

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080116\
 Data File : BG023390.D
 Acq On : 1 Aug 2016 20:38
 Operator : UM/SJ
 Sample : PB92598BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92598BL

Quant Time: Aug 02 12:43:08 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	112614	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	540794	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	400819	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	1155127	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1081515	20.00	ng	0.00
86) Perylene-d12	25.24	264	1023167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	1050030	156.95	ng	0.00
7) Phenol-d6	7.28	99	1560174	149.72	ng	0.00
23) Nitrobenzene-d5	9.30	82	983502	90.41	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	839531	143.20	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	2144249	90.23	ng	0.00
78) Terphenyl-d14	20.15	244	3323084	99.40	ng	0.00

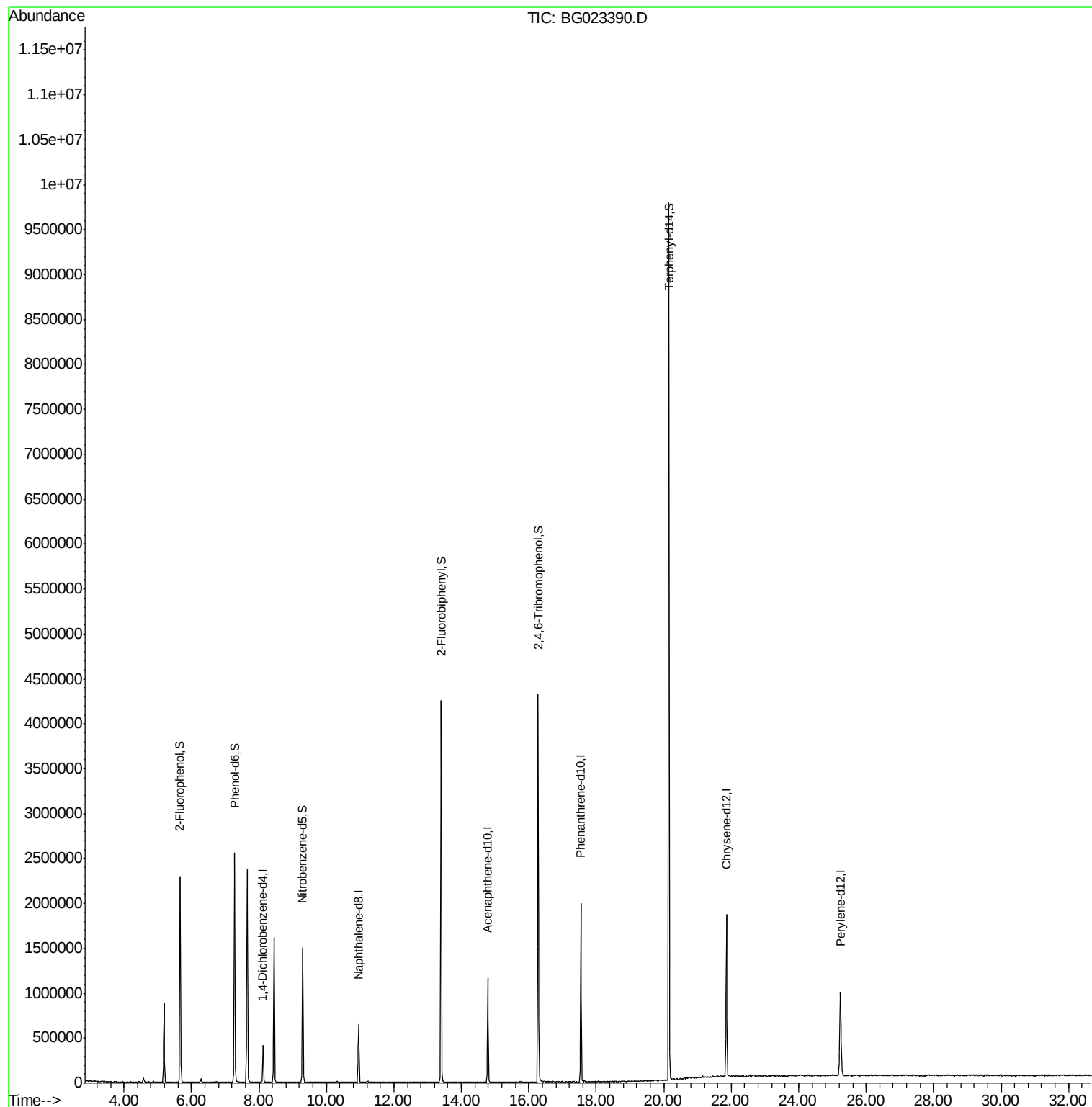
Target Compounds Qvalue

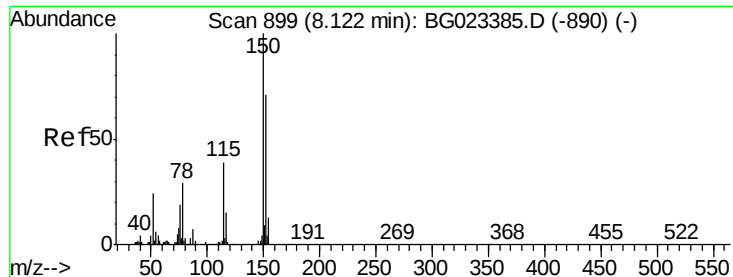
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG023390.D

Acq: 1 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

PB92598BL

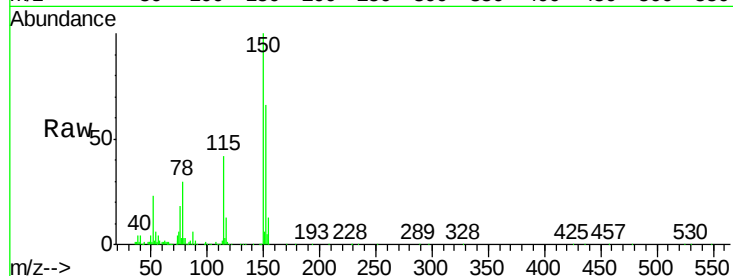
Tot Ion:152 Resp: 112614

Ion Ratio Lower Upper

152 100

150 151.0 144.7 217.1

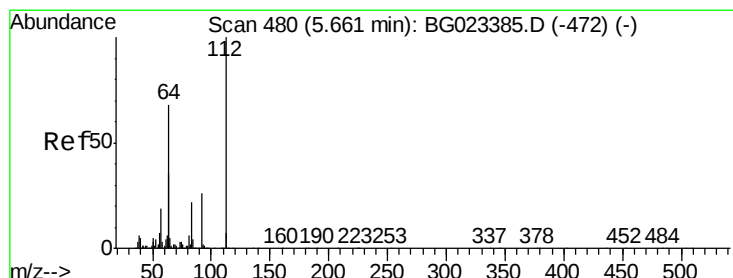
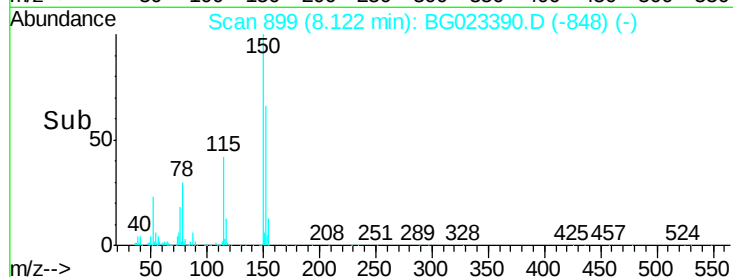
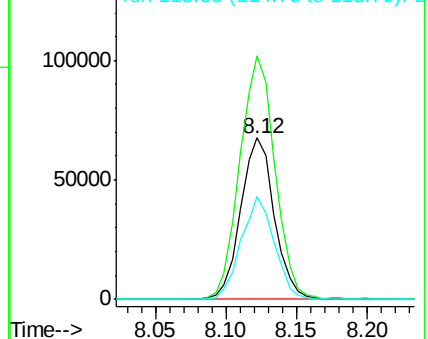
115 63.9 64.0 96.0#



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: 156.95 ng

RT: 5.66 min Scan# 480

Delta R.T. 0.00 min

Lab File: BG023390.D

Acq: 1 Aug 2016 20:38

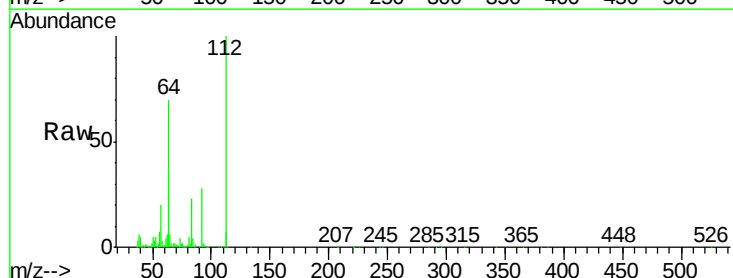
Tgt Ion:112 Resp: 1050030

Ion Ratio Lower Upper

112 100

64 69.7 59.0 88.4

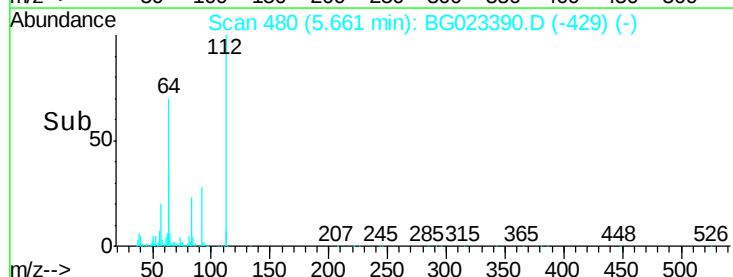
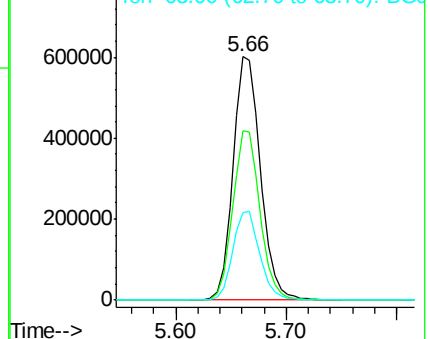
63 35.8 37.8 56.8#

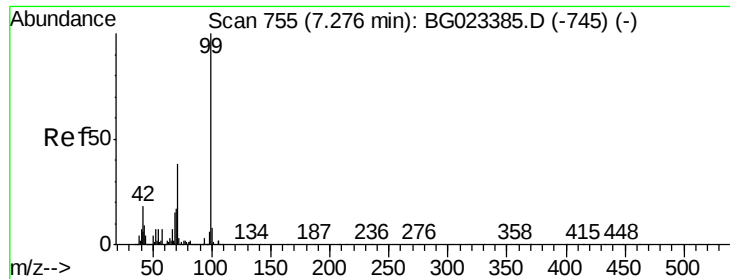


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 149.72 ng

RT: 7.28 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023390.D

Acq: 1 Aug 2016 20:38

Instrument :

BNA_G

ClientSampled :

PB92598BL

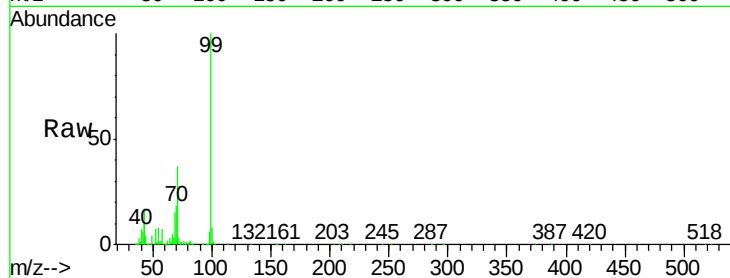
Tot Ion: 99 Resp: 1560174

Ion Ratio Lower Upper

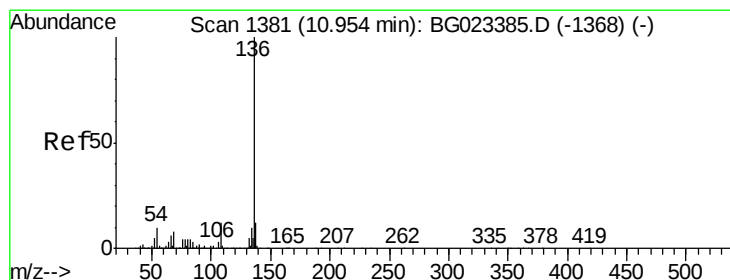
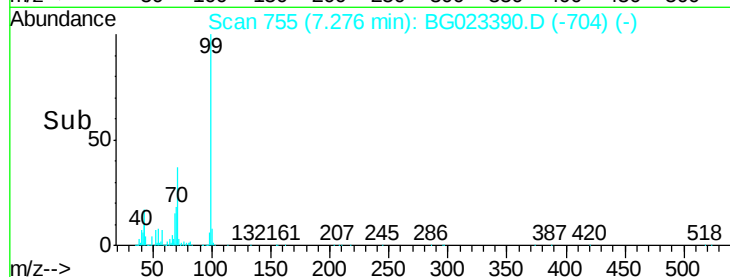
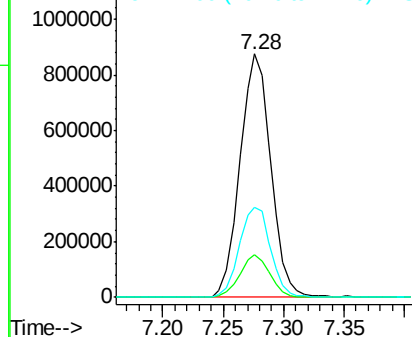
99 100

42 17.4 17.8 26.6#

71 36.8 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: BG023390.D

Acq: 1 Aug 2016 20:38

Tgt Ion: 136 Resp: 540794

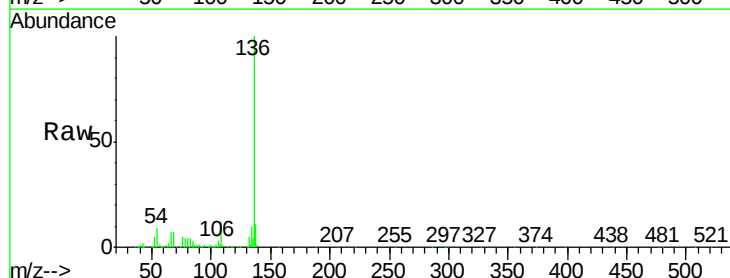
Ion Ratio Lower Upper

136 100

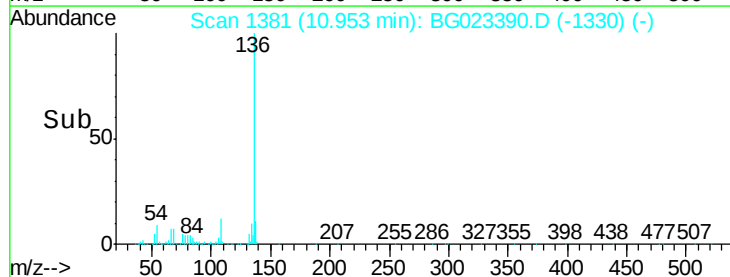
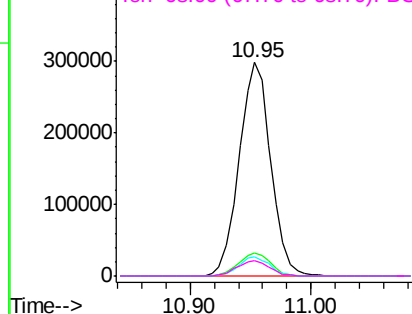
137 11.0 9.6 14.4

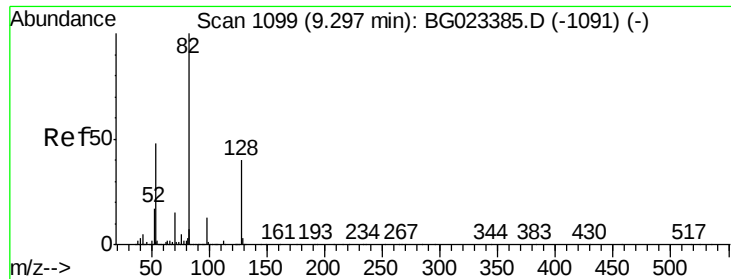
54 8.9 7.3 10.9

68 7.2 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

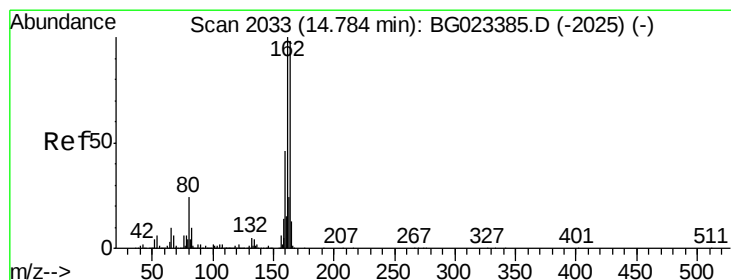
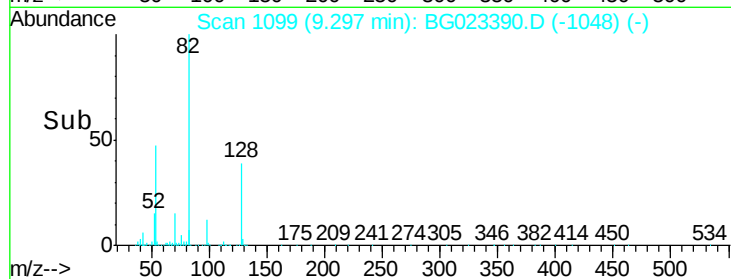
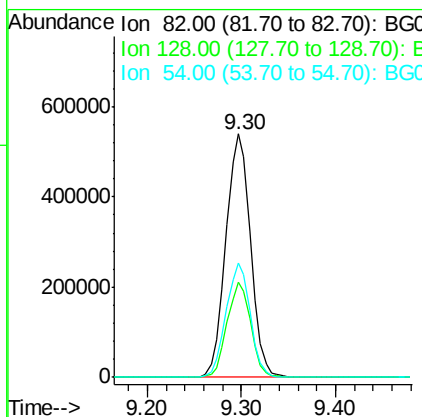
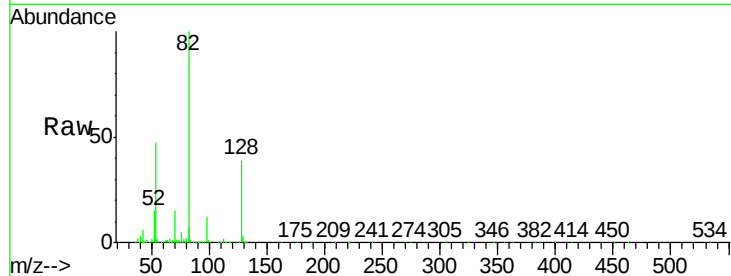




#23
 Nitrobenzene-d5
 Concen: 90.41 ng
 RT: 9.30 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BG023390.D
 Acq: 1 Aug 2016 20:38

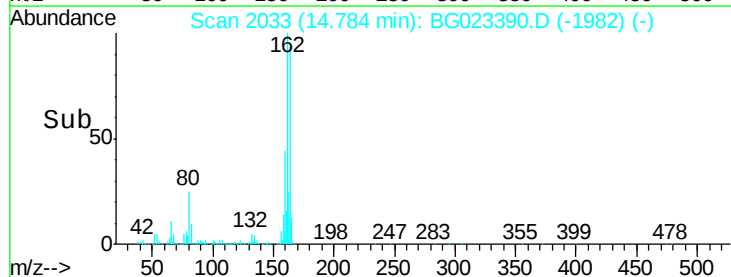
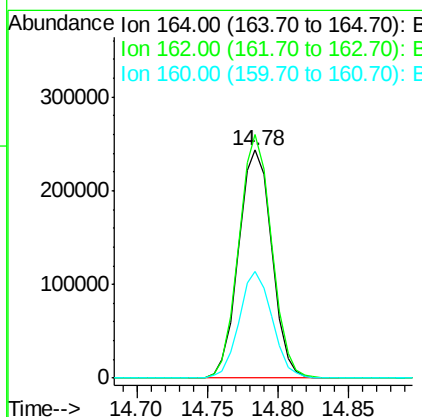
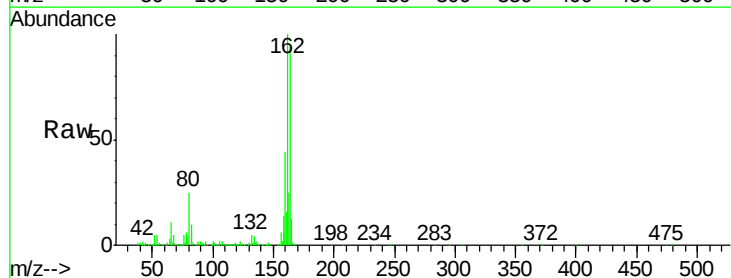
Instrument :
 BNA_G
 ClientSampleId :
 PB92598BL

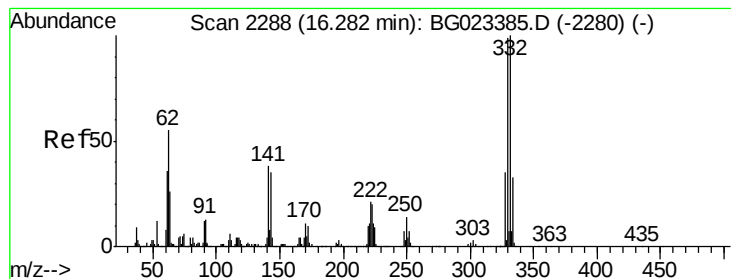
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.0	24.4	36.6
54	47.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BG023390.D
 Acq: 1 Aug 2016 20:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.7	87.7	131.5
160	46.9	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 143.20 ng

RT: 16.28 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BG023390.D

Acq: 1 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

PB92598BL

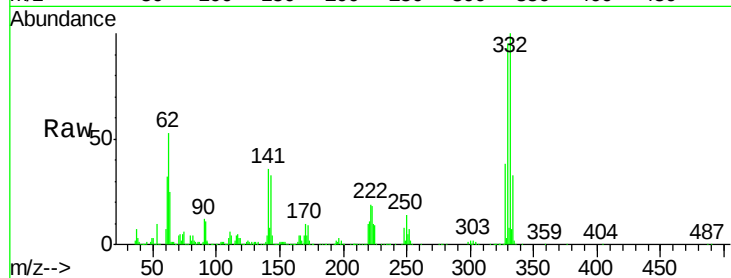
Tot Ion:330 Resp: 839531

Ion Ratio Lower Upper

330 100

332 101.3 77.4 116.2

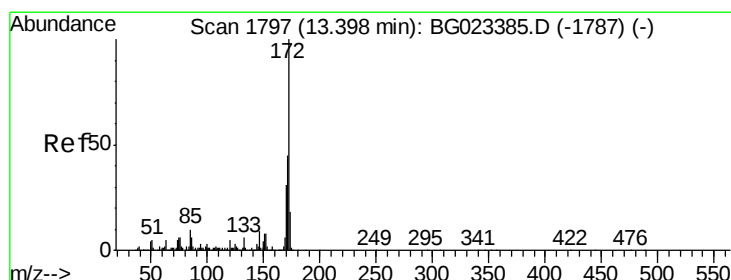
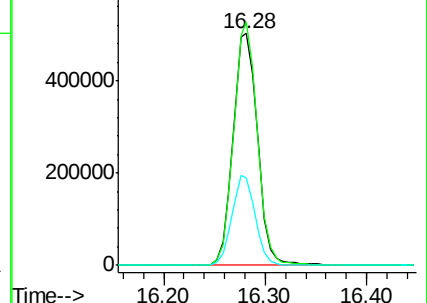
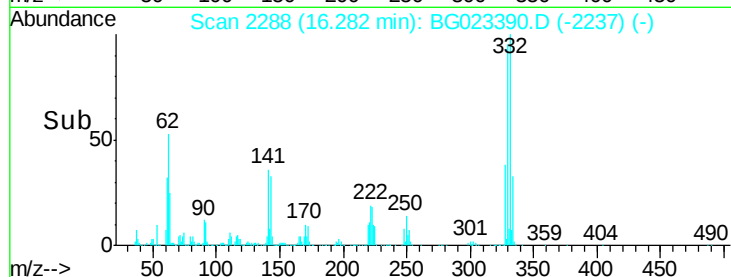
141 36.9 31.7 47.5



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: 90.23 ng

RT: 13.40 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BG023390.D

Acq: 1 Aug 2016 20:38

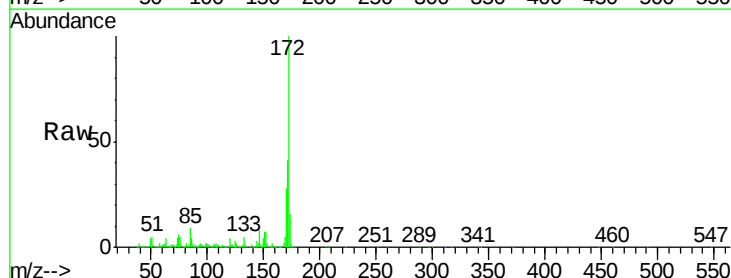
Tgt Ion:172 Resp: 2144249

Ion Ratio Lower Upper

172 100

171 40.6 31.6 47.4

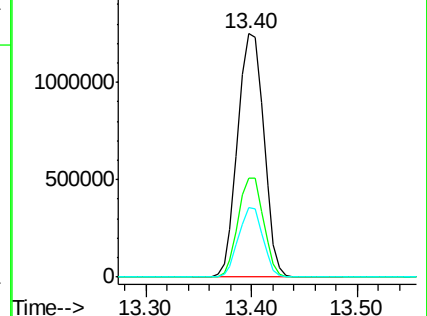
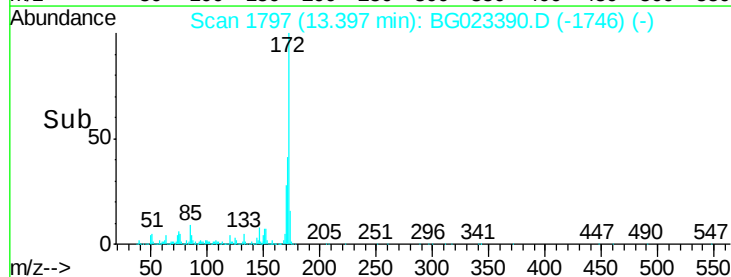
170 28.3 21.3 31.9

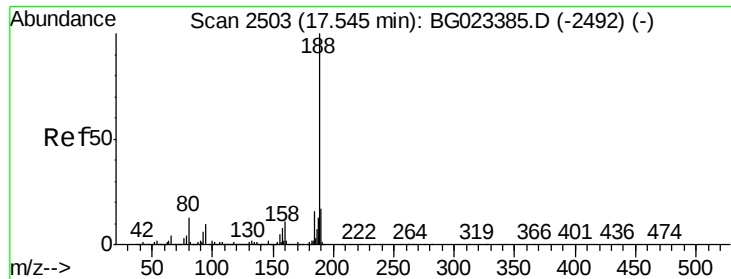


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.54 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG023390.D

Acq: 1 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

PB92598BL

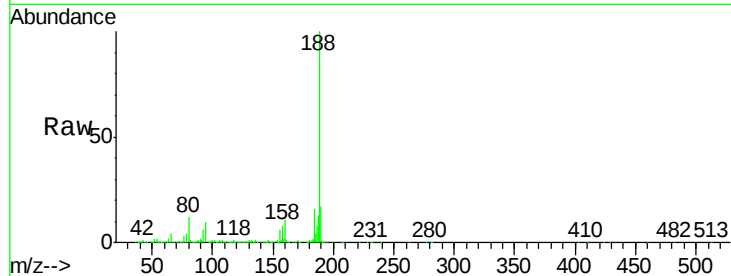
Tot Ion:188 Resp: 1155127

Ion Ratio Lower Upper

188 100

94 10.2 5.2 7.8#

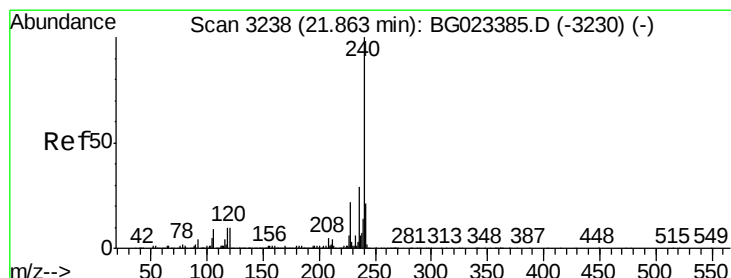
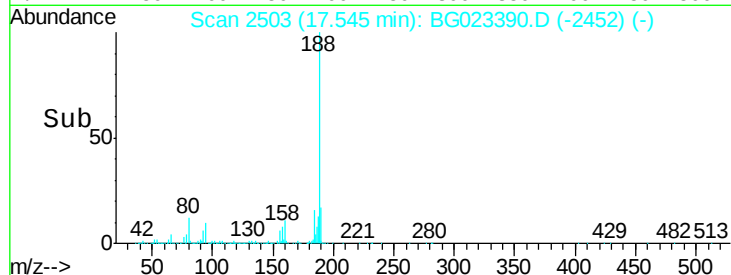
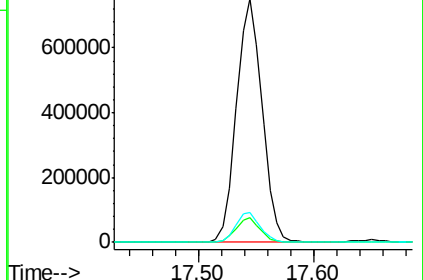
80 12.4 7.2 10.8#



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: 21.86 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BG023390.D

Acq: 1 Aug 2016 20:38

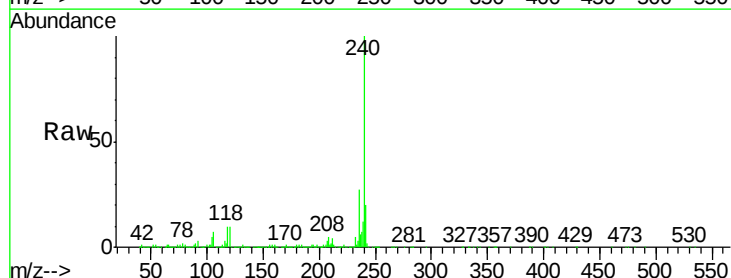
Tgt Ion:240 Resp: 1081515

Ion Ratio Lower Upper

240 100

120 10.2 4.1 6.1#

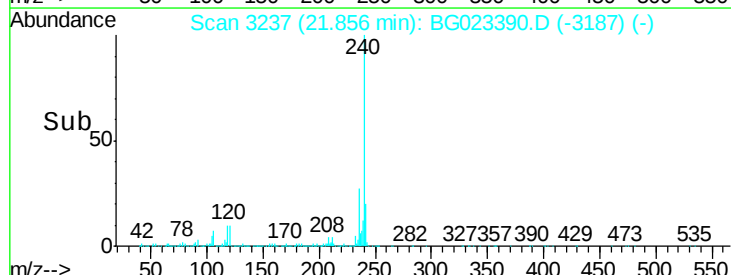
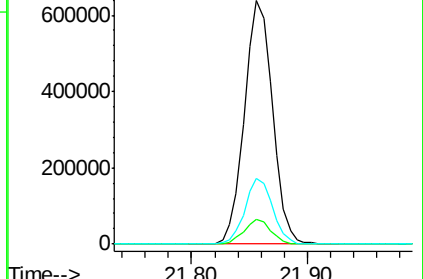
236 27.2 21.1 31.7

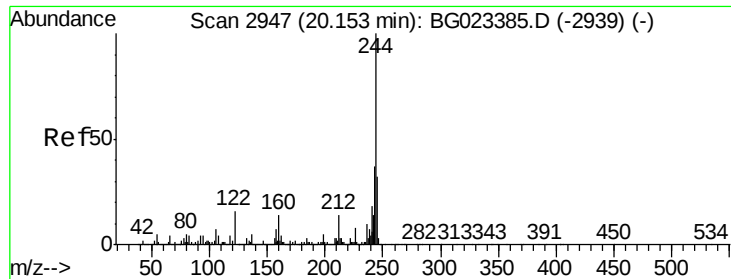


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.40 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023390.D

Acq: 1 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

PB92598BL

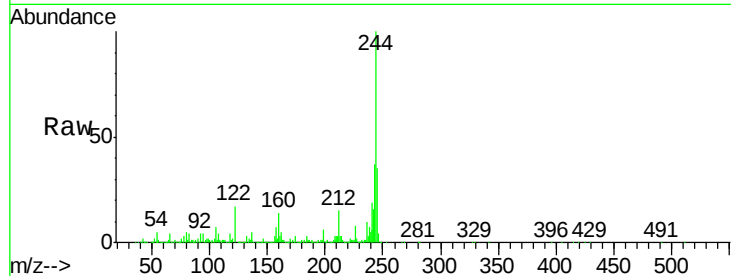
Tot Ion:244 Resp: 3323084

Ion Ratio Lower Upper

244 100

212 15.3 10.8 16.2

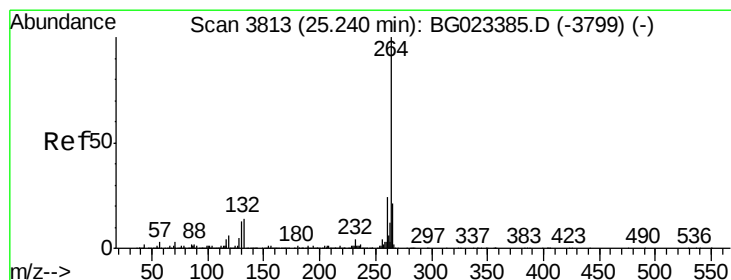
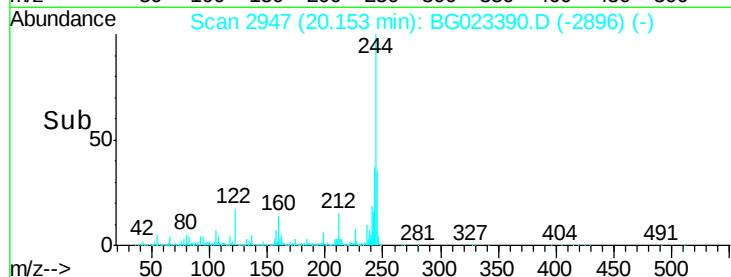
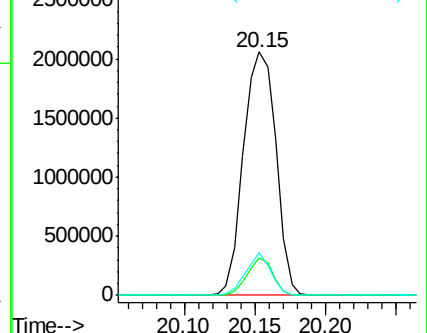
122 17.4 8.0 12.0#



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: BG023390.D

Acq: 1 Aug 2016 20:38

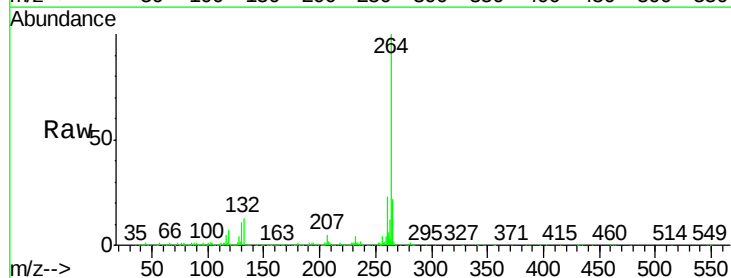
Tgt Ion:264 Resp: 1023167

Ion Ratio Lower Upper

264 100

260 22.7 18.4 27.6

265 21.8 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

