

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
 Data File : BG024598.D
 Acq On : 1 Nov 2016 18:31
 Operator : UM/SJ
 Sample : PB94463BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94463BL

Quant Time: Nov 02 03:17:35 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	110918	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	424679	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	309724	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	701857	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1030401	20.00	ng	-0.01
86) Perylene-d12	25.34	264	1075134	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	940836	139.02	ng	0.00
7) Phenol-d6	7.41	99	1291870	139.16	ng	0.00
23) Nitrobenzene-d5	9.44	82	898663	96.35	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	638348	137.96	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1830705	98.24	ng	0.00
78) Terphenyl-d14	20.21	244	3121006	90.51	ng	0.00

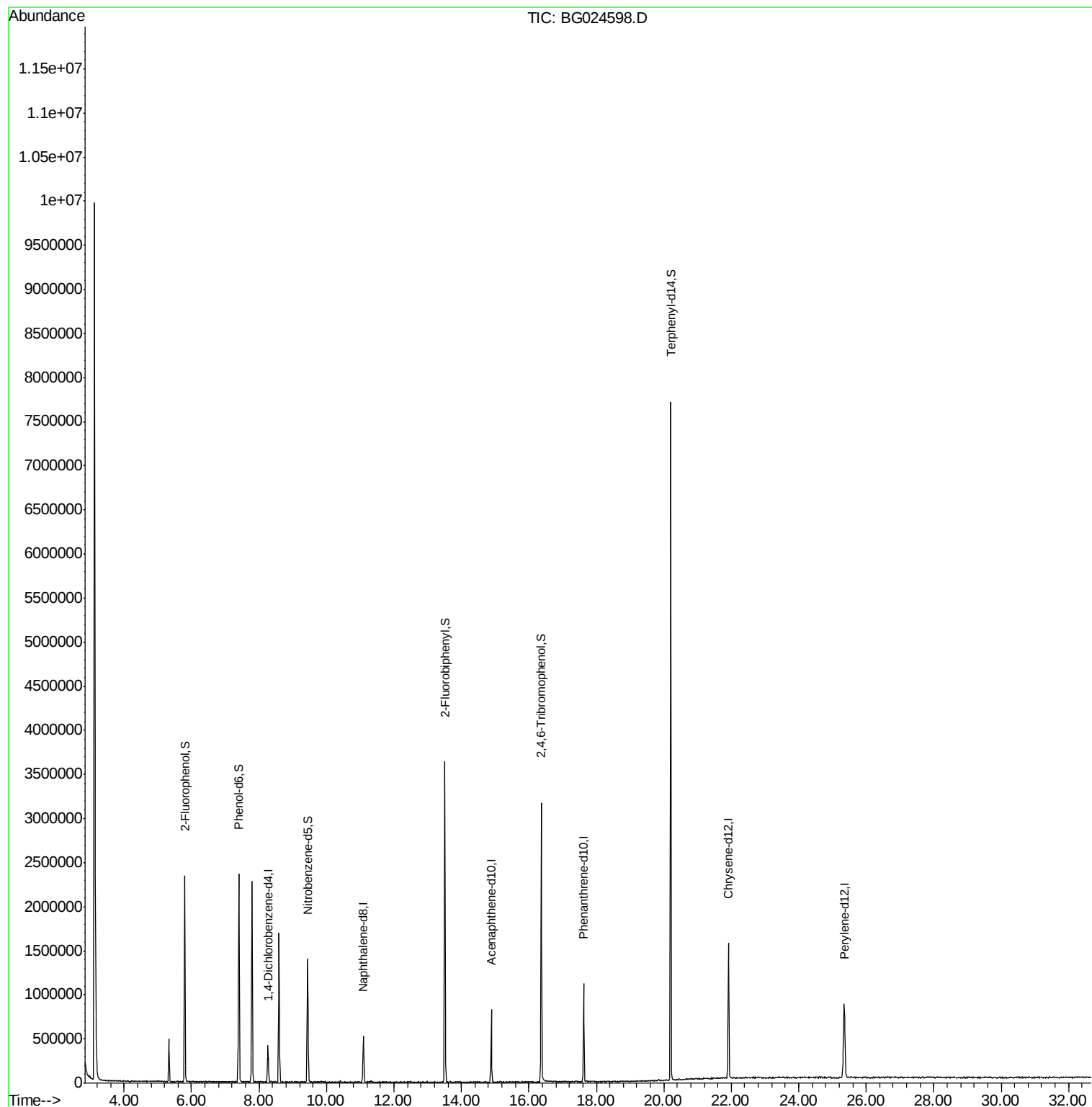
Target Compounds Qvalue

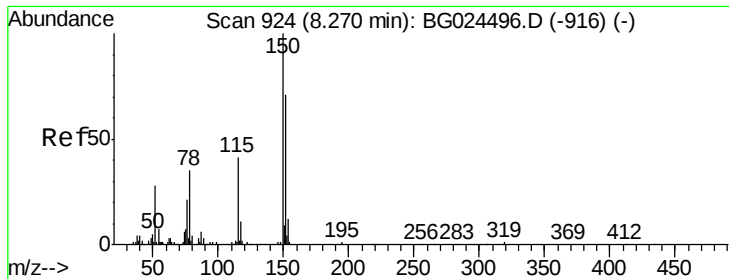
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024598.D

Acq: 1 Nov 2016 18:31

Instrument :

BNA_G

ClientSampleId :

PB94463BL

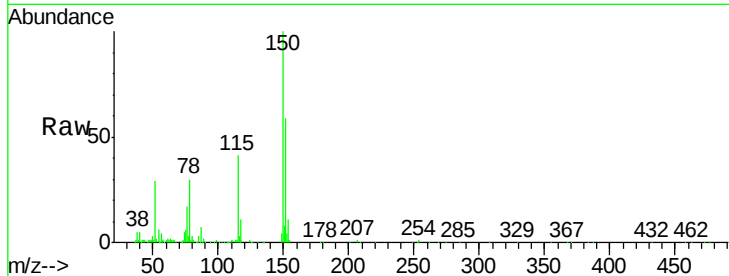
Tot Ion:152 Resp: 110918

Ion Ratio Lower Upper

152 100

150 170.9 114.0 171.0

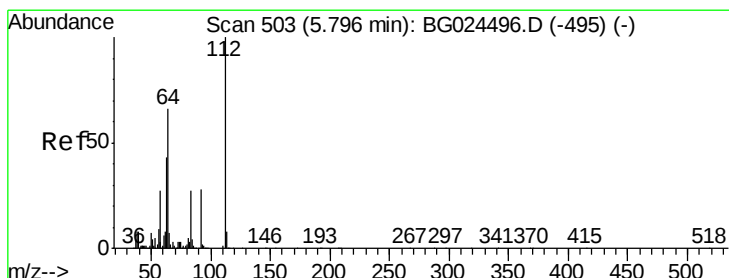
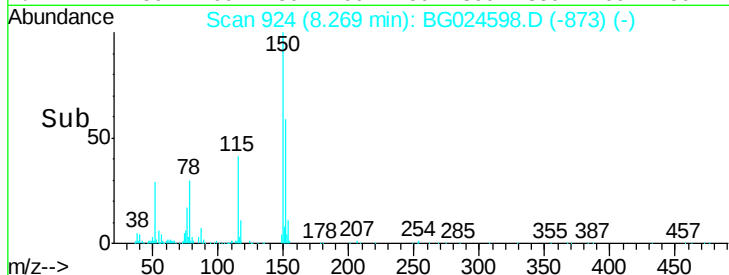
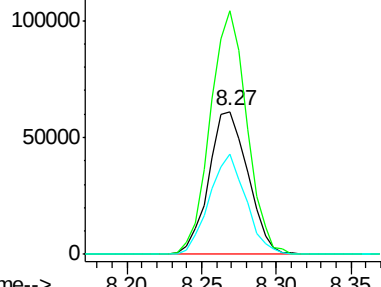
115 70.4 48.1 72.1



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: 139.02 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.01 min

Lab File: BG024598.D

Acq: 1 Nov 2016 18:31

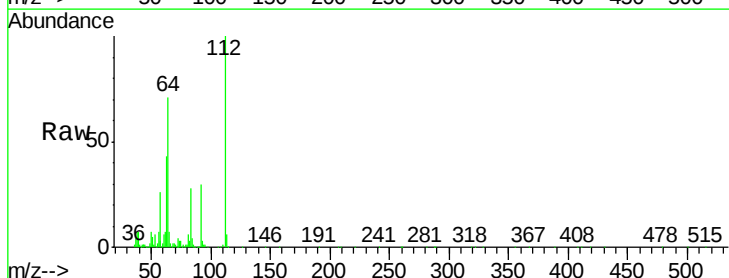
Tgt Ion:112 Resp: 940836

Ion Ratio Lower Upper

112 100

64 70.9 61.8 92.6

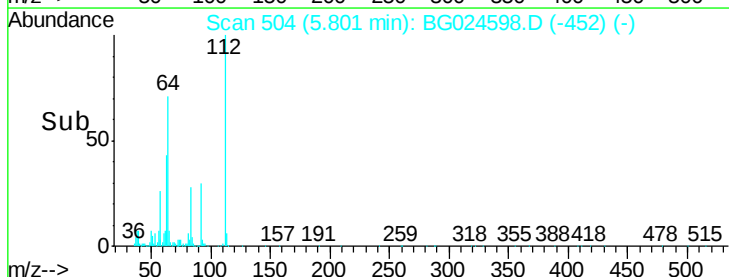
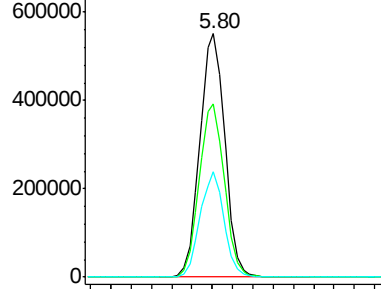
63 43.4 37.2 55.8

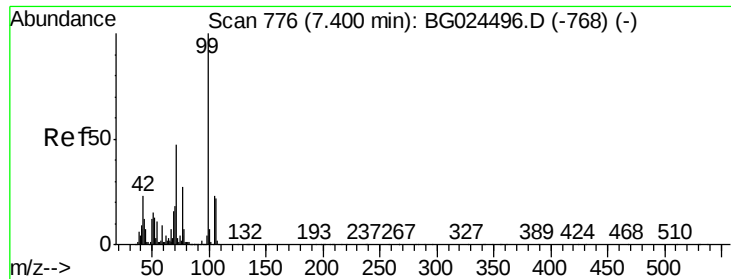


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 139.16 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024598.D

Acq: 1 Nov 2016 18:31

Instrument :

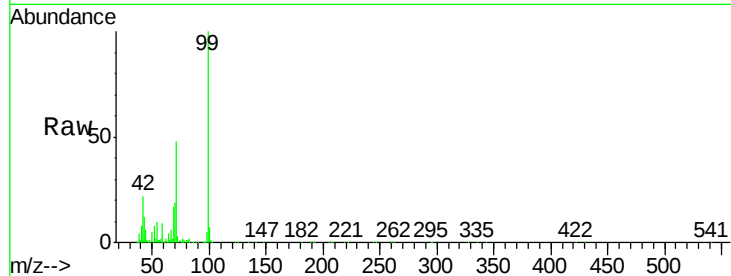
BNA_G

ClientSampleId :

PB94463BL

Tot Ion: 99 Resp: 1291870

Ion	Ratio	Lower	Upper
99	100		
42	21.9	20.5	30.7
71	48.1	37.6	56.4

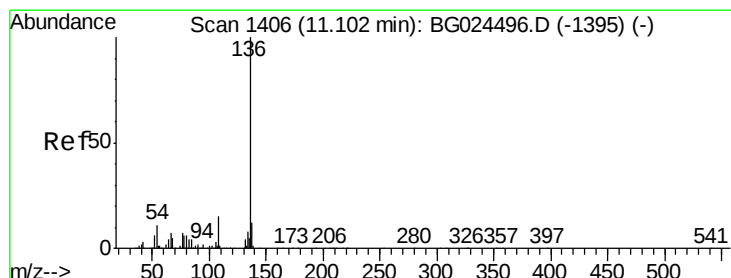
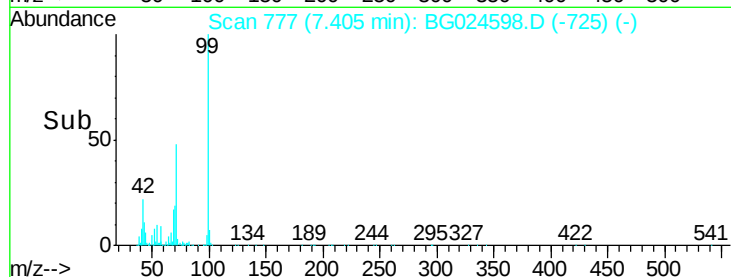
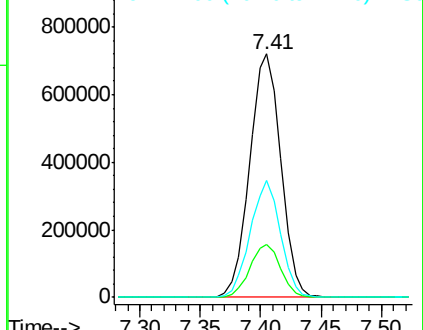


Abundance

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: 11.09 min Scan# 1405

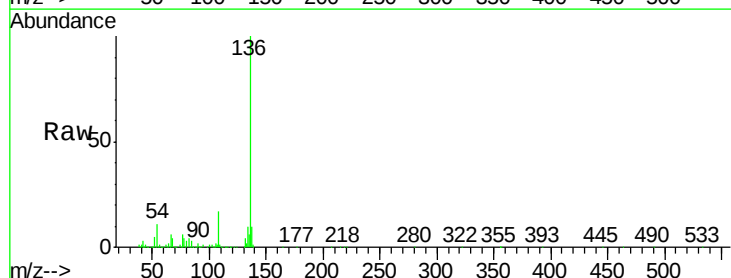
Delta R.T. -0.01 min

Lab File: BG024598.D

Acq: 1 Nov 2016 18:31

Tgt Ion: 136 Resp: 424679

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	10.7	9.3	13.9
68	4.5	5.1	7.7#



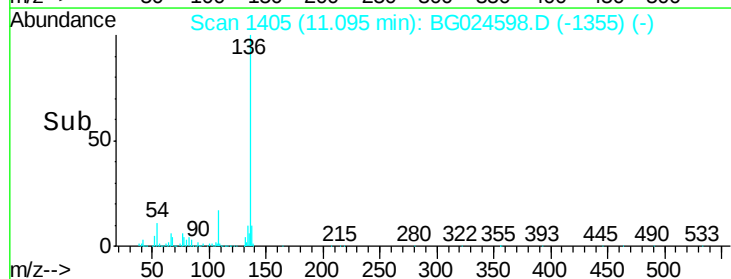
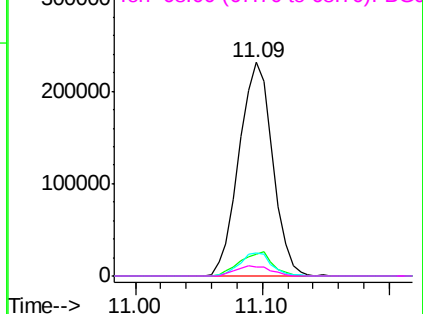
Abundance

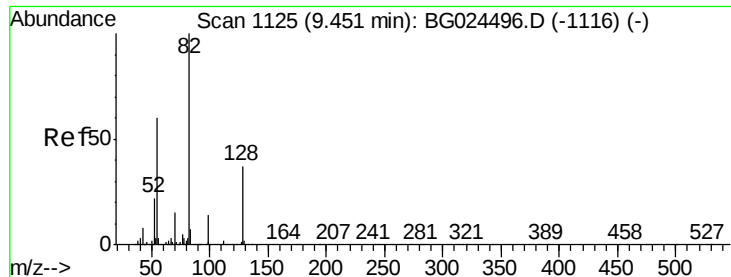
Ion 136.00 (135.70 to 136.70): BGC

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

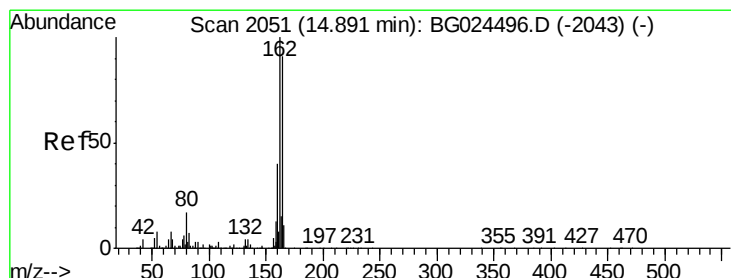
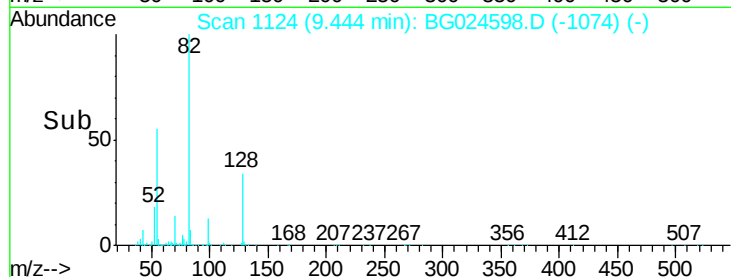
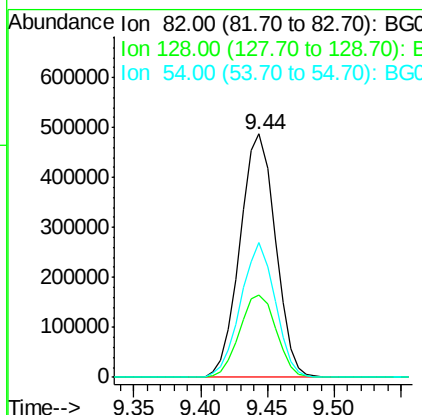
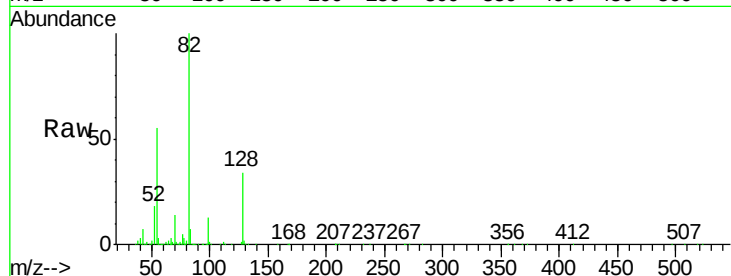




#23
Nitrobenzene-d5
Concen: 96.35 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024598.D
Acq: 1 Nov 2016 18:31

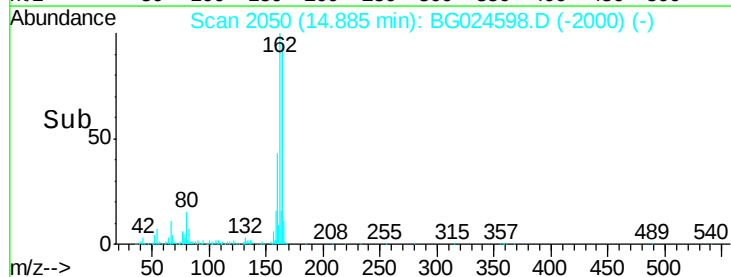
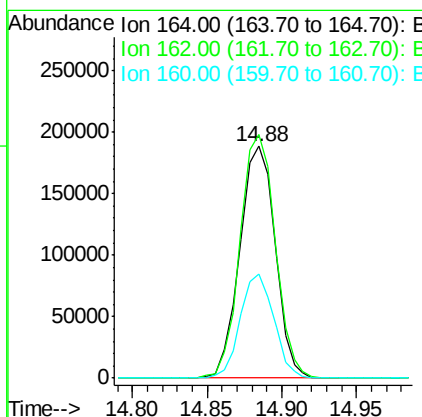
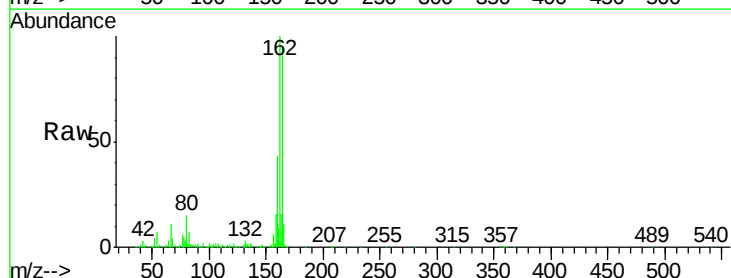
Instrument :
BNA_G
ClientSampleId :
PB94463BL

Tot Ion: 82 Resp: 898663
Ion Ratio Lower Upper
82 100
128 34.1 26.4 39.6
54 55.5 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024598.D
Acq: 1 Nov 2016 18:31

Tgt Ion: 164 Resp: 309724
Ion Ratio Lower Upper
164 100
162 105.0 85.1 127.7
160 45.0 34.7 52.1

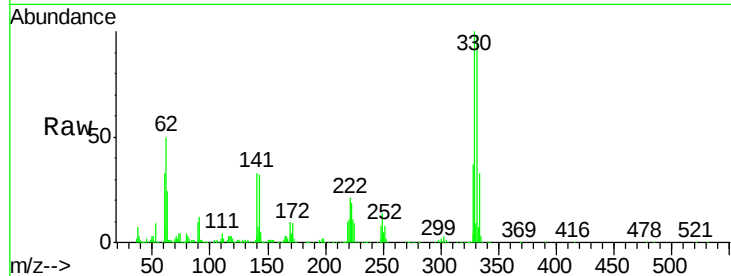




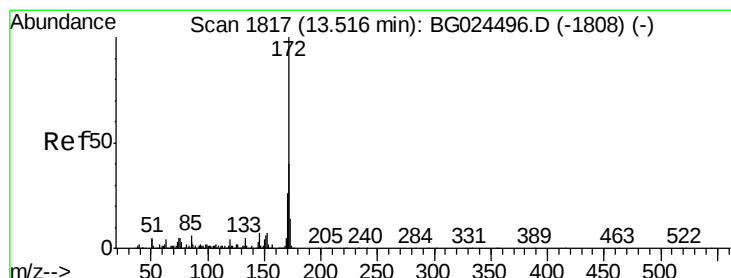
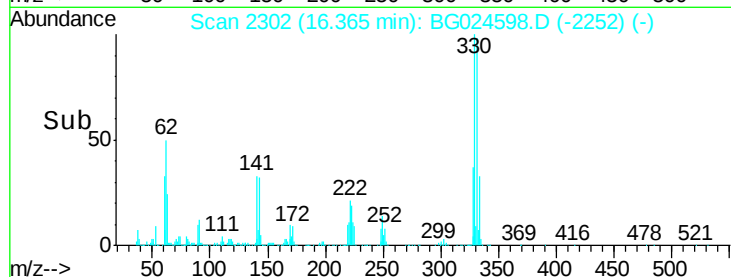
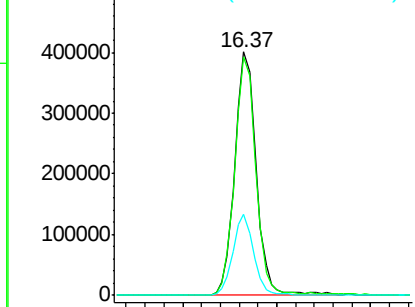
#41
 2,4,6-Tribromophenol
 Concen: 137.96 ng
 RT: 16.37 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024598.D
 Acq: 1 Nov 2016 18:31

Instrument :
 BNA_G
 ClientSampleId :
 PB94463BL

Tot Ion:330 Resp: 638348
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.3 115.9
 141 32.2 32.1 48.1

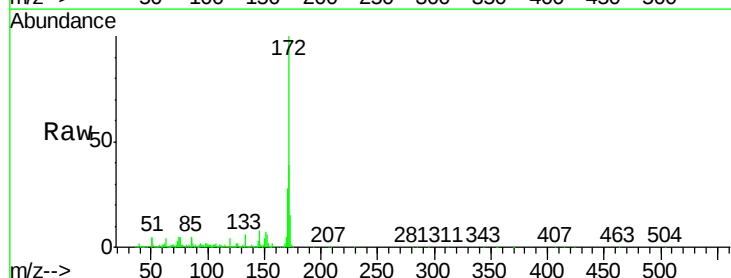


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

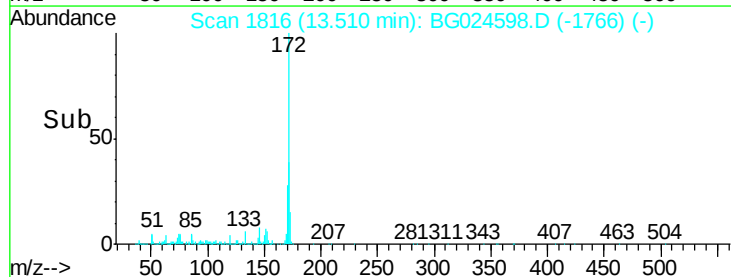
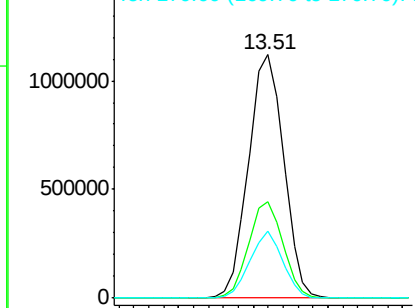


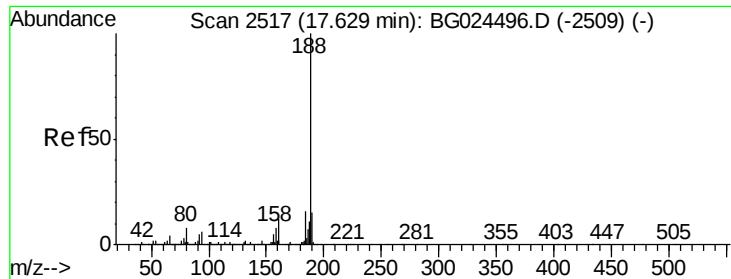
#44
 2-Fluorobiphenyl
 Concen: 98.24 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024598.D
 Acq: 1 Nov 2016 18:31

Tgt Ion:172 Resp: 1830705
 Ion Ratio Lower Upper
 172 100
 171 39.4 32.2 48.2
 170 27.6 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: BG024598.D

Acq: 1 Nov 2016 18:31

Instrument :

BNA_G

ClientSampleId :

PB94463BL

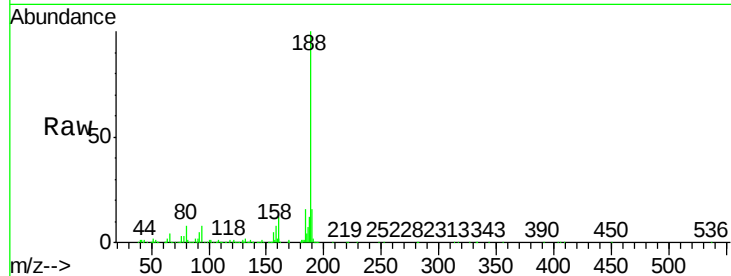
Tot Ion:188 Resp: 701857

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.8

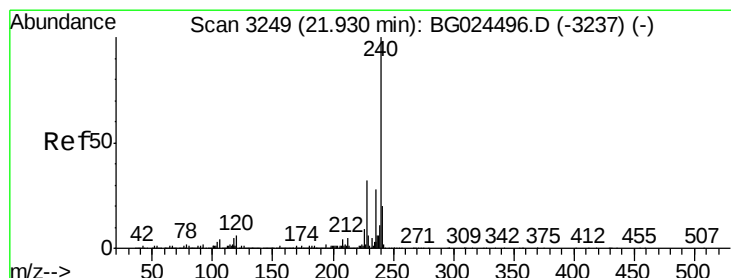
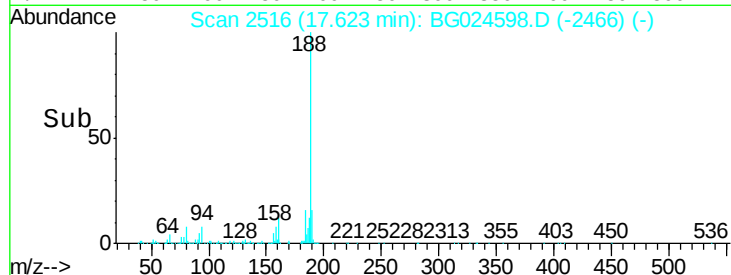
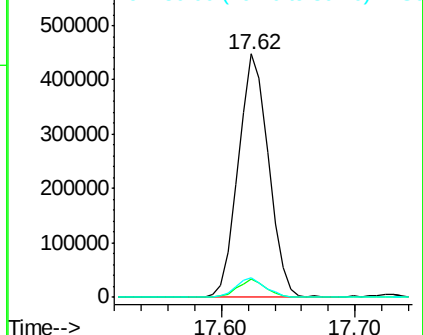
80 8.0 7.5 11.3



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: BG024598.D

Acq: 1 Nov 2016 18:31

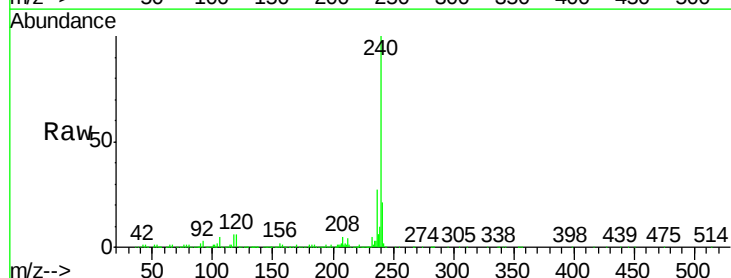
Tgt Ion:240 Resp: 1030401

Ion Ratio Lower Upper

240 100

120 6.4 5.7 8.5

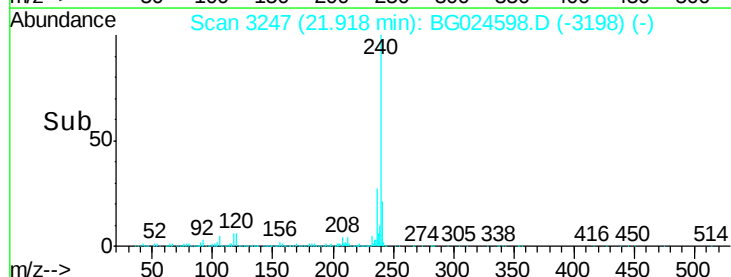
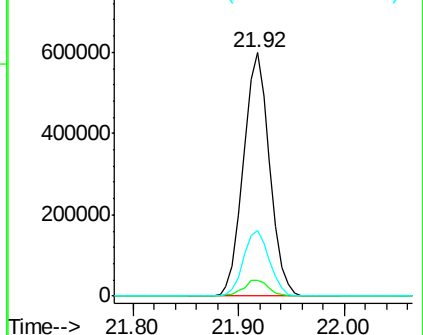
236 27.2 22.2 33.4

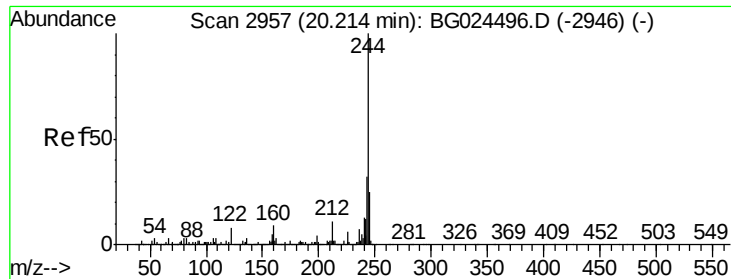


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.51 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024598.D

Acq: 1 Nov 2016 18:31

Instrument :

BNA_G

ClientSampleId :

PB94463BL

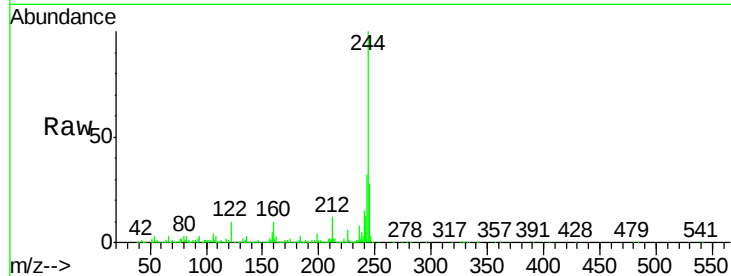
Tot Ion:244 Resp: 3121006

Ion Ratio Lower Upper

244 100

212 11.7 10.0 15.0

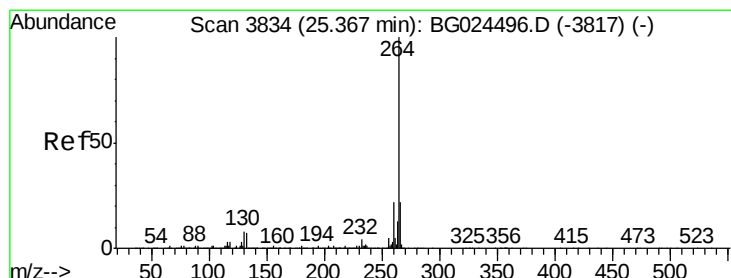
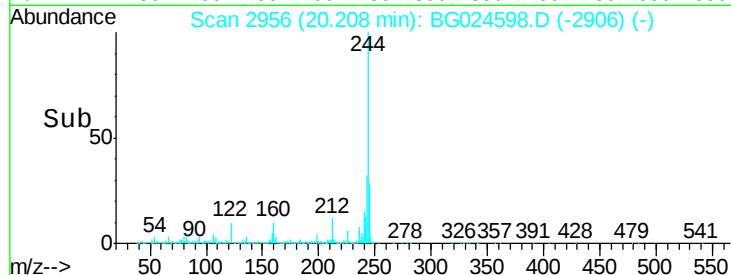
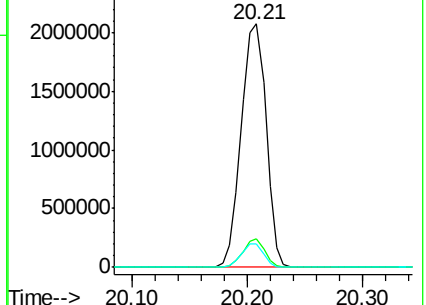
122 9.6 8.6 12.8



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: BG024598.D

Acq: 1 Nov 2016 18:31

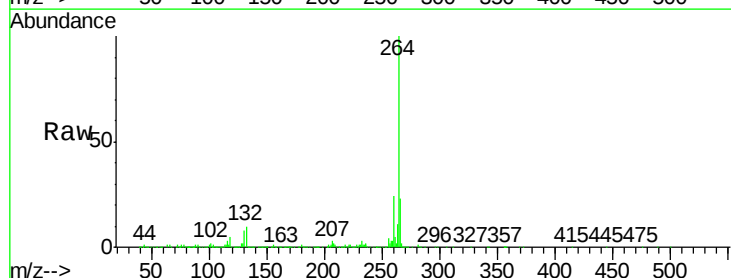
Tgt Ion:264 Resp: 1075134

Ion Ratio Lower Upper

264 100

260 23.7 21.8 32.8

265 23.0 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

