

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080216\
 Data File : BG023409.D
 Acq On : 2 Aug 2016 23:41
 Operator : UM/SJ
 Sample : H4176-06RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-29-5.9-15.0RE

Quant Time: Aug 03 02:29:45 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

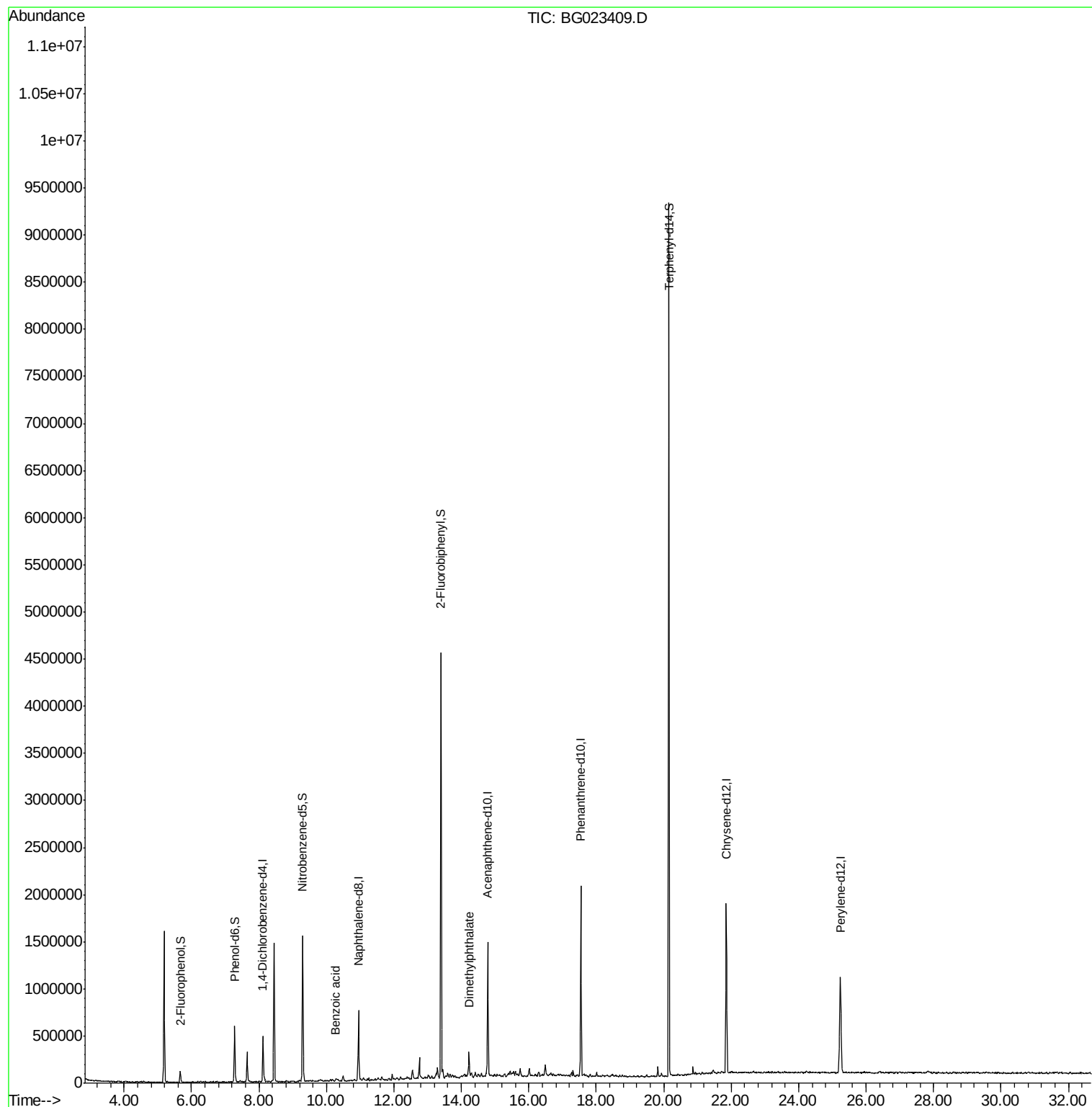
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	128714	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	614451	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	466500	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	1182818	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1095406	20.00	ng	0.00
86) Perylene-d12	25.23	264	1124998	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	53320	6.97	ng	0.00
7) Phenol-d6	7.28	99	378685	31.80	ng	0.00
23) Nitrobenzene-d5	9.29	82	1006288	81.42	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	8738	1.28	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	2195753	79.39	ng	0.00
78) Terphenyl-d14	20.15	244	3271480	95.92	ng	0.00
Target Compounds						
9) Benzaldehyde	7.26	77	849	Below Cal	#	8
32) Benzoic acid	10.26	122	81	6.45 ng	#	23
49) Dimethylphthalate	14.22	163	136042	3.80 ng		99
73) Di-n-butylphthalate	18.49	149	11738	Below Cal	#	92
74) Fluoranthene	19.62	202	897	Below Cal	#	46
77) Pyrene	19.96	202	1076	Below Cal	#	57

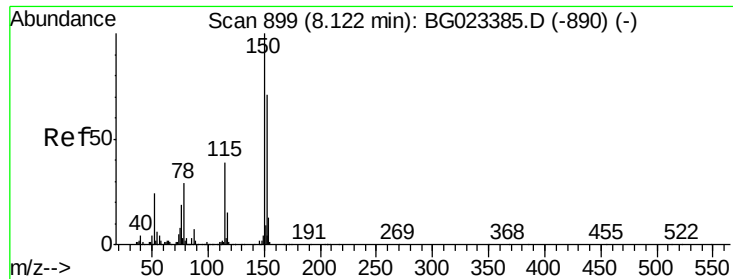
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023409.D

Acq: 2 Aug 2016 23:41

Instrument :

BNA_G

ClientSampleId :

GW-29-5.9-15.0RE

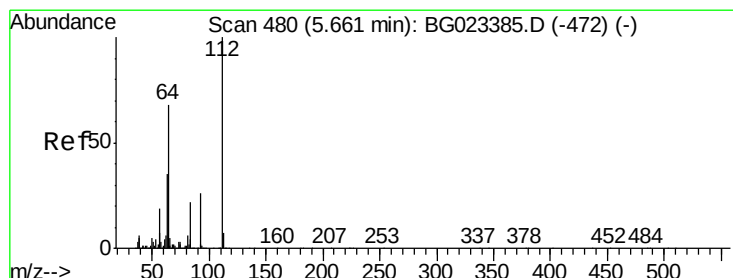
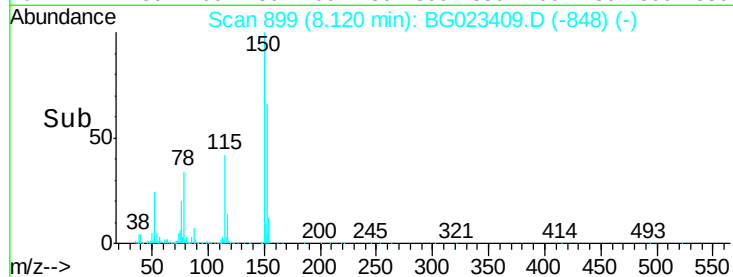
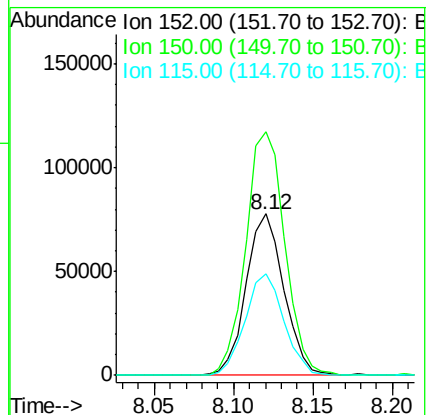
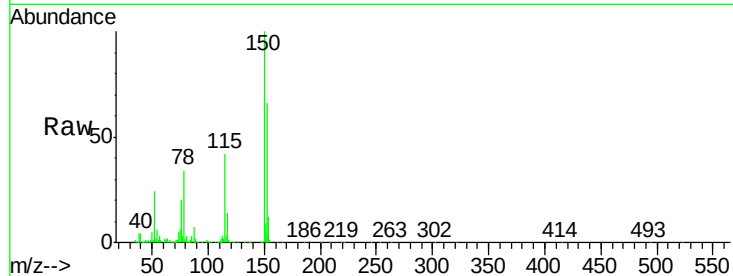
Tgt Ion:152 Resp: 128714

Ion Ratio Lower Upper

152 100

150 151.2 144.7 217.1

115 63.4 64.0 96.0#



#5

2-Fluorophenol

Concen: 6.97 ng

RT: 5.66 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG023409.D

Acq: 2 Aug 2016 23:41

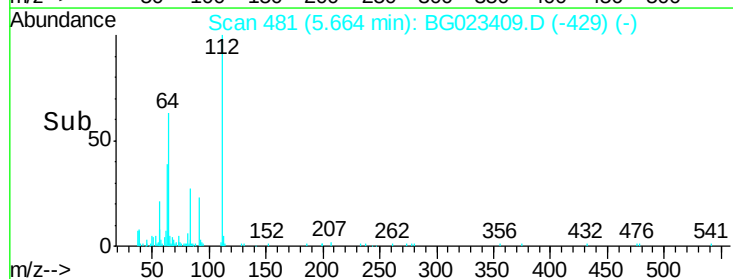
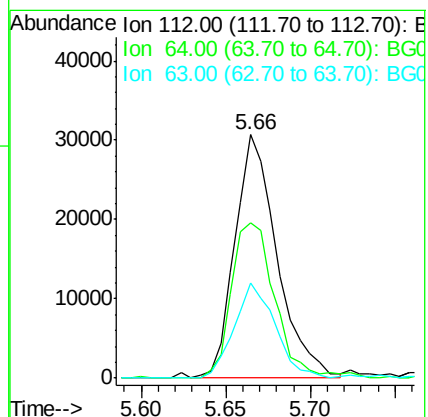
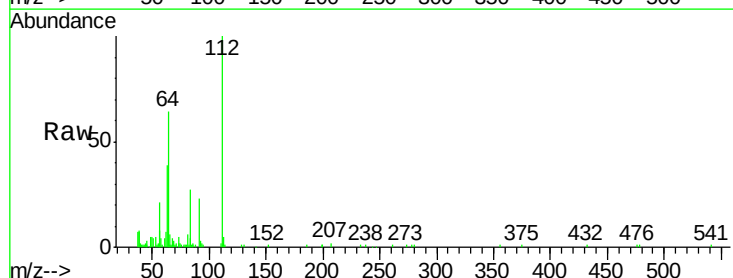
Tgt Ion:112 Resp: 53320

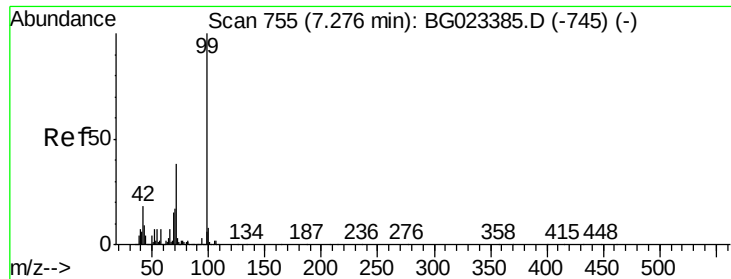
Ion Ratio Lower Upper

112 100

64 63.8 59.0 88.4

63 38.9 37.8 56.8





#7

Phenol-d6

Concen: 31.80 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023409.D

Acq: 2 Aug 2016 23:41

Instrument :

BNA_G

ClientSampleId :

GW-29-5.9-15.0RE

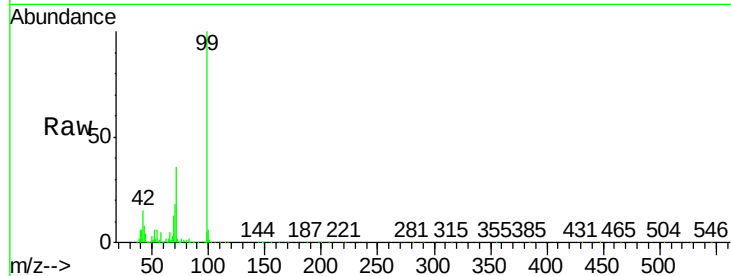
Tgt Ion: 99 Resp: 378685

Ion Ratio Lower Upper

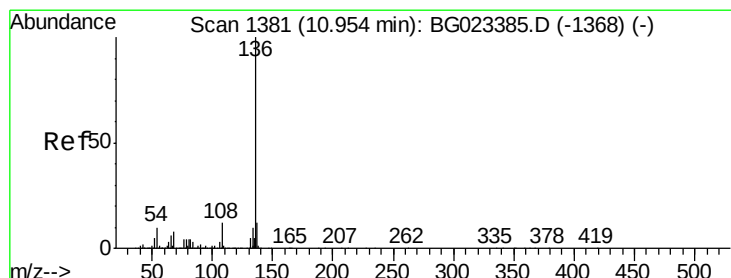
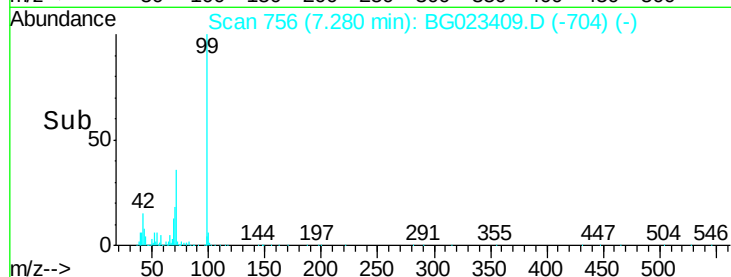
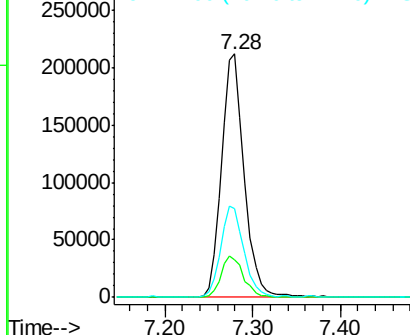
99 100

42 15.3 17.8 26.6#

71 36.2 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: 10.95 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BG023409.D

Acq: 2 Aug 2016 23:41

Tgt Ion: 136 Resp: 614451

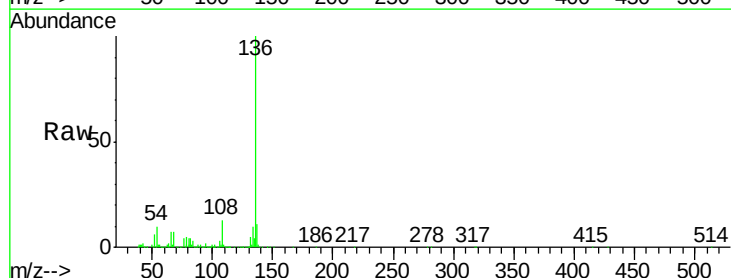
Ion Ratio Lower Upper

136 100

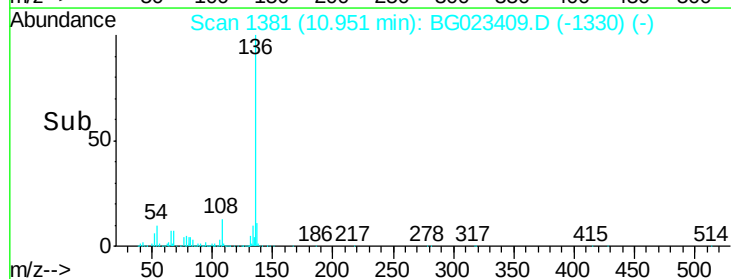
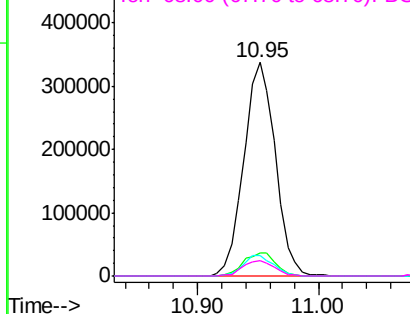
137 10.9 9.6 14.4

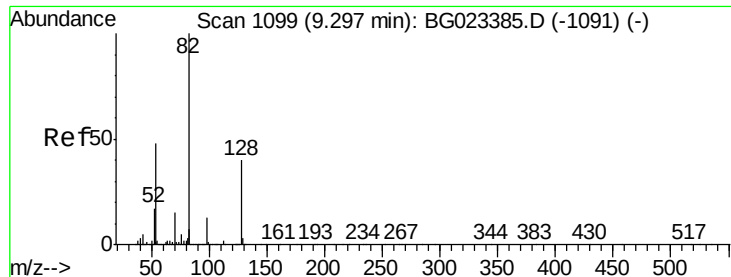
54 9.5 7.3 10.9

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

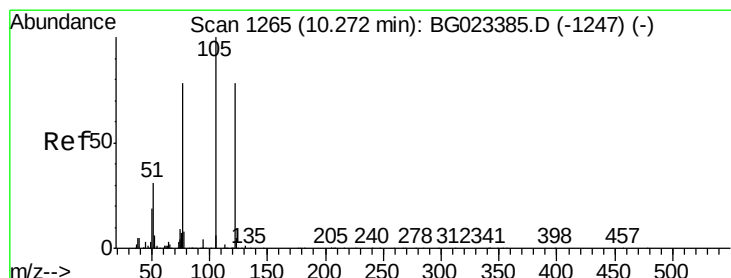
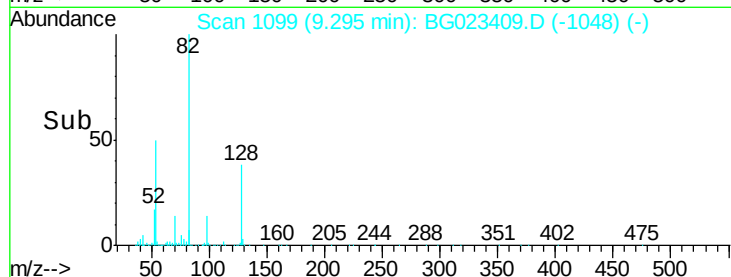
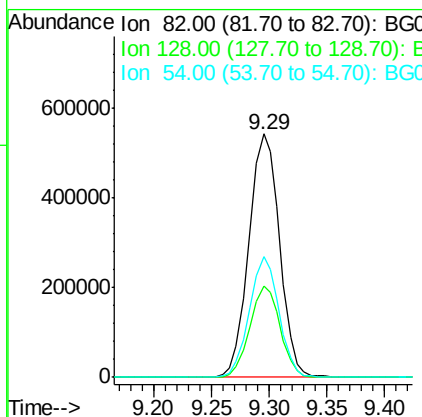
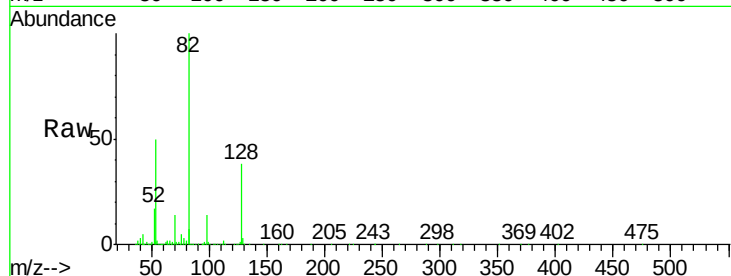




#23
 Nitrobenzene-d5
 Concen: 81.42 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BG023409.D
 Acq: 2 Aug 2016 23:41

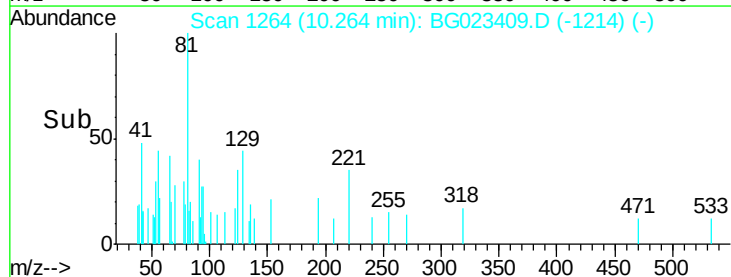
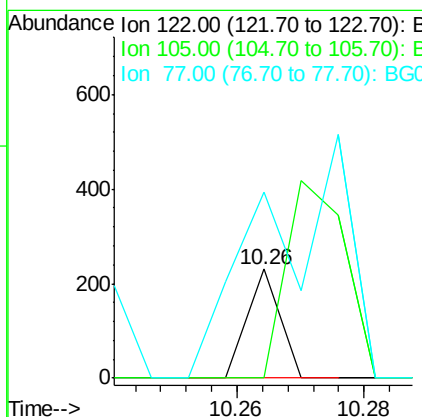
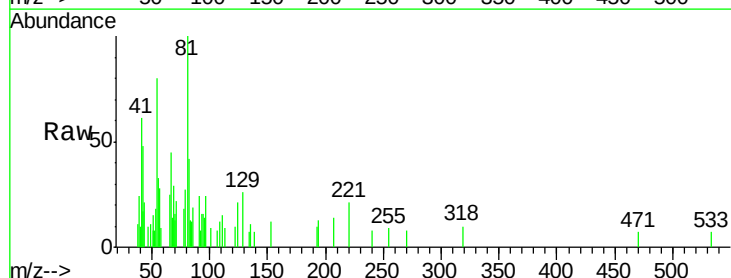
Instrument :
 BNA_G
 ClientSampleId :
 GW-29-5.9-15.0RE

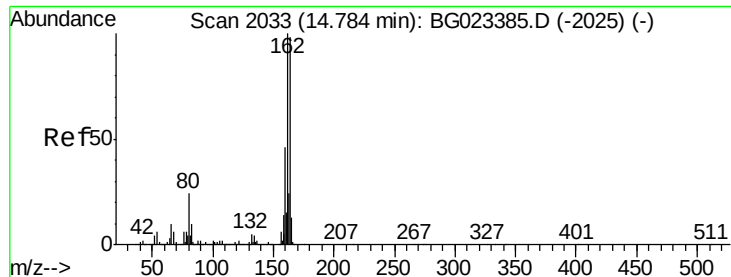
Tgt Ion: 82 Resp: 1006288
 Ion Ratio Lower Upper
 82 100
 128 37.6 24.4 36.6#
 54 49.6 41.4 62.0



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 10.26 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG023409.D
 Acq: 2 Aug 2016 23:41

Tgt Ion: 122 Resp: 81
 Ion Ratio Lower Upper
 122 100
 105 0.0 117.2 157.2#
 77 171.7 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG023409.D

Acq: 2 Aug 2016 23:41

Instrument :

BNA_G

ClientSampleId :

GW-29-5.9-15.0RE

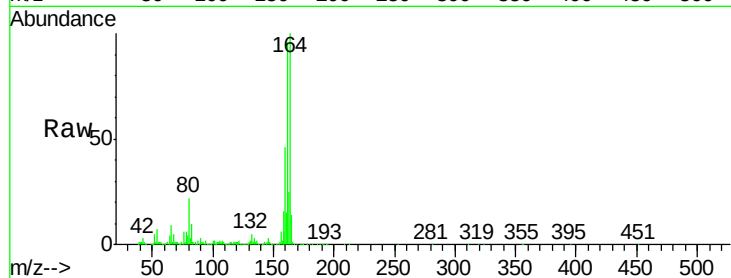
Tgt Ion:164 Resp: 466500

Ion Ratio Lower Upper

164 100

162 96.4 87.7 131.5

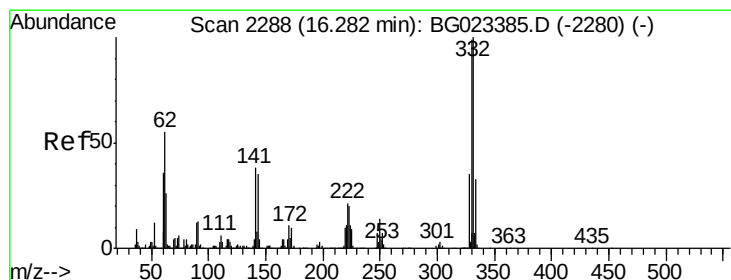
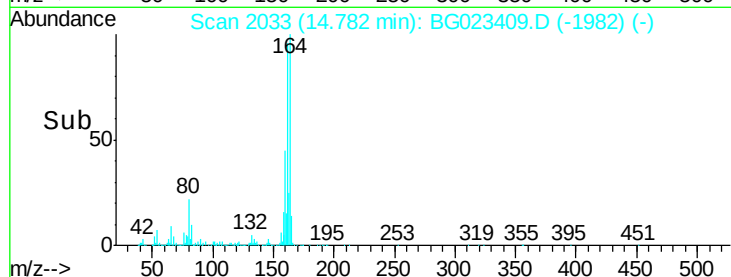
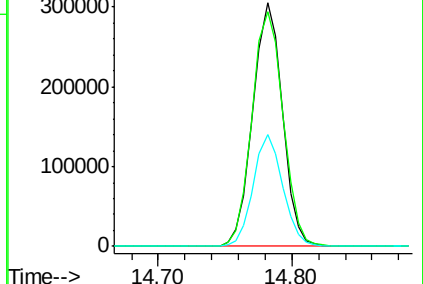
160 45.7 37.2 55.8



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: 1.28 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG023409.D

Acq: 2 Aug 2016 23:41

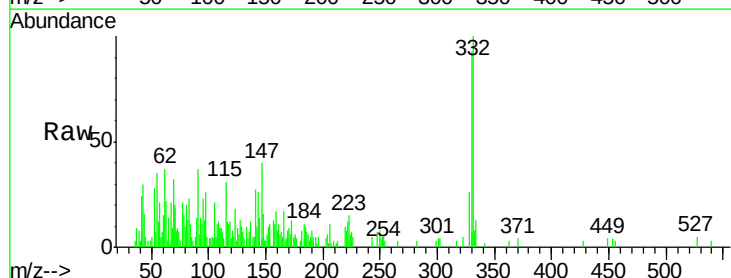
Tgt Ion:330 Resp: 8738

Ion Ratio Lower Upper

330 100

332 98.4 77.4 116.2

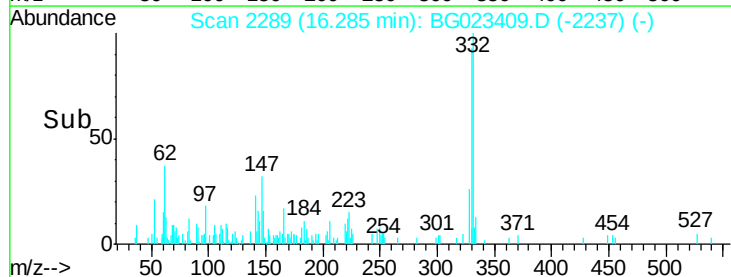
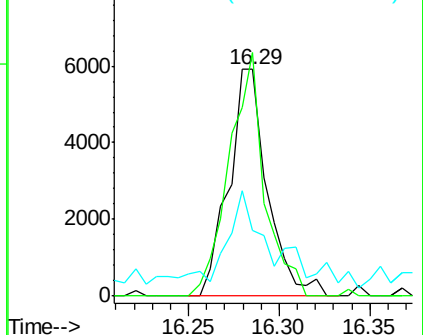
141 38.9 31.7 47.5

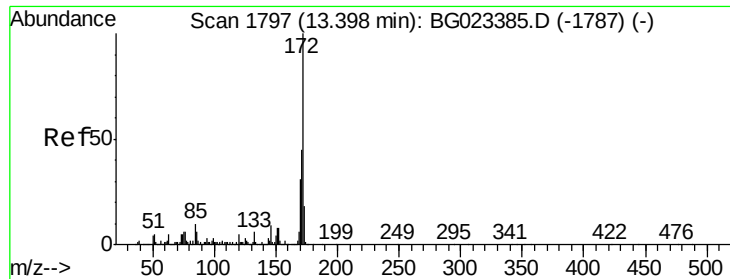


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 79.39 ng

RT: 13.40 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BG023409.D

Acq: 2 Aug 2016 23:41

Instrument :

BNA_G

ClientSampleId :

GW-29-5.9-15.0RE

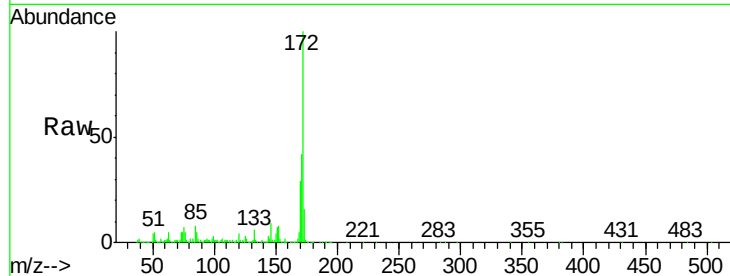
Tgt Ion:172 Resp: 2195753

Ion Ratio Lower Upper

172 100

171 42.0 31.6 47.4

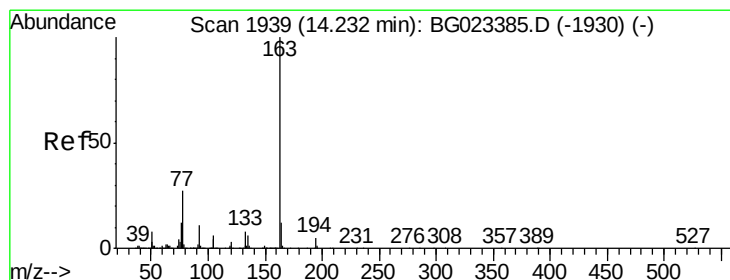
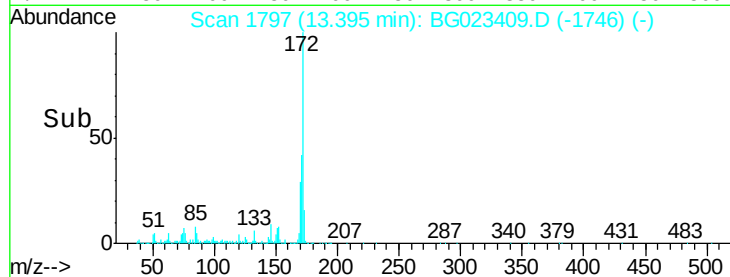
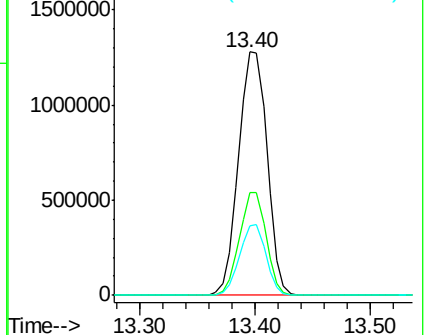
170 28.8 21.3 31.9



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



#49

Dimethylphthalate

Concen: 3.80 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023409.D

Acq: 2 Aug 2016 23:41

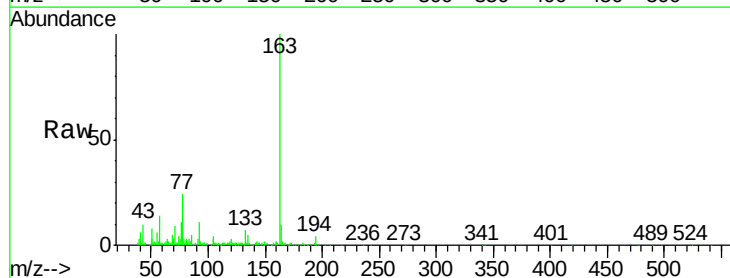
Tgt Ion:163 Resp: 136042

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

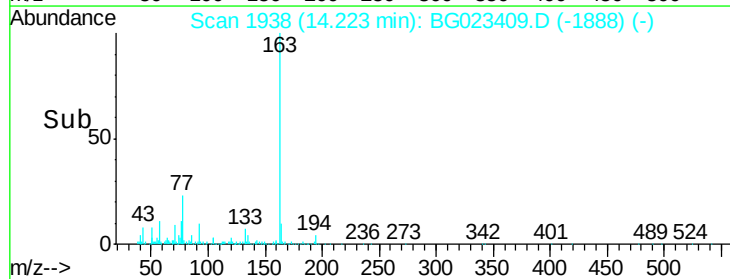
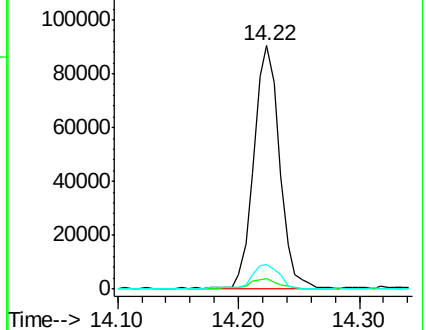
164 10.3 8.1 12.1

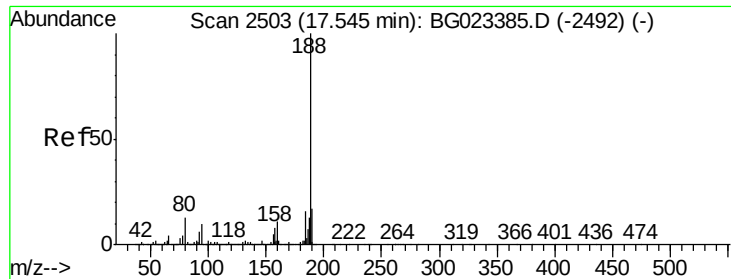


Abundance Ion 163.00 (162.70 to 163.70): E

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: 17.54 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG023409.D

Acq: 2 Aug 2016 23:41

Instrument :

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ClientSampleId :

GW-29-5.9-15.0RE

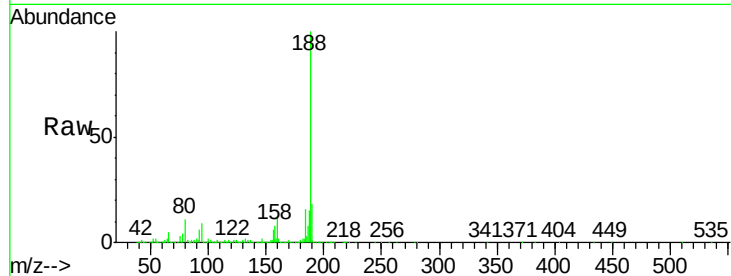
Tgt Ion:188 Resp: 1182818

Ion Ratio Lower Upper

188 100

94 9.3 5.2 7.8#

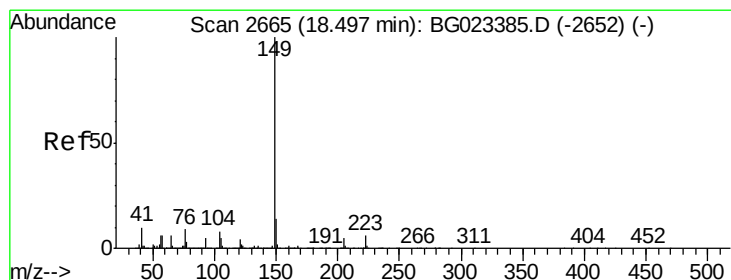
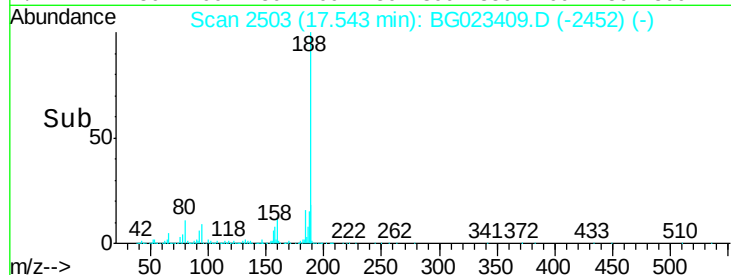
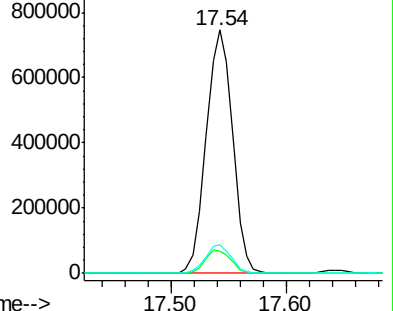
80 11.5 7.2 10.8#



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: 18.49 min Scan# 2664

Delta R.T. -0.01 min

Lab File: BG023409.D

Acq: 2 Aug 2016 23:41

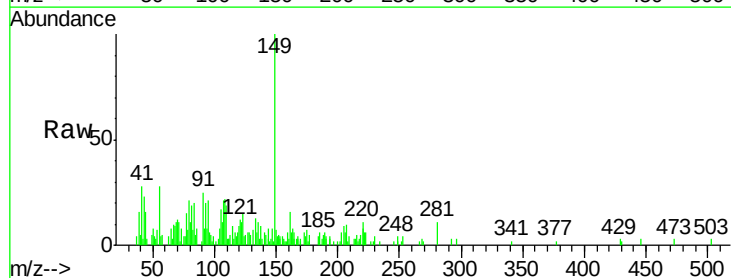
Tgt Ion:149 Resp: 11738

Ion Ratio Lower Upper

149 100

150 6.5 9.1 13.7#

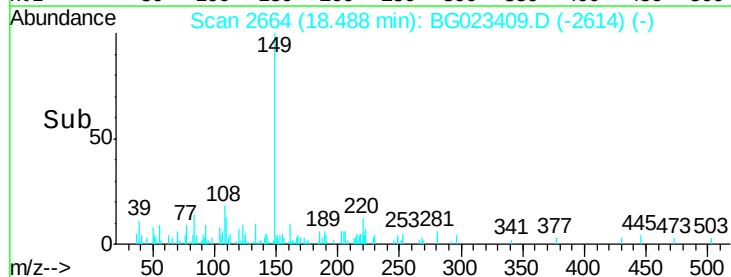
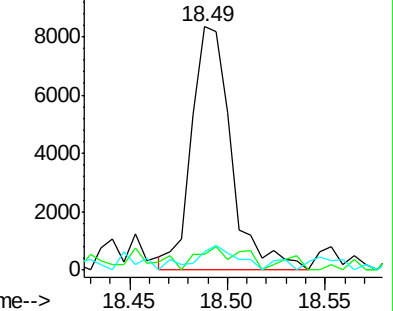
104 7.6 6.9 10.3

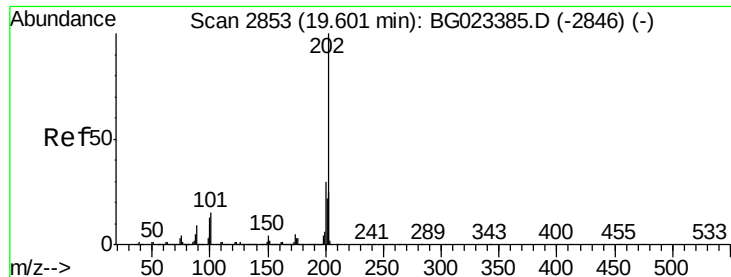


Abundance Ion 149.00 (148.70 to 149.70): E

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: BG023409.D

Acq: 2 Aug 2016 23:41

Instrument :

BNA_G

ClientSampleId :

GW-29-5.9-15.0RE

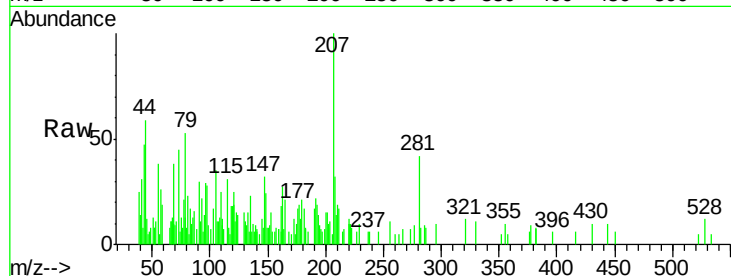
Tgt Ion: 202 Resp: 897

Ion Ratio Lower Upper

202 100

101 34.9 0.0 27.4#

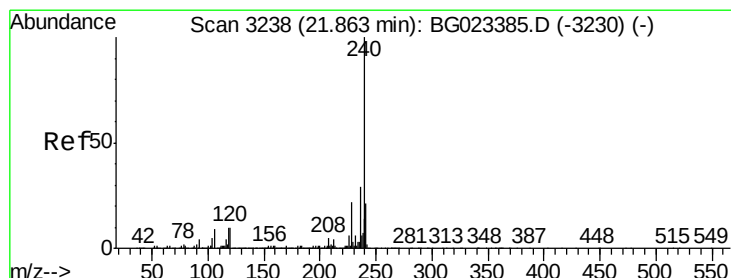
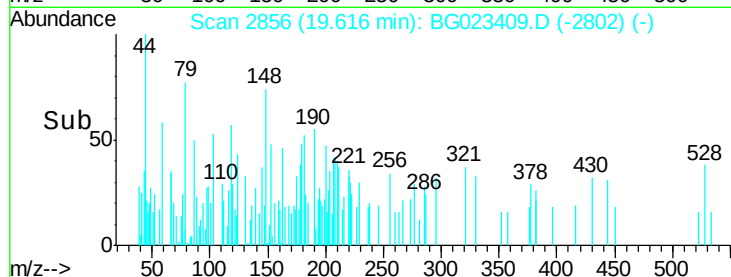
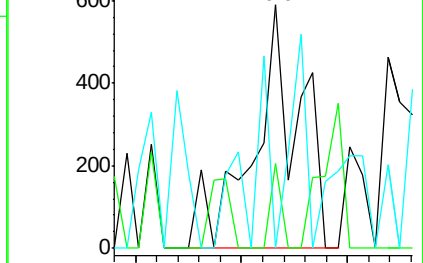
203 0.0 1.7 41.7#



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: BG023409.D

Acq: 2 Aug 2016 23:41

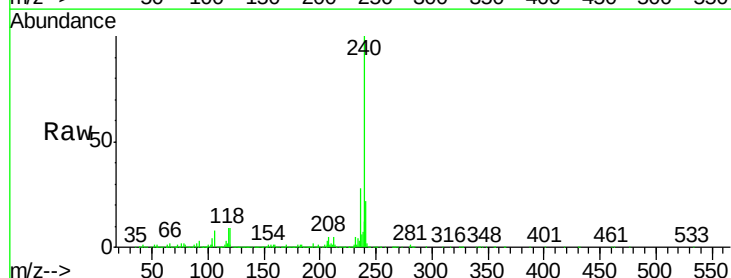
Tgt Ion: 240 Resp: 1095406

Ion Ratio Lower Upper

240 100

120 8.9 4.1 6.1#

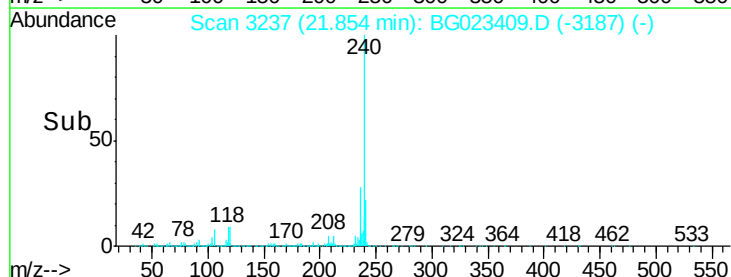
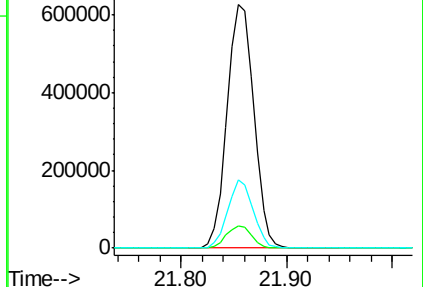
236 28.1 21.1 31.7

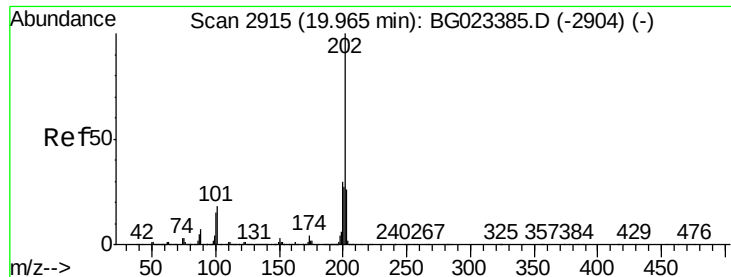


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

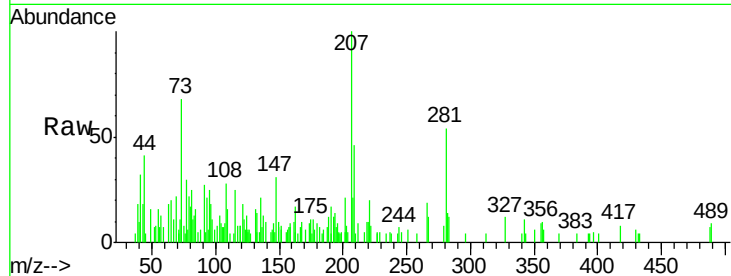




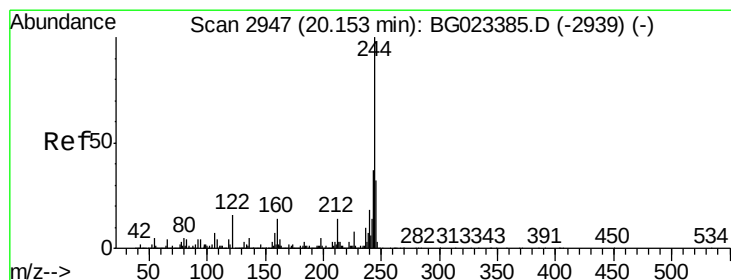
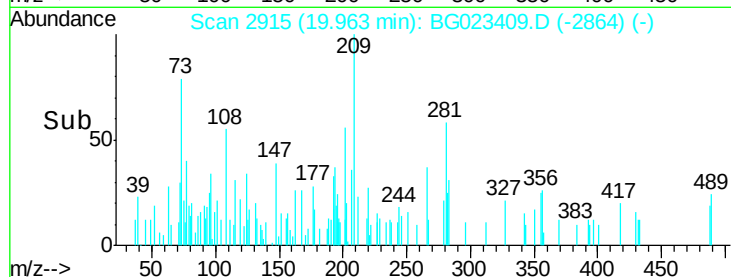
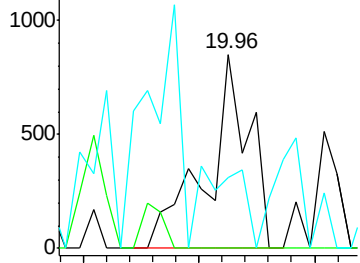
#77
 Pyrene
 Concen: Below Cal
 RT: 19.96 min Scan# 2915
 Delta R.T. -0.00 min
 Lab File: BG023409.D
 Acq: 2 Aug 2016 23:41

Instrument :
 BNA_G
 ClientSampleId :
 GW-29-5.9-15.0RE

Tgt Ion: 202 Resp: 1076
 Ion Ratio Lower Upper
 202 100
 200 0.0 21.2 31.8#
 203 36.2 16.8 25.2#

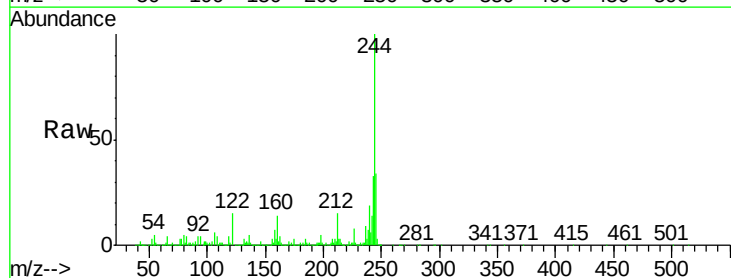


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

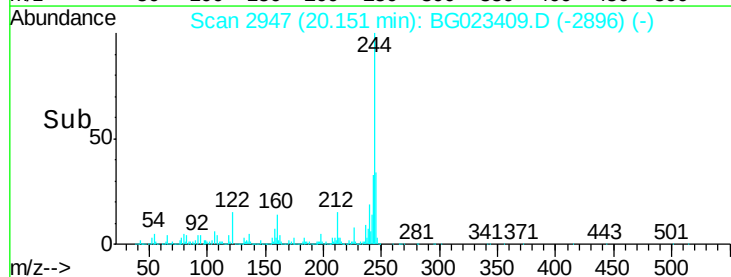
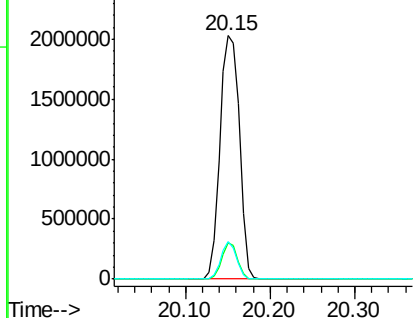


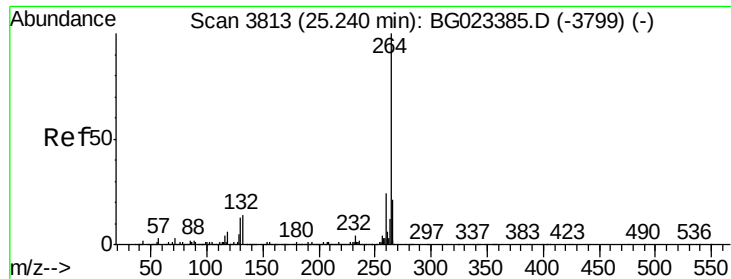
#78
 Terphenyl-d14
 Concen: 95.92 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BG023409.D
 Acq: 2 Aug 2016 23:41

Tgt Ion: 244 Resp: 3271480
 Ion Ratio Lower Upper
 244 100
 212 14.9 10.8 16.2
 122 15.2 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





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3812
Delta R.T. -0.01 min
Lab File: BG023409.D
Acq: 2 Aug 2016 23:41

Instrument :
BNA_G
ClientSampleId :
GW-29-5.9-15.0RE

Tgt Ion:264 Resp: 1124998

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	23.1	18.9	28.3

