

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081616\
 Data File : BG023736.D
 Acq On : 16 Aug 2016 20:33
 Operator : UM/SJ
 Sample : H4422-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Quant Time: Aug 17 01:05:15 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

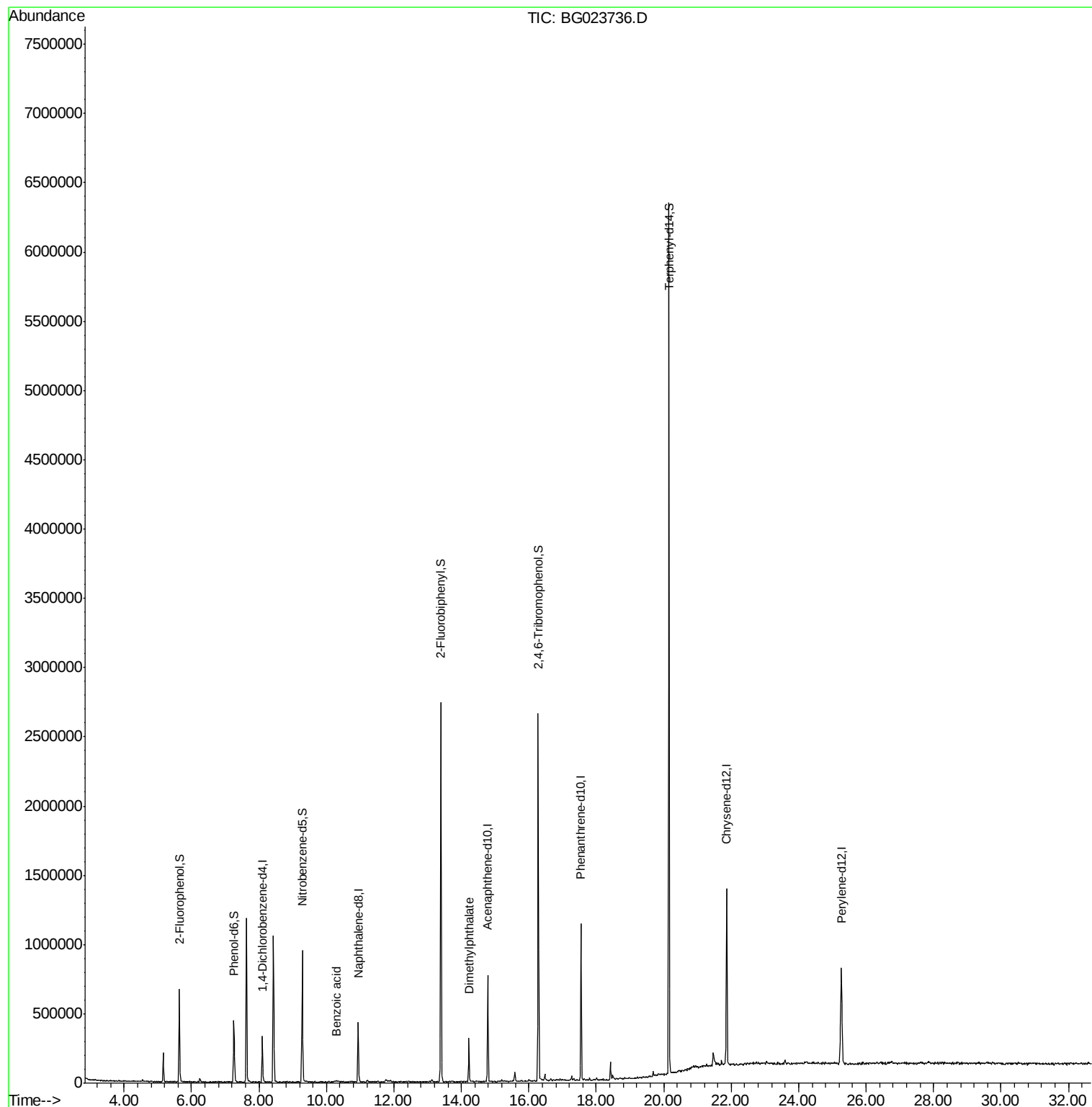
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	86765	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	370586	20.00	ng	-0.02
38) Acenaphthene-d10	14.78	164	253793	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	669664	20.00	ng	0.00
75) Chrysene-d12	21.86	240	772370	20.00	ng	0.00
86) Perylene-d12	25.27	264	767621	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	291147	56.48	ng	-0.02
7) Phenol-d6	7.26	99	272961	34.00	ng	-0.02
23) Nitrobenzene-d5	9.28	82	628870	84.36	ng	-0.02
41) 2,4,6-Tribromophenol	16.28	330	510994	137.65	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1334537	88.69	ng	0.00
78) Terphenyl-d14	20.16	244	2378266	99.66	ng	0.00
Target Compounds						
9) Benzaldehyde	7.23	77	97	Below Cal	#	8
32) Benzoic acid	10.27	122	799	6.57 ng	#	47
49) Dimethylphthalate	14.22	163	193153	9.92 ng		97
73) Di-n-butylphthalate	18.49	149	20993	Below Cal	#	94
74) Fluoranthene	19.60	202	1460	Below Cal		74
77) Pyrene	19.98	202	2209	Below Cal	#	69

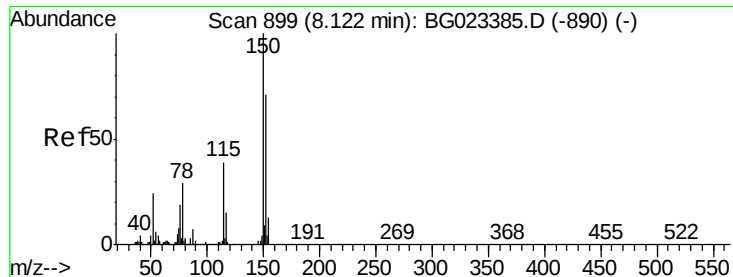
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023736.D

Acq: 16 Aug 2016 20:33

Instrument :

BNA_G

ClientSampled :

MW-4

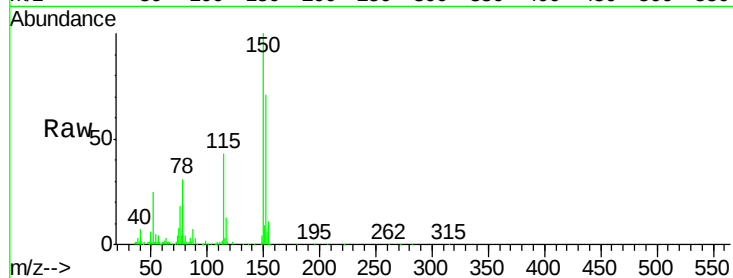
Tgt Ion:152 Resp: 86765

Ion Ratio Lower Upper

152 100

150 141.2 144.7 217.1#

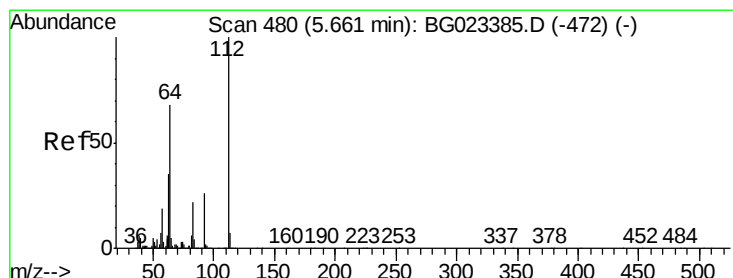
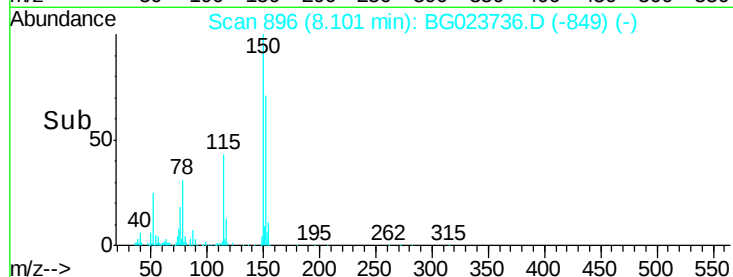
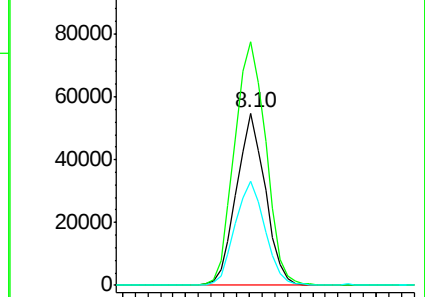
115 60.5 64.0 96.0#



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: 56.48 ng

RT: 5.64 min Scan# 477

Delta R.T. -0.02 min

Lab File: BG023736.D

Acq: 16 Aug 2016 20:33

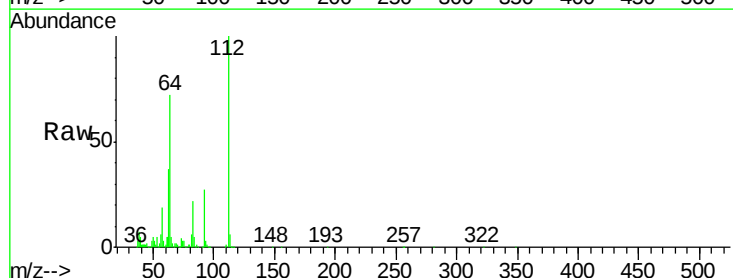
Tgt Ion:112 Resp: 291147

Ion Ratio Lower Upper

112 100

64 71.9 59.0 88.4

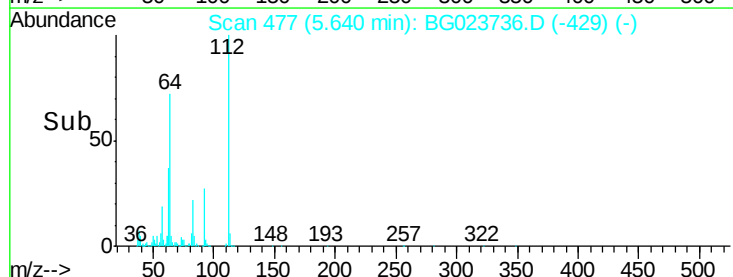
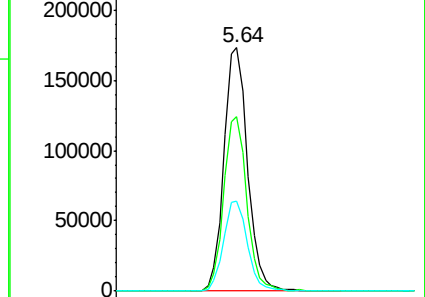
63 37.2 37.8 56.8#

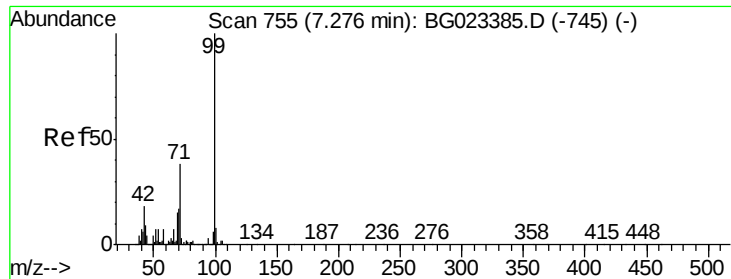


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 34.00 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG023736.D

Acq: 16 Aug 2016 20:33

Instrument :

BNA_G

ClientSampleId :

MW-4

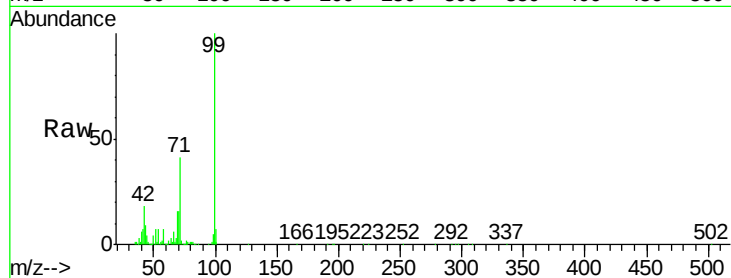
Tgt Ion: 99 Resp: 272961

Ion Ratio Lower Upper

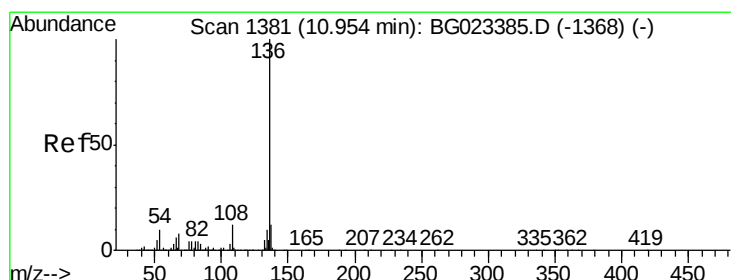
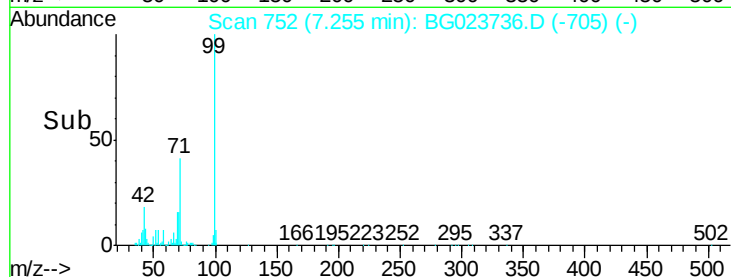
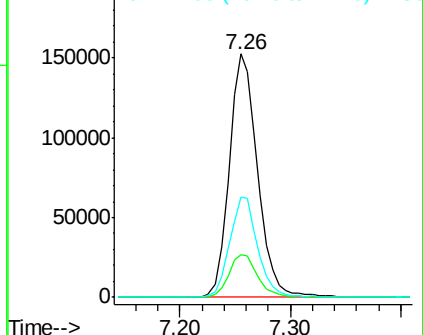
99 100

42 17.7 17.8 26.6#

71 41.2 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: 10.94 min Scan# 1379

Delta R.T. -0.02 min

Lab File: BG023736.D

Acq: 16 Aug 2016 20:33

Tgt Ion: 136 Resp: 370586

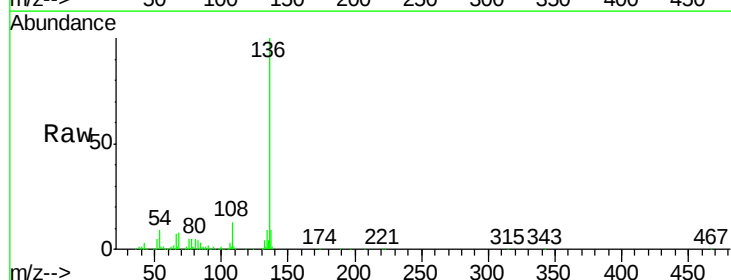
Ion Ratio Lower Upper

136 100

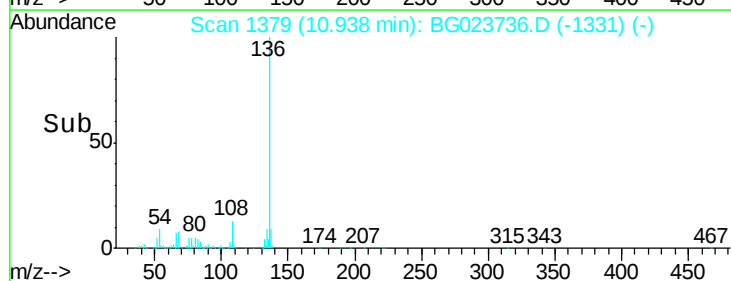
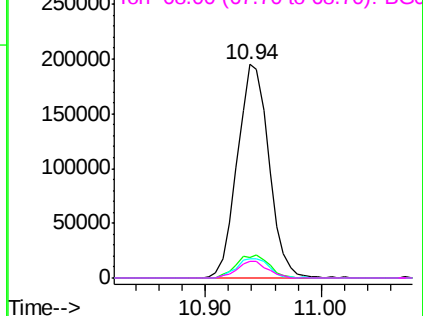
137 9.5 9.6 14.4#

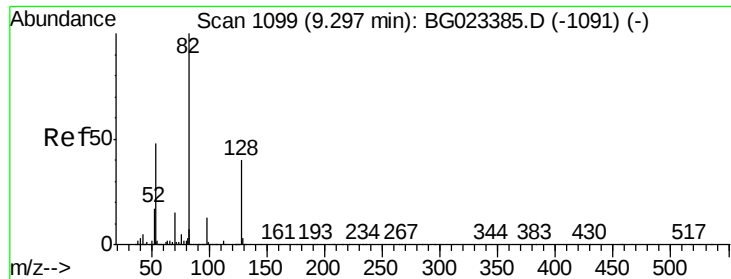
54 8.7 7.3 10.9

68 7.9 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

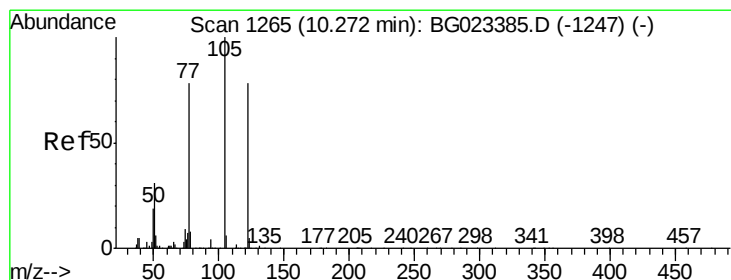
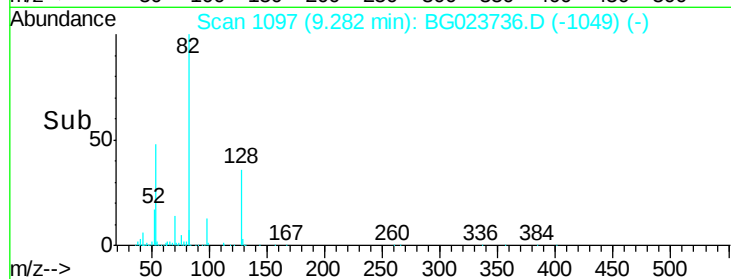
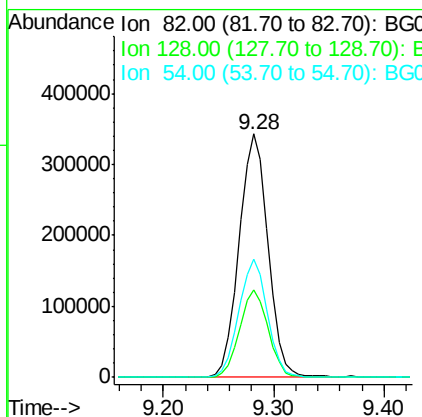
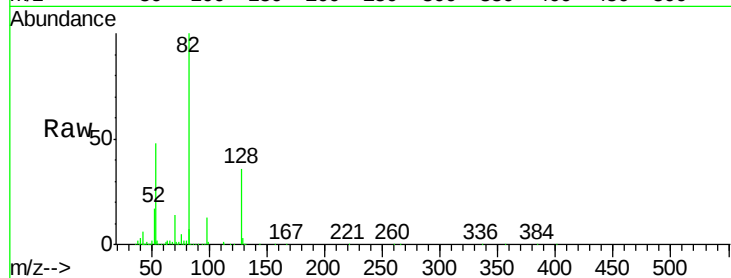




#23
 Nitrobenzene-d5
 Concen: 84.36 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG023736.D
 Acq: 16 Aug 2016 20:33

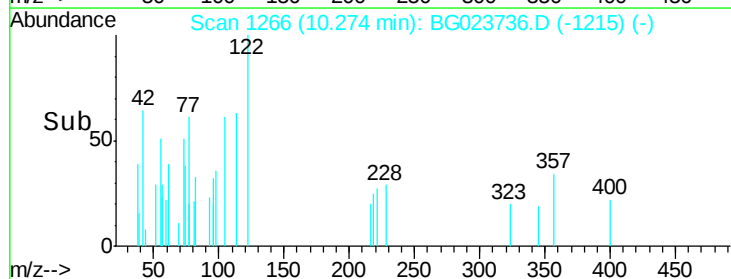
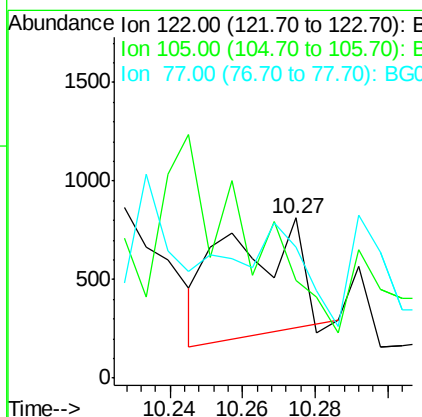
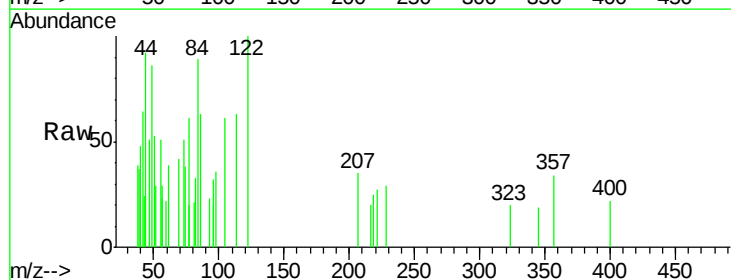
Instrument :
 BNA_G
 ClientSampleId :
 MW-4

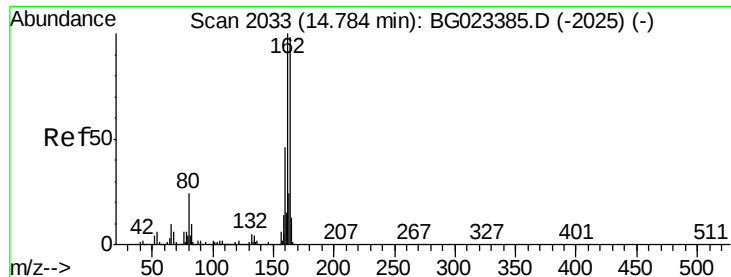
Tgt Ion: 82 Resp: 628870
 Ion Ratio Lower Upper
 82 100
 128 35.8 24.4 36.6
 54 48.3 41.4 62.0



#32
 Benzoic acid
 Concen: 6.57 ng
 RT: 10.27 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BG023736.D
 Acq: 16 Aug 2016 20:33

Tgt Ion: 122 Resp: 799
 Ion Ratio Lower Upper
 122 100
 105 60.9 117.2 157.2#
 77 81.3 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG023736.D

Acq: 16 Aug 2016 20:33

Instrument :

BNA_G

ClientSampleId :

MW-4

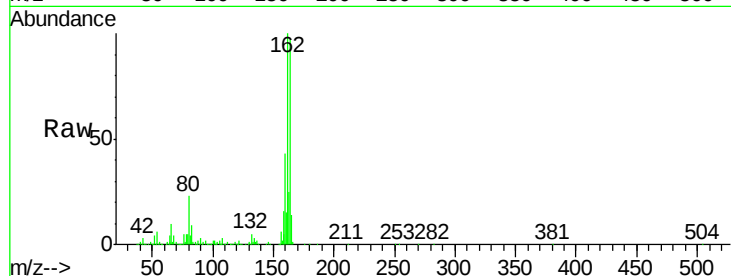
Tgt Ion:164 Resp: 253793

Ion Ratio Lower Upper

164 100

162 102.9 87.7 131.5

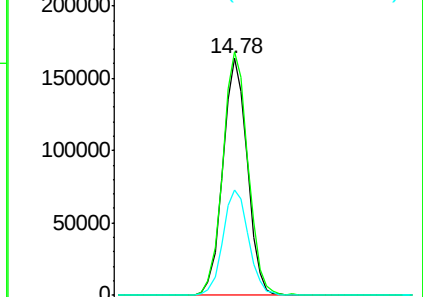
160 44.5 37.2 55.8



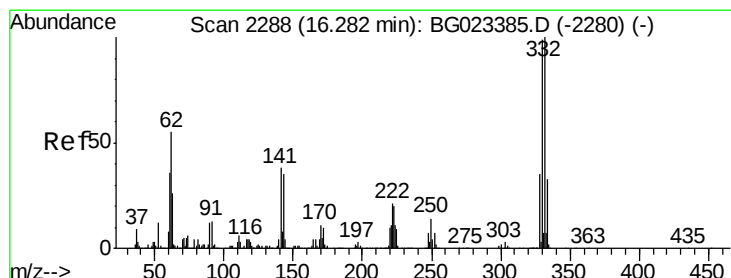
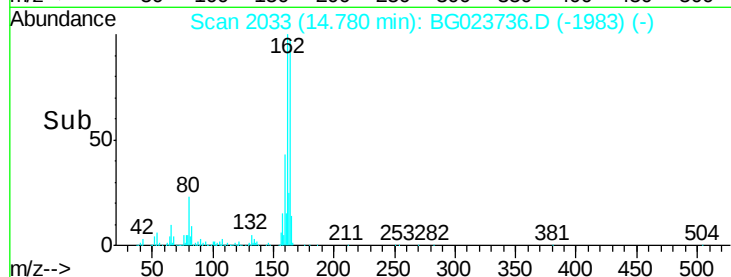
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 137.65 ng

RT: 16.28 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BG023736.D

Acq: 16 Aug 2016 20:33

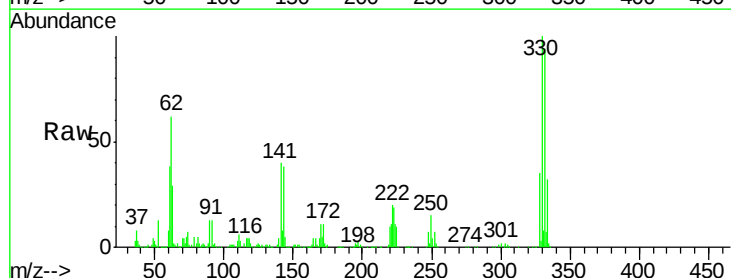
Tgt Ion:330 Resp: 510994

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.2

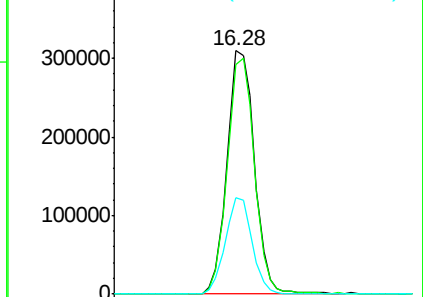
141 38.7 31.7 47.5



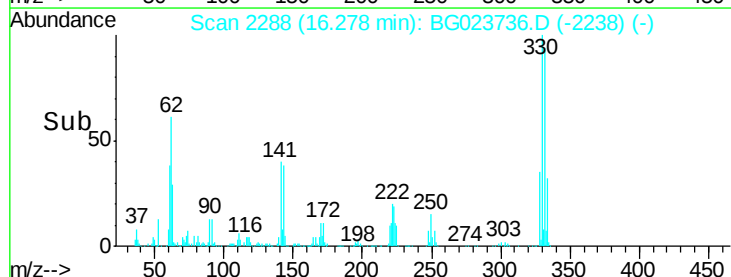
Abundance Ion 329.80 (329.50 to 330.50): E

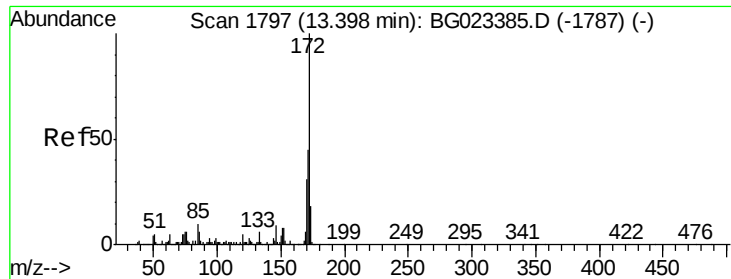
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

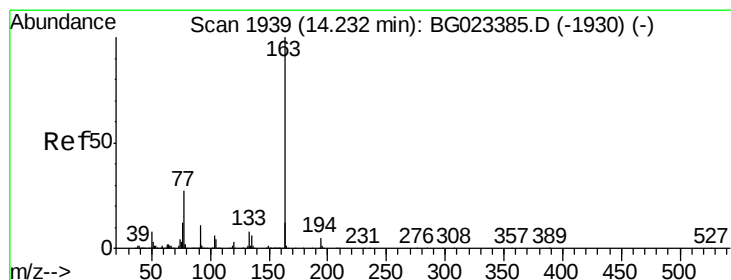
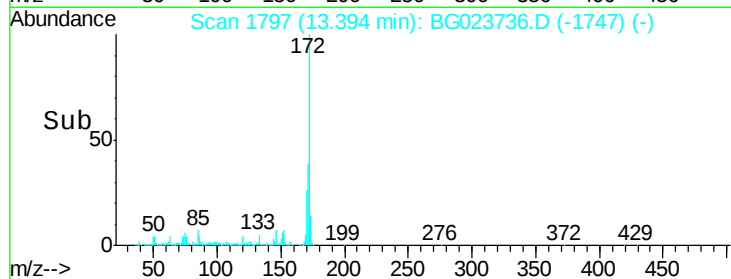
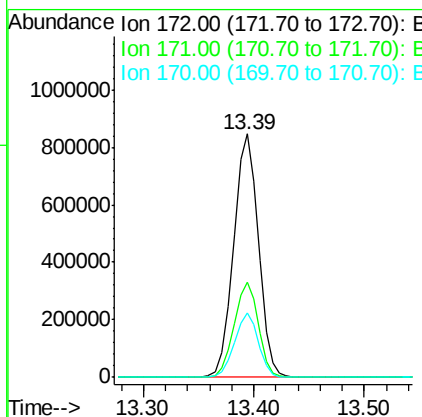
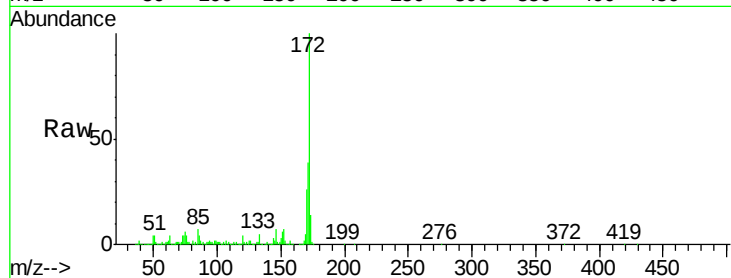




#44
2-Fluorobiphenyl
Concen: 88.69 ng
RT: 13.39 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG023736.D
Acq: 16 Aug 2016 20:33

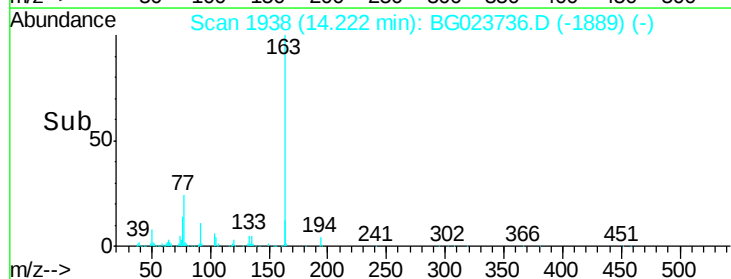
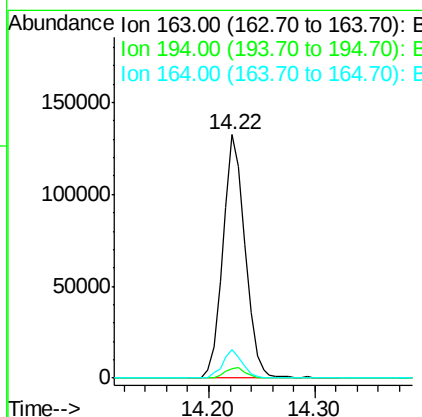
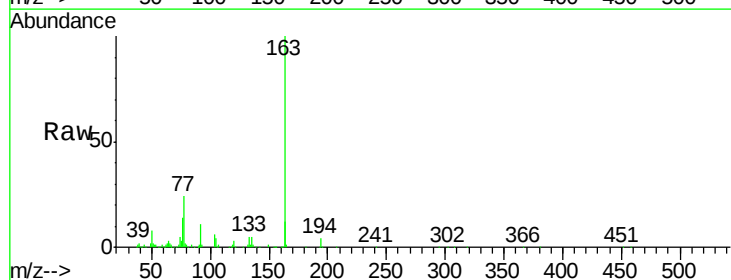
Instrument :
BNA_G
ClientSampled :
MW-4

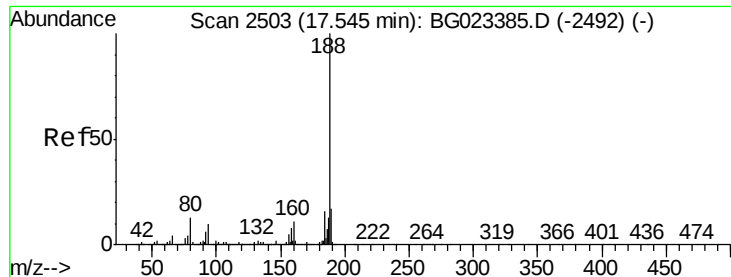
Tgt Ion:172 Resp: 1334537
Ion Ratio Lower Upper
172 100
171 39.0 31.6 47.4
170 26.3 21.3 31.9



#49
Dimethylphthalate
Concen: 9.92 ng
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023736.D
Acq: 16 Aug 2016 20:33

Tgt Ion:163 Resp: 193153
Ion Ratio Lower Upper
163 100
194 3.9 3.6 5.4
164 11.5 8.1 12.1

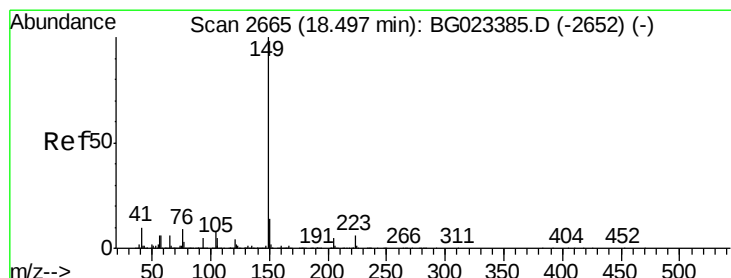
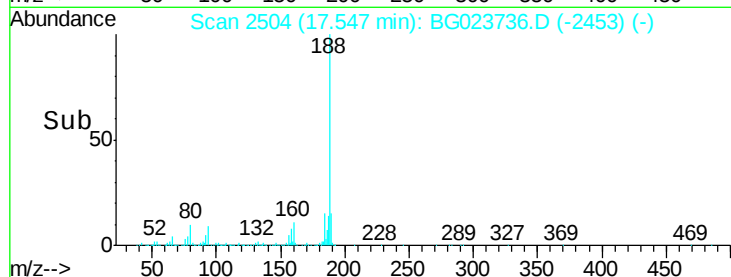
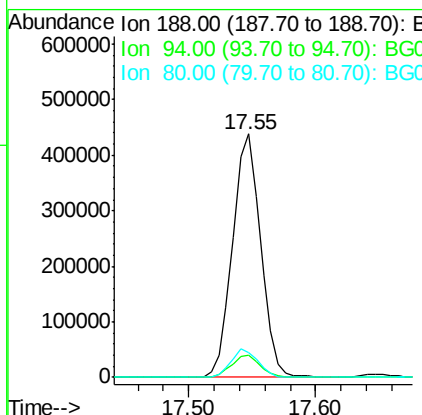
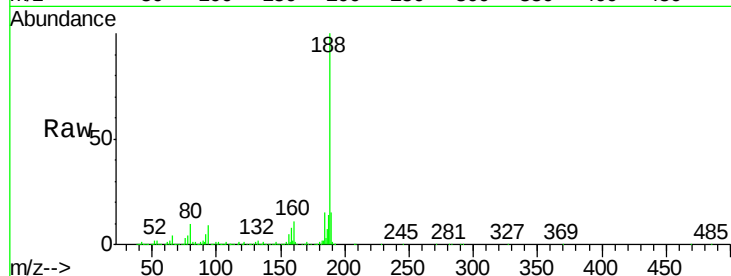




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG023736.D
Acq: 16 Aug 2016 20:33

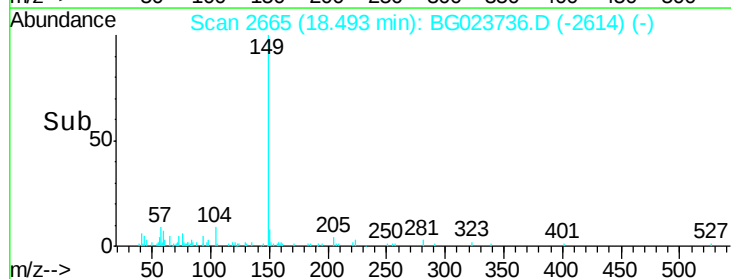
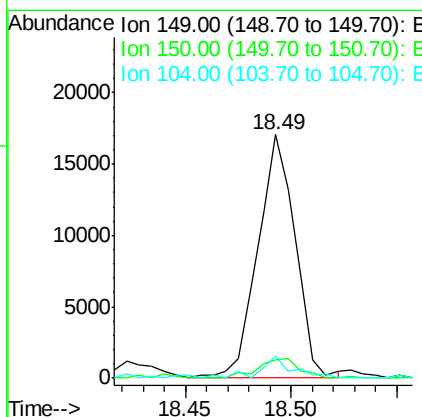
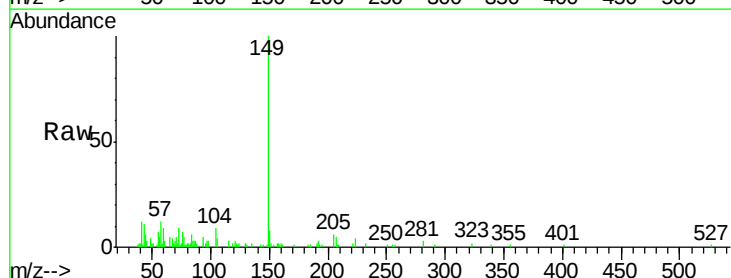
Instrument :
BNA_G
ClientSampled :
MW-4

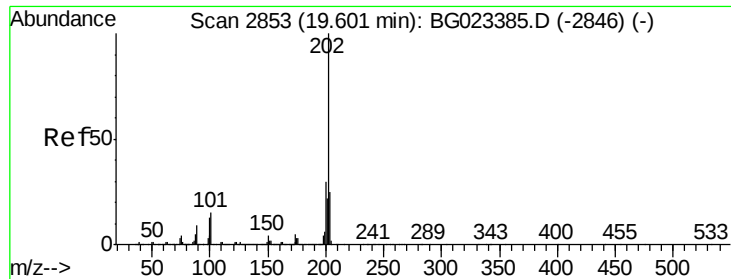
Tgt Ion:188 Resp: 669664
Ion Ratio Lower Upper
188 100
94 9.0 5.2 7.8#
80 10.1 7.2 10.8



#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.49 min Scan# 2665
Delta R.T. -0.00 min
Lab File: BG023736.D
Acq: 16 Aug 2016 20:33

Tgt Ion:149 Resp: 20993
Ion Ratio Lower Upper
149 100
150 7.6 9.1 13.7#
104 9.2 6.9 10.3





#74

Fluoranthene

Concen: Below Cal

RT: 19.60 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG023736.D

Acq: 16 Aug 2016 20:33

Instrument :

BNA_G

ClientSampleId :

MW-4

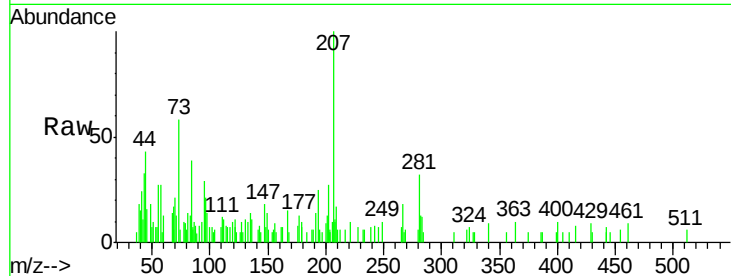
Tgt Ion:202 Resp: 1460

Ion Ratio Lower Upper

202 100

101 0.0 0.0 27.4

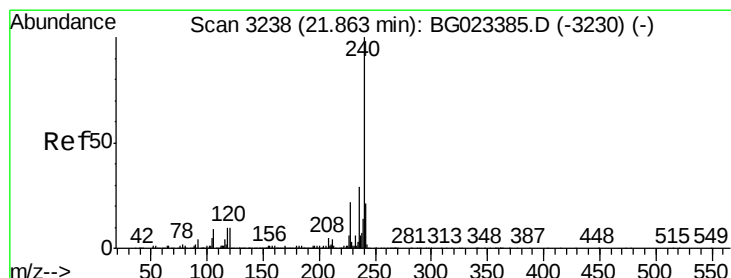
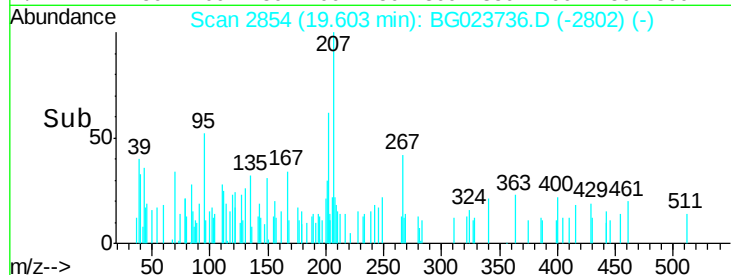
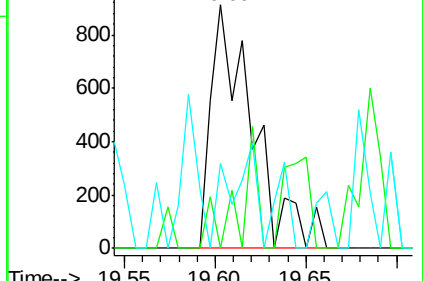
203 34.6 1.7 41.7



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# 3239

Delta R.T. 0.00 min

Lab File: BG023736.D

Acq: 16 Aug 2016 20:33

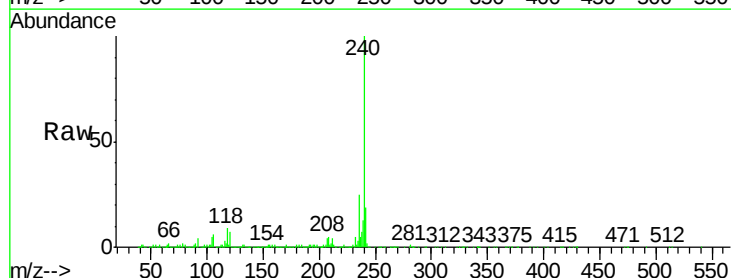
Tgt Ion:240 Resp: 772370

Ion Ratio Lower Upper

240 100

120 7.4 4.1 6.1#

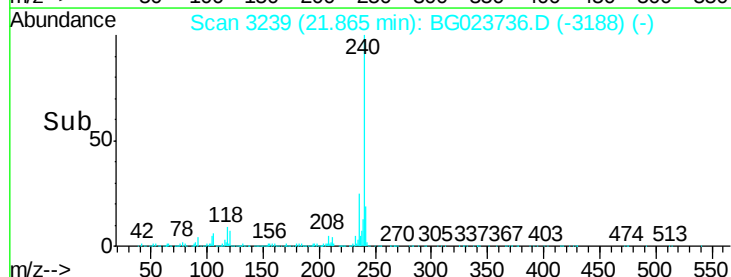
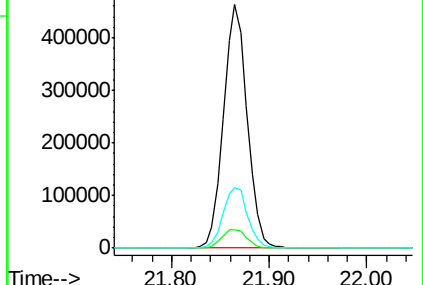
236 25.0 21.1 31.7

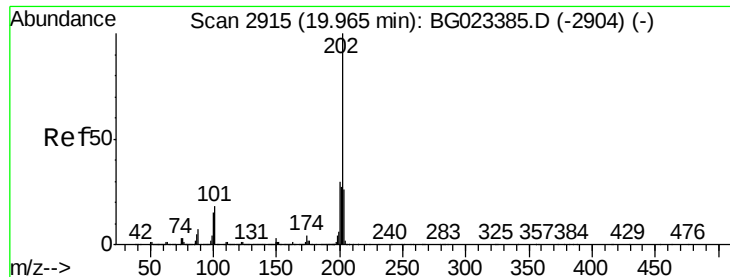


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: Below Cal

RT: 19.98 min Scan# 2918

Delta R.T. 0.01 min

Lab File: BG023736.D

Acq: 16 Aug 2016 20:33

Instrument :

BNA_G

ClientSampleId :

MW-4

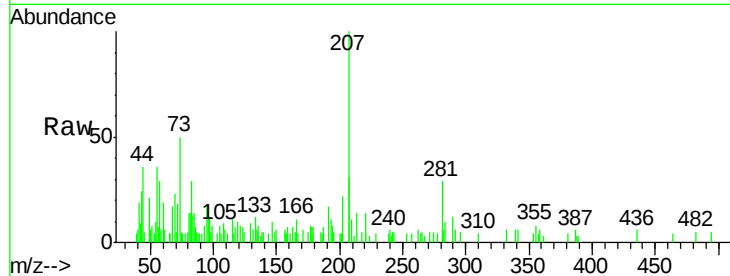
Tgt Ion:202 Resp: 2209

Ion Ratio Lower Upper

202 100

200 16.6 21.2 31.8#

203 0.0 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

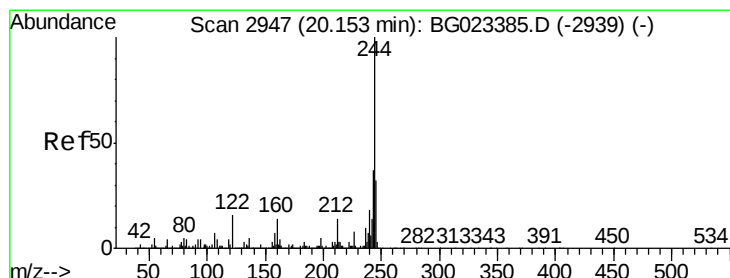
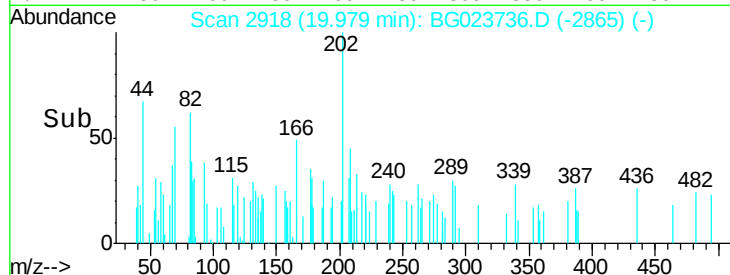
19.98

1000

500

0

Time--> 19.90 19.95 20.00



#78

Terphenyl-d14

Concen: 99.66 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023736.D

Acq: 16 Aug 2016 20:33

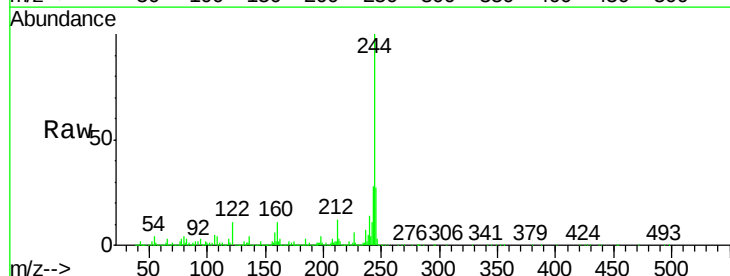
Tgt Ion:244 Resp: 2378266

Ion Ratio Lower Upper

244 100

212 11.7 10.8 16.2

122 11.2 8.0 12.0



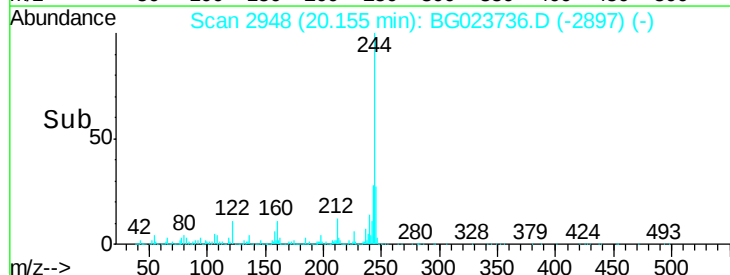
Abundance Ion 244.00 (243.70 to 244.70): E

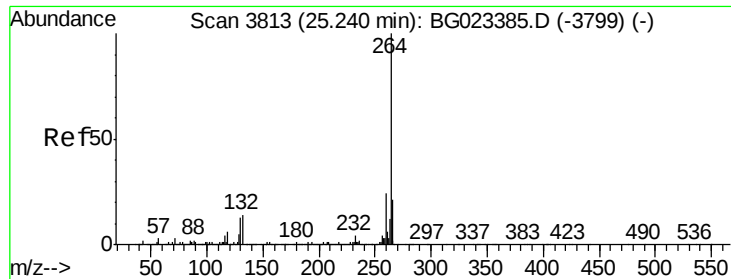
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.16

Time--> 20.10 20.20





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.27 min Scan# 3818
Delta R.T. 0.03 min
Lab File: BG023736.D
Acq: 16 Aug 2016 20:33

Instrument :
BNA_G
ClientSampleId :
MW-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.4	27.6
265	20.1	18.9	28.3

