

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081616\
 Data File : BG023737.D
 Acq On : 16 Aug 2016 21:11
 Operator : UM/SJ
 Sample : H4422-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Aug 17 01:05:31 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

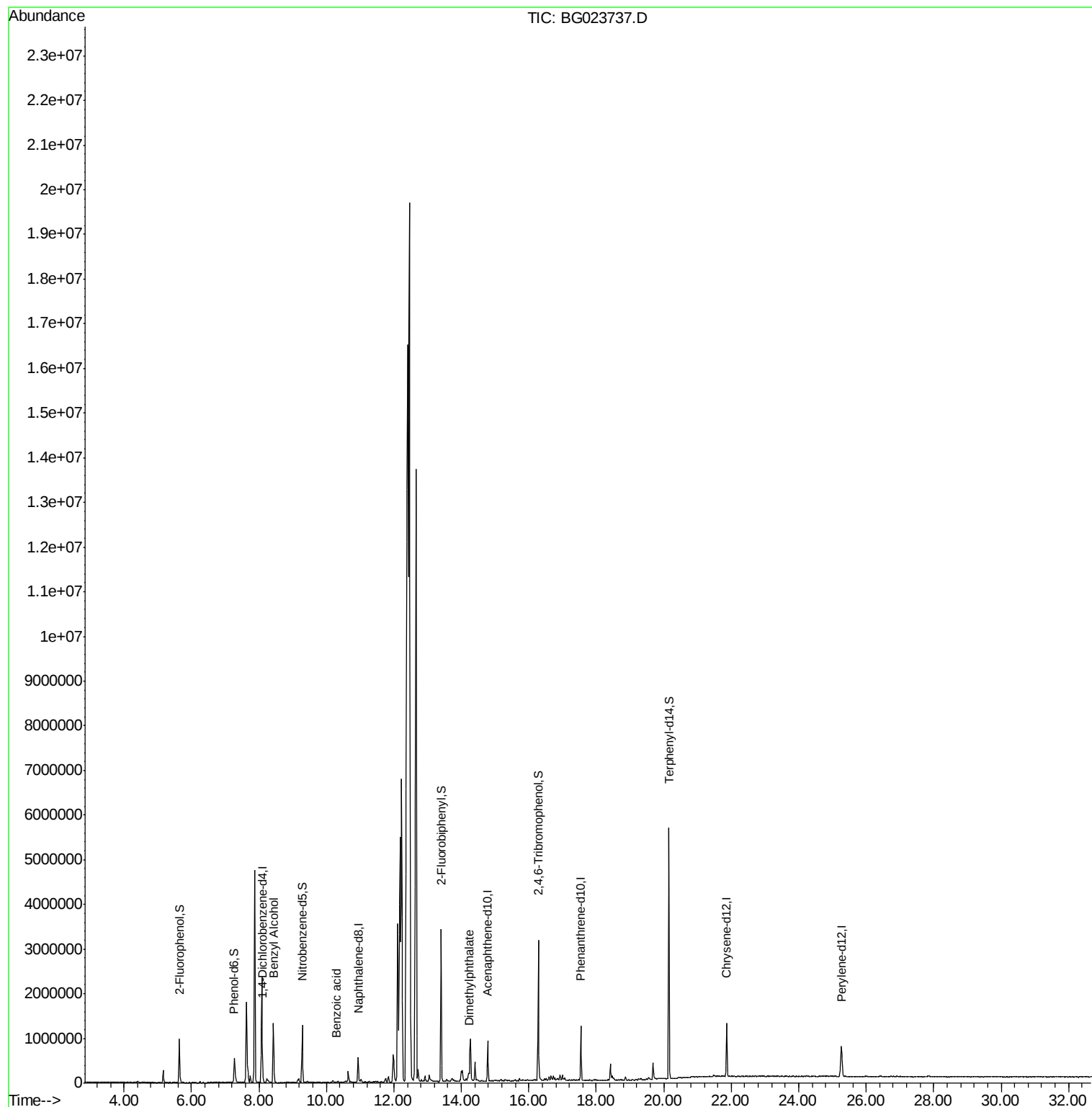
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	91770	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	444301	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	300356	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	716053	20.00	ng	0.00
75) Chrysene-d12	21.86	240	771308	20.00	ng	0.00
86) Perylene-d12	25.26	264	745298	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	457299	83.88	ng	-0.02
7) Phenol-d6	7.27	99	470126	55.36	ng	0.00
23) Nitrobenzene-d5	9.29	82	849605	95.07	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	558035	127.02	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1685907	94.67	ng	0.00
78) Terphenyl-d14	20.15	244	2157755	88.29	ng	0.00
Target Compounds						
9) Benzaldehyde	7.21	77	65	Below Cal	#	49
15) Benzyl Alcohol	8.43	79	13802	2.15 ng	#	63
32) Benzoic acid	10.30	122	3188	6.86 ng	#	68
49) Dimethylphthalate	14.22	163	142779	6.20 ng	#	97
73) Di-n-butylphthalate	18.49	149	12361	Below Cal		98
74) Fluoranthene	19.61	202	2033	Below Cal		64
77) Pyrene	19.96	202	3114	Below Cal	#	70

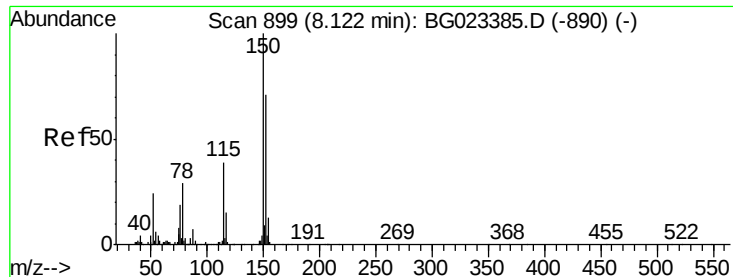
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG023737.D

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BNA_G

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MW-1

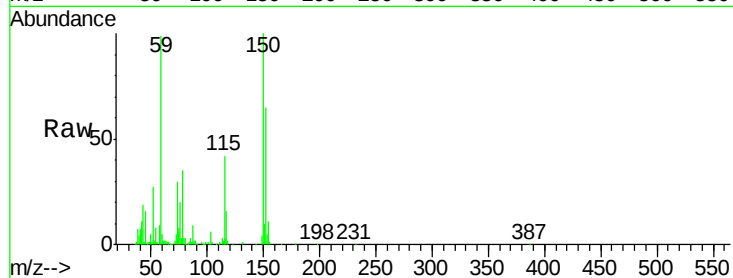
Tgt Ion:152 Resp: 91770

Ion Ratio Lower Upper

152 100

150 154.0 144.7 217.1

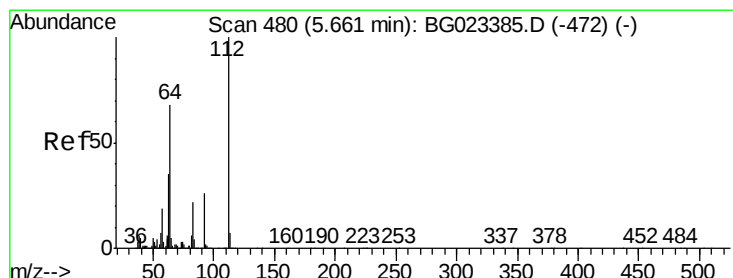
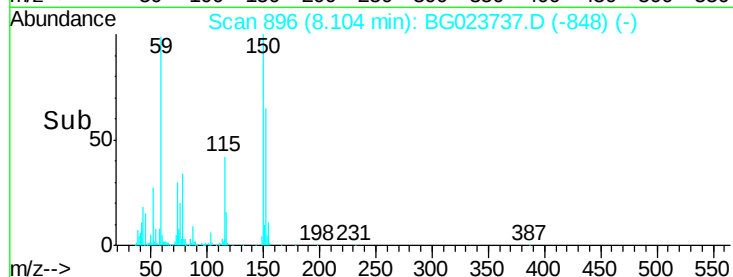
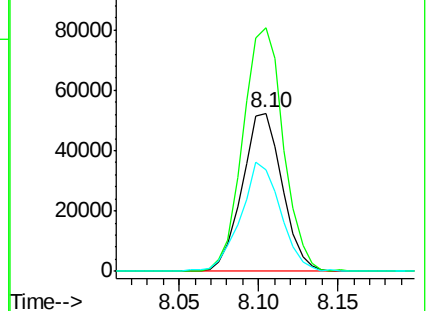
115 64.0 64.0 96.0#



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: 83.88 ng

RT: 5.64 min Scan# 477

Delta R.T. -0.02 min

Lab File: BG023737.D

Acq: 16 Aug 2016 21:11

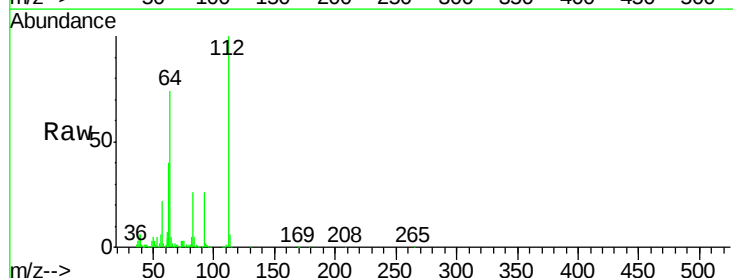
Tgt Ion:112 Resp: 457299

Ion Ratio Lower Upper

112 100

64 73.8 59.0 88.4

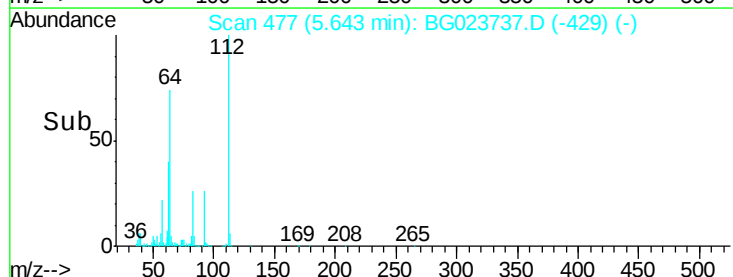
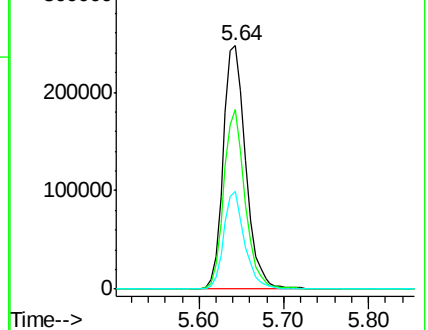
63 40.0 37.8 56.8

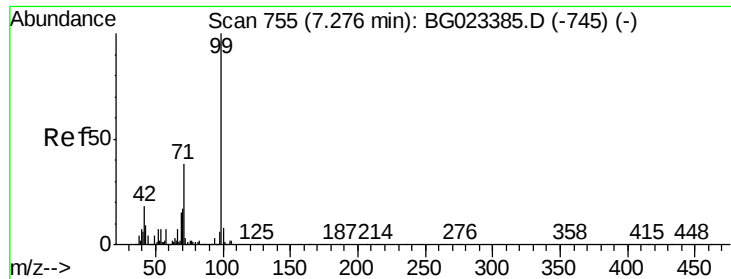


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 55.36 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG023737.D

Acq: 16 Aug 2016 21:11

Instrument :

BNA_G

ClientSampleId :

MW-1

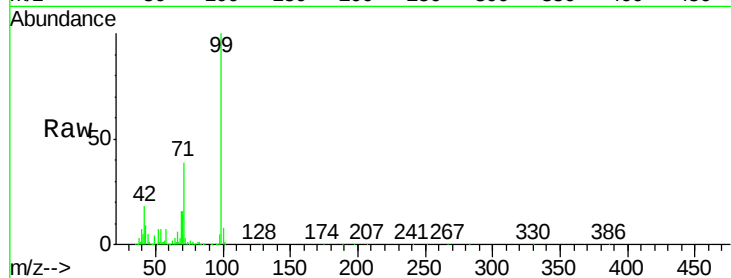
Tgt Ion: 99 Resp: 470126

Ion Ratio Lower Upper

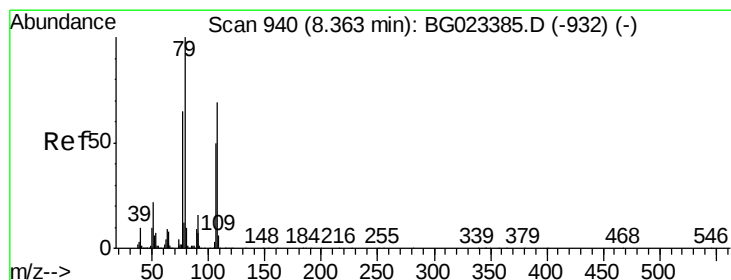
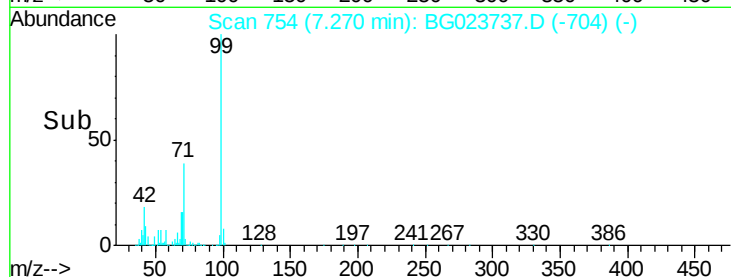
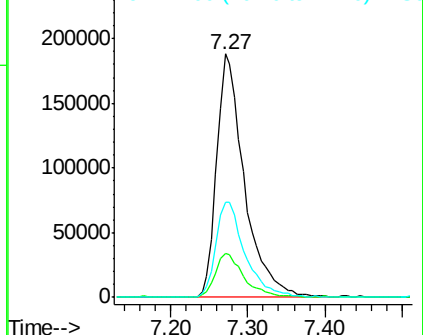
99 100

42 18.2 17.8 26.6

71 39.1 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: 2.15 ng

RT: 8.43 min Scan# 951

Delta R.T. 0.06 min

Lab File: BG023737.D

Acq: 16 Aug 2016 21:11

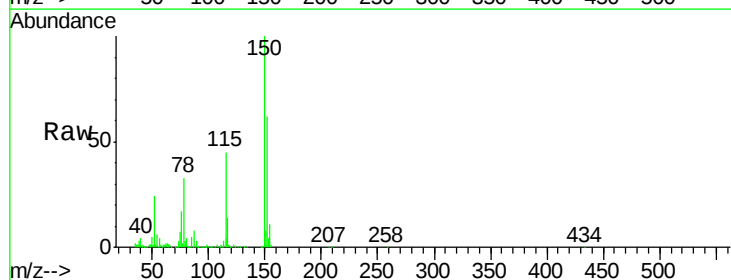
Tgt Ion: 79 Resp: 13802

Ion Ratio Lower Upper

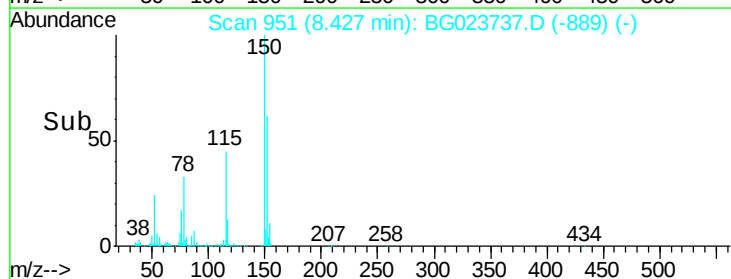
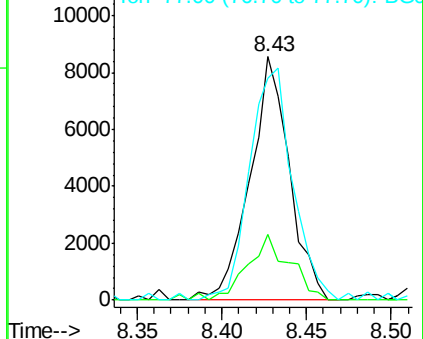
79 100

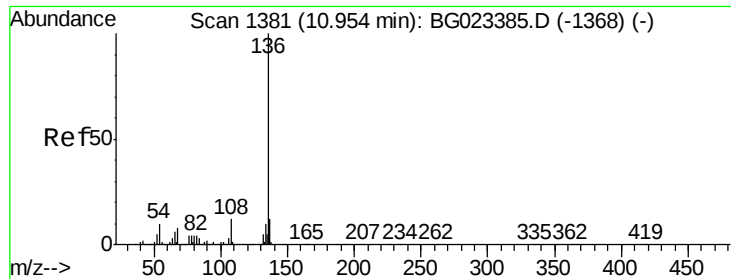
108 27.0 46.5 69.7#

77 91.2 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

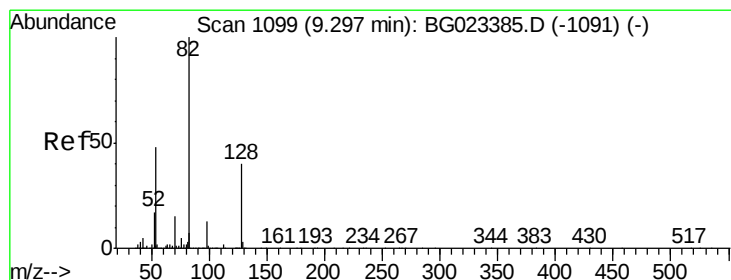
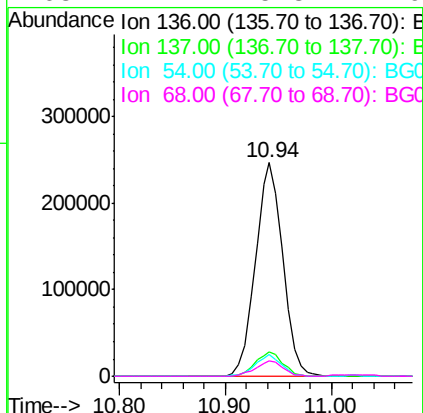
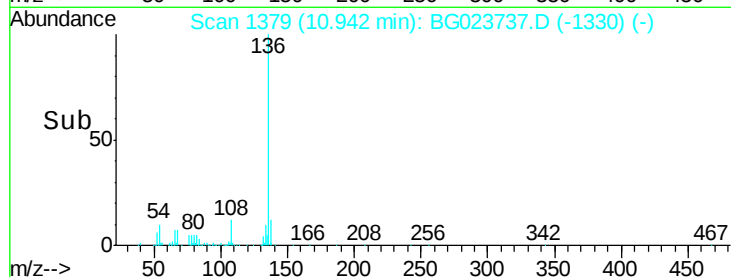
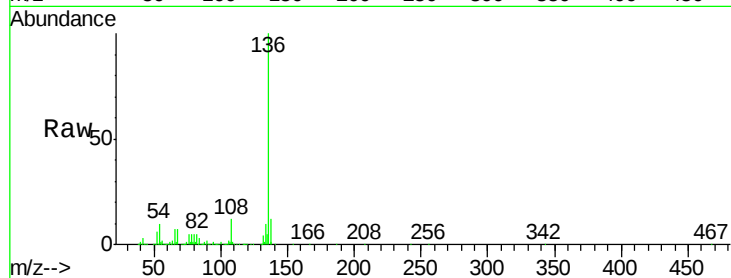




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG023737.D
Acq: 16 Aug 2016 21:11

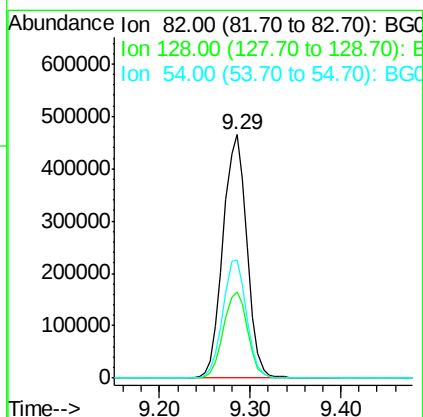
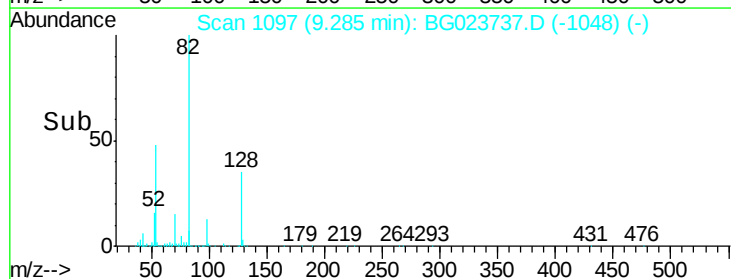
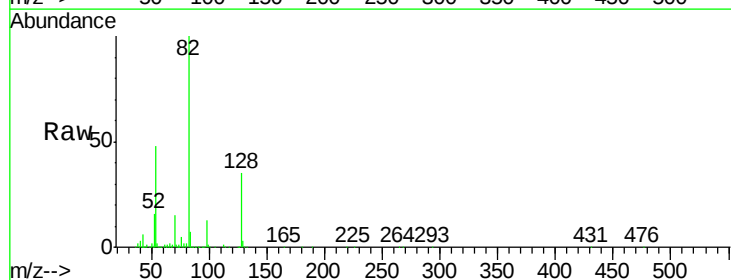
Instrument :
BNA_G
ClientSampleId :
MW-1

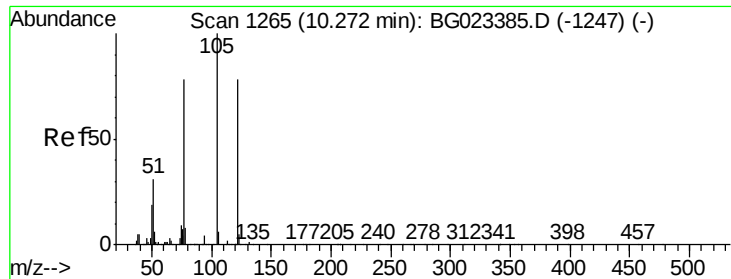
Tgt Ion:	136	Resp:	444301
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	10.2	7.3	10.9
68	7.2	5.3	7.9



#23
Nitrobenzene-d5
Concen: 95.07 ng
RT: 9.29 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BG023737.D
Acq: 16 Aug 2016 21:11

Tgt Ion:	82	Resp:	849605
Ion	Ratio	Lower	Upper
82	100		
128	35.1	24.4	36.6
54	48.4	41.4	62.0

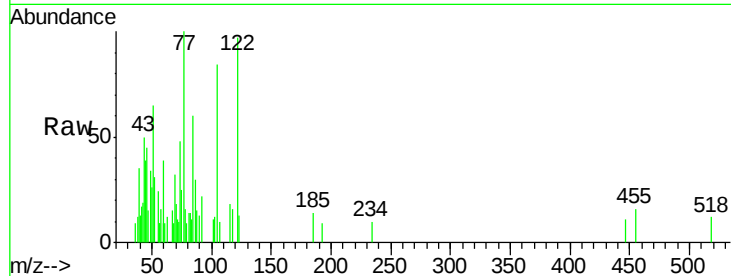




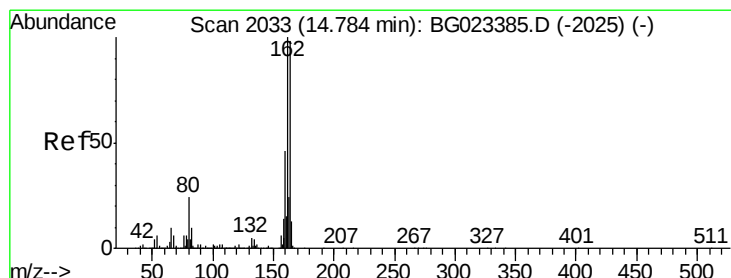
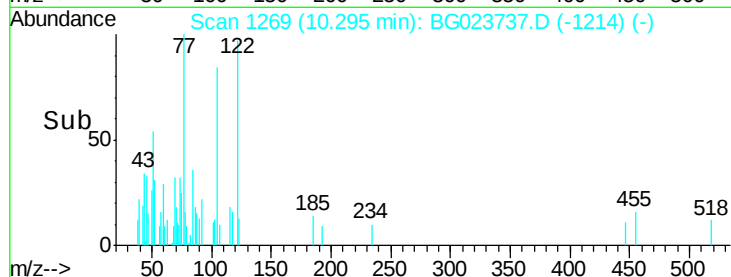
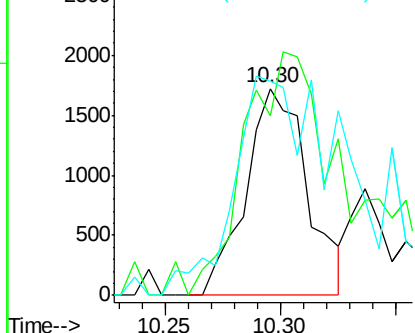
#32
Benzoic acid
Concen: 6.86 ng
RT: 10.30 min Scan# 1269
Delta R.T. 0.02 min
Lab File: BG023737.D
Acq: 16 Aug 2016 21:11

Instrument :
BNA_G
ClientSampled :
MW-1

Tgt Ion:122 Resp: 3188
Ion Ratio Lower Upper
122 100
105 86.6 117.2 157.2#
77 103.4 109.2 149.2#

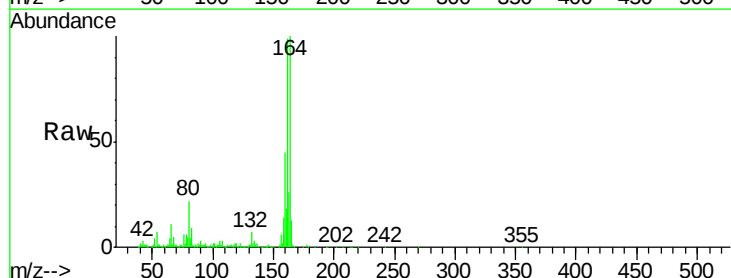


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

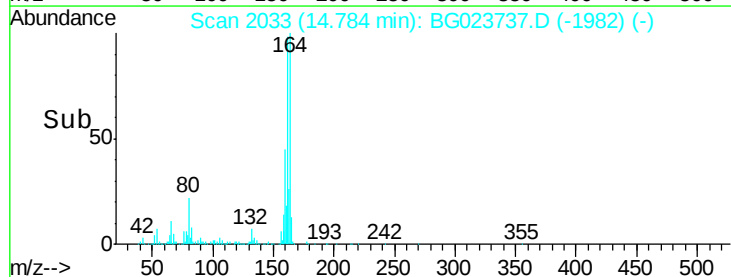
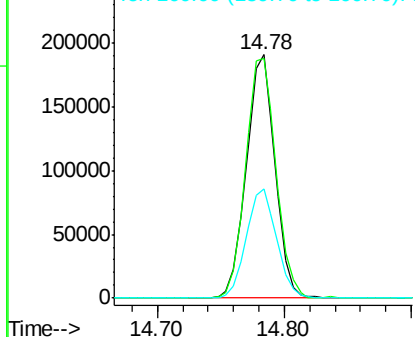


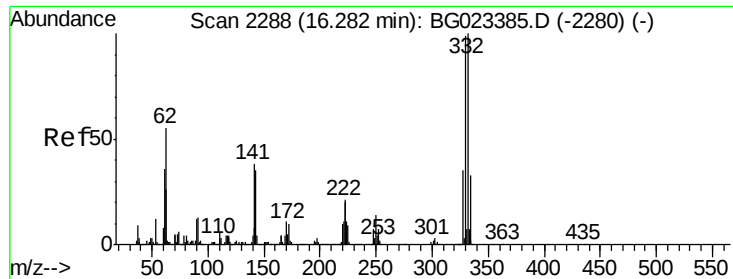
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023737.D
Acq: 16 Aug 2016 21:11

Tgt Ion:164 Resp: 300356
Ion Ratio Lower Upper
164 100
162 98.6 87.7 131.5
160 44.9 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: 127.02 ng

RT: 16.28 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BG023737.D

Acq: 16 Aug 2016 21:11

Instrument :

BNA_G

ClientSampleId :

MW-1

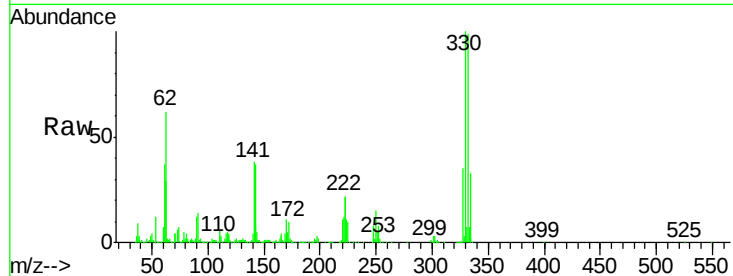
Tgt Ion:330 Resp: 558035

Ion Ratio Lower Upper

330 100

332 98.1 77.4 116.2

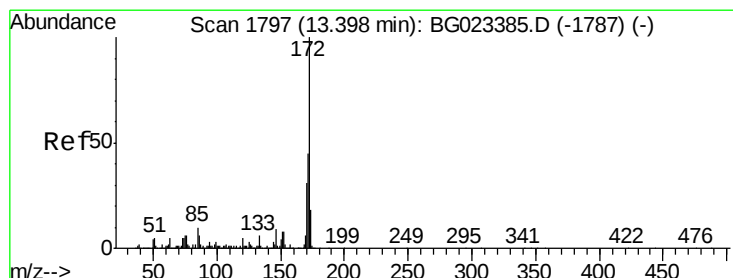
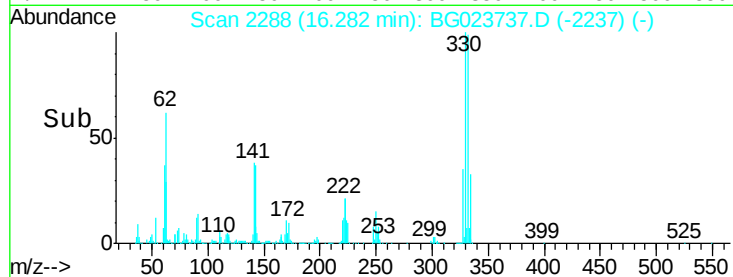
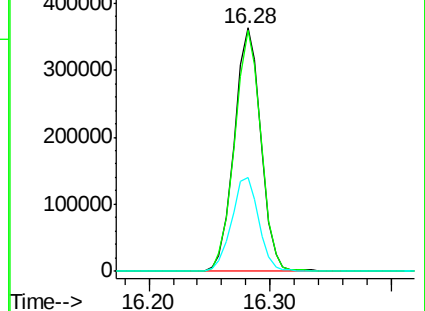
141 39.4 31.7 47.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 94.67 ng

RT: 13.40 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BG023737.D

Acq: 16 Aug 2016 21:11

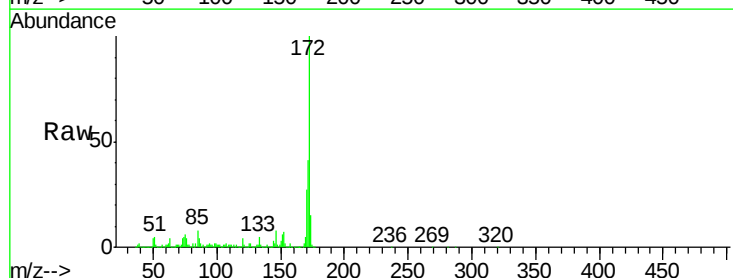
Tgt Ion:172 Resp: 1685907

Ion Ratio Lower Upper

172 100

171 40.9 31.6 47.4

170 27.3 21.3 31.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

