

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023913.D
 Acq On : 26 Aug 2016 5:06
 Operator : UM/SJ
 Sample : H4588-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-02

Quant Time: Aug 26 06:50:59 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

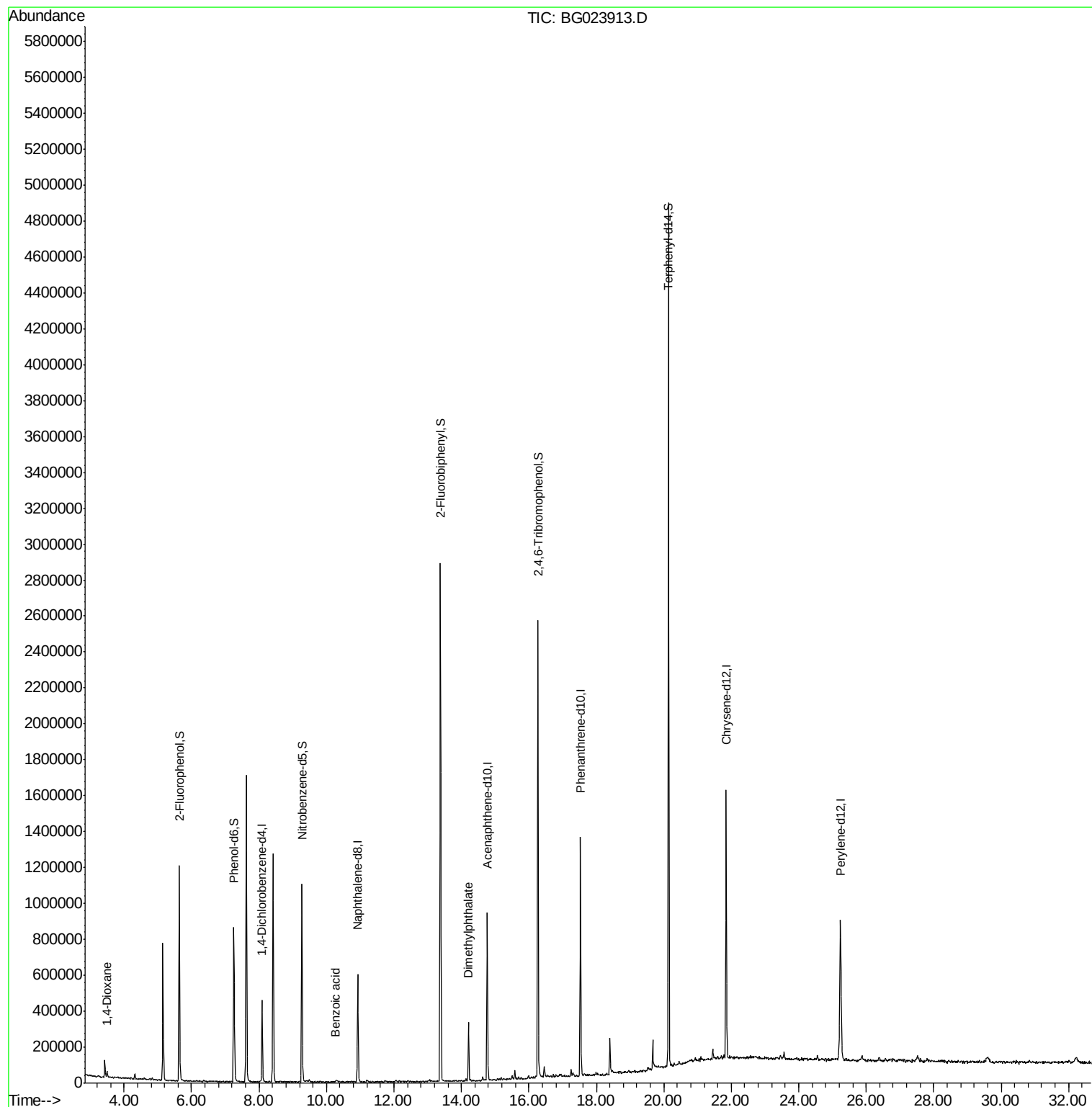
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	115022	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	497623	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	327004	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	791592	20.00	ng	0.00
75) Chrysene-d12	21.85	240	877298	20.00	ng	0.00
86) Perylene-d12	25.23	264	867645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	510798	74.75	ng	0.00
7) Phenol-d6	7.26	99	516710	48.55	ng	0.00
23) Nitrobenzene-d5	9.27	82	709296	70.86	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	451975	94.50	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1425965	73.55	ng	0.00
78) Terphenyl-d14	20.14	244	1912980	63.37	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.49	88	18899	6.49	ng	# 79
9) Benzaldehyde	7.21	77	264	Below Cal	#	41
32) Benzoic acid	10.26	122	55	6.45	ng	# 1
49) Dimethylphthalate	14.21	163	207374	8.27	ng	100
73) Di-n-butylphthalate	18.48	149	4358	Below Cal	#	71
74) Fluoranthene	19.58	202	1033	Below Cal	#	60
77) Pyrene	19.95	202	1024	Below Cal	#	39

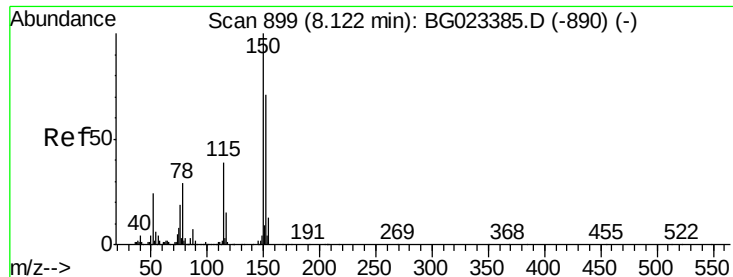
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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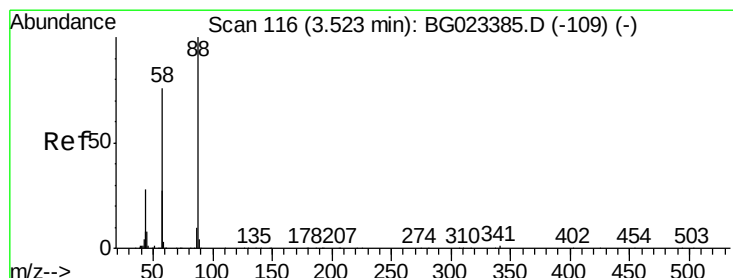
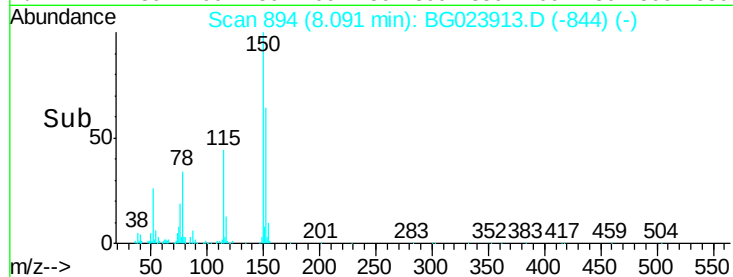
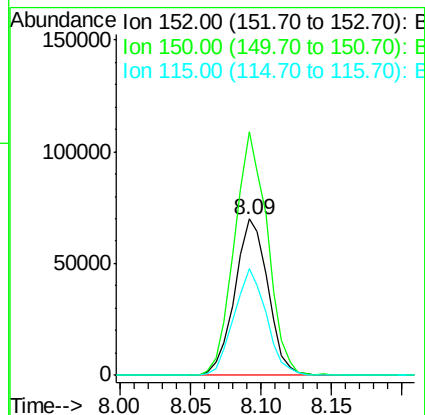
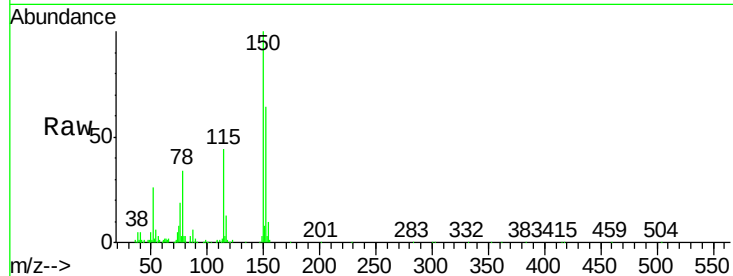


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.00 min
Lab File: BG023913.D
Acq: 26 Aug 2016 5:06

Instrument :
BNA_G
ClientSampleId :
MW-02

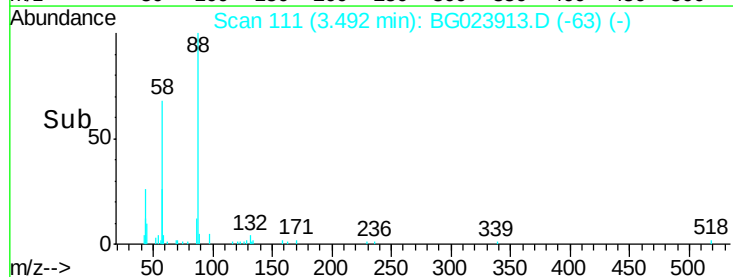
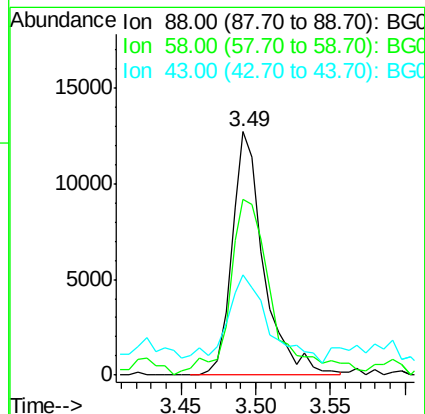
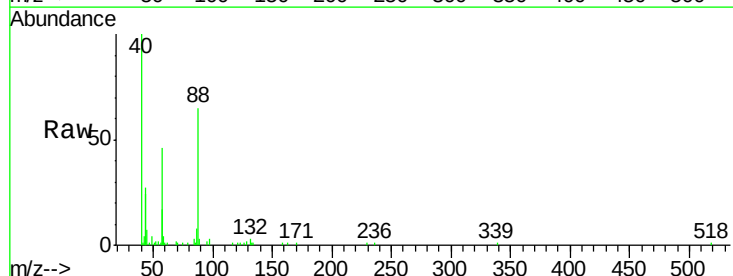
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.8	144.7	217.1
115	68.5	64.0	96.0

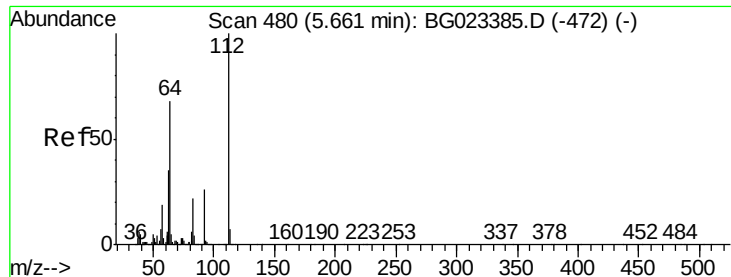


#2

1,4-Dioxane
Concen: 6.49 ng
RT: 3.49 min Scan# 111
Delta R.T. -0.02 min
Lab File: BG023913.D
Acq: 26 Aug 2016 5:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.7	60.4	90.6
43	46.6	31.1	46.7





#5

2-Fluorophenol

Concen: 74.75 ng

RT: 5.64 min Scan# 477

Delta R.T. 0.00 min

Lab File: BG023913.D

Acq: 26 Aug 2016 5:06

Instrument :

BNA_G

ClientSampleId :

MW-02

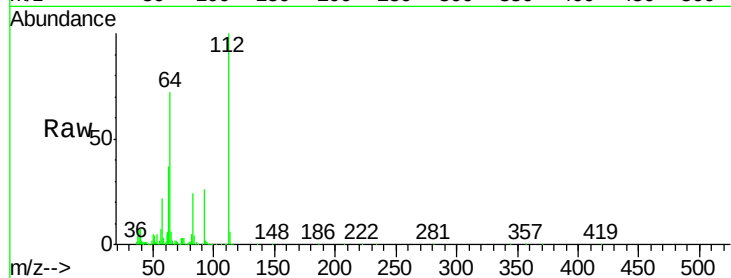
Tgt Ion: 112 Resp: 510798

Ion Ratio Lower Upper

112 100

64 71.7 59.0 88.4

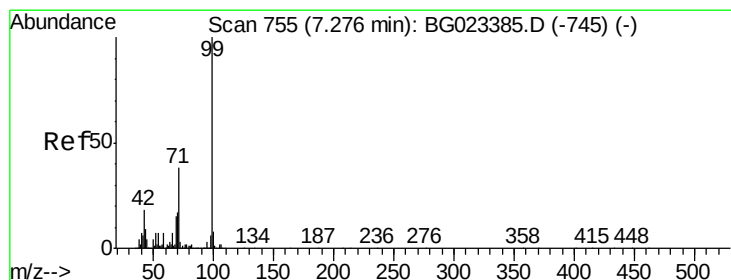
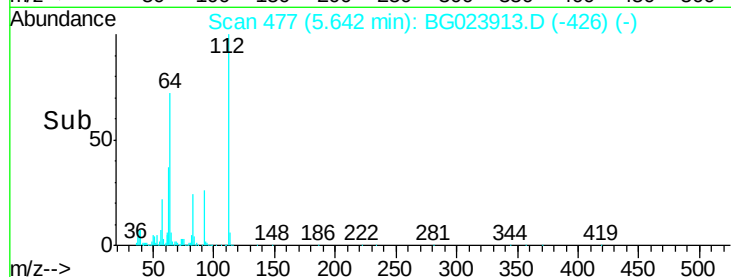
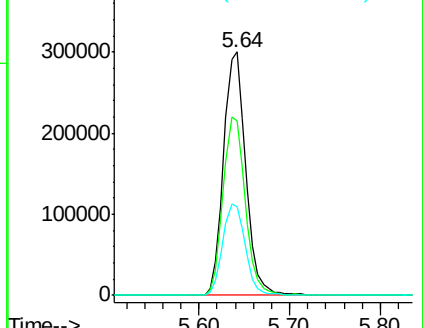
63 36.6 37.8 56.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 48.55 ng

RT: 7.26 min Scan# 752

Delta R.T. 0.00 min

Lab File: BG023913.D

Acq: 26 Aug 2016 5:06

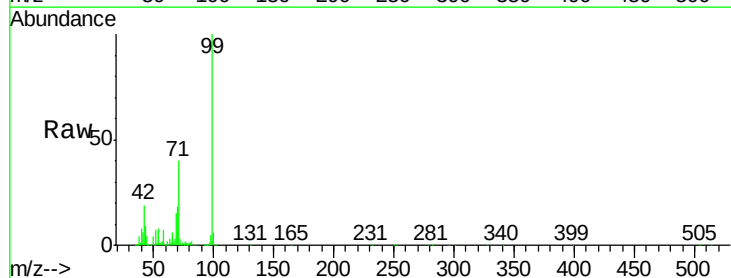
Tgt Ion: 99 Resp: 516710

Ion Ratio Lower Upper

99 100

42 19.3 17.8 26.6

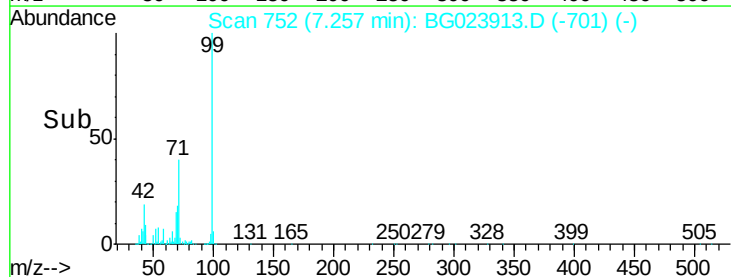
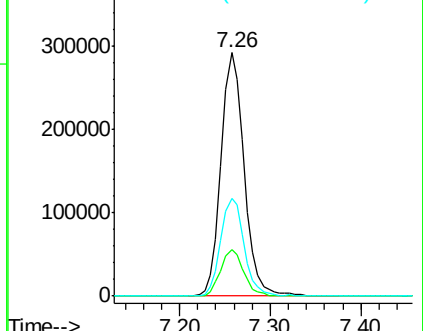
71 39.9 41.5 62.3#

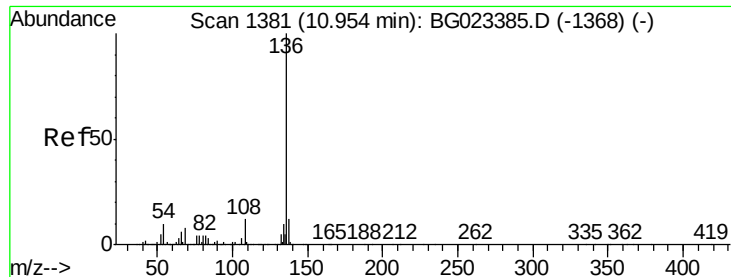


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

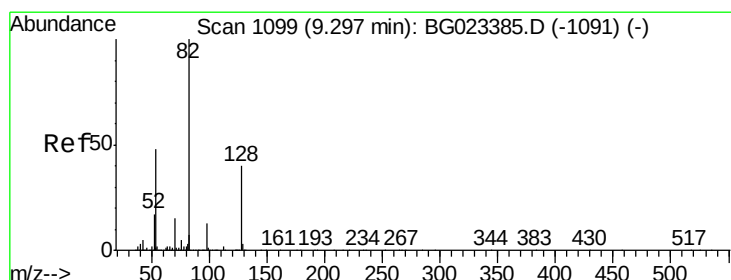
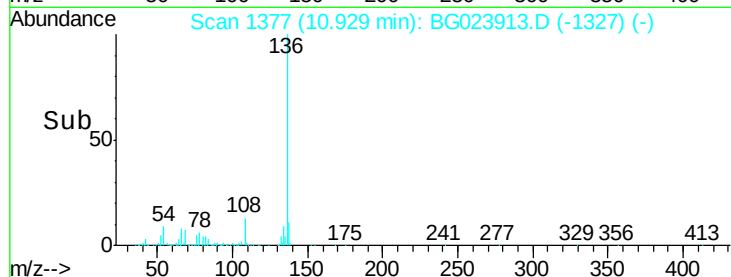
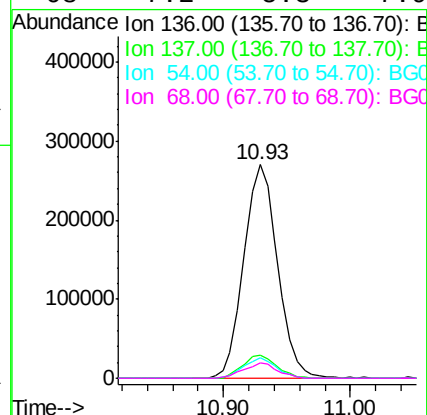
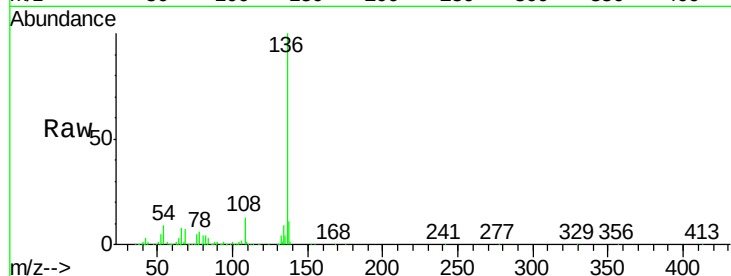




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG023913.D
Acq: 26 Aug 2016 5:06

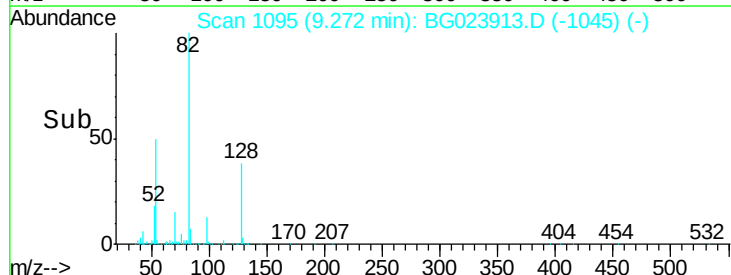
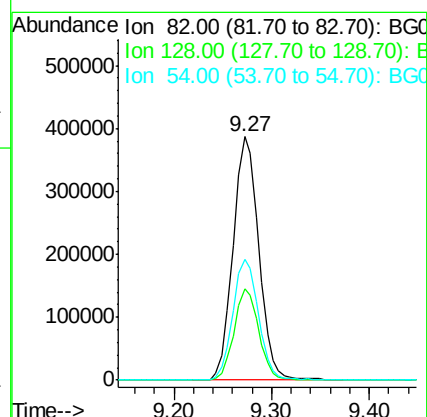
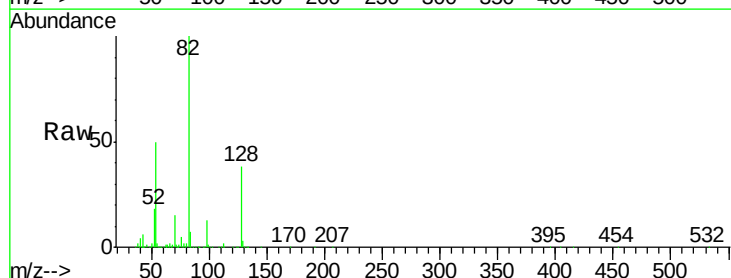
Instrument :
BNA_G
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MW-02

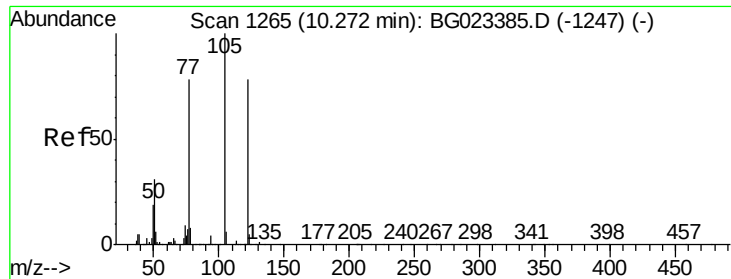
Tgt Ion:	136	Resp:	497623
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	9.5	7.3	10.9
68	7.2	5.3	7.9



#23
Nitrobenzene-d5
Concen: 70.86 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BG023913.D
Acq: 26 Aug 2016 5:06

Tgt Ion:	82	Resp:	709296
Ion	Ratio	Lower	Upper
82	100		
128	37.7	24.4	36.6#
54	49.6	41.4	62.0

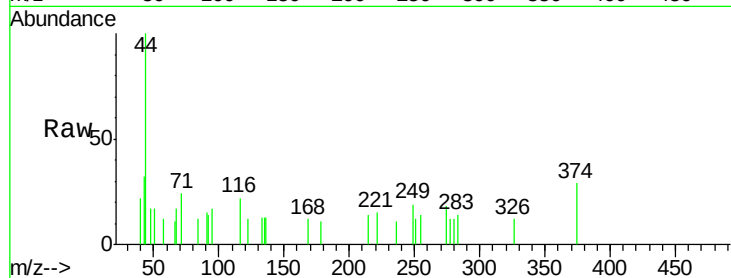




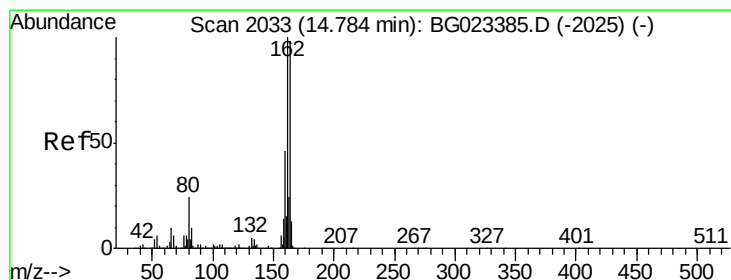
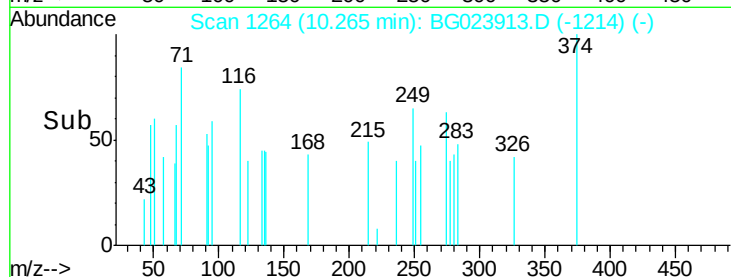
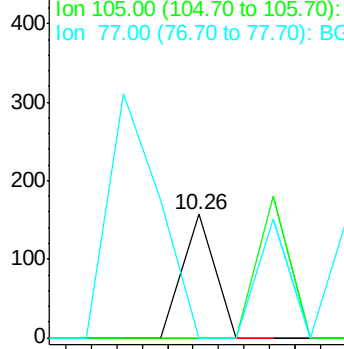
#32
Benzoic acid
Concen: 6.45 ng
RT: 10.26 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BG023913.D
Acq: 26 Aug 2016 5:06

Instrument :
BNA_G
ClientSampleId :
MW-02

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

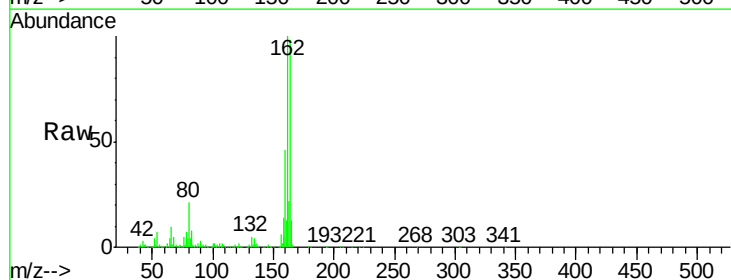


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

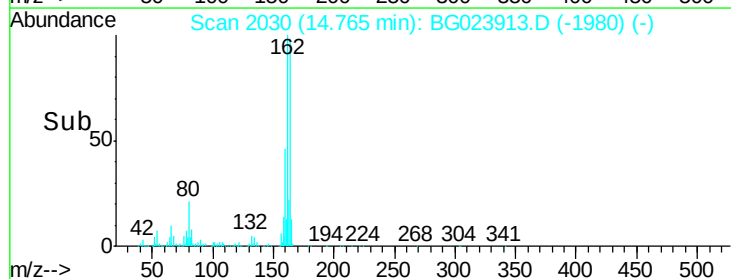
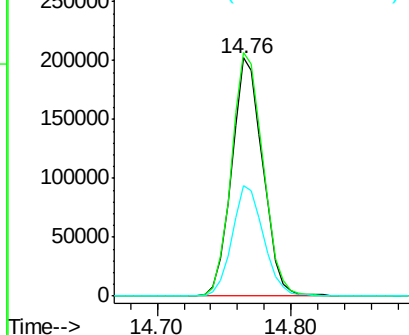


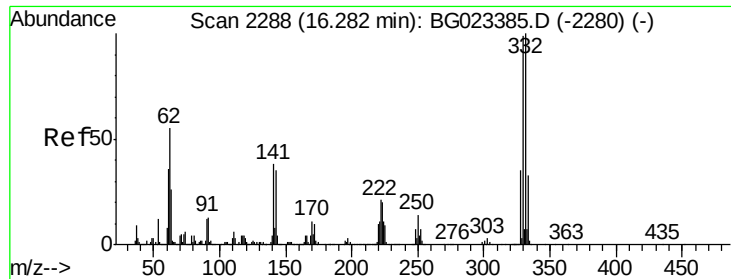
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG023913.D
Acq: 26 Aug 2016 5:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	87.7	131.5
160	46.5	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

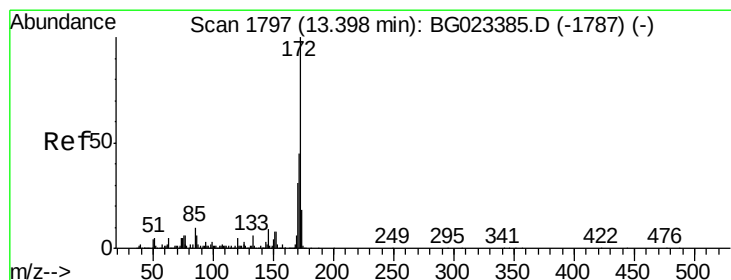
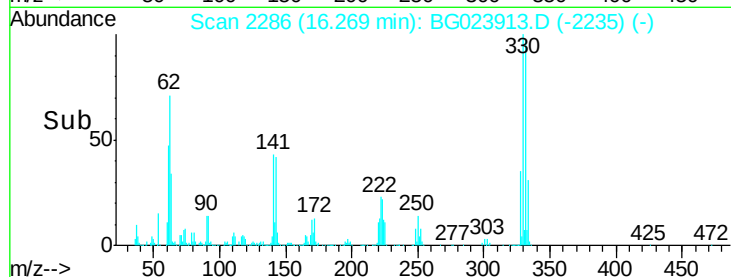
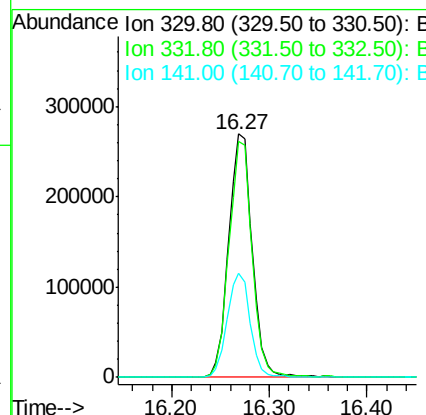
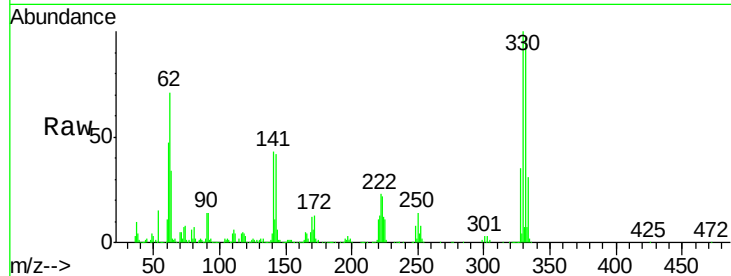




#41
 2,4,6-Tribromophenol
 Concen: 94.50 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. 0.00 min
 Lab File: BG023913.D
 Acq: 26 Aug 2016 5:06

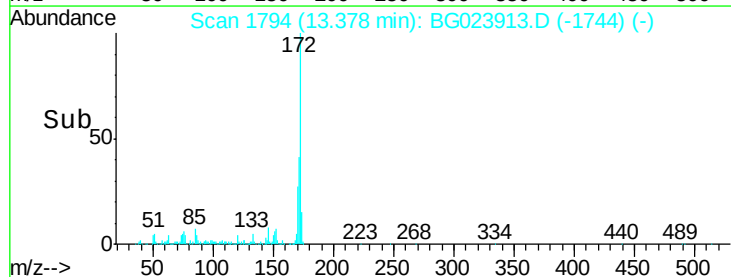
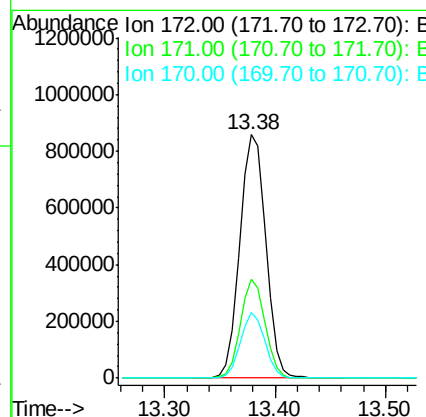
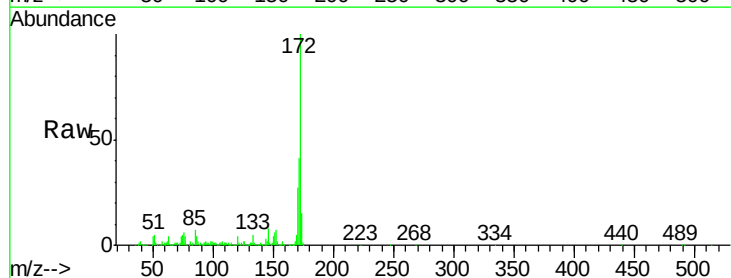
Instrument :
 BNA_G
 ClientSampleId :
 MW-02

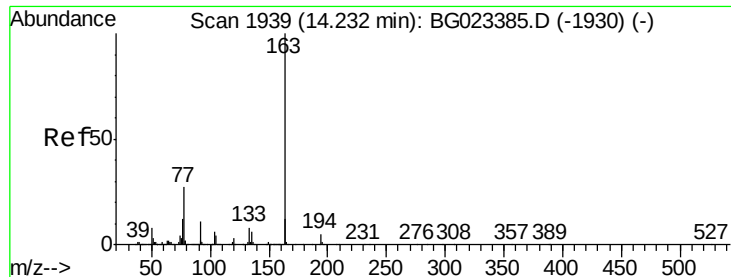
Tgt Ion:330 Resp: 451975
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.2
 141 41.9 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 73.55 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG023913.D
 Acq: 26 Aug 2016 5:06

Tgt Ion:172 Resp: 1425965
 Ion Ratio Lower Upper
 172 100
 171 40.7 31.6 47.4
 170 27.2 21.3 31.9





#49

Dimethylphthalate

Concen: 8.27 ng

RT: 14.21 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG023913.D

Acq: 26 Aug 2016 5:06

Instrument :

BNA_G

ClientSampleId :

MW-02

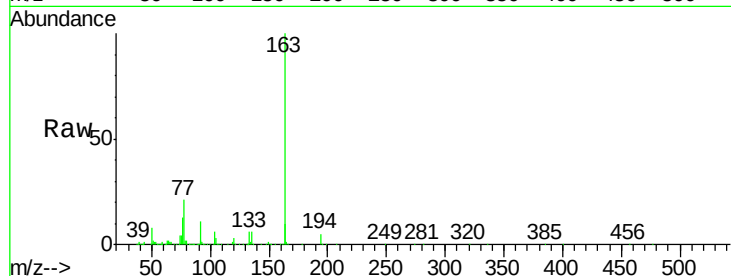
Tgt Ion:163 Resp: 207374

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

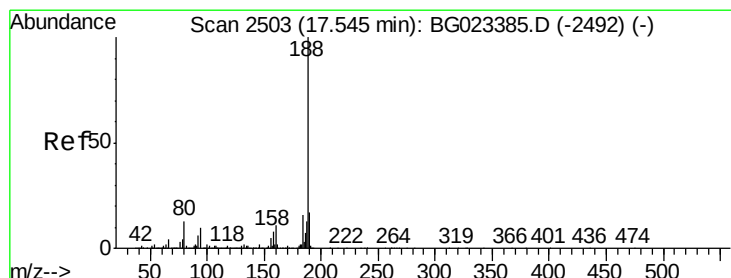
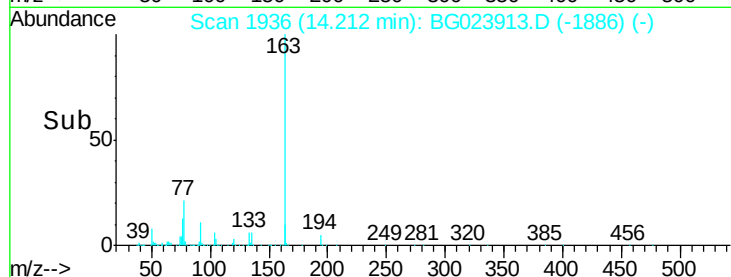
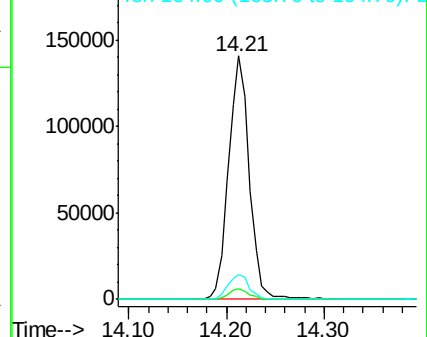
164 10.2 8.1 12.1



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: 17.53 min Scan# 2501

Delta R.T. 0.00 min

Lab File: BG023913.D

Acq: 26 Aug 2016 5:06

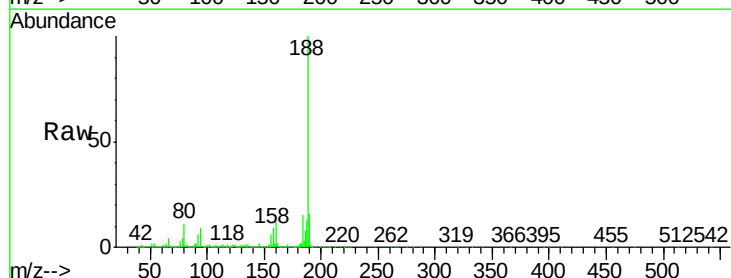
Tgt Ion:188 Resp: 791592

Ion Ratio Lower Upper

188 100

94 8.9 5.2 7.8#

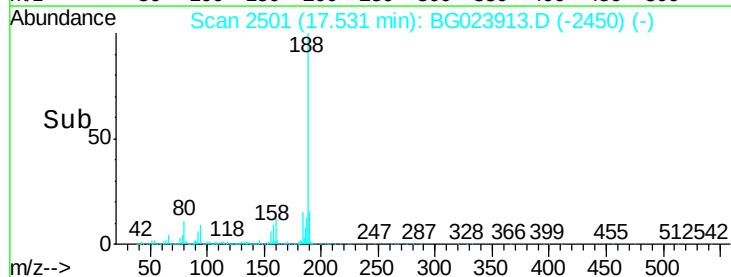
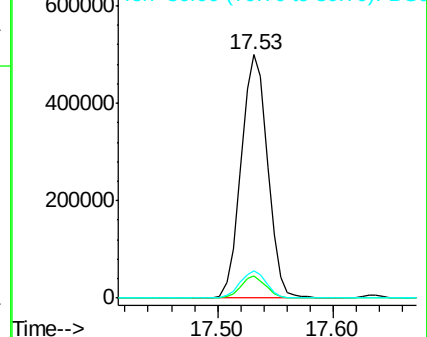
80 11.4 7.2 10.8#

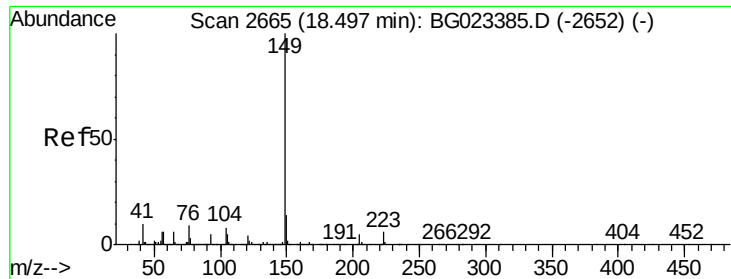


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

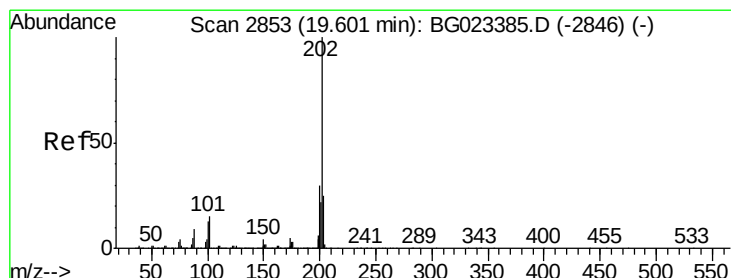
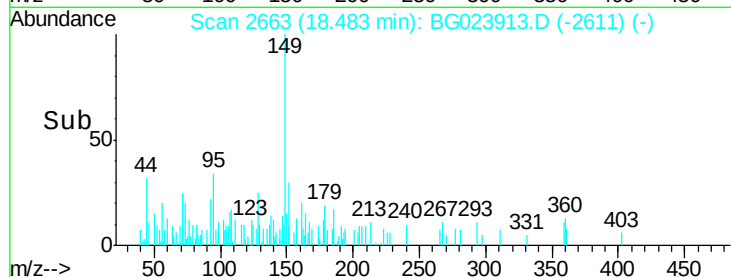
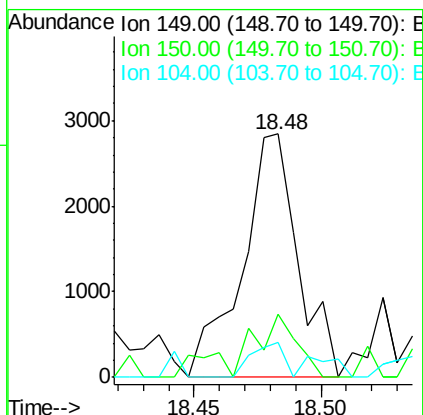
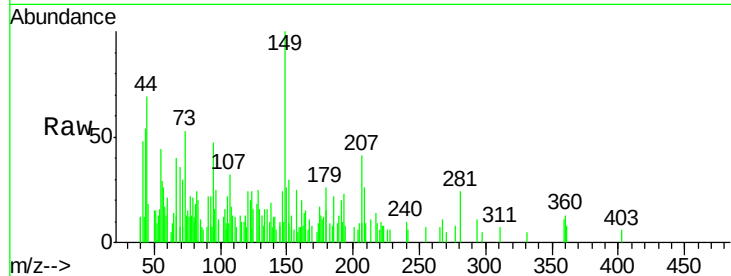




#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.48 min Scan# 2663
Delta R.T. 0.01 min
Lab File: BG023913.D
Acq: 26 Aug 2016 5:06

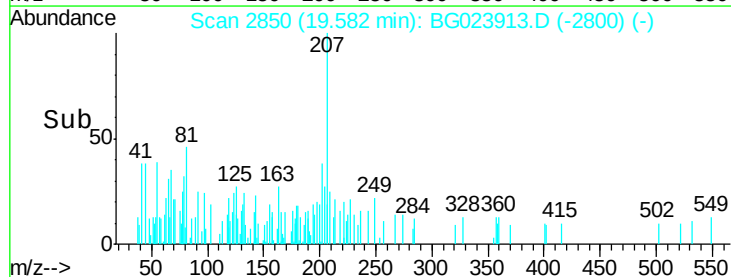
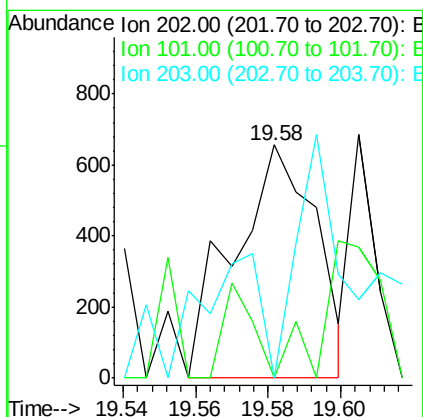
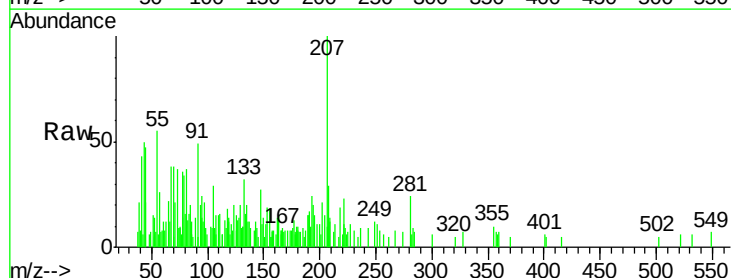
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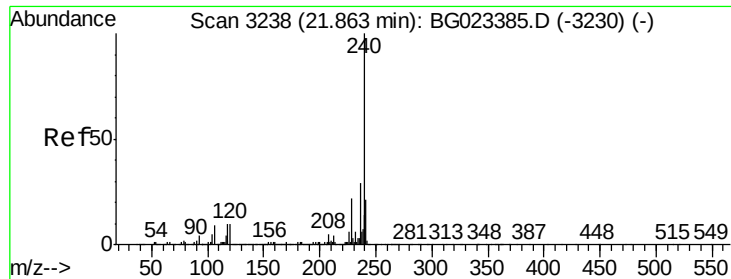
Tgt Ion:149 Resp: 4358
Ion Ratio Lower Upper
149 100
150 26.0 9.1 13.7#
104 14.6 6.9 10.3#



#74
Fluoranthene
Concen: Below Cal
RT: 19.58 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BG023913.D
Acq: 26 Aug 2016 5:06

Tgt Ion:202 Resp: 1033
Ion Ratio Lower Upper
202 100
101 0.0 0.0 27.4
203 0.0 1.7 41.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG023913.D

Acq: 26 Aug 2016 5:06

Instrument :

BNA_G

ClientSampleId :

MW-02

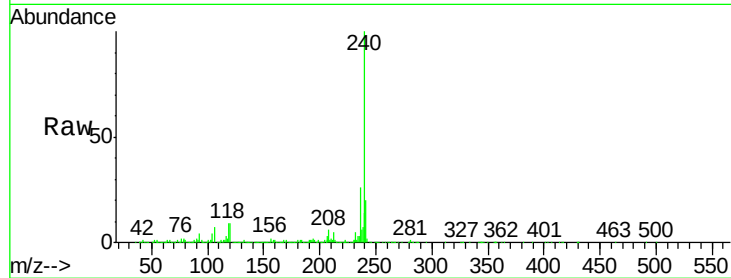
Tgt Ion:240 Resp: 877298

Ion Ratio Lower Upper

240 100

120 8.7 4.1 6.1#

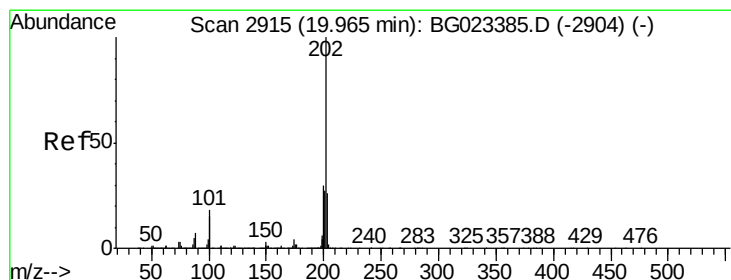
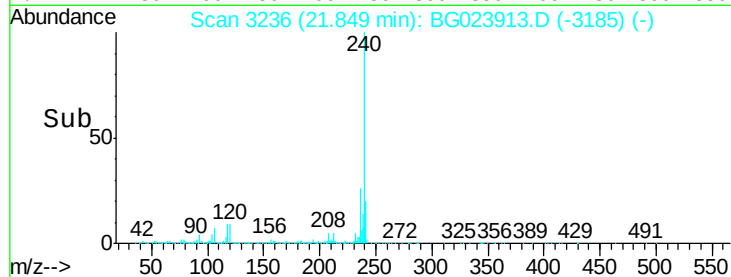
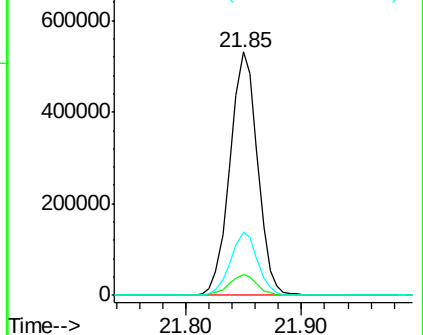
236 26.1 21.1 31.7



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: 19.95 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG023913.D

Acq: 26 Aug 2016 5:06

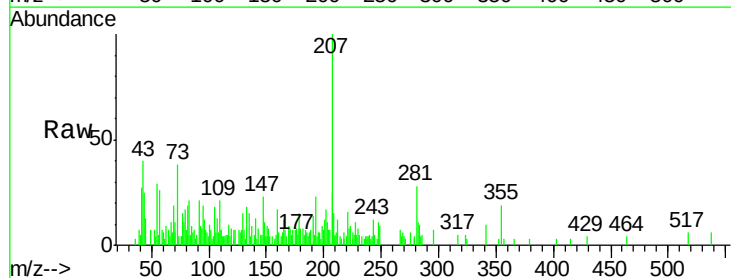
Tgt Ion:202 Resp: 1024

Ion Ratio Lower Upper

202 100

200 43.2 21.2 31.8#

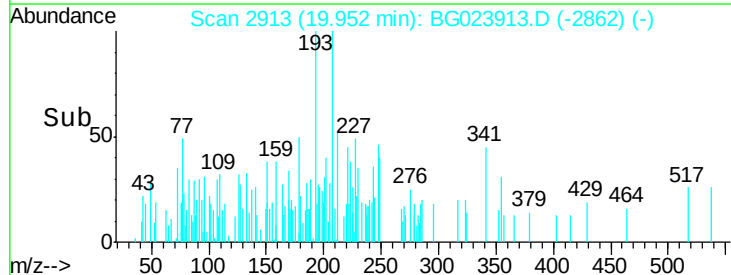
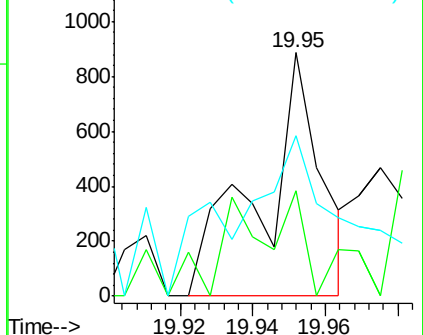
203 66.0 16.8 25.2#

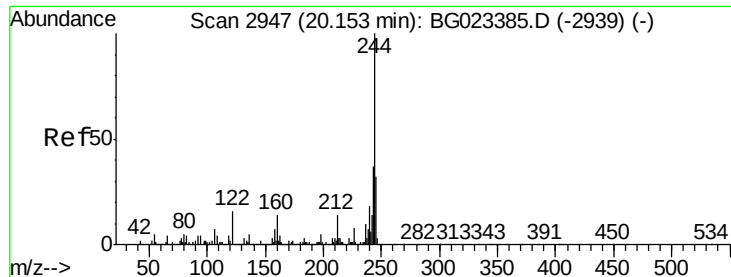


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 63.37 ng

RT: 20.14 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BG023913.D

Acq: 26 Aug 2016 5:06

Instrument :

BNA_G

ClientSampleId :

MW-02

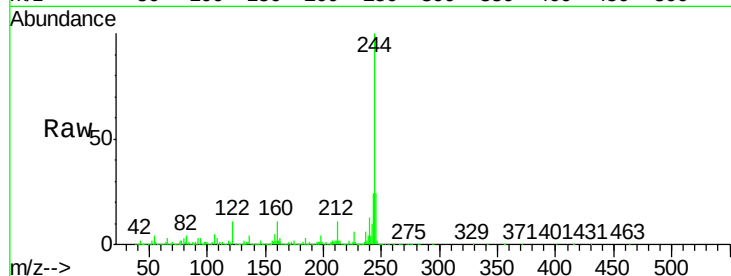
Tgt Ion:244 Resp: 1912980

Ion	Ratio	Lower	Upper
244	100		
212	10.9	10.8	16.2
122	10.7	8.0	12.0

244 100

212 10.9 10.8 16.2

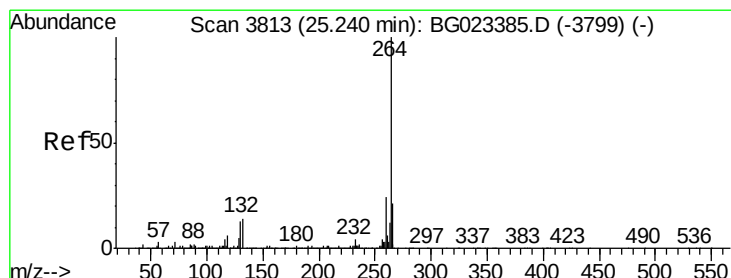
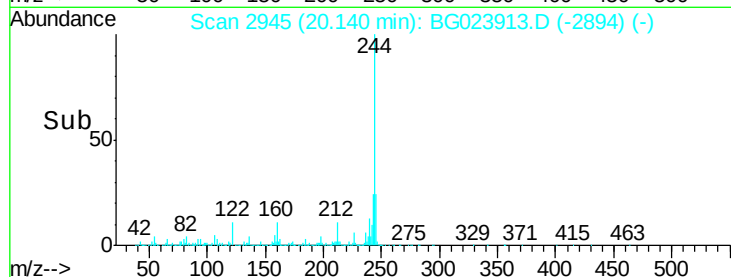
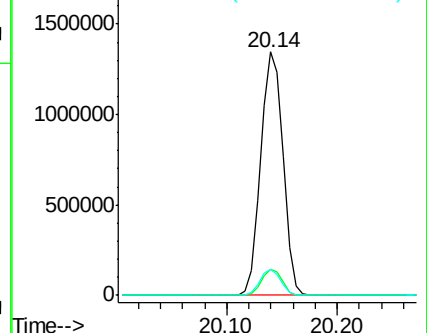
122 10.7 8.0 12.0



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: 25.23 min Scan# 3812

Delta R.T. 0.01 min

Lab File: BG023913.D

Acq: 26 Aug 2016 5:06

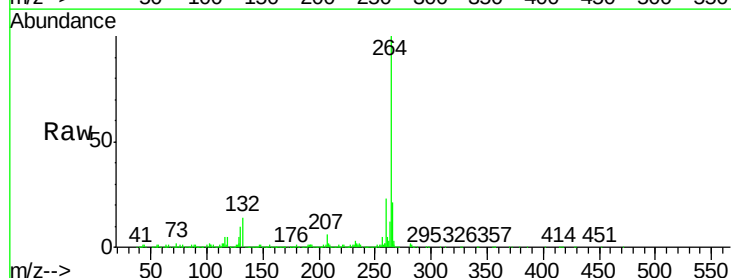
Tgt Ion:264 Resp: 867645

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.4	27.6
265	20.9	18.9	28.3

264 100

260 22.8 18.4 27.6

265 20.9 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

