

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024576.D
 Acq On : 1 Nov 2016 4:25
 Operator : UM/SJ
 Sample : PB94406BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94406BL

Quant Time: Nov 01 12:02:49 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:50:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	119473	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	479353	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	363168	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	827956	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1096415	20.00	ng	0.00
86) Perylene-d12	25.35	264	1125460	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	744258	102.10	ng	0.00
7) Phenol-d6	7.40	99	1037465	103.76	ng	0.00
23) Nitrobenzene-d5	9.44	82	710493	67.48	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	519169	95.69	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1521543	69.64	ng	0.00
78) Terphenyl-d14	20.21	244	2636979	71.87	ng	0.00

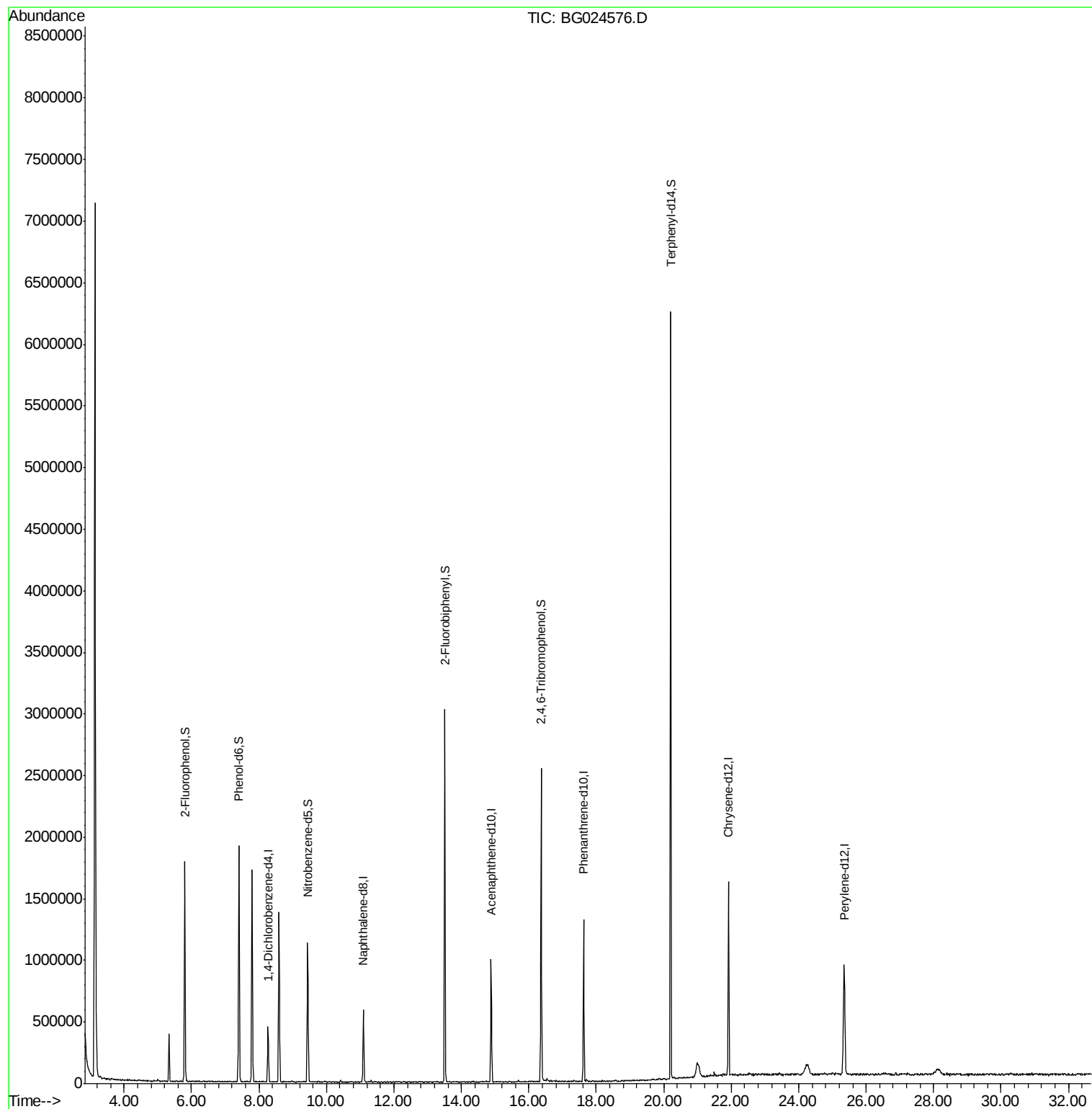
Target Compounds	Qvalue
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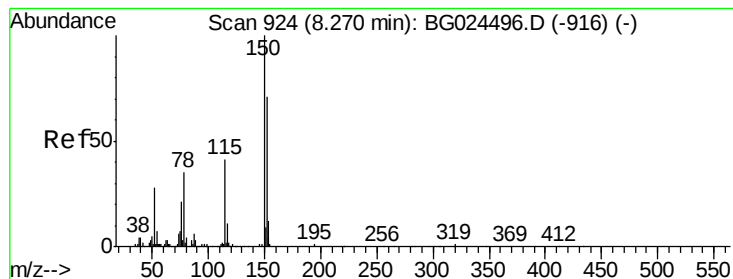
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.01 min

Lab File: BG024576.D

Acq: 1 Nov 2016 4:25

Instrument :

BNA_G

ClientSampleId :

PB94406BL

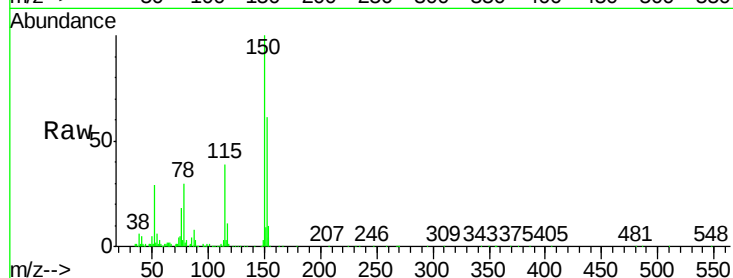
Tgt Ion:152 Resp: 119473

Ion Ratio Lower Upper

152 100

150 164.8 114.0 171.0

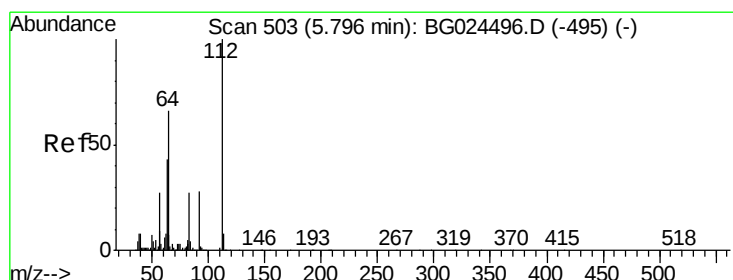
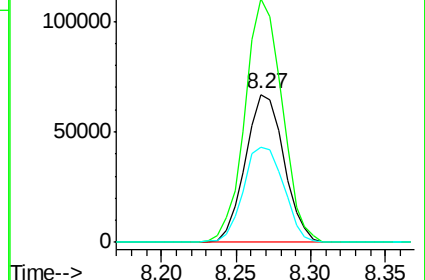
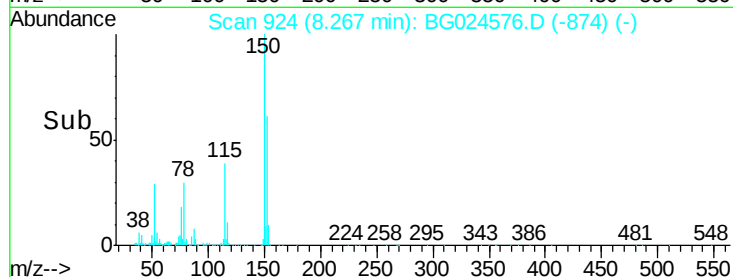
115 64.4 48.1 72.1



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: 102.10 ng

RT: 5.80 min Scan# 504

Delta R.T. -0.00 min

Lab File: BG024576.D

Acq: 1 Nov 2016 4:25

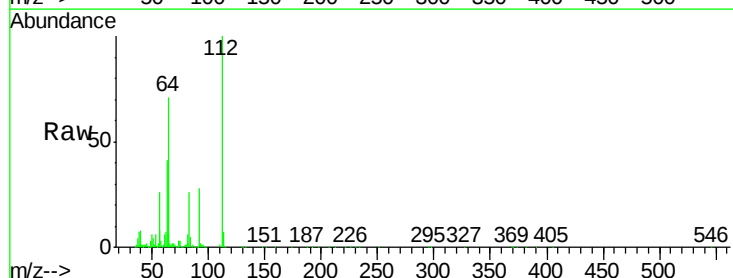
Tgt Ion:112 Resp: 744258

Ion Ratio Lower Upper

112 100

64 71.5 61.8 92.6

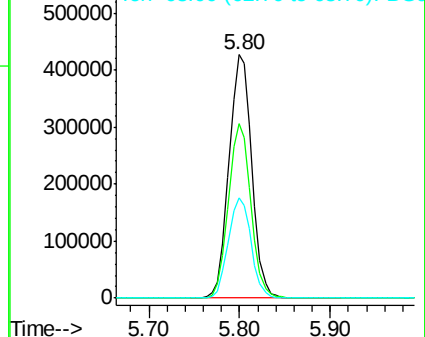
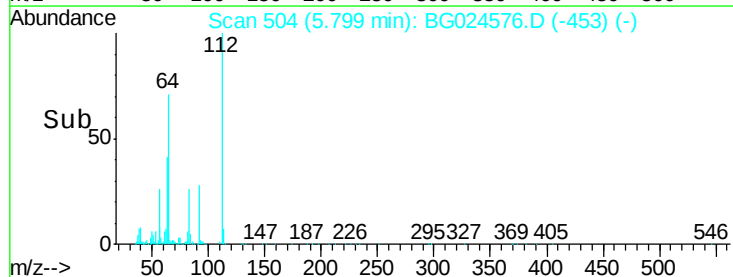
63 41.1 37.2 55.8

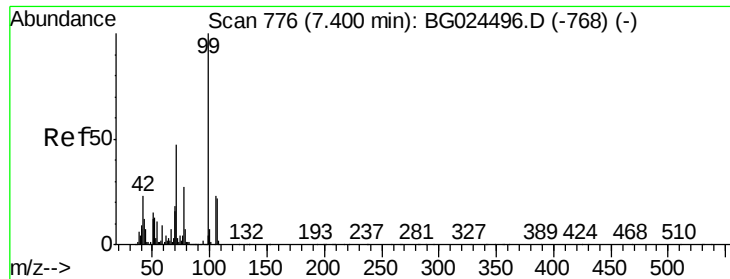


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 103.76 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG024576.D

Acq: 1 Nov 2016 4:25

Instrument :

BNA_G

ClientSampleId :

PB94406BL

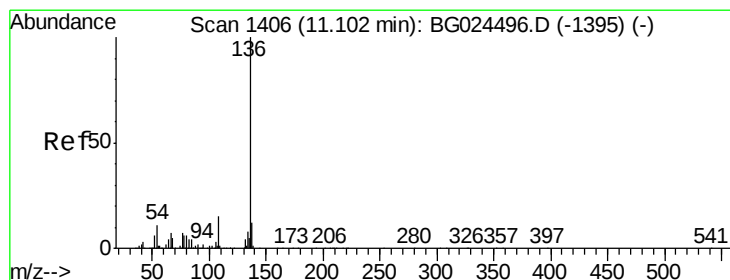
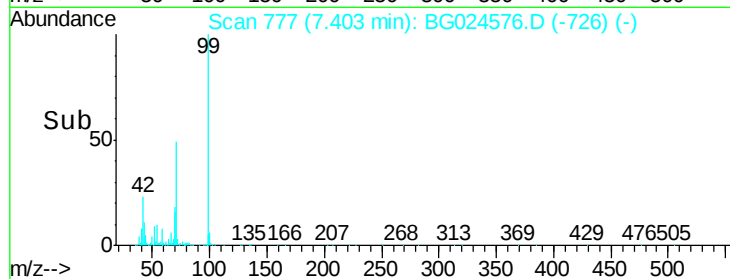
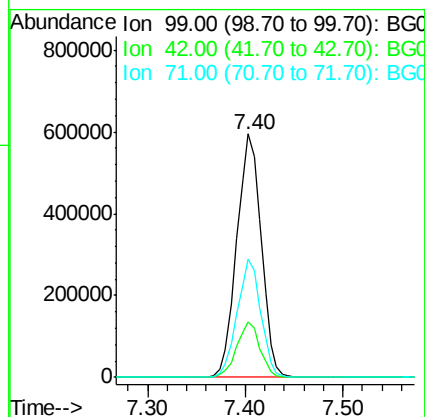
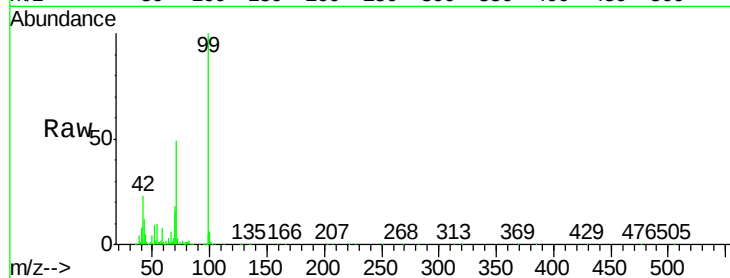
Tgt Ion: 99 Resp: 1037465

Ion Ratio Lower Upper

99 100

42 22.8 20.5 30.7

71 48.8 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG024576.D

Acq: 1 Nov 2016 4:25

Tgt Ion: 136 Resp: 479353

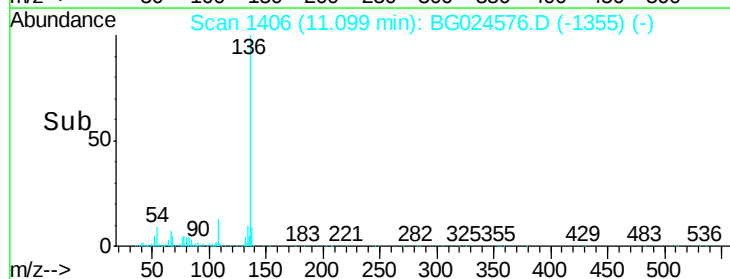
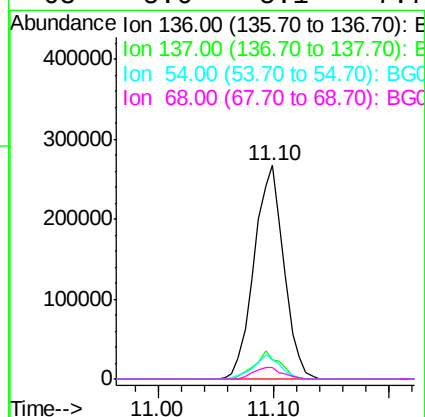
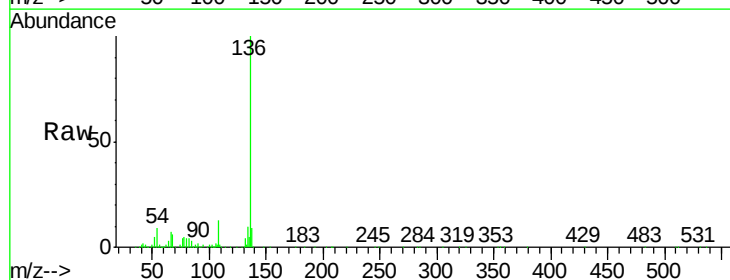
Ion Ratio Lower Upper

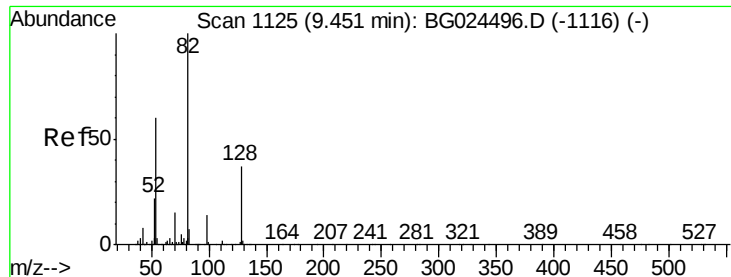
136 100

137 9.1 8.9 13.3

54 9.0 9.3 13.9#

68 5.6 5.1 7.7

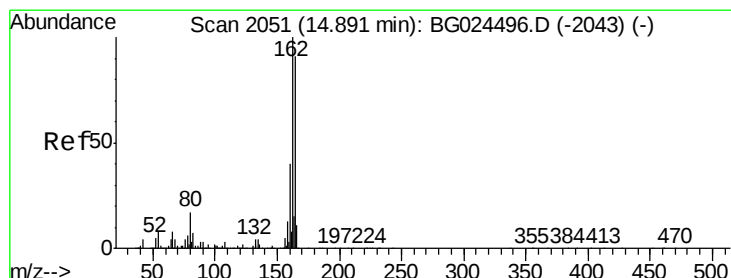
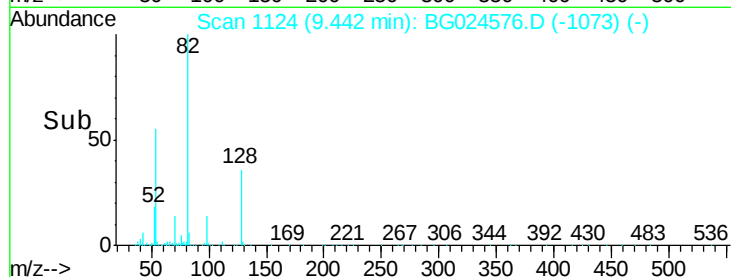
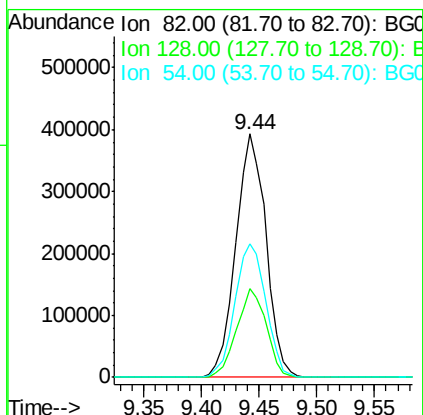
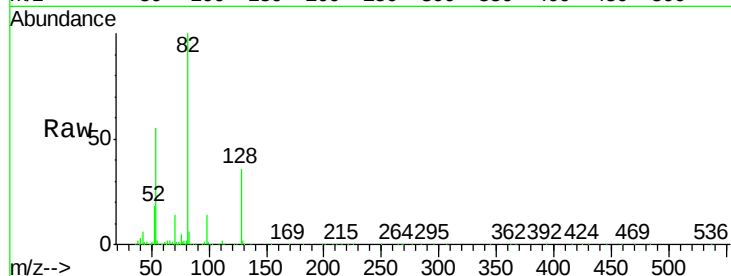




#23
 Nitrobenzene-d5
 Concen: 67.48 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BG024576.D
 Acq: 1 Nov 2016 4:25

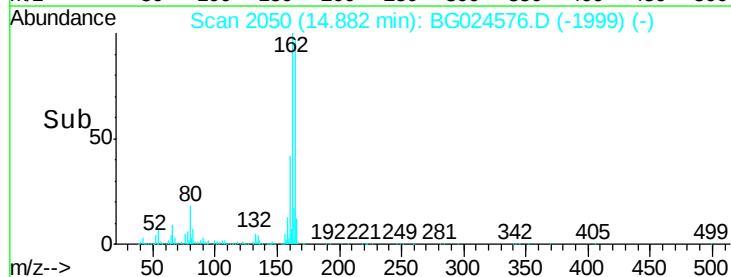
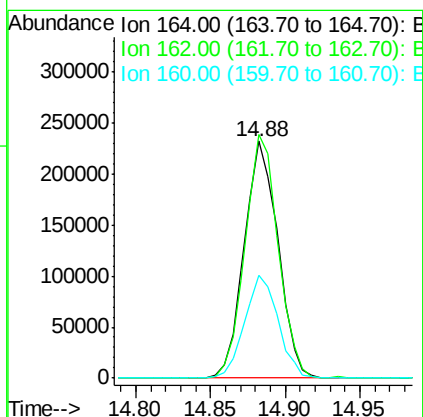
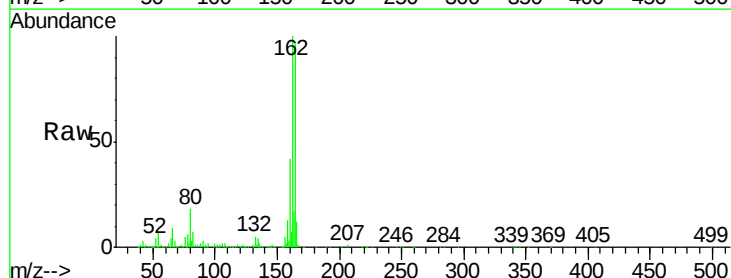
Instrument :
 BNA_G
 ClientSampleId :
 PB94406BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.4	26.4	39.6
54	55.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BG024576.D
 Acq: 1 Nov 2016 4:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	85.1	127.7
160	43.4	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 95.69 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024576.D

Acq: 1 Nov 2016 4:25

Instrument :

BNA_G

ClientSampleId :

PB94406BL

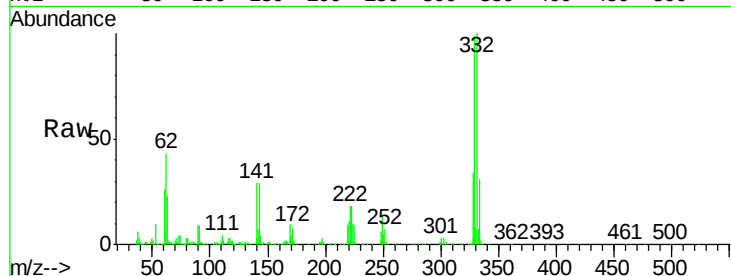
Tgt Ion:330 Resp: 519169

Ion Ratio Lower Upper

330 100

332 100.2 77.3 115.9

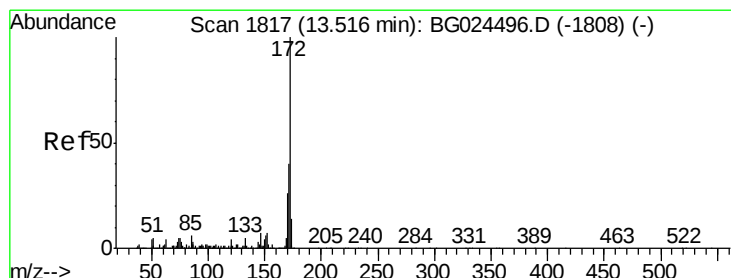
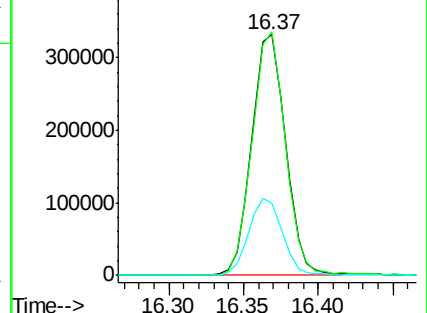
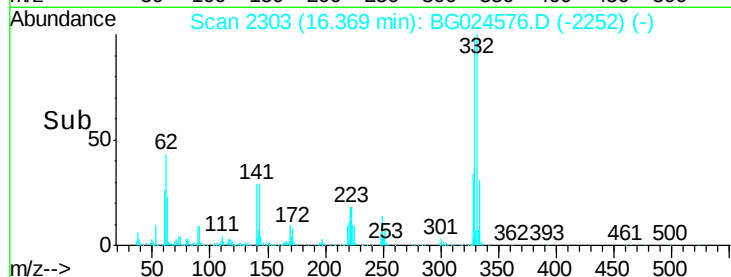
141 32.0 32.1 48.1#



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: 69.64 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BG024576.D

Acq: 1 Nov 2016 4:25

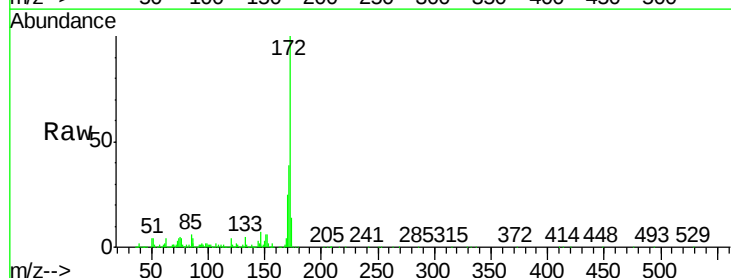
Tgt Ion:172 Resp: 1521543

Ion Ratio Lower Upper

172 100

171 39.2 32.2 48.2

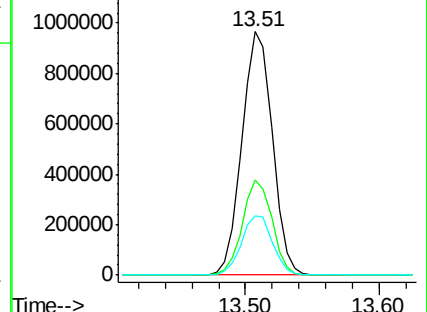
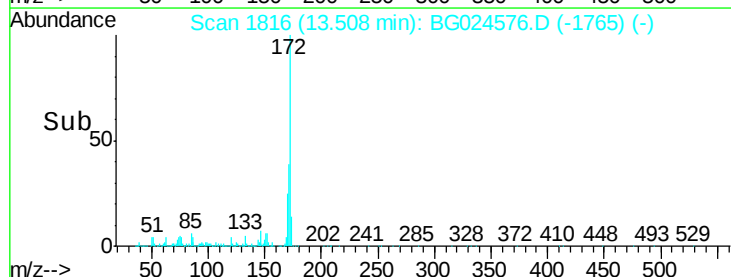
170 24.5 21.8 32.6

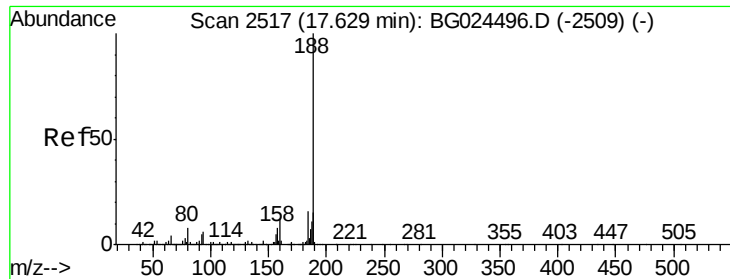


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024576.D

Acq: 1 Nov 2016 4:25

Instrument :

BNA_G

ClientSampleId :

PB94406BL

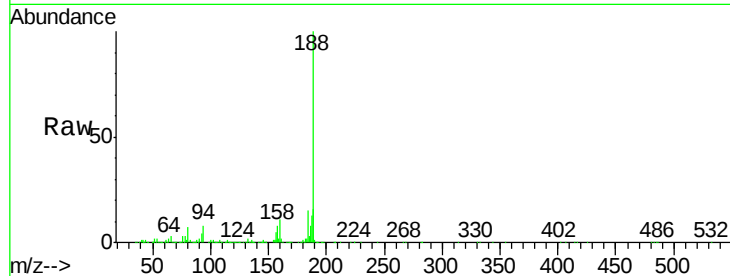
Tgt Ion:188 Resp: 827956

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.8

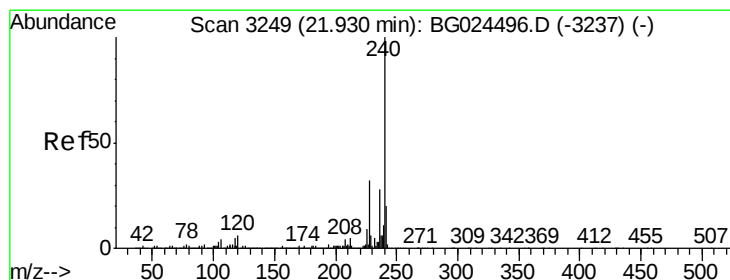
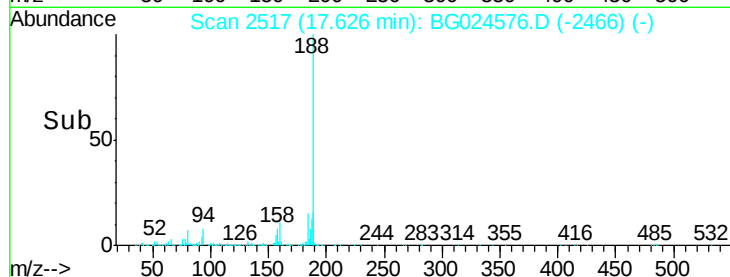
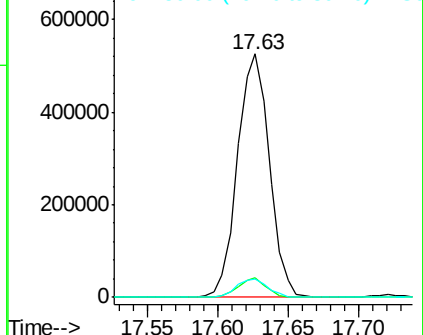
80 7.3 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG024576.D

Acq: 1 Nov 2016 4:25

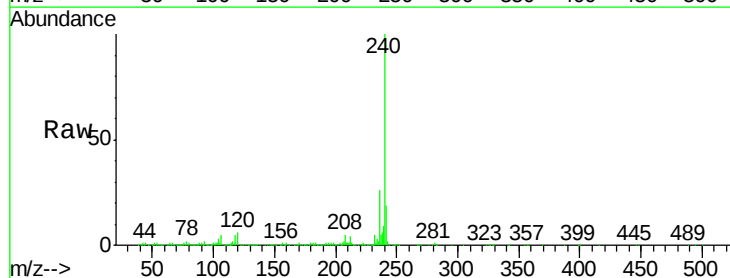
Tgt Ion:240 Resp: 1096415

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

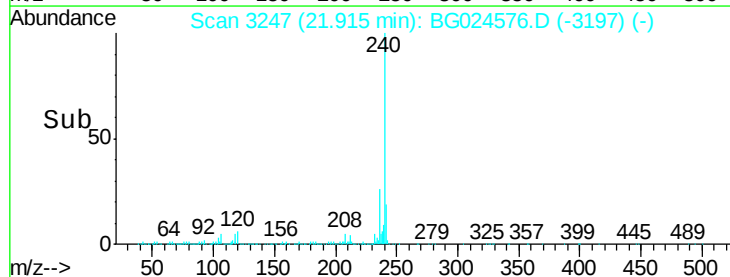
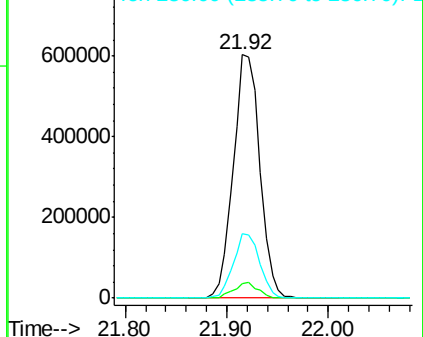
236 26.2 22.2 33.4

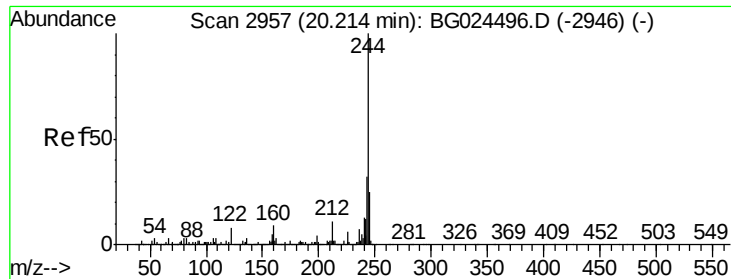


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.87 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BG024576.D

Acq: 1 Nov 2016 4:25

Instrument :

BNA_G

ClientSampleId :

PB94406BL

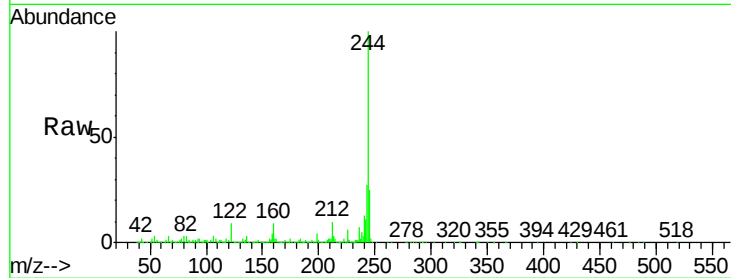
Tgt Ion:244 Resp: 2636979

Ion Ratio Lower Upper

244 100

212 10.1 10.0 15.0

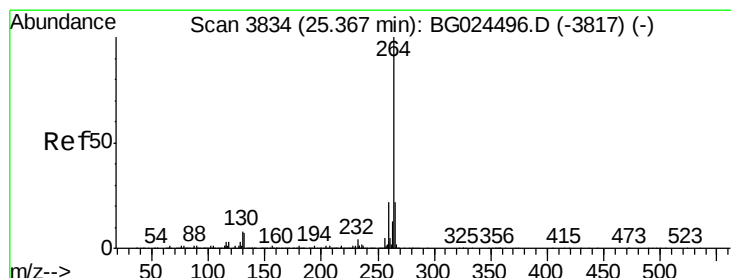
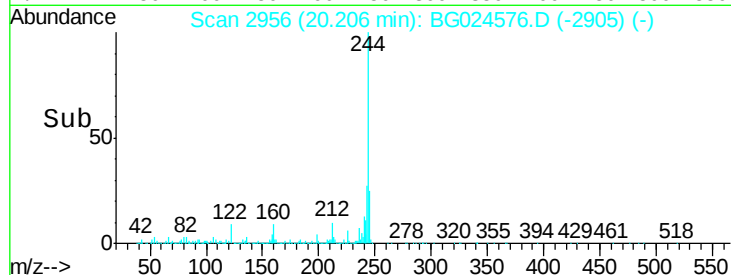
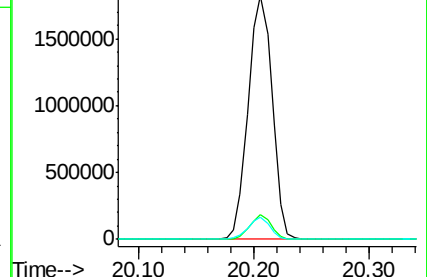
122 9.0 8.6 12.8



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: 25.35 min Scan# 3831

Delta R.T. -0.01 min

Lab File: BG024576.D

Acq: 1 Nov 2016 4:25

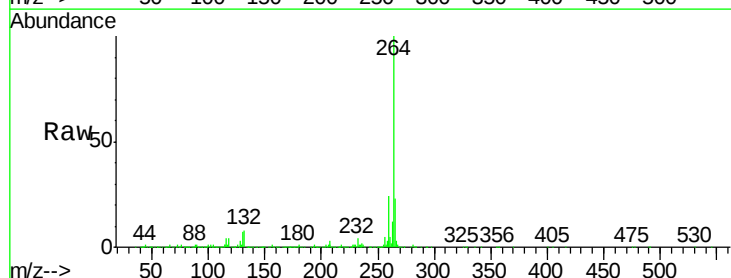
Tgt Ion:264 Resp: 1125460

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 23.1 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

