

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080216\
 Data File : BG023418.D
 Acq On : 3 Aug 2016 5:42
 Operator : UM/SJ
 Sample : H4288-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-67-14.0-15.0

Quant Time: Aug 03 06:50:18 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

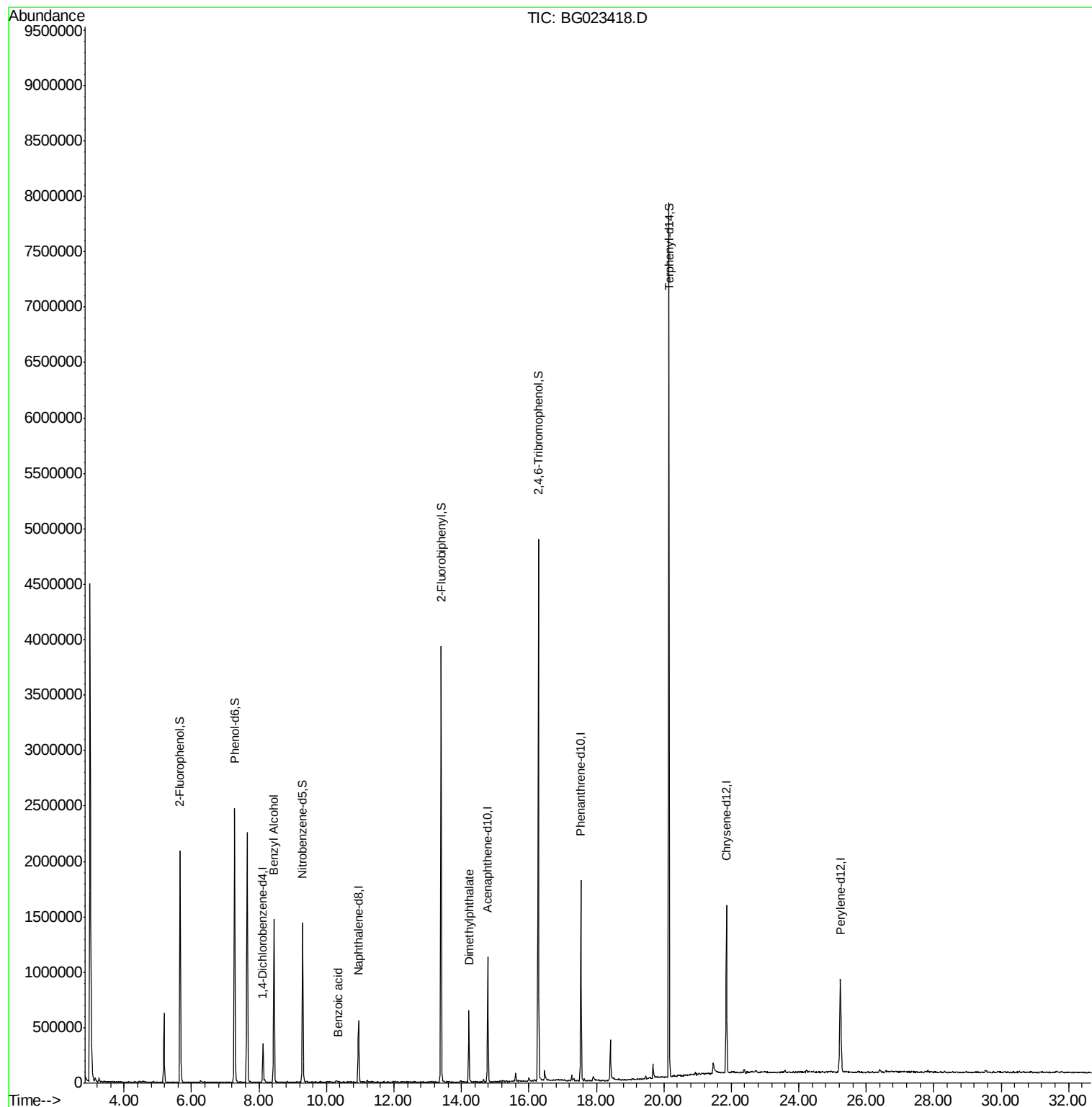
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	97992	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	472888	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	371583	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	1030881	20.00	ng	0.00
75) Chrysene-d12	21.86	240	918959	20.00	ng	0.00
86) Perylene-d12	25.23	264	941352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	946445	162.58	ng	0.00
7) Phenol-d6	7.27	99	1482757	163.53	ng	0.00
23) Nitrobenzene-d5	9.30	82	947899	99.65	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	924940	170.18	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1935429	87.85	ng	0.00
78) Terphenyl-d14	20.15	244	2798263	98.28	ng	0.00
Target Compounds						
9) Benzaldehyde	7.27	77	3169	Below Cal	#	8
15) Benzyl Alcohol	8.44	79	14789	2.15	ng	51
32) Benzoic acid	10.33	122	100	6.46	ng	19
49) Dimethylphthalate	14.22	163	411571	14.44	ng	99
73) Di-n-butylphthalate	18.49	149	6448	Below Cal	#	89
74) Fluoranthene	19.60	202	2969	Below Cal	#	18
77) Pyrene	19.96	202	2690	Below Cal	#	59

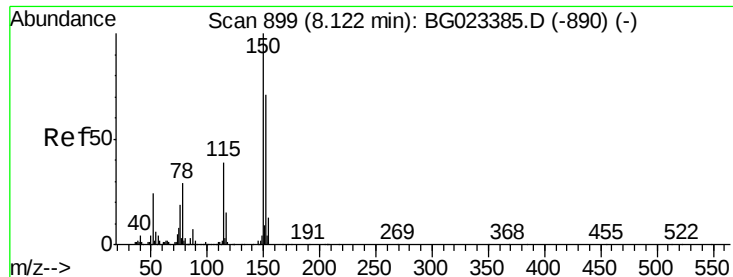
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG023418.D

Acq: 3 Aug 2016 5:42

Instrument :

BNA_G

ClientSampleId :

SB-67-14.0-15.0

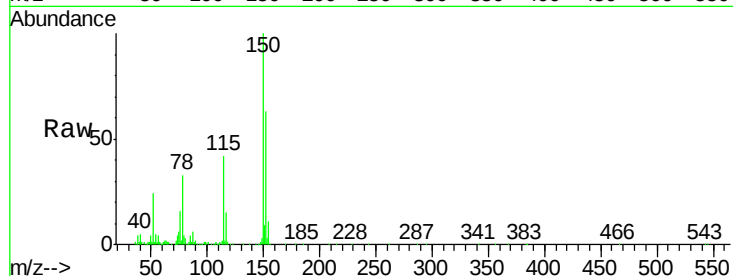
Tgt Ion:152 Resp: 97992

Ion Ratio Lower Upper

152 100

150 158.5 144.7 217.1

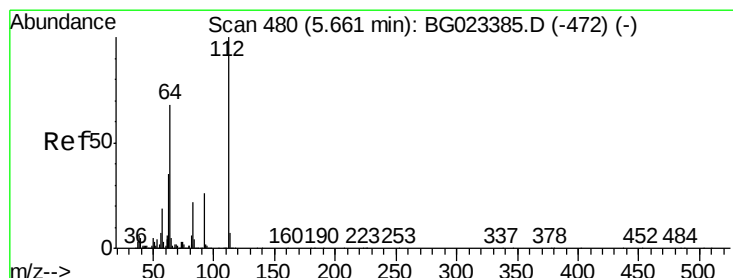
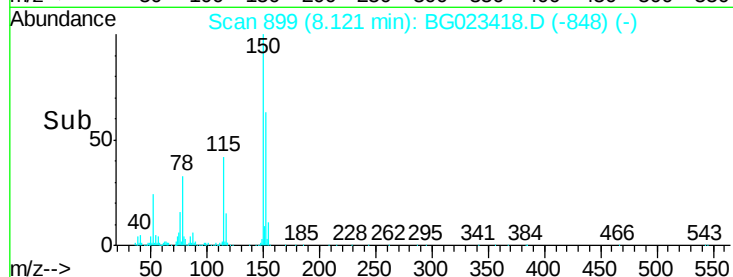
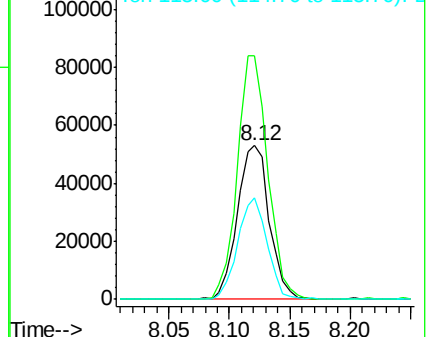
115 66.3 64.0 96.0



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: 162.58 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.00 min

Lab File: BG023418.D

Acq: 3 Aug 2016 5:42

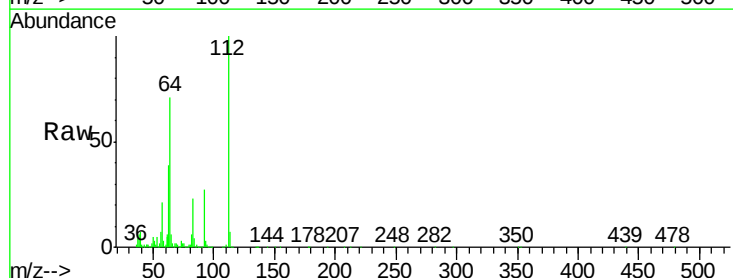
Tgt Ion:112 Resp: 946445

Ion Ratio Lower Upper

112 100

64 70.7 59.0 88.4

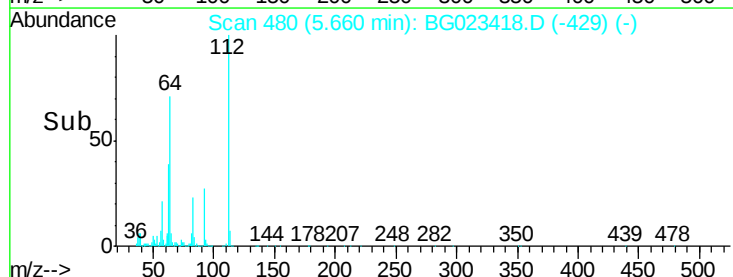
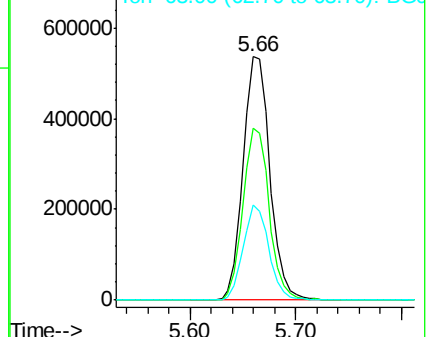
63 38.8 37.8 56.8

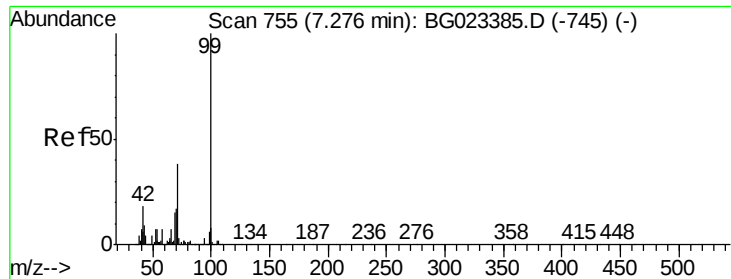


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 163.53 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023418.D

Acq: 3 Aug 2016 5:42

Instrument :

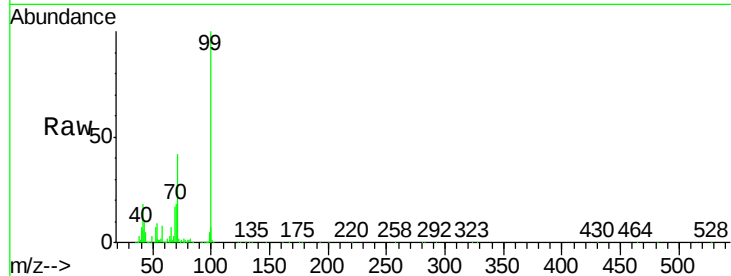
BNA_G

ClientSampleId :

SB-67-14.0-15.0

Tgt Ion: 99 Resp: 1482757

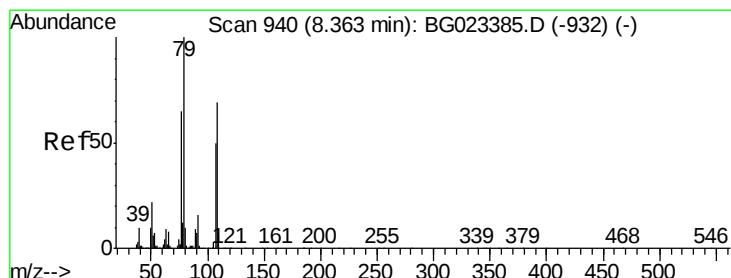
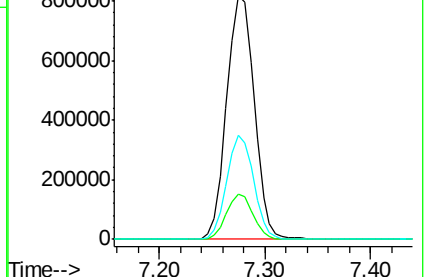
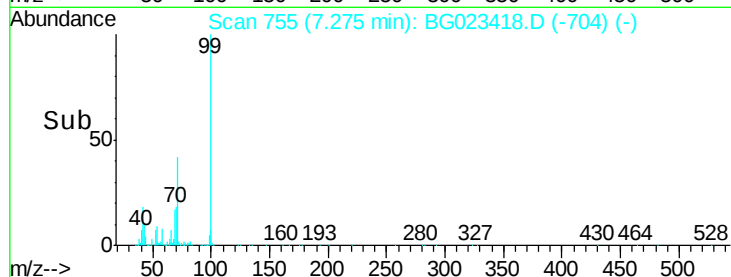
Ion	Ratio	Lower	Upper
99	100		
42	18.3	17.8	26.6
71	42.5	41.5	62.3



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



#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 8.44 min Scan# 954

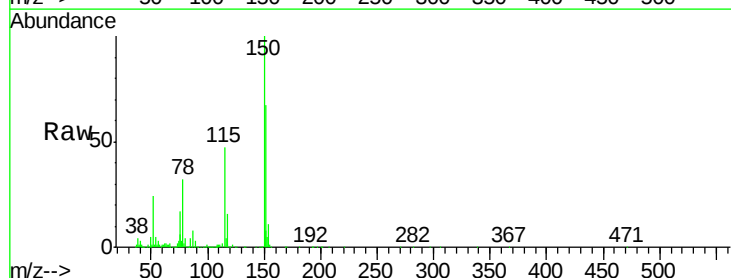
Delta R.T. 0.08 min

Lab File: BG023418.D

Acq: 3 Aug 2016 5:42

Tgt Ion: 79 Resp: 14789

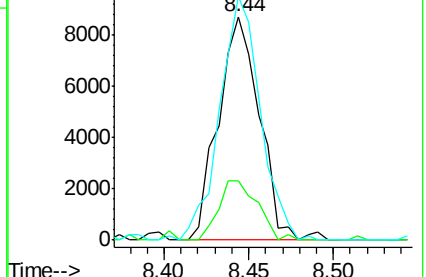
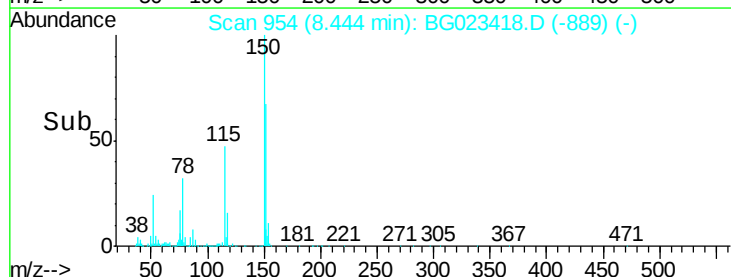
Ion	Ratio	Lower	Upper
79	100		
108	26.7	46.5	69.7#
77	108.8	52.3	78.5#

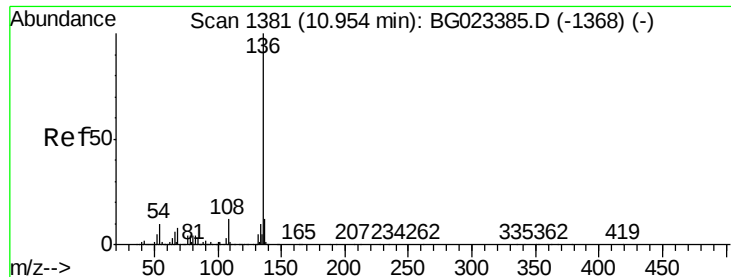


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

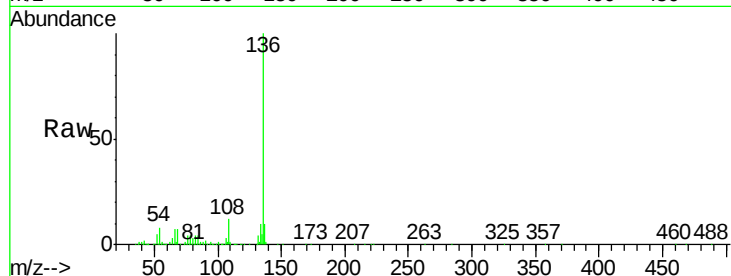




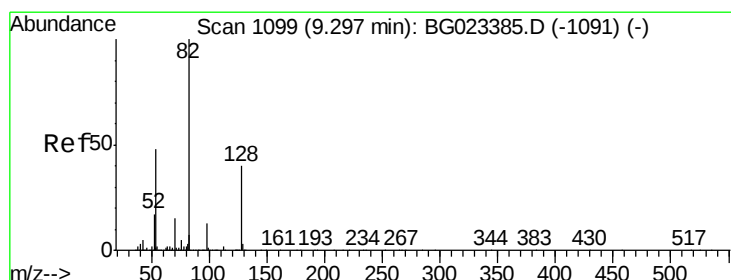
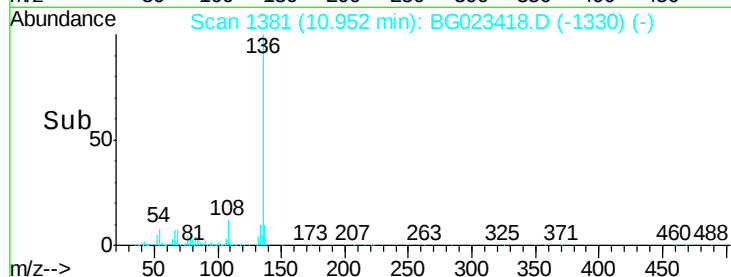
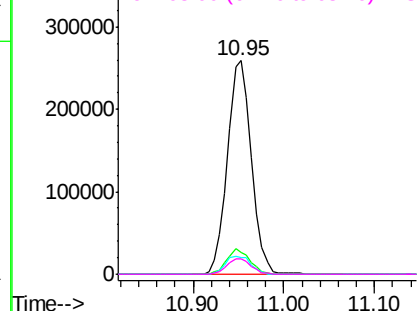
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG023418.D
Acq: 3 Aug 2016 5:42

Instrument :
BNA_G
ClientSampleId :
SB-67-14.0-15.0

Tgt Ion:	136	Resp:	472888
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.6	14.4
54	8.0	7.3	10.9
68	6.9	5.3	7.9

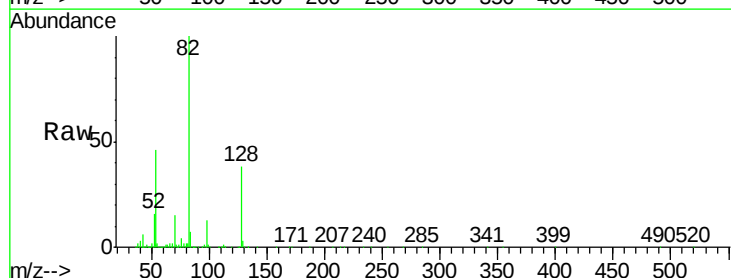


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

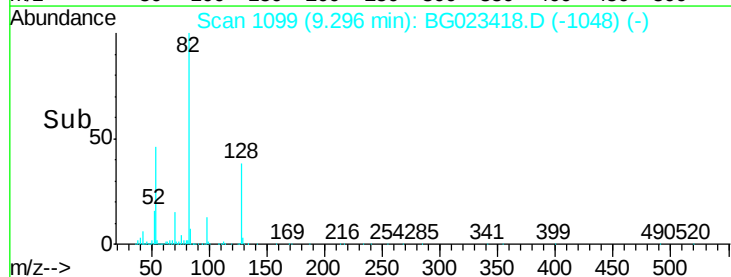
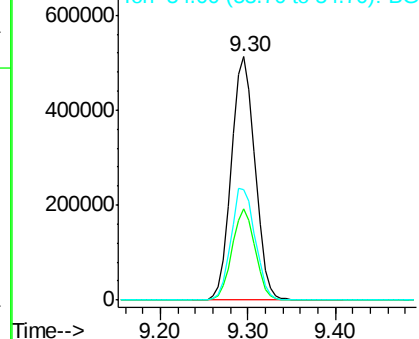


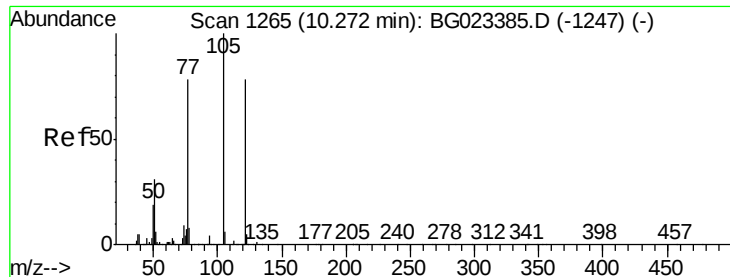
#23
Nitrobenzene-d5
Concen: 99.65 ng
RT: 9.30 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BG023418.D
Acq: 3 Aug 2016 5:42

Tgt Ion:	82	Resp:	947899
Ion	Ratio	Lower	Upper
82	100		
128	37.8	24.4	36.6#
54	45.6	41.4	62.0



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

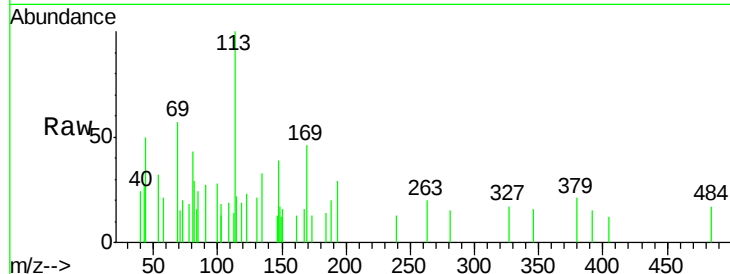




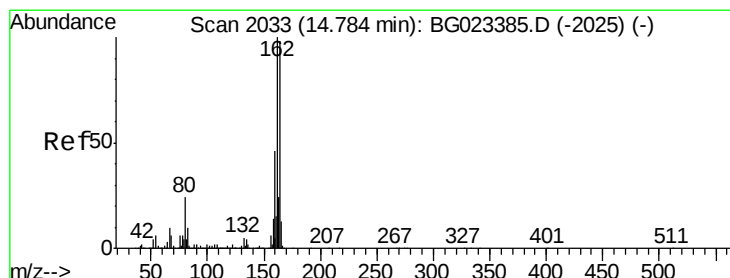
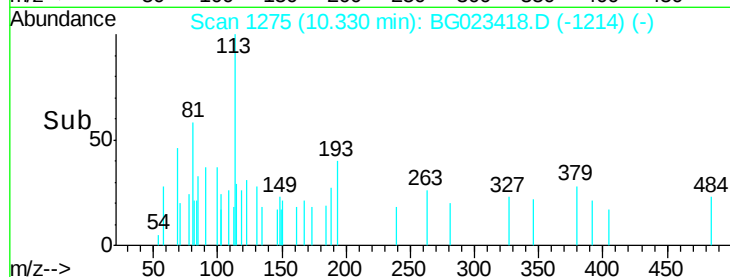
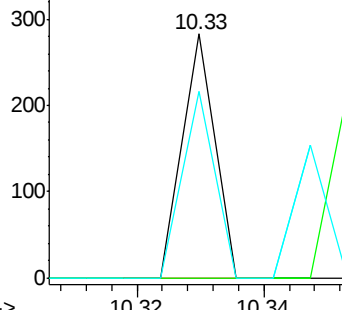
#32
Benzoic acid
Concen: 6.46 ng
RT: 10.33 min Scan# 1275
Delta R.T. 0.06 min
Lab File: BG023418.D
Acq: 3 Aug 2016 5:42

Instrument :
BNA_G
ClientSampleId :
SB-67-14.0-15.0

Tgt Ion:122 Resp: 100
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 76.3 109.2 149.2#

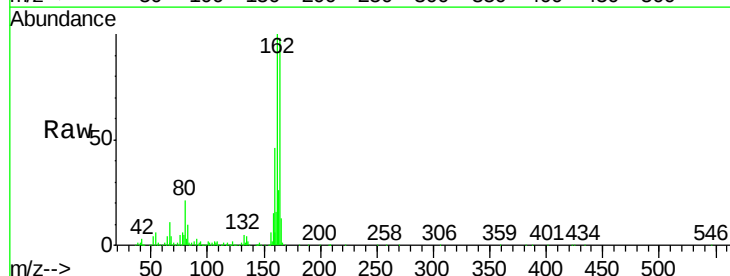


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

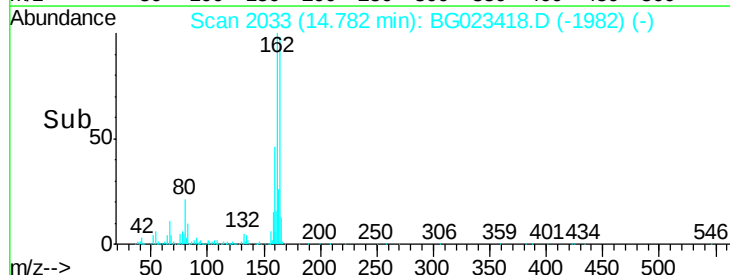
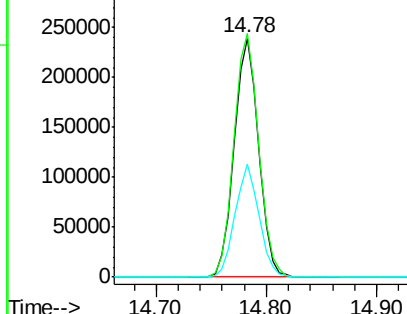


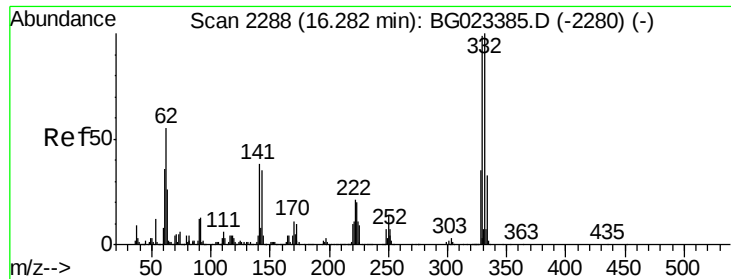
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023418.D
Acq: 3 Aug 2016 5:42

Tgt Ion:164 Resp: 371583
Ion Ratio Lower Upper
164 100
162 101.9 87.7 131.5
160 47.3 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

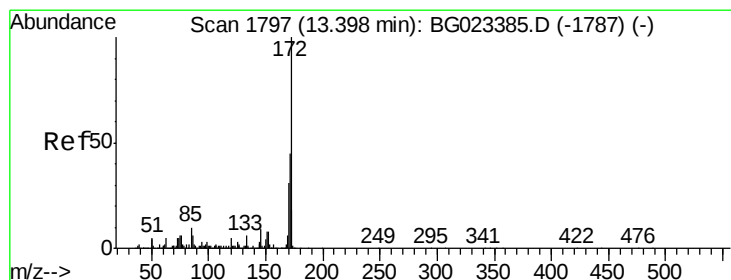
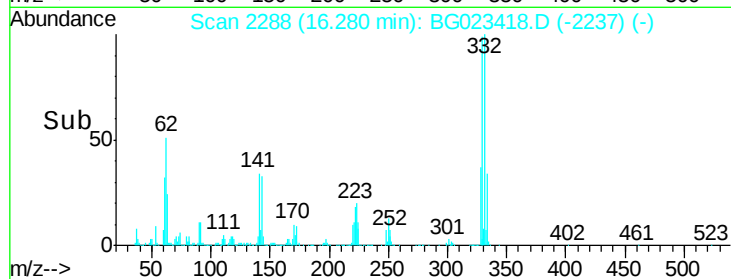
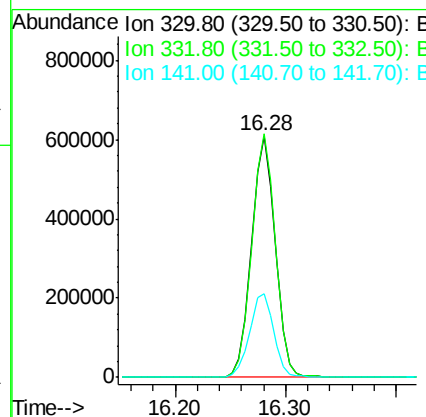
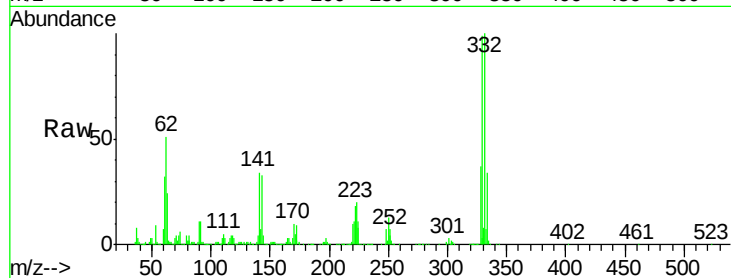




#41
 2,4,6-Tribromophenol
 Concen: 170.18 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BG023418.D
 Acq: 3 Aug 2016 5:42

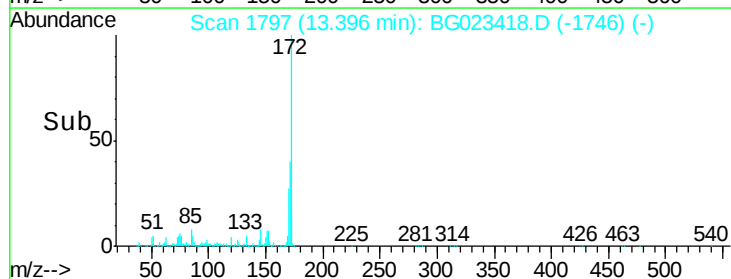
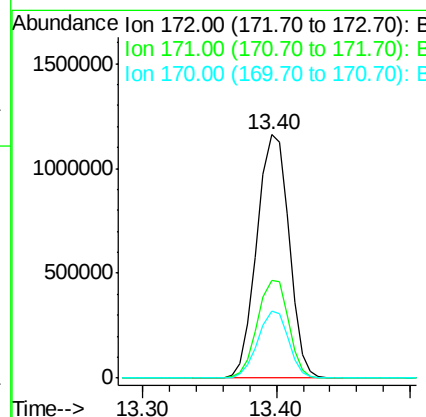
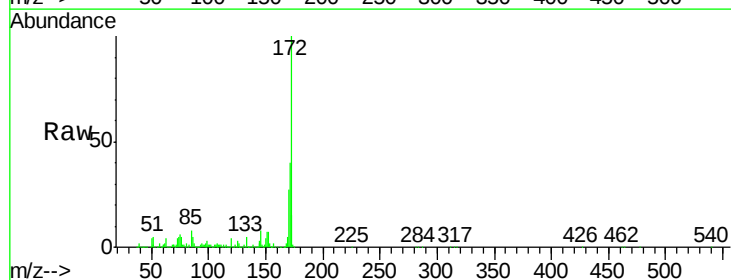
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 BNA_G
 ClientSampleId :
 SB-67-14.0-15.0

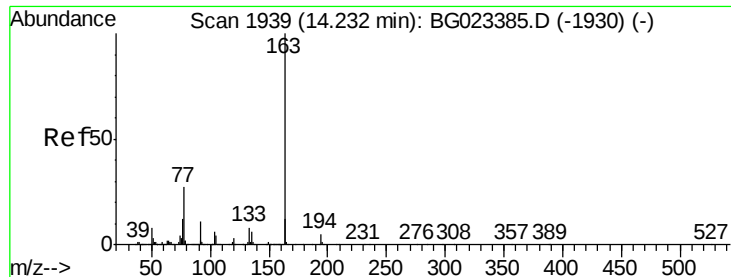
Tgt Ion:330 Resp: 924940
 Ion Ratio Lower Upper
 330 100
 332 100.0 77.4 116.2
 141 35.3 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 87.85 ng
 RT: 13.40 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG023418.D
 Acq: 3 Aug 2016 5:42

Tgt Ion:172 Resp: 1935429
 Ion Ratio Lower Upper
 172 100
 171 40.3 31.6 47.4
 170 27.3 21.3 31.9





#49

Dimethylphthalate

Concen: 14.44 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023418.D

Acq: 3 Aug 2016 5:42

Instrument :

BNA_G

ClientSampleId :

SB-67-14.0-15.0

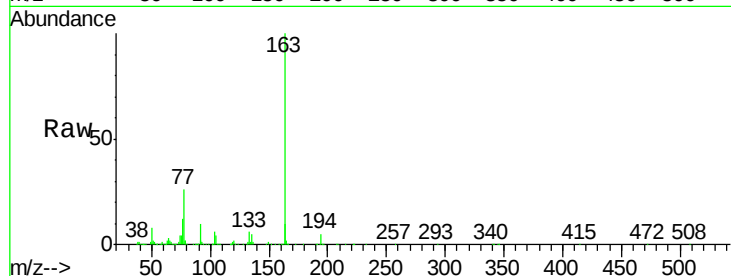
Tgt Ion:163 Resp: 411571

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

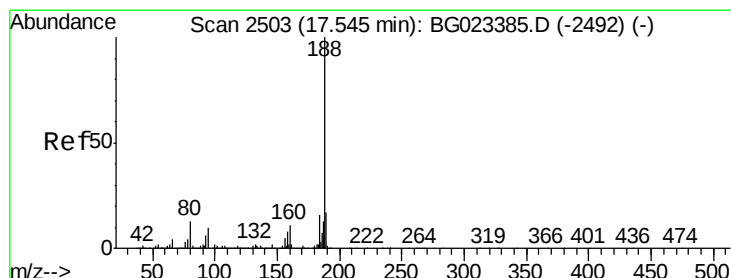
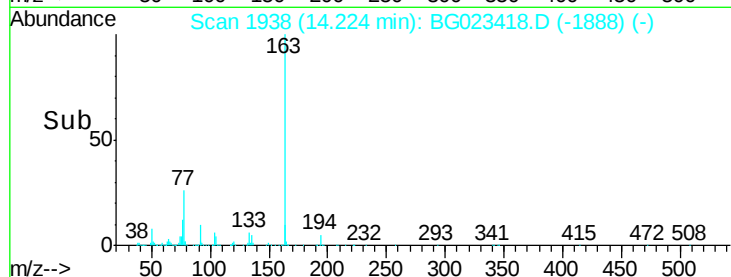
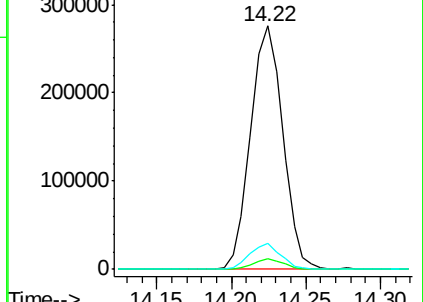
164 10.5 8.1 12.1



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: 17.54 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG023418.D

Acq: 3 Aug 2016 5:42

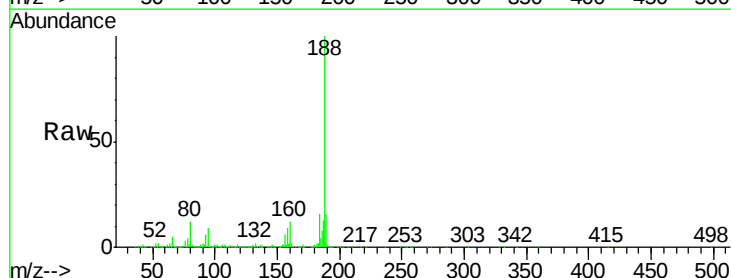
Tgt Ion:188 Resp: 1030881

Ion Ratio Lower Upper

188 100

94 8.9 5.2 7.8#

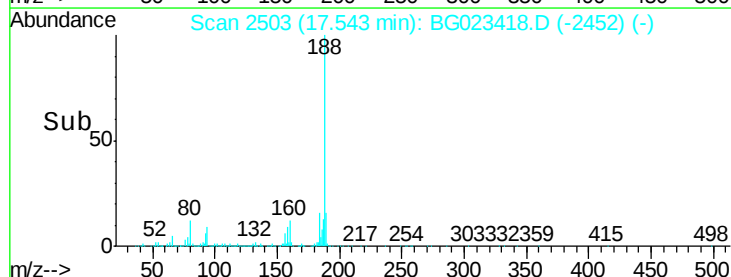
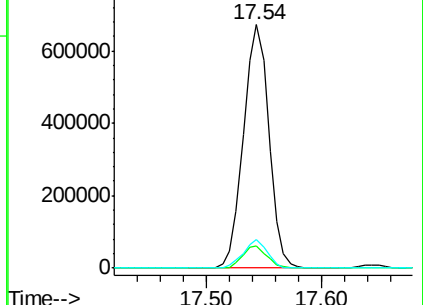
80 11.7 7.2 10.8#

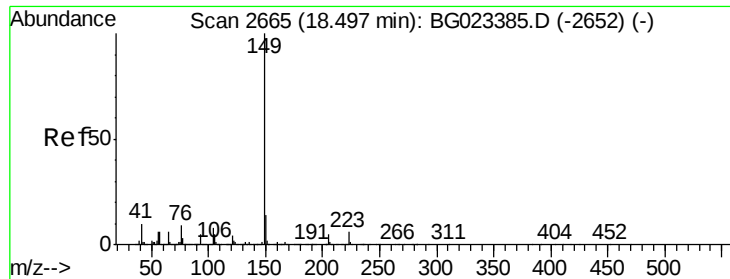


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 18.49 min Scan# 2664

Delta R.T. -0.01 min

Lab File: BG023418.D

Acq: 3 Aug 2016 5:42

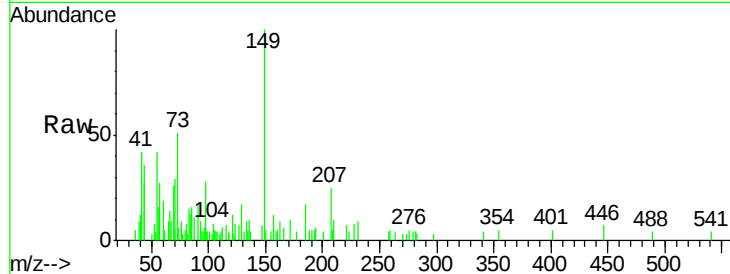
Instrument :

BNA_G

ClientSampleId :

SB-67-14.0-15.0

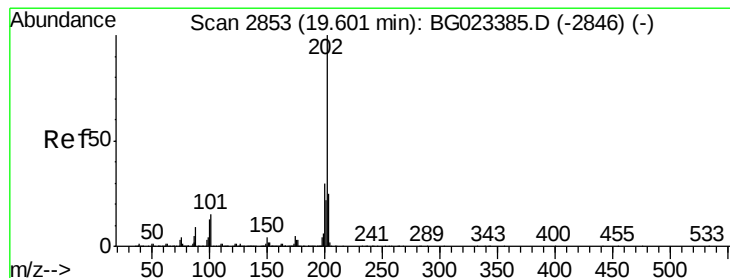
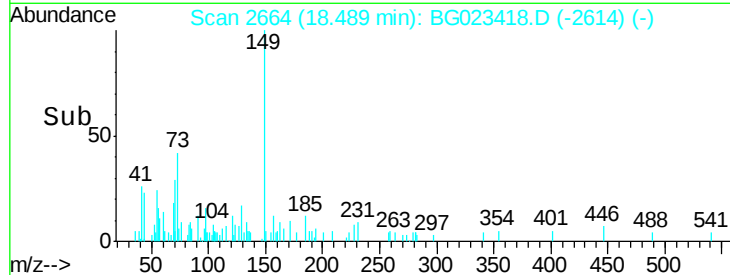
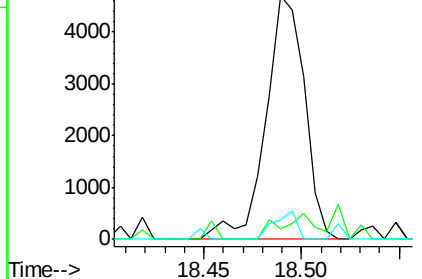
Tgt Ion:	149	Resp:	6448
Ion	Ratio	Lower	Upper
149	100		
150	4.6	9.1	13.7#
104	8.0	6.9	10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

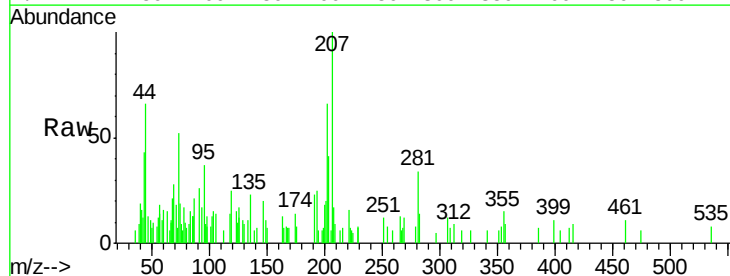
RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023418.D

Acq: 3 Aug 2016 5:42

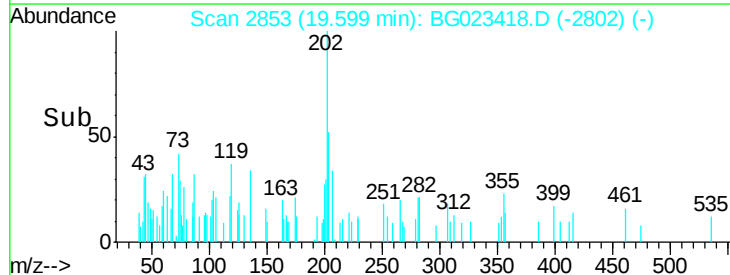
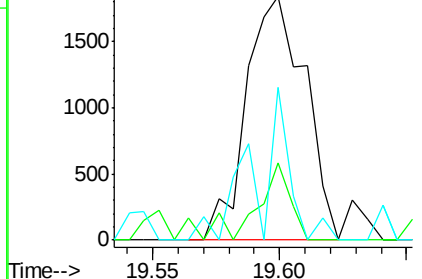
Tgt Ion:	202	Resp:	2969
Ion	Ratio	Lower	Upper
202	100		
101	31.8	0.0	27.4#
203	62.6	1.7	41.7#

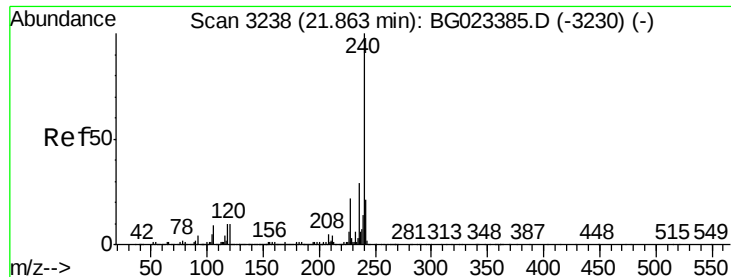


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BG023418.D

Acq: 3 Aug 2016 5:42

Instrument :

BNA_G

ClientSampleId :

SB-67-14.0-15.0

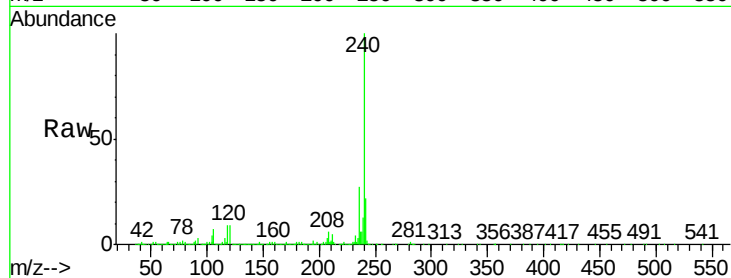
Tgt Ion:240 Resp: 918959

Ion Ratio Lower Upper

240 100

120 9.4 4.1 6.1#

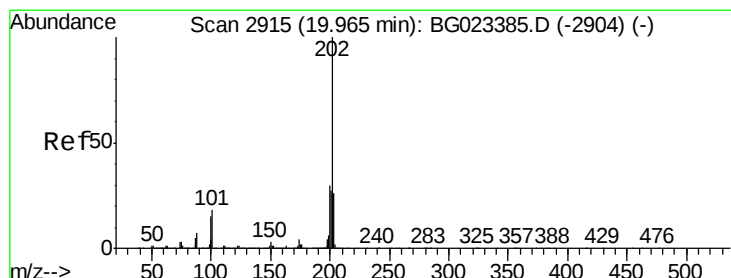
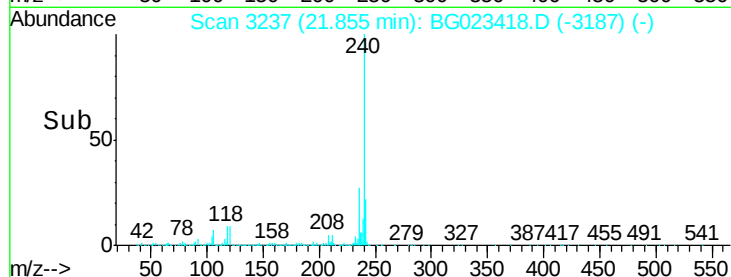
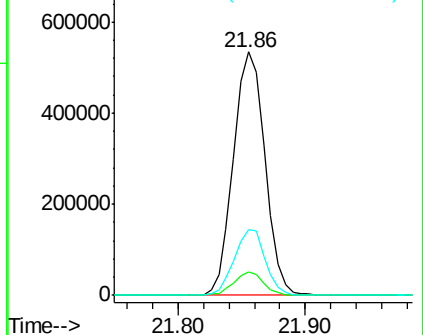
236 27.1 21.1 31.7



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



#77

Pyrene

Concen: Below Cal

RT: 19.96 min Scan# 2914

Delta R.T. -0.01 min

Lab File: BG023418.D

Acq: 3 Aug 2016 5:42

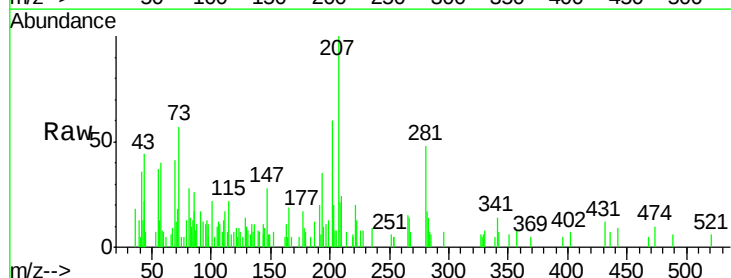
Tgt Ion:202 Resp: 2690

Ion Ratio Lower Upper

202 100

200 0.0 21.2 31.8#

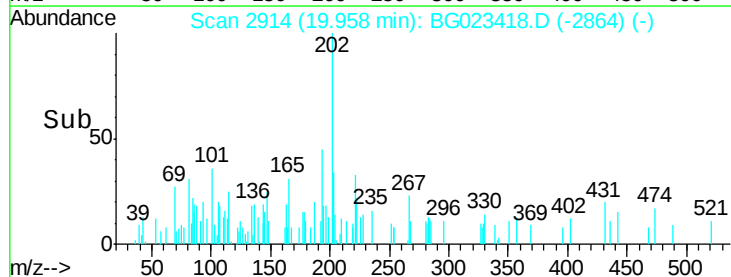
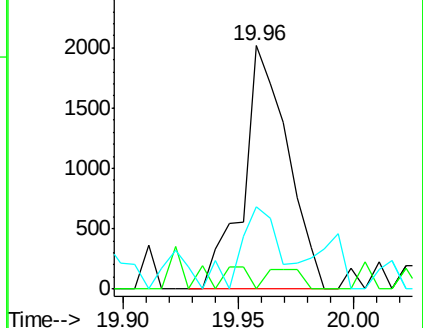
203 33.8 16.8 25.2#

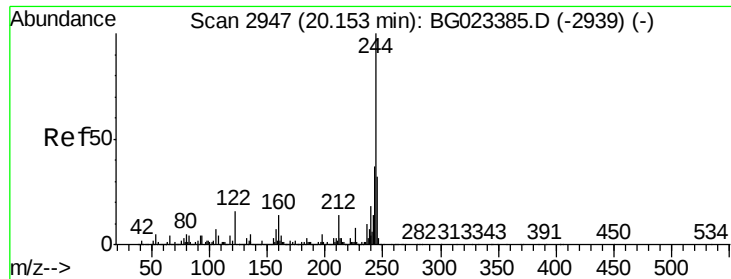


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 98.28 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023418.D

Acq: 3 Aug 2016 5:42

Instrument :

BNA_G

ClientSampleId :

SB-67-14.0-15.0

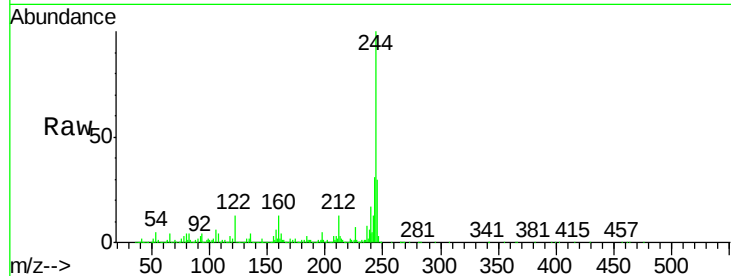
Tgt Ion:244 Resp: 2798263

Ion Ratio Lower Upper

244 100

212 13.4 10.8 16.2

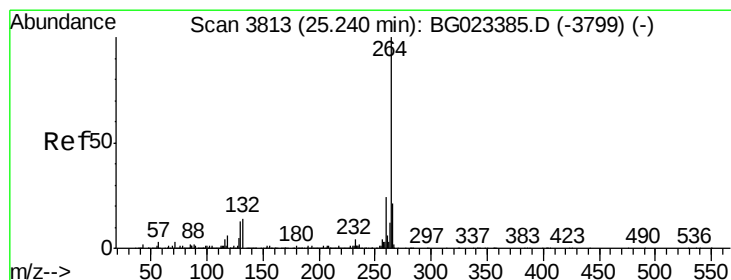
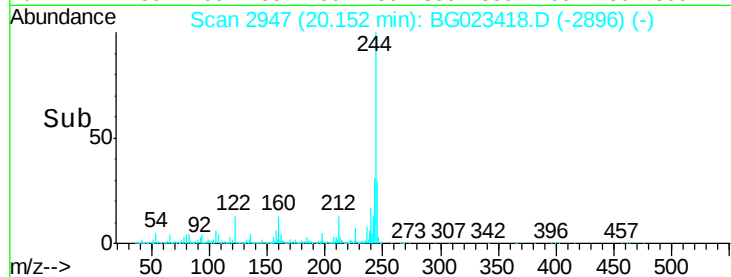
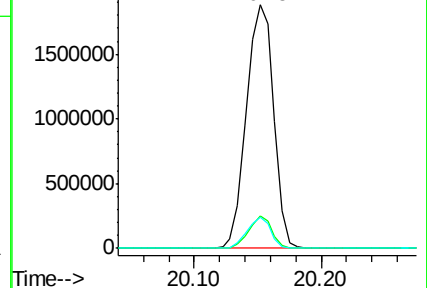
122 12.9 8.0 12.0#



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: 25.23 min Scan# 3812

Delta R.T. -0.01 min

Lab File: BG023418.D

Acq: 3 Aug 2016 5:42

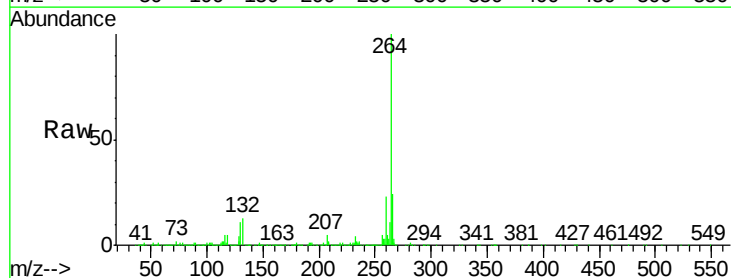
Tgt Ion:264 Resp: 941352

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 23.6 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

