

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
 Data File : BG023883.D
 Acq On : 24 Aug 2016 12:09
 Operator : UM/SJ
 Sample : PB93011TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93011TB

Quant Time: Aug 24 17:48:00 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	147533	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	587022	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	360712	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	823900	20.00	ng	0.00
75) Chrysene-d12	21.84	240	933562	20.00	ng	0.00
86) Perylene-d12	25.22	264	926582	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	832893	95.03	ng	0.00
7) Phenol-d6	7.25	99	1179300	86.39	ng	0.00
23) Nitrobenzene-d5	9.27	82	799868	67.74	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	418784	79.37	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1540352	72.03	ng	0.00
78) Terphenyl-d14	20.14	244	2096890	66.01	ng	0.00

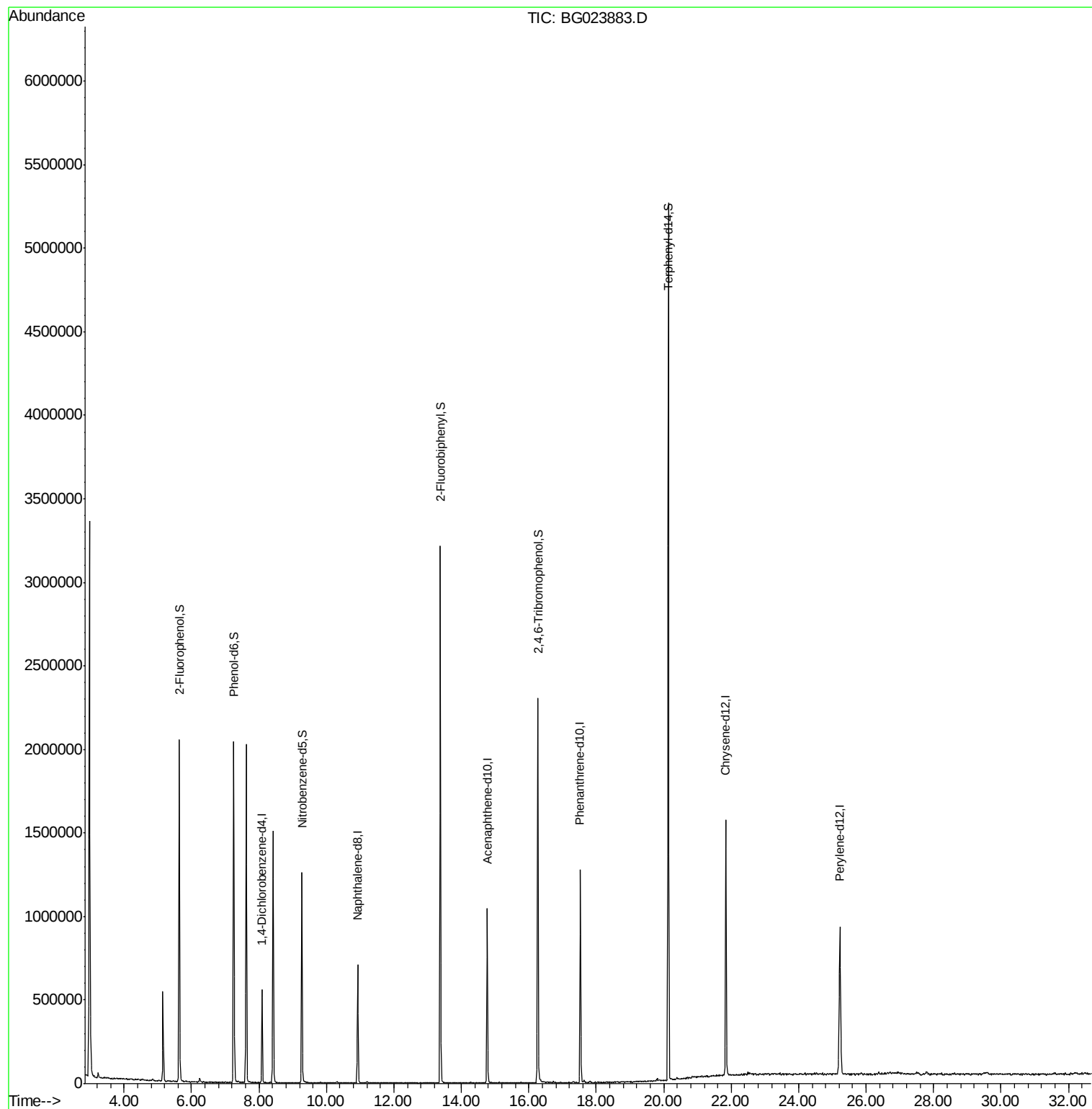
Target Compounds Qvalue

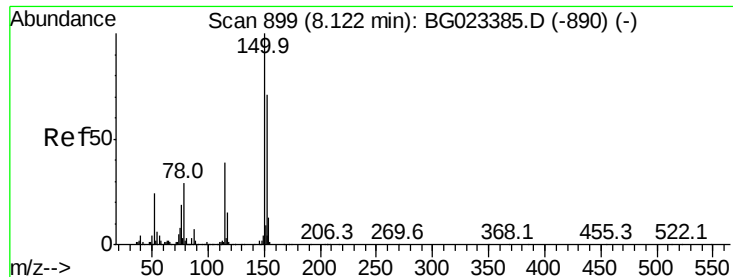
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023883.D

Acq: 24 Aug 2016 12:09

Instrument :

BNA_G

ClientSampleId :

PB93011TB

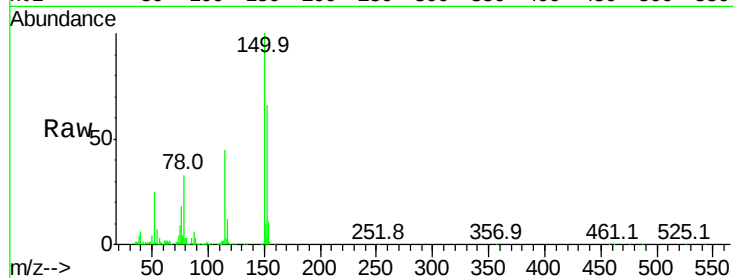
Tot Ion:152 Resp: 147533

Ion Ratio Lower Upper

152 100

150 151.2 144.7 217.1

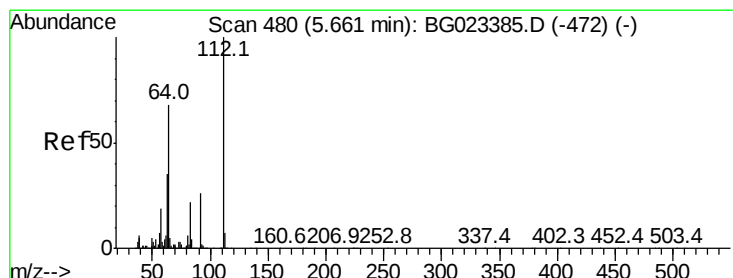
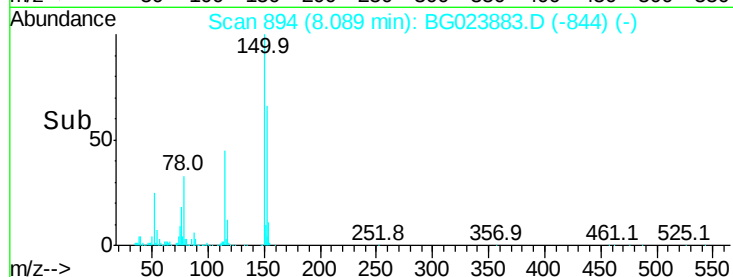
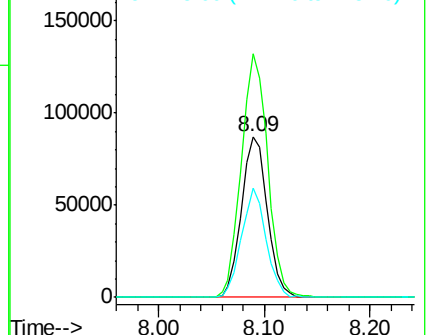
115 67.7 64.0 96.0



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: 95.03 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.01 min

Lab File: BG023883.D

Acq: 24 Aug 2016 12:09

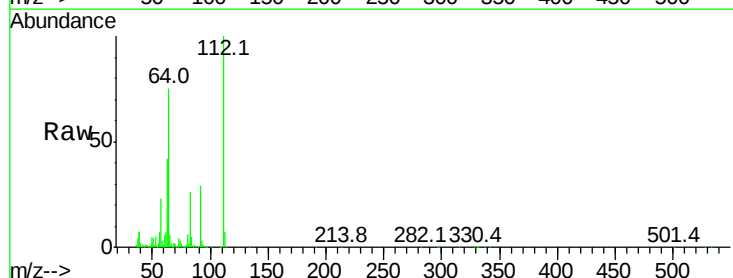
Tgt Ion:112 Resp: 832893

Ion Ratio Lower Upper

112 100

64 75.1 59.0 88.4

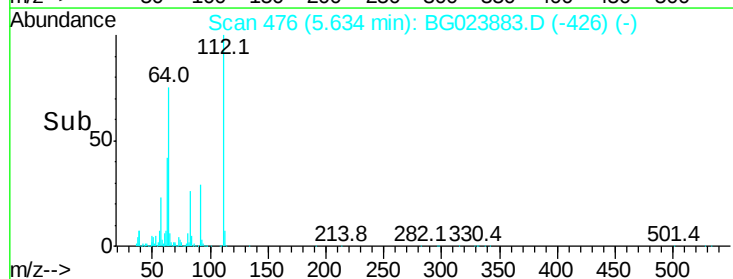
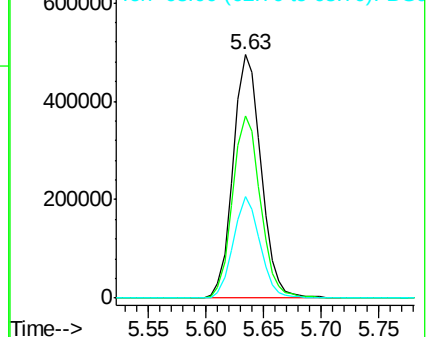
63 41.6 37.8 56.8

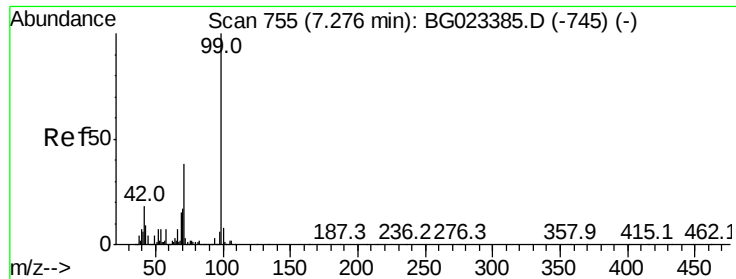


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 86.39 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG023883.D

Acq: 24 Aug 2016 12:09

Instrument :

BNA_G

ClientSampleId :

PB93011TB

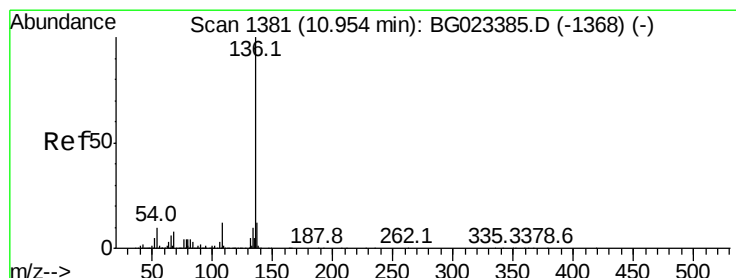
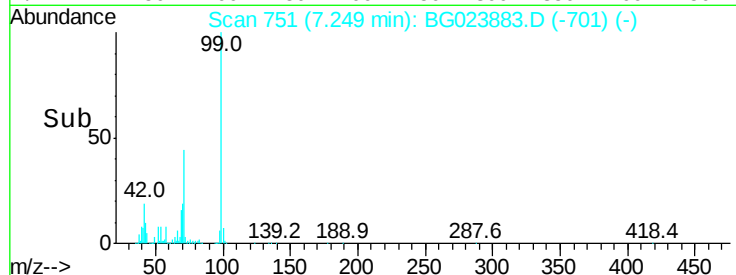
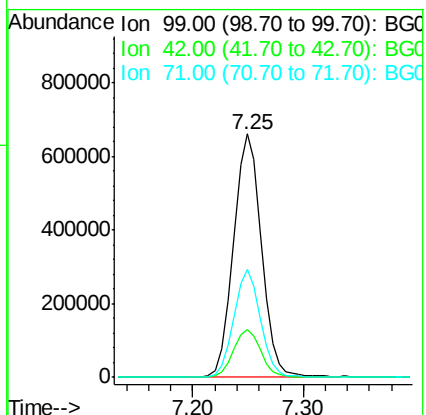
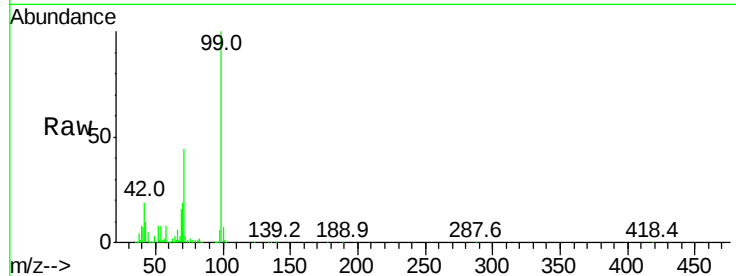
Tot Ion: 99 Resp: 1179300

Ion Ratio Lower Upper

99 100

42 19.4 17.8 26.6

71 44.3 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BG023883.D

Acq: 24 Aug 2016 12:09

Tgt Ion: 136 Resp: 587022

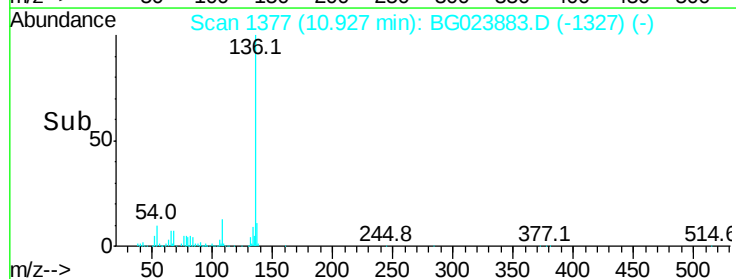
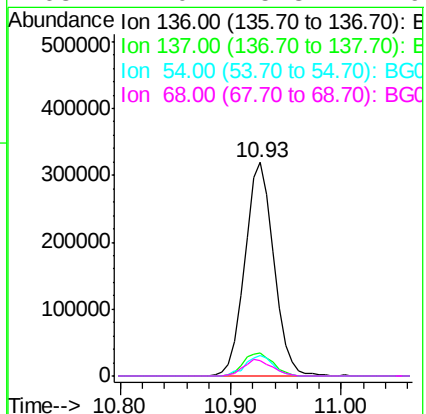
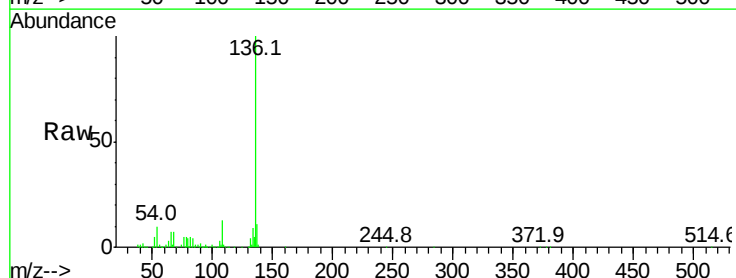
Ion Ratio Lower Upper

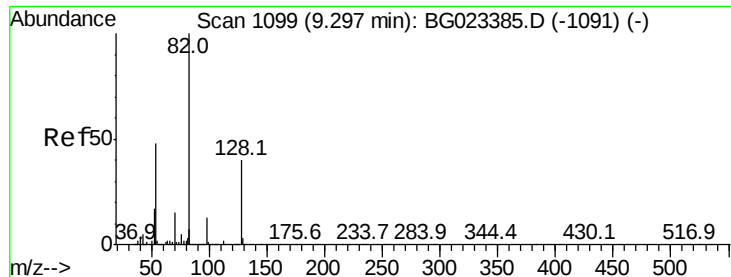
136 100

137 10.7 9.6 14.4

54 9.6 7.3 10.9

68 7.0 5.3 7.9

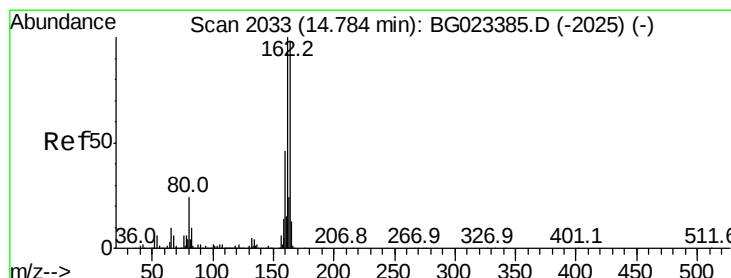
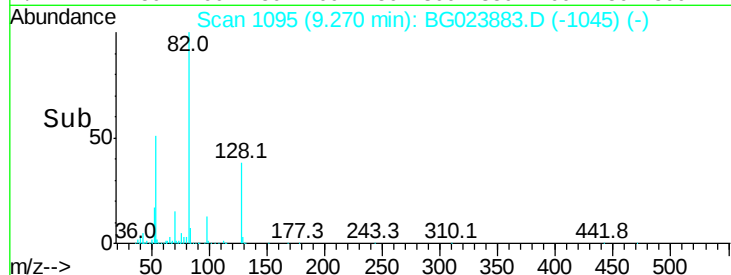
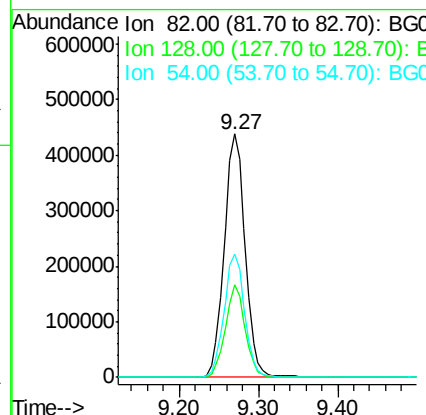
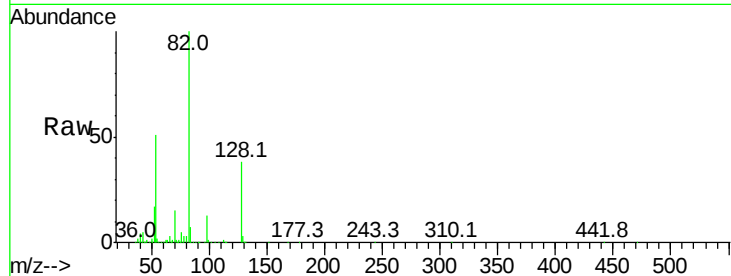




#23
 Nitrobenzene-d5
 Concen: 67.74 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BG023883.D
 Acq: 24 Aug 2016 12:09

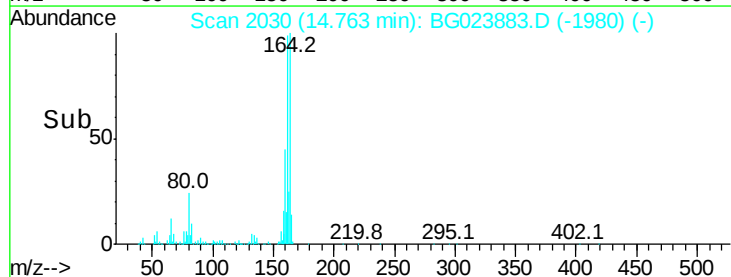
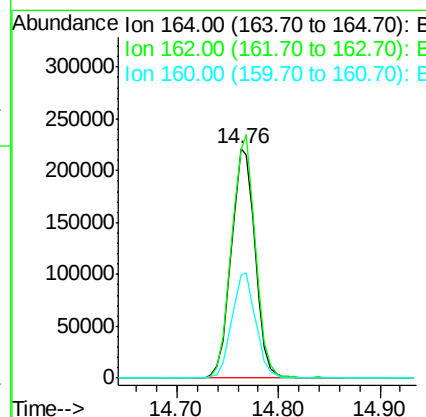
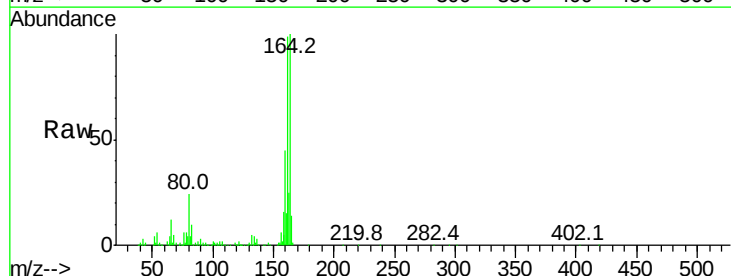
Instrument :
 BNA_G
 ClientSampleId :
 PB93011TB

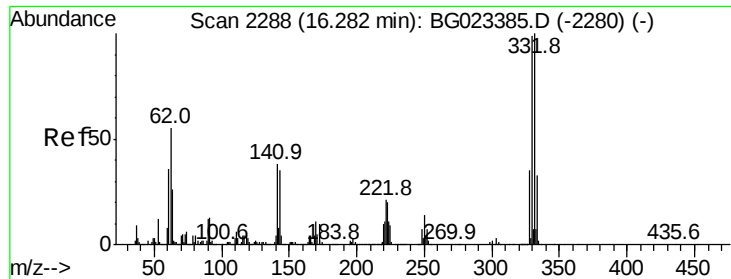
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.8	24.4	36.6#
54	50.5	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BG023883.D
 Acq: 24 Aug 2016 12:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	87.7	131.5
160	44.5	37.2	55.8

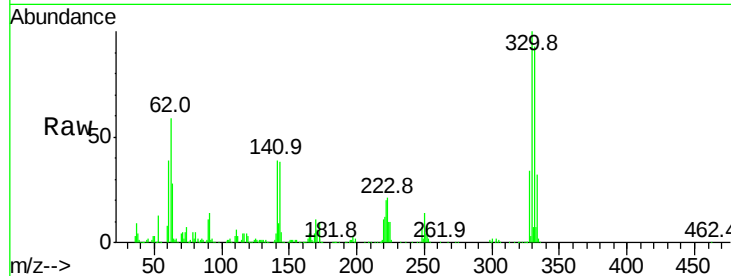




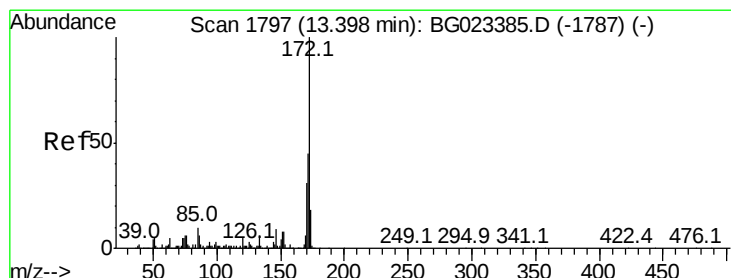
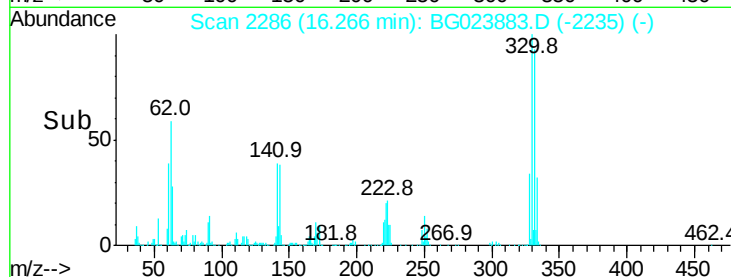
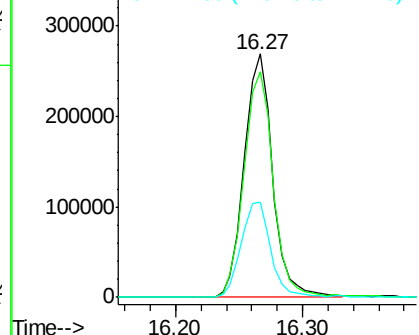
#41
 2,4,6-Tribromophenol
 Concen: 79.37 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. 0.00 min
 Lab File: BG023883.D
 Acq: 24 Aug 2016 12:09

Instrument :
 BNA_G
 ClientSampleId :
 PB93011TB

Tot Ion:330 Resp: 418784
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.4 116.2
 141 40.9 31.7 47.5

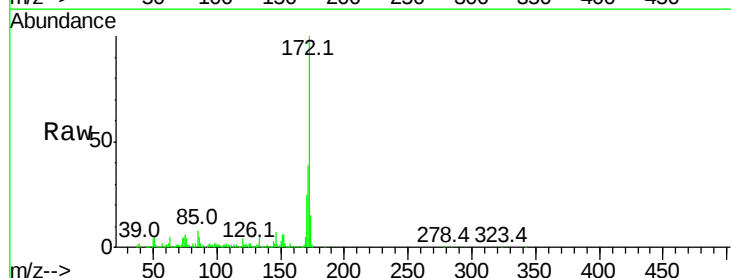


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

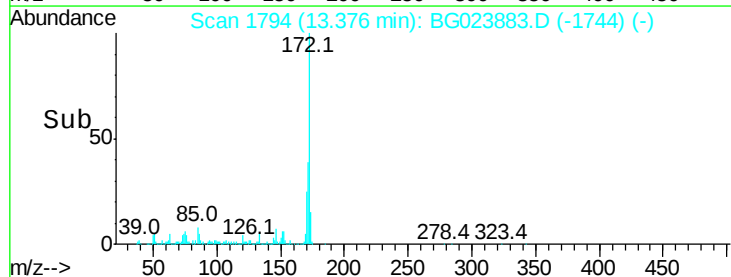
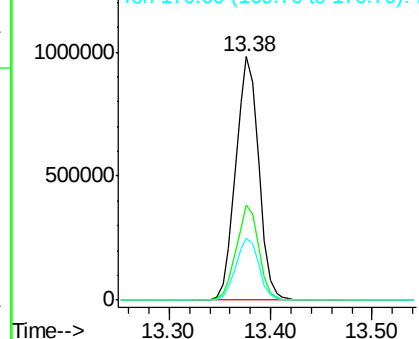


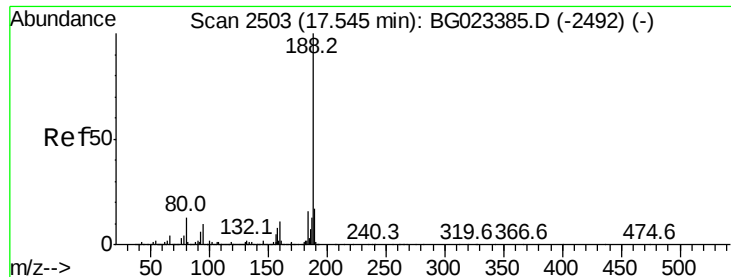
#44
 2-Fluorobiphenyl
 Concen: 72.03 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG023883.D
 Acq: 24 Aug 2016 12:09

Tgt Ion:172 Resp: 1540352
 Ion Ratio Lower Upper
 172 100
 171 38.8 31.6 47.4
 170 25.4 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.52 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BG023883.D

Acq: 24 Aug 2016 12:09

Instrument :

BNA_G

ClientSampleId :

PB93011TB

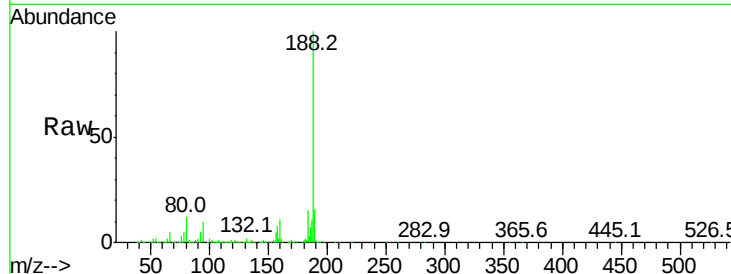
Tot Ion:188 Resp: 823900

Ion Ratio Lower Upper

188 100

94 9.8 5.2 7.8#

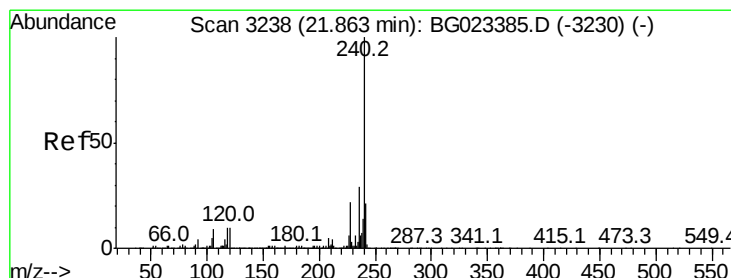
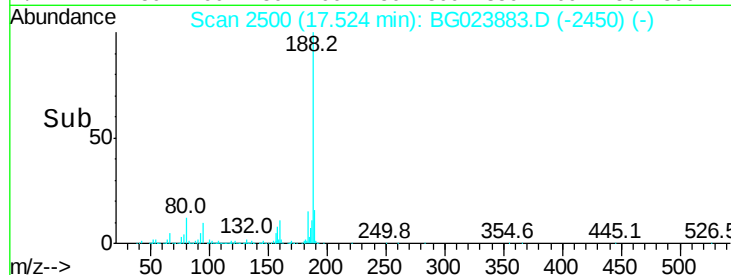
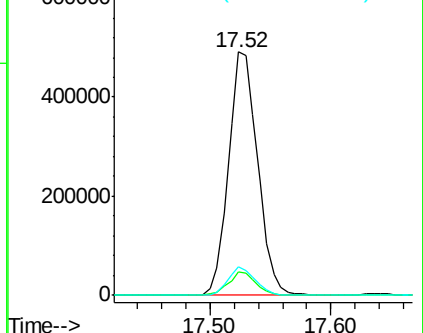
80 11.8 7.2 10.8#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.01 min

Lab File: BG023883.D

Acq: 24 Aug 2016 12:09

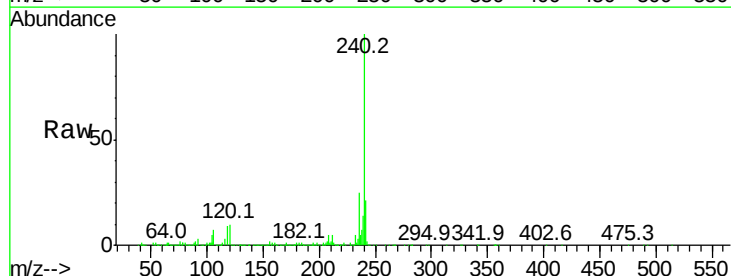
Tgt Ion:240 Resp: 933562

Ion Ratio Lower Upper

240 100

120 9.7 4.1 6.1#

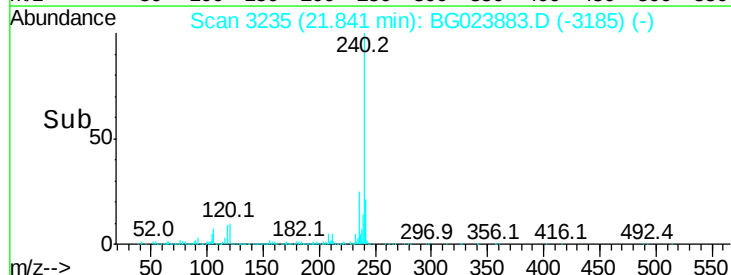
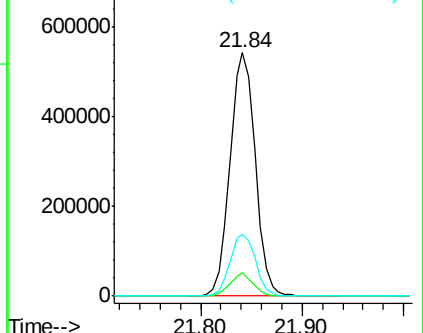
236 25.3 21.1 31.7

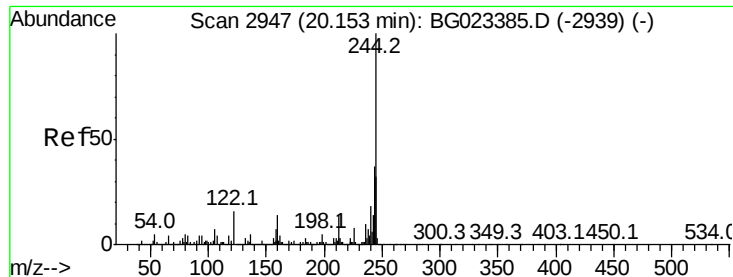


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.01 ng

RT: 20.14 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BG023883.D

Acq: 24 Aug 2016 12:09

Instrument :

BNA_G

ClientSampleId :

PB93011TB

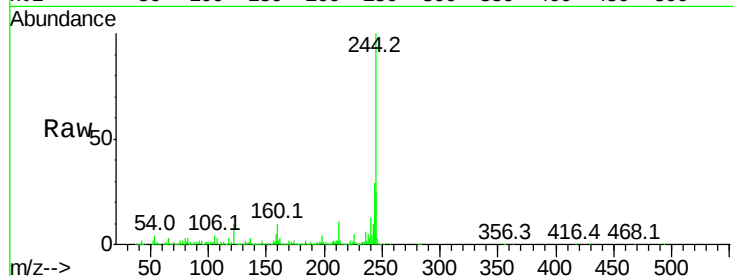
Tot Ion:244 Resp: 2096890

Ion	Ratio	Lower	Upper
244	100		
212	11.0	10.8	16.2
122	10.4	8.0	12.0

244 100

212 11.0 10.8 16.2

122 10.4 8.0 12.0

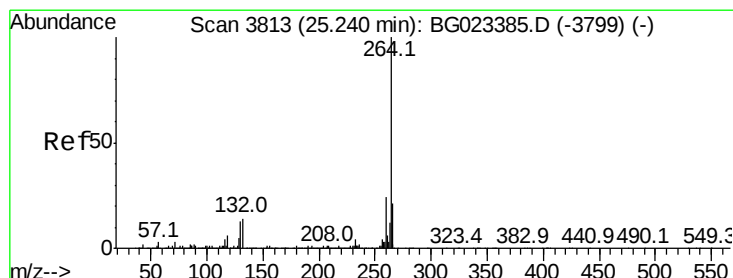
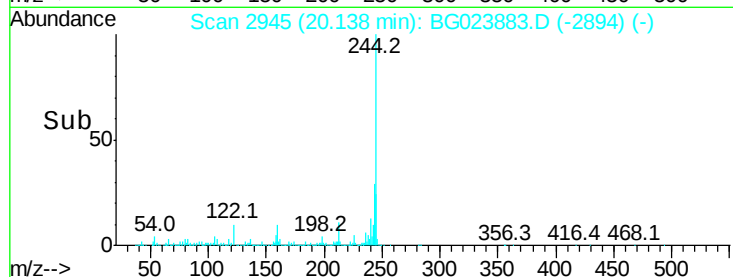
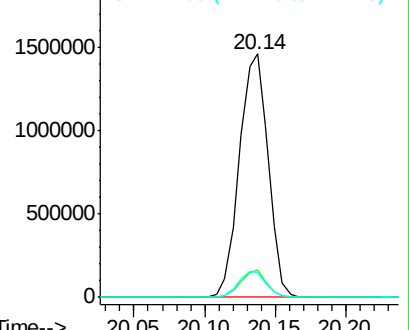


Abundance

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# 3811

Delta R.T. 0.00 min

Lab File: BG023883.D

Acq: 24 Aug 2016 12:09

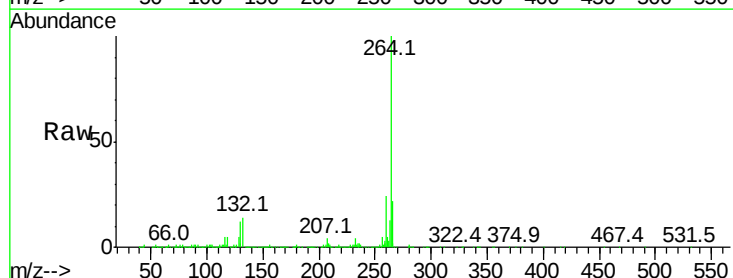
Tgt Ion:264 Resp: 926582

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	22.2	18.9	28.3

264 100

260 23.8 18.4 27.6

265 22.2 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

