

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023899.D
 Acq On : 25 Aug 2016 18:34
 Operator : UM/SJ
 Sample : H4592-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-11

Quant Time: Aug 26 01:32:38 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

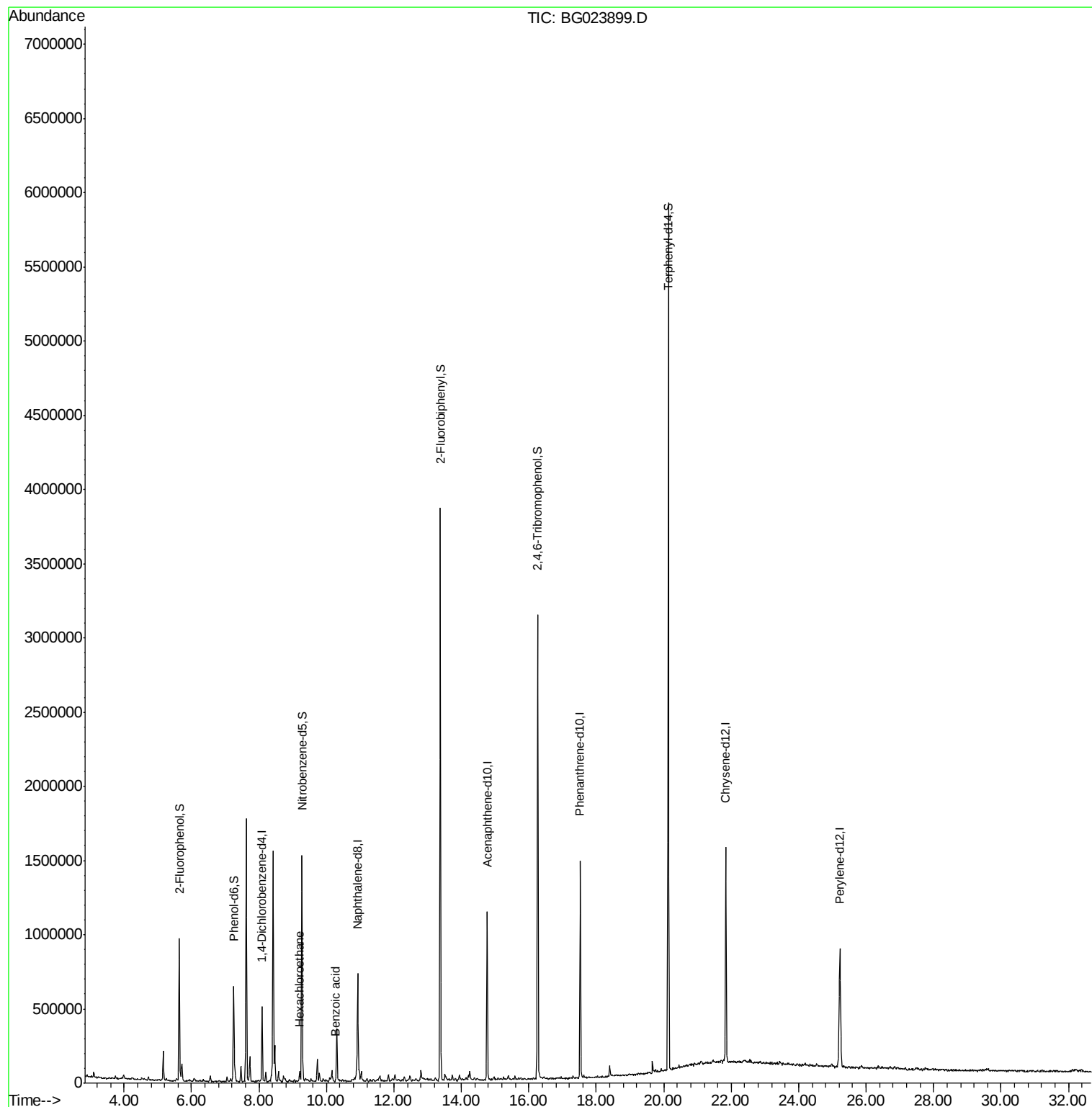
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	135781	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	583738	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	381533	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	845209	20.00	ng	0.00
75) Chrysene-d12	21.84	240	889589	20.00	ng	0.00
86) Perylene-d12	25.22	264	869946	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	401421	49.76	ng	0.00
7) Phenol-d6	7.25	99	387424	30.84	ng	0.00
23) Nitrobenzene-d5	9.27	82	905017	77.08	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	528510	94.70	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1786481	78.98	ng	0.00
78) Terphenyl-d14	20.14	244	2274742	78.57	ng	0.00
Target Compounds						
9) Benzaldehyde	7.22	77	2556	Below Cal	#	1
18) Hexachloroethane	9.21	117	21289	5.21 ng	#	19
32) Benzoic acid	10.26	122	146	6.46 ng	#	55
73) Di-n-butylphthalate	18.47	149	2822	Below Cal	#	73
74) Fluoranthene	19.58	202	757	Below Cal	#	83
77) Pyrene	19.95	202	1274	Below Cal	#	61

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

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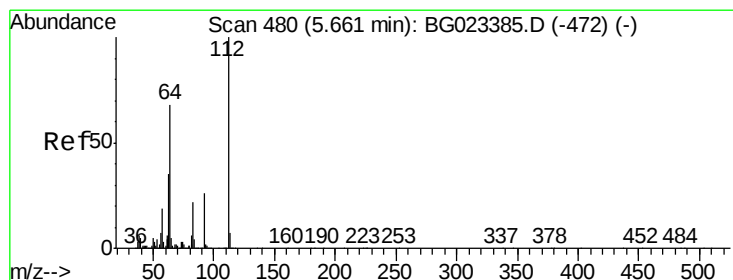
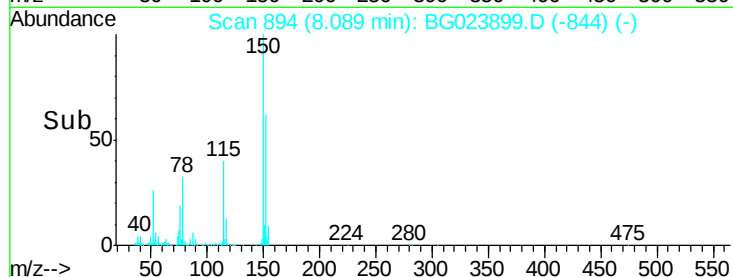
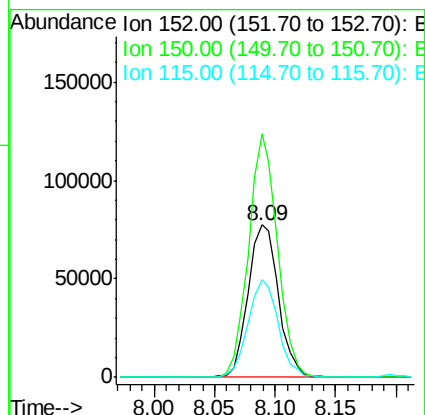
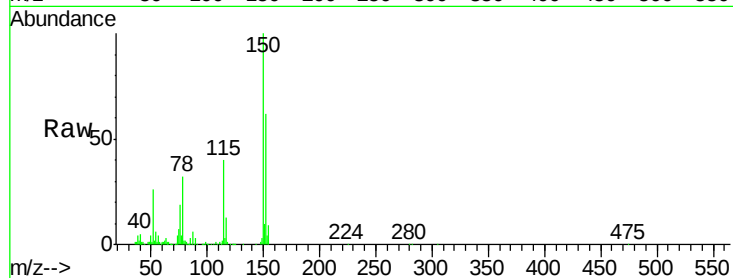


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG023899.D
Acq: 25 Aug 2016 18:34

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MW-11

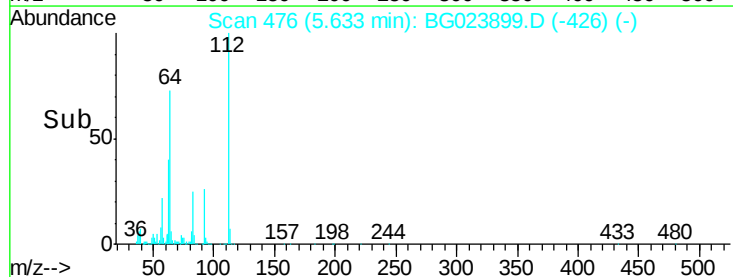
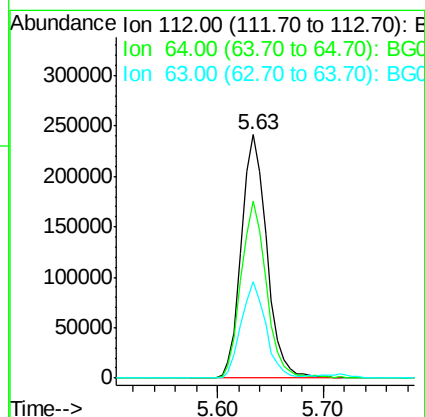
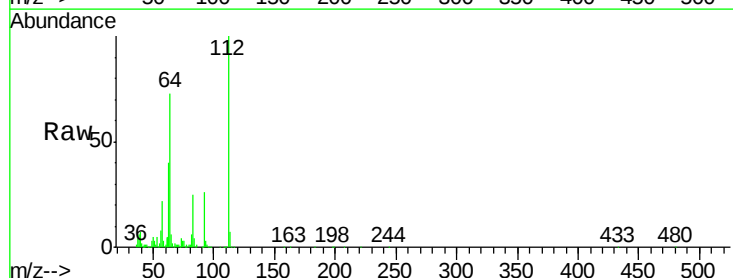
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.0	144.7	217.1
115	64.5	64.0	96.0

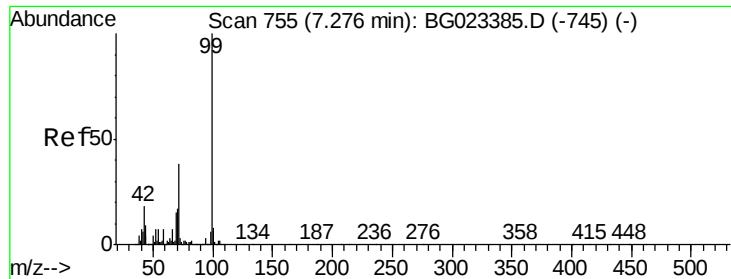


#5

2-Fluorophenol
Concen: 49.76 ng
RT: 5.63 min Scan# 476
Delta R.T. -0.01 min
Lab File: BG023899.D
Acq: 25 Aug 2016 18:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	59.0	88.4
63	39.7	37.8	56.8





#7

Phenol-d6

Concen: 30.84 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG023899.D

Acq: 25 Aug 2016 18:34

Instrument :

BNA_G

ClientSampled :

MW-11

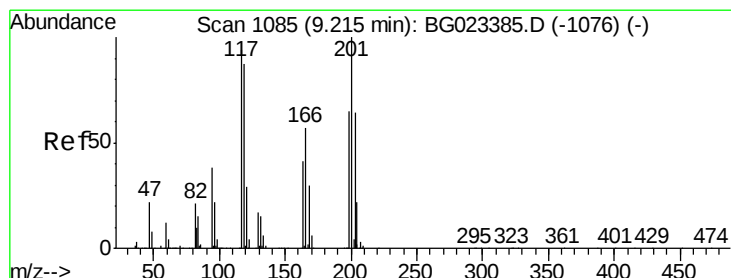
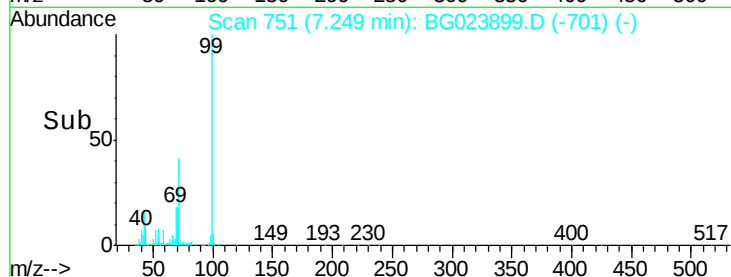
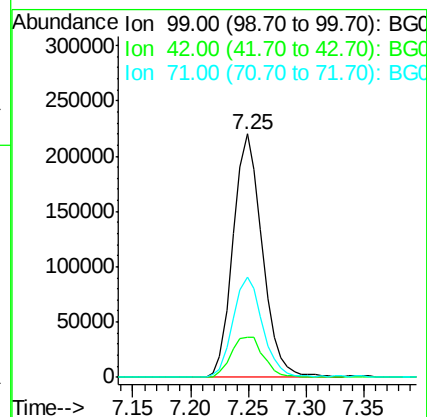
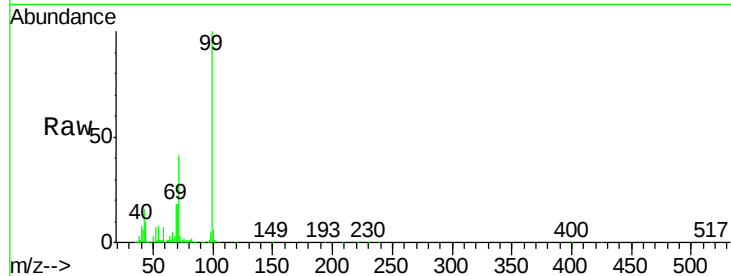
Tgt Ion: 99 Resp: 387424

Ion Ratio Lower Upper

99 100

42 16.4 17.8 26.6#

71 41.4 41.5 62.3#



#18

Hexachloroethane

Concen: 5.21 ng

RT: 9.21 min Scan# 1084

Delta R.T. 0.02 min

Lab File: BG023899.D

Acq: 25 Aug 2016 18:34

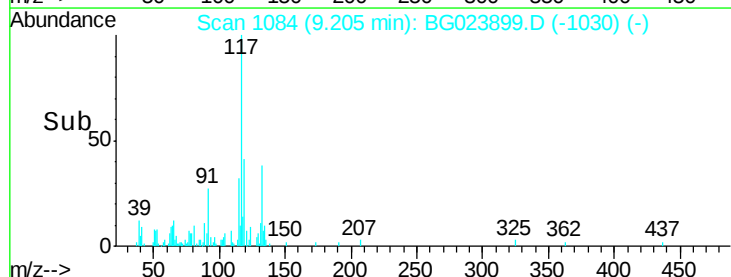
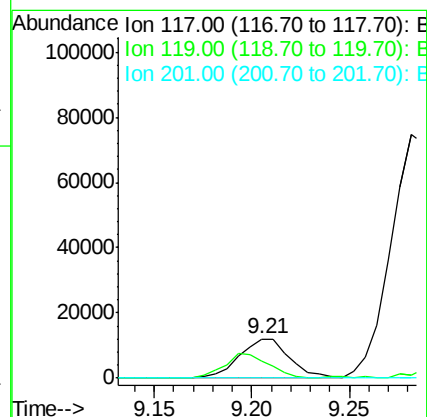
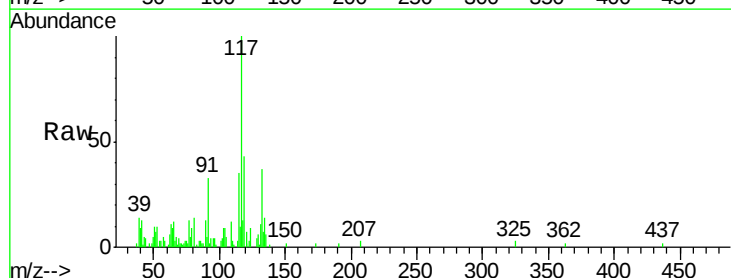
Tgt Ion: 117 Resp: 21289

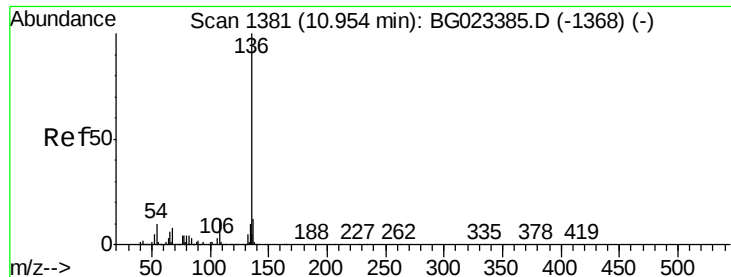
Ion Ratio Lower Upper

117 100

119 42.8 73.7 110.5#

201 0.0 88.7 133.1#

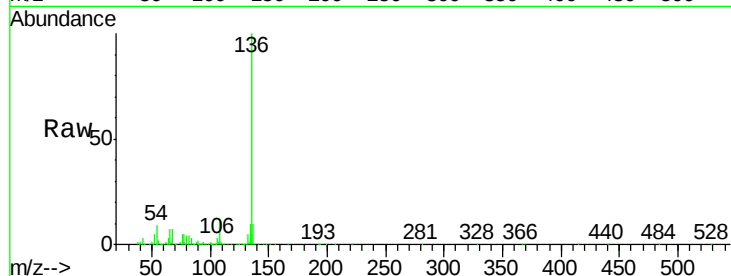




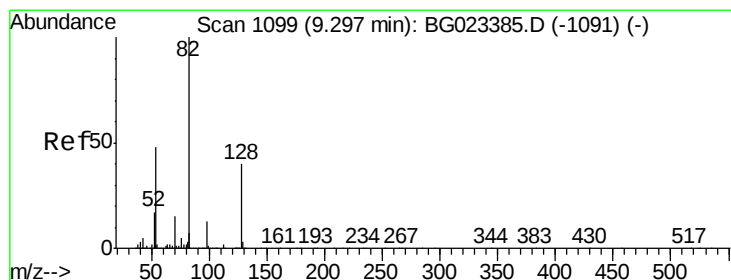
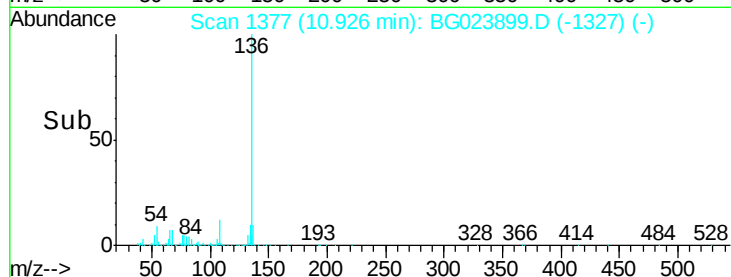
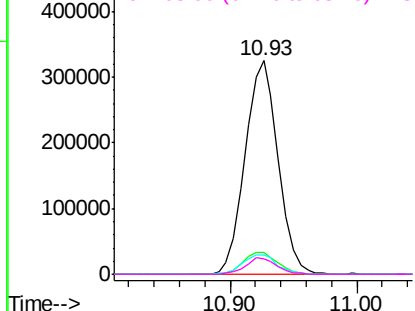
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG023899.D
Acq: 25 Aug 2016 18:34

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion:	136	Resp:	583738
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	9.2	7.3	10.9
68	7.1	5.3	7.9

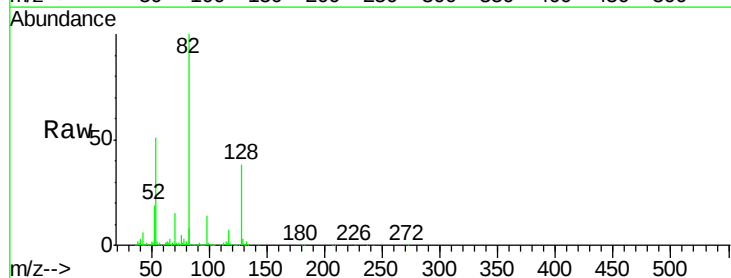


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

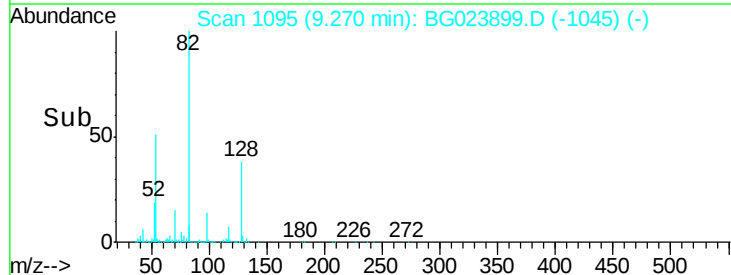
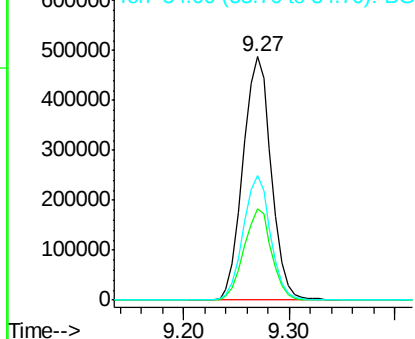


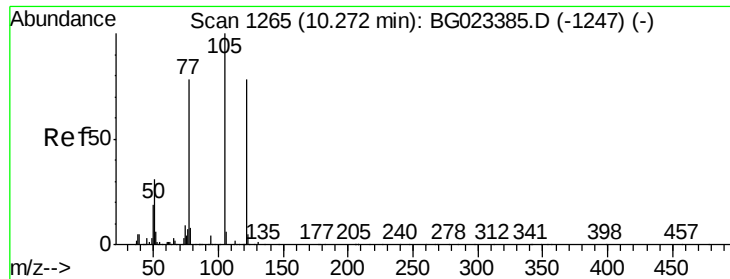
#23
Nitrobenzene-d5
Concen: 77.08 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BG023899.D
Acq: 25 Aug 2016 18:34

Tgt Ion:	82	Resp:	905017
Ion	Ratio	Lower	Upper
82	100		
128	37.7	24.4	36.6#
54	51.2	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: 10.26 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BG023899.D

Acq: 25 Aug 2016 18:34

Instrument :

BNA_G

ClientSampled :

MW-11

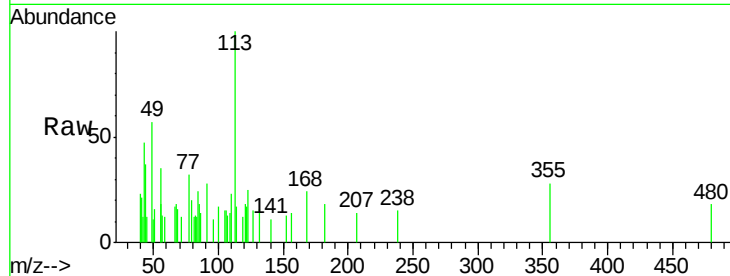
Tgt Ion:122 Resp: 146

Ion Ratio Lower Upper

122 100

105 90.9 117.2 157.2#

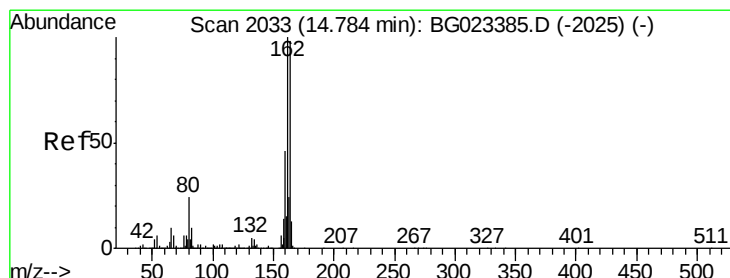
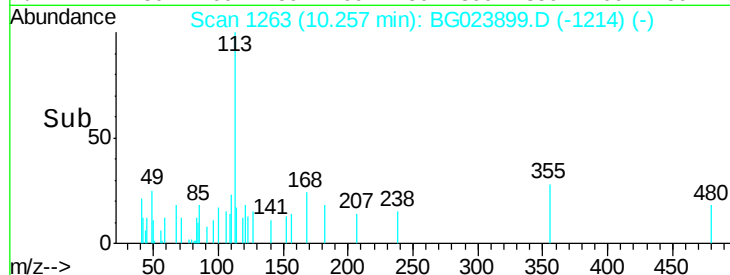
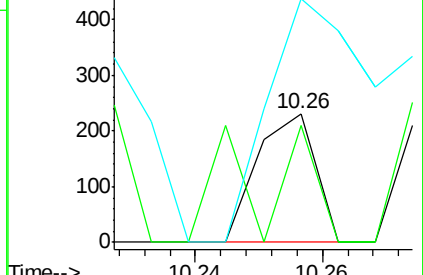
77 189.2 109.2 149.2#



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. -0.01 min

Lab File: BG023899.D

Acq: 25 Aug 2016 18:34

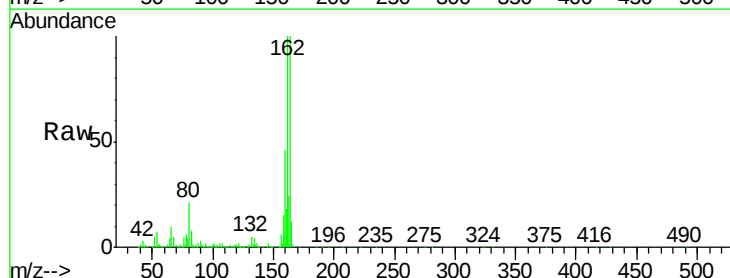
Tgt Ion:164 Resp: 381533

Ion Ratio Lower Upper

164 100

162 100.1 87.7 131.5

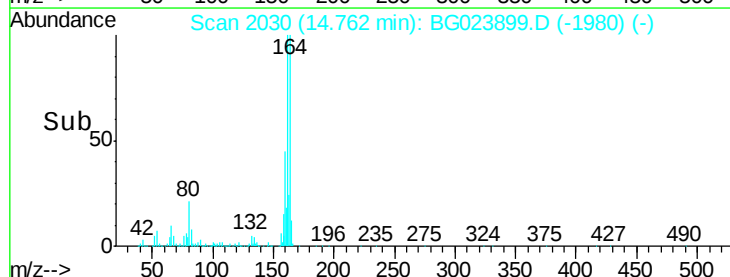
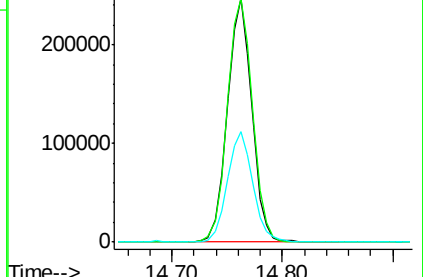
160 45.6 37.2 55.8

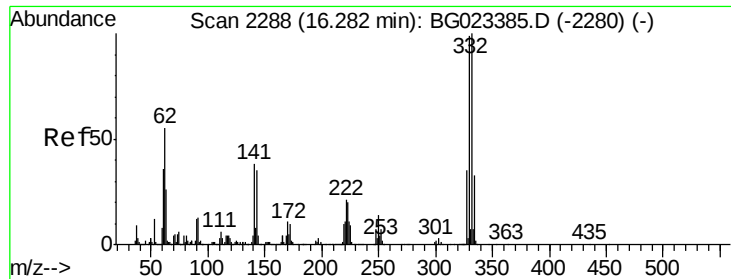


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

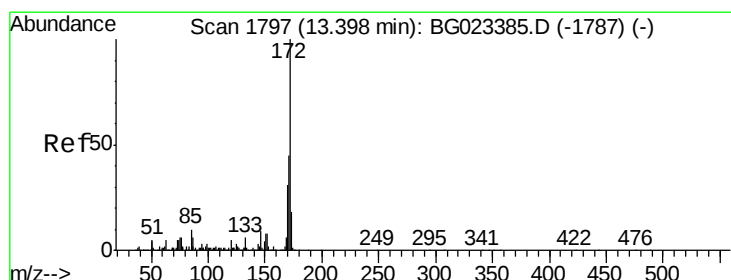
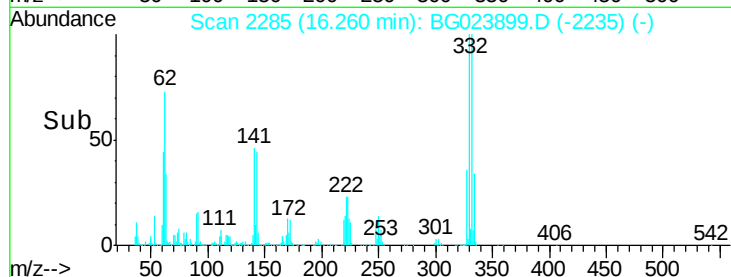
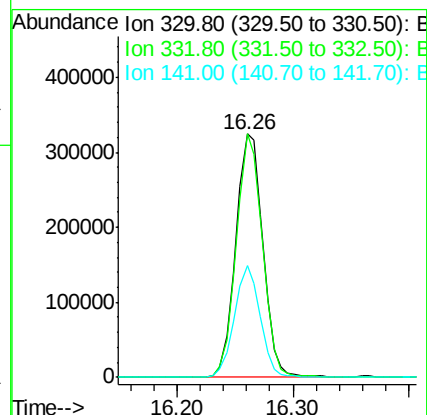
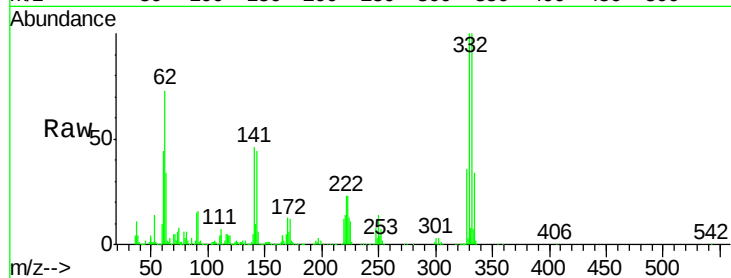




#41
 2,4,6-Tribromophenol
 Concen: 94.70 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BG023899.D
 Acq: 25 Aug 2016 18:34

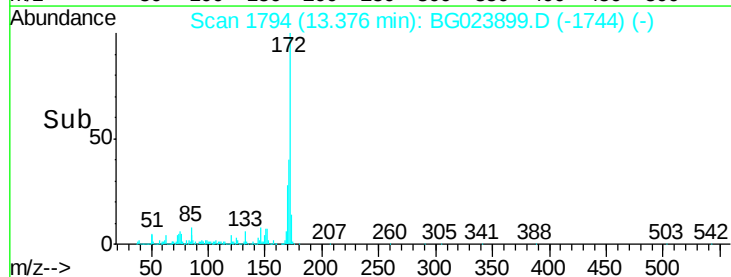
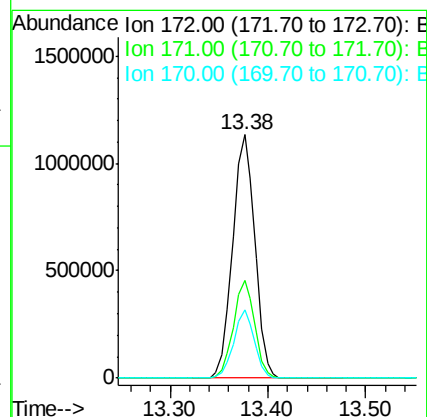
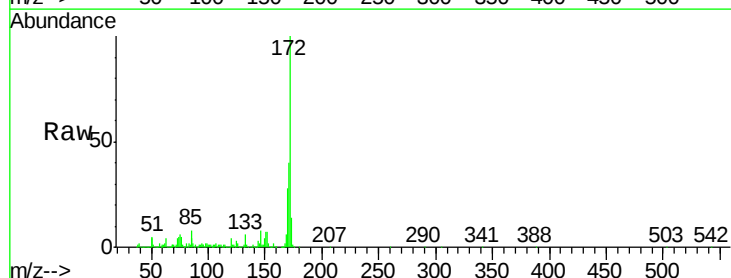
Instrument :
 BNA_G
 ClientSampleId :
 MW-11

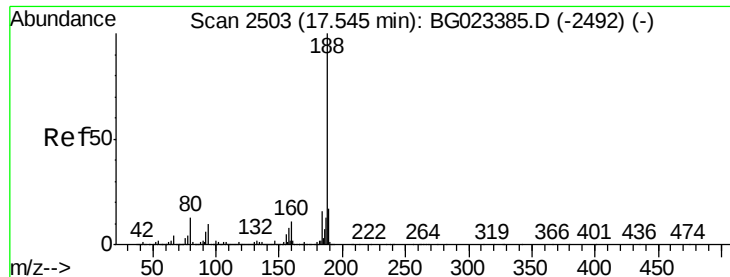
Tgt Ion:330 Resp: 528510
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 43.6 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 78.98 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG023899.D
 Acq: 25 Aug 2016 18:34

Tgt Ion:172 Resp: 1786481
 Ion Ratio Lower Upper
 172 100
 171 40.1 31.6 47.4
 170 27.8 21.3 31.9

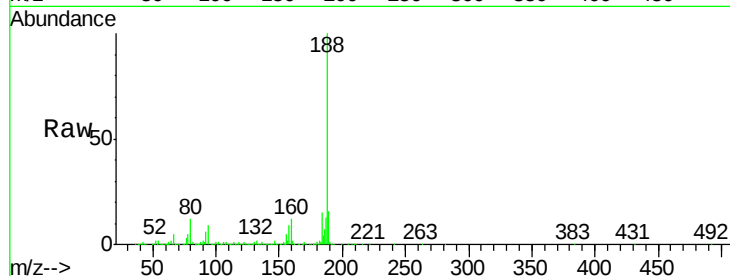




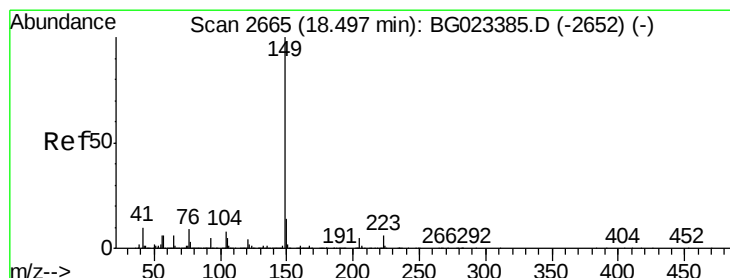
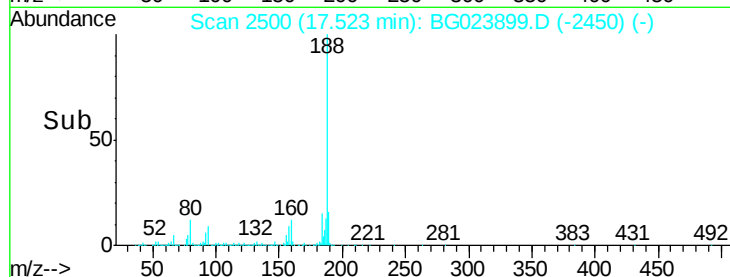
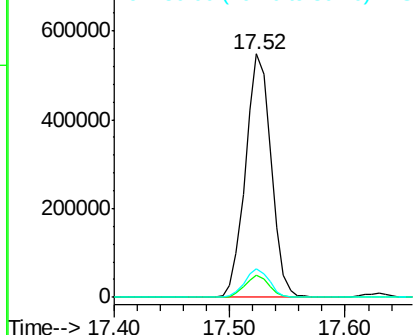
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.52 min Scan# 2500
Delta R.T. -0.01 min
Lab File: BG023899.D
Acq: 25 Aug 2016 18:34

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion:188 Resp: 845209
Ion Ratio Lower Upper
188 100
94 9.0 5.2 7.8#
80 11.6 7.2 10.8#

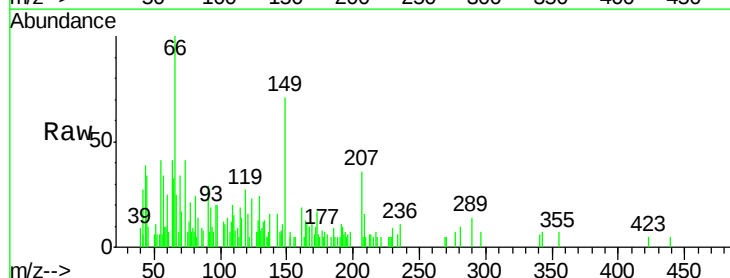


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

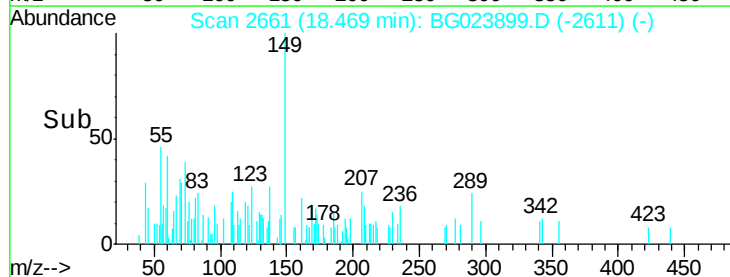
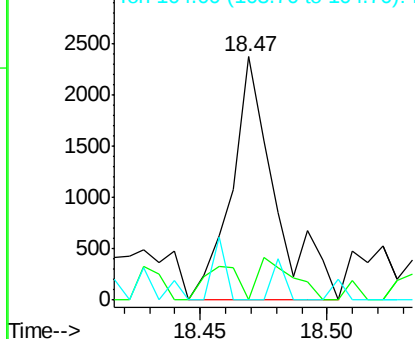


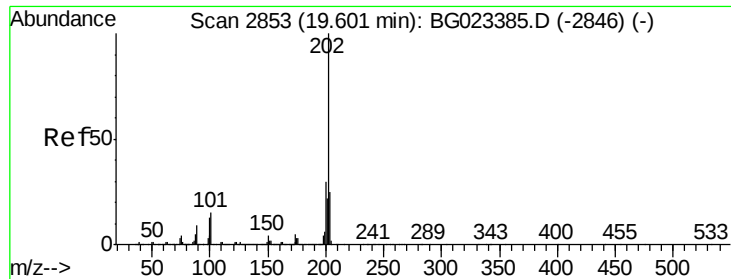
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 18.47 min Scan# 2661
Delta R.T. -0.01 min
Lab File: BG023899.D
Acq: 25 Aug 2016 18:34

Tgt Ion:149 Resp: 2822
Ion Ratio Lower Upper
149 100
150 0.0 9.1 13.7#
104 0.0 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: 19.58 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG023899.D

Acq: 25 Aug 2016 18:34

Instrument :

BNA_G

ClientSampleId :

MW-11

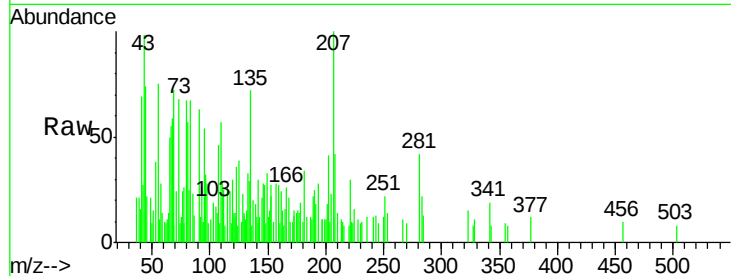
Tgt Ion:202 Resp: 757

Ion Ratio Lower Upper

202 100

101 25.4 0.0 27.4

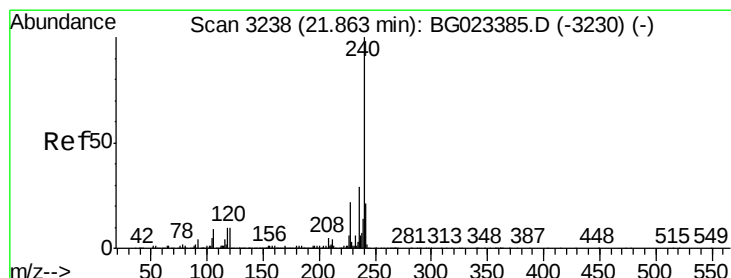
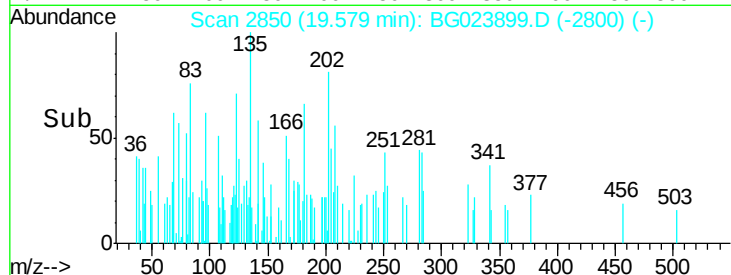
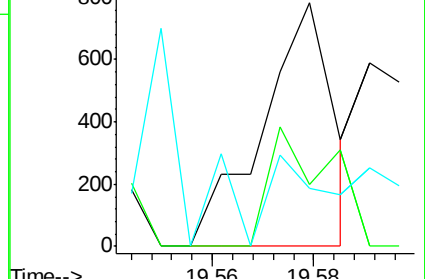
203 24.0 1.7 41.7



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: 21.84 min Scan# 3235

Delta R.T. -0.01 min

Lab File: BG023899.D

Acq: 25 Aug 2016 18:34

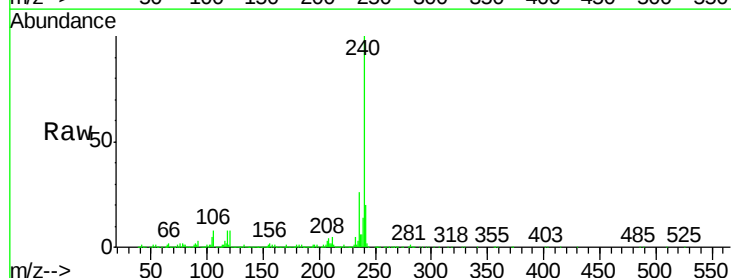
Tgt Ion:240 Resp: 889589

Ion Ratio Lower Upper

240 100

120 8.4 4.1 6.1#

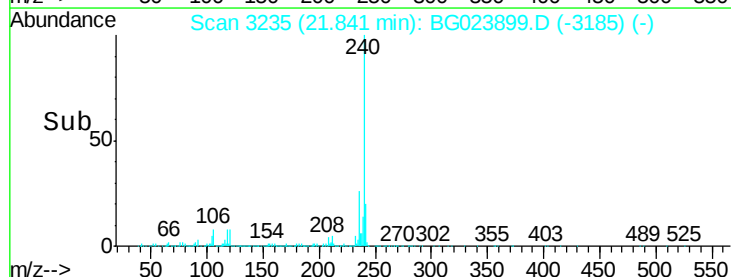
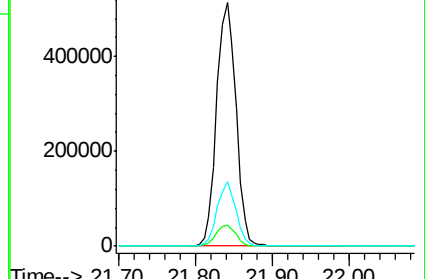
236 26.3 21.1 31.7

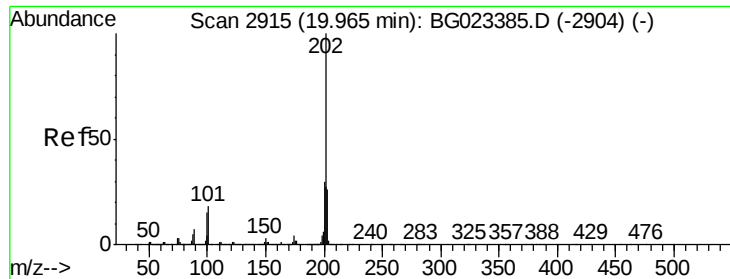


Abundance Ion 240.00 (239.70 to 240.70): E

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: BG023899.D

Acq: 25 Aug 2016 18:34

Instrument :

BNA_G

ClientSampleId :

MW-11

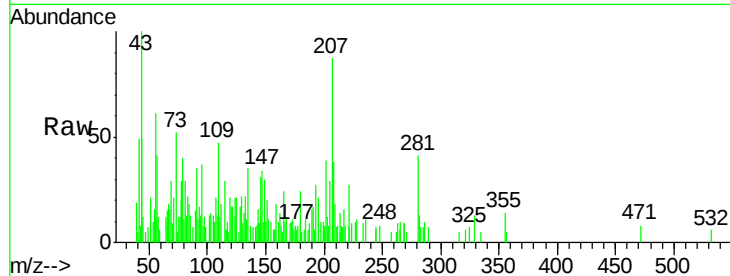
Tgt Ion:202 Resp: 1274

Ion Ratio Lower Upper

202 100

200 37.7 21.2 31.8#

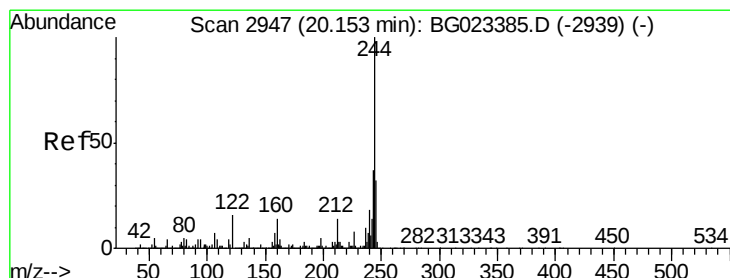
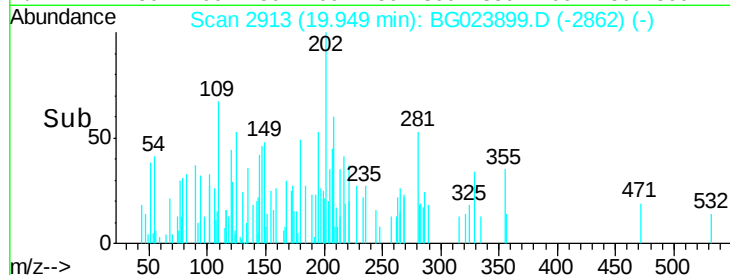
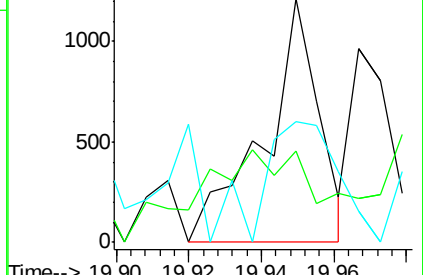
203 49.5 16.8 25.2#



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: 78.57 ng

RT: 20.14 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BG023899.D

Acq: 25 Aug 2016 18:34

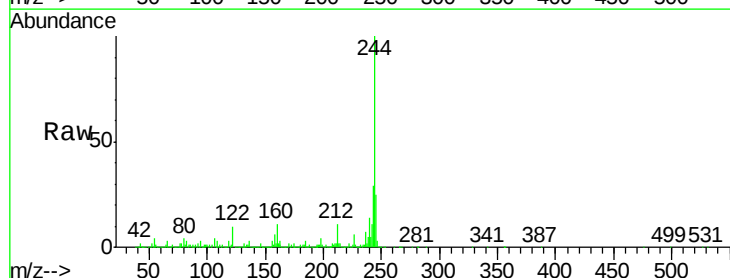
Tgt Ion:244 Resp: 2274742

Ion Ratio Lower Upper

244 100

212 11.5 10.8 16.2

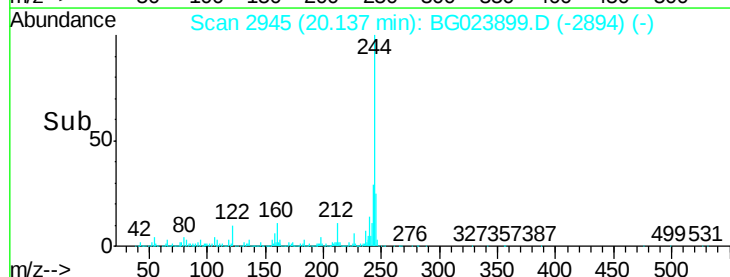
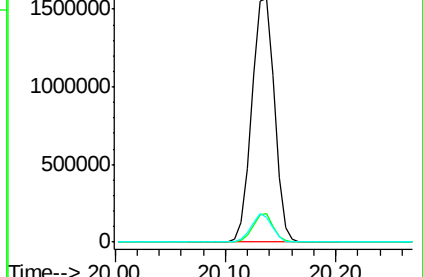
122 10.4 8.0 12.0

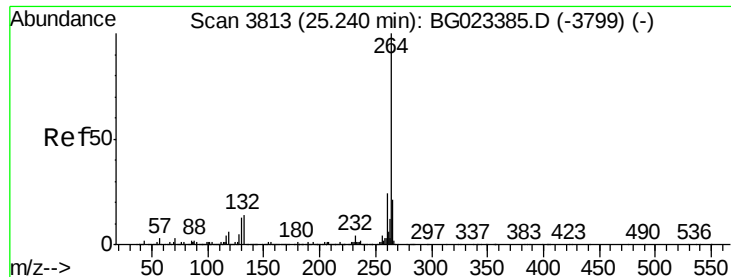


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.22 min Scan# 3810
Delta R.T. -0.01 min
Lab File: BG023899.D
Acq: 25 Aug 2016 18:34

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	22.0	18.9	28.3

