

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110116\
 Data File : BG024597.D
 Acq On : 1 Nov 2016 17:53
 Operator : UM/SJ
 Sample : PB94460BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94460BL

Quant Time: Nov 02 02:17:21 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	126161	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	467621	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	356933	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	814101	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1086293	20.00	ng	-0.01
86) Perylene-d12	25.34	264	1150610	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	928296	120.60	ng	0.00
7) Phenol-d6	7.41	99	1279264	121.16	ng	0.00
23) Nitrobenzene-d5	9.44	82	900318	87.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.37	330	656491	123.11	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1813940	84.47	ng	0.00
78) Terphenyl-d14	20.20	244	3013691	82.90	ng	-0.01

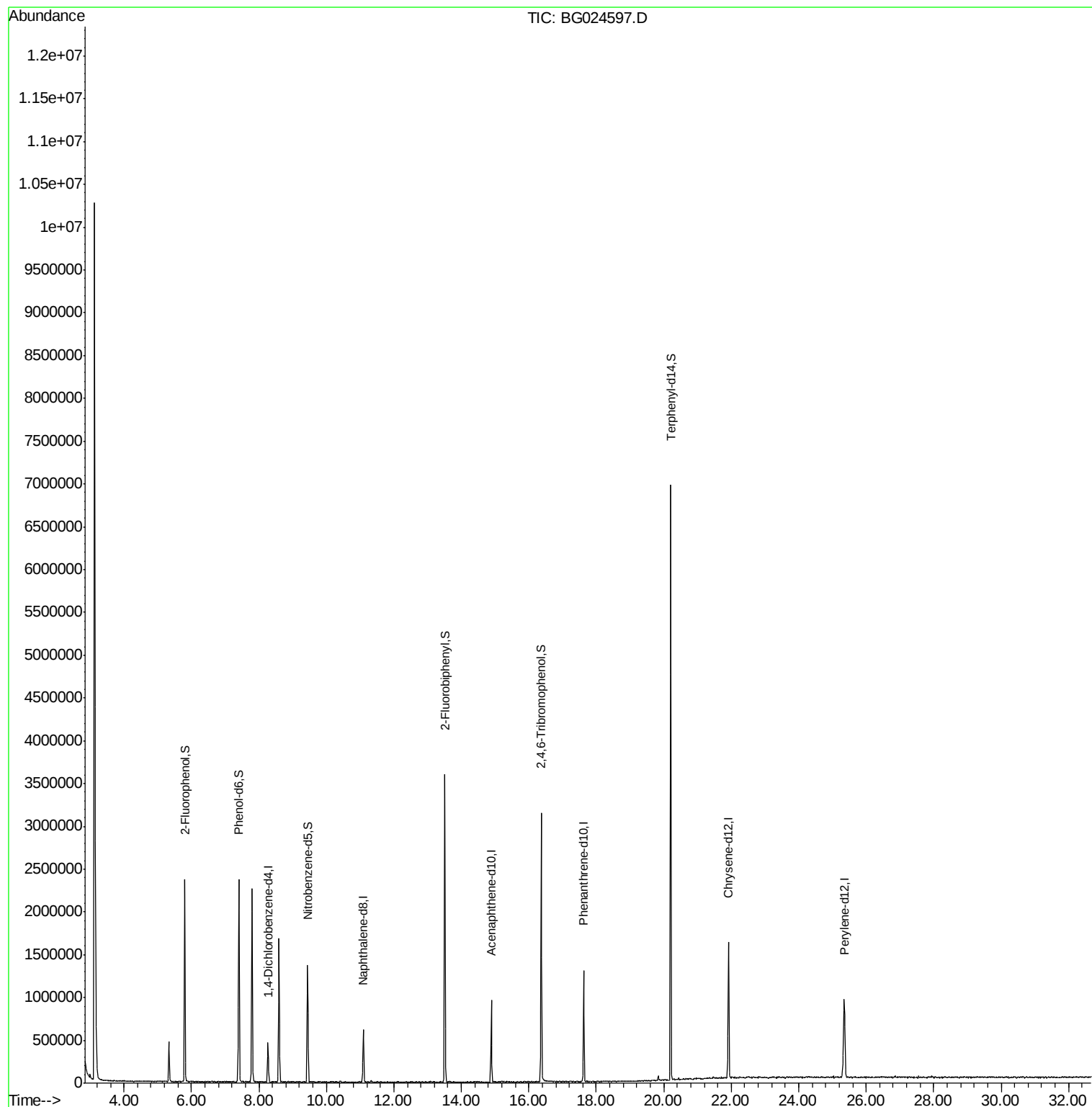
Target Compounds	Qvalue
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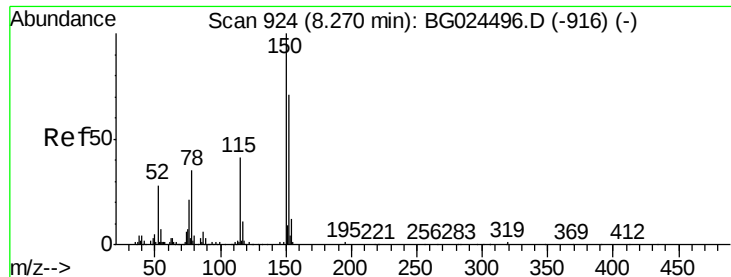
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024597.D

Acq: 1 Nov 2016 17:53

Instrument :

BNA_G

ClientSampled :

PB94460BL

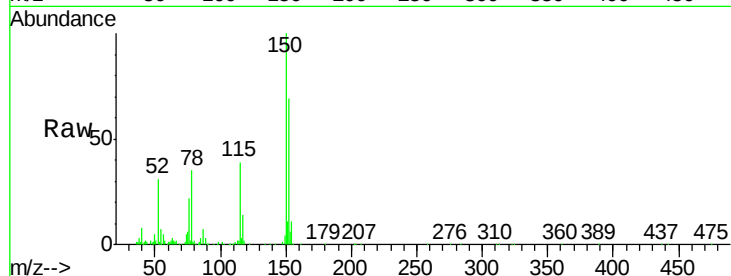
Tgt Ion:152 Resp: 126161

Ion Ratio Lower Upper

152 100

150 145.9 114.0 171.0

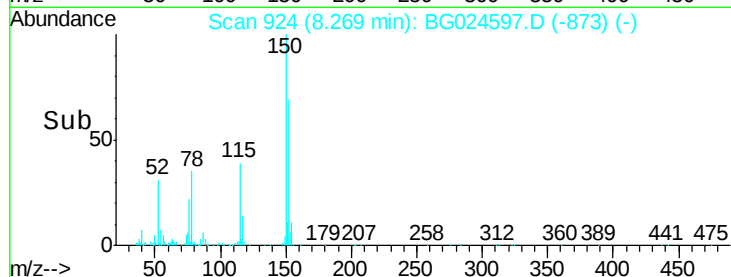
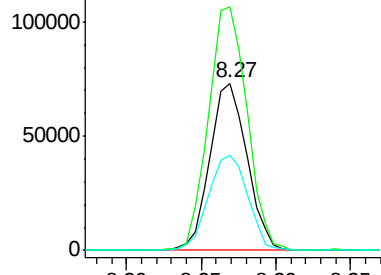
115 57.2 48.1 72.1



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: 120.60 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.01 min

Lab File: BG024597.D

Acq: 1 Nov 2016 17:53

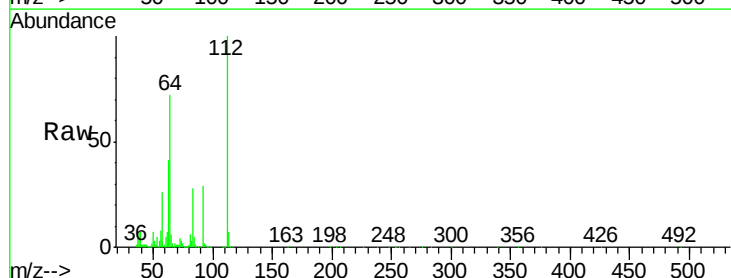
Tgt Ion:112 Resp: 928296

Ion Ratio Lower Upper

112 100

64 71.9 61.8 92.6

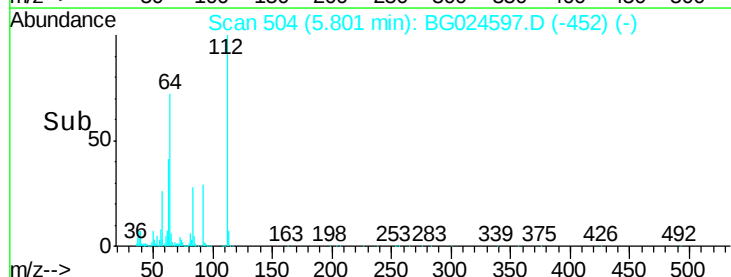
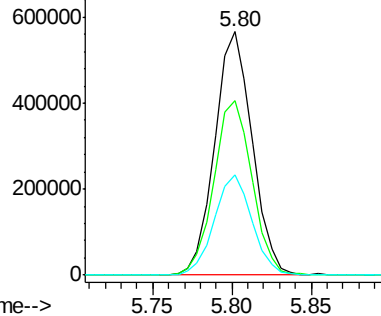
63 41.2 37.2 55.8

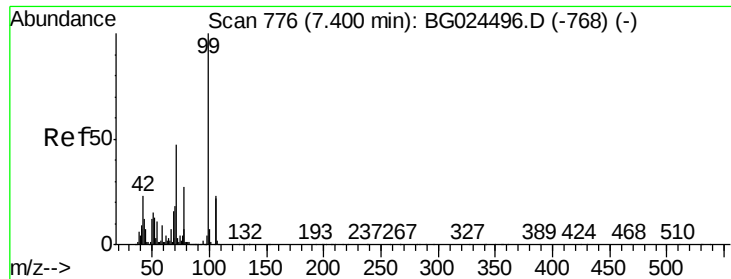


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.16 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024597.D

Acq: 1 Nov 2016 17:53

Instrument :

BNA_G

ClientSampleId :

PB94460BL

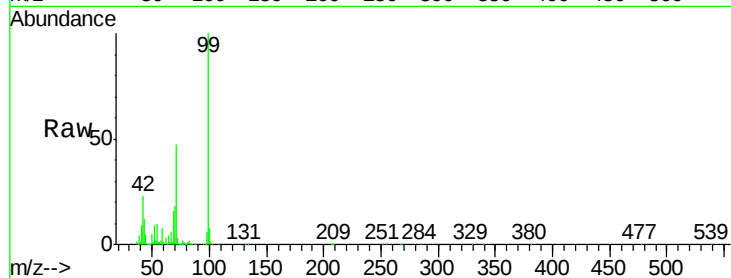
Tgt Ion: 99 Resp: 1279264

Ion Ratio Lower Upper

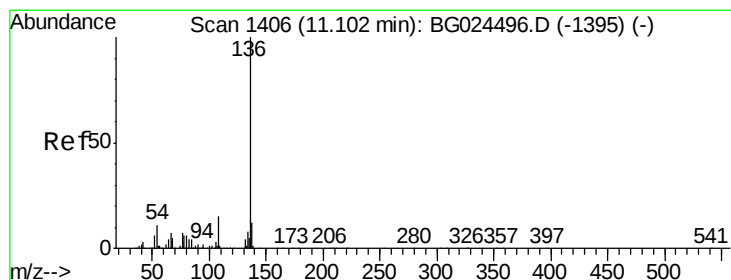
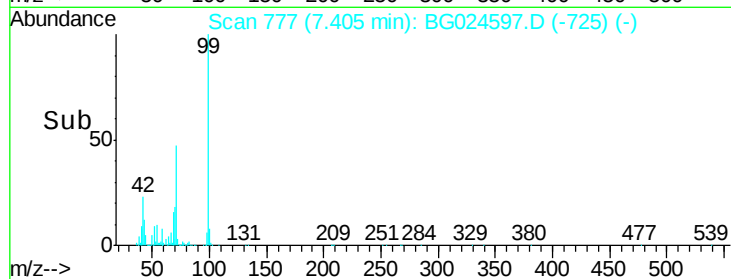
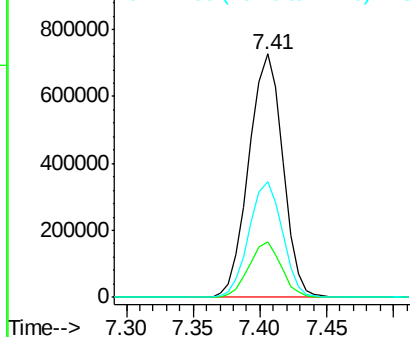
99 100

42 22.5 20.5 30.7

71 47.5 37.6 56.4



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: 11.10 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024597.D

Acq: 1 Nov 2016 17:53

Tgt Ion: 136 Resp: 467621

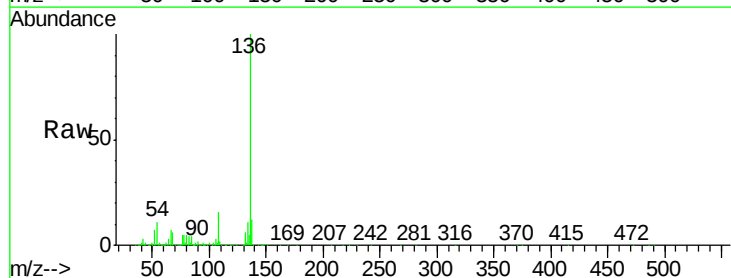
Ion Ratio Lower Upper

136 100

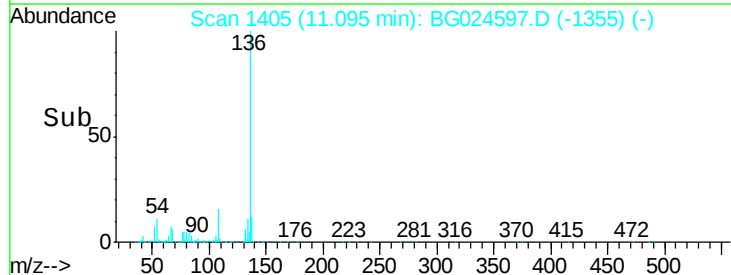
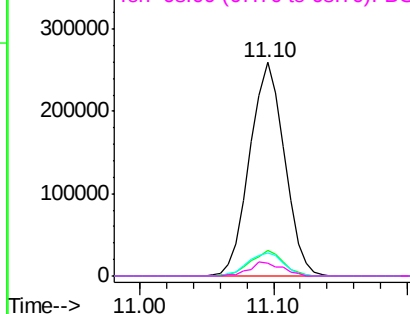
137 11.7 8.9 13.3

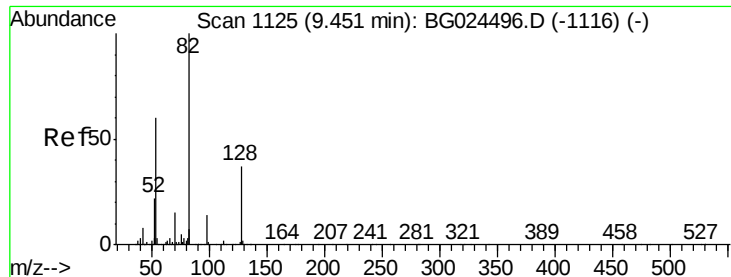
54 10.9 9.3 13.9

68 5.8 5.1 7.7



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: 87.66 ng

RT: 9.44 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BG024597.D

Acq: 1 Nov 2016 17:53

Instrument :

BNA_G

ClientSampleId :

PB94460BL

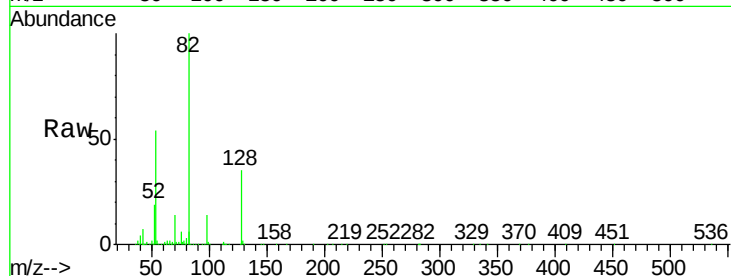
Tgt Ion: 82 Resp: 900318

Ion Ratio Lower Upper

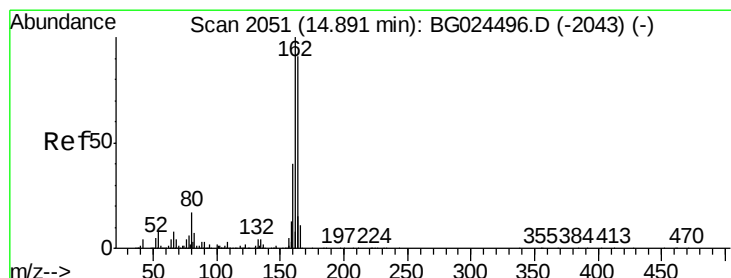
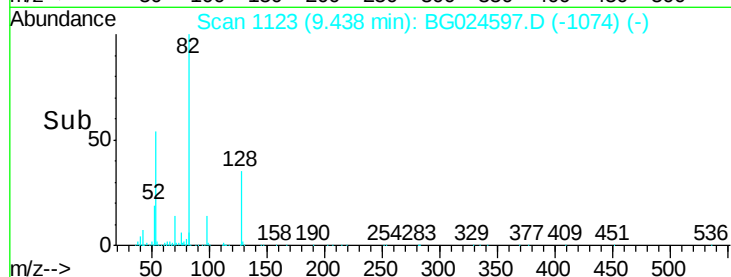
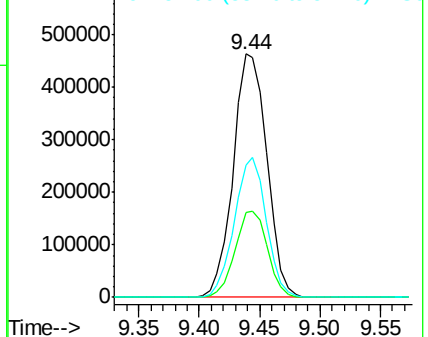
82 100

128 35.0 26.4 39.6

54 54.4 49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024597.D

Acq: 1 Nov 2016 17:53

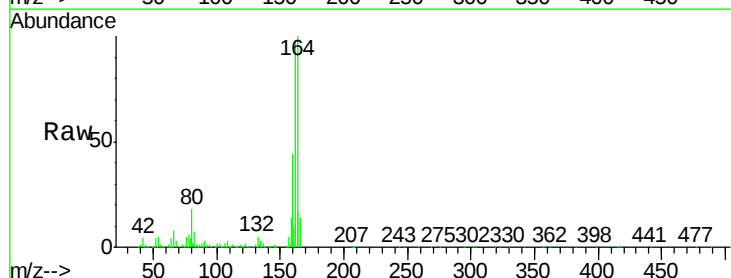
Tgt Ion: 164 Resp: 356933

Ion Ratio Lower Upper

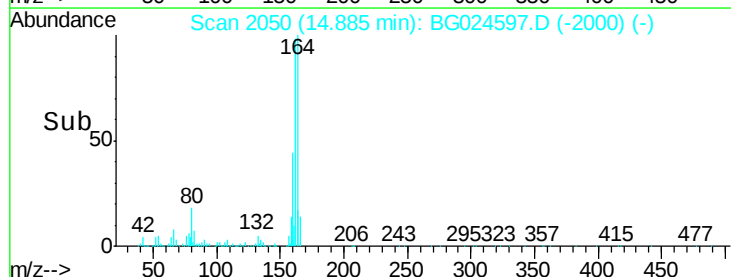
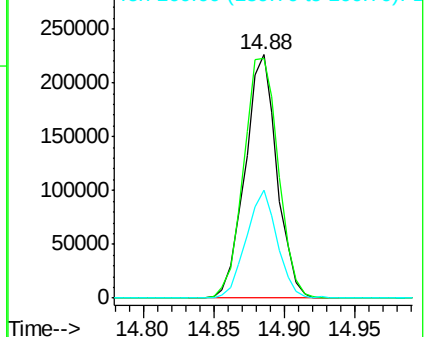
164 100

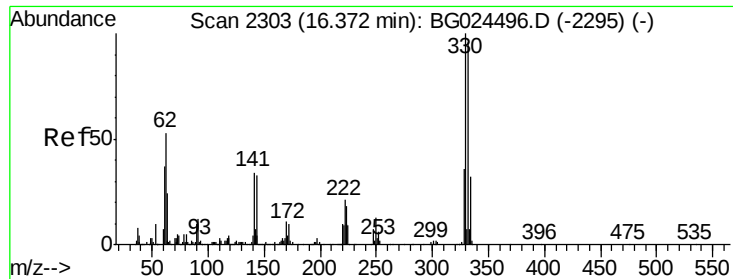
162 98.2 85.1 127.7

160 44.5 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 123.11 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024597.D

Acq: 1 Nov 2016 17:53

Instrument :

BNA_G

ClientSampled :

PB94460BL

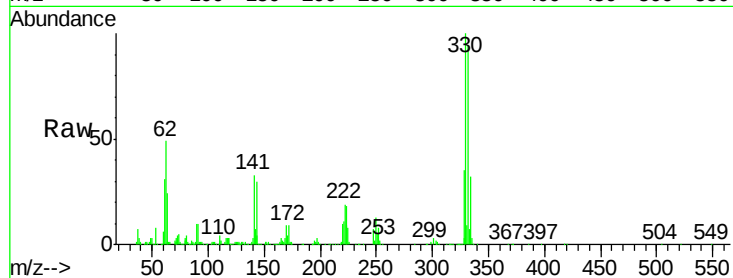
Tgt Ion:330 Resp: 656491

Ion Ratio Lower Upper

330 100

332 94.1 77.3 115.9

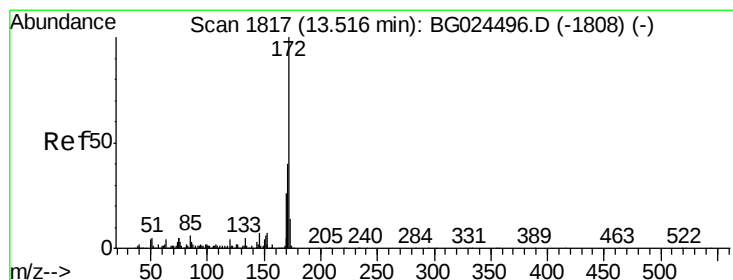
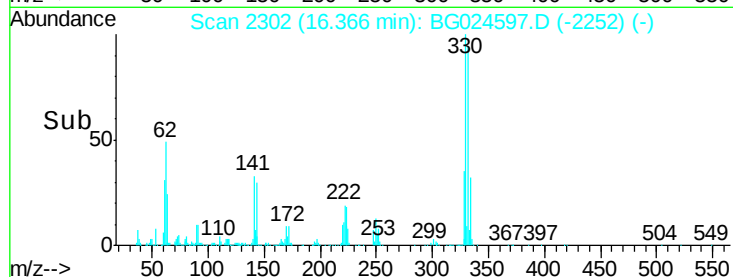
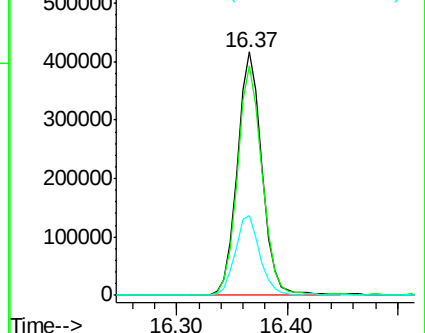
141 32.6 32.1 48.1



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: 84.47 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BG024597.D

Acq: 1 Nov 2016 17:53

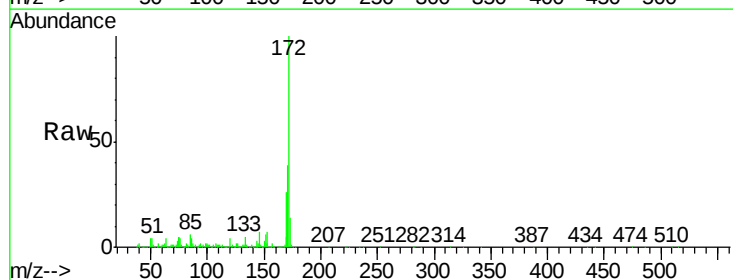
Tgt Ion:172 Resp: 1813940

Ion Ratio Lower Upper

172 100

171 38.9 32.2 48.2

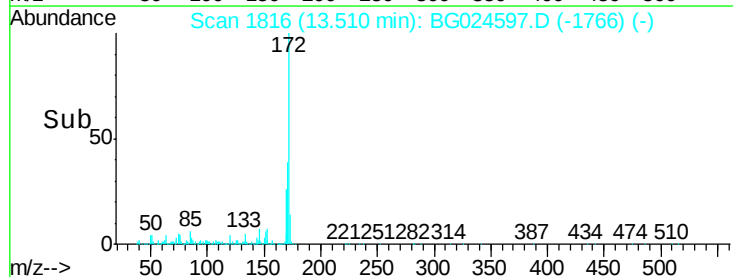
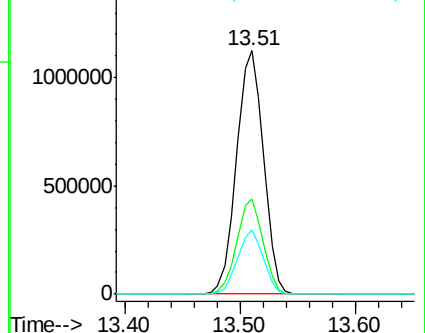
170 26.3 21.8 32.6

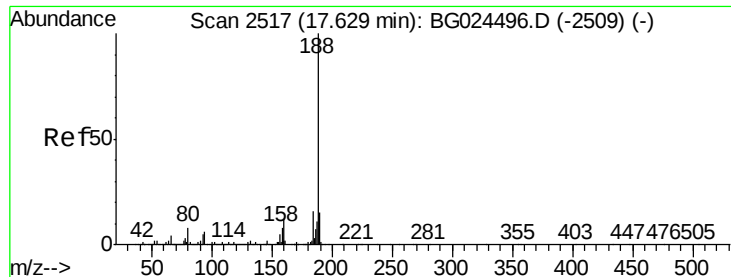


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024597.D

Acq: 1 Nov 2016 17:53

Instrument :

BNA_G

ClientSampleId :

PB94460BL

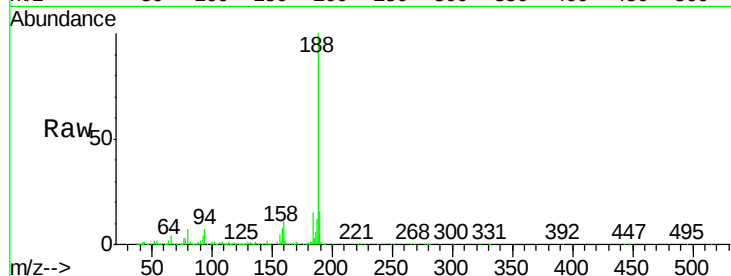
Tgt Ion:188 Resp: 814101

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.8

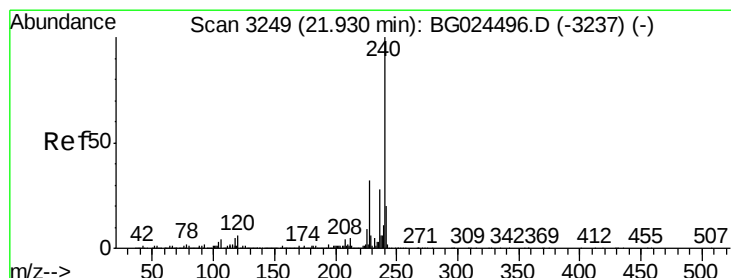
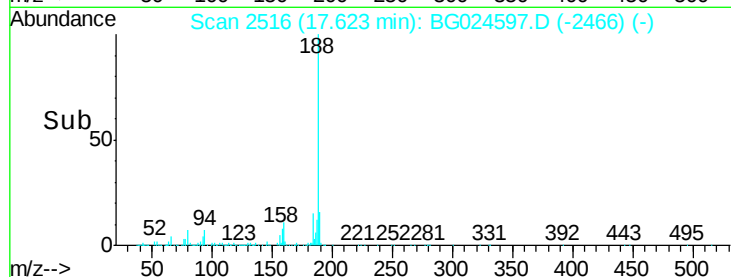
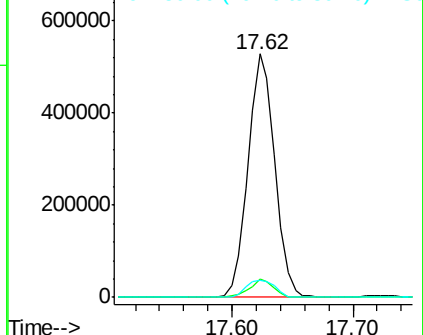
80 6.8 7.5 11.3#



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: 21.92 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG024597.D

Acq: 1 Nov 2016 17:53

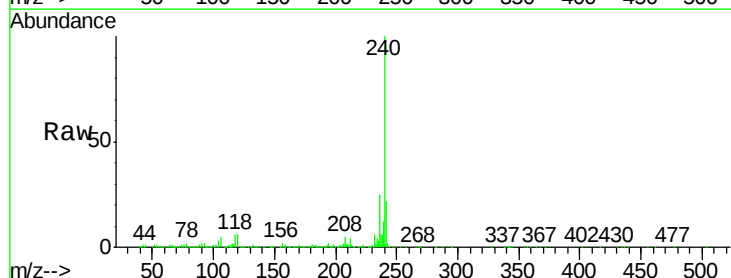
Tgt Ion:240 Resp: 1086293

Ion Ratio Lower Upper

240 100

120 6.4 5.7 8.5

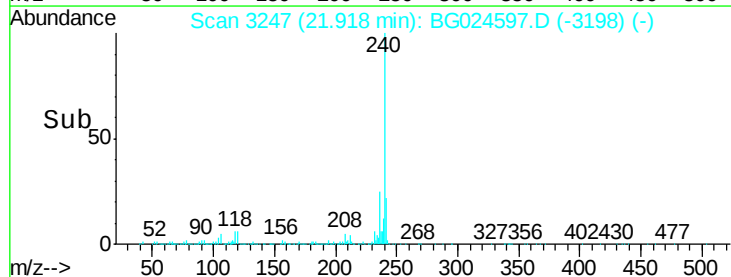
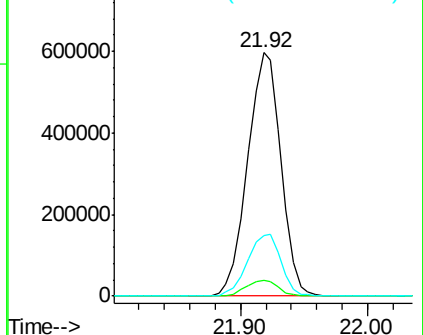
236 25.0 22.2 33.4

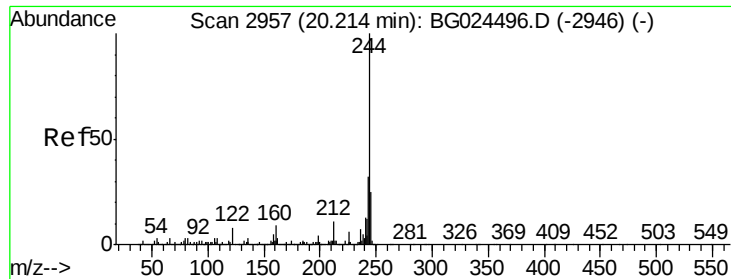


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.90 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024597.D

Acq: 1 Nov 2016 17:53

Instrument :

BNA_G

ClientSampleId :

PB94460BL

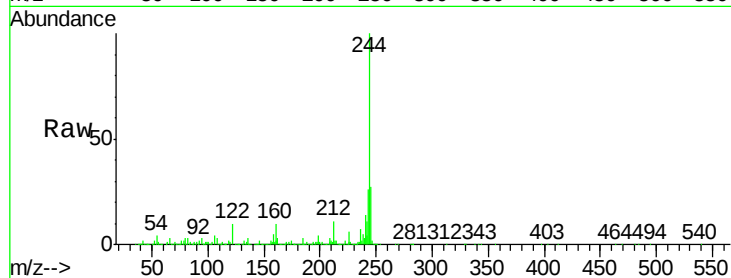
Tgt Ion:244 Resp: 3013691

Ion Ratio Lower Upper

244 100

212 11.3 10.0 15.0

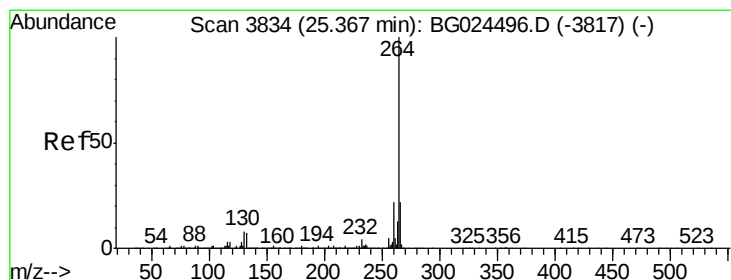
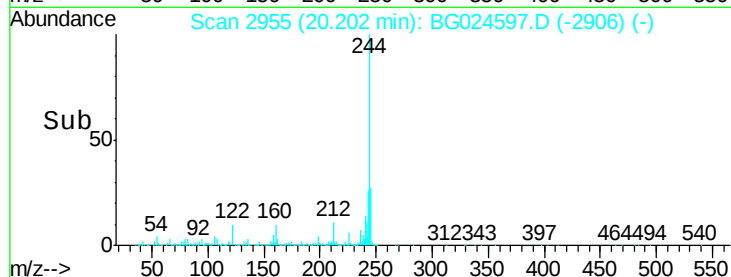
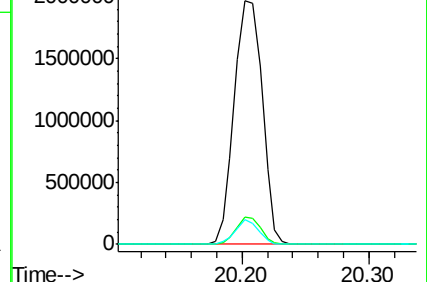
122 10.0 8.6 12.8



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: 25.34 min Scan# 3830

Delta R.T. -0.02 min

Lab File: BG024597.D

Acq: 1 Nov 2016 17:53

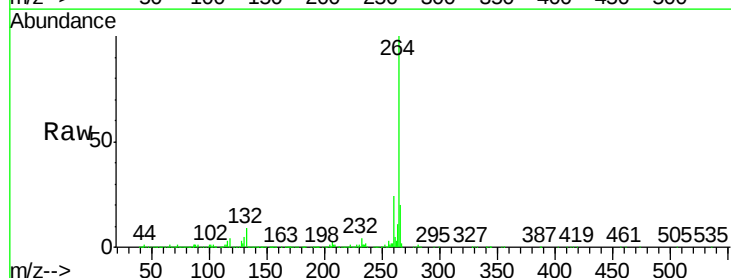
Tgt Ion:264 Resp: 1150610

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

265 20.2 18.2 27.4



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

