

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
 Data File : BG023437.D
 Acq On : 3 Aug 2016 22:42
 Operator : UM/SJ
 Sample : H4287-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-59-14.0-15.0

Quant Time: Aug 04 03:41:30 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

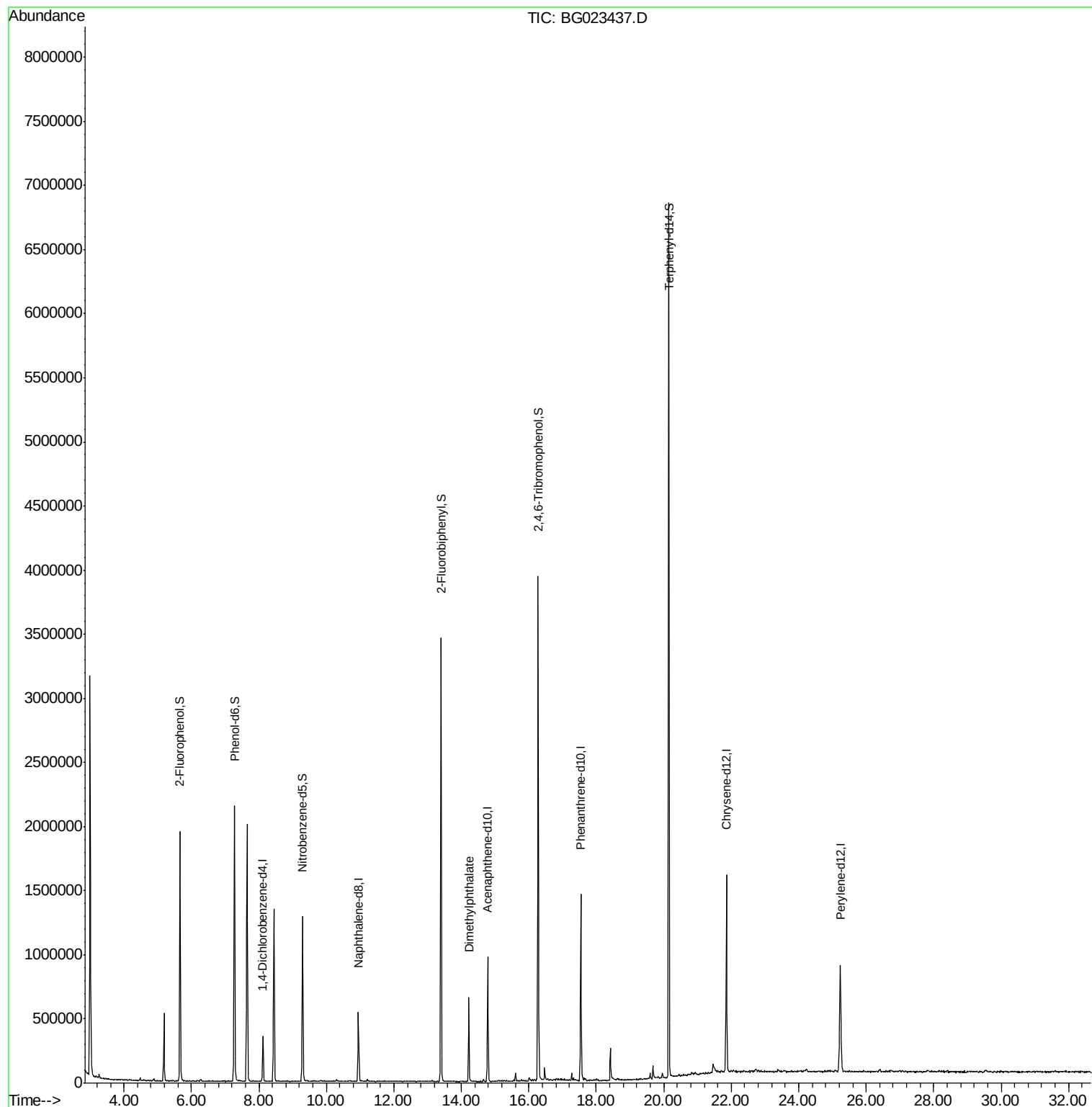
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	98166	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	444720	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	339108	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	942250	20.00	ng	0.00
75) Chrysene-d12	21.86	240	971818	20.00	ng	0.00
86) Perylene-d12	25.23	264	917542	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	824500	141.38	ng	0.00
7) Phenol-d6	7.28	99	1293125	142.36	ng	0.00
23) Nitrobenzene-d5	9.30	82	875091	97.83	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	760013	153.23	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1667590	82.94	ng	0.00
78) Terphenyl-d14	20.15	244	2671486	86.32	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.23	163	406804	15.64	ng	Qvalue 99

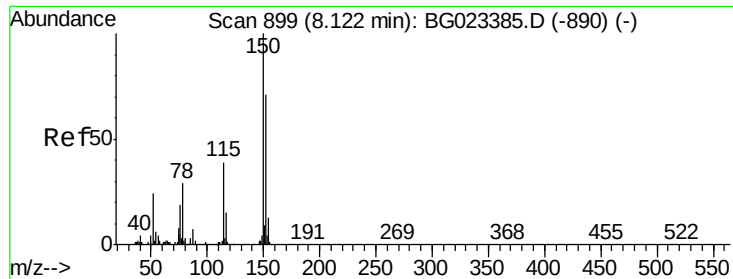
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG023437.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_G

ClientSampleId :

SB-59-14.0-15.0

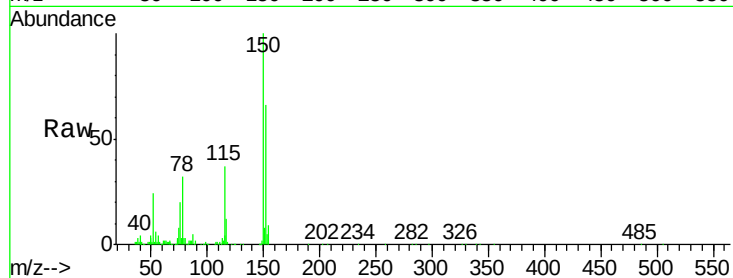
Tot Ion:152 Resp: 98166

Ion Ratio Lower Upper

152 100

150 152.2 144.7 217.1

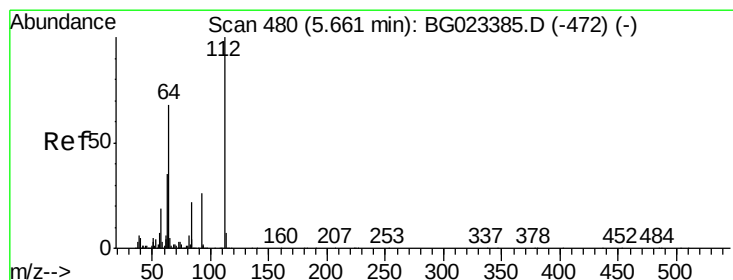
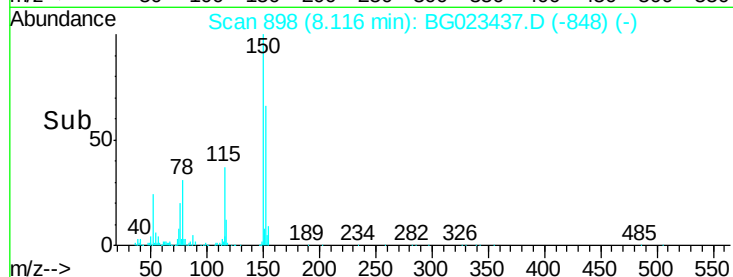
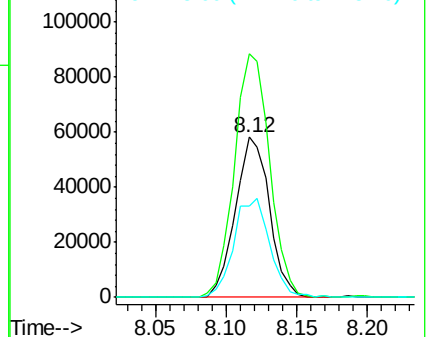
115 56.7 64.0 96.0#



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: 141.38 ng

RT: 5.66 min Scan# 480

Delta R.T. 0.00 min

Lab File: BG023437.D

Acq: 3 Aug 2016 22:42

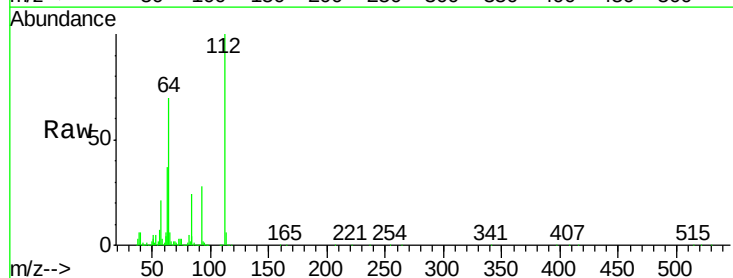
Tgt Ion:112 Resp: 824500

Ion Ratio Lower Upper

112 100

64 70.2 59.0 88.4

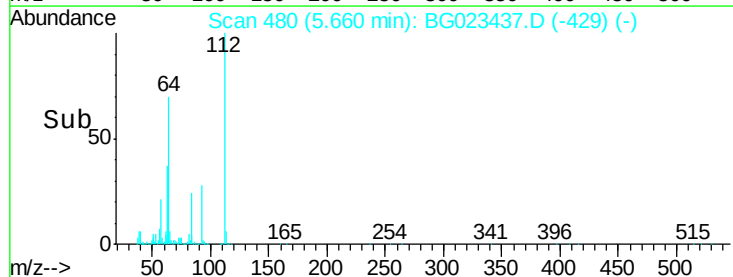
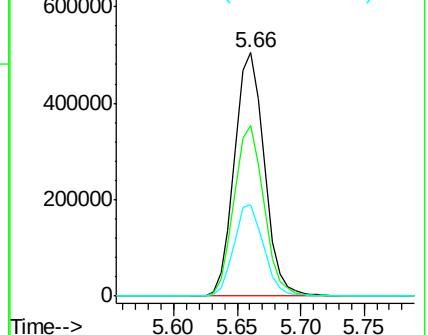
63 37.3 37.8 56.8#

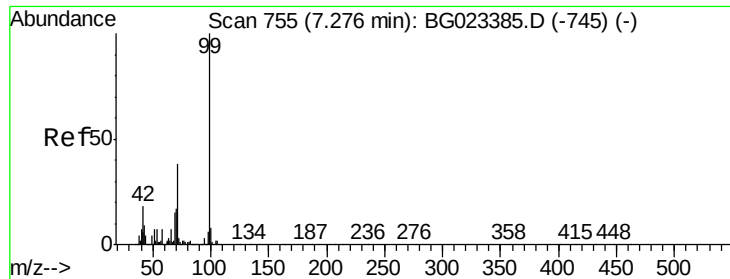


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 142.36 ng

RT: 7.28 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023437.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_G

ClientSampleId :

SB-59-14.0-15.0

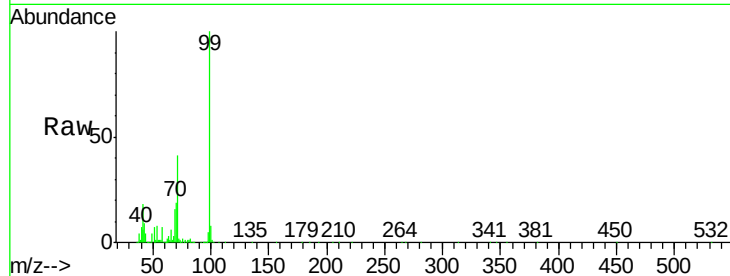
Tot Ion: 99 Resp: 1293125

Ion Ratio Lower Upper

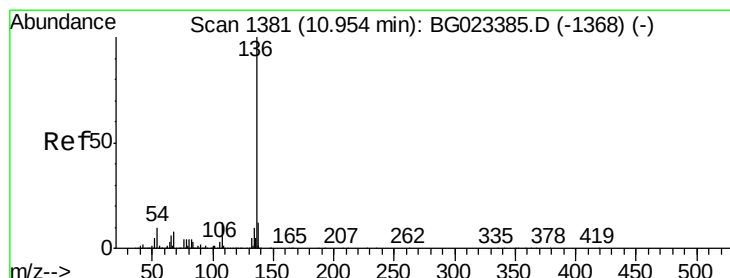
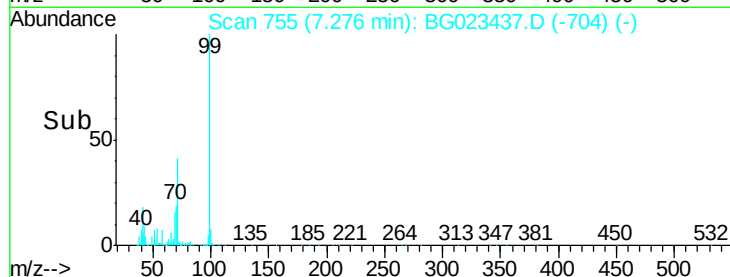
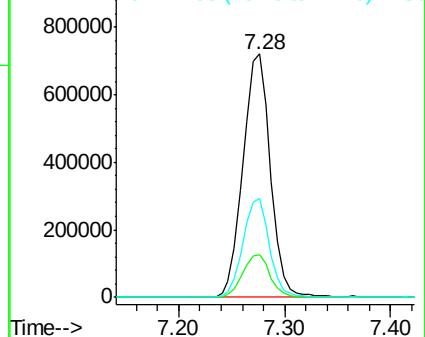
99 100

42 17.7 17.8 26.6#

71 40.9 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: 10.95 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BG023437.D

Acq: 3 Aug 2016 22:42

Tgt Ion: 136 Resp: 444720

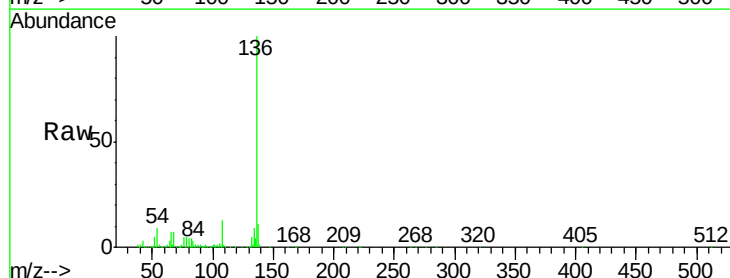
Ion Ratio Lower Upper

136 100

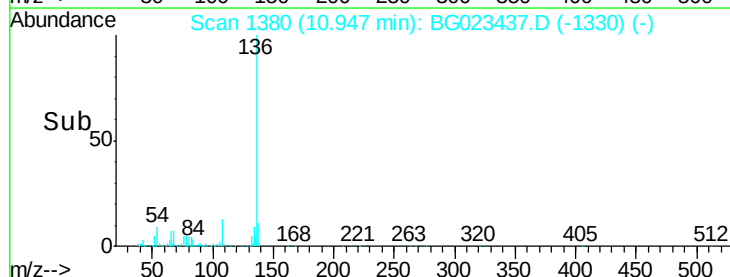
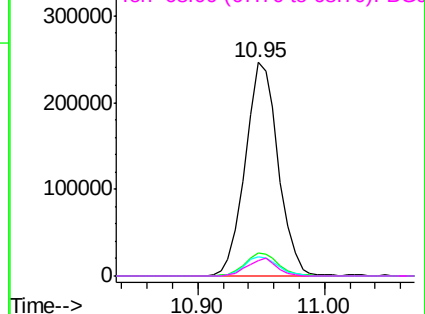
137 10.6 9.6 14.4

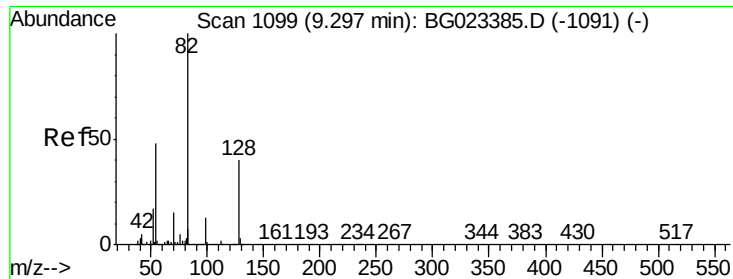
54 8.9 7.3 10.9

68 7.3 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

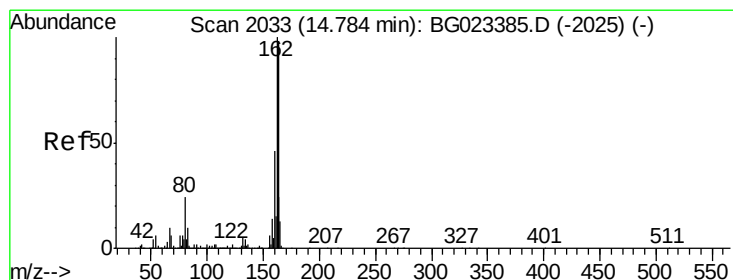
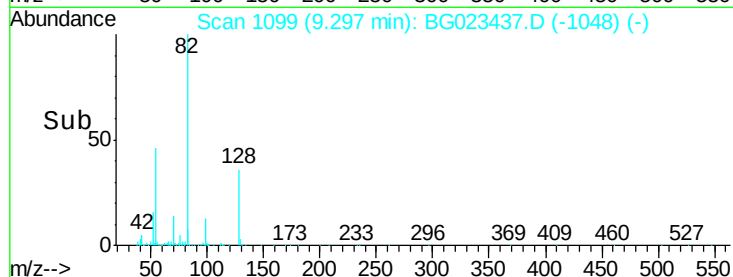
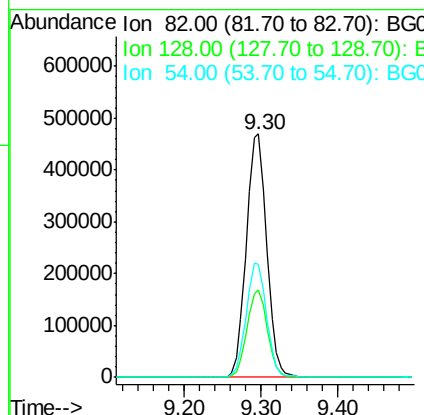
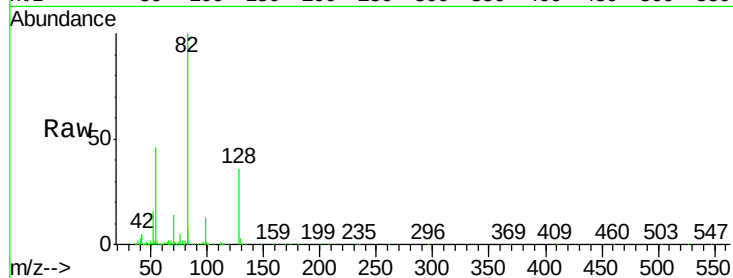




#23
 Nitrobenzene-d5
 Concen: 97.83 ng
 RT: 9.30 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BG023437.D
 Acq: 3 Aug 2016 22:42

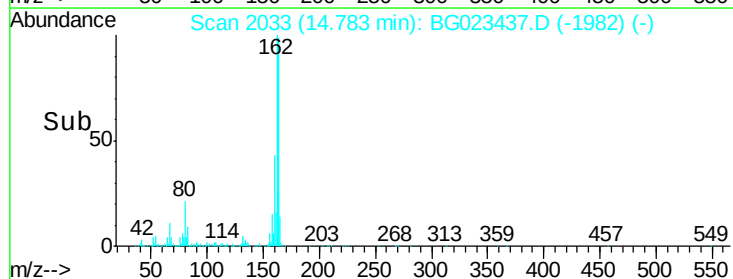
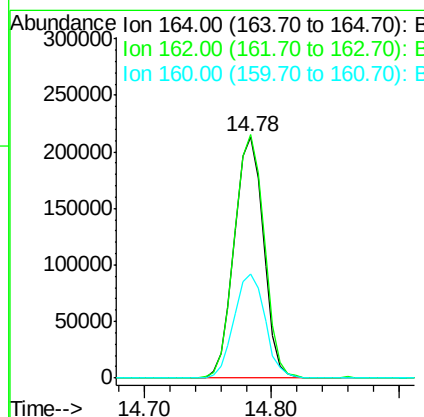
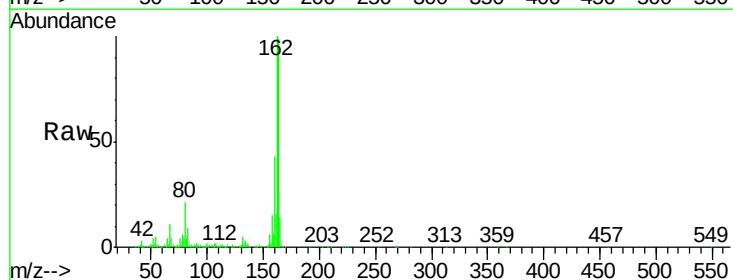
Instrument :
 BNA_G
 ClientSampleId :
 SB-59-14.0-15.0

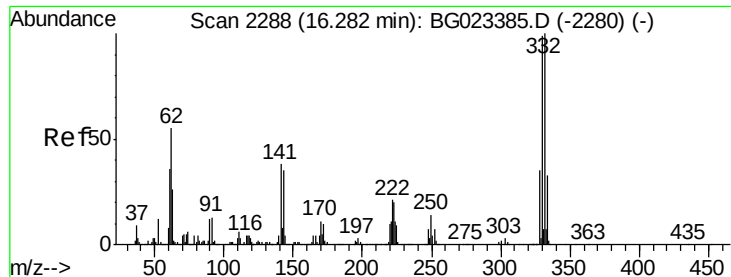
Tot Ion	82	Resp	875091
Ion Ratio	Lower	Upper	
82	100		
128	35.7	24.4	36.6
54	46.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BG023437.D
 Acq: 3 Aug 2016 22:42

Tgt Ion	164	Resp	339108
Ion Ratio	Lower	Upper	
164	100		
162	100.8	87.7	131.5
160	43.1	37.2	55.8

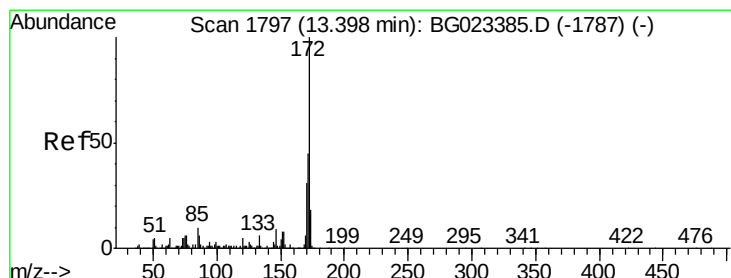
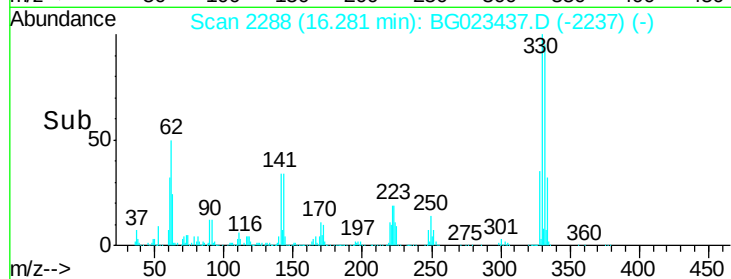
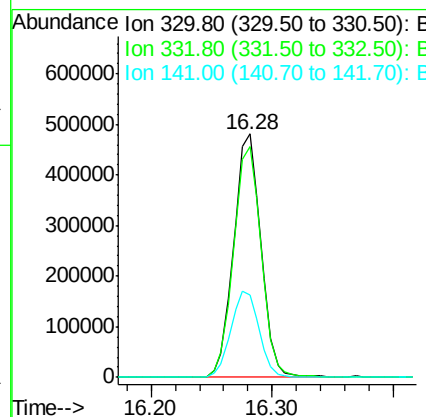
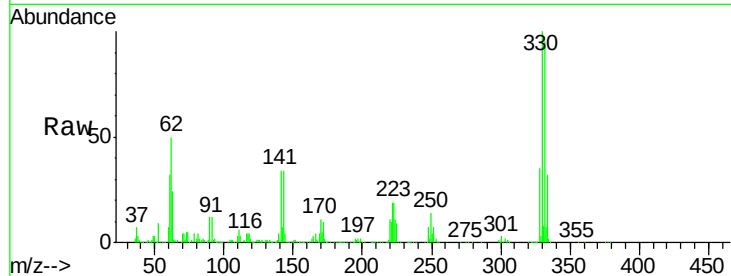




#41
 2,4,6-Tribromophenol
 Concen: 153.23 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BG023437.D
 Acq: 3 Aug 2016 22:42

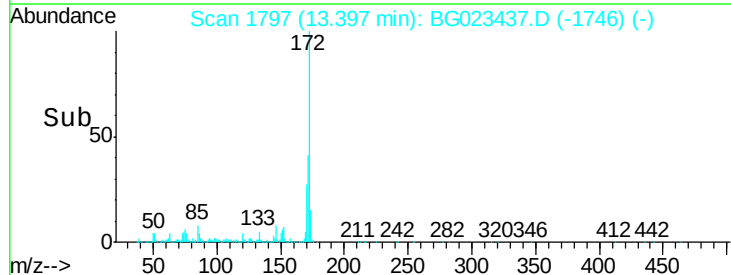
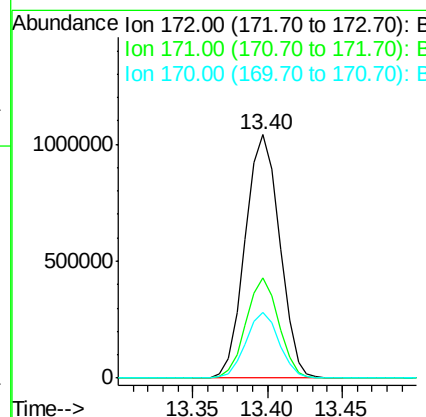
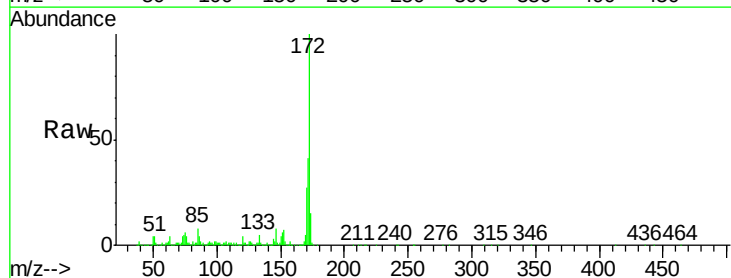
Instrument :
 BNA_G
 ClientSampleId :
 SB-59-14.0-15.0

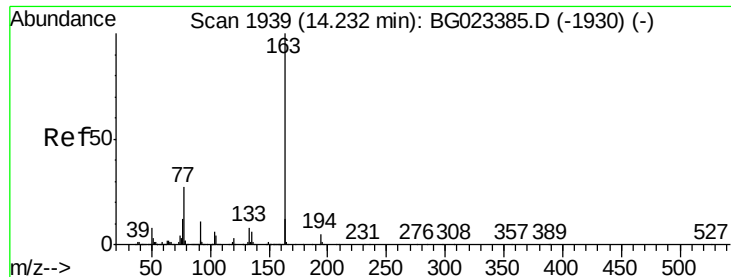
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.2
141	36.3	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 82.94 ng
 RT: 13.40 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG023437.D
 Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.2	31.6	47.4
170	27.1	21.3	31.9





#49

Dimethylphthalate

Concen: 15.64 ng

RT: 14.23 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023437.D

Acq: 3 Aug 2016 22:42

Instrument :

BNA_G

ClientSampleId :

SB-59-14.0-15.0

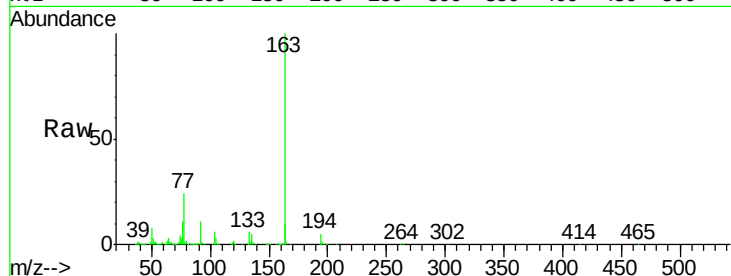
Tot Ion:163 Resp: 406804

Ion Ratio Lower Upper

163 100

194 5.0 3.6 5.4

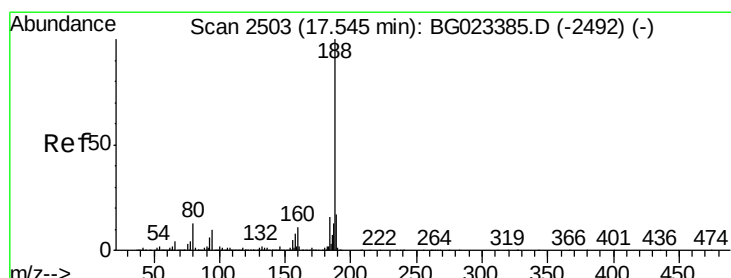
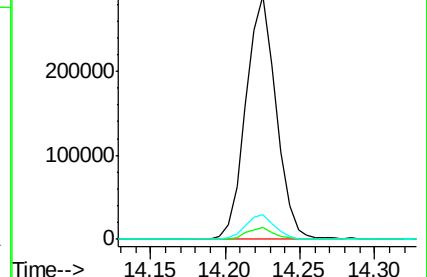
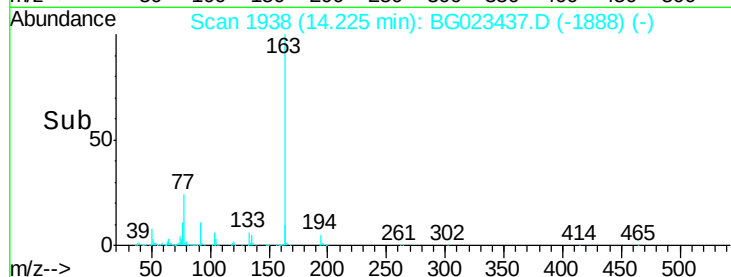
164 10.4 8.1 12.1



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: 17.54 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG023437.D

Acq: 3 Aug 2016 22:42

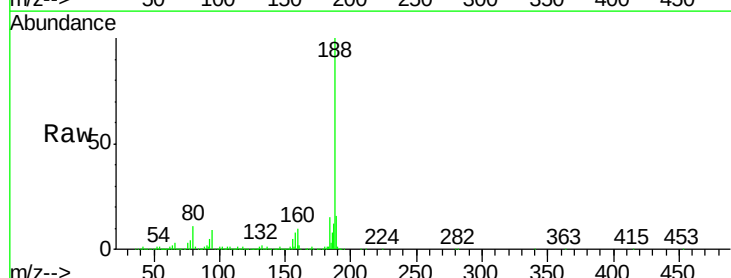
Tgt Ion:188 Resp: 942250

Ion Ratio Lower Upper

188 100

94 9.1 5.2 7.8#

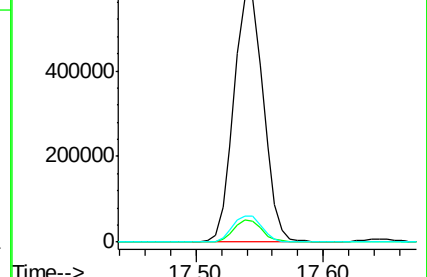
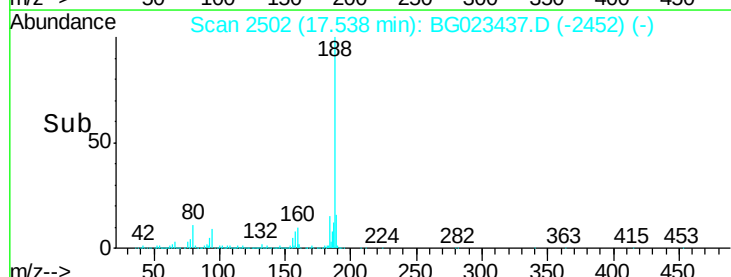
80 10.9 7.2 10.8#

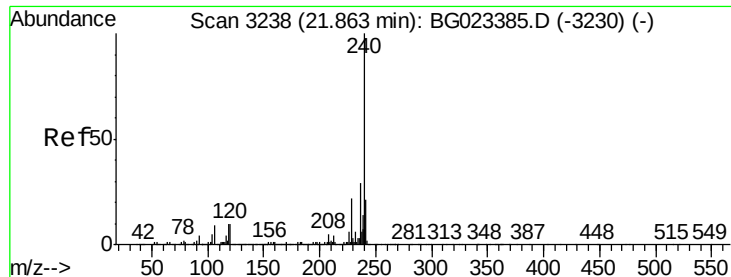


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

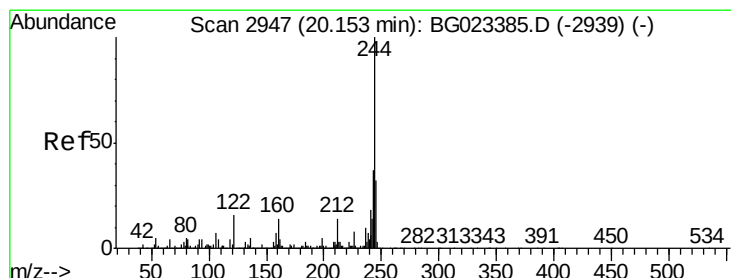
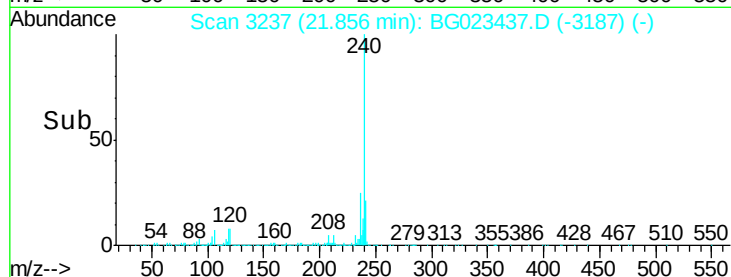
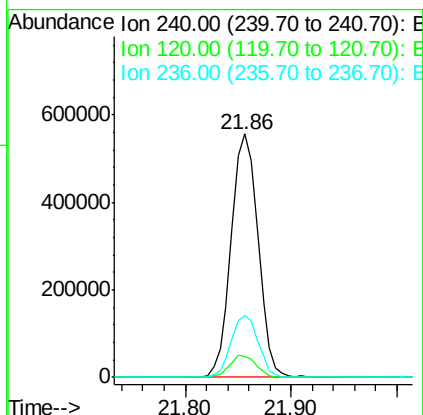
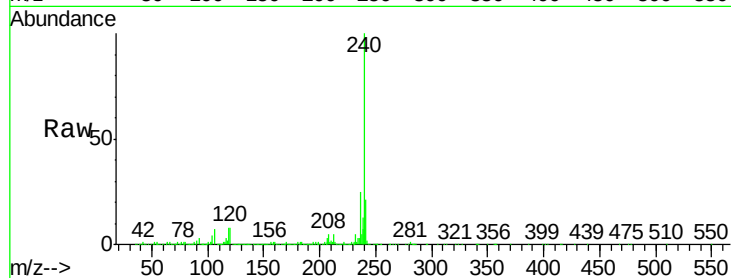




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3237
 Delta R.T. -0.01 min
 Lab File: BG023437.D
 Acq: 3 Aug 2016 22:42

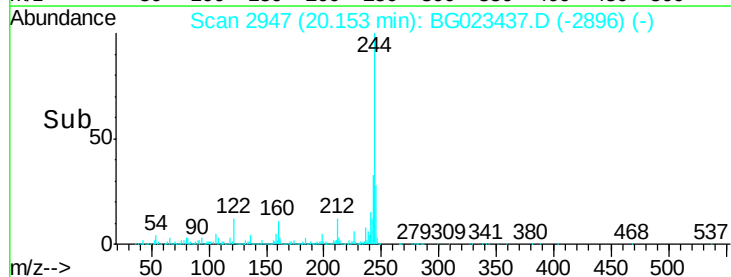
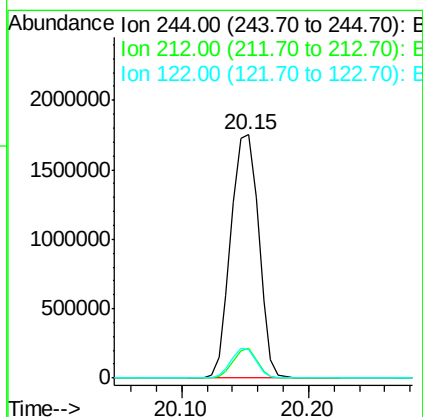
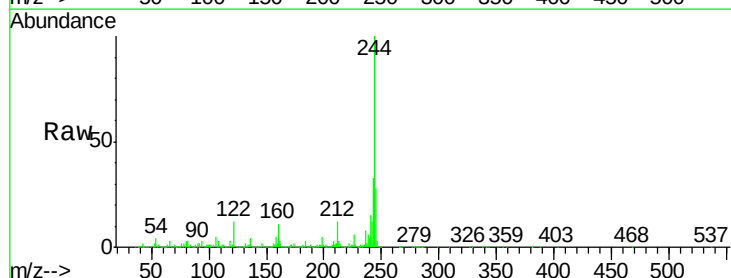
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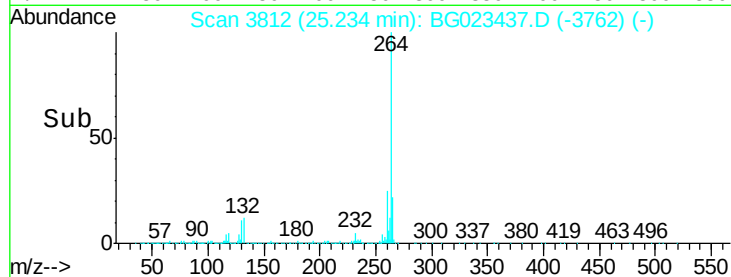
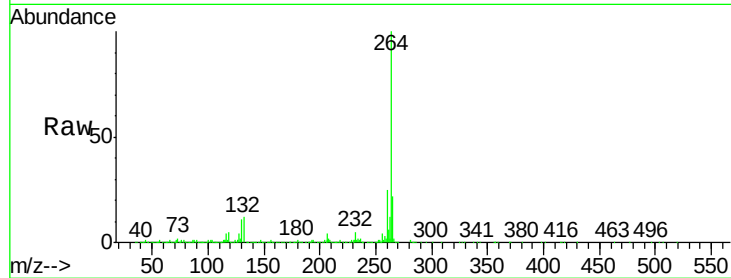
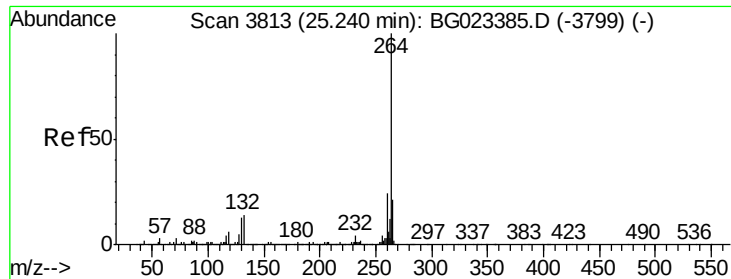
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	4.1	6.1#
236	25.2	21.1	31.7



#78
 Terphenyl-d14
 Concen: 86.32 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BG023437.D
 Acq: 3 Aug 2016 22:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	12.0	10.8	16.2
122	11.6	8.0	12.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3812
Delta R.T. -0.01 min
Lab File: BG023437.D
Acq: 3 Aug 2016 22:42

Instrument :
BNA_G
ClientSampleId :
SB-59-14.0-15.0

Tot Ion:	264	Resp:	917542
Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.4	27.6
265	21.9	18.9	28.3

