

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
 Data File : BG023726.D
 Acq On : 15 Aug 2016 18:28
 Operator : UM/SJ
 Sample : H4422-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Aug 16 01:07:37 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

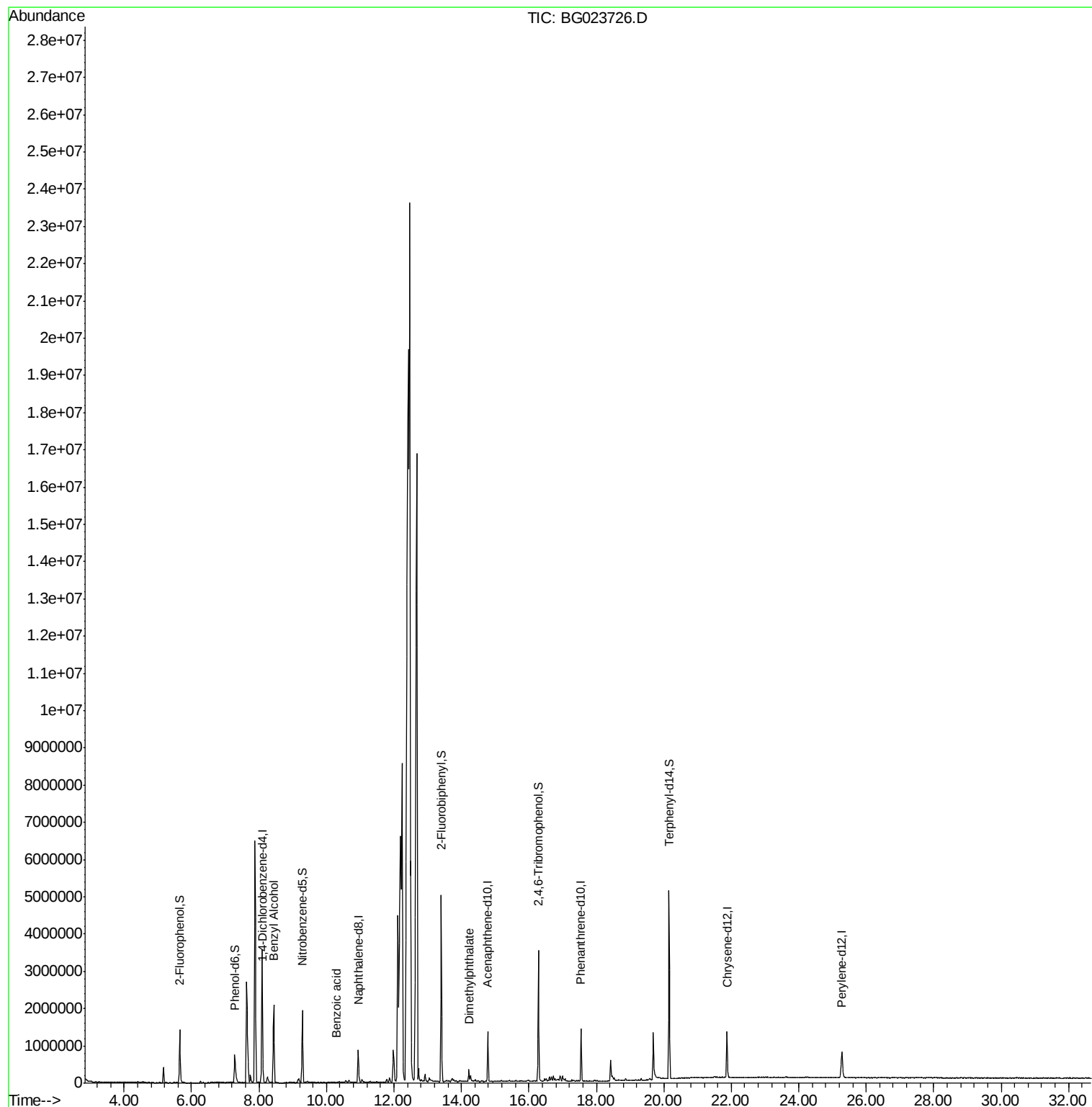
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	144650	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	704302	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	450110	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	817363	20.00	ng	0.00
75) Chrysene-d12	21.87	240	779879	20.00	ng	0.01
86) Perylene-d12	25.28	264	785423	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	701605	81.65	ng	0.00
7) Phenol-d6	7.29	99	700497	52.34	ng	0.01
23) Nitrobenzene-d5	9.29	82	1282571	90.53	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	663593	100.79	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	2425288	90.88	ng	0.00
78) Terphenyl-d14	20.16	244	2077659	82.90	ng	0.00
Target Compounds						
9) Benzaldehyde	7.25	77	257	Below Cal	#	8
15) Benzyl Alcohol	8.44	79	21968	2.17 ng	#	56
32) Benzoic acid	10.28	122	201	6.46 ng	#	7
49) Dimethylphthalate	14.22	163	215567	6.24 ng		99
73) Di-n-butylphthalate	18.50	149	12115	Below Cal	#	95
74) Fluoranthene	19.61	202	515	Below Cal	#	73
77) Pyrene	19.98	202	2130	Below Cal	#	77

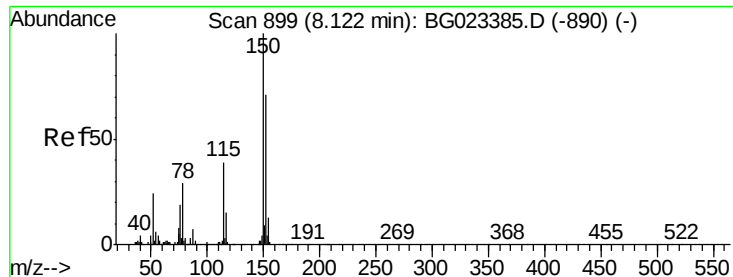
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG023726.D

Acq: 15 Aug 2016 18:28

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BNA_G

ClientSampleId :

MW-1

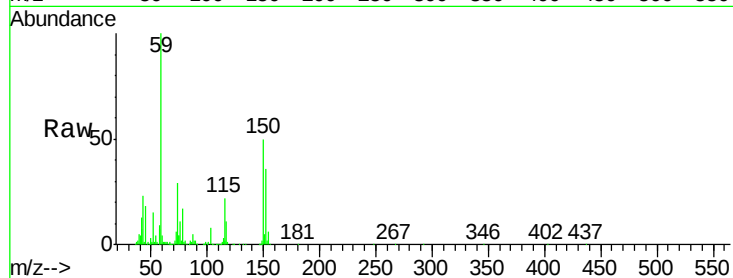
Tgt Ion:152 Resp: 144650

Ion Ratio Lower Upper

152 100

150 140.1 144.7 217.1#

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

150000

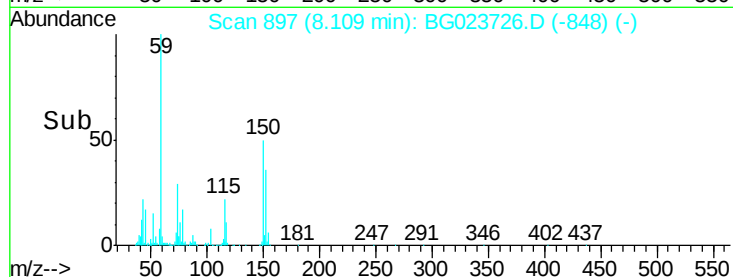
100000

50000

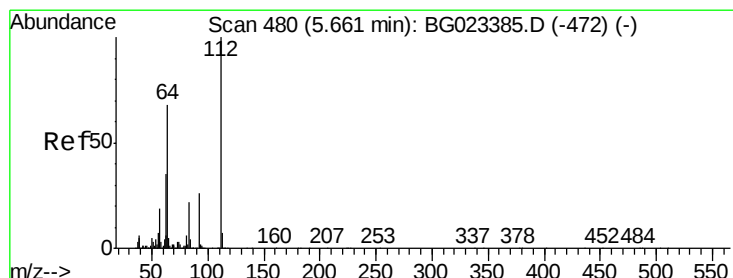
0

8.11

8.00 8.05 8.10 8.15



Time-->



#5

2-Fluorophenol

Concen: 81.65 ng

RT: 5.65 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG023726.D

Acq: 15 Aug 2016 18:28

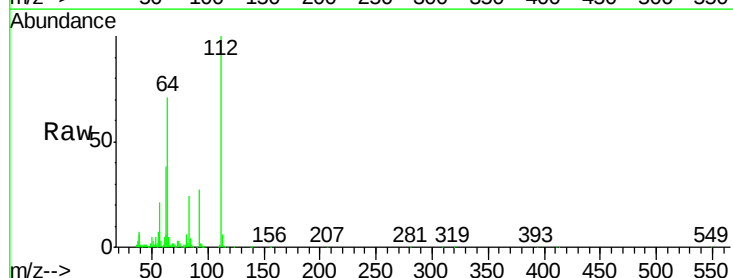
Tgt Ion:112 Resp: 701605

Ion Ratio Lower Upper

112 100

64 71.3 59.0 88.4

63 38.1 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

500000

400000

300000

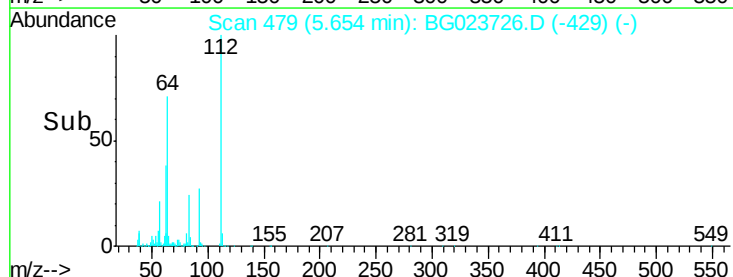
200000

100000

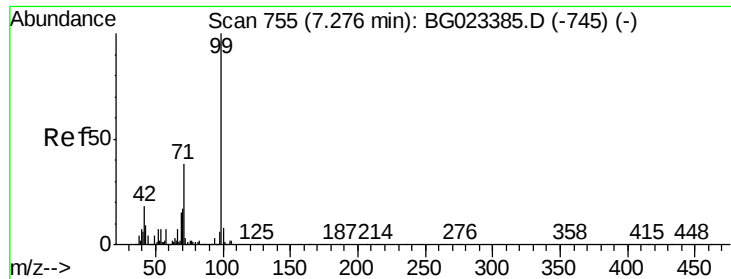
0

5.65

5.60 5.70



Time-->



#7

Phenol-d6

Concen: 52.34 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.01 min

Lab File: BG023726.D

Acq: 15 Aug 2016 18:28

Instrument :

BNA_G

ClientSampleId :

MW-1

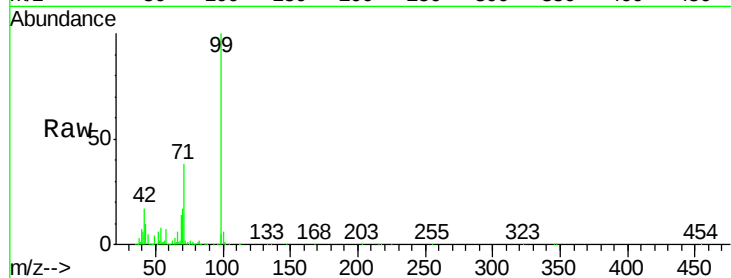
Tgt Ion: 99 Resp: 700497

Ion Ratio Lower Upper

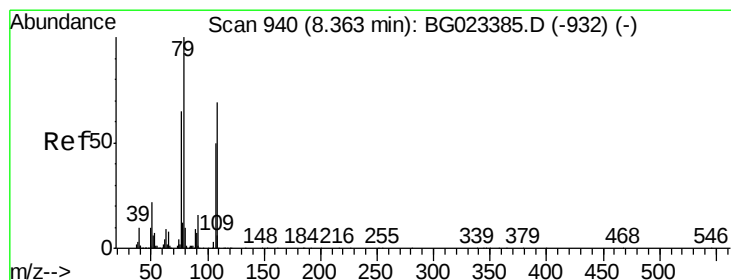
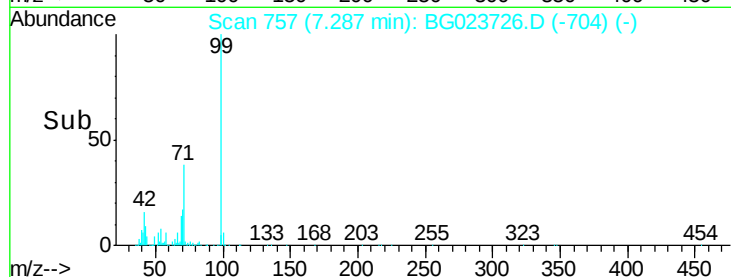
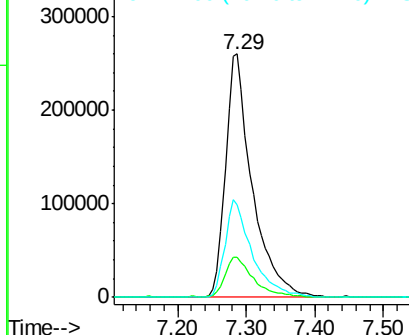
99 100

42 16.6 17.8 26.6#

71 38.1 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: 2.17 ng

RT: 8.44 min Scan# 953

Delta R.T. 0.08 min

Lab File: BG023726.D

Acq: 15 Aug 2016 18:28

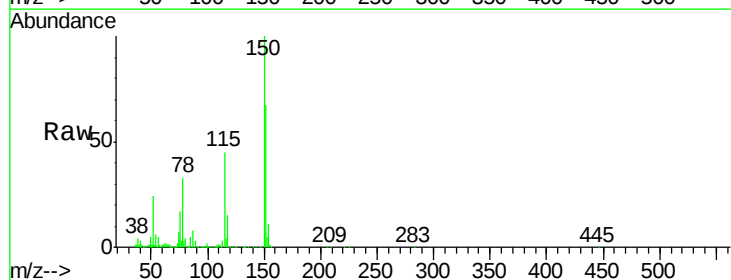
Tgt Ion: 79 Resp: 21968

Ion Ratio Lower Upper

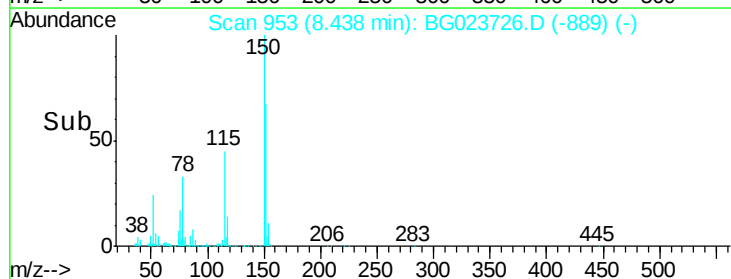
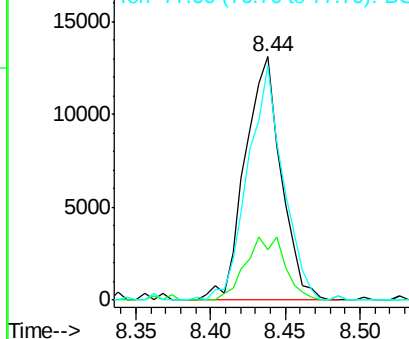
79 100

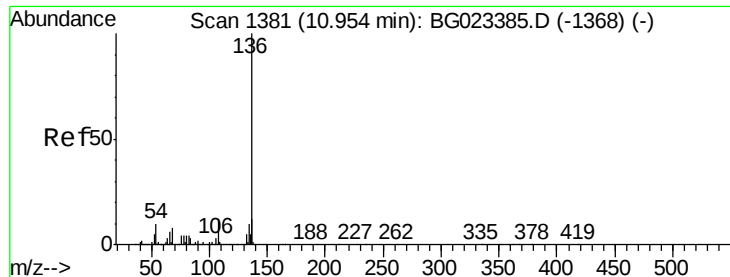
108 20.8 46.5 69.7#

77 96.2 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

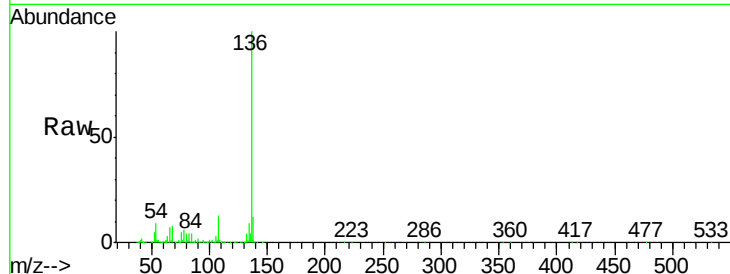




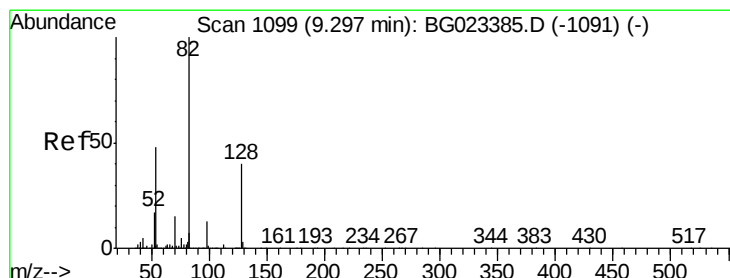
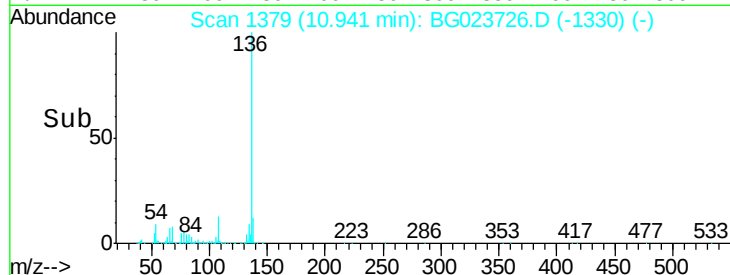
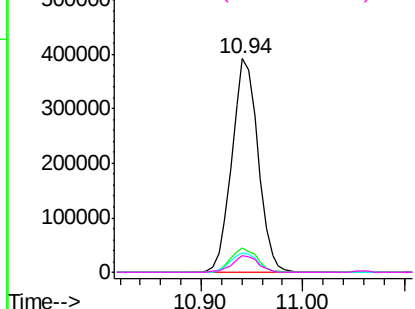
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG023726.D
Acq: 15 Aug 2016 18:28

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:	136	Resp:	704302
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	8.7	7.3	10.9
68	7.5	5.3	7.9

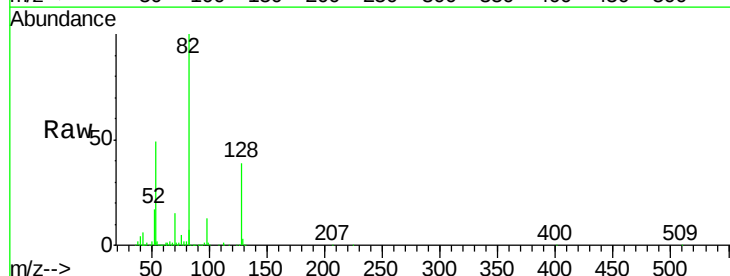


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

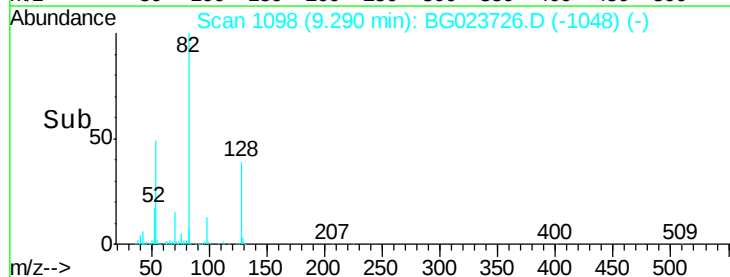
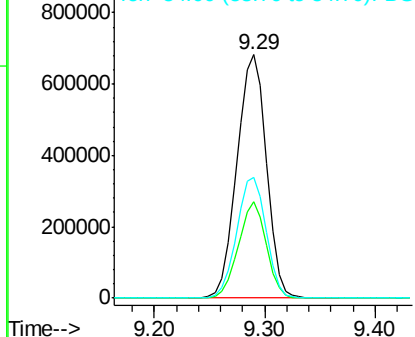


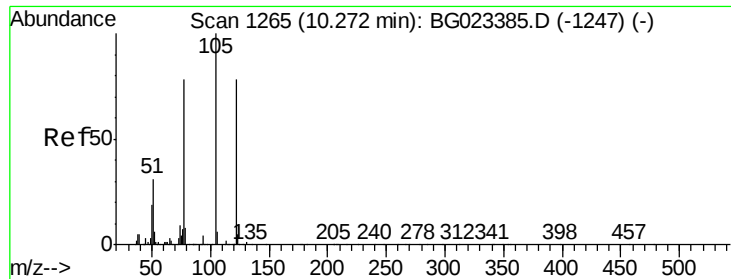
#23
Nitrobenzene-d5
Concen: 90.53 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG023726.D
Acq: 15 Aug 2016 18:28

Tgt Ion:	82	Resp:	1282571
Ion	Ratio	Lower	Upper
82	100		
128	39.4	24.4	36.6#
54	49.4	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

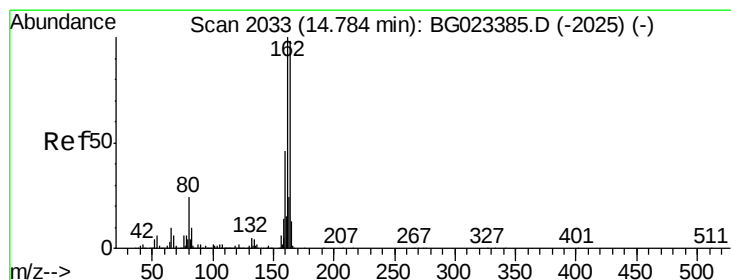
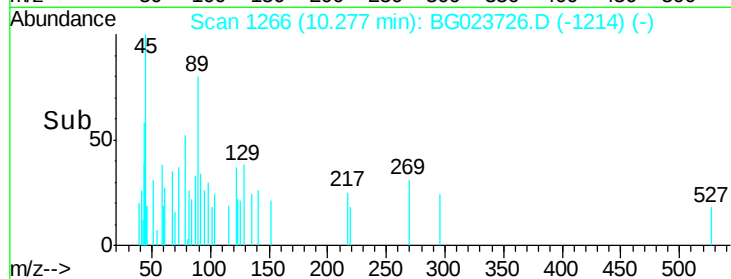
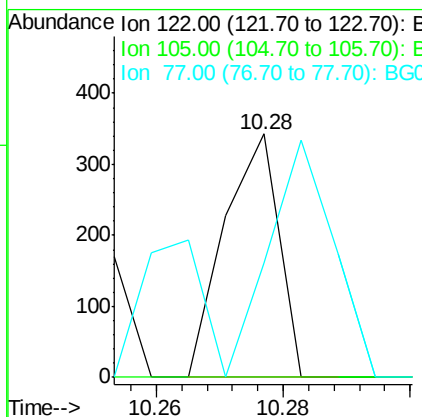
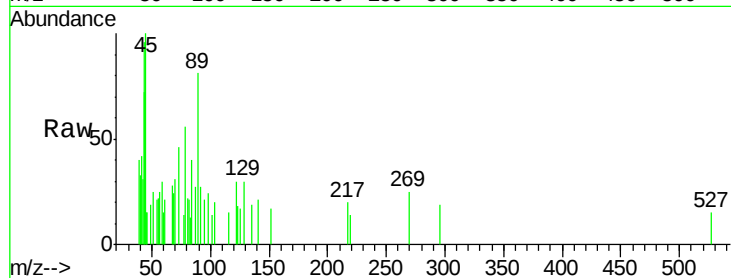




#32
Benzoic acid
Concen: 6.46 ng
RT: 10.28 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BG023726.D
Acq: 15 Aug 2016 18:28

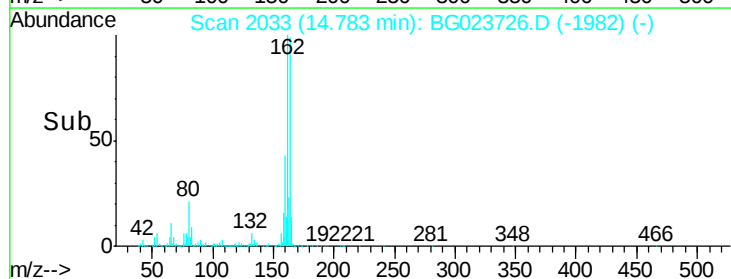
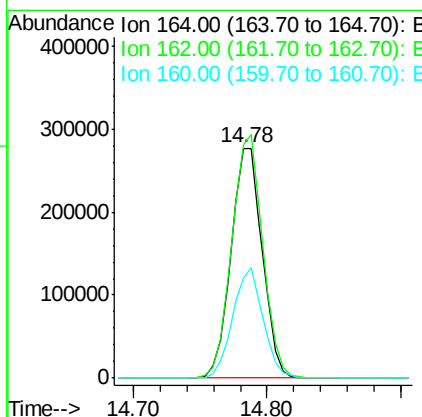
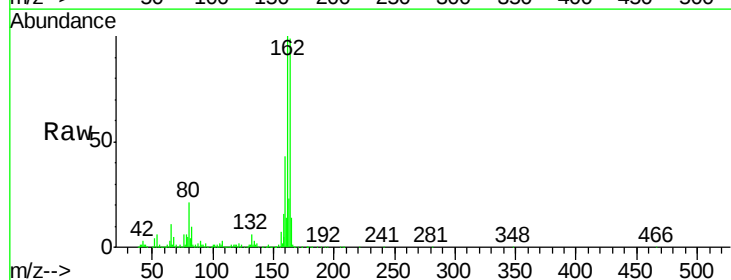
Instrument :
BNA_G
ClientSampleId :
MW-1

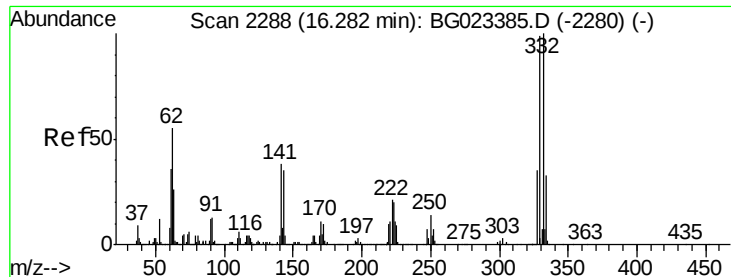
Tgt Ion:122 Resp: 201
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 47.2 109.2 149.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023726.D
Acq: 15 Aug 2016 18:28

Tgt Ion:164 Resp: 450110
Ion Ratio Lower Upper
164 100
162 101.4 87.7 131.5
160 43.8 37.2 55.8

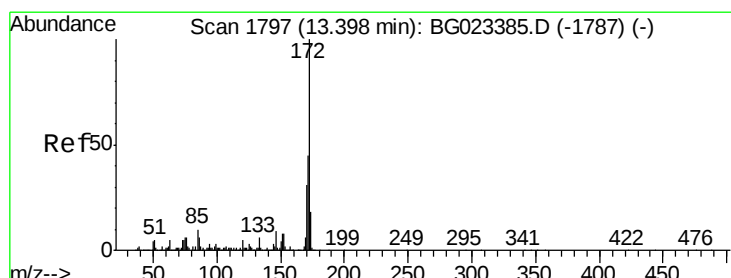
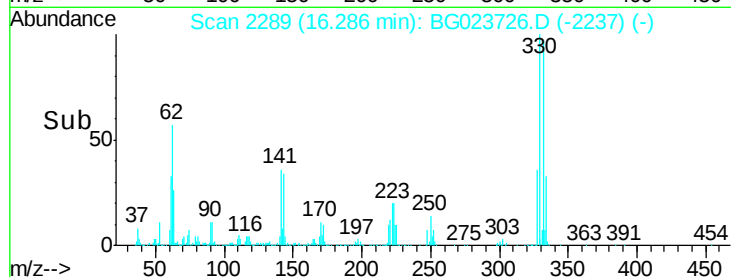
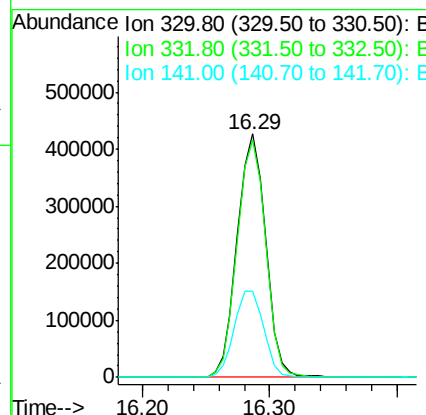
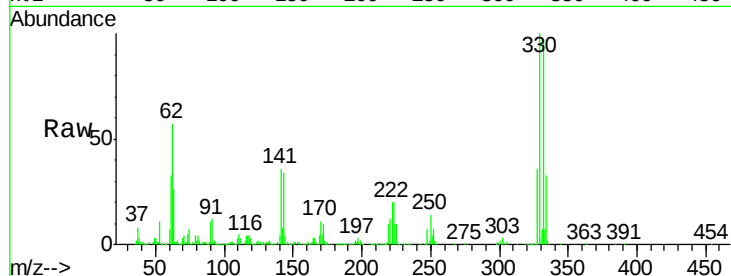




#41
 2,4,6-Tribromophenol
 Concen: 100.79 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG023726.D
 Acq: 15 Aug 2016 18:28

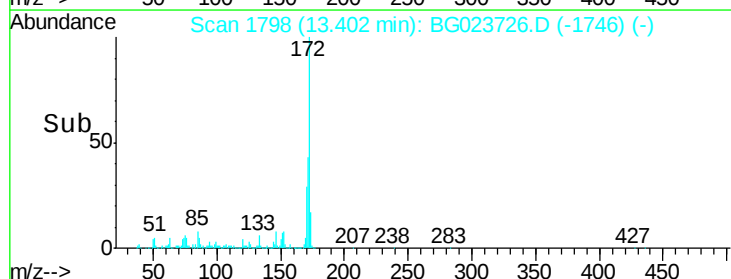
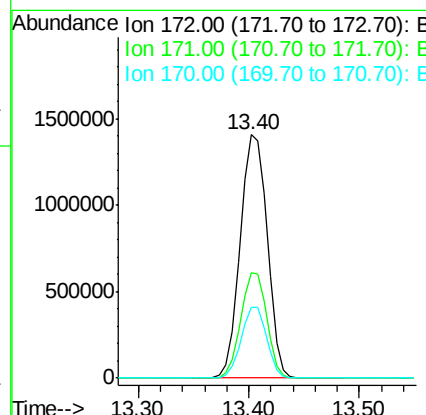
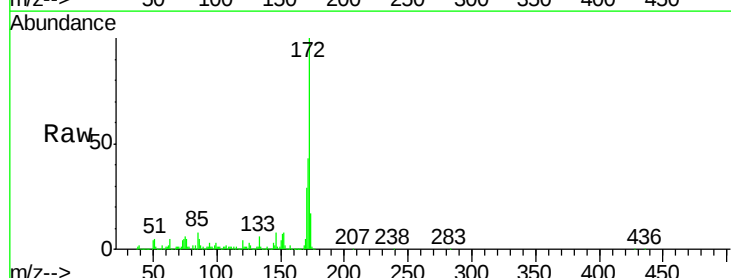
Instrument :
 BNA_G
 ClientSampled :
 MW-1

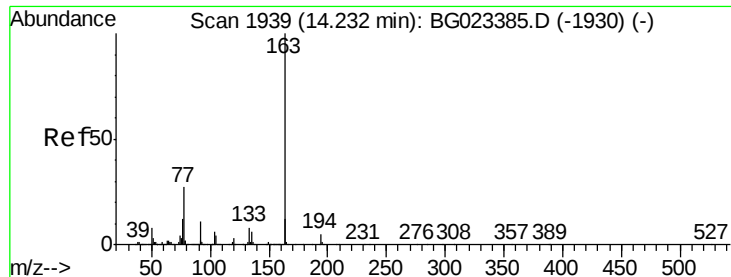
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	36.6	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 90.88 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: BG023726.D
 Acq: 15 Aug 2016 18:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	43.2	31.6	47.4
170	29.2	21.3	31.9





#49

Dimethylphthalate

Concen: 6.24 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023726.D

Acq: 15 Aug 2016 18:28

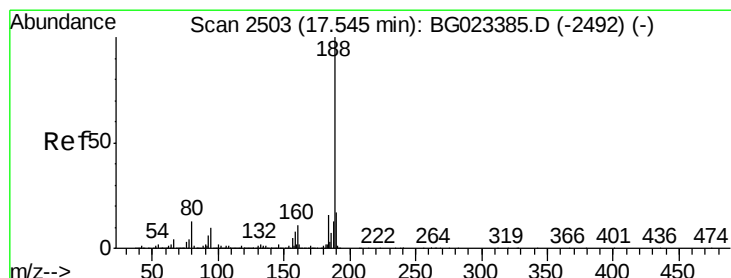
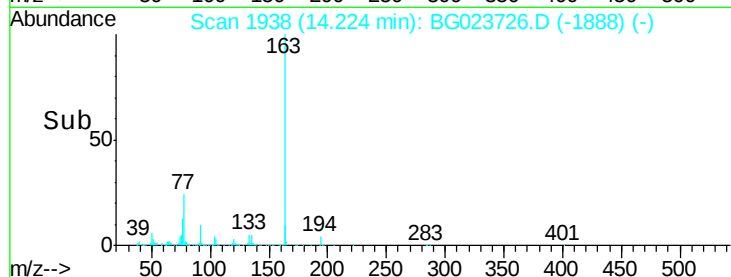
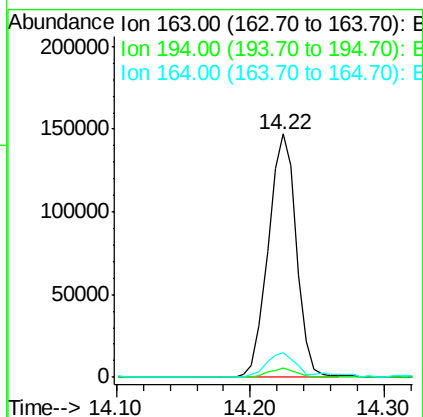
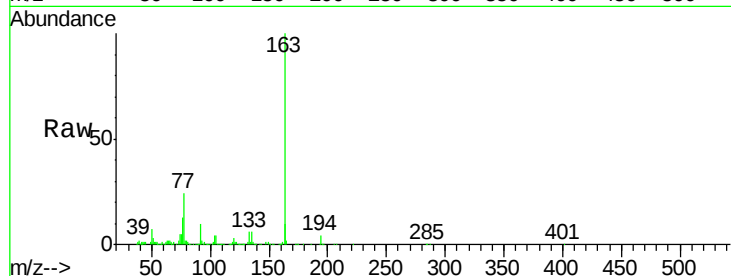
Instrument :

BNA_G

ClientSampleId :

MW-1

Tgt Ion:	163	Resp:	215567
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.6	5.4
164	10.2	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

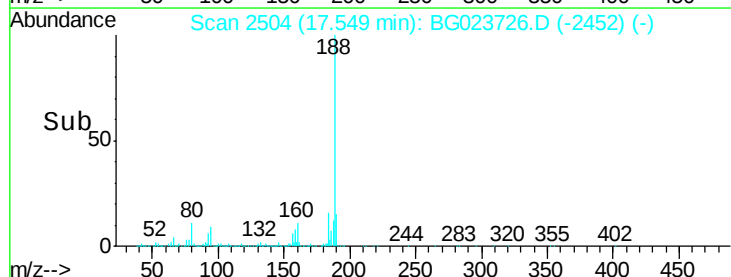
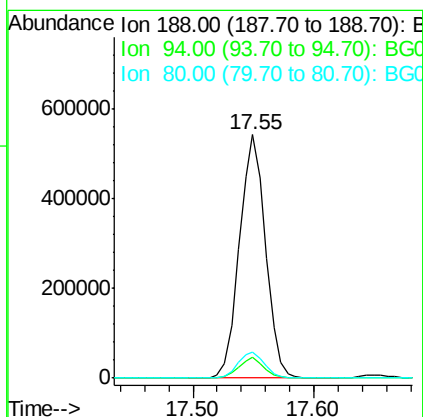
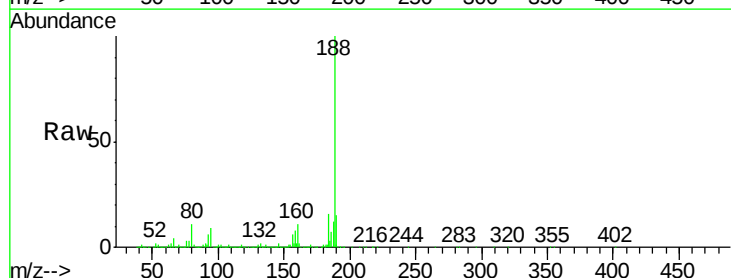
RT: 17.55 min Scan# 2504

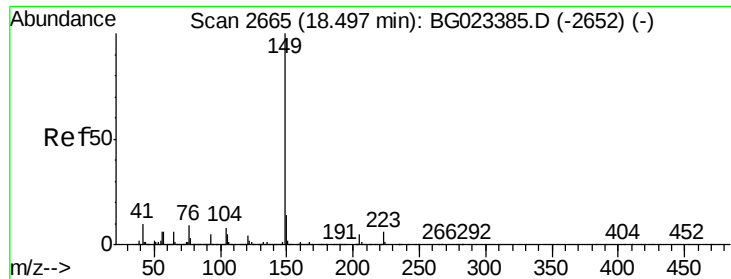
Delta R.T. 0.00 min

Lab File: BG023726.D

Acq: 15 Aug 2016 18:28

Tgt Ion:	188	Resp:	817363
Ion	Ratio	Lower	Upper
188	100		
94	8.5	5.2	7.8#
80	10.8	7.2	10.8#

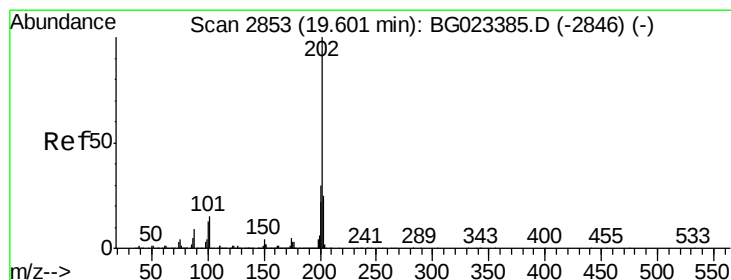
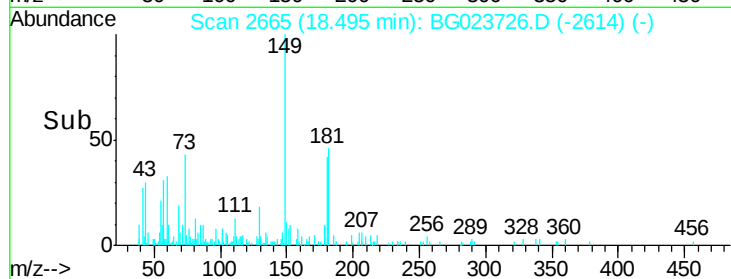
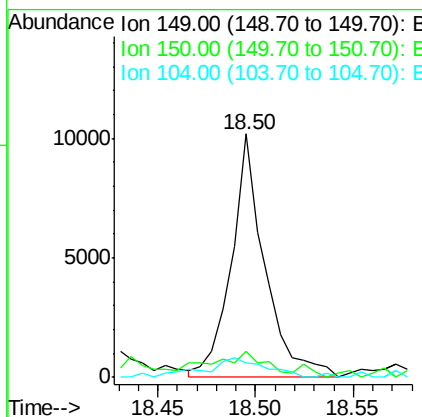
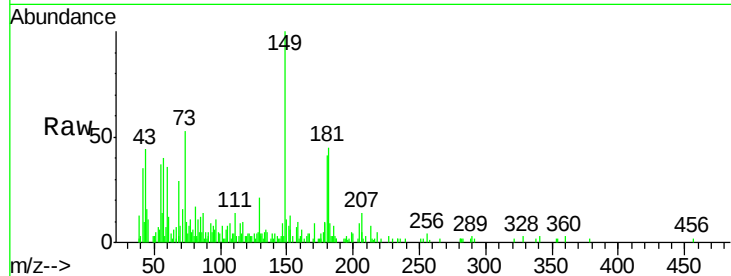




#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.50 min Scan# 2665
Delta R.T. -0.00 min
Lab File: BG023726.D
Acq: 15 Aug 2016 18:28

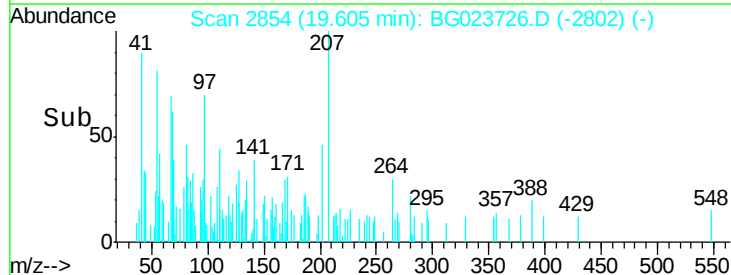
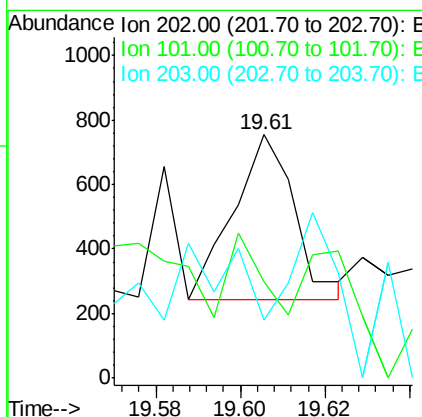
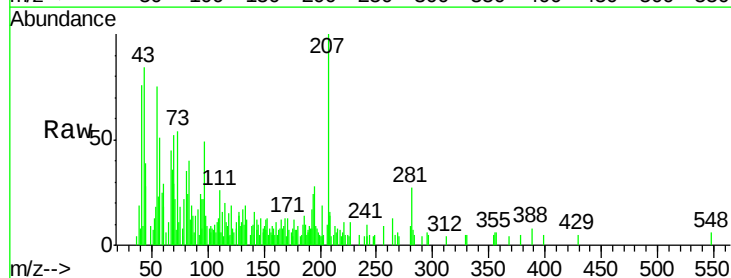
Instrument :
BNA_G
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MW-1

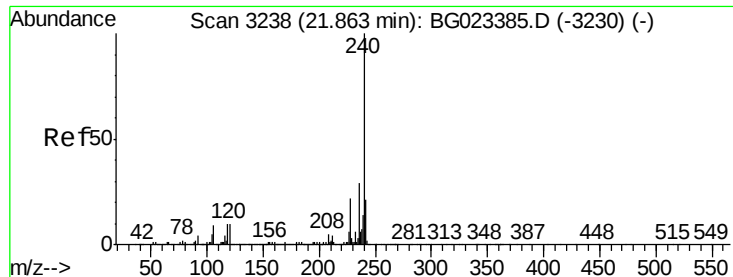
Tgt Ion:149 Resp: 12115
Ion Ratio Lower Upper
149 100
150 10.6 9.1 13.7
104 5.7 6.9 10.3#



#74
Fluoranthene
Concen: Below Cal
RT: 19.61 min Scan# 2854
Delta R.T. 0.01 min
Lab File: BG023726.D
Acq: 15 Aug 2016 18:28

Tgt Ion:202 Resp: 515
Ion Ratio Lower Upper
202 100
101 39.6 0.0 27.4#
203 23.7 1.7 41.7

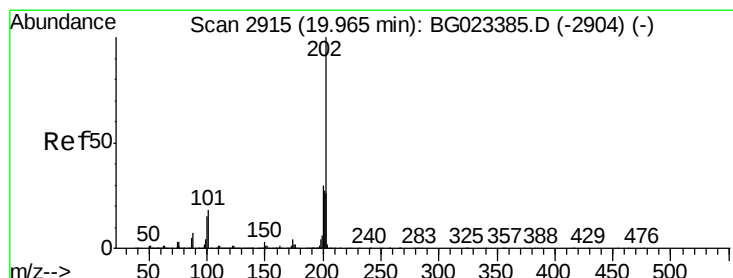
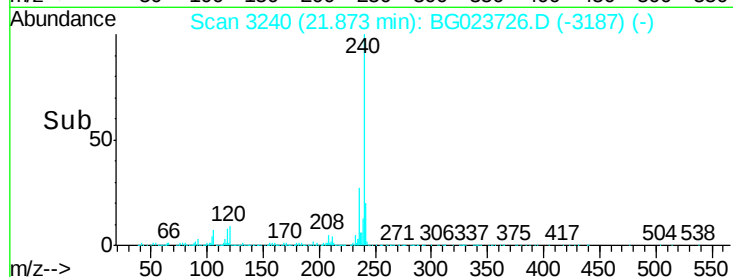
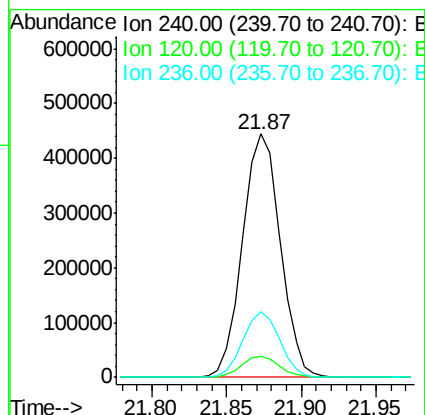
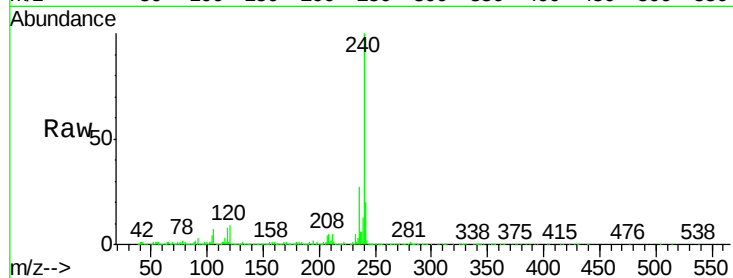




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BG023726.D
Acq: 15 Aug 2016 18:28

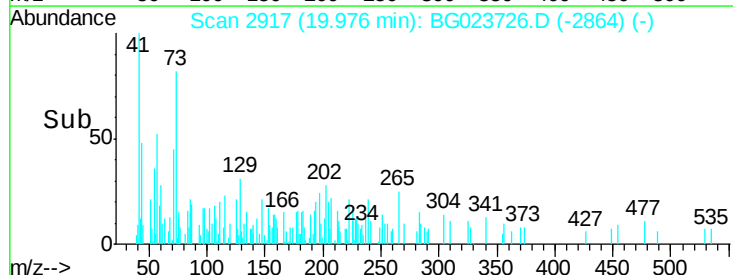
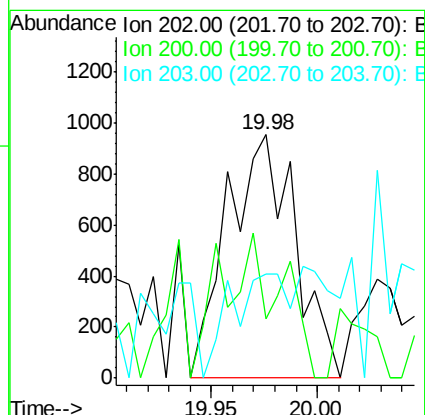
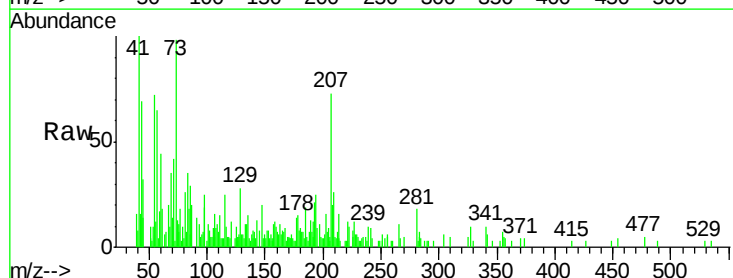
Instrument :
BNA_G
ClientSampled :
MW-1

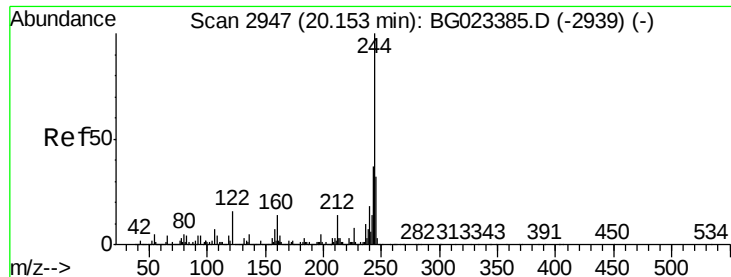
Tgt Ion:240 Resp: 779879
Ion Ratio Lower Upper
240 100
120 8.6 4.1 6.1#
236 26.8 21.1 31.7



#77
Pyrene
Concen: Below Cal
RT: 19.98 min Scan# 2917
Delta R.T. 0.01 min
Lab File: BG023726.D
Acq: 15 Aug 2016 18:28

Tgt Ion:202 Resp: 2130
Ion Ratio Lower Upper
202 100
200 24.1 21.2 31.8
203 42.9 16.8 25.2#





#78

Terphenyl-d14

Concen: 82.90 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023726.D

Acq: 15 Aug 2016 18:28

Instrument :

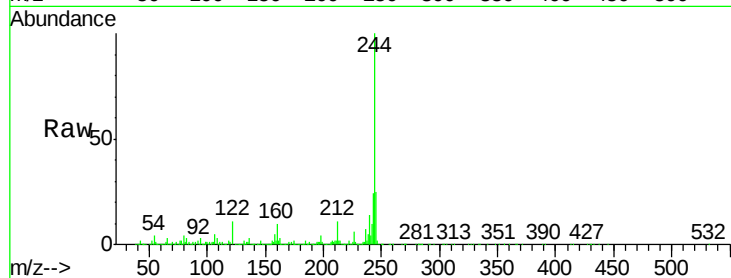
BNA_G

ClientSampleId :

MW-1

Tgt Ion:244 Resp: 2077659

Ion	Ratio	Lower	Upper
244	100		
212	10.7	10.8	16.2#
122	10.6	8.0	12.0

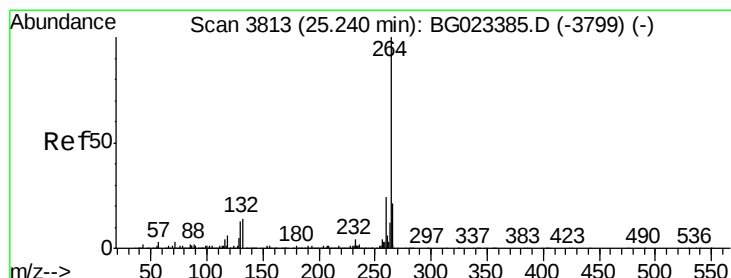
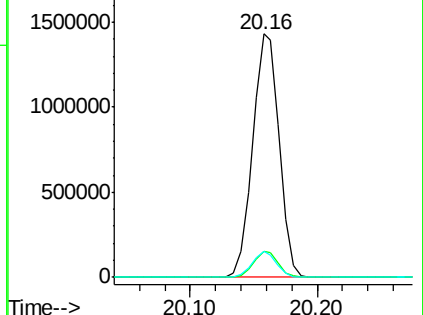
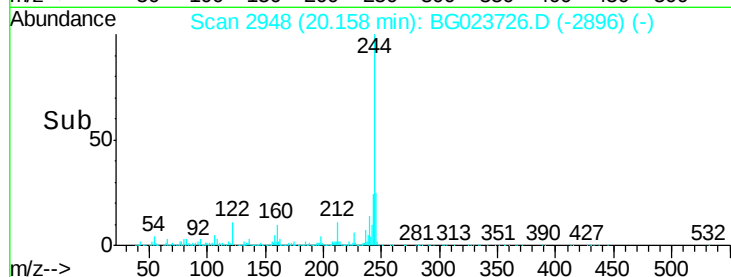


Abundance

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: 25.28 min Scan# 3820

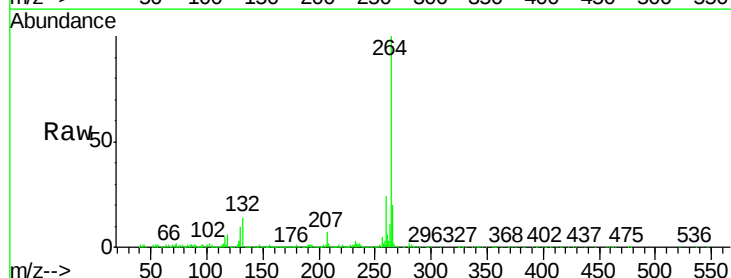
Delta R.T. 0.04 min

Lab File: BG023726.D

Acq: 15 Aug 2016 18:28

Tgt Ion:264 Resp: 785423

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.4	27.6
265	19.9	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

