

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
 Data File : BG023867.D
 Acq On : 23 Aug 2016 23:51
 Operator : UM/SJ
 Sample : H4556-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-14B(13-15)

Quant Time: Aug 24 01:58:46 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

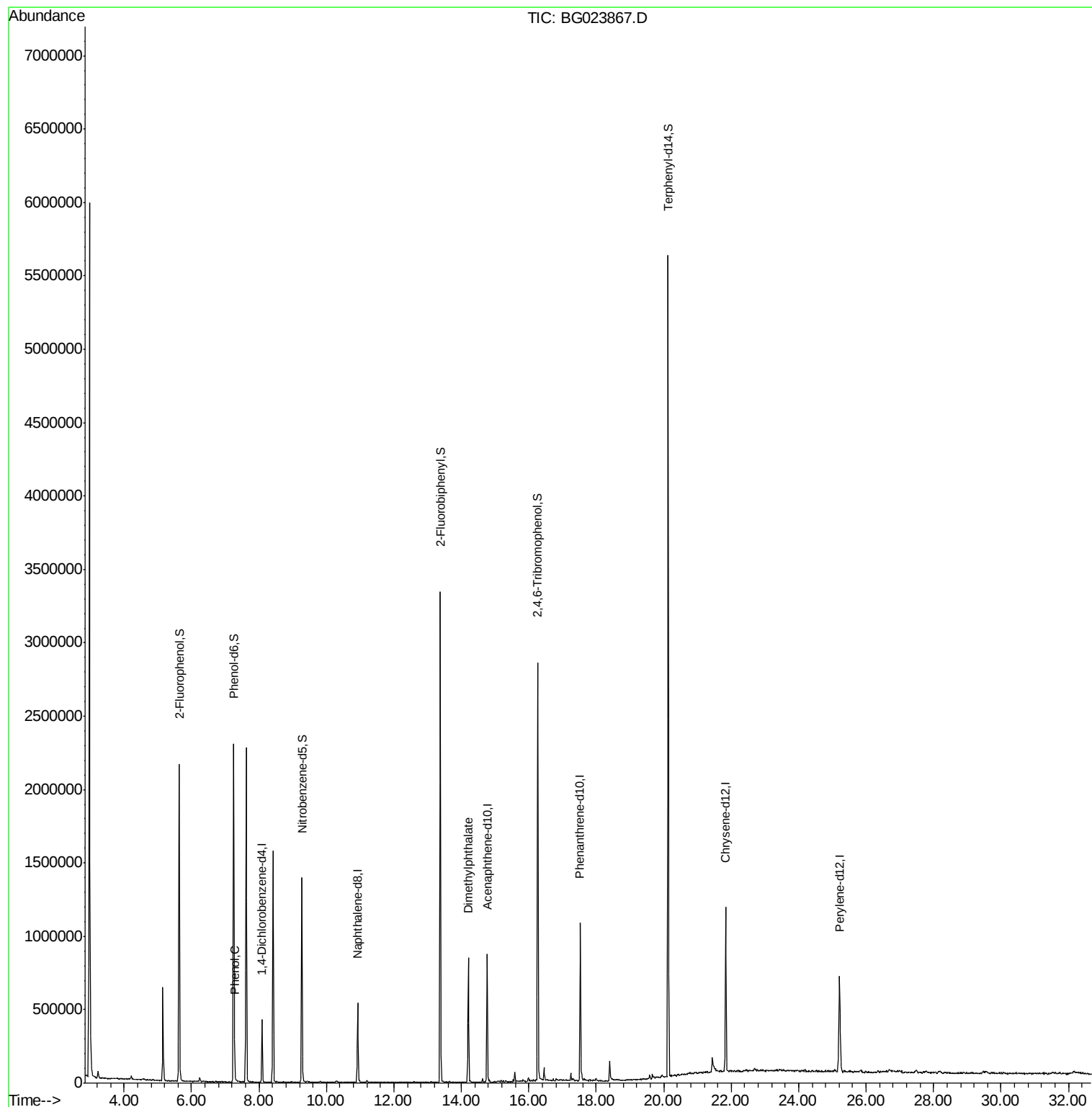
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	110330	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	457306	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	282515	20.00	ng	-0.02
63) Phenanthrene-d10	17.52	188	659992	20.00	ng	-0.02
75) Chrysene-d12	21.83	240	698996	20.00	ng	-0.03
86) Perylene-d12	25.21	264	681739	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	907259	138.42	ng	-0.03
7) Phenol-d6	7.25	99	1321537	129.45	ng	-0.03
23) Nitrobenzene-d5	9.27	82	923183	100.36	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	519733	125.77	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1653828	98.74	ng	-0.02
78) Terphenyl-d14	20.13	244	2106021	96.99	ng	-0.02
Target Compounds						
10) Phenol	7.28	94	23938	2.19	ng	93
49) Dimethylphthalate	14.20	163	532285	24.56	ng	98

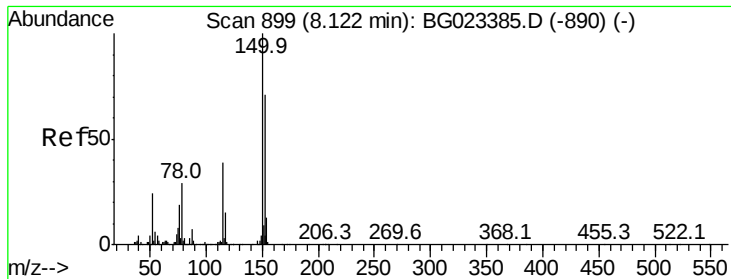
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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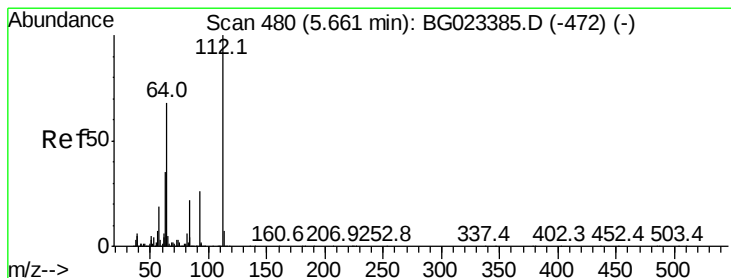
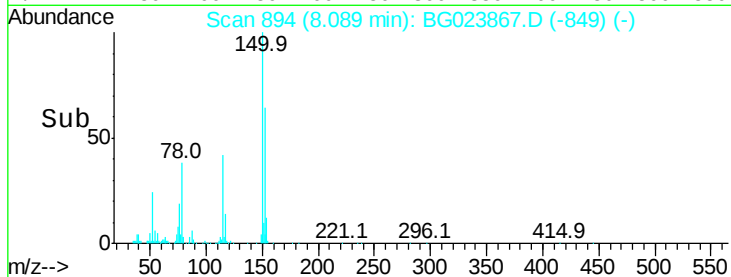
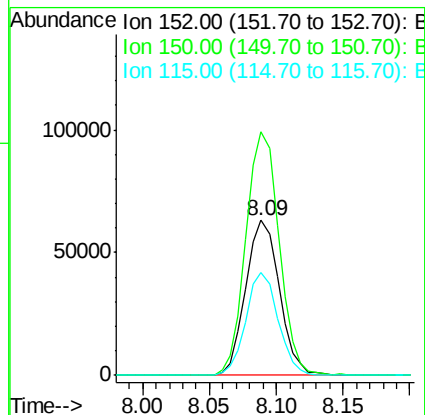
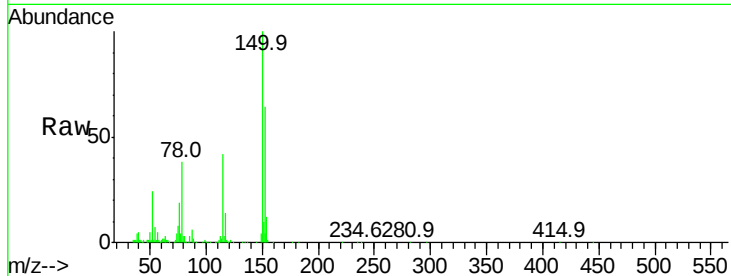


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023867.D
Acq: 23 Aug 2016 23:51

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)

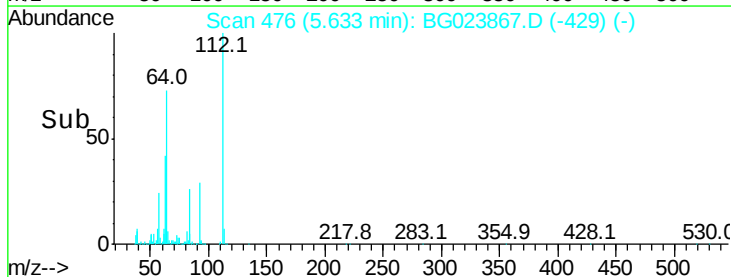
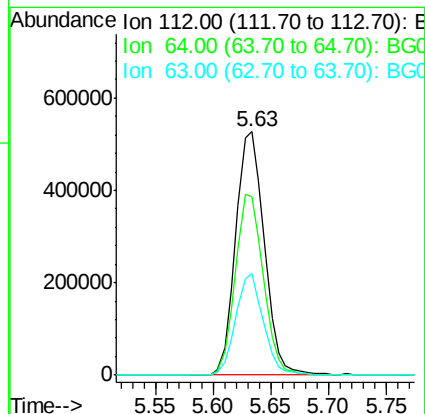
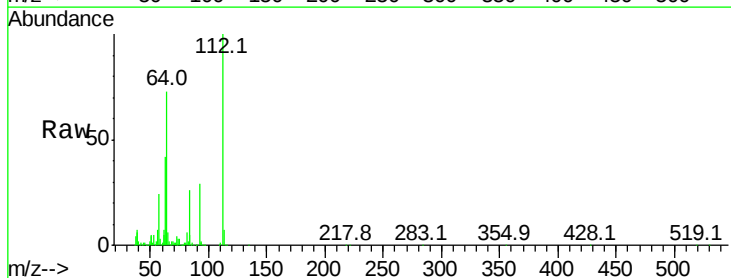
Tot Ion:152 Resp: 110330
Ion Ratio Lower Upper
152 100
150 157.1 144.7 217.1
115 66.1 64.0 96.0

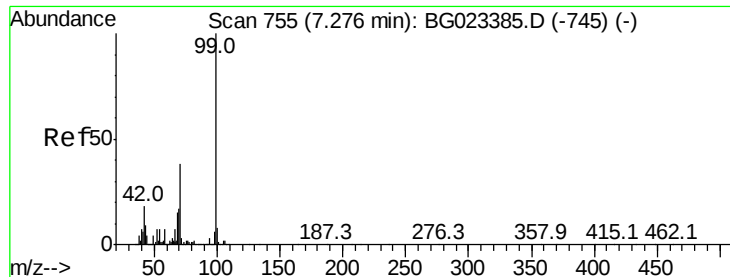


#5

2-Fluorophenol
Concen: 138.42 ng
RT: 5.63 min Scan# 476
Delta R.T. -0.03 min
Lab File: BG023867.D
Acq: 23 Aug 2016 23:51

Tgt Ion:112 Resp: 907259
Ion Ratio Lower Upper
112 100
64 73.0 59.0 88.4
63 41.5 37.8 56.8





#7

Phenol-d6

Concen: 129.45 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023867.D

Acq: 23 Aug 2016 23:51

Instrument :

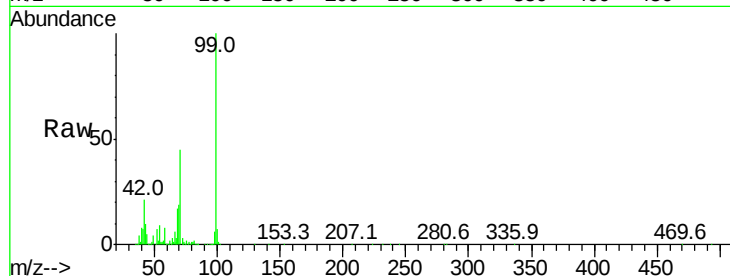
BNA_G

ClientSampleId :

SB-14B(13-15)

Tot Ion: 99 Resp: 1321537

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.8	26.6
71	44.6	41.5	62.3

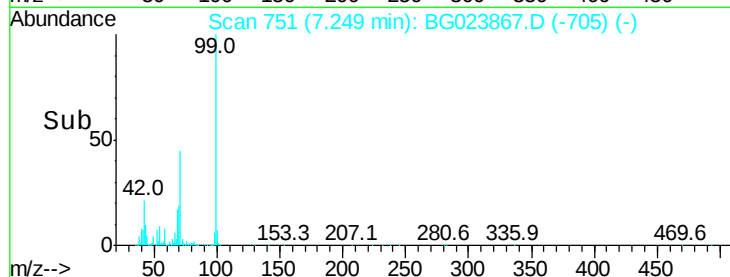


Abundance

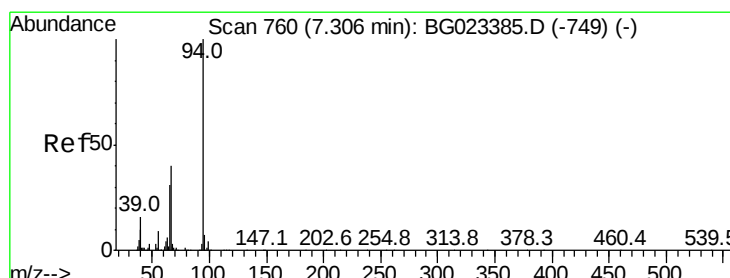
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#10

Phenol

Concen: 2.19 ng

RT: 7.28 min Scan# 756

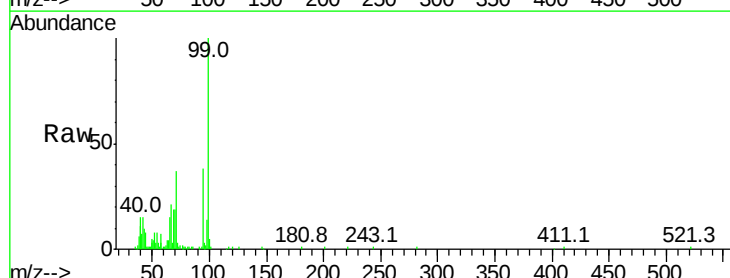
Delta R.T. -0.03 min

Lab File: BG023867.D

Acq: 23 Aug 2016 23:51

Tgt Ion: 94 Resp: 23938

Ion	Ratio	Lower	Upper
94	100		
65	39.9	18.1	58.1
66	54.4	42.1	82.1

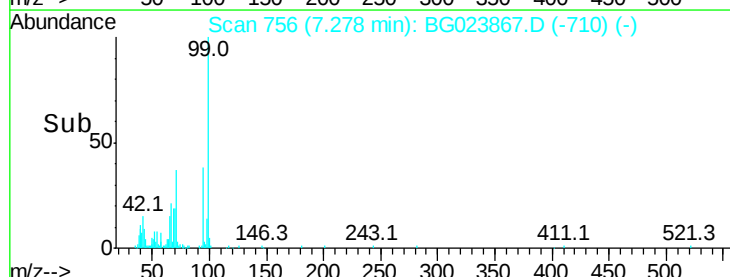


Abundance

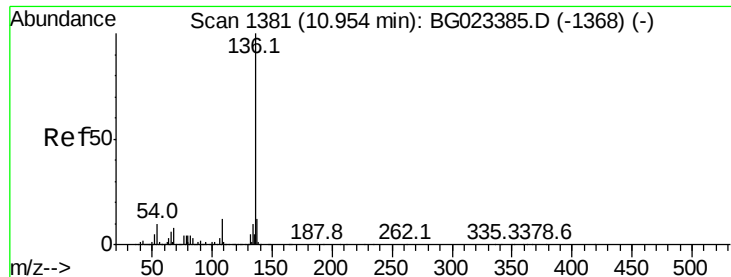
Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



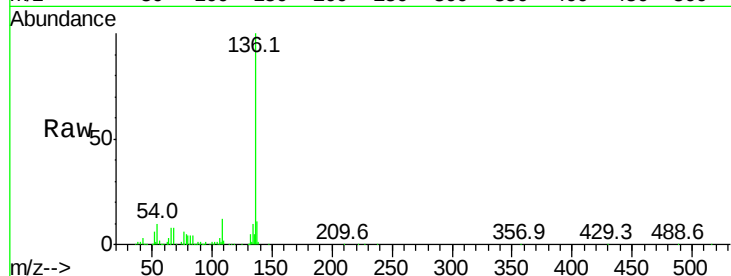
Time-->



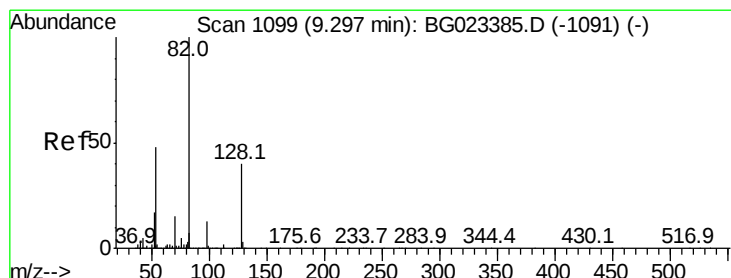
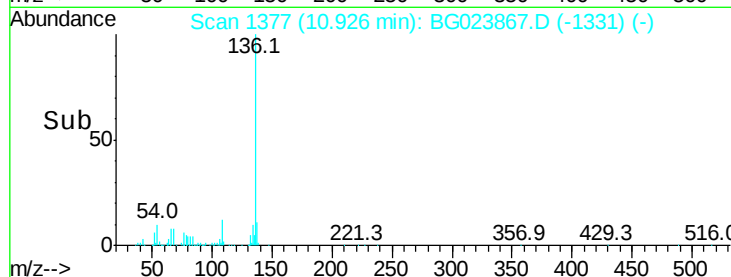
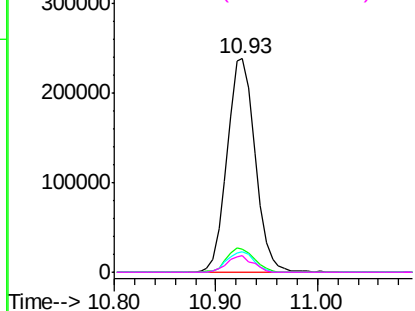
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.03 min
Lab File: BG023867.D
Acq: 23 Aug 2016 23:51

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)

Tot Ion:136	Resp:	457306
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.6 14.4
54	9.7	7.3 10.9
68	7.6	5.3 7.9

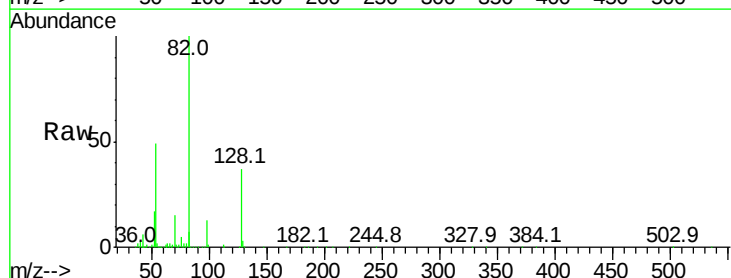


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

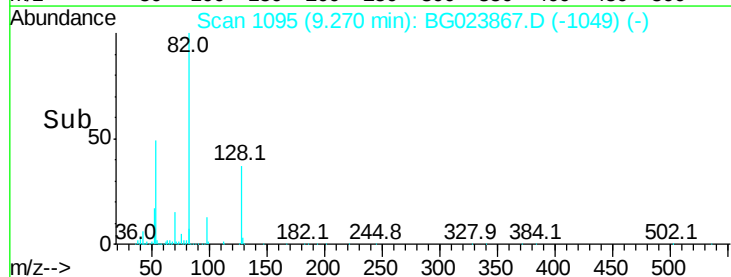
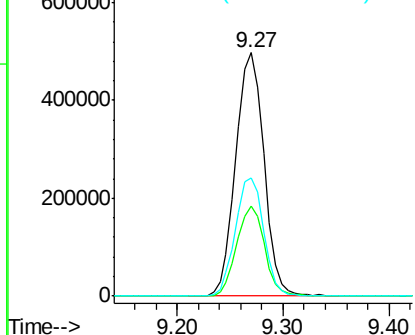


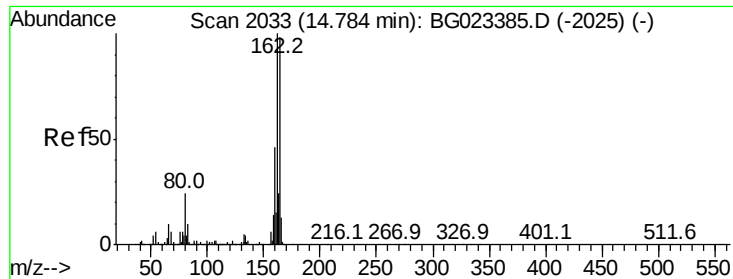
#23
Nitrobenzene-d5
Concen: 100.36 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.03 min
Lab File: BG023867.D
Acq: 23 Aug 2016 23:51

Tgt Ion: 82	Resp:	923183
Ion Ratio	Lower	Upper
82	100	
128	36.7	24.4 36.6#
54	48.7	41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BG023867.D

Acq: 23 Aug 2016 23:51

Instrument :

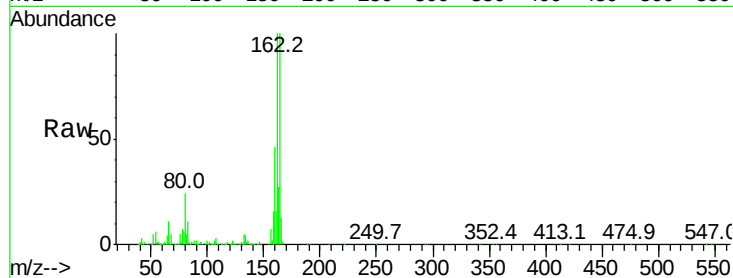
BNA_G

ClientSampleId :

SB-14B(13-15)

Tot Ion:164 Resp: 282515

Ion	Ratio	Lower	Upper
164	100		
162	100.1	87.7	131.5
160	45.7	37.2	55.8



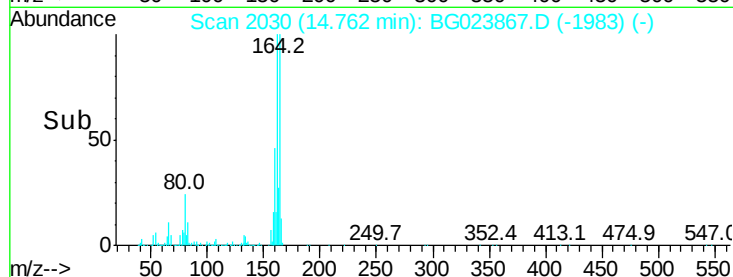
Abundance Ion 164.00 (163.70 to 164.70): E

250000

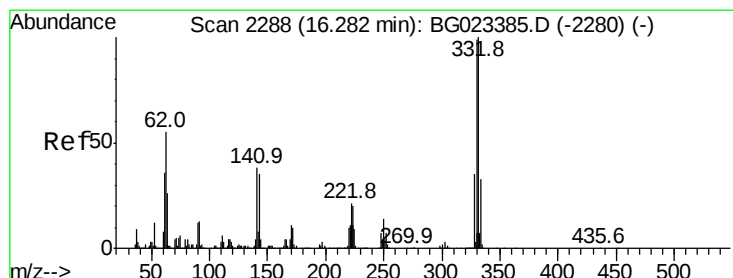
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.76



Time-->



#41

2,4,6-Tribromophenol

Concen: 125.77 ng

RT: 16.26 min Scan# 2285

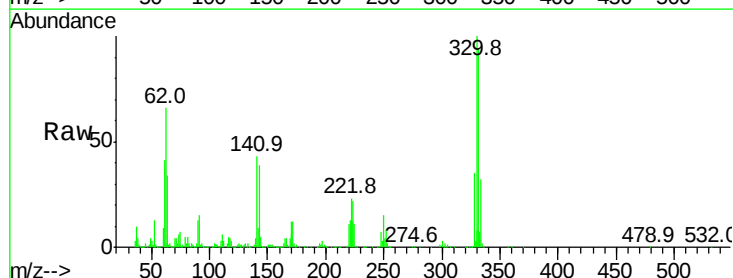
Delta R.T. -0.02 min

Lab File: BG023867.D

Acq: 23 Aug 2016 23:51

Tgt Ion:330 Resp: 519733

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.4	116.2
141	41.6	31.7	47.5



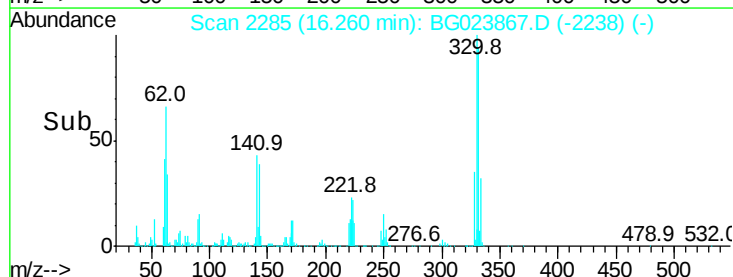
Abundance Ion 329.80 (329.50 to 330.50): E

400000

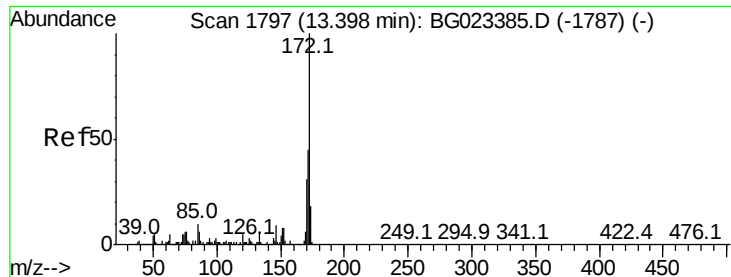
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

16.26



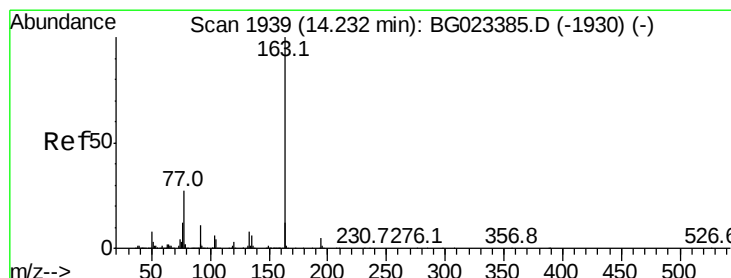
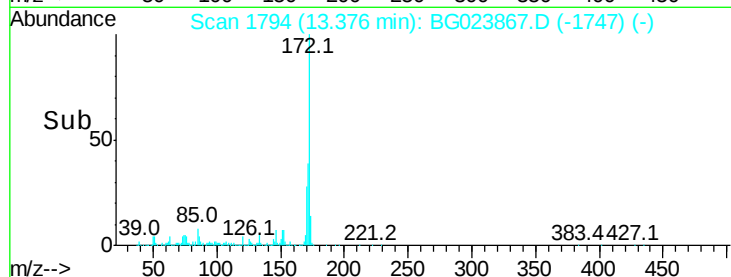
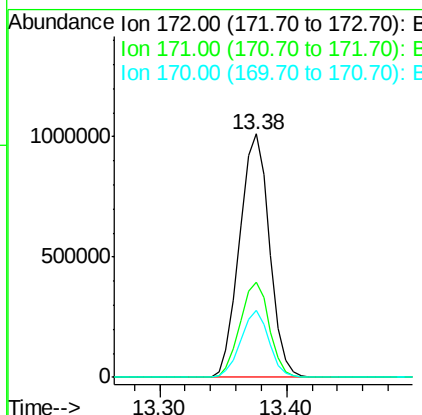
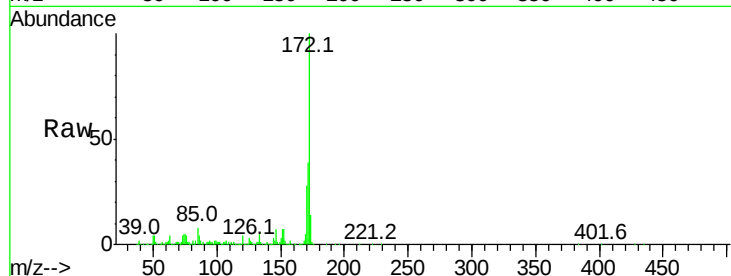
Time-->



#44
2-Fluorobiphenyl
Concen: 98.74 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG023867.D
Acq: 23 Aug 2016 23:51

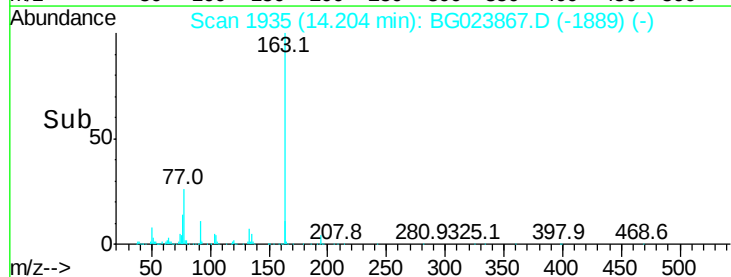
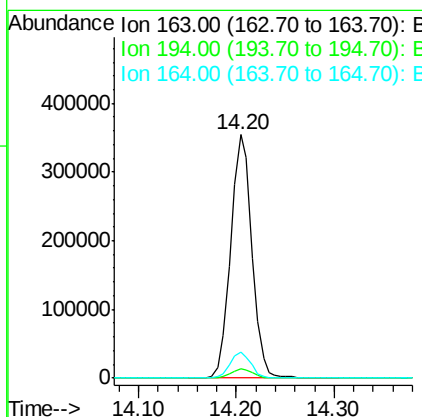
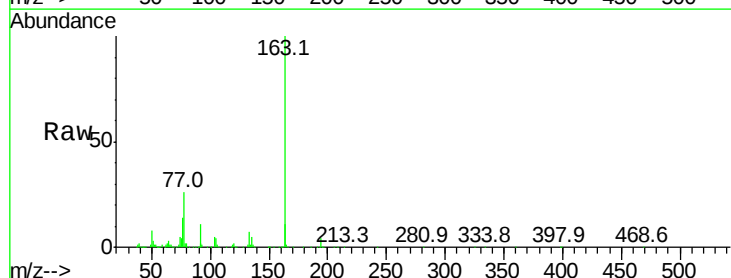
Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)

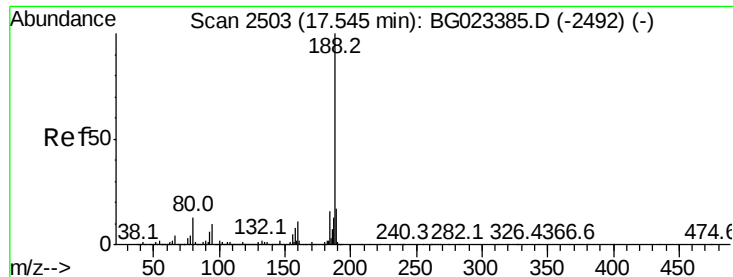
Tot Ion:172 Resp: 1653828
Ion Ratio Lower Upper
172 100
171 39.2 31.6 47.4
170 27.7 21.3 31.9



#49
Dimethylphthalate
Concen: 24.56 ng
RT: 14.20 min Scan# 1935
Delta R.T. -0.03 min
Lab File: BG023867.D
Acq: 23 Aug 2016 23:51

Tgt Ion:163 Resp: 532285
Ion Ratio Lower Upper
163 100
194 3.7 3.6 5.4
164 10.7 8.1 12.1

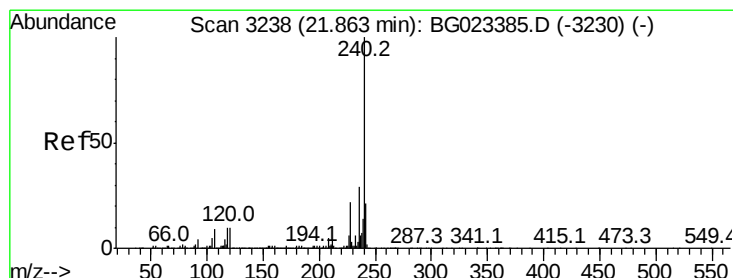
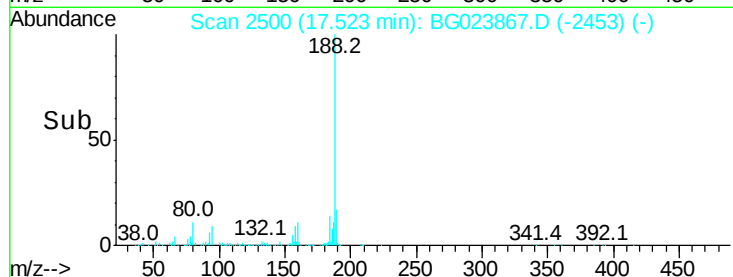
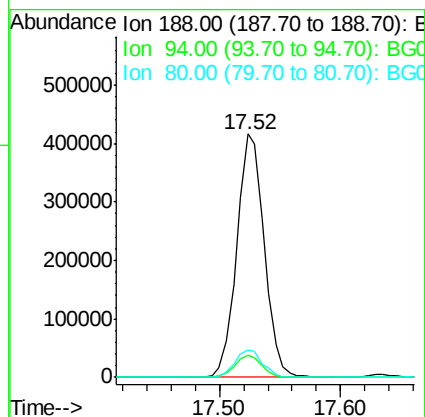
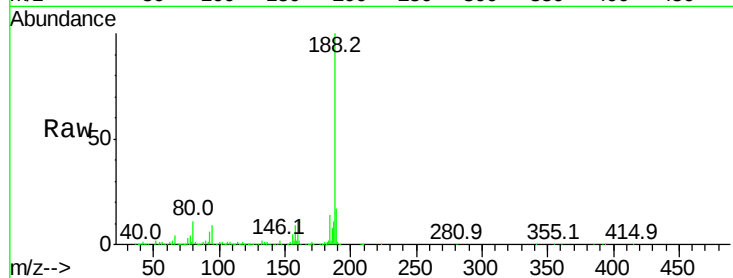




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.52 min Scan# 2500
Delta R.T. -0.02 min
Lab File: BG023867.D
Acq: 23 Aug 2016 23:51

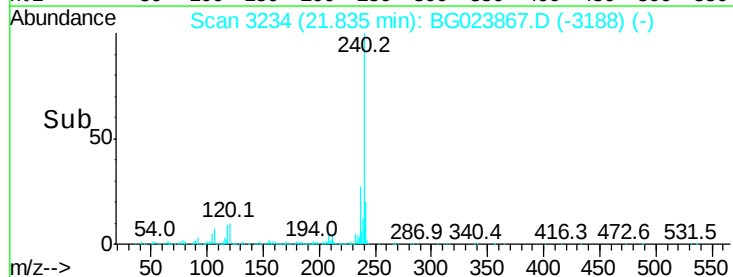
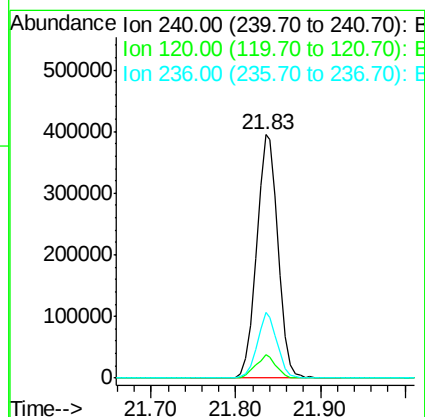
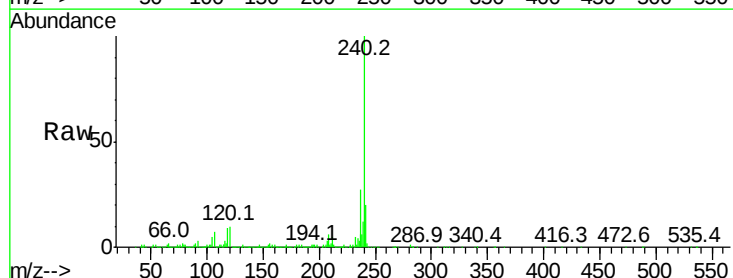
Instrument :
BNA_G
ClientSampled :
SB-14B(13-15)

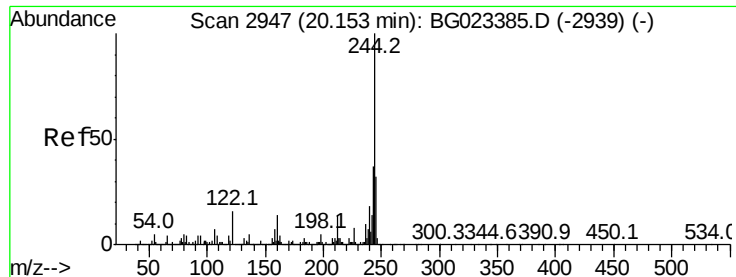
Tot Ion:188 Resp: 659992
Ion Ratio Lower Upper
188 100
94 9.0 5.2 7.8#
80 11.1 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3234
Delta R.T. -0.03 min
Lab File: BG023867.D
Acq: 23 Aug 2016 23:51

Tgt Ion:240 Resp: 698996
Ion Ratio Lower Upper
240 100
120 9.8 4.1 6.1#
236 27.0 21.1 31.7





#78

Terphenyl-d14

Concen: 96.99 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG023867.D

Acq: 23 Aug 2016 23:51

Instrument :

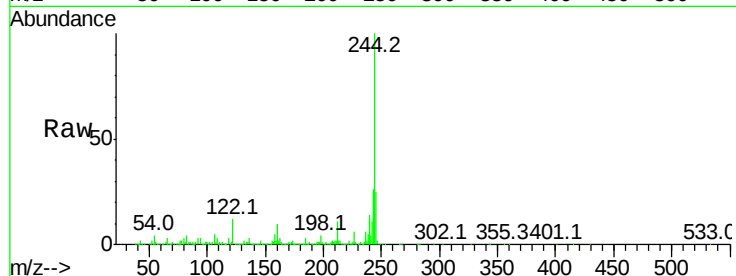
BNA_G

ClientSampleId :

SB-14B(13-15)

Tot Ion:244 Resp: 2106021

Ion	Ratio	Lower	Upper
244	100		
212	11.0	10.8	16.2
122	11.7	8.0	12.0

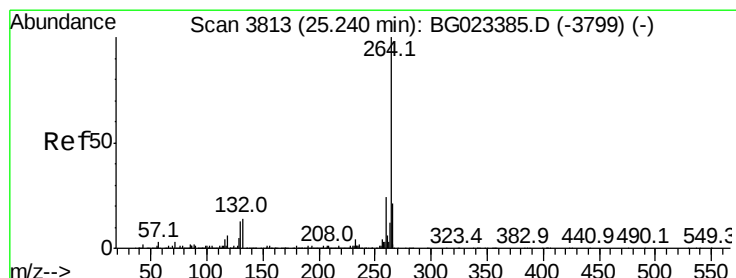
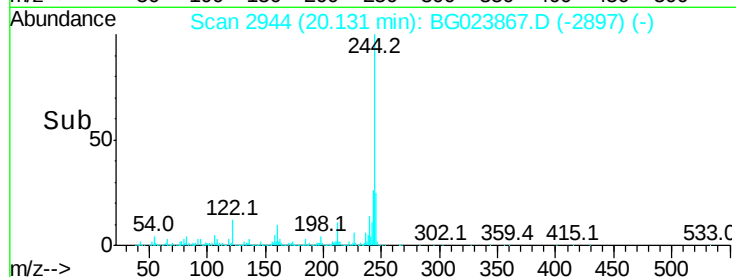
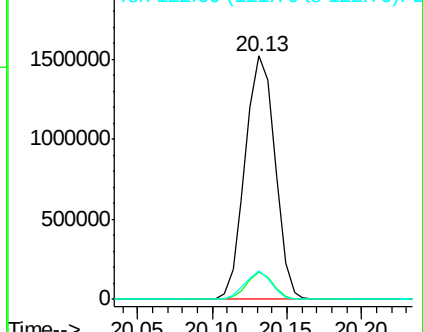


Abundance

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

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3809

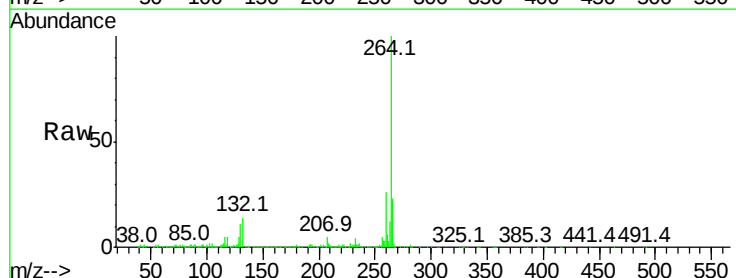
Delta R.T. -0.03 min

Lab File: BG023867.D

Acq: 23 Aug 2016 23:51

Tgt Ion:264 Resp: 681739

Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.4	27.6
265	22.7	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

