

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024726.D
 Acq On : 7 Nov 2016 12:42
 Operator : UM/SJ
 Sample : PB94545BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94545BL

Quant Time: Nov 07 15:07:30 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	8.26	152	100500	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	372121	20.00	ng	-0.02
38) Acenaphthene-d10	14.88	164	285454	20.00	ng	-0.02
63) Phenanthrene-d10	17.62	188	674249	20.00	ng	0.00
75) Chrysene-d12	21.91	240	1019984	20.00	ng	-0.02
86) Perylene-d12	25.34	264	1037788	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	720809	117.55	ng	0.00
7) Phenol-d6	7.40	99	989073	117.59	ng	0.00
23) Nitrobenzene-d5	9.44	82	677918	82.94	ng	-0.02
41) 2,4,6-Tribromophenol	16.36	330	558437	130.95	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	1467013	85.42	ng	-0.02
78) Terphenyl-d14	20.20	244	2863779	83.90	ng	-0.02

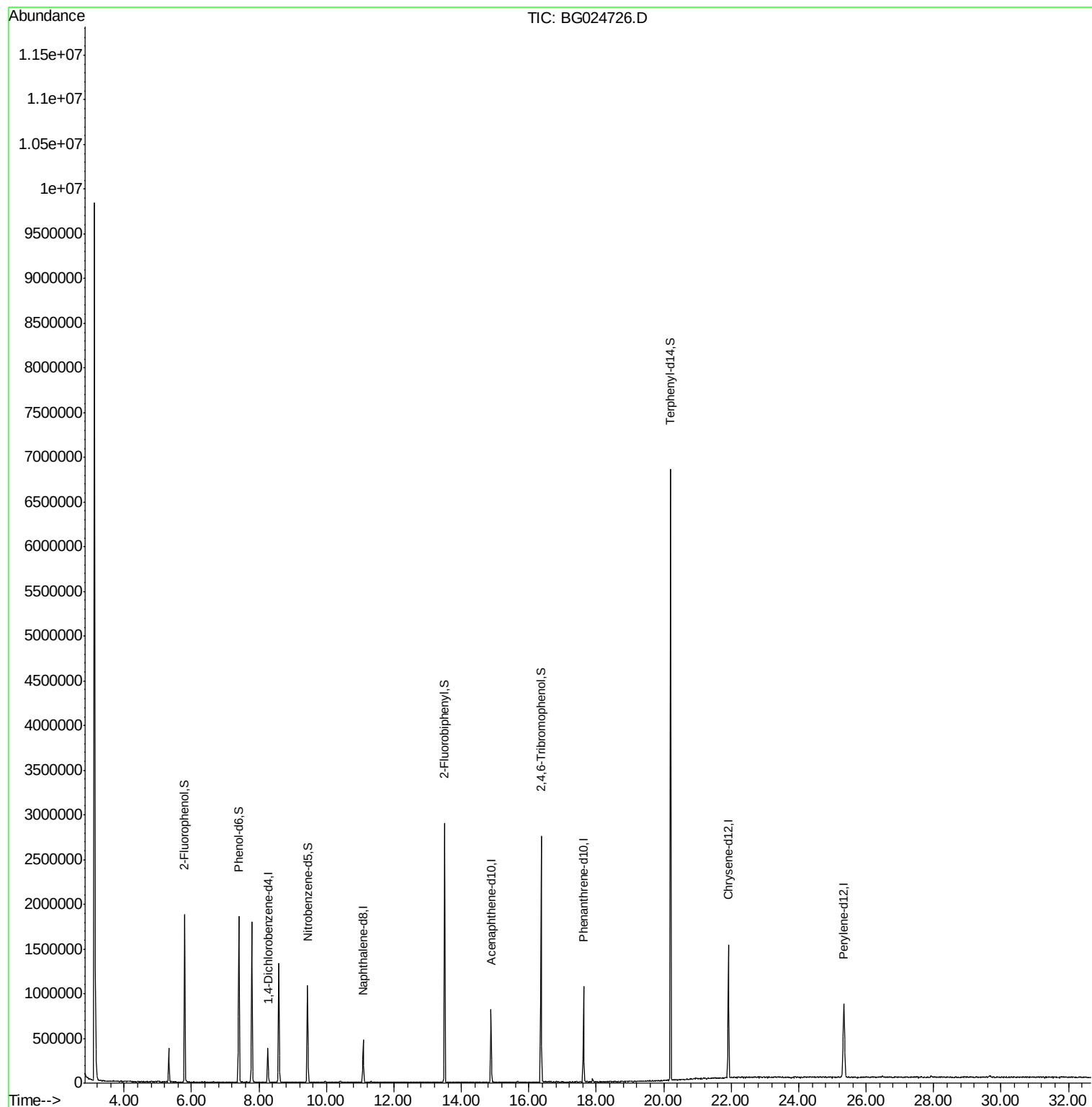
Target Compounds Qvalue

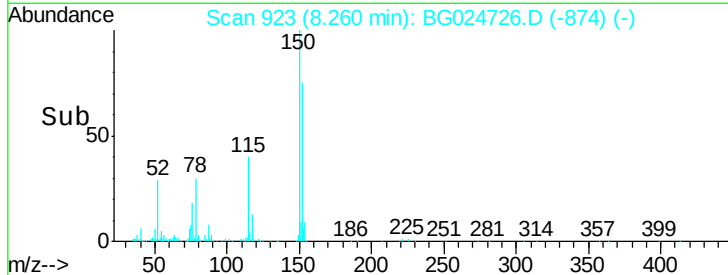
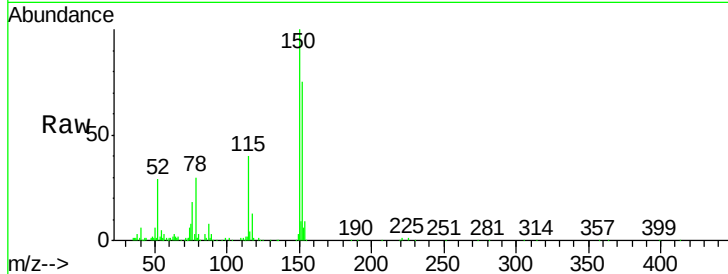
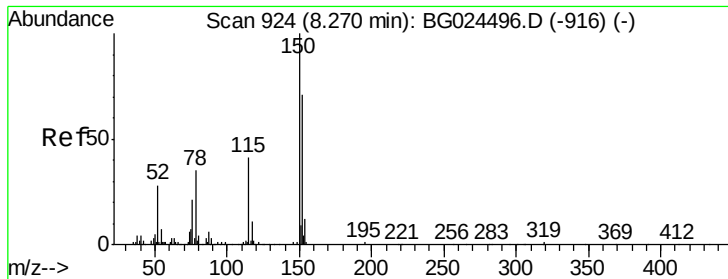
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG024726.D

Acq: 7 Nov 2016 12:42

Instrument :

BNA_G

ClientSampleId :

PB94545BL

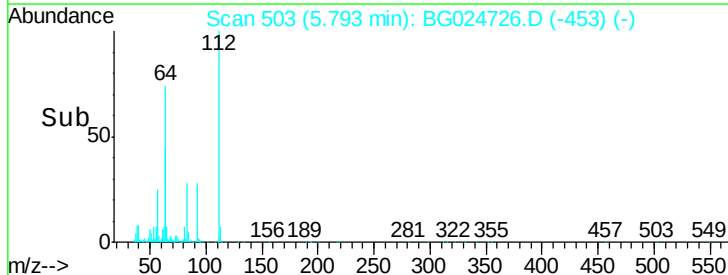
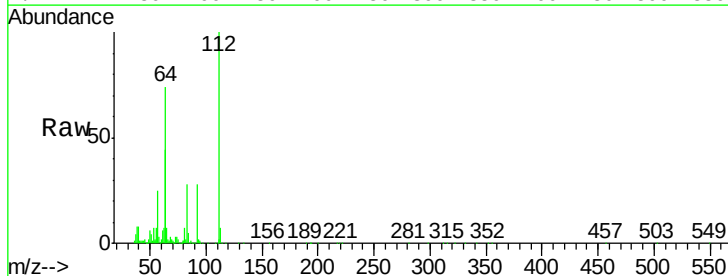
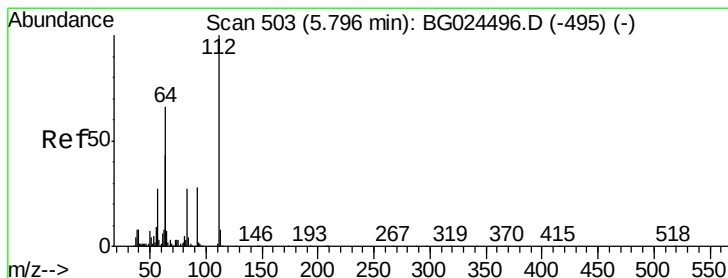
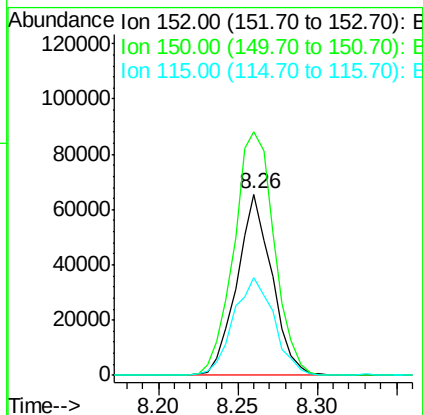
Tot Ion:152 Resp: 100500

Ion Ratio Lower Upper

152 100

150 134.2 114.0 171.0

115 53.9 48.1 72.1



#5

2-Fluorophenol

Concen: 117.55 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024726.D

Acq: 7 Nov 2016 12:42

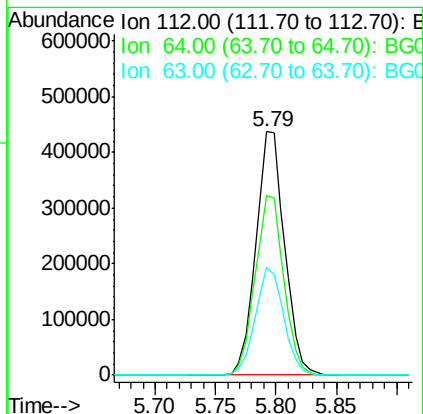
Tgt Ion:112 Resp: 720809

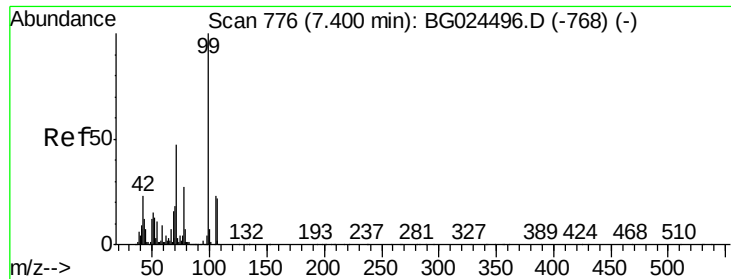
Ion Ratio Lower Upper

112 100

64 73.6 61.8 92.6

63 44.5 37.2 55.8





#7

Phenol-d6

Concen: 117.59 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024726.D

Acq: 7 Nov 2016 12:42

Instrument :

BNA_G

ClientSampleId :

PB94545BL

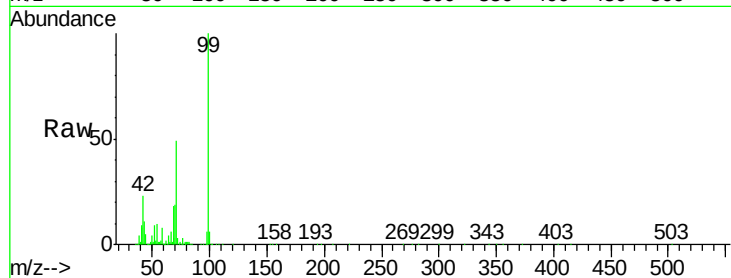
Tot Ion: 99 Resp: 989073

Ion Ratio Lower Upper

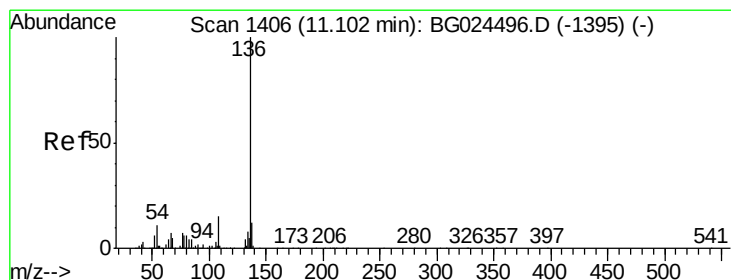
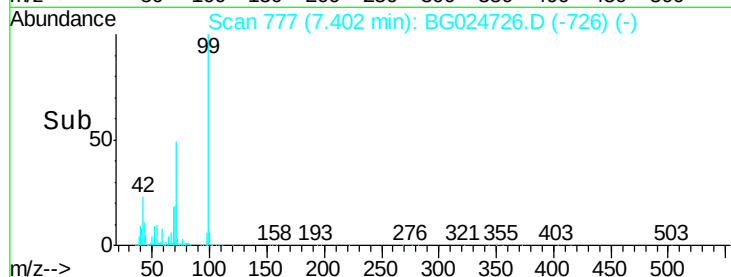
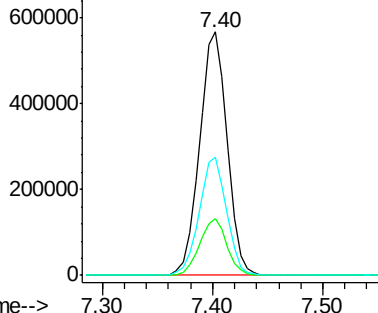
99 100

42 23.5 20.5 30.7

71 48.7 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# 1404

Delta R.T. -0.02 min

Lab File: BG024726.D

Acq: 7 Nov 2016 12:42

Tgt Ion: 136 Resp: 372121

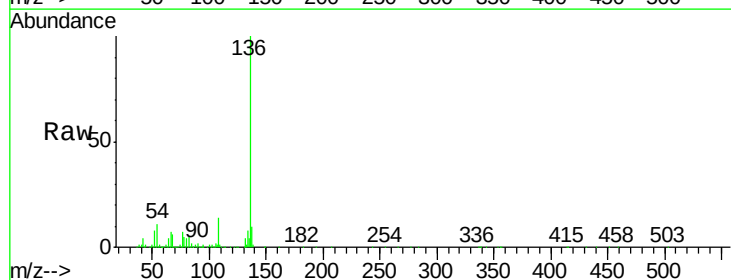
Ion Ratio Lower Upper

136 100

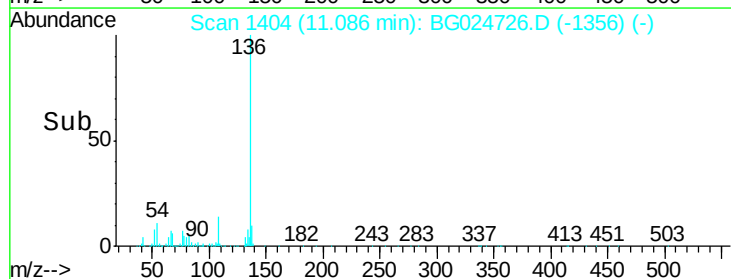
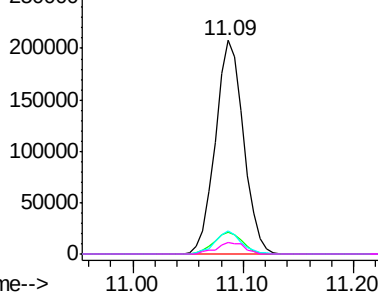
137 10.0 8.9 13.3

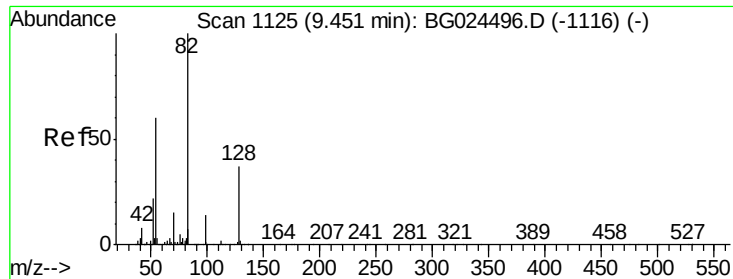
54 10.7 9.3 13.9

68 5.6 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

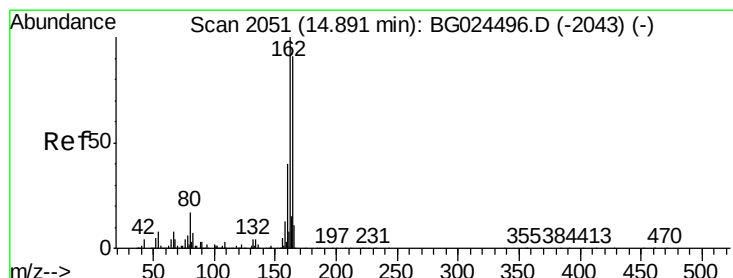
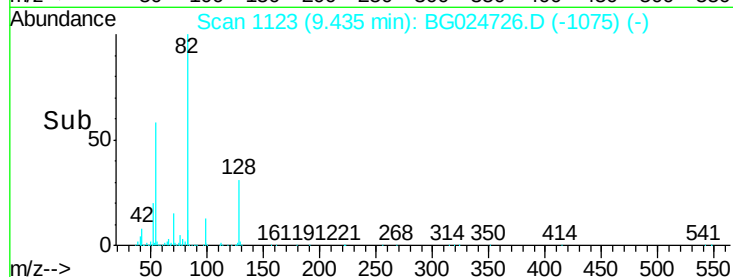
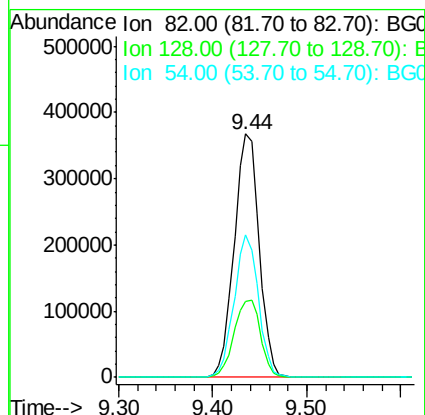
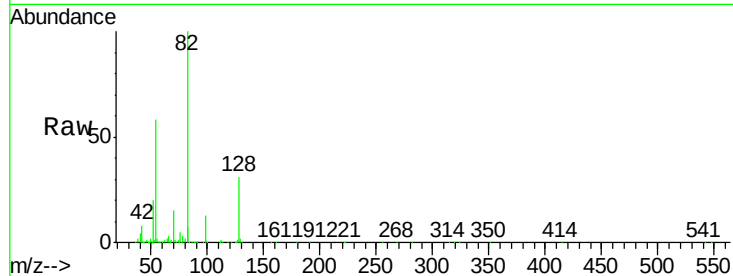




#23
 Nitrobenzene-d5
 Concen: 82.94 ng
 RT: 9.44 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BG024726.D
 Acq: 7 Nov 2016 12:42

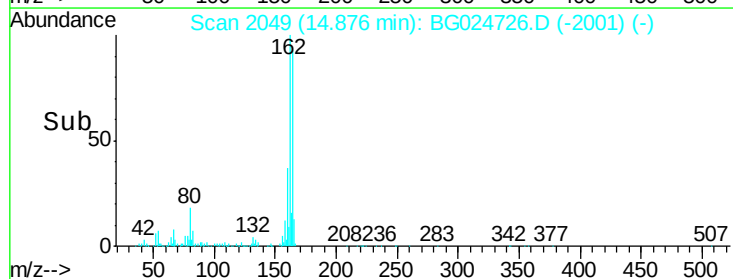
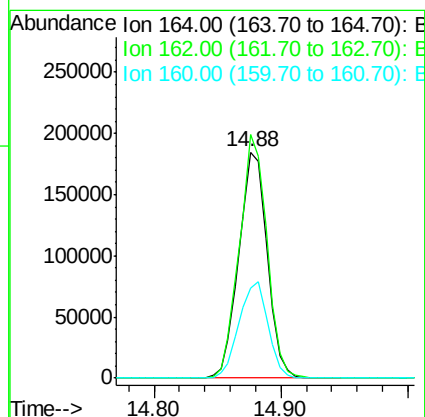
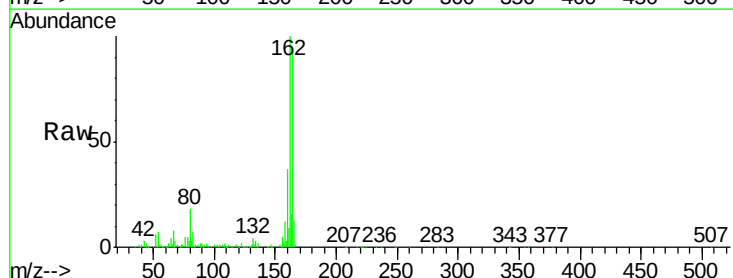
Instrument :
 BNA_G
 ClientSampleID :
 PB94545BL

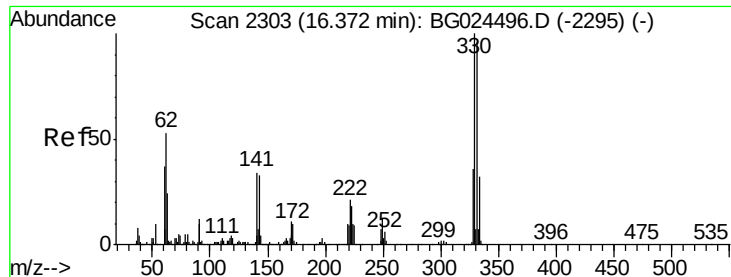
Tot Ion	82	Resp	677918
Ion Ratio	Lower	Upper	
82	100		
128	31.1	26.4	39.6
54	58.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2049
 Delta R.T. -0.02 min
 Lab File: BG024726.D
 Acq: 7 Nov 2016 12:42

Tgt Ion	164	Resp	285454
Ion Ratio	Lower	Upper	
164	100		
162	107.6	85.1	127.7
160	40.1	34.7	52.1

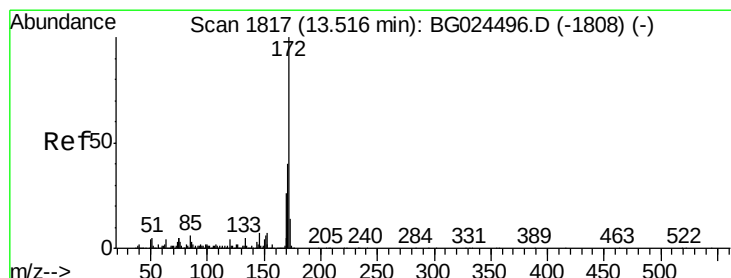
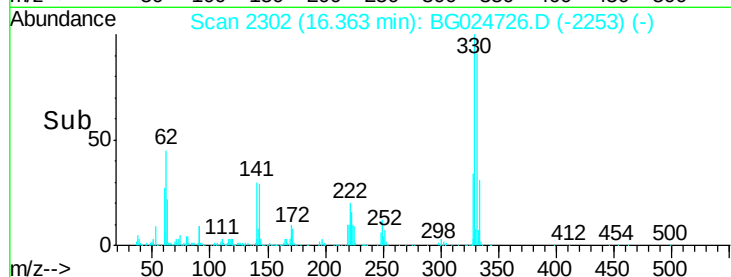
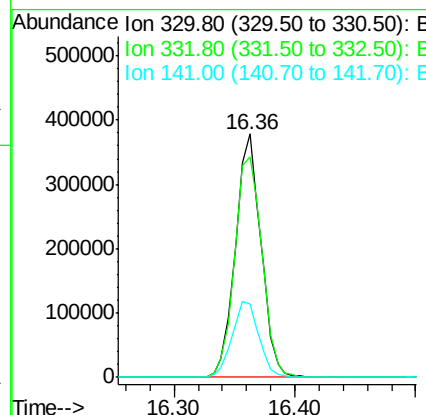
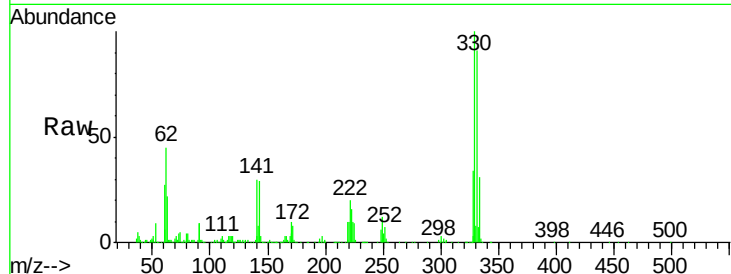




#41
 2,4,6-Tribromophenol
 Concen: 130.95 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024726.D
 Acq: 7 Nov 2016 12:42

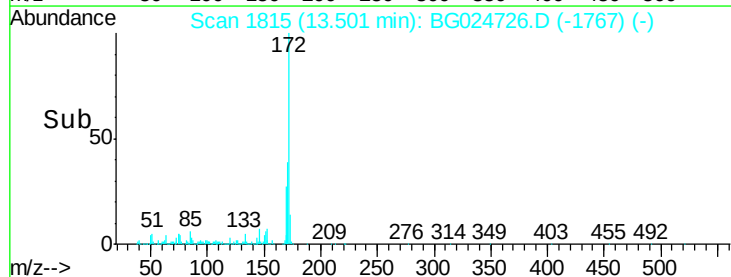
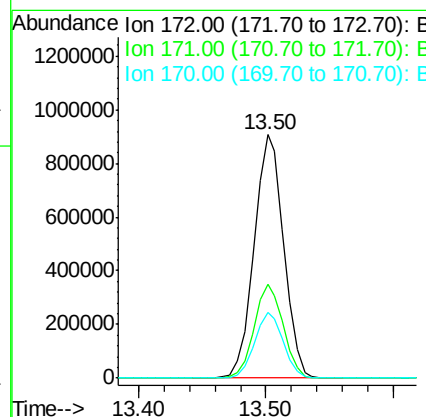
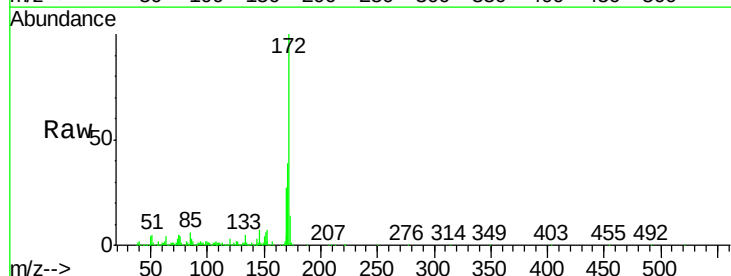
Instrument :
 BNA_G
 ClientSampleId :
 PB94545BL

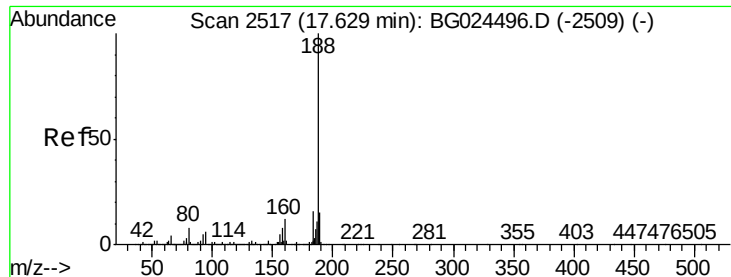
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	32.6	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 85.42 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.02 min
 Lab File: BG024726.D
 Acq: 7 Nov 2016 12:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	32.2	48.2
170	26.8	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024726.D

Acq: 7 Nov 2016 12:42

Instrument :

BNA_G

ClientSampleId :

PB94545BL

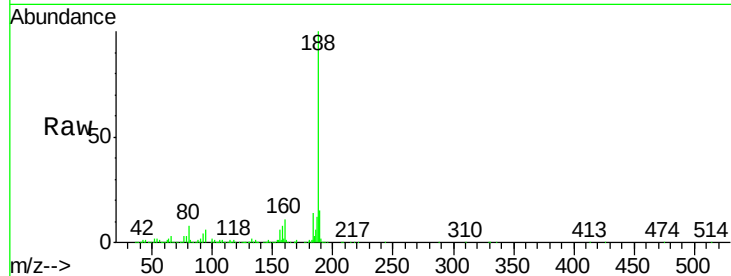
Tot Ion:188 Resp: 674249

Ion Ratio Lower Upper

188 100

94 5.6 5.8 8.8#

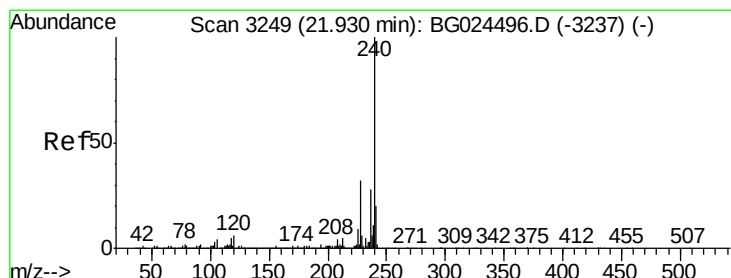
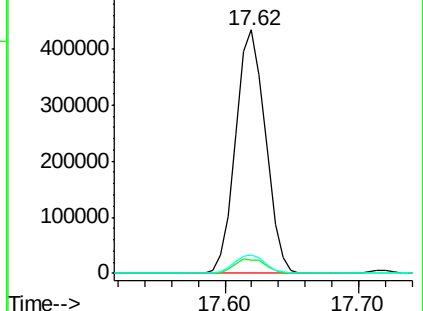
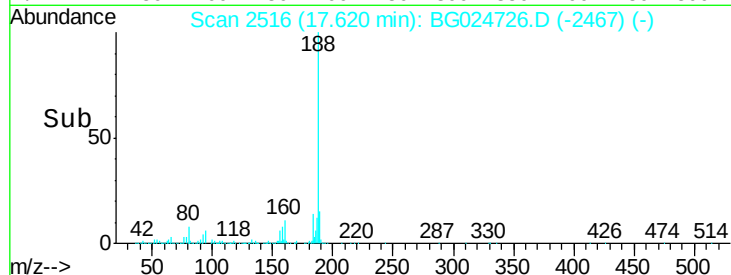
80 7.6 7.5 11.3



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: 21.91 min Scan# 3247

Delta R.T. -0.02 min

Lab File: BG024726.D

Acq: 7 Nov 2016 12:42

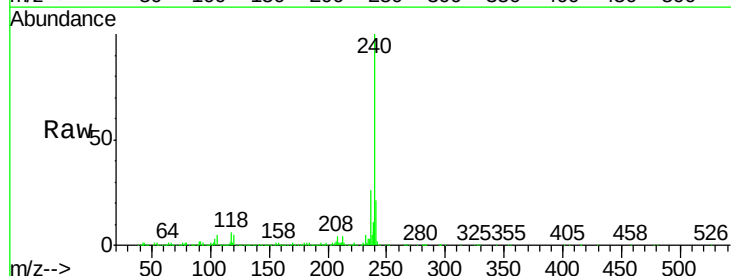
Tgt Ion:240 Resp: 1019984

Ion Ratio Lower Upper

240 100

120 5.2 5.7 8.5#

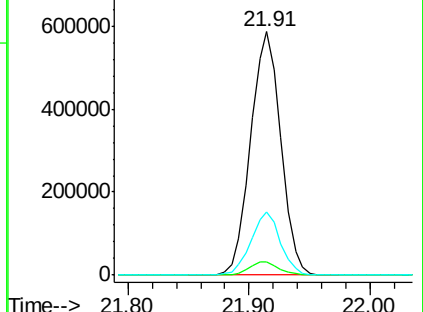
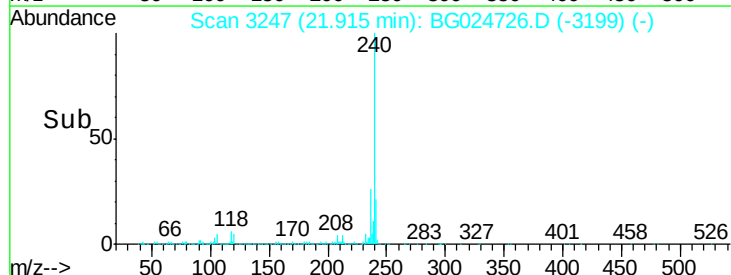
236 25.7 22.2 33.4

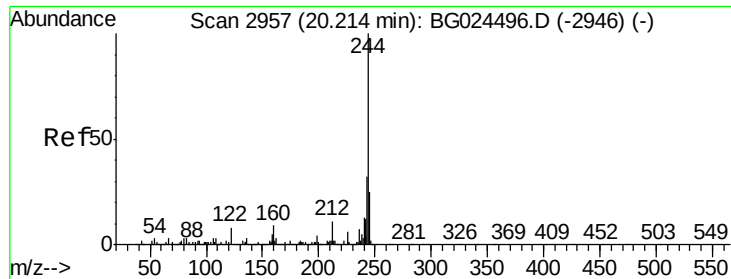


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.90 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BG024726.D

Acq: 7 Nov 2016 12:42

Instrument :

BNA_G

ClientSampleId :

PB94545BL

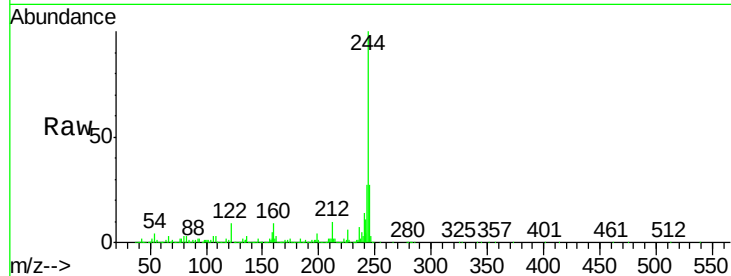
Tot Ion:244 Resp: 2863779

Ion	Ratio	Lower	Upper
244	100		
212	10.3	10.0	15.0
122	9.0	8.6	12.8

244 100

212 10.3 10.0 15.0

122 9.0 8.6 12.8

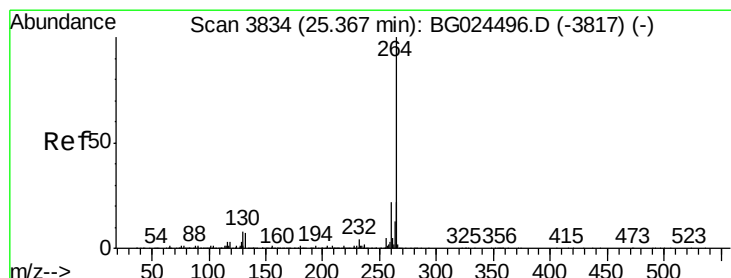
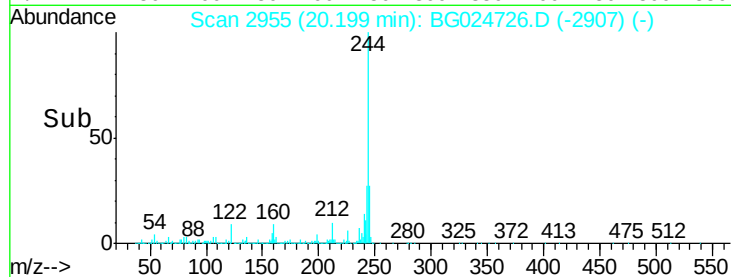
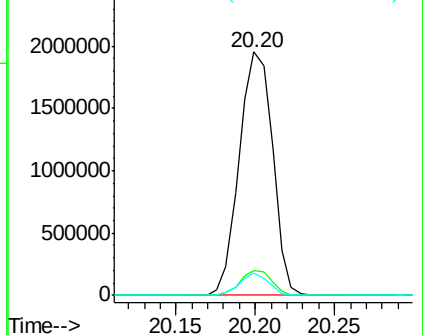


Abundance

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: 25.34 min Scan# 3830

Delta R.T. -0.03 min

Lab File: BG024726.D

Acq: 7 Nov 2016 12:42

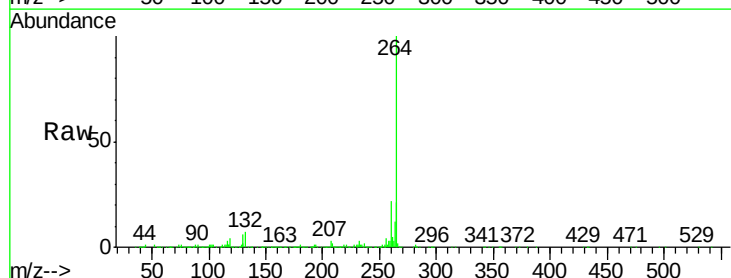
Tgt Ion:264 Resp: 1037788

Ion	Ratio	Lower	Upper
264	100		
260	21.8	21.8	32.8#
265	21.2	18.2	27.4

264 100

260 21.8 21.8 32.8#

265 21.2 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

