

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
 Data File : BG023850.D
 Acq On : 23 Aug 2016 13:07
 Operator : UM/SJ
 Sample : PB93023BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93023BL

Quant Time: Aug 24 01:32:42 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	8.09	152	92434	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	368847	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	237855	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	599392	20.00	ng	-0.01
75) Chrysene-d12	21.85	240	697817	20.00	ng	-0.01
86) Perylene-d12	25.24	264	662374	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	752645	137.06	ng	-0.03
7) Phenol-d6	7.24	99	1062129	124.18	ng	-0.03
23) Nitrobenzene-d5	9.27	82	713247	96.14	ng	-0.03
41) 2,4,6-Tribromophenol	16.27	330	448772	128.99	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1420518	100.73	ng	-0.02
78) Terphenyl-d14	20.14	244	2255034	105.82	ng	-0.01

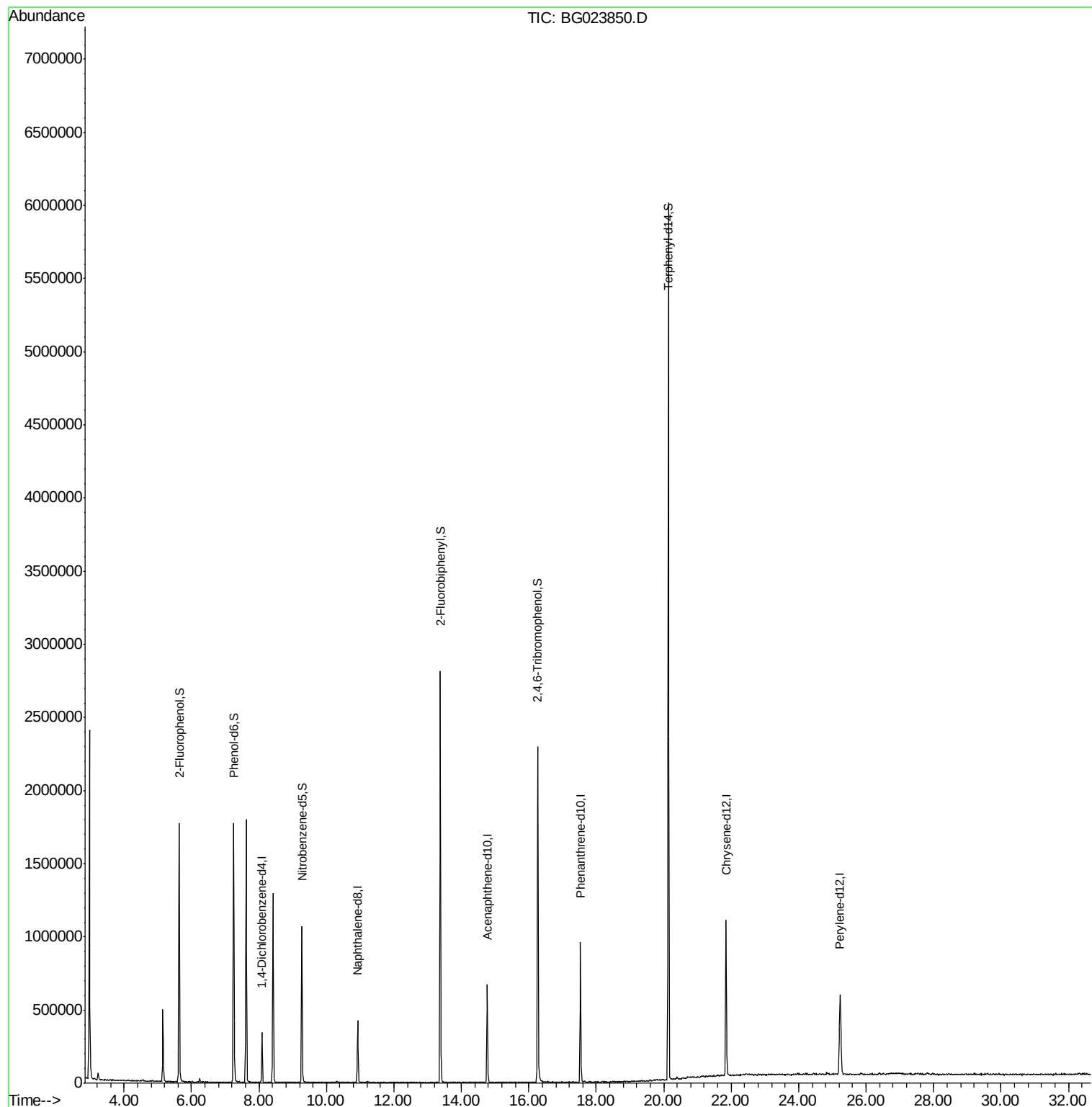
Target Compounds Qvalue

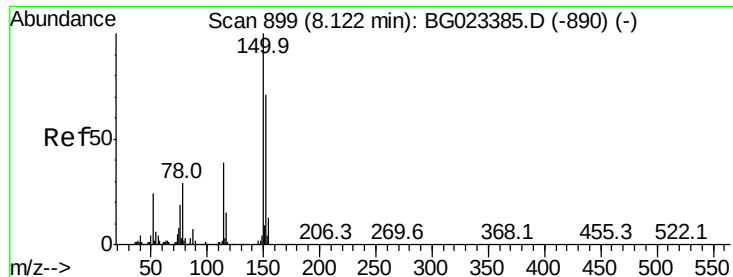
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.03 min

Lab File: BG023850.D

Acq: 23 Aug 2016 13:07

Instrument :

BNA_G

ClientSampleId :

PB93023BL

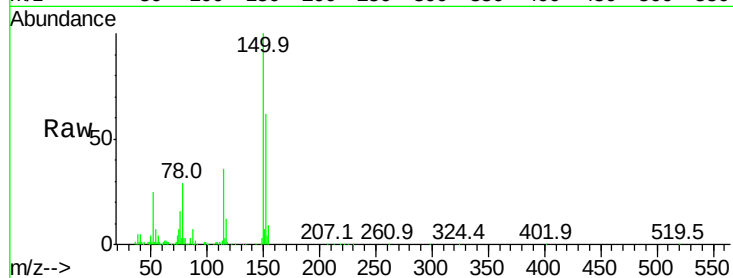
Tot Ion:152 Resp: 92434

Ion Ratio Lower Upper

152 100

150 161.3 144.7 217.1

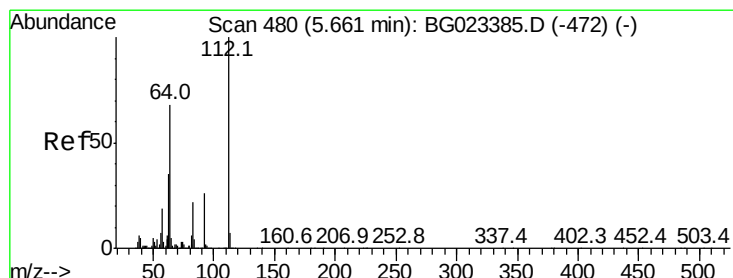
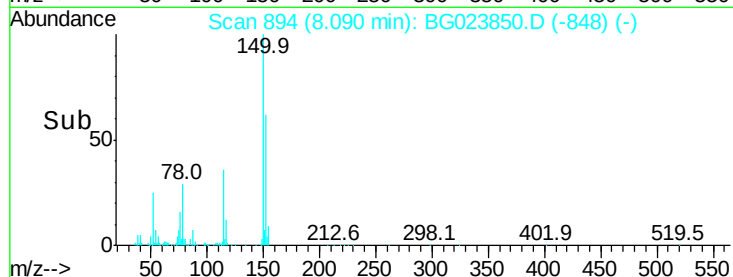
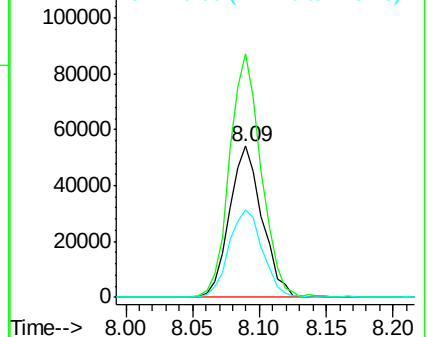
115 57.6 64.0 96.0#



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: 137.06 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.03 min

Lab File: BG023850.D

Acq: 23 Aug 2016 13:07

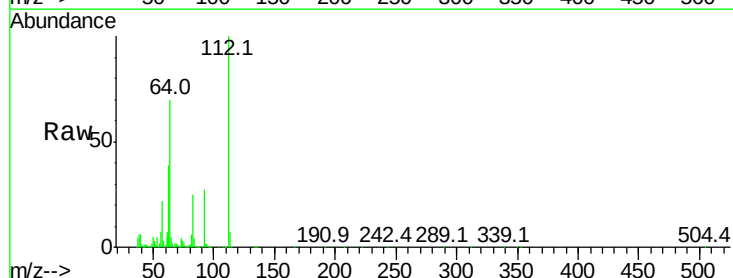
Tgt Ion:112 Resp: 752645

Ion Ratio Lower Upper

112 100

64 69.6 59.0 88.4

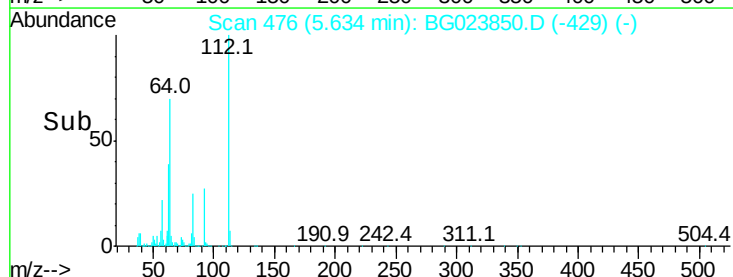
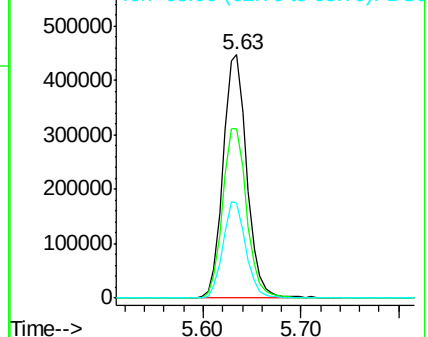
63 39.3 37.8 56.8

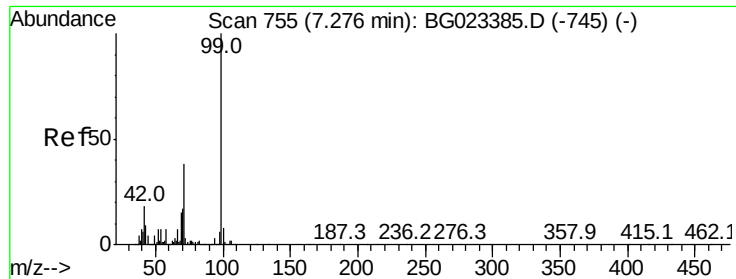


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 124.18 ng

RT: 7.24 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG023850.D

Acq: 23 Aug 2016 13:07

Instrument :

BNA_G

ClientSampleId :

PB93023BL

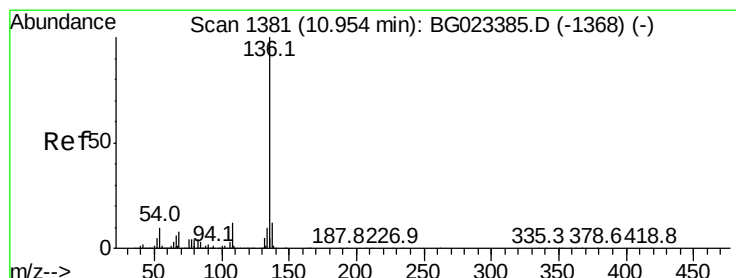
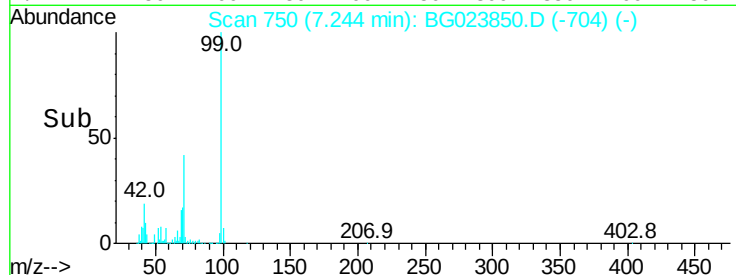
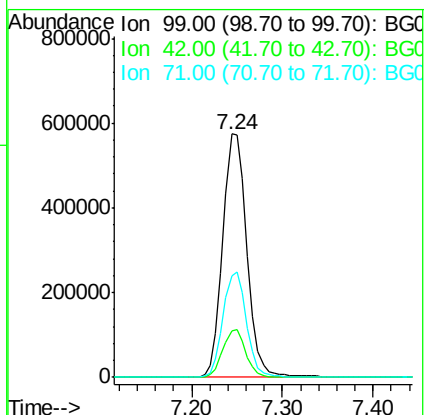
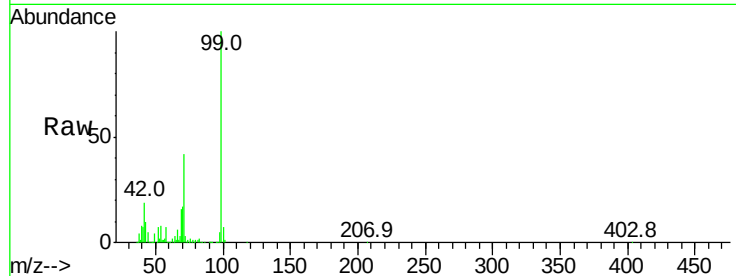
Tot Ion: 99 Resp: 1062129

Ion Ratio Lower Upper

99 100

42 18.9 17.8 26.6

71 41.9 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.03 min

Lab File: BG023850.D

Acq: 23 Aug 2016 13:07

Tgt Ion: 136 Resp: 368847

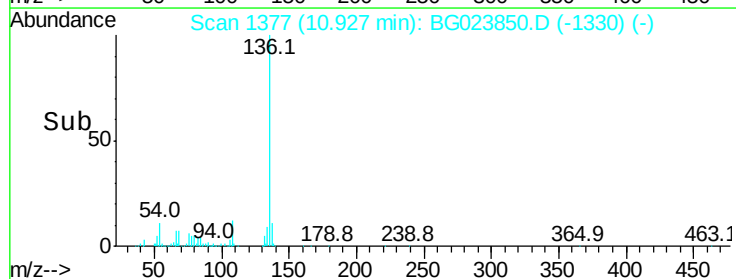
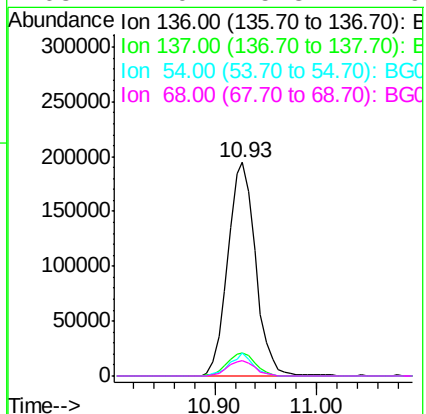
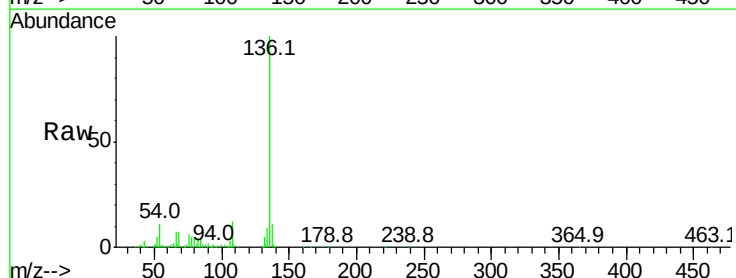
Ion Ratio Lower Upper

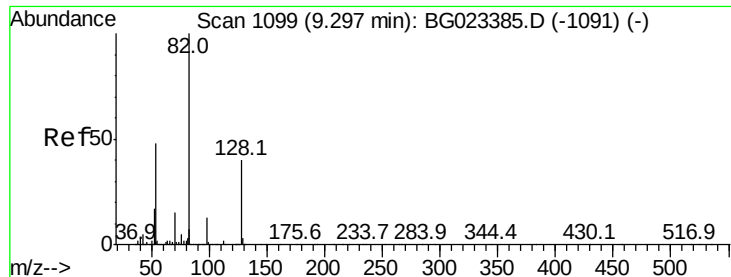
136 100

137 10.7 9.6 14.4

54 10.5 7.3 10.9

68 7.0 5.3 7.9

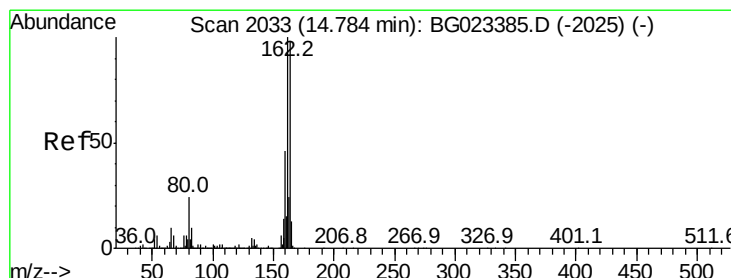
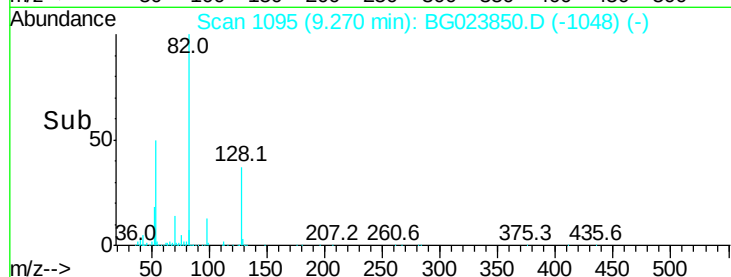
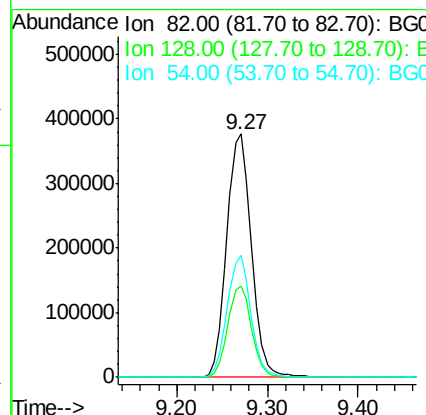
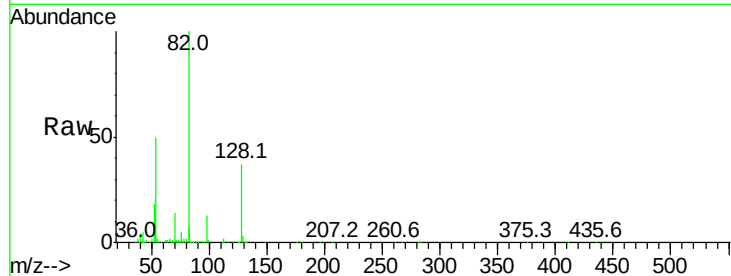




#23
 Nitrobenzene-d5
 Concen: 96.14 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023850.D
 Acq: 23 Aug 2016 13:07

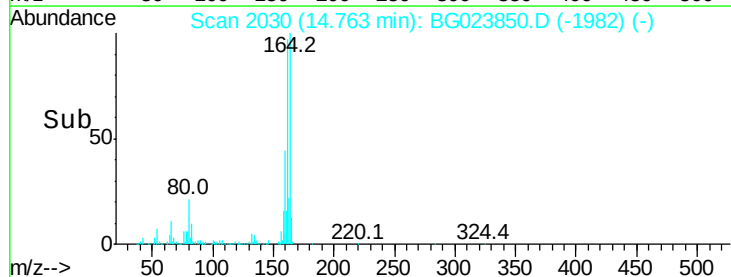
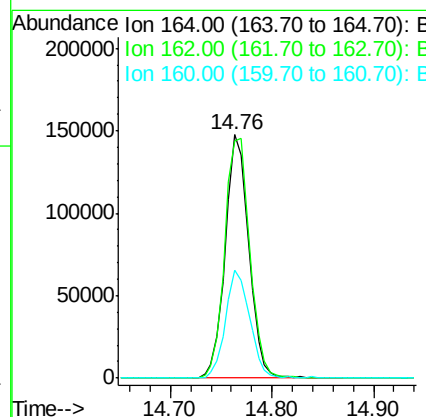
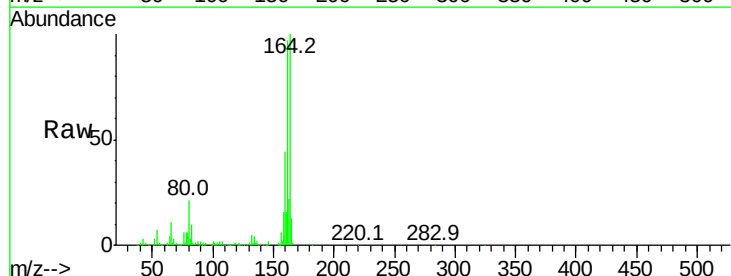
Instrument :
 BNA_G
 ClientSampleID :
 PB93023BL

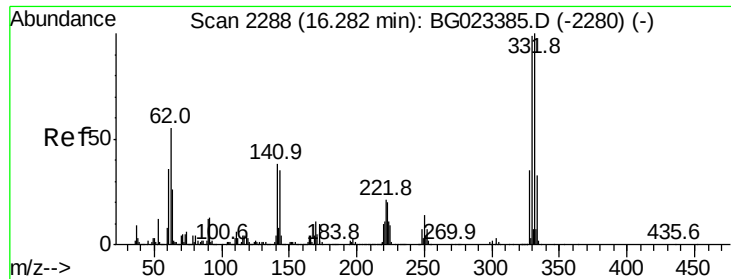
Tot Ion	82	Resp	713247
Ion	Ratio	Lower	Upper
82	100		
128	37.3	24.4	36.6#
54	50.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BG023850.D
 Acq: 23 Aug 2016 13:07

Tgt Ion	164	Resp	237855
Ion	Ratio	Lower	Upper
164	100		
162	97.3	87.7	131.5
160	44.4	37.2	55.8

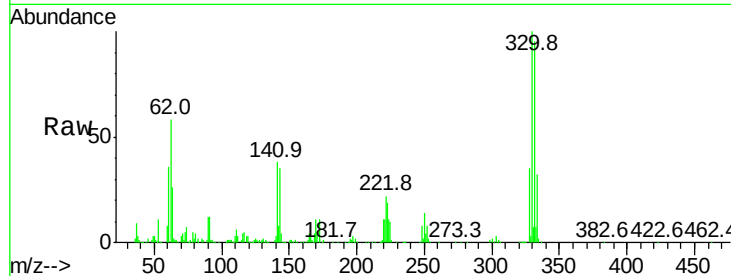




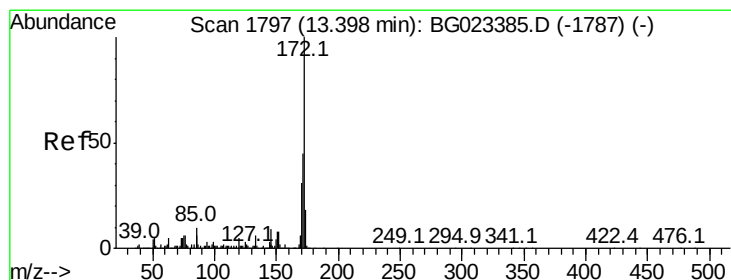
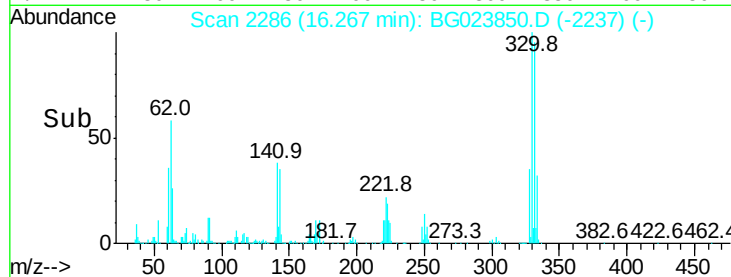
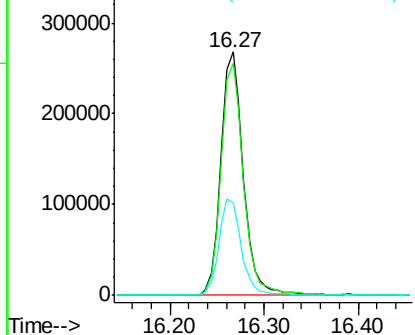
#41
2,4,6-Tribromophenol
Concen: 128.99 ng
RT: 16.27 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG023850.D
Acq: 23 Aug 2016 13:07

Instrument :
BNA_G
ClientSampleId :
PB93023BL

Tot Ion:330 Resp: 448772
Ion Ratio Lower Upper
330 100
332 95.3 77.4 116.2
141 39.7 31.7 47.5

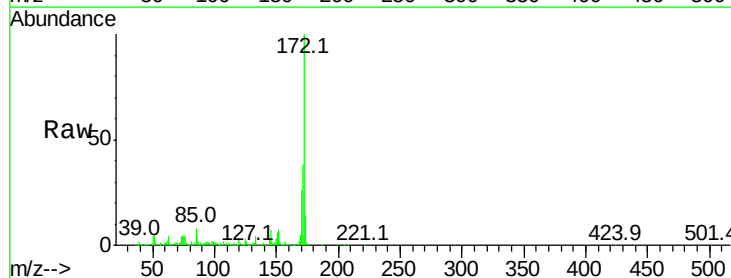


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

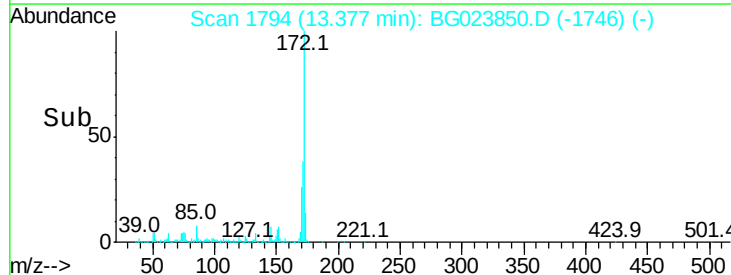
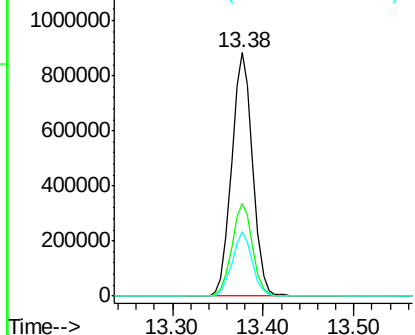


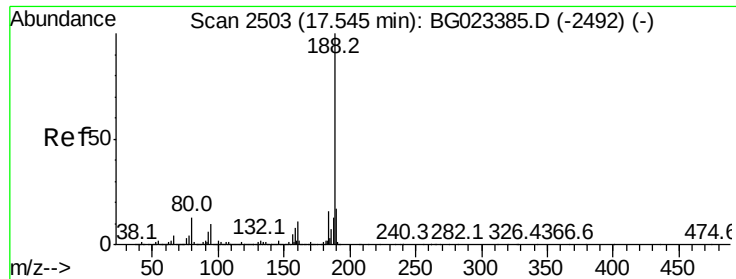
#44
2-Fluorobiphenyl
Concen: 100.73 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG023850.D
Acq: 23 Aug 2016 13:07

Tgt Ion:172 Resp: 1420518
Ion Ratio Lower Upper
172 100
171 38.0 31.6 47.4
170 26.3 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.53 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BG023850.D

Acq: 23 Aug 2016 13:07

Instrument :

BNA_G

ClientSampleId :

PB93023BL

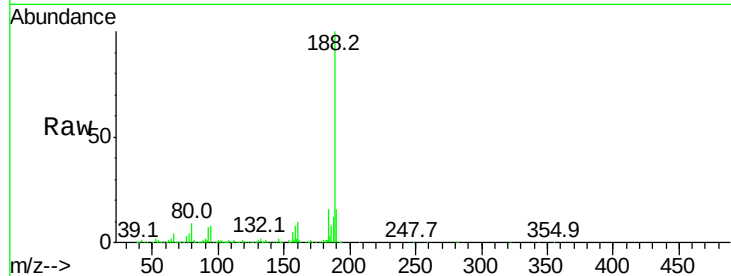
Tot Ion:188 Resp: 599392

Ion Ratio Lower Upper

188 100

94 8.3 5.2 7.8#

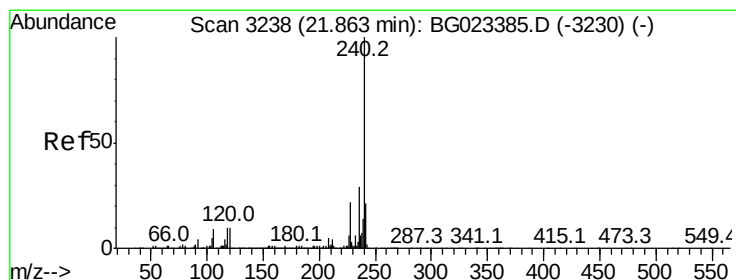
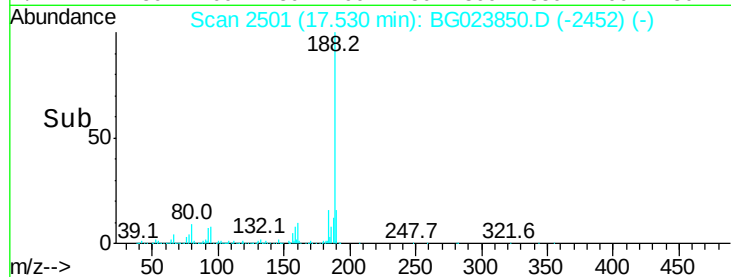
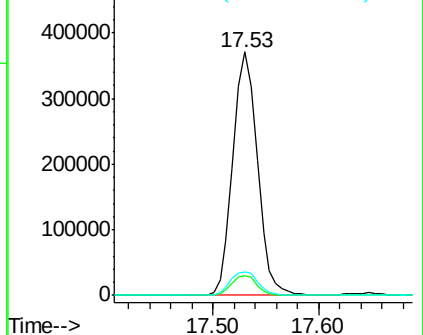
80 9.5 7.2 10.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BG023850.D

Acq: 23 Aug 2016 13:07

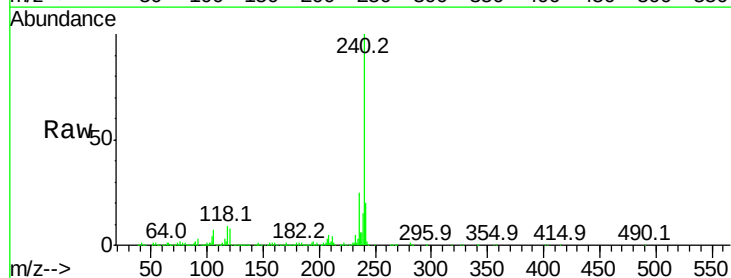
Tgt Ion:240 Resp: 697817

Ion Ratio Lower Upper

240 100

120 8.4 4.1 6.1#

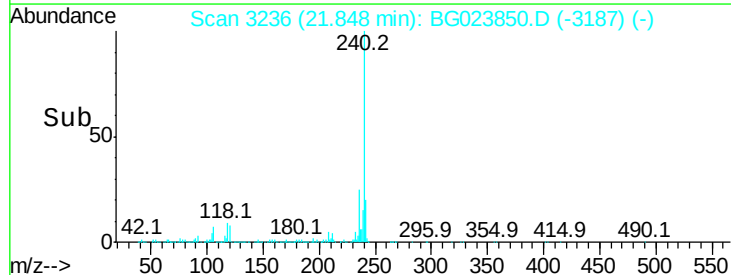
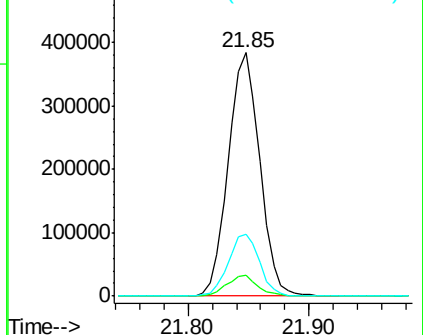
236 25.3 21.1 31.7

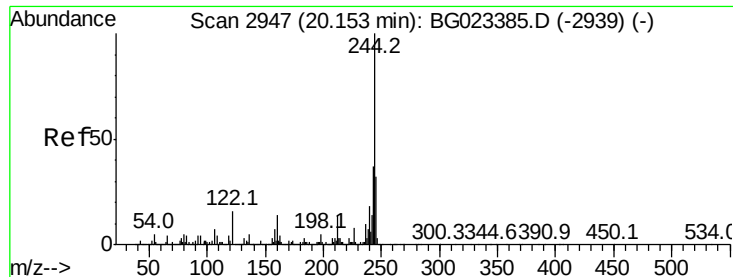


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.82 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG023850.D

Acq: 23 Aug 2016 13:07

Instrument :

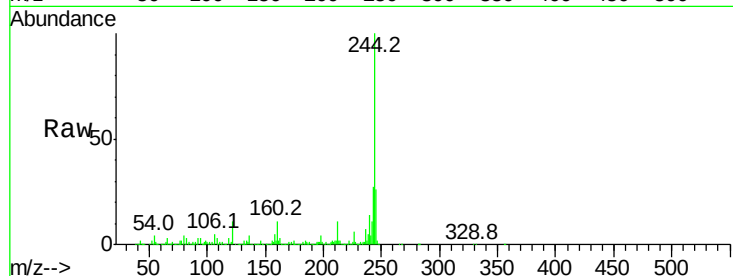
BNA_G

ClientSampleId :

PB93023BL

Tot Ion:244 Resp: 2255034

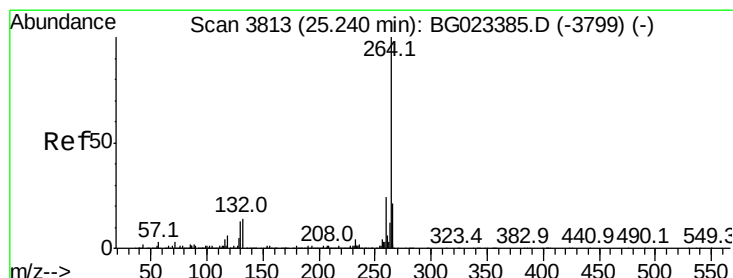
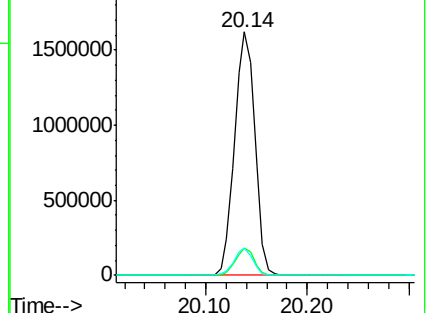
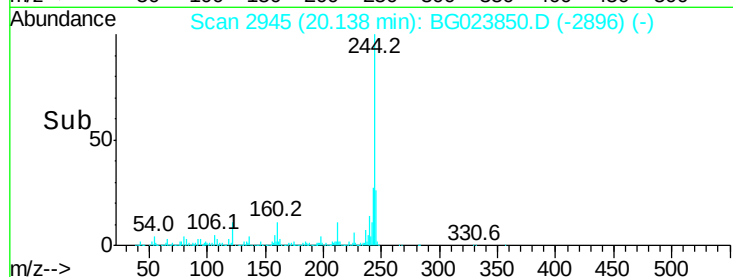
Ion	Ratio	Lower	Upper
244	100		
212	11.2	10.8	16.2
122	11.4	8.0	12.0



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: 25.24 min Scan# 3813

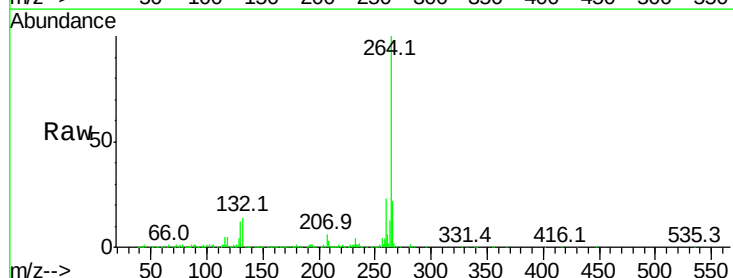
Delta R.T. -0.00 min

Lab File: BG023850.D

Acq: 23 Aug 2016 13:07

Tgt Ion:264 Resp: 662374

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.4	27.6
265	22.3	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

