

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
 Data File : BG023424.D
 Acq On : 3 Aug 2016 13:58
 Operator : UM/SJ
 Sample : H4287-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-59-19.0-20.0

Quant Time: Aug 04 03:23:23 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

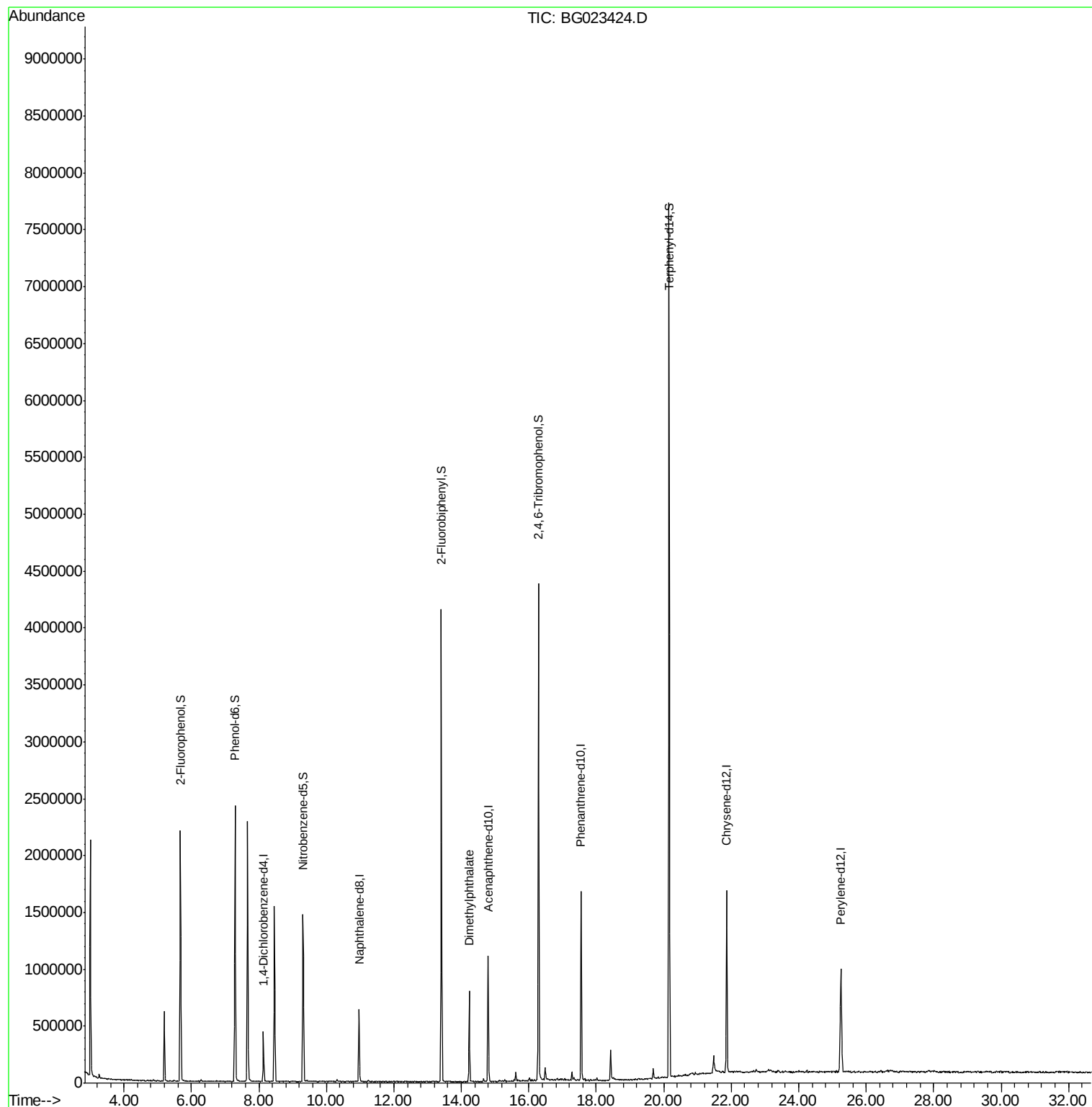
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	119097	20.00	ng	0.01
21) Naphthalene-d8	10.96	136	526462	20.00	ng	0.01
38) Acenaphthene-d10	14.79	164	389998	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1010628	20.00	ng	0.00
75) Chrysene-d12	21.87	240	1010899	20.00	ng	0.00
86) Perylene-d12	25.25	264	984118	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	921050	130.18	ng	0.01
7) Phenol-d6	7.29	99	1468690	133.27	ng	0.02
23) Nitrobenzene-d5	9.31	82	967737	91.39	ng	0.01
41) 2,4,6-Tribromophenol	16.29	330	796610	139.65	ng	0.01
44) 2-Fluorobiphenyl	13.41	172	1956213	84.60	ng	0.01
78) Terphenyl-d14	20.16	244	2874507	90.14	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	541880	18.11	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: 8.13 min Scan# 901

Delta R.T. 0.01 min

Lab File: BG023424.D

Acq: 3 Aug 2016 13:58

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BNA_G

ClientSampleId :

SB-59-19.0-20.0

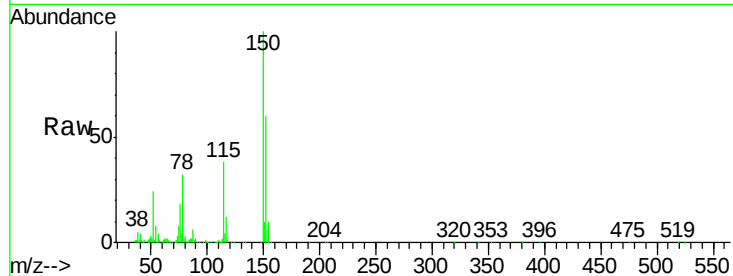
Tot Ion:152 Resp: 119097

Ion Ratio Lower Upper

152 100

150 166.2 144.7 217.1

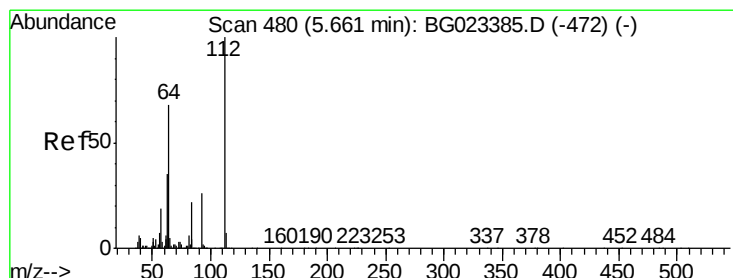
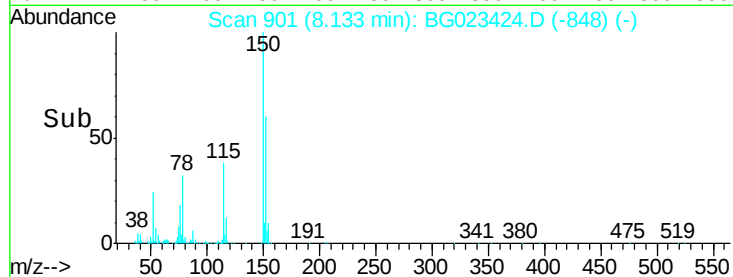
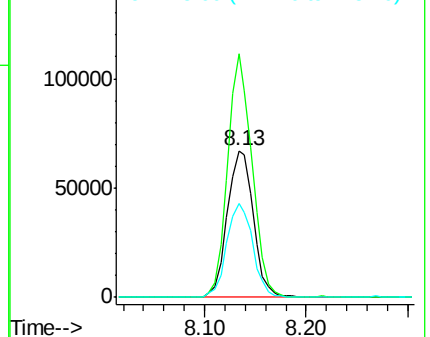
115 63.8 64.0 96.0#



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: 130.18 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.01 min

Lab File: BG023424.D

Acq: 3 Aug 2016 13:58

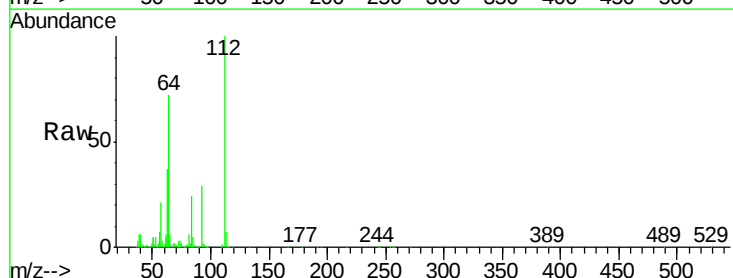
Tgt Ion:112 Resp: 921050

Ion Ratio Lower Upper

112 100

64 71.8 59.0 88.4

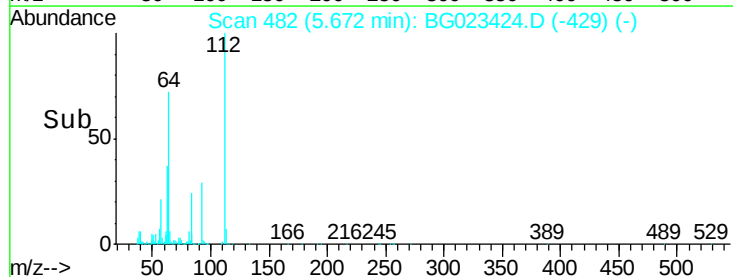
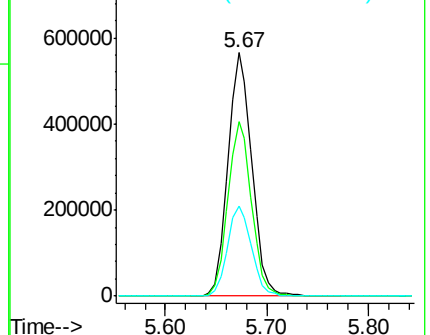
63 37.2 37.8 56.8#

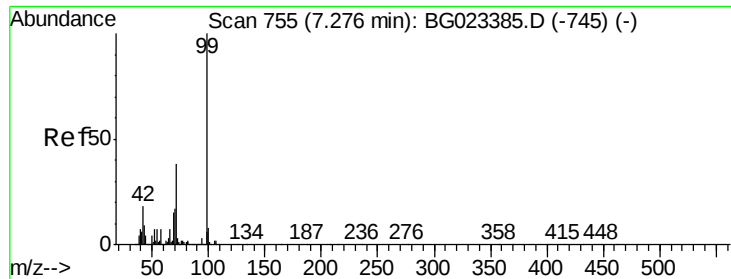


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 133.27 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.02 min

Lab File: BG023424.D

Acq: 3 Aug 2016 13:58

Instrument :

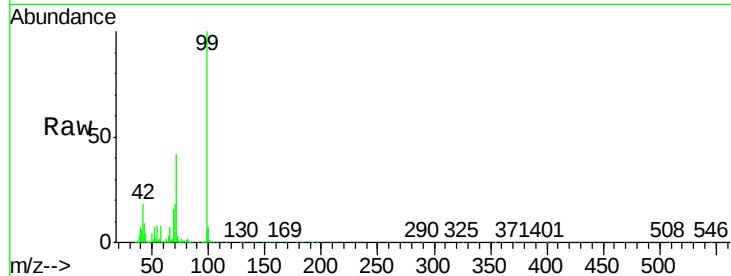
BNA_G

ClientSampleId :

SB-59-19.0-20.0

Tot Ion: 99 Resp: 1468690

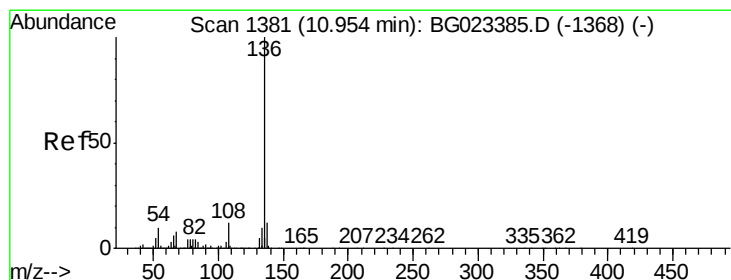
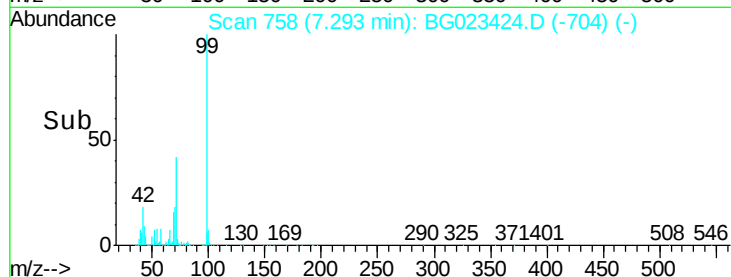
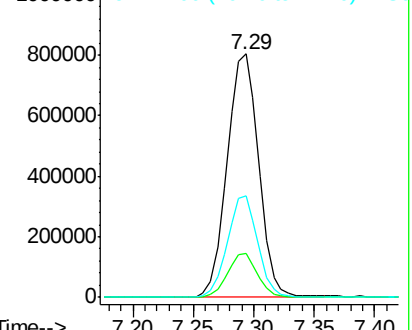
Ion	Ratio	Lower	Upper
99	100		
42	18.0	17.8	26.6
71	41.7	41.5	62.3



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: 10.96 min Scan# 1383

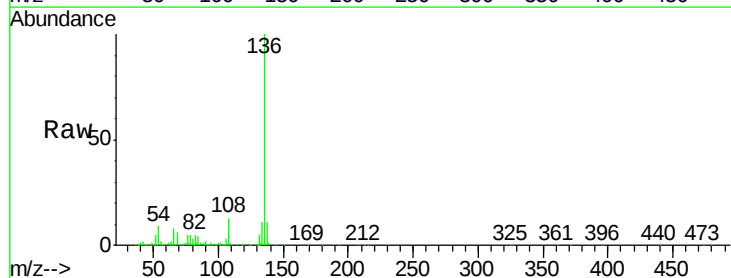
Delta R.T. 0.01 min

Lab File: BG023424.D

Acq: 3 Aug 2016 13:58

Tgt Ion: 136 Resp: 526462

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	9.0	7.3	10.9
68	6.3	5.3	7.9

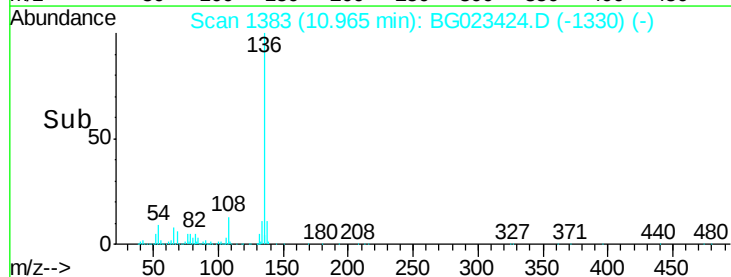
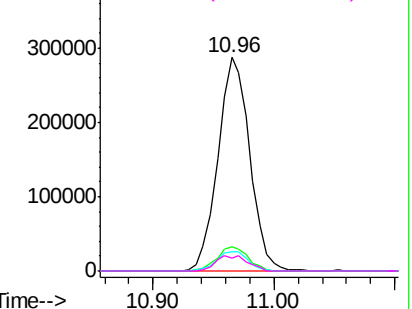


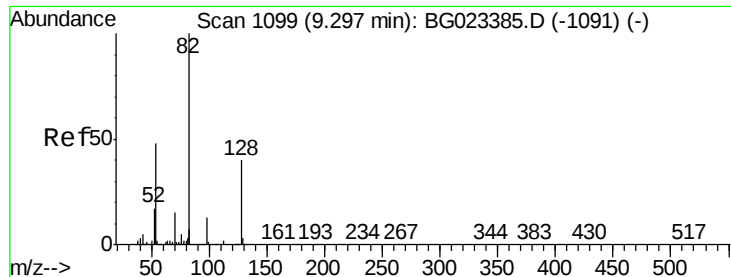
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

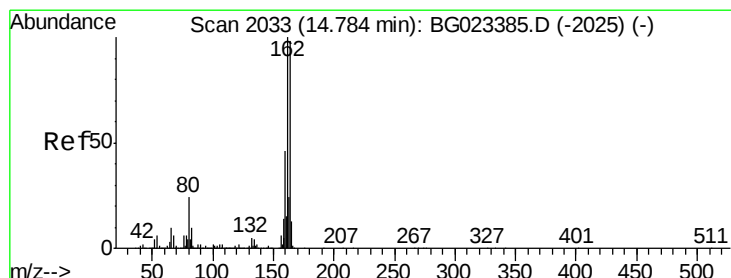
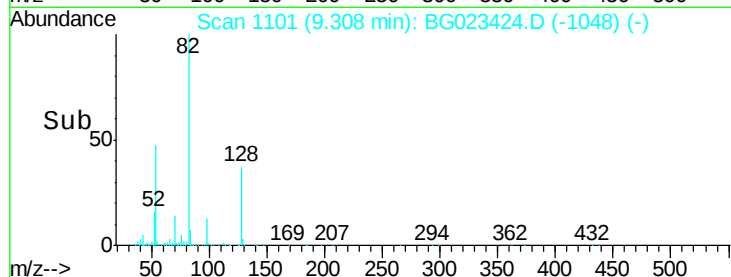
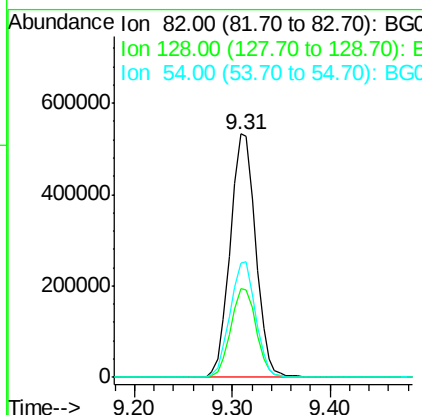
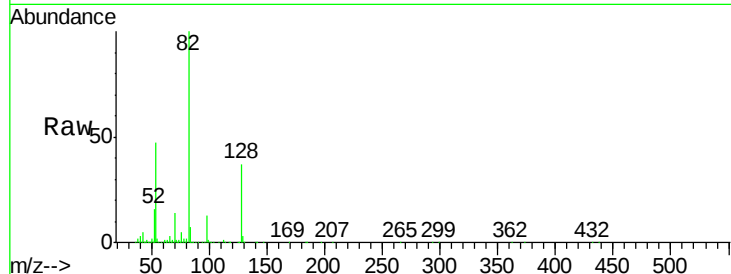




#23
 Nitrobenzene-d5
 Concen: 91.39 ng
 RT: 9.31 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BG023424.D
 Acq: 3 Aug 2016 13:58

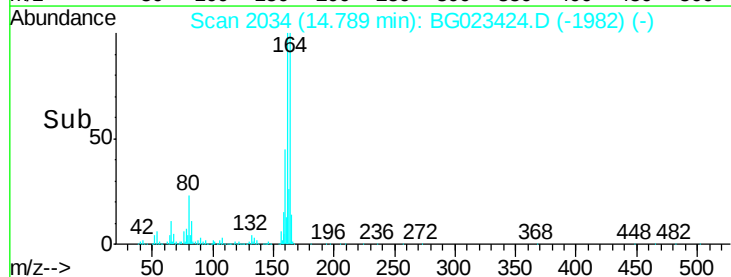
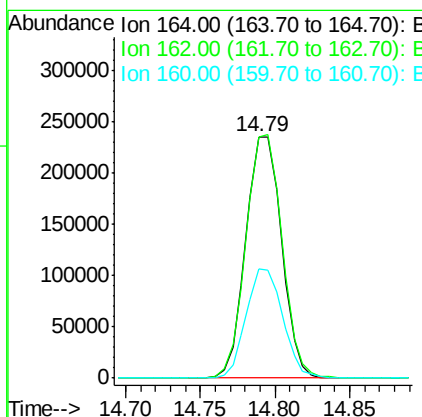
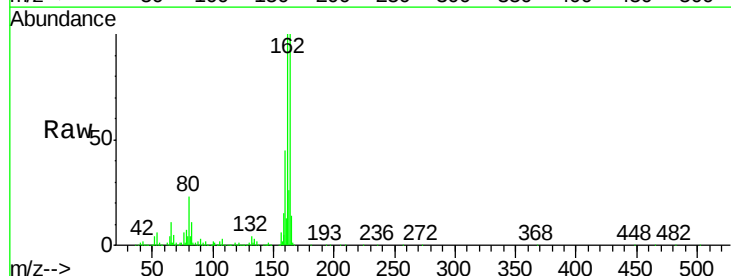
Instrument :
 BNA_G
 ClientSampleId :
 SB-59-19.0-20.0

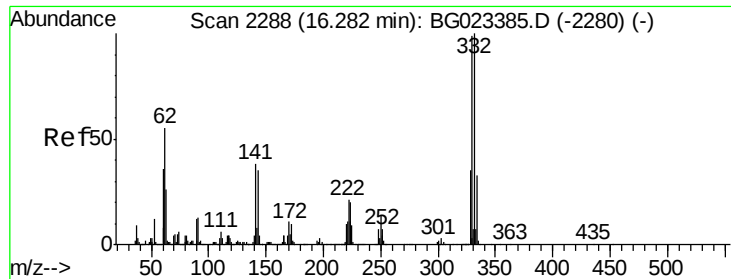
Tot Ion	82	Resp	967737
Ion Ratio	Lower	Upper	
82	100		
128	36.6	24.4	36.6
54	47.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BG023424.D
 Acq: 3 Aug 2016 13:58

Tgt Ion	164	Resp	389998
Ion Ratio	Lower	Upper	
164	100		
162	99.6	87.7	131.5
160	45.0	37.2	55.8

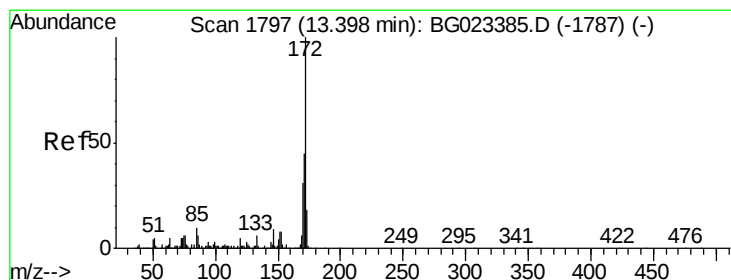
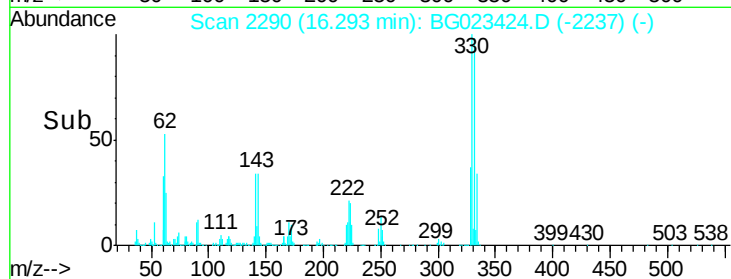
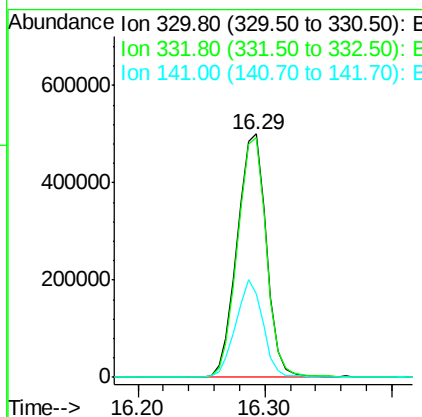
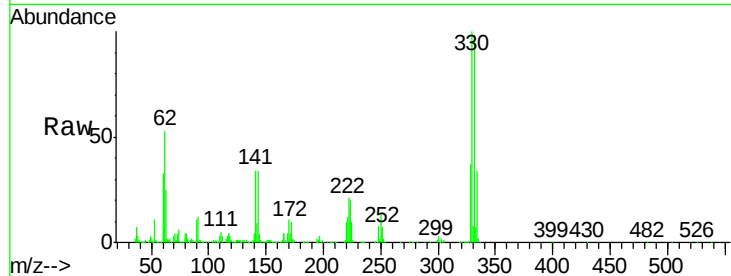




#41
 2,4,6-Tribromophenol
 Concen: 139.65 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BG023424.D
 Acq: 3 Aug 2016 13:58

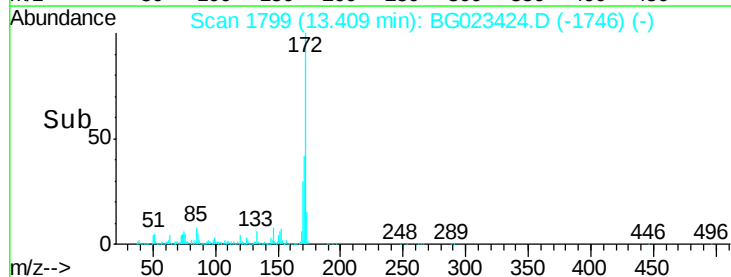
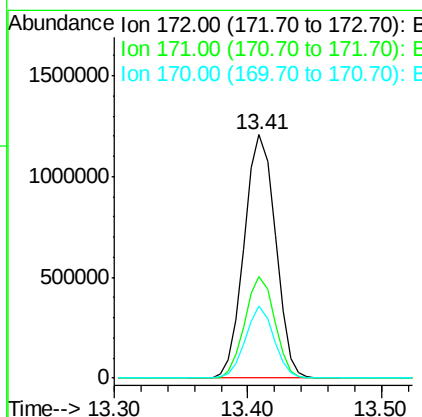
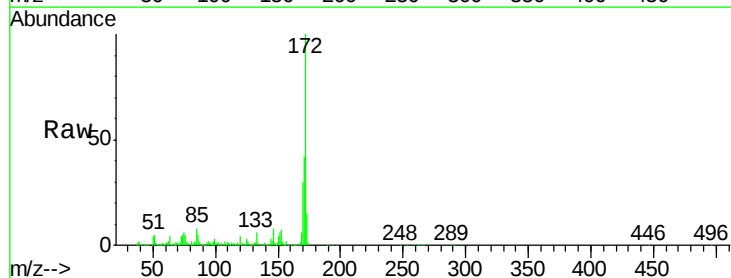
Instrument :
 BNA_G
 ClientSampleId :
 SB-59-19.0-20.0

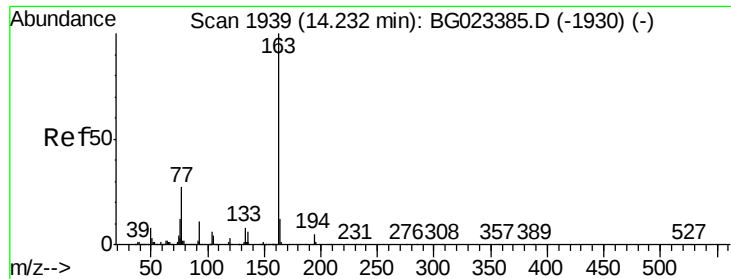
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.2
141	37.4	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 84.60 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. 0.01 min
 Lab File: BG023424.D
 Acq: 3 Aug 2016 13:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.7	31.6	47.4
170	29.6	21.3	31.9





#49

Dimethylphthalate

Concen: 18.11 ng

RT: 14.24 min Scan# 1940

Delta R.T. 0.01 min

Lab File: BG023424.D

Acq: 3 Aug 2016 13:58

Instrument :

BNA_G

ClientSampleId :

SB-59-19.0-20.0

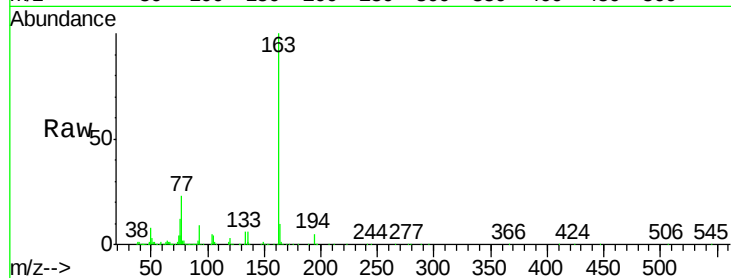
Tot Ion:163 Resp: 541880

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

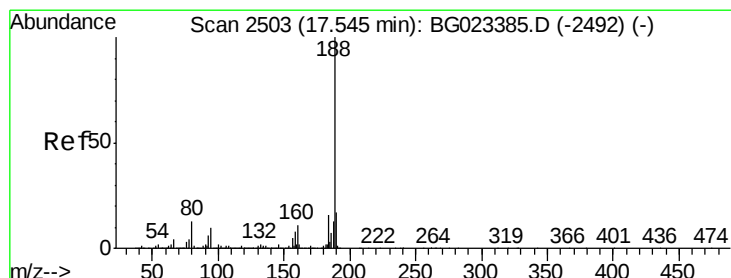
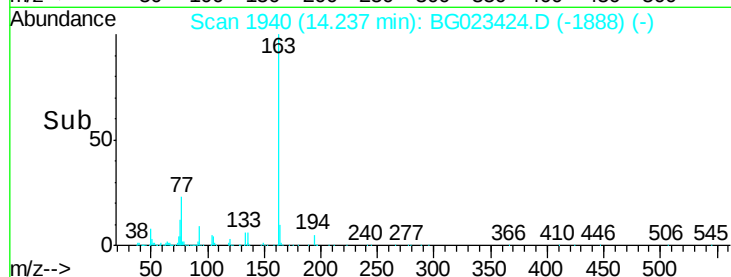
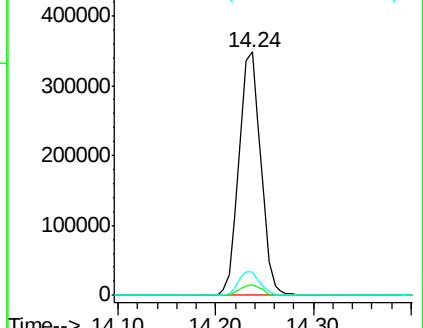
164 9.5 8.1 12.1



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: 17.55 min Scan# 2504

Delta R.T. 0.01 min

Lab File: BG023424.D

Acq: 3 Aug 2016 13:58

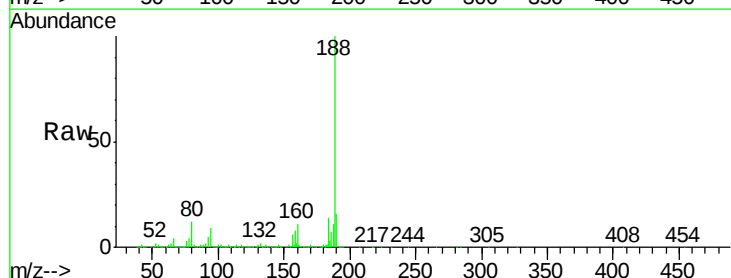
Tgt Ion:188 Resp: 1010628

Ion Ratio Lower Upper

188 100

94 9.1 5.2 7.8#

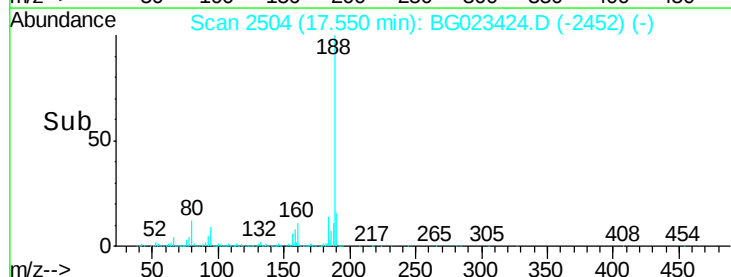
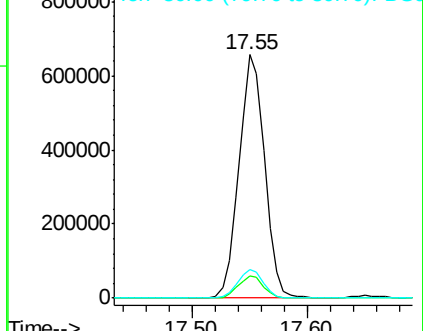
80 11.9 7.2 10.8#

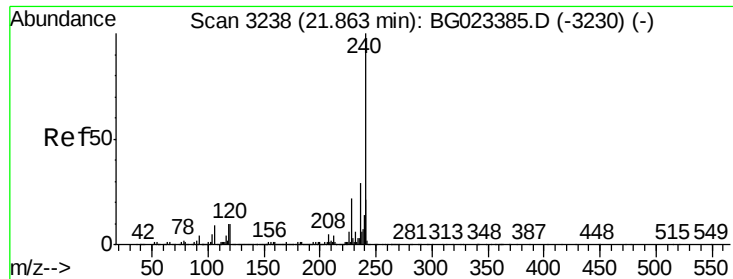


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

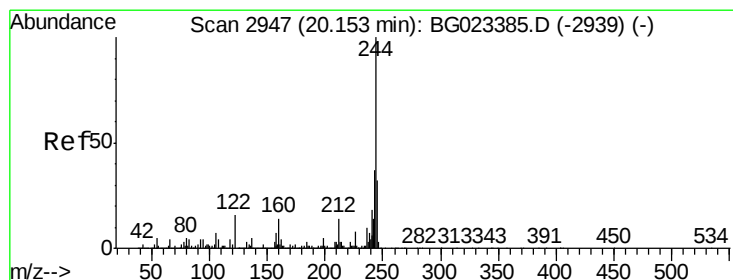
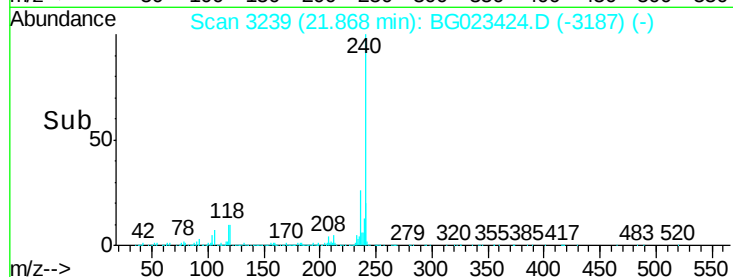
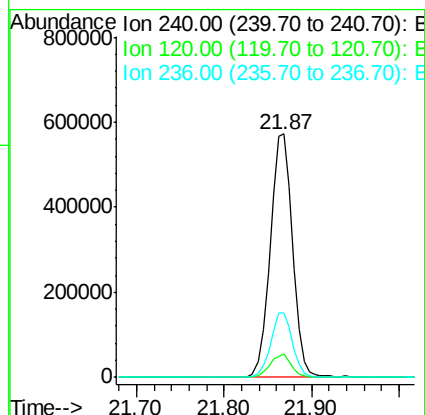
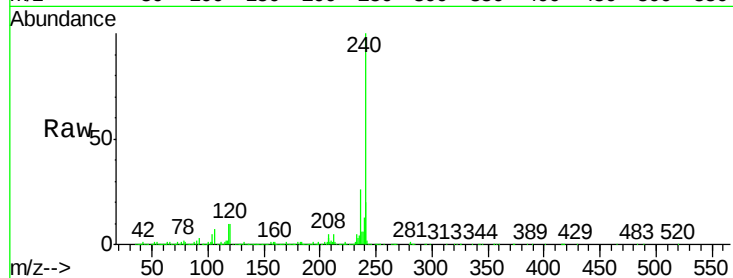




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.87 min Scan# 3239
 Delta R.T. 0.01 min
 Lab File: BG023424.D
 Acq: 3 Aug 2016 13:58

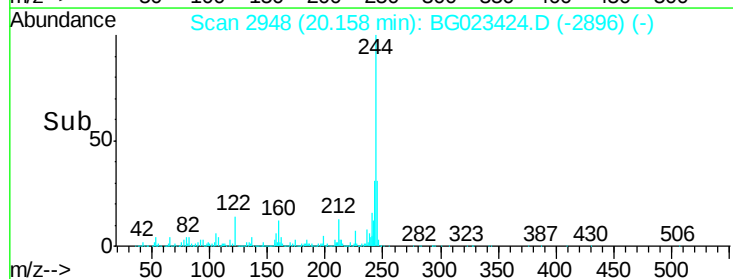
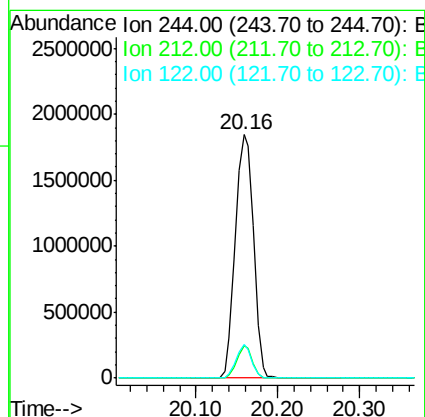
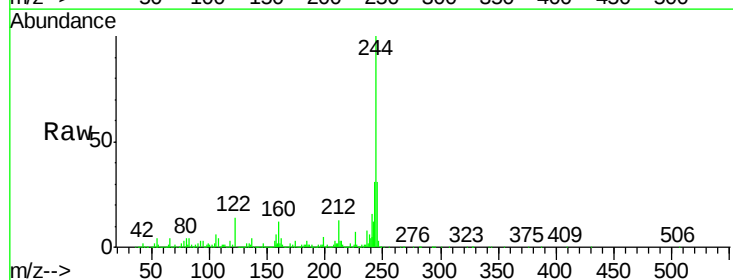
Instrument :
 BNA_G
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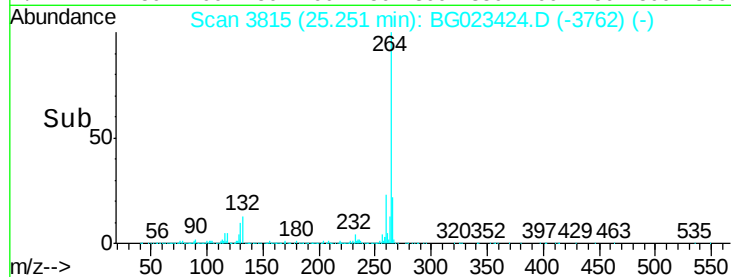
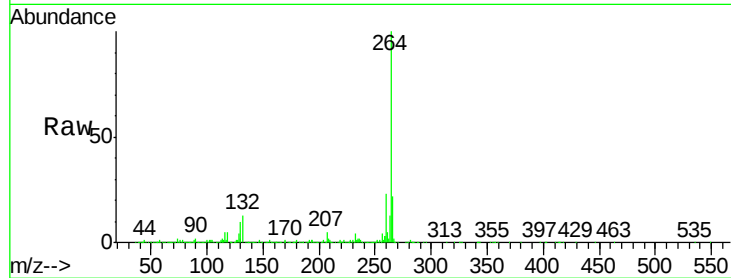
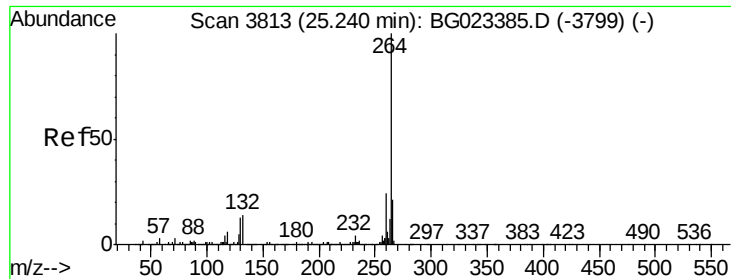
Tot Ion:240 Resp: 1010899
 Ion Ratio Lower Upper
 240 100
 120 9.7 4.1 6.1#
 236 26.2 21.1 31.7



#78
 Terphenyl-d14
 Concen: 90.14 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. 0.01 min
 Lab File: BG023424.D
 Acq: 3 Aug 2016 13:58

Tgt Ion:244 Resp: 2874507
 Ion Ratio Lower Upper
 244 100
 212 13.5 10.8 16.2
 122 13.8 8.0 12.0#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3815

Delta R.T. 0.01 min

Lab File: BG023424.D

Acq: 3 Aug 2016 13:58

Instrument :

BNA_G

ClientSampleId :

SB-59-19.0-20.0

Tot Ion:264 Resp: 984118

Ion Ratio Lower Upper

264 100

260 22.5 18.4 27.6

265 22.3 18.9 28.3

