

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082216\
 Data File : BG023840.D
 Acq On : 22 Aug 2016 19:23
 Operator : UM/SJ
 Sample : PB92989TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92989TB

Quant Time: Aug 23 01:09:02 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	121008	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	495851	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	314851	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	756353	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	862562	20.00	ng	-0.02
86) Perylene-d12	25.22	264	830004	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	762654	106.09	ng	-0.03
7) Phenol-d6	7.25	99	1076453	96.14	ng	-0.03
23) Nitrobenzene-d5	9.27	82	728169	73.01	ng	-0.03
41) 2,4,6-Tribromophenol	16.27	330	425998	92.50	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1433037	76.77	ng	-0.02
78) Terphenyl-d14	20.14	244	2137530	75.38	ng	-0.02

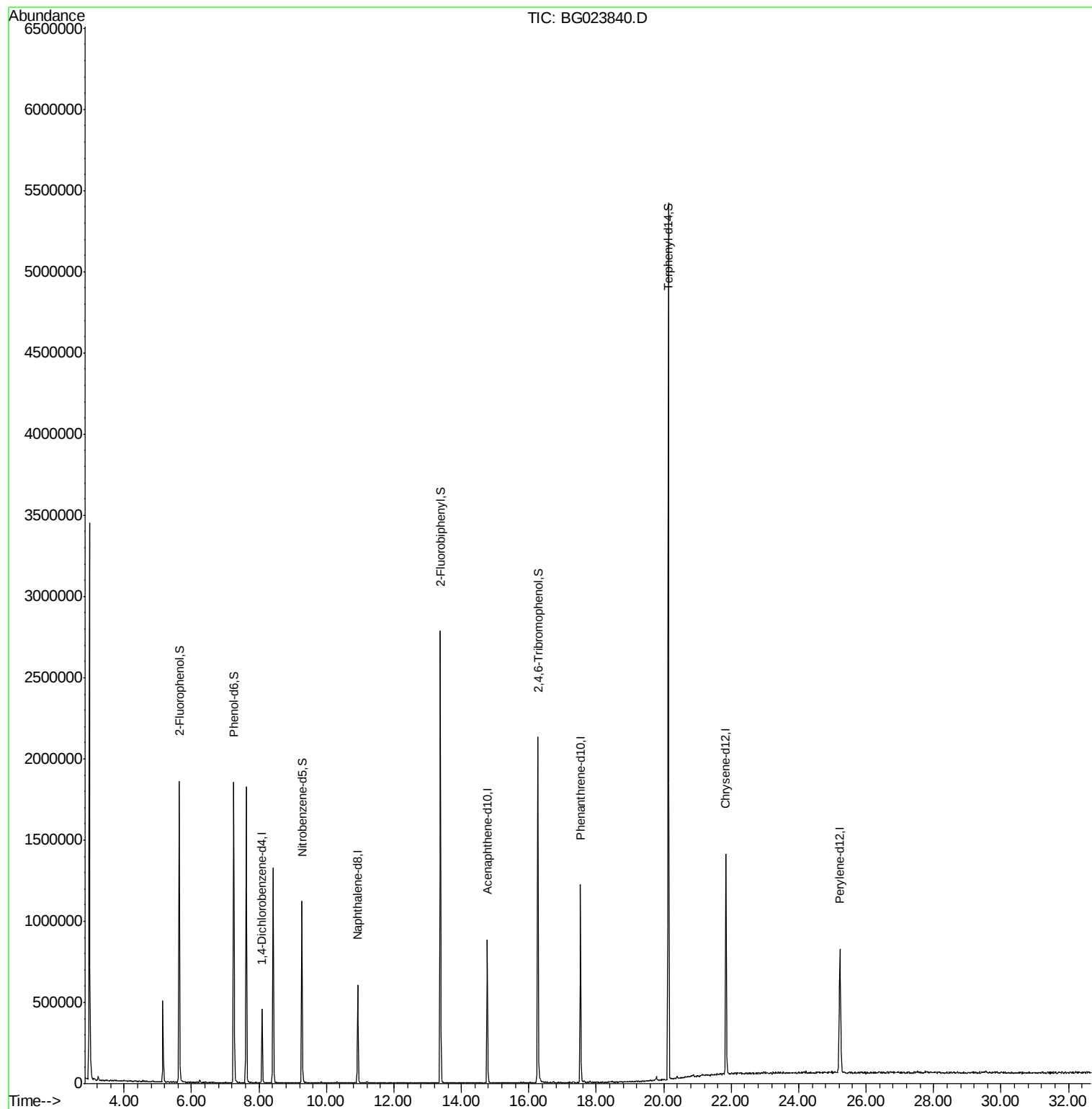
Target Compounds Qvalue

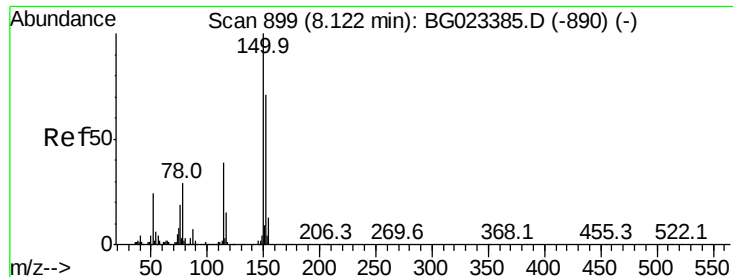
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023840.D

Acq: 22 Aug 2016 19:23

Instrument :

BNA_G

ClientSampleId :

PB92989TB

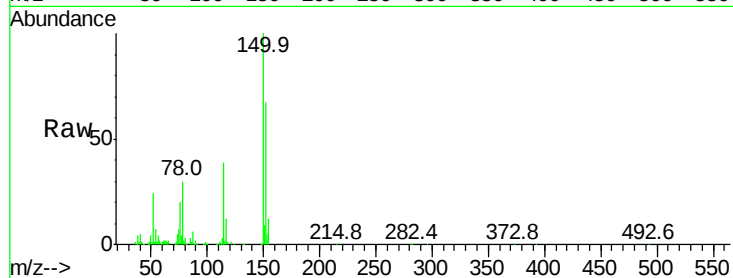
Tot Ion:152 Resp: 121008

Ion Ratio Lower Upper

152 100

150 150.0 144.7 217.1

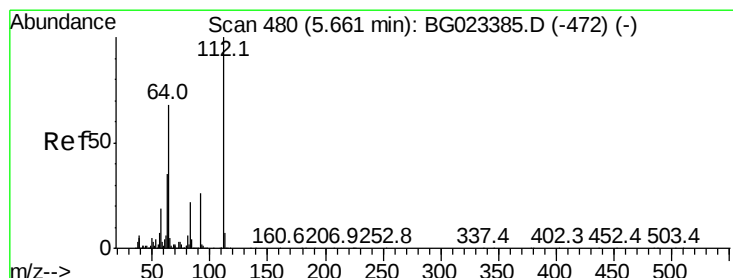
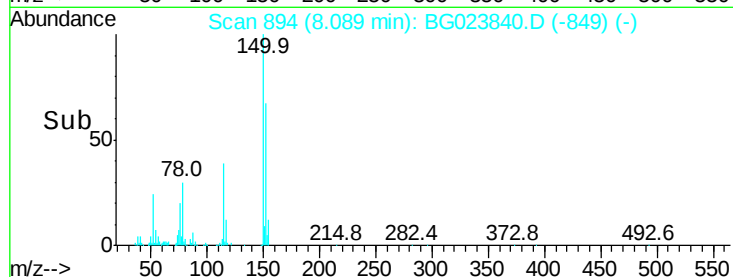
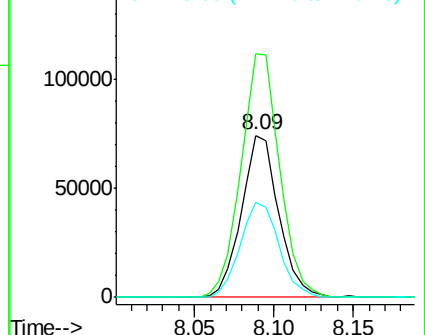
115 58.5 64.0 96.0#



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: 106.09 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.03 min

Lab File: BG023840.D

Acq: 22 Aug 2016 19:23

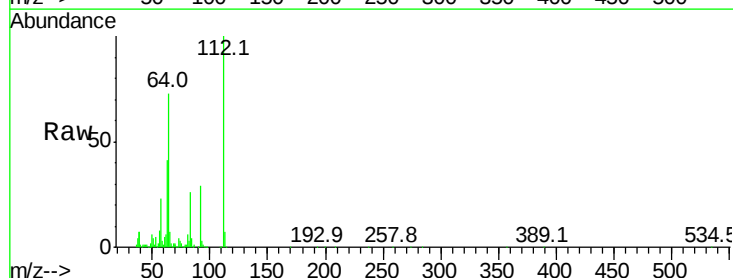
Tgt Ion:112 Resp: 762654

Ion Ratio Lower Upper

112 100

64 72.6 59.0 88.4

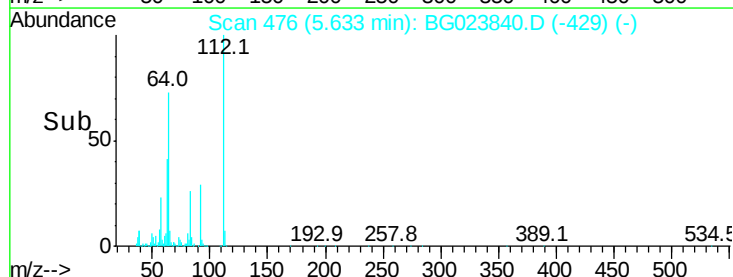
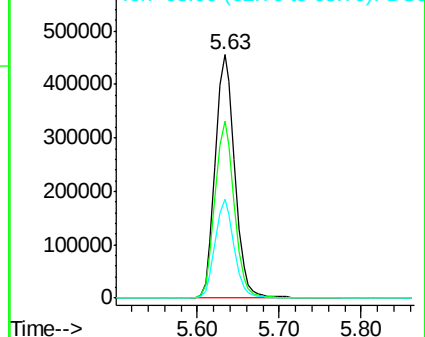
63 40.7 37.8 56.8

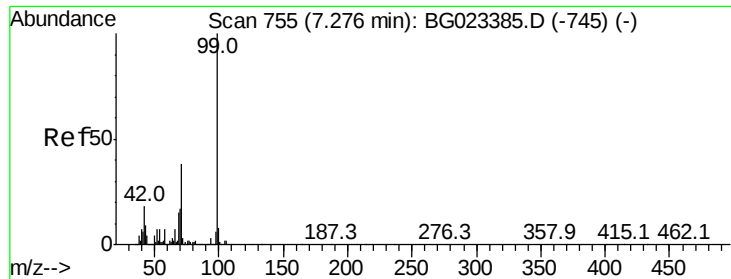


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 96.14 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023840.D

Acq: 22 Aug 2016 19:23

Instrument :

BNA_G

ClientSampleId :

PB92989TB

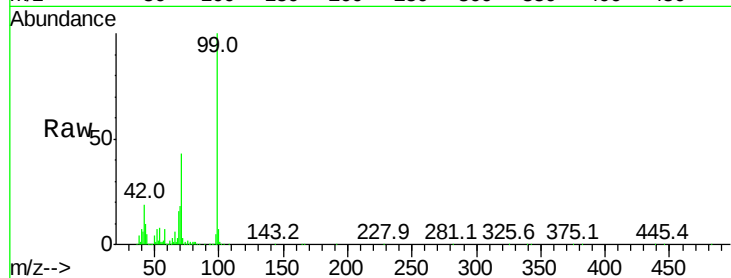
Tot Ion: 99 Resp: 1076453

Ion Ratio Lower Upper

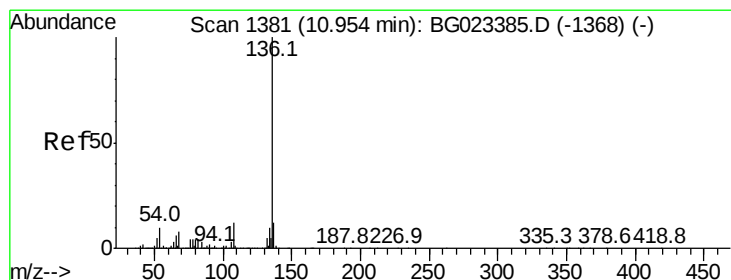
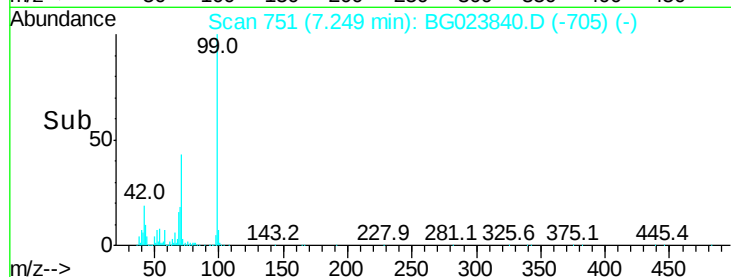
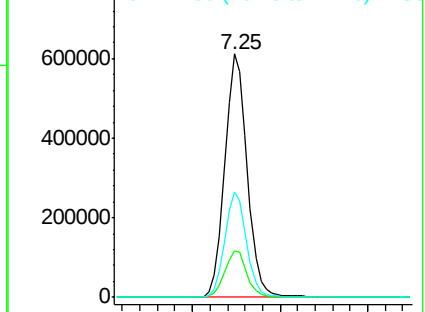
99 100

42 18.9 17.8 26.6

71 43.4 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: 10.93 min Scan# 1377

Delta R.T. -0.03 min

Lab File: BG023840.D

Acq: 22 Aug 2016 19:23

Tgt Ion: 136 Resp: 495851

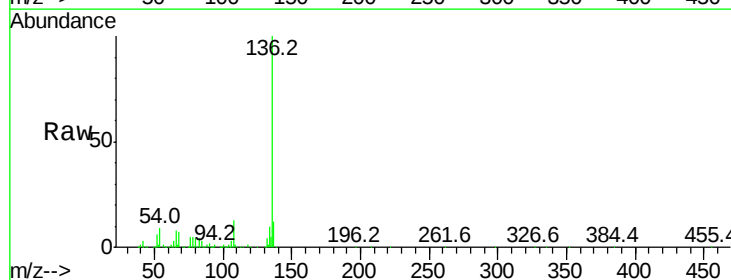
Ion Ratio Lower Upper

136 100

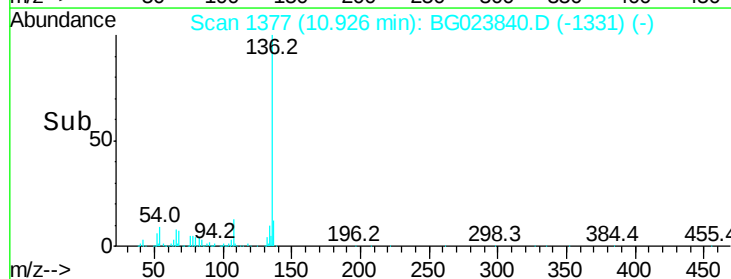
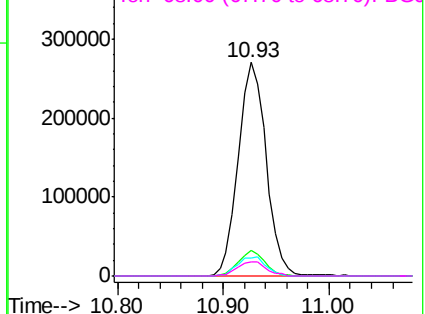
137 12.0 9.6 14.4

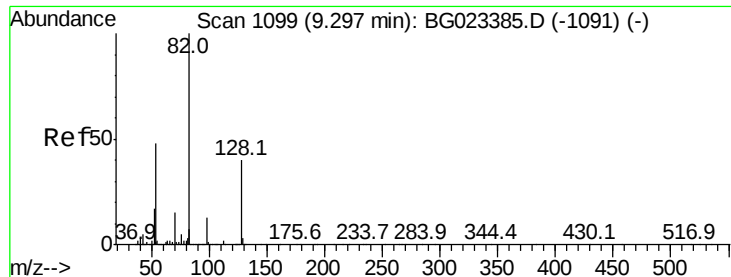
54 8.7 7.3 10.9

68 6.7 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

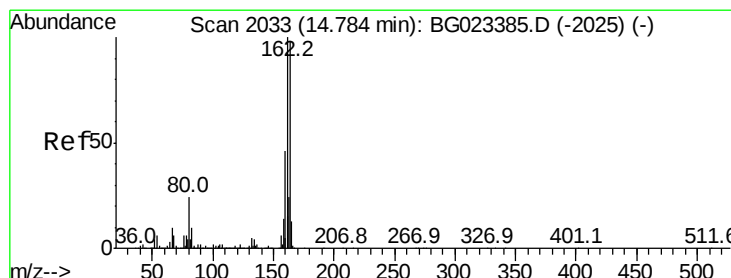
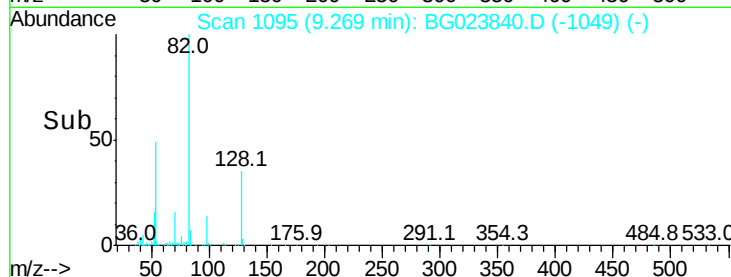
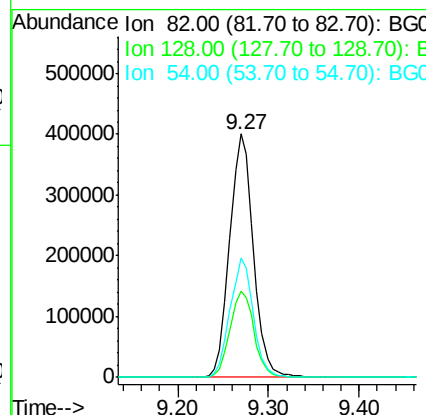
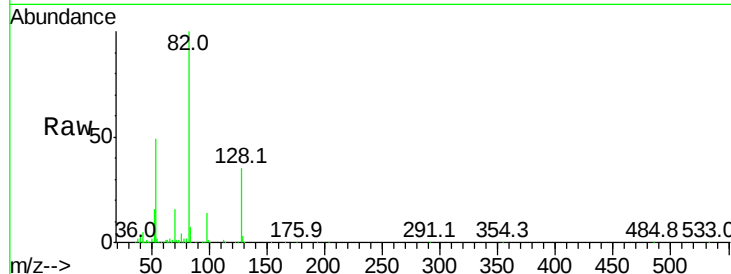




#23
 Nitrobenzene-d5
 Concen: 73.01 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023840.D
 Acq: 22 Aug 2016 19:23

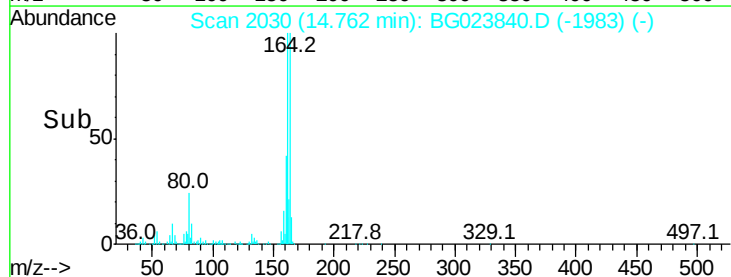
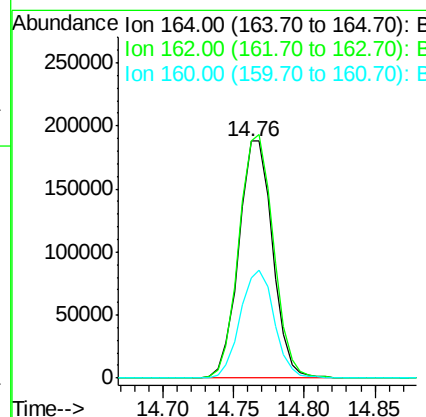
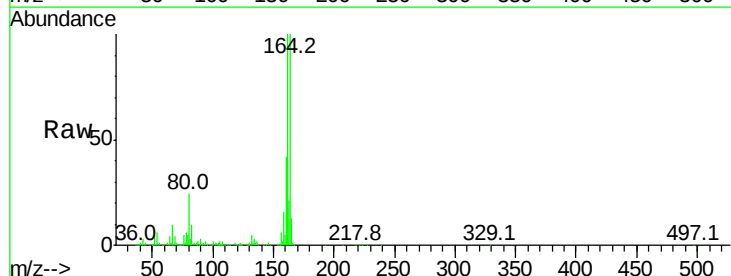
Instrument :
 BNA_G
 ClientSampled :
 PB92989TB

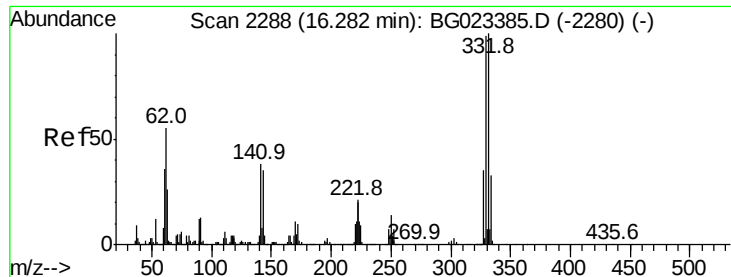
Tot Ion	82	Resp	728169
Ion Ratio	100	Lower	Upper
128	35.4	24.4	36.6
54	49.3	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BG023840.D
 Acq: 22 Aug 2016 19:23

Tgt Ion	164	Resp	314851
Ion Ratio	100	Lower	Upper
162	100.3	87.7	131.5
160	42.5	37.2	55.8

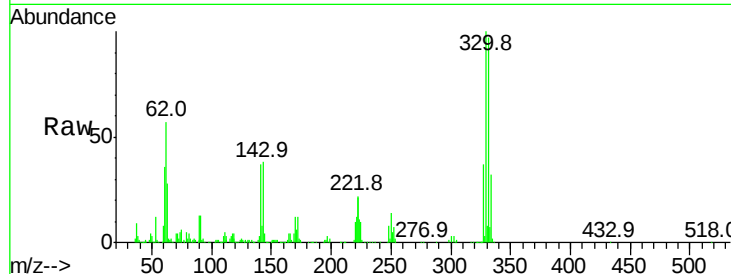




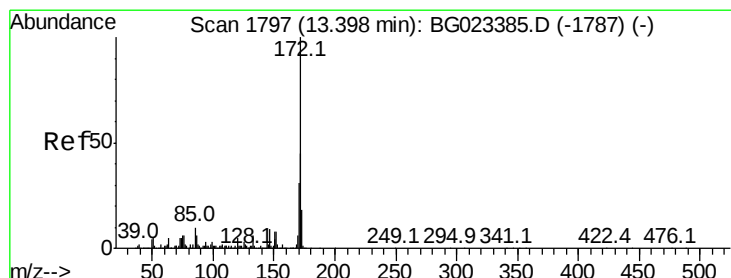
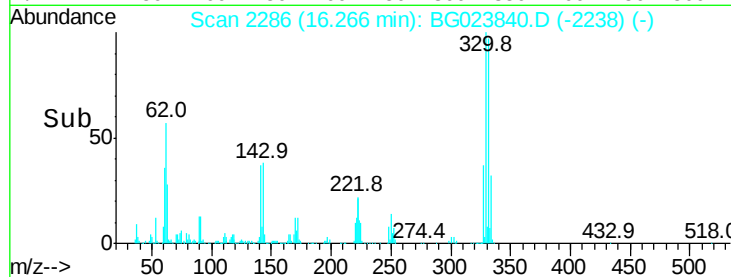
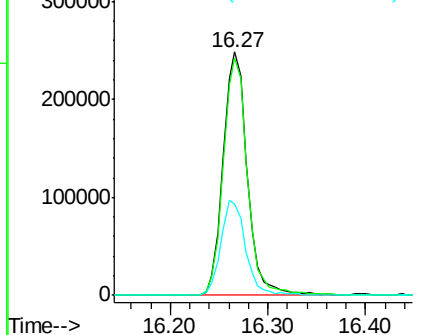
#41
 2,4,6-Tribromophenol
 Concen: 92.50 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. -0.02 min
 Lab File: BG023840.D
 Acq: 22 Aug 2016 19:23

Instrument :
 BNA_G
 ClientSampleId :
 PB92989TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	40.2	31.7	47.5

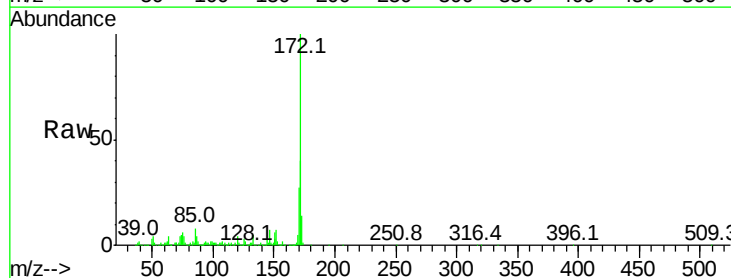


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

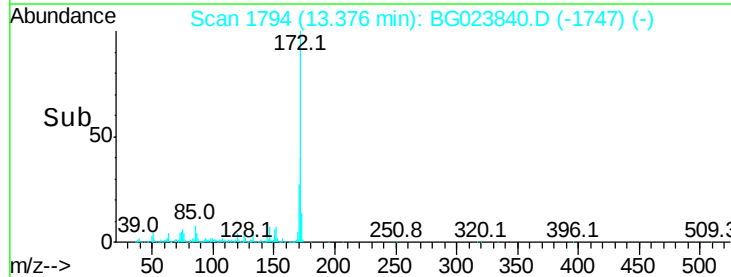
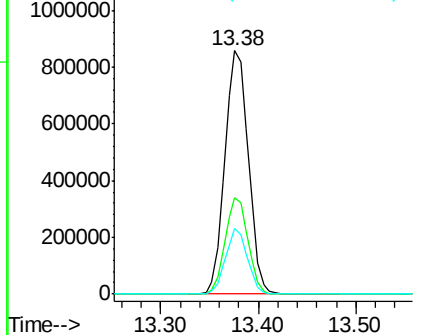


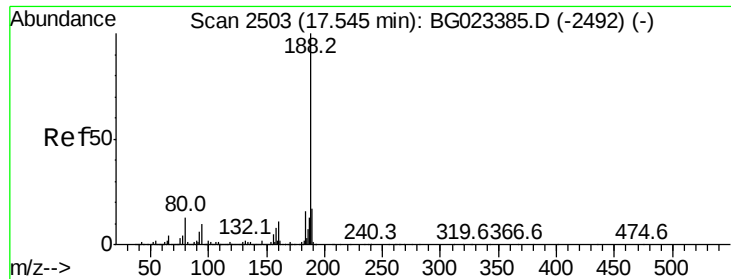
#44
 2-Fluorobiphenyl
 Concen: 76.77 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG023840.D
 Acq: 22 Aug 2016 19:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.6	47.4
170	26.7	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. -0.02 min

Lab File: BG023840.D

Acq: 22 Aug 2016 19:23

Instrument :

BNA_G

ClientSampleId :

PB92989TB

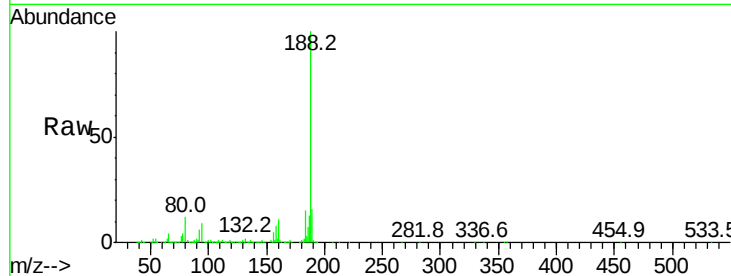
Tot Ion:188 Resp: 756353

Ion Ratio Lower Upper

188 100

94 8.6 5.2 7.8#

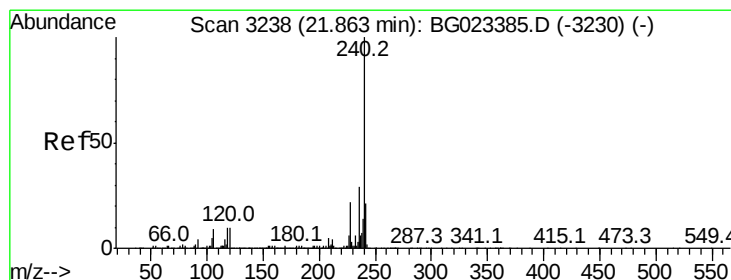
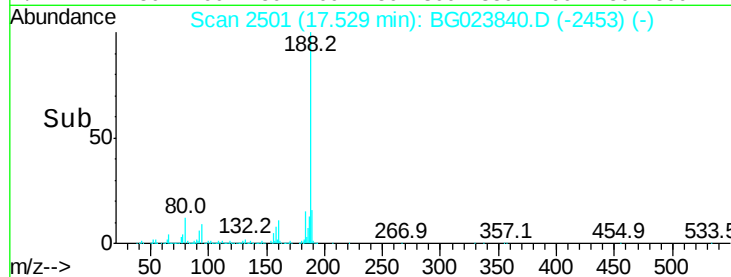
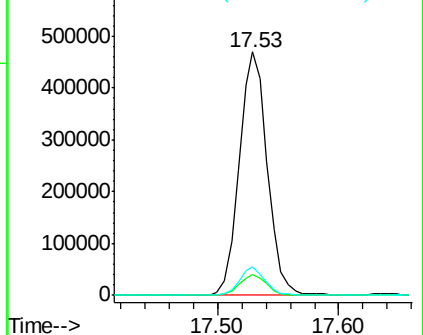
80 11.5 7.2 10.8#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. -0.02 min

Lab File: BG023840.D

Acq: 22 Aug 2016 19:23

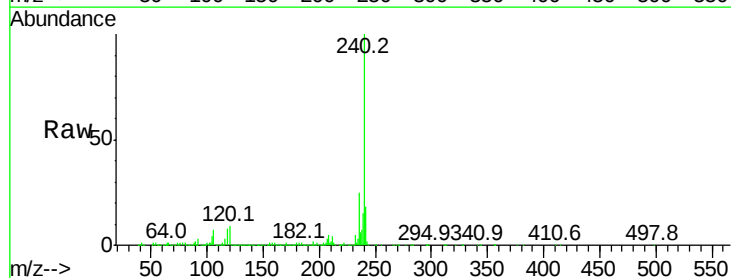
Tgt Ion:240 Resp: 862562

Ion Ratio Lower Upper

240 100

120 8.8 4.1 6.1#

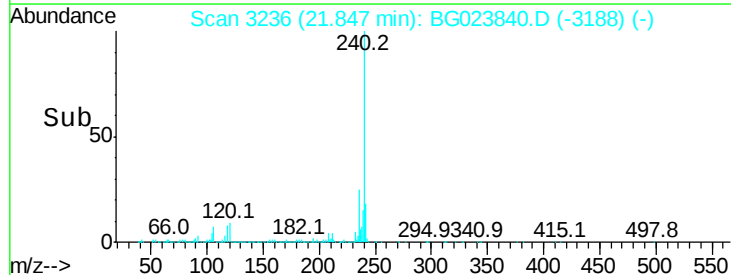
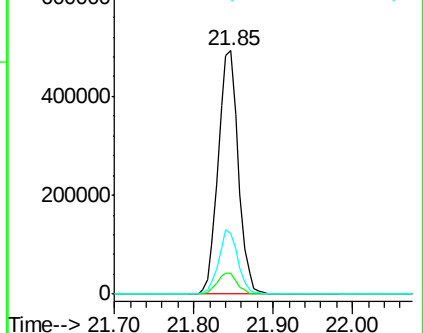
236 25.0 21.1 31.7

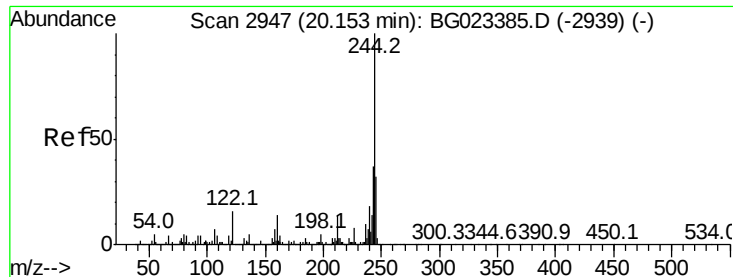


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.38 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.02 min

Lab File: BG023840.D

Acq: 22 Aug 2016 19:23

Instrument :

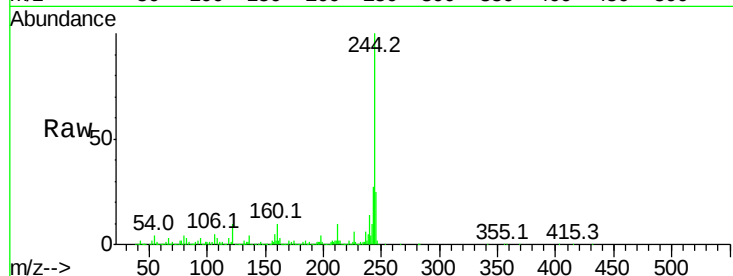
BNA_G

ClientSampleId :

PB92989TB

Tot Ion:244 Resp: 2137530

Ion	Ratio	Lower	Upper
244	100		
212	10.4	10.8	16.2#
122	10.3	8.0	12.0

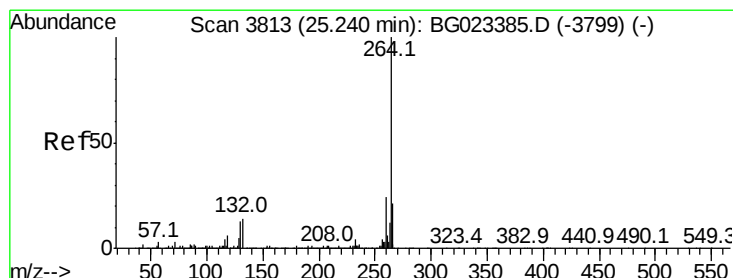
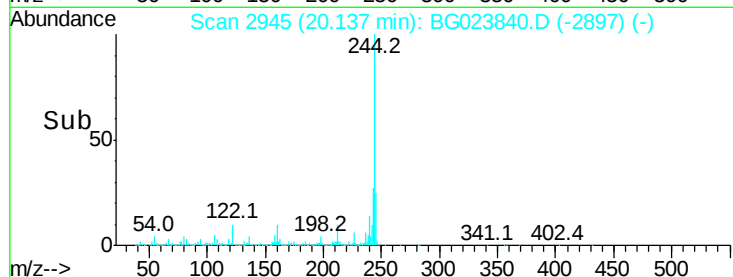
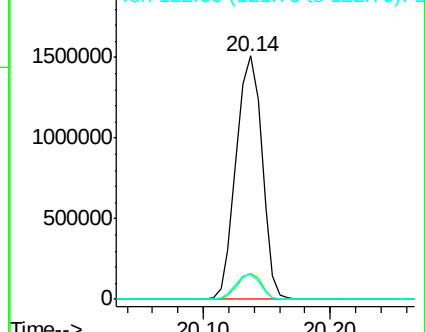


Abundance

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

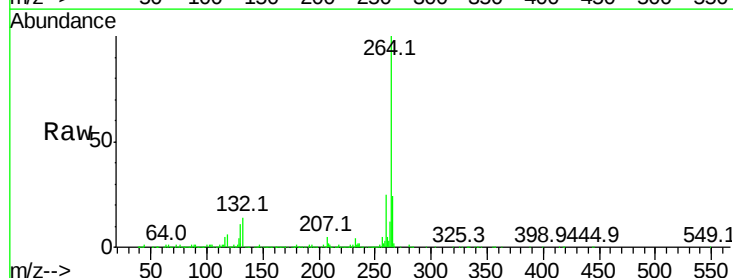
Delta R.T. -0.02 min

Lab File: BG023840.D

Acq: 22 Aug 2016 19:23

Tgt Ion:264 Resp: 830004

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.4	27.6
265	23.6	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

