	9.27	82	708769	86.09	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	399882	107.72	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1338314	88.94	ng	-0.03
78) Terphenyl-d14	20.13	244	1922988	92.22	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.21	163	373380	19.18	ng	Qvalue 99

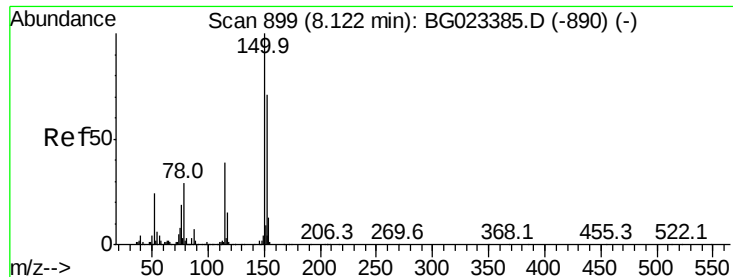
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.03 min

Lab File: BG023859.D

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Instrument :

BNA_G

ClientSampleId :

SB-16A(13-15)

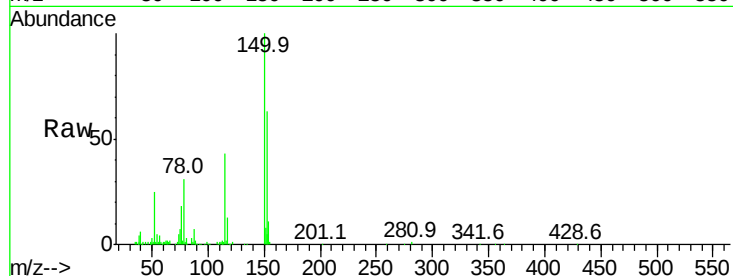
Tot Ion:152 Resp: 99039

Ion Ratio Lower Upper

152 100

150 158.1 144.7 217.1

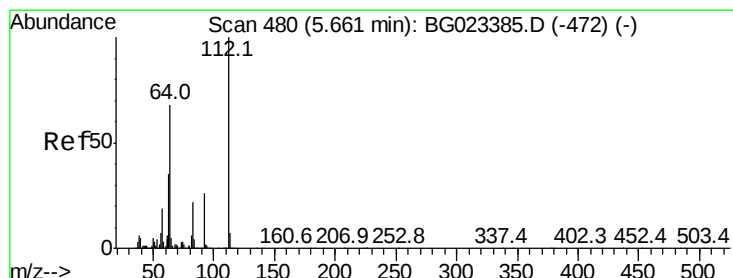
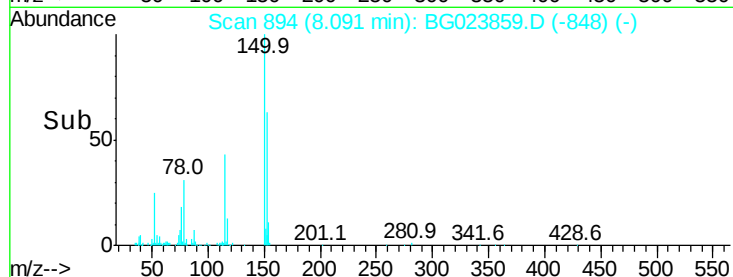
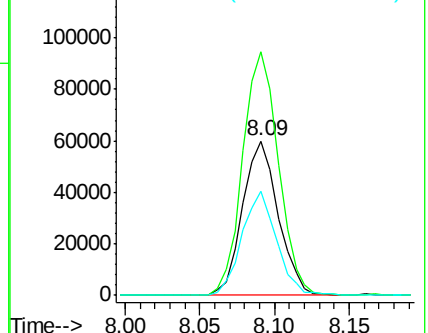
115 67.4 64.0 96.0



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: 123.92 ng

RT: 5.64 min Scan# 476

Delta R.T. -0.02 min

Lab File: BG023859.D

Acq: 23 Aug 2016 18:48

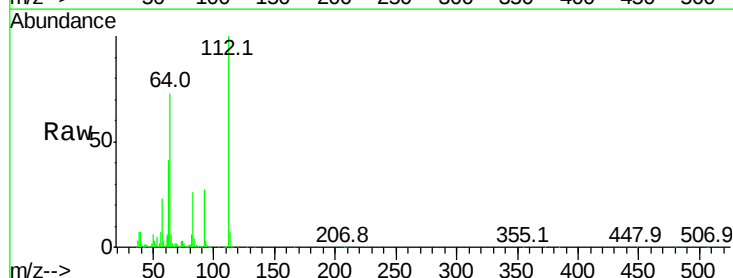
Tgt Ion:112 Resp: 729119

Ion Ratio Lower Upper

112 100

64 73.3 59.0 88.4

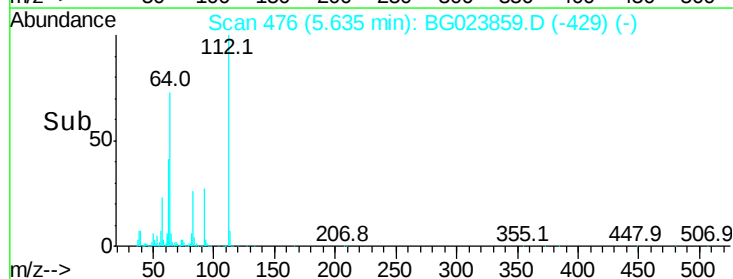
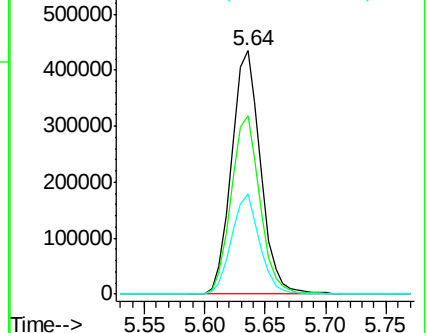
63 41.4 37.8 56.8

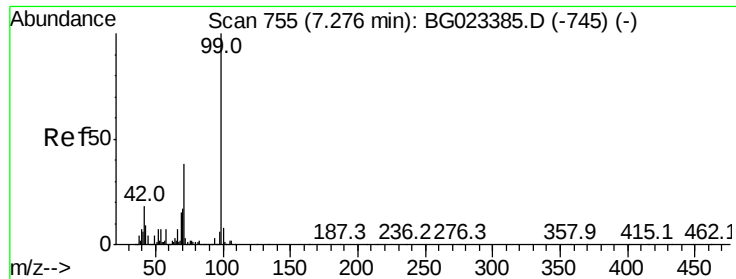


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 114.36 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023859.D

Acq: 23 Aug 2016 18:48

Instrument :

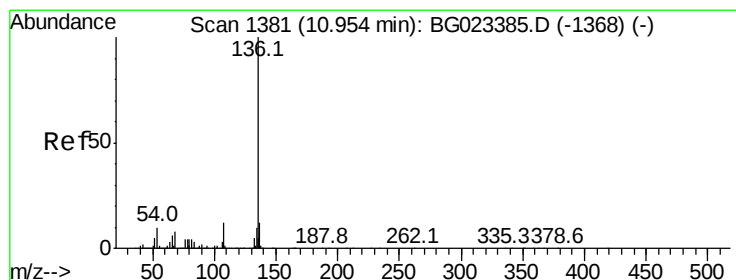
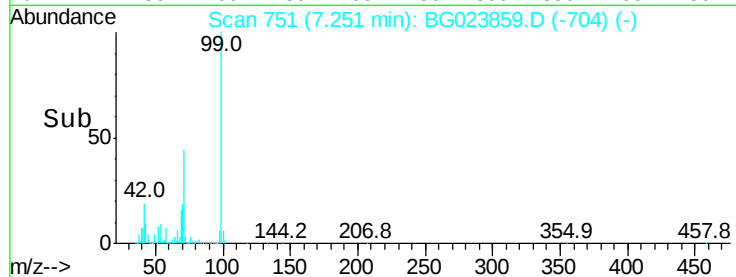
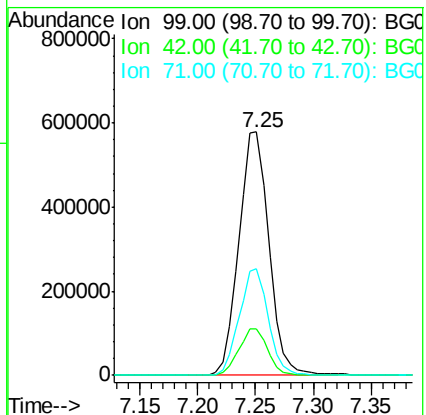
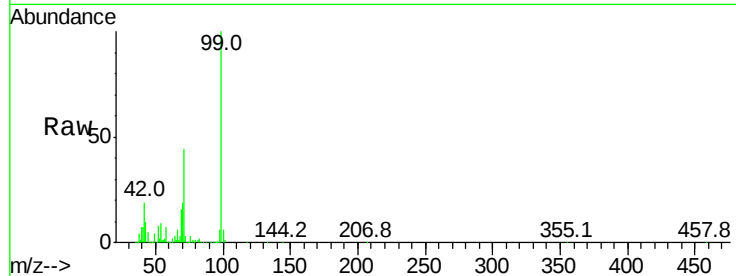
BNA_G

ClientSampleId :

SB-16A(13-15)

Tot Ion: 99 Resp: 1048020

Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.8	26.6
71	43.7	41.5	62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.92 min Scan# 1376

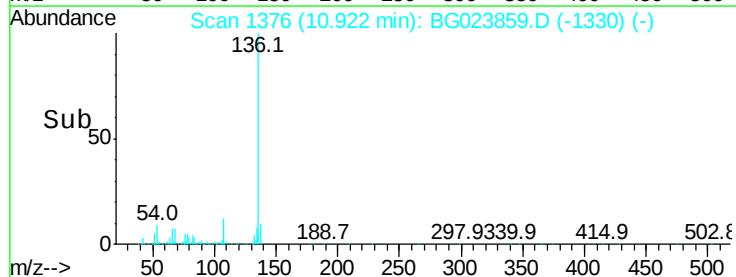
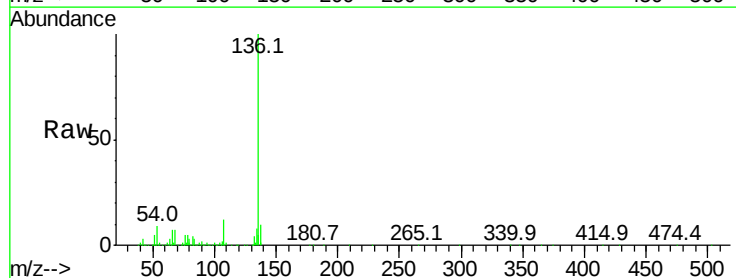
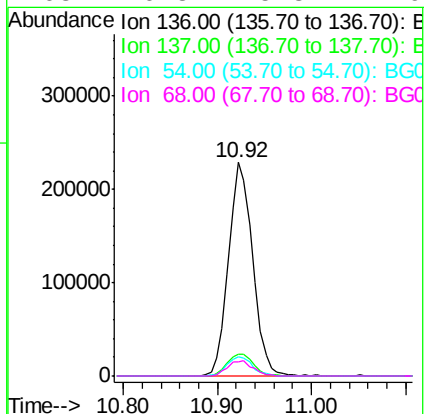
Delta R.T. -0.03 min

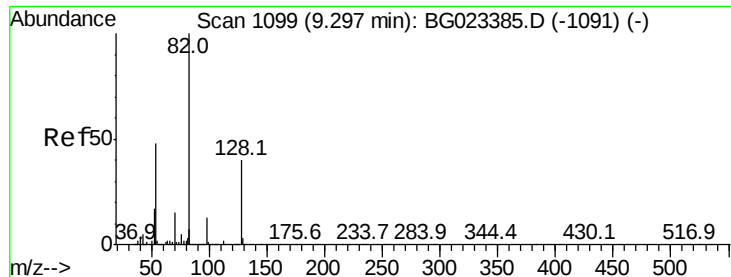
Lab File: BG023859.D

Acq: 23 Aug 2016 18:48

Tgt Ion: 136 Resp: 409304

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.6	14.4
54	9.3	7.3	10.9
68	6.8	5.3	7.9

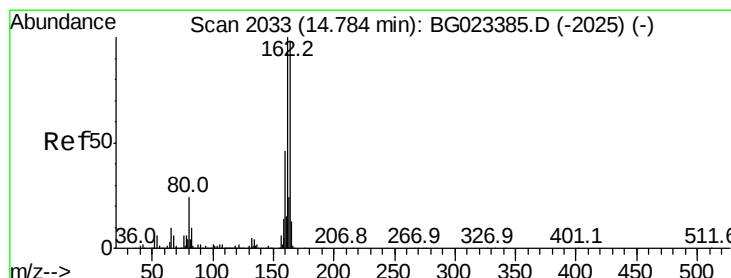
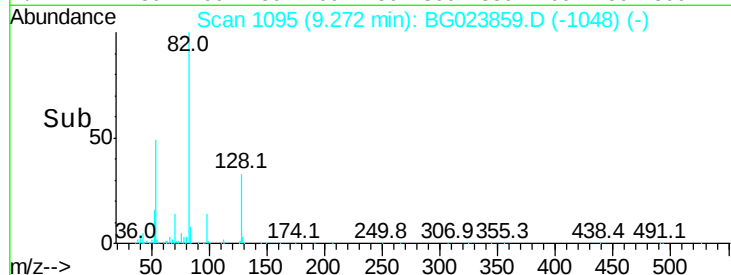
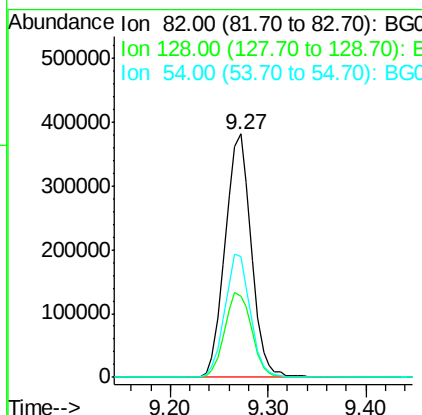
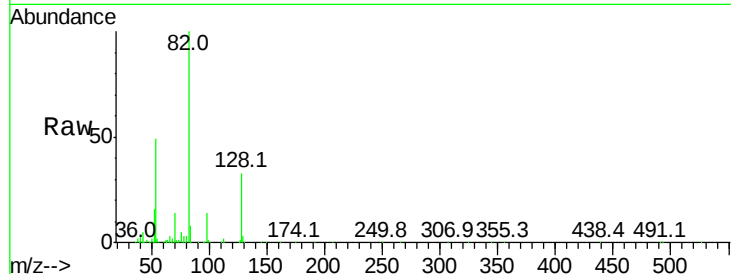




#23
 Nitrobenzene-d5
 Concen: 86.09 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023859.D
 Acq: 23 Aug 2016 18:48

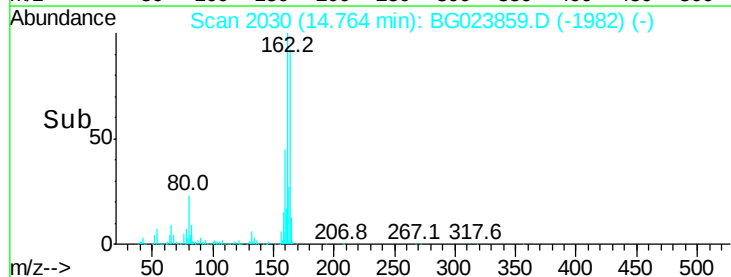
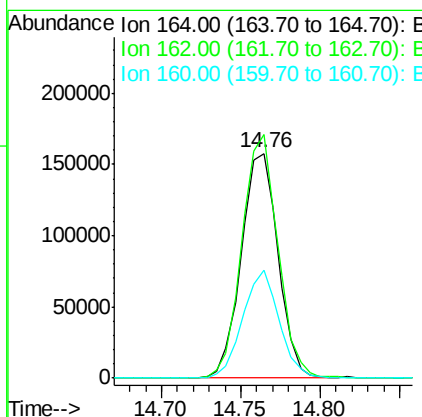
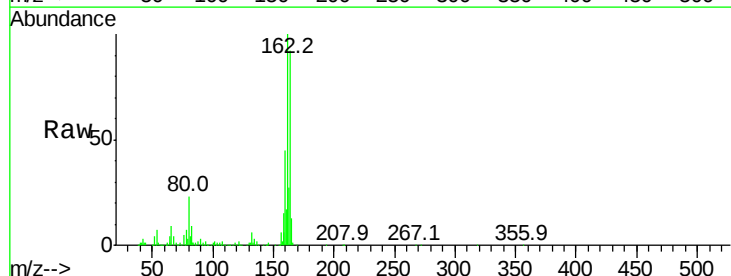
Instrument :
 BNA_G
 ClientSampleId :
 SB-16A(13-15)

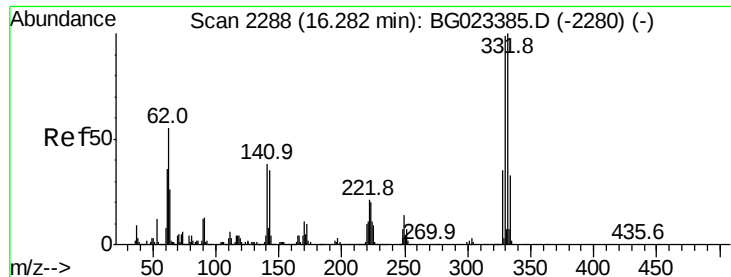
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.5	24.4	36.6
54	49.5	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BG023859.D
 Acq: 23 Aug 2016 18:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.5	87.7	131.5
160	48.3	37.2	55.8

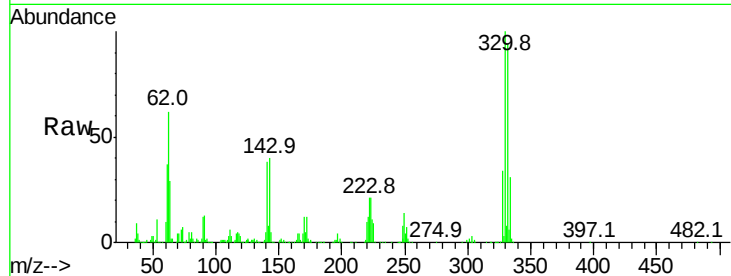




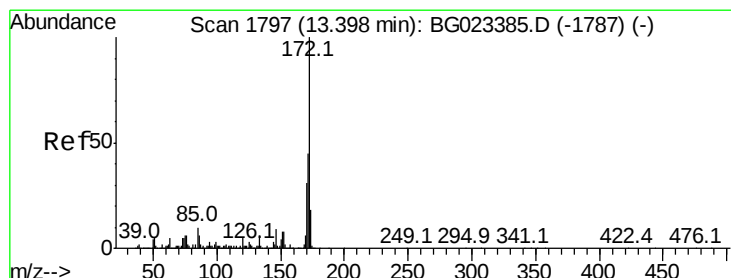
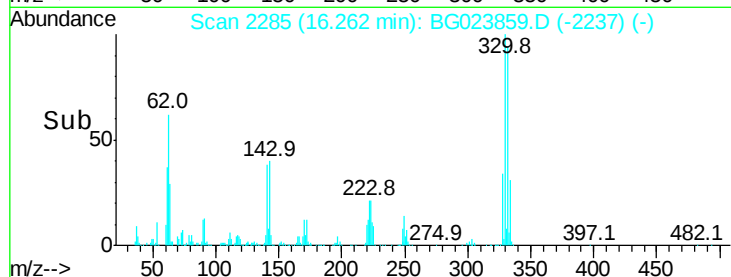
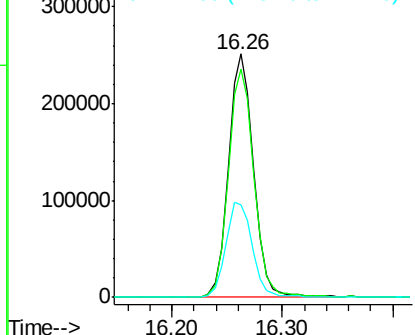
#41
 2,4,6-Tribromophenol
 Concen: 107.72 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. -0.02 min
 Lab File: BG023859.D
 Acq: 23 Aug 2016 18:48

Instrument :
 BNA_G
 ClientSampleId :
 SB-16A(13-15)

Tot Ion:330 Resp: 399882
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 41.1 31.7 47.5

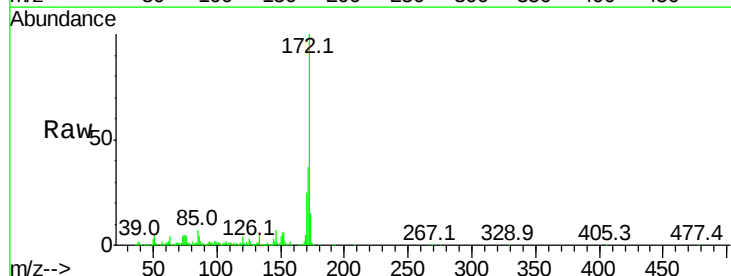


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

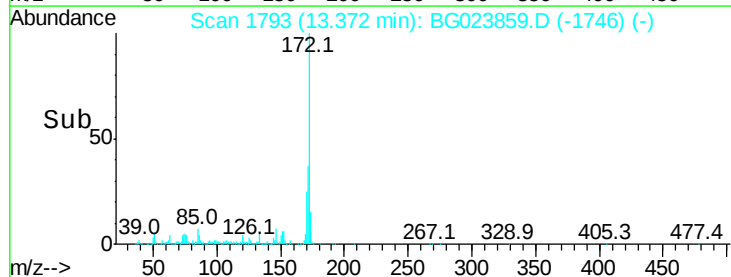
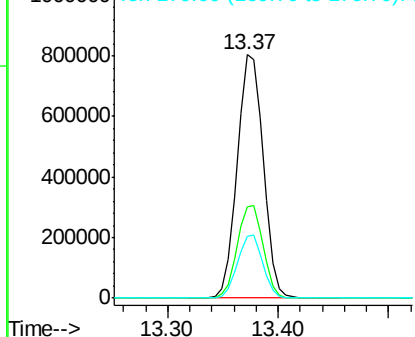


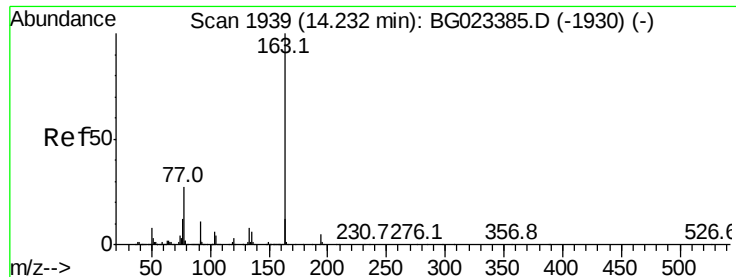
#44
 2-Fluorobiphenyl
 Concen: 88.94 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.03 min
 Lab File: BG023859.D
 Acq: 23 Aug 2016 18:48

Tgt Ion:172 Resp: 1338314
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.6 47.4
 170 25.4 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: 19.18 ng

RT: 14.21 min Scan# 1935

Delta R.T. -0.03 min

Lab File: BG023859.D

Acq: 23 Aug 2016 18:48

Instrument :

BNA_G

ClientSampleId :

SB-16A(13-15)

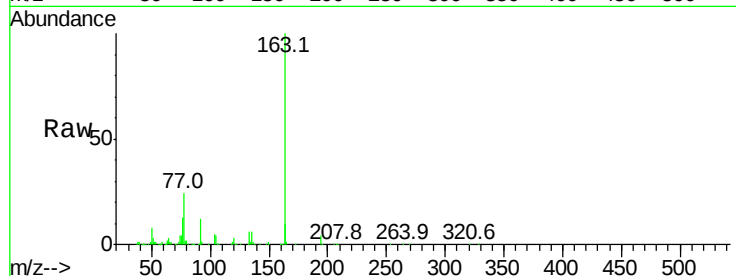
Tot Ion:163 Resp: 373380

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

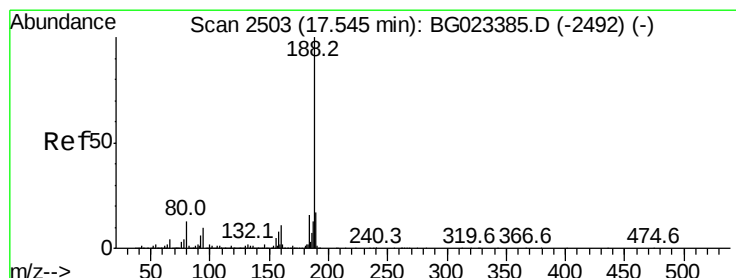
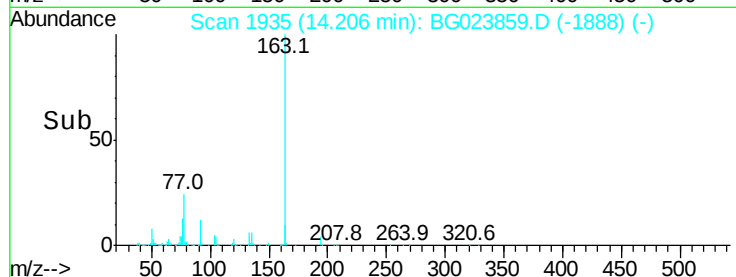
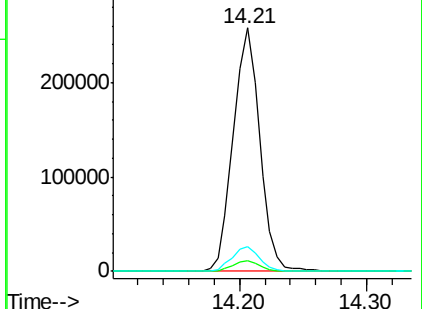
164 10.3 8.1 12.1



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: 17.53 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG023859.D

Acq: 23 Aug 2016 18:48

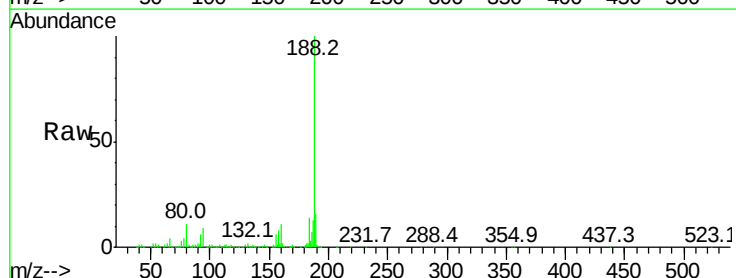
Tgt Ion:188 Resp: 607514

Ion Ratio Lower Upper

188 100

94 8.7 5.2 7.8#

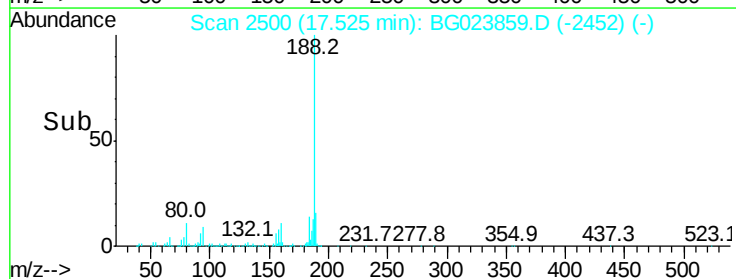
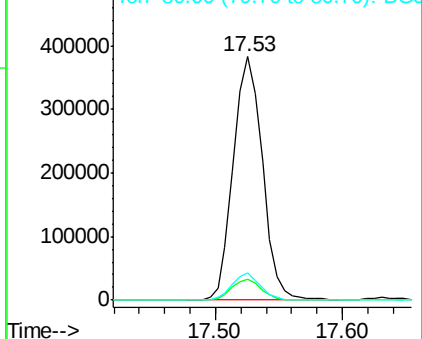
80 11.1 7.2 10.8#

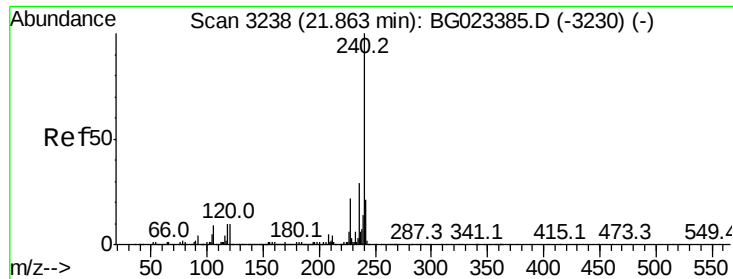


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG023859.D

Acq: 23 Aug 2016 18:48

Instrument :

BNA_G

ClientSampleId :

SB-16A(13-15)

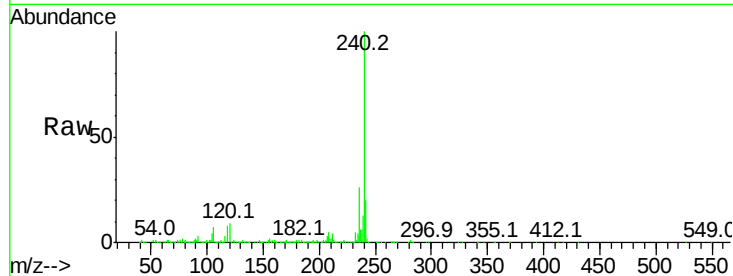
Tot Ion:240 Resp: 664235

Ion Ratio Lower Upper

240 100

120 8.6 4.1 6.1#

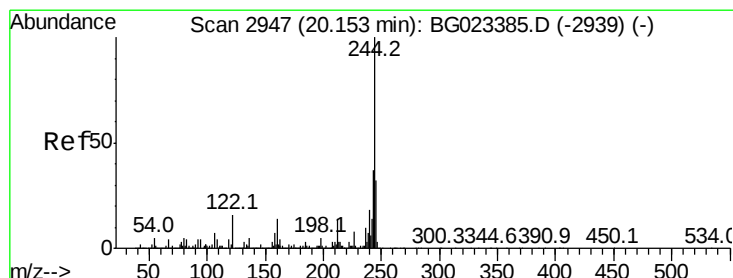
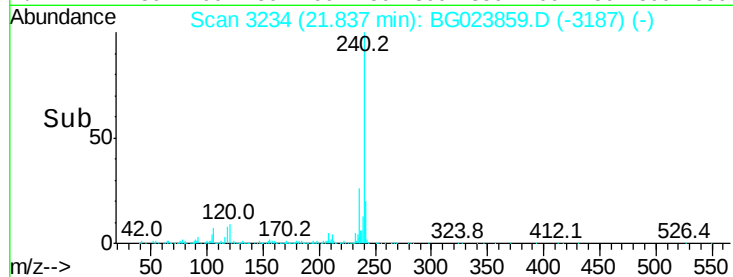
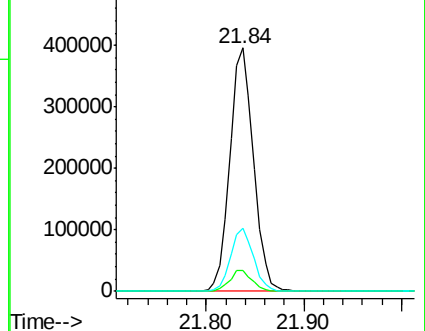
236 26.1 21.1 31.7



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: 92.22 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG023859.D

Acq: 23 Aug 2016 18:48

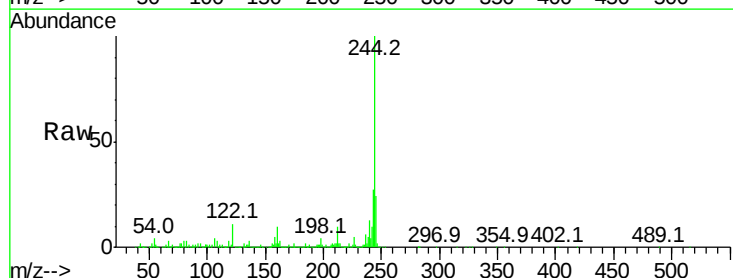
Tgt Ion:244 Resp: 1922988

Ion Ratio Lower Upper

244 100

212 10.3 10.8 16.2#

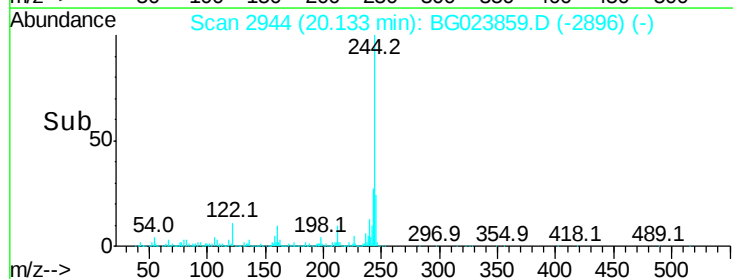
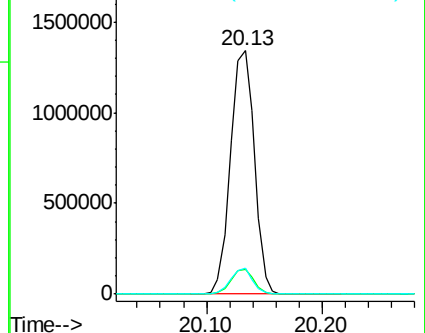
122 10.6 8.0 12.0

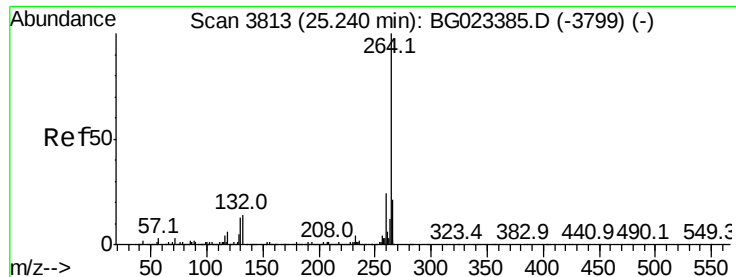


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

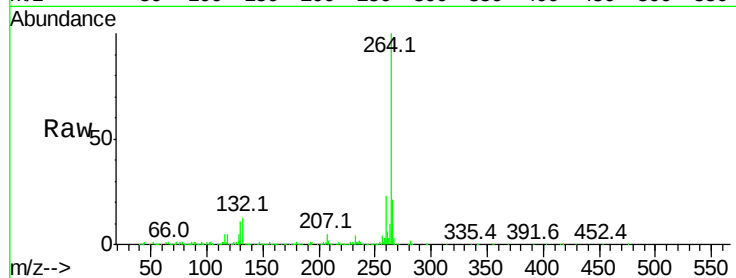




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. -0.03 min
Lab File: BG023859.D
Acq: 23 Aug 2016 18:48

Instrument :
BNA_G
ClientSampleId :
SB-16A(13-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	21.4	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

