

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080316\
 Data File : BG023433.D
 Acq On : 3 Aug 2016 20:03
 Operator : UM/SJ
 Sample : H4287-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-63-14.0-15.0

Quant Time: Aug 04 02:33:12 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

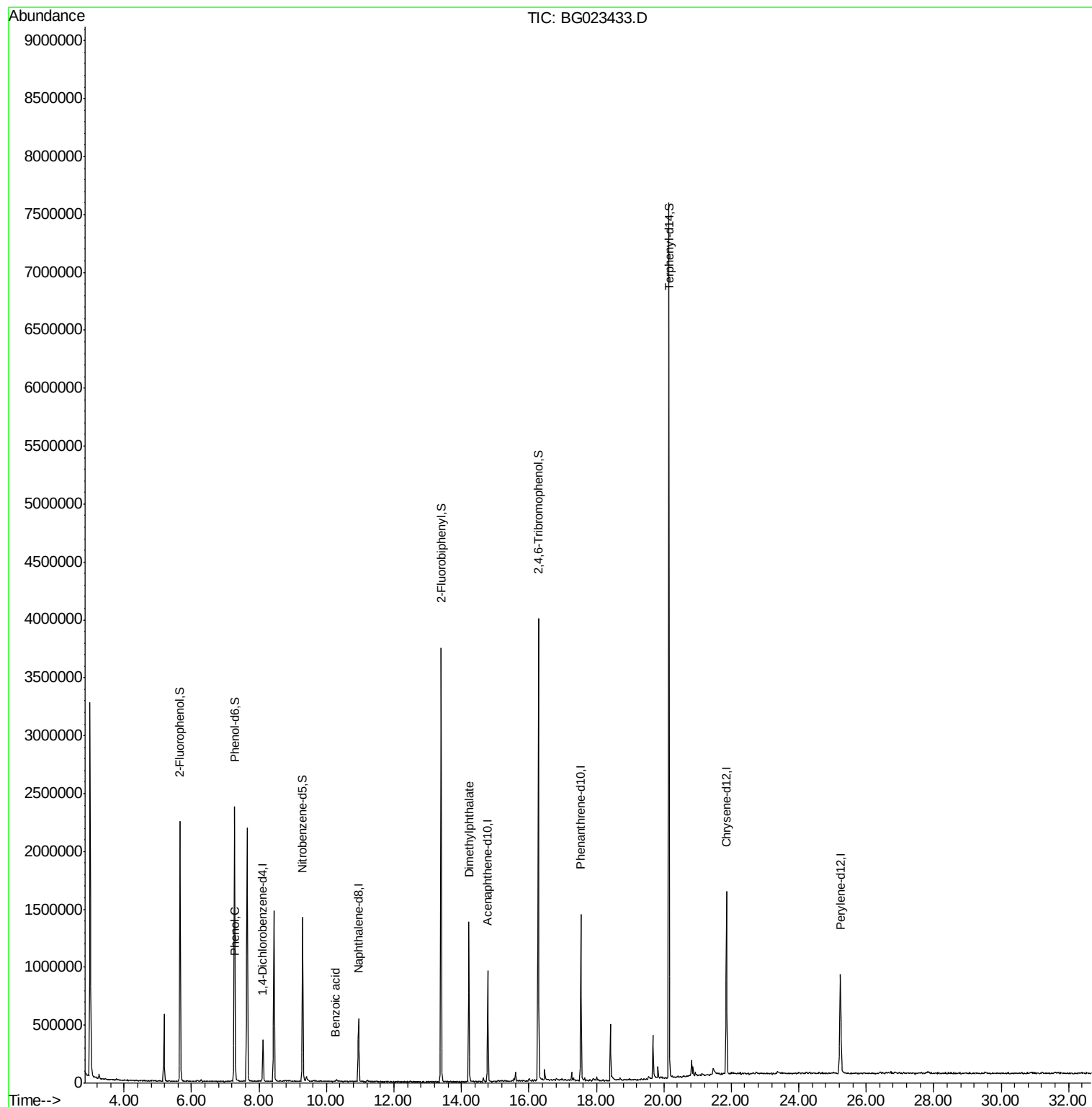
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	99507	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	436356	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	317887	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	868177	20.00	ng	0.00
75) Chrysene-d12	21.85	240	964709	20.00	ng	0.00
86) Perylene-d12	25.23	264	916039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	923175	156.17	ng	0.00
7) Phenol-d6	7.27	99	1410857	153.23	ng	0.00
23) Nitrobenzene-d5	9.30	82	907161	103.36	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	738494	158.83	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1818179	96.47	ng	0.00
78) Terphenyl-d14	20.15	244	2829905	93.78	ng	0.00
Target Compounds						
9) Benzaldehyde	7.27	77	3259	Below Cal	#	13
10) Phenol	7.30	94	20608	2.09 ng	#	73
32) Benzoic acid	10.26	122	139	6.46 ng	#	1
49) Dimethylphthalate	14.22	163	861705	35.33 ng		99
73) Di-n-butylphthalate	18.49	149	7204	Below Cal	#	91
74) Fluoranthene	19.62	202	77	Below Cal	#	60
77) Pyrene	20.15	202	13313	Below Cal	#	61

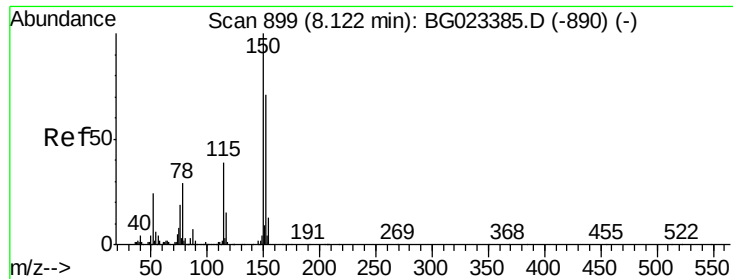
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023433.D

Acq: 3 Aug 2016 20:03

Instrument :

BNA_G

ClientSampleId :

SB-63-14.0-15.0

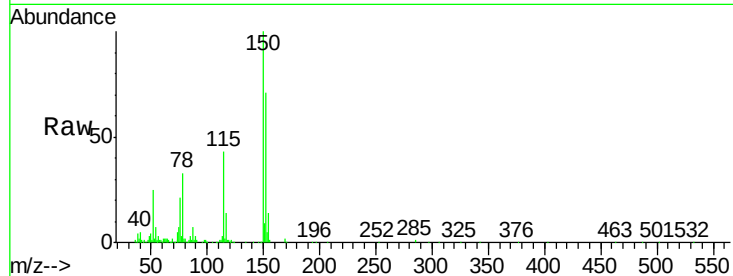
Tgt Ion:152 Resp: 99507

Ion Ratio Lower Upper

152 100

150 140.9 144.7 217.1#

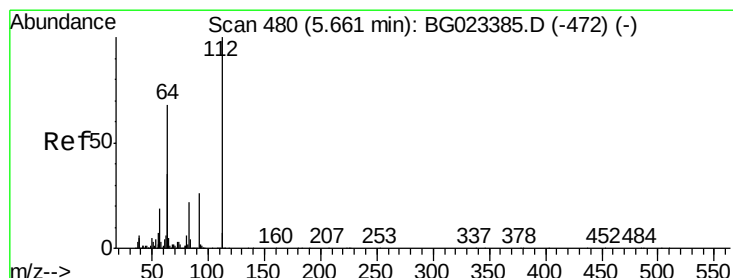
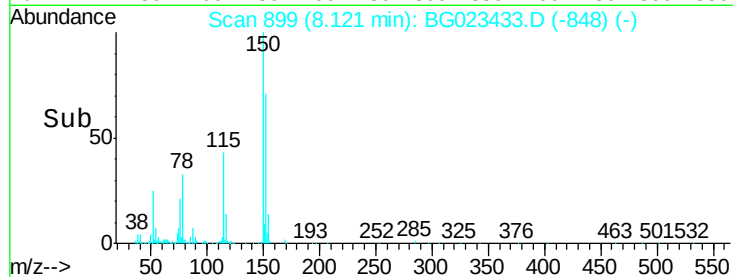
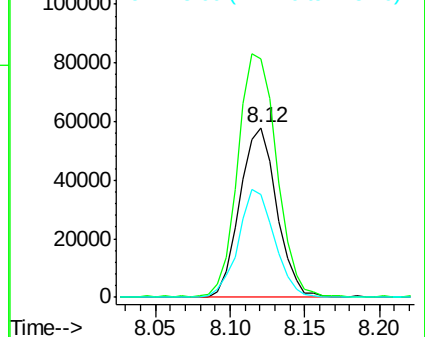
115 60.4 64.0 96.0#



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: 156.17 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.00 min

Lab File: BG023433.D

Acq: 3 Aug 2016 20:03

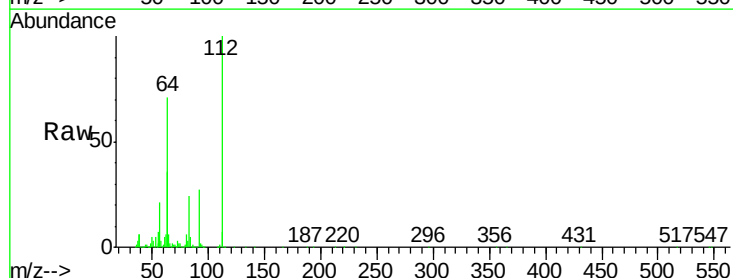
Tgt Ion:112 Resp: 923175

Ion Ratio Lower Upper

112 100

64 70.5 59.0 88.4

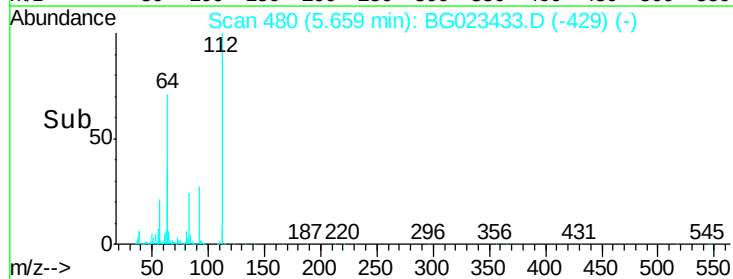
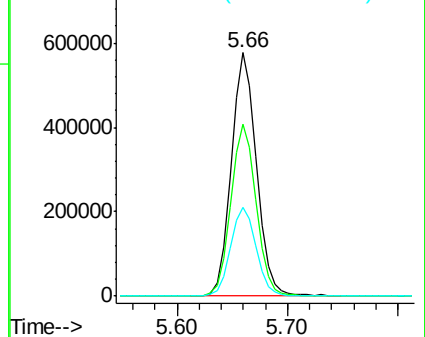
63 36.4 37.8 56.8#

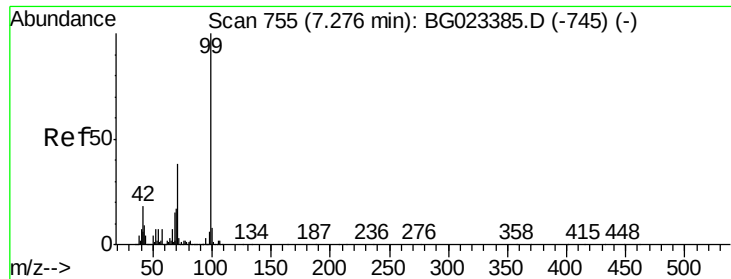


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 153.23 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023433.D

Acq: 3 Aug 2016 20:03

Instrument :

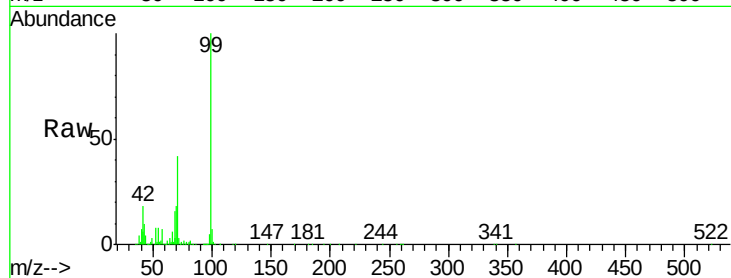
BNA_G

ClientSampleId :

SB-63-14.0-15.0

Tgt Ion: 99 Resp: 1410857

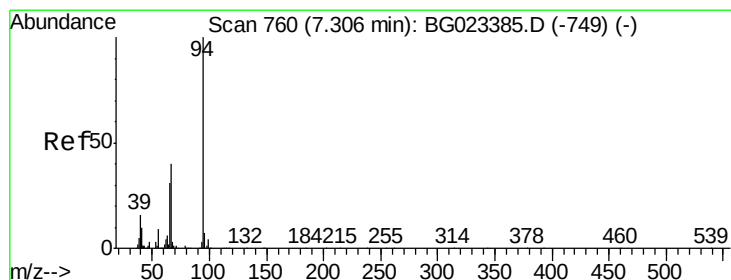
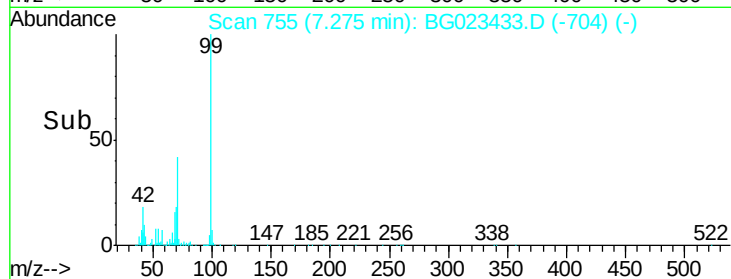
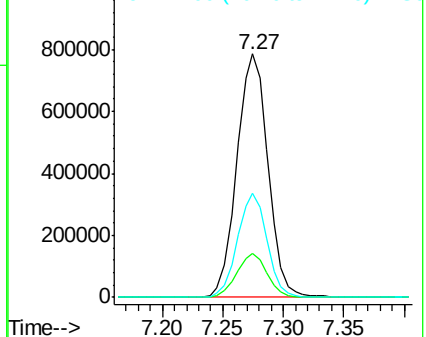
Ion	Ratio	Lower	Upper
99	100		
42	18.0	17.8	26.6
71	42.5	41.5	62.3



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



#10

Phenol

Concen: 2.09 ng

RT: 7.30 min Scan# 759

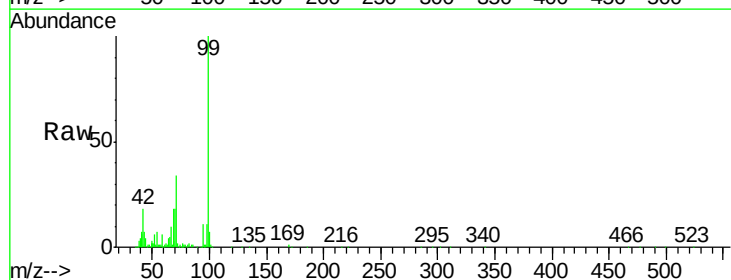
Delta R.T. -0.01 min

Lab File: BG023433.D

Acq: 3 Aug 2016 20:03

Tgt Ion: 94 Resp: 20608

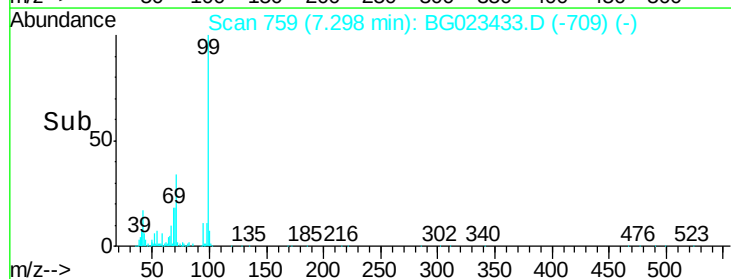
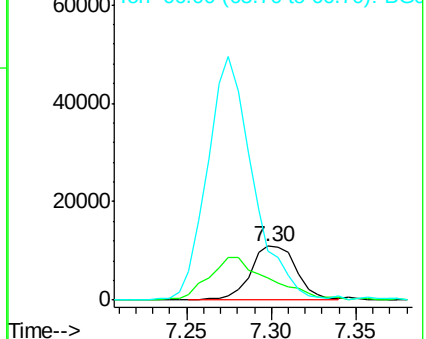
Ion	Ratio	Lower	Upper
94	100		
65	42.4	18.1	58.1
66	91.9	42.1	82.1

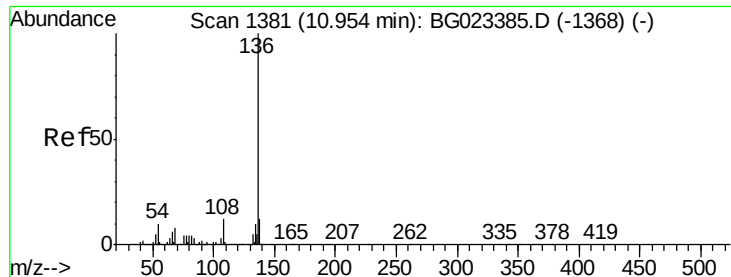


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

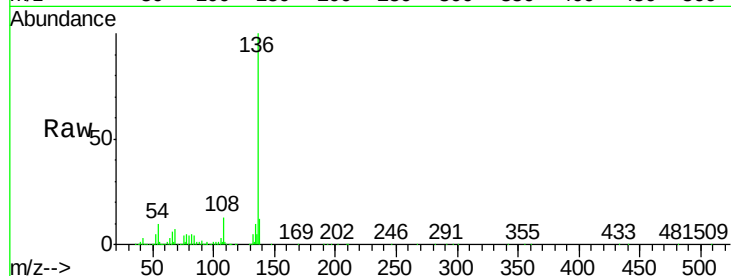




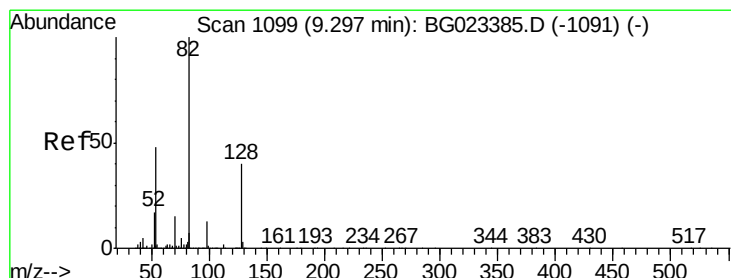
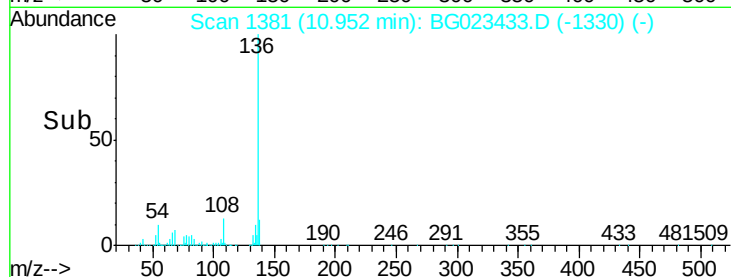
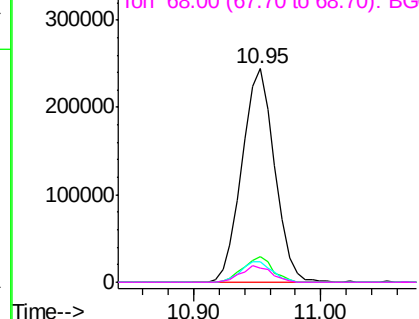
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG023433.D
Acq: 3 Aug 2016 20:03

Instrument :
BNA_G
ClientSampleId :
SB-63-14.0-15.0

Tgt Ion:	136	Resp:	436356
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	9.7	7.3	10.9
68	6.5	5.3	7.9

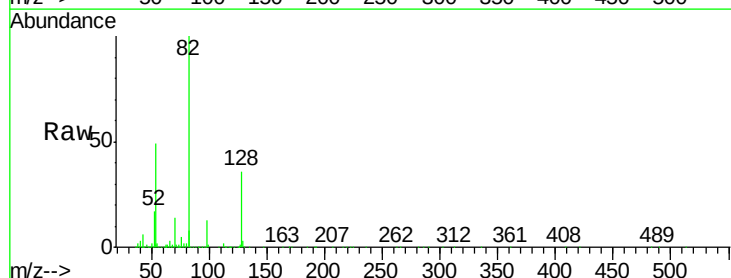


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

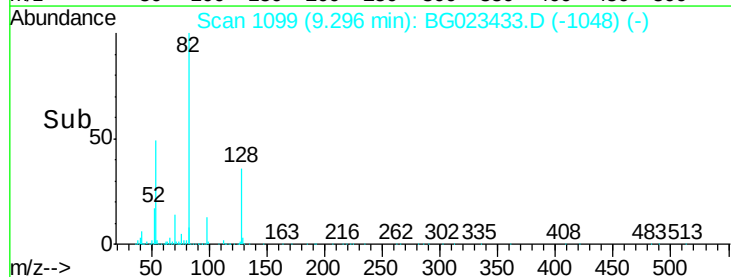
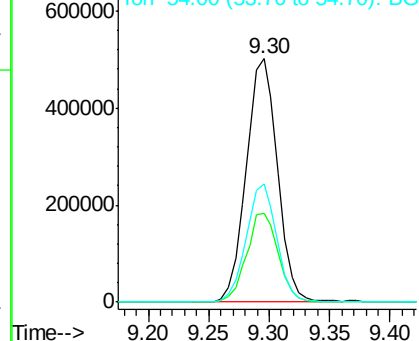


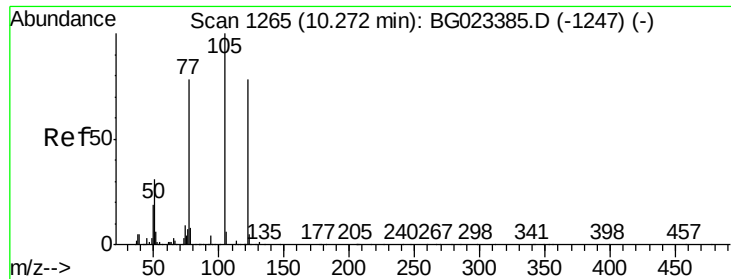
#23
Nitrobenzene-d5
Concen: 103.36 ng
RT: 9.30 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BG023433.D
Acq: 3 Aug 2016 20:03

Tgt Ion:	82	Resp:	907161
Ion	Ratio	Lower	Upper
82	100		
128	36.4	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

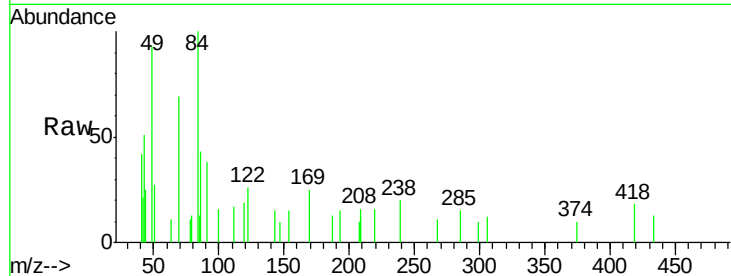




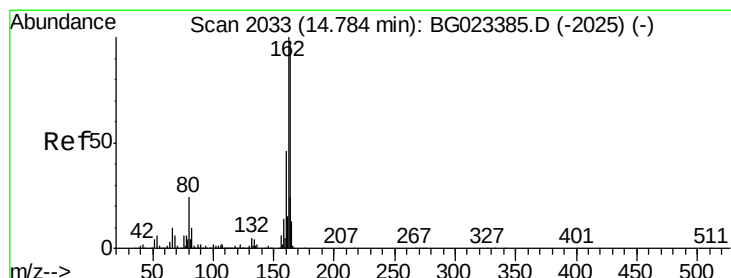
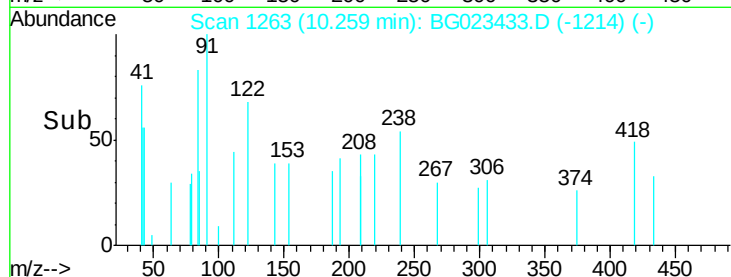
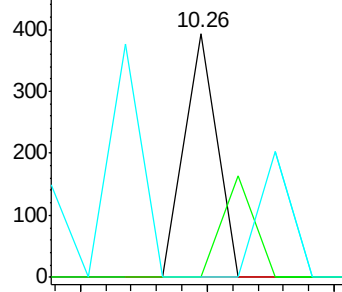
#32
Benzoic acid
Concen: 6.46 ng
RT: 10.26 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BG023433.D
Acq: 3 Aug 2016 20:03

Instrument :
BNA_G
ClientSampleId :
SB-63-14.0-15.0

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

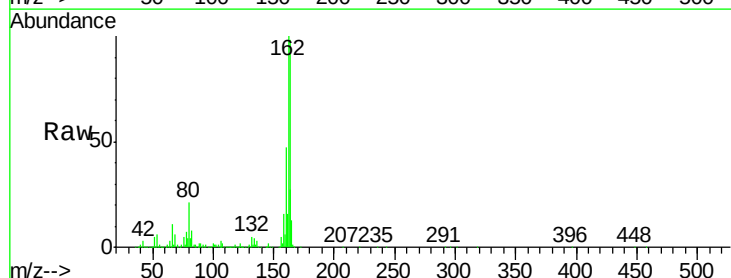


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

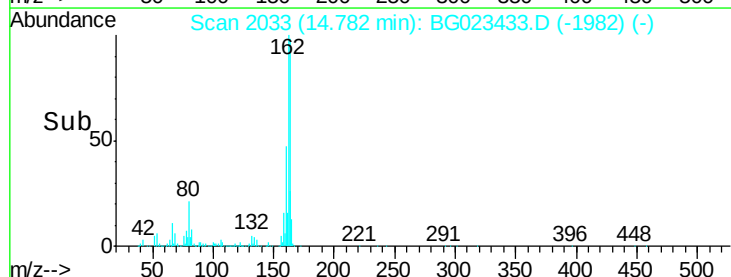
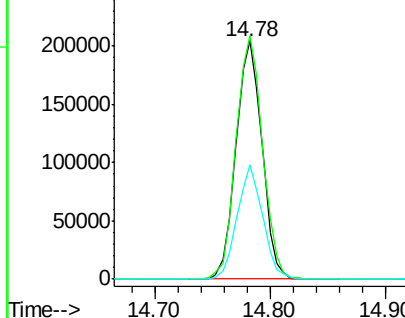


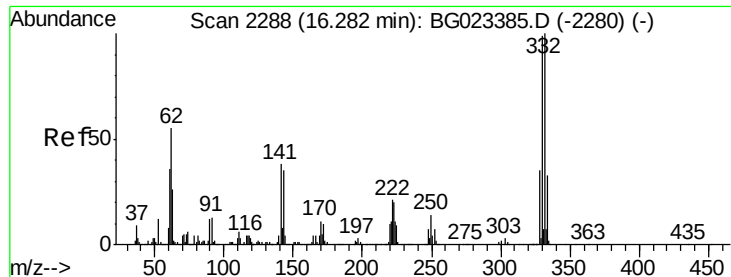
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023433.D
Acq: 3 Aug 2016 20:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	87.7	131.5
160	48.2	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

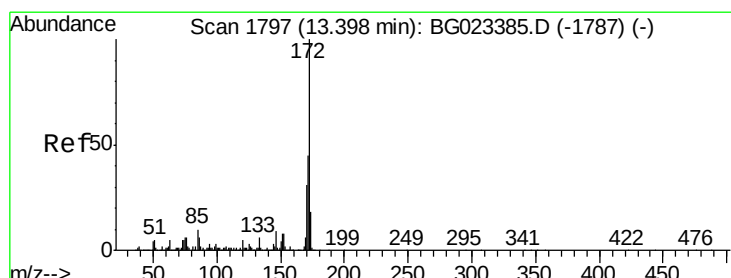
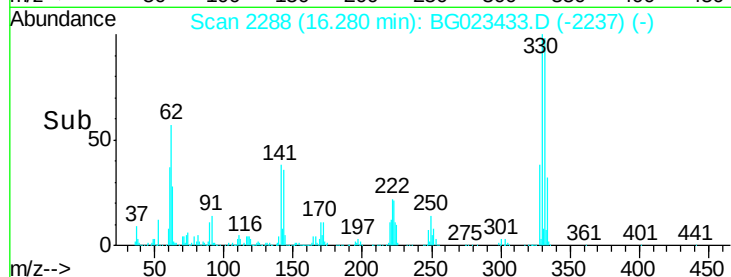
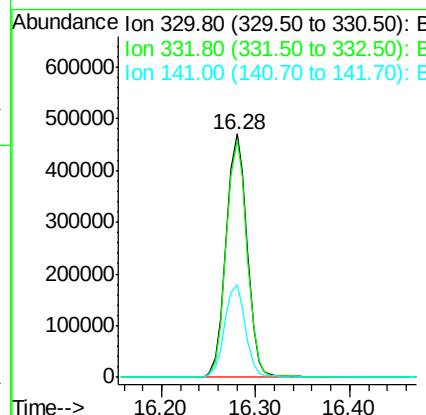
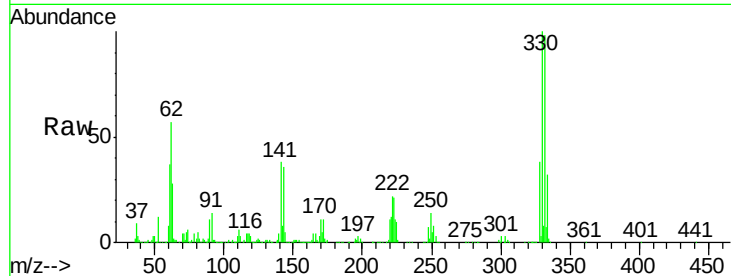




#41
 2,4,6-Tribromophenol
 Concen: 158.83 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BG023433.D
 Acq: 3 Aug 2016 20:03

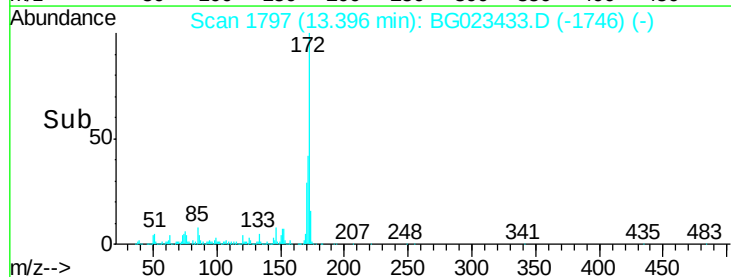
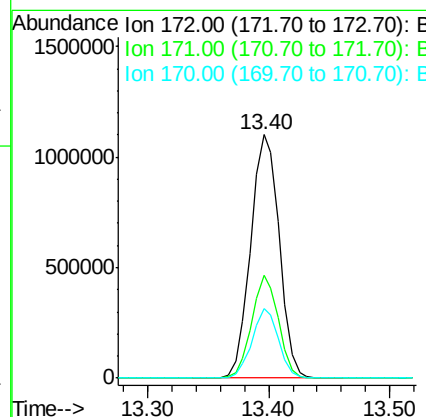
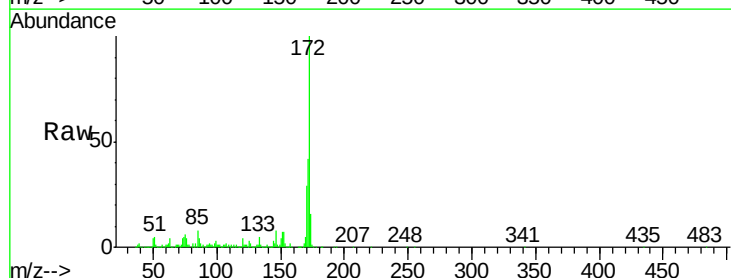
Instrument :
 BNA_G
 ClientSampleId :
 SB-63-14.0-15.0

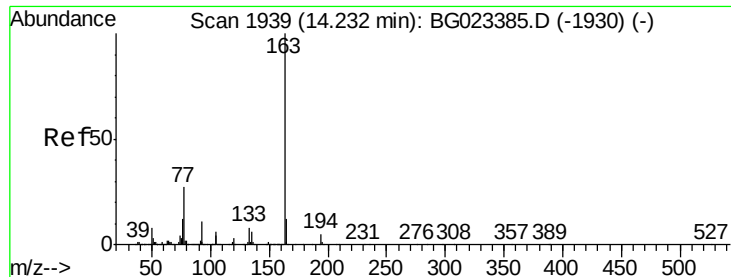
Tgt Ion:330 Resp: 738494
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 37.8 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 96.47 ng
 RT: 13.40 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG023433.D
 Acq: 3 Aug 2016 20:03

Tgt Ion:172 Resp: 1818179
 Ion Ratio Lower Upper
 172 100
 171 42.5 31.6 47.4
 170 28.6 21.3 31.9





#49

Dimethylphthalate

Concen: 35.33 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023433.D

Acq: 3 Aug 2016 20:03

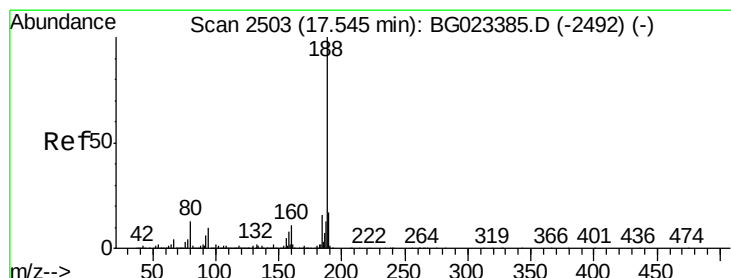
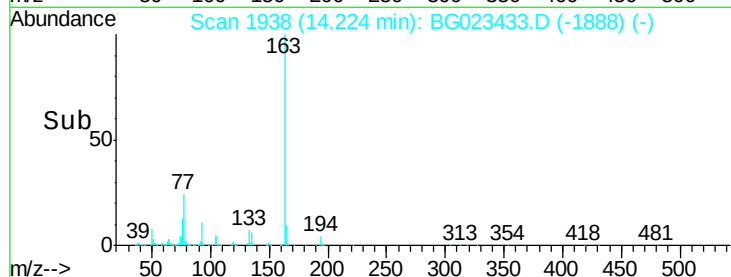
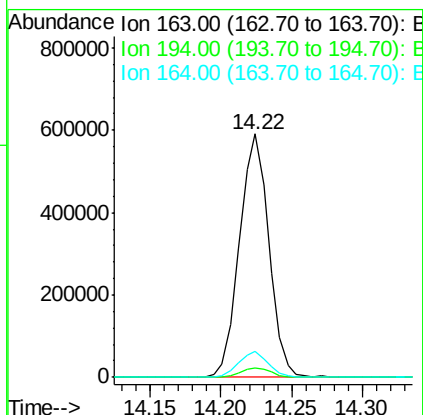
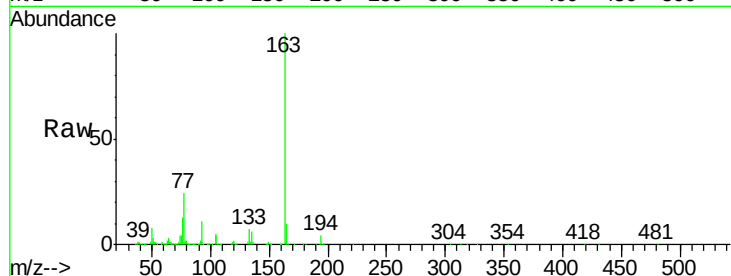
Instrument :

BNA_G

ClientSampleId :

SB-63-14.0-15.0

Tgt Ion:	163	Resp:	861705
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.6	5.4
164	10.4	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

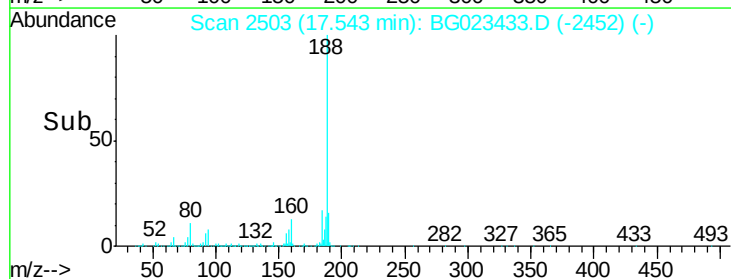
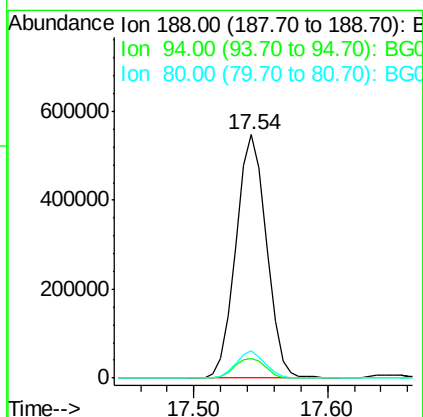
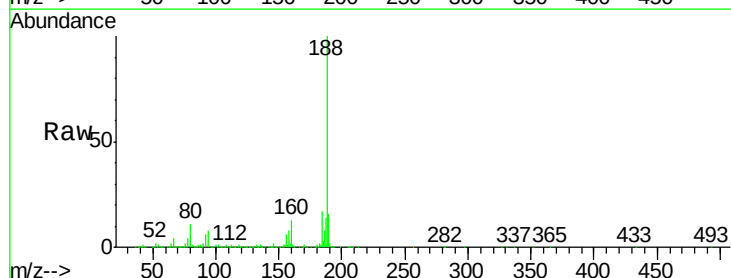
RT: 17.54 min Scan# 2503

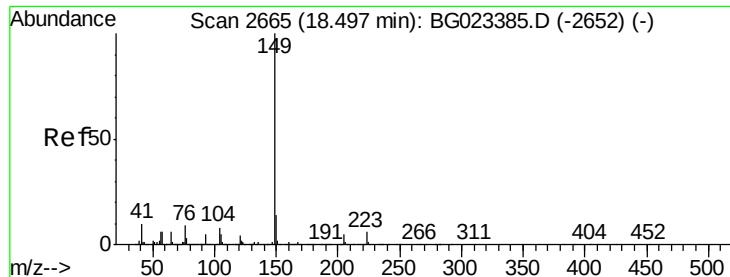
Delta R.T. -0.00 min

Lab File: BG023433.D

Acq: 3 Aug 2016 20:03

Tgt Ion:	188	Resp:	868177
Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.2	7.8#
80	11.4	7.2	10.8#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 18.49 min Scan# 2664

Delta R.T. -0.01 min

Lab File: BG023433.D

Acq: 3 Aug 2016 20:03

Instrument :

BNA_G

ClientSampleId :

SB-63-14.0-15.0

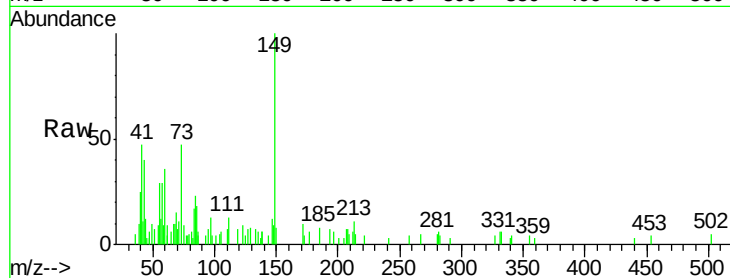
Tgt Ion:149 Resp: 7204

Ion Ratio Lower Upper

149 100

150 8.2 9.1 13.7#

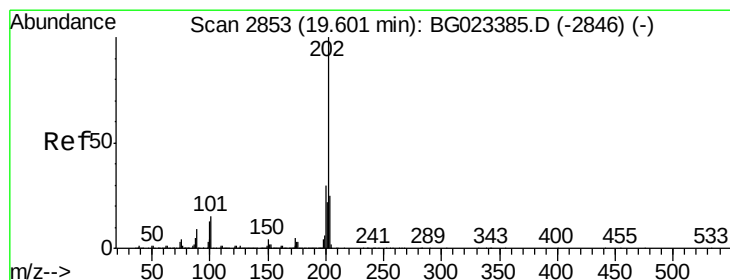
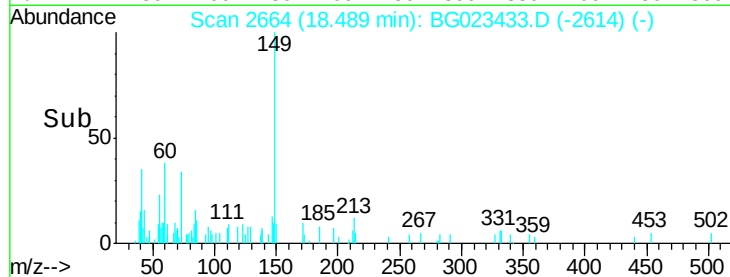
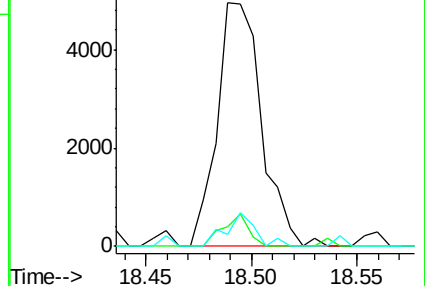
104 5.1 6.9 10.3#



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: 19.62 min Scan# 2856

Delta R.T. 0.02 min

Lab File: BG023433.D

Acq: 3 Aug 2016 20:03

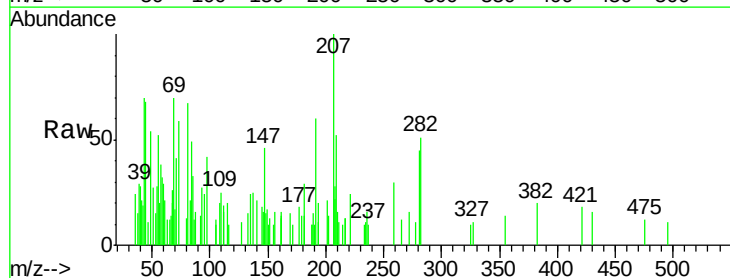
Tgt Ion:202 Resp: 77

Ion Ratio Lower Upper

202 100

101 0.0 0.0 27.4

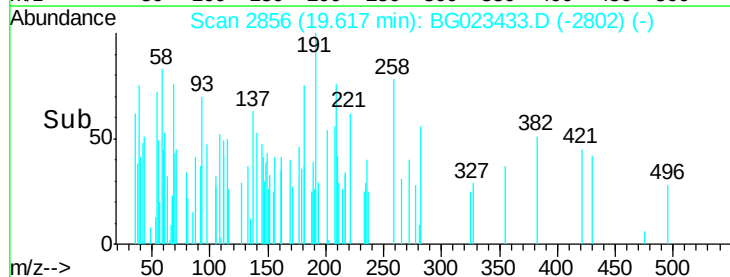
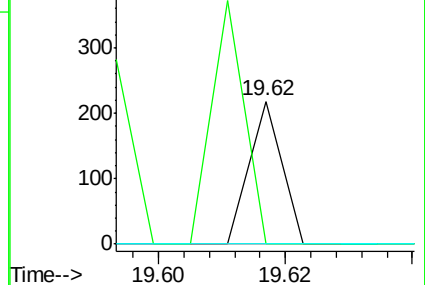
203 0.0 1.7 41.7#

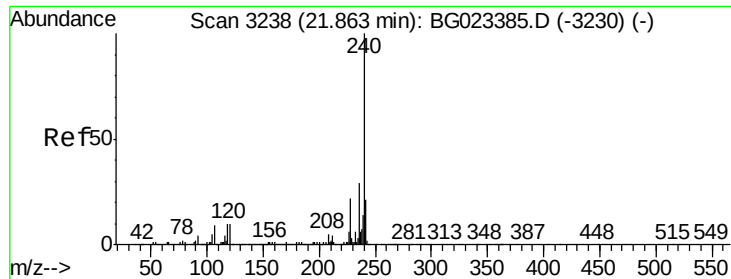


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

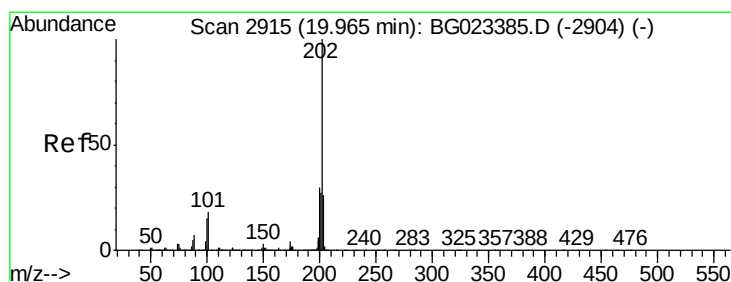
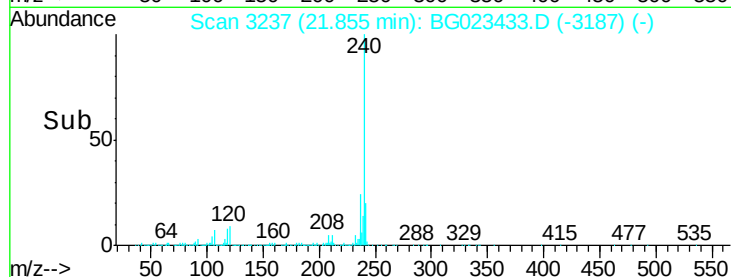
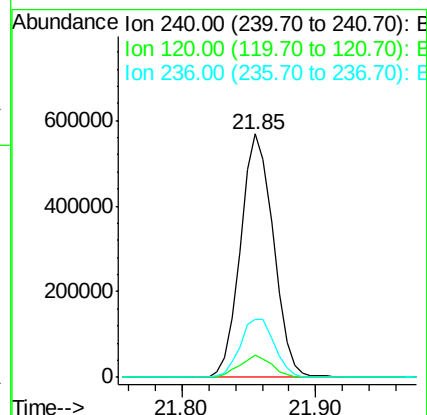
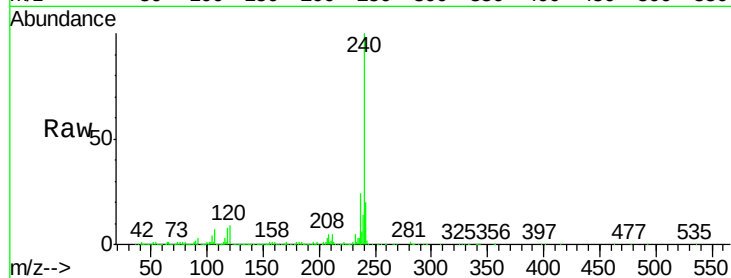




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BG023433.D
Acq: 3 Aug 2016 20:03

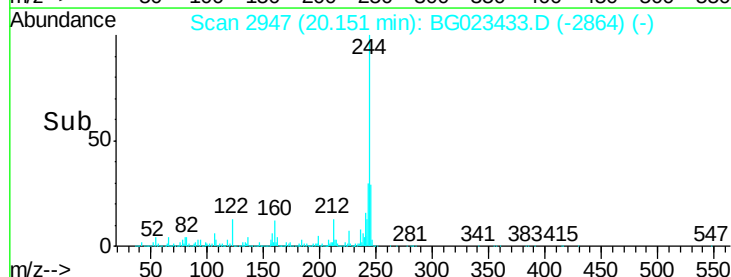
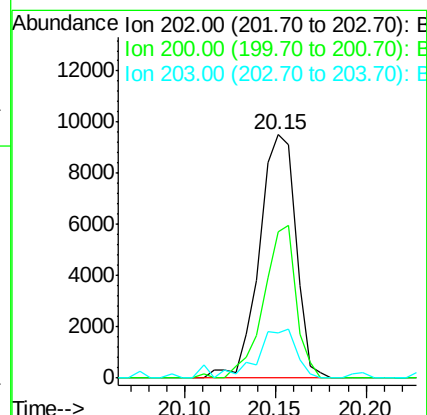
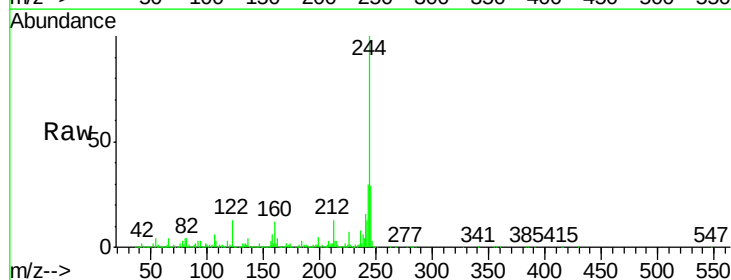
Instrument :
BNA_G
ClientSampleId :
SB-63-14.0-15.0

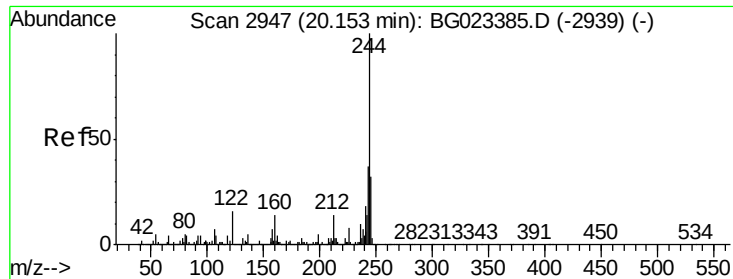
Tgt Ion:240 Resp: 964709
Ion Ratio Lower Upper
240 100
120 9.0 4.1 6.1#
236 24.1 21.1 31.7



#77
Pyrene
Concen: Below Cal
RT: 20.15 min Scan# 2947
Delta R.T. 0.19 min
Lab File: BG023433.D
Acq: 3 Aug 2016 20:03

Tgt Ion:202 Resp: 13313
Ion Ratio Lower Upper
202 100
200 60.2 21.2 31.8#
203 18.6 16.8 25.2





#78

Terphenyl-d14

Concen: 93.78 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023433.D

Acq: 3 Aug 2016 20:03

Instrument :

BNA_G

ClientSampleId :

SB-63-14.0-15.0

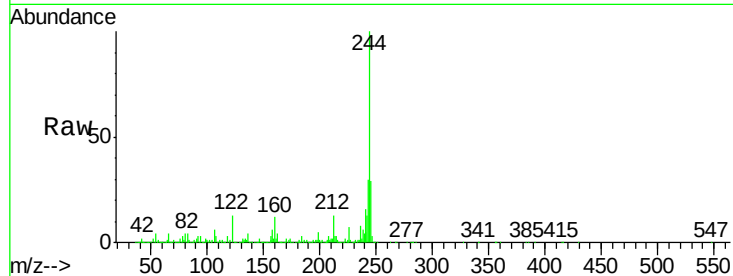
Tgt Ion:244 Resp: 2829905

Ion Ratio Lower Upper

244 100

212 12.7 10.8 16.2

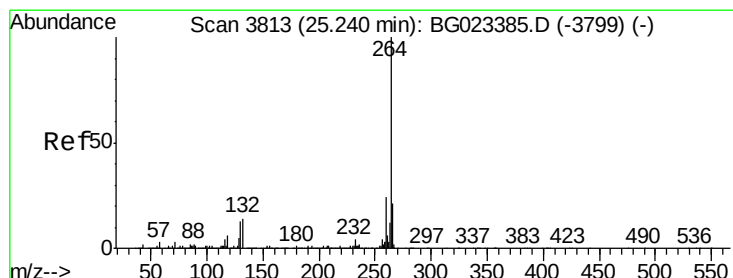
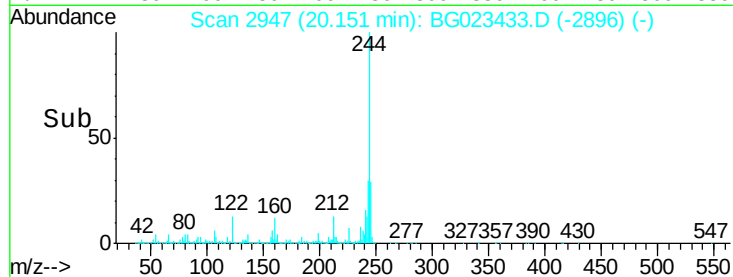
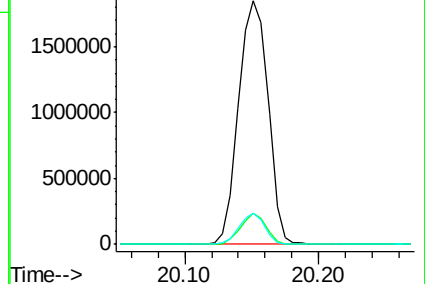
122 13.0 8.0 12.0#



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: BG023433.D

Acq: 3 Aug 2016 20:03

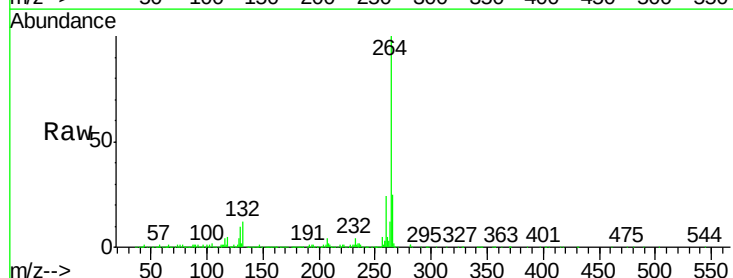
Tgt Ion:264 Resp: 916039

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 24.9 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

