

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092616\
 Data File : BG024137.D
 Acq On : 26 Sep 2016 11:36
 Operator : UM/SJ
 Sample : PB93572BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93572BL

Quant Time: Sep 26 14:55:55 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44858	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	208522	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	174230	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	420633	20.00	ng	0.00
75) Chrysene-d12	21.79	240	449356	20.00	ng	0.00
86) Perylene-d12	25.13	264	428512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	397729	153.61	ng	0.00
7) Phenol-d6	7.22	99	603784	138.59	ng	0.00
23) Nitrobenzene-d5	9.23	82	416653	78.75	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	279880	111.76	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	891622	86.02	ng	0.00
78) Terphenyl-d14	20.09	244	1519084	69.22	ng	0.00

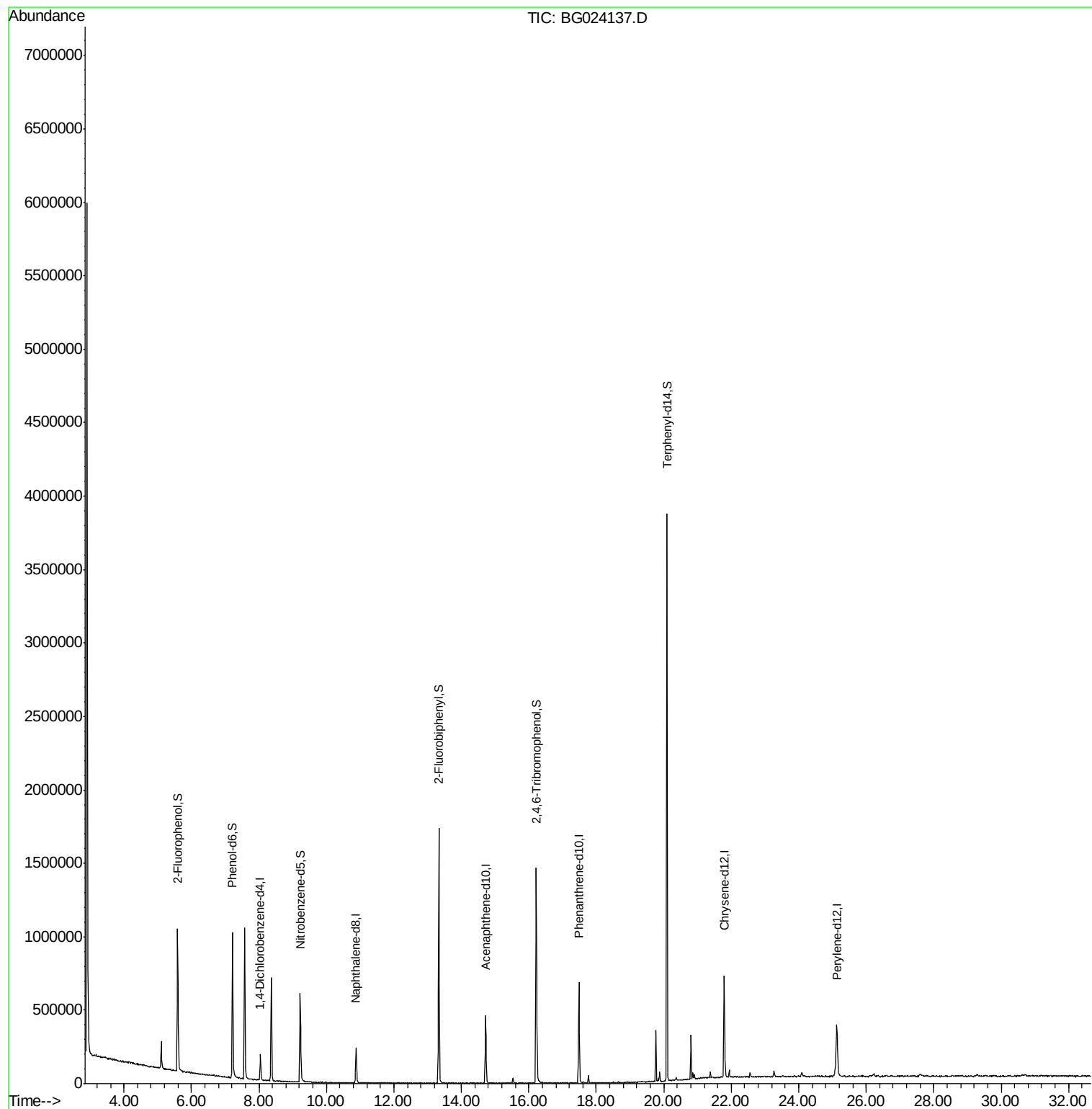
Target Compounds Qvalue

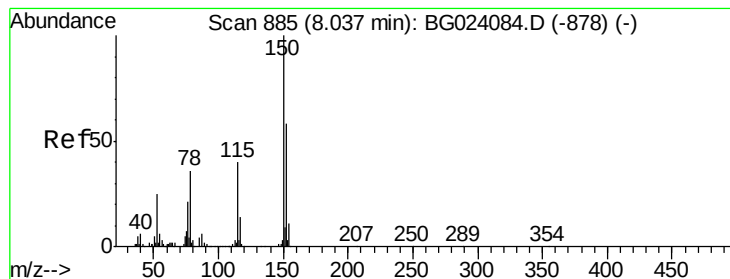
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG024137.D

Acq: 26 Sep 2016 11:36

Instrument :

BNA_G

ClientSampleId :

PB93572BL

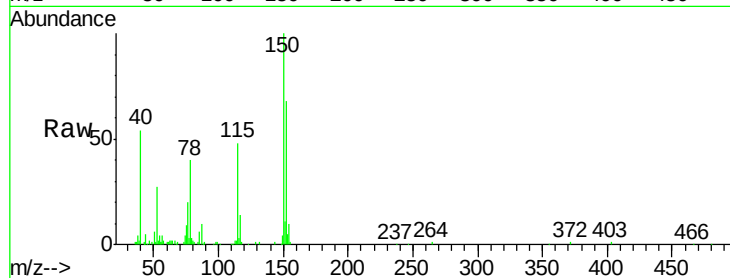
Tot Ion:152 Resp: 44858

Ion Ratio Lower Upper

152 100

150 147.9 144.7 217.1

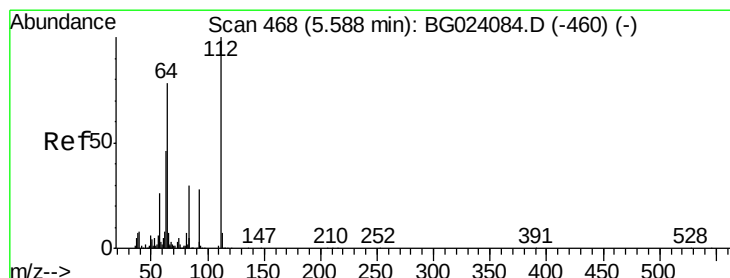
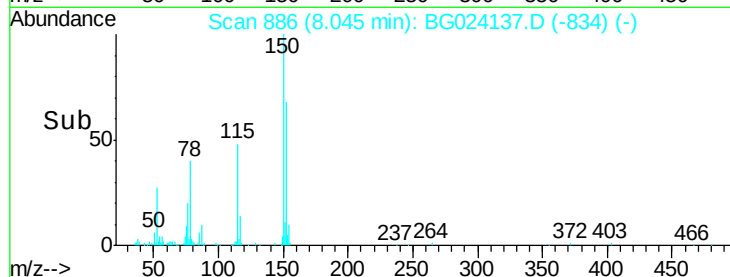
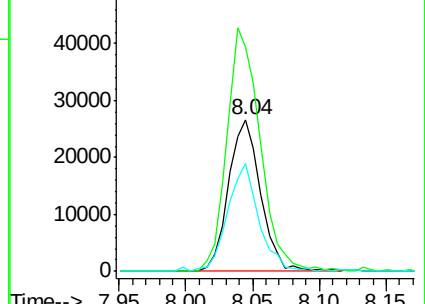
115 71.3 64.0 96.0



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: 153.61 ng

RT: 5.59 min Scan# 468

Delta R.T. 0.00 min

Lab File: BG024137.D

Acq: 26 Sep 2016 11:36

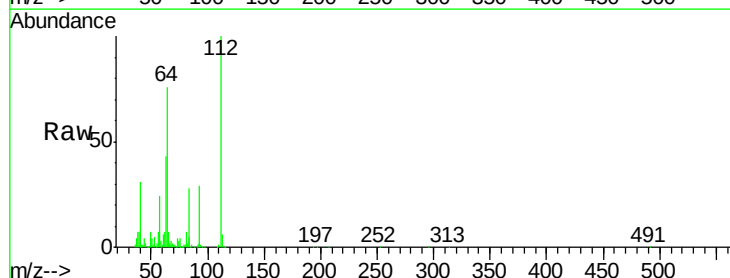
Tgt Ion:112 Resp: 397729

Ion Ratio Lower Upper

112 100

64 76.3 59.0 88.4

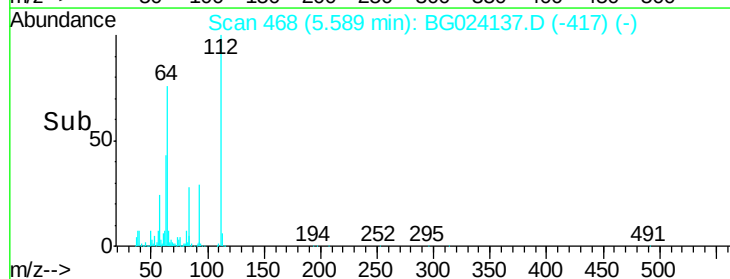
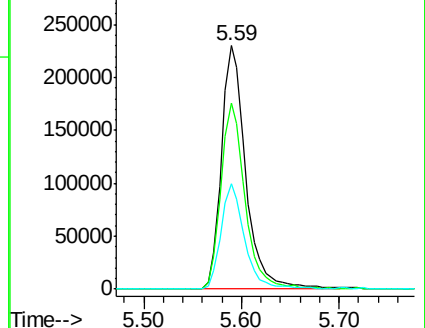
63 43.3 37.8 56.8

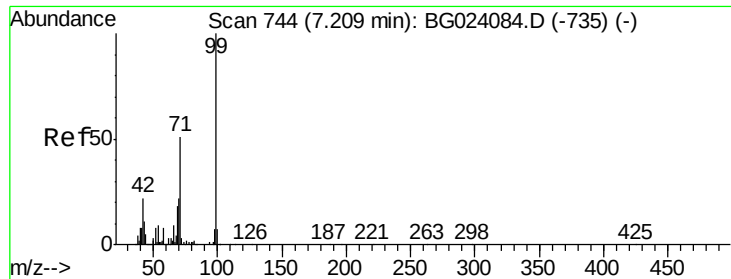


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 138.59 ng

RT: 7.22 min Scan# 745

Delta R.T. 0.01 min

Lab File: BG024137.D

Acq: 26 Sep 2016 11:36

Instrument :

BNA_G

ClientSampleId :

PB93572BL

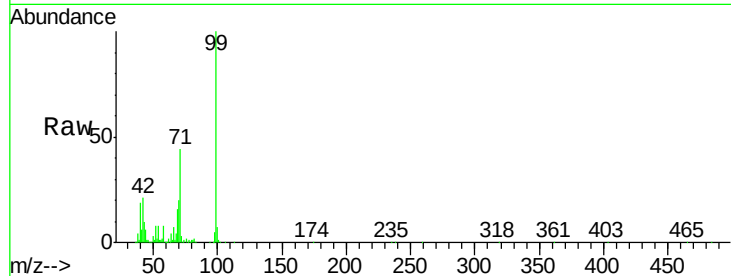
Tot Ion: 99 Resp: 603784

Ion Ratio Lower Upper

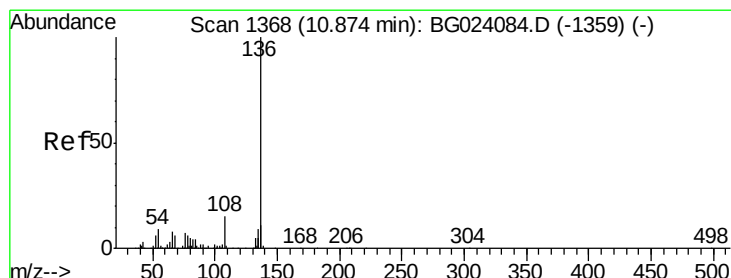
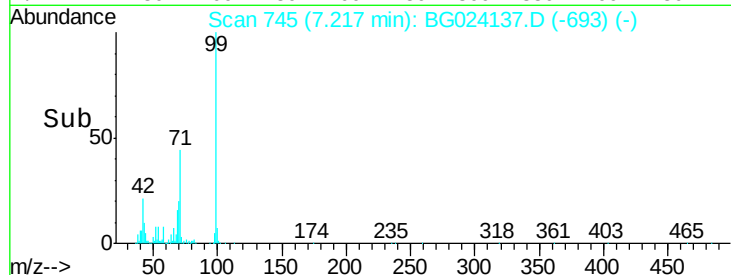
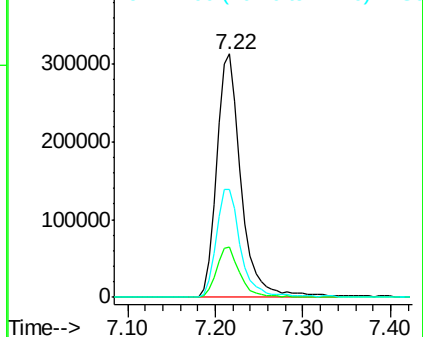
99 100

42 20.6 17.8 26.6

71 44.3 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: 10.88 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BG024137.D

Acq: 26 Sep 2016 11:36

Tgt Ion: 136 Resp: 208522

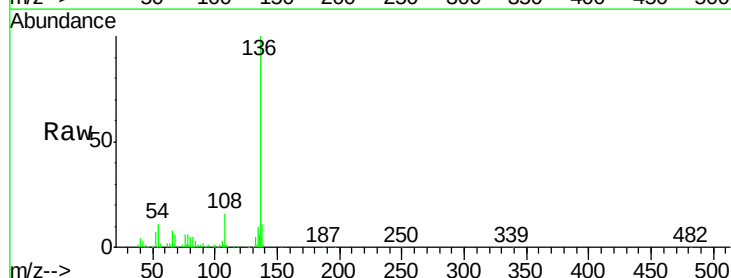
Ion Ratio Lower Upper

136 100

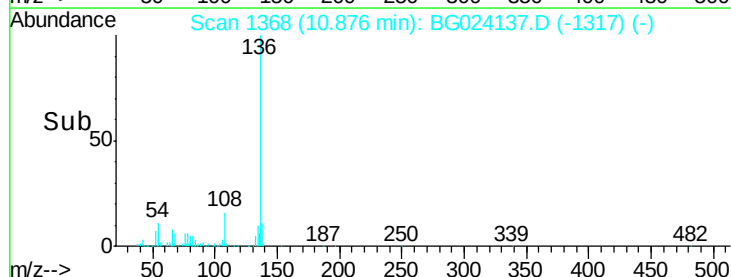
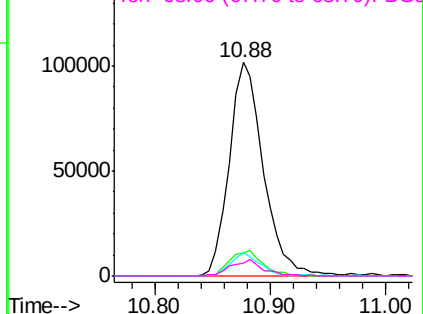
137 10.9 9.6 14.4

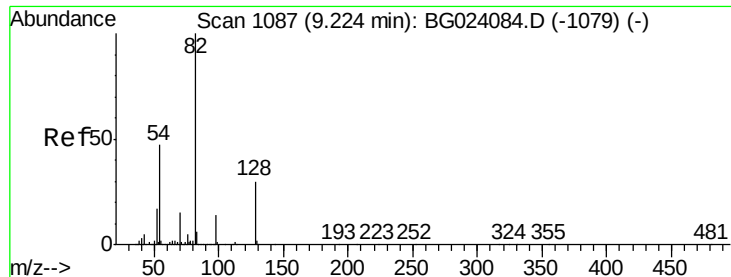
54 10.7 7.3 10.9

68 6.1 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

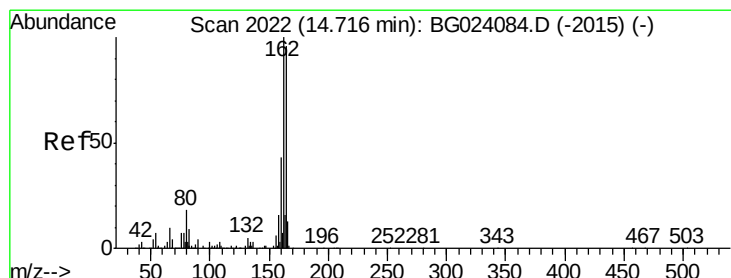
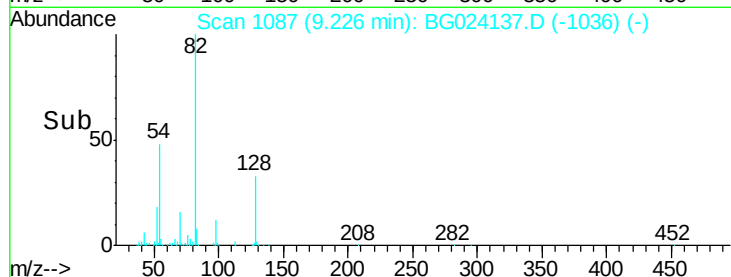
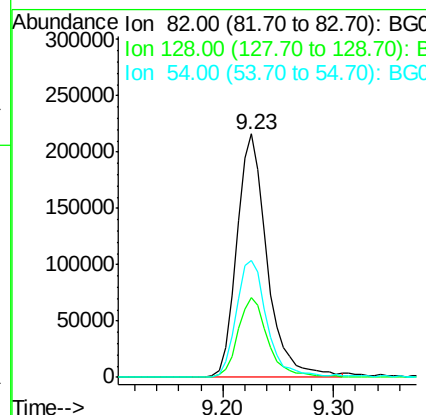
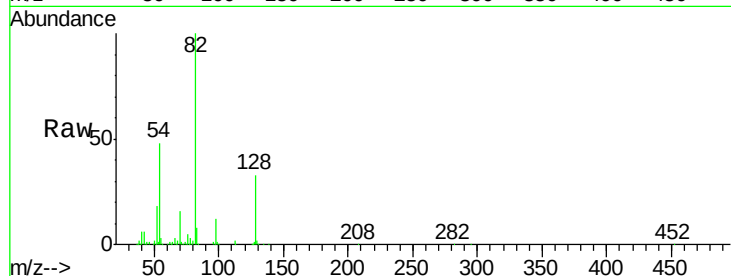




#23
 Nitrobenzene-d5
 Concen: 78.75 ng
 RT: 9.23 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BG024137.D
 Acq: 26 Sep 2016 11:36

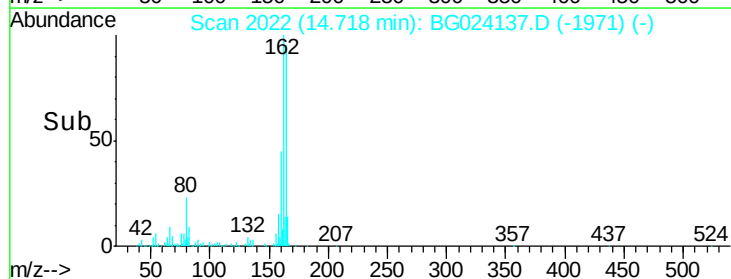
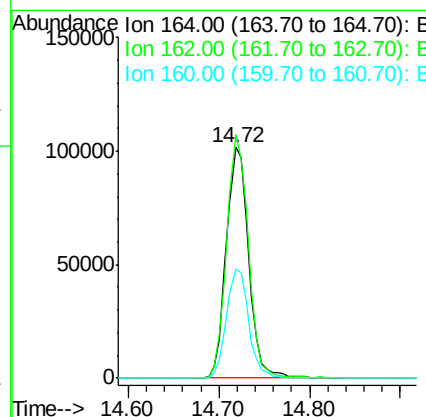
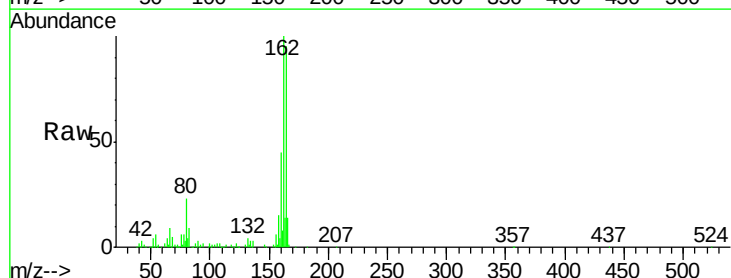
Instrument :
 BNA_G
 ClientSampleID :
 PB93572BL

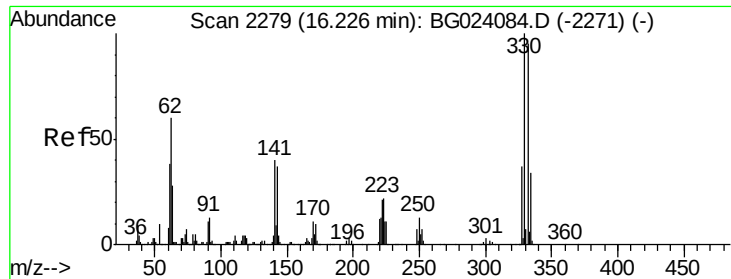
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.6	24.4	36.6
54	48.2	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BG024137.D
 Acq: 26 Sep 2016 11:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	87.7	131.5
160	47.6	37.2	55.8

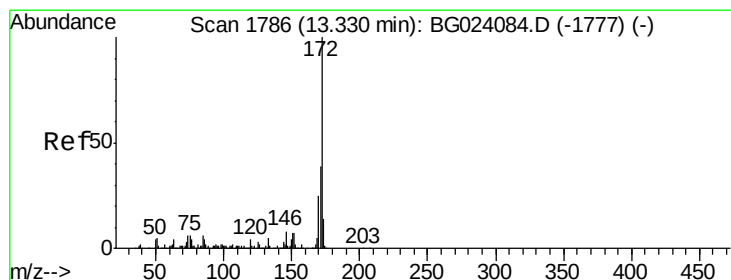
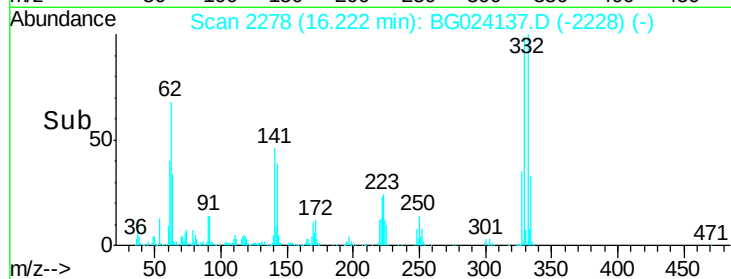
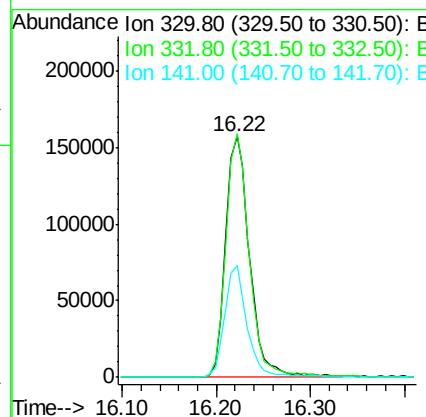
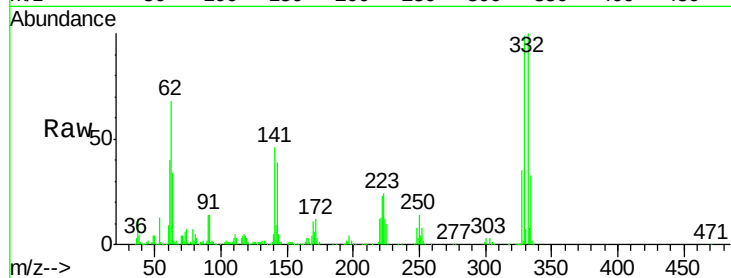




#41
 2,4,6-Tribromophenol
 Concen: 111.76 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BG024137.D
 Acq: 26 Sep 2016 11:36

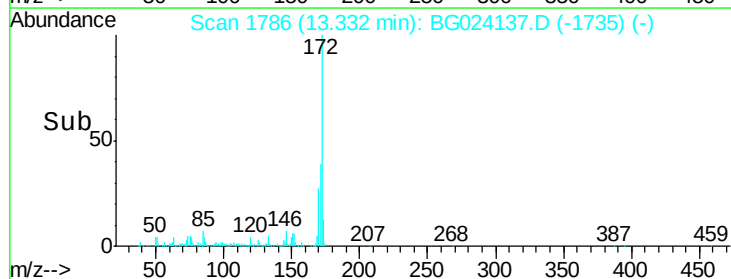
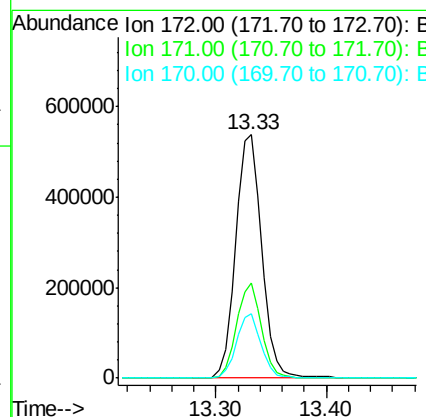
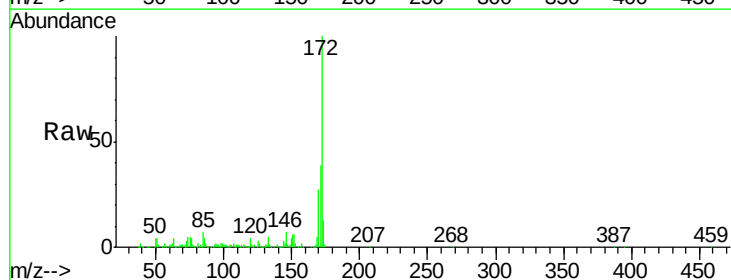
Instrument :
 BNA_G
 ClientSampleId :
 PB93572BL

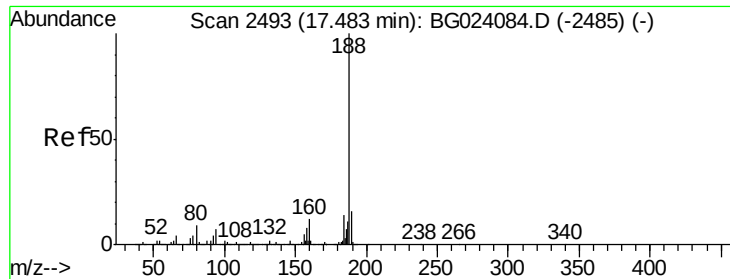
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.4	116.2
141	43.1	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 86.02 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BG024137.D
 Acq: 26 Sep 2016 11:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.6	47.4
170	26.6	21.3	31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG024137.D

Acq: 26 Sep 2016 11:36

Instrument :

BNA_G

ClientSampleId :

PB93572BL

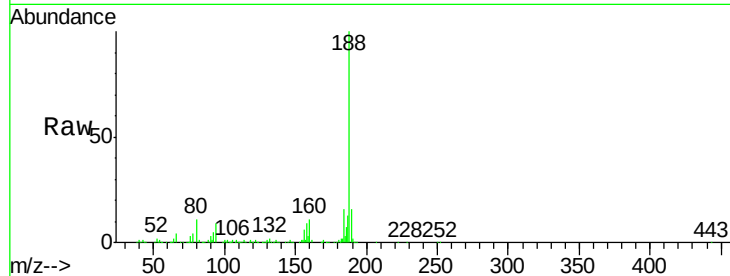
Tot Ion:188 Resp: 420633

Ion Ratio Lower Upper

188 100

94 8.8 5.2 7.8#

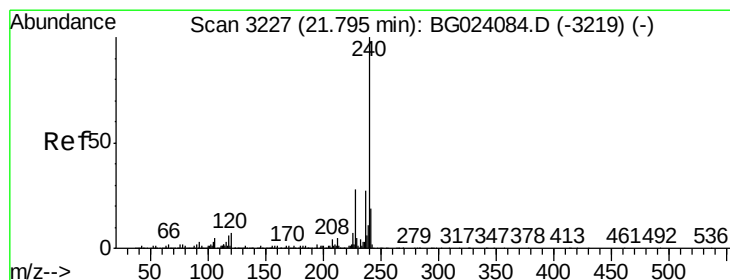
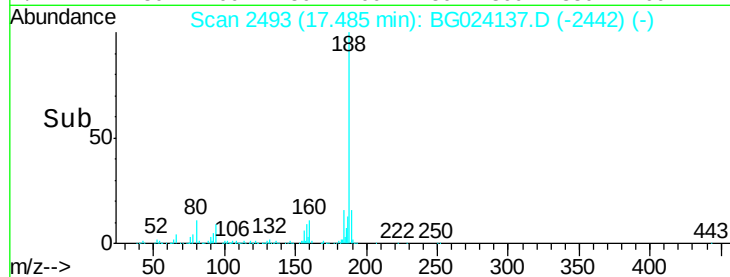
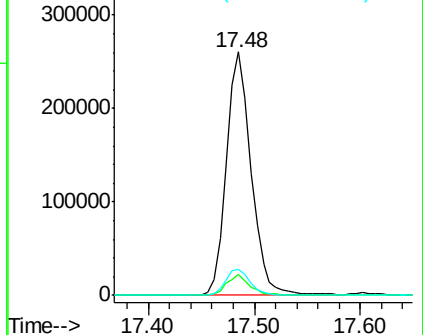
80 10.8 7.2 10.8#



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: 21.79 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BG024137.D

Acq: 26 Sep 2016 11:36

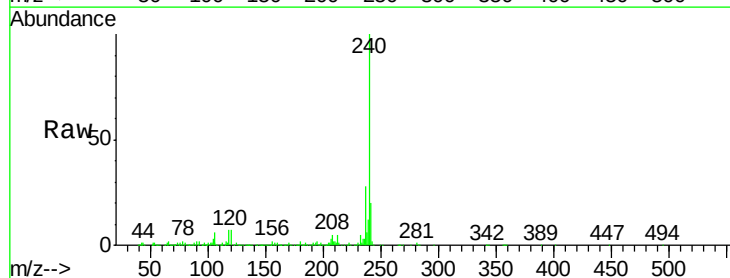
Tgt Ion:240 Resp: 449356

Ion Ratio Lower Upper

240 100

120 7.3 4.1 6.1#

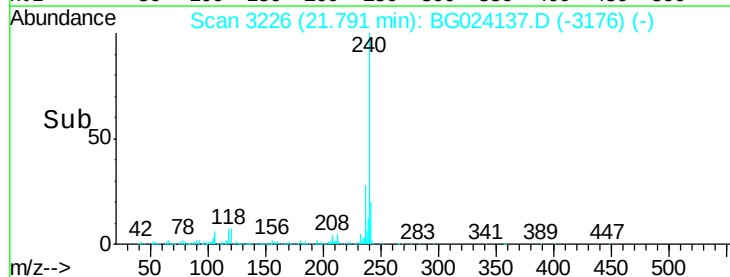
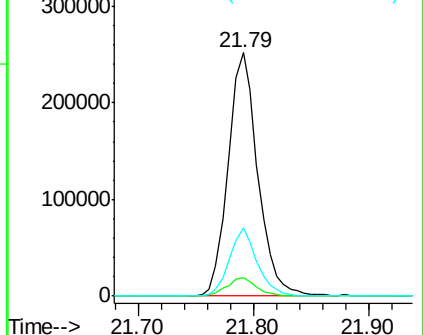
236 28.2 21.1 31.7

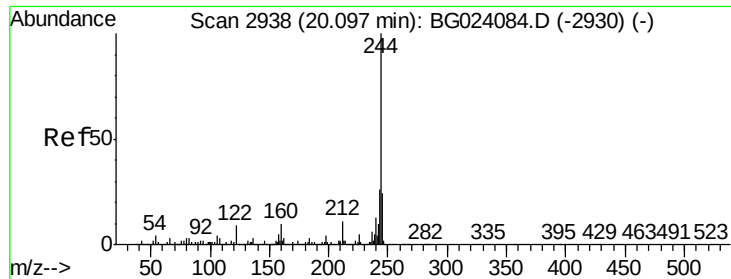


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.22 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BG024137.D

Acq: 26 Sep 2016 11:36

Instrument :

BNA_G

ClientSampleId :

PB93572BL

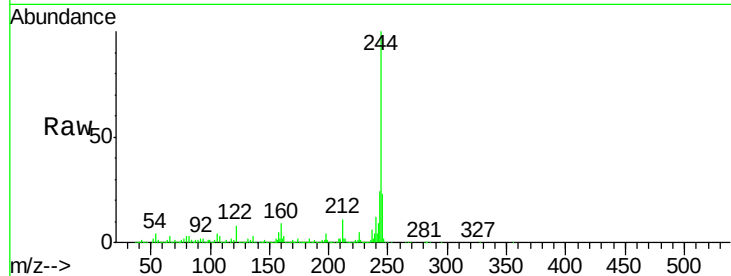
Tot Ion:244 Resp: 1519084

Ion Ratio Lower Upper

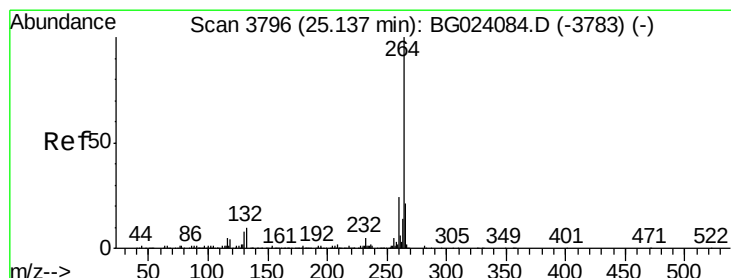
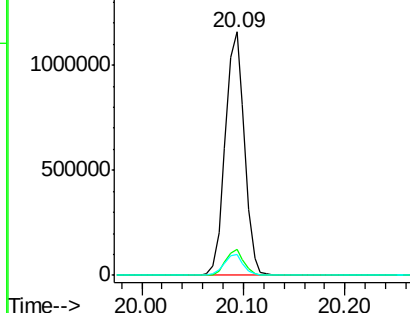
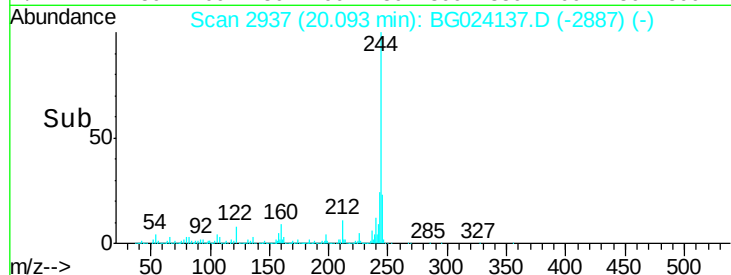
244 100

212 10.5 10.8 16.2#

122 8.4 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: 25.13 min Scan# 3794

Delta R.T. -0.01 min

Lab File: BG024137.D

Acq: 26 Sep 2016 11:36

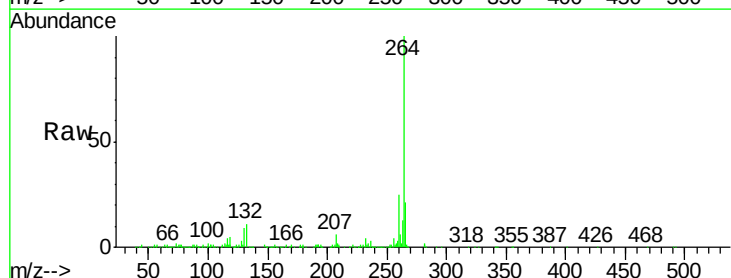
Tgt Ion:264 Resp: 428512

Ion Ratio Lower Upper

264 100

260 25.0 18.4 27.6

265 20.8 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

