

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102516\
 Data File : BG024503.D
 Acq On : 25 Oct 2016 18:52
 Operator : UM/SJ
 Sample : PB94296BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94296BL

Quant Time: Oct 26 02:25:06 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 17:25:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	106460	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	401048	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	291474	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	659964	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1037531	20.00	ng	0.00
86) Perylene-d12	25.35	264	1078153	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	515487	79.36	ng	0.00
7) Phenol-d6	7.40	99	688680	77.29	ng	0.00
23) Nitrobenzene-d5	9.45	82	756313	85.86	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	341800	78.49	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1500438	85.56	ng	0.00
78) Terphenyl-d14	20.21	244	2858810	82.33	ng	0.00

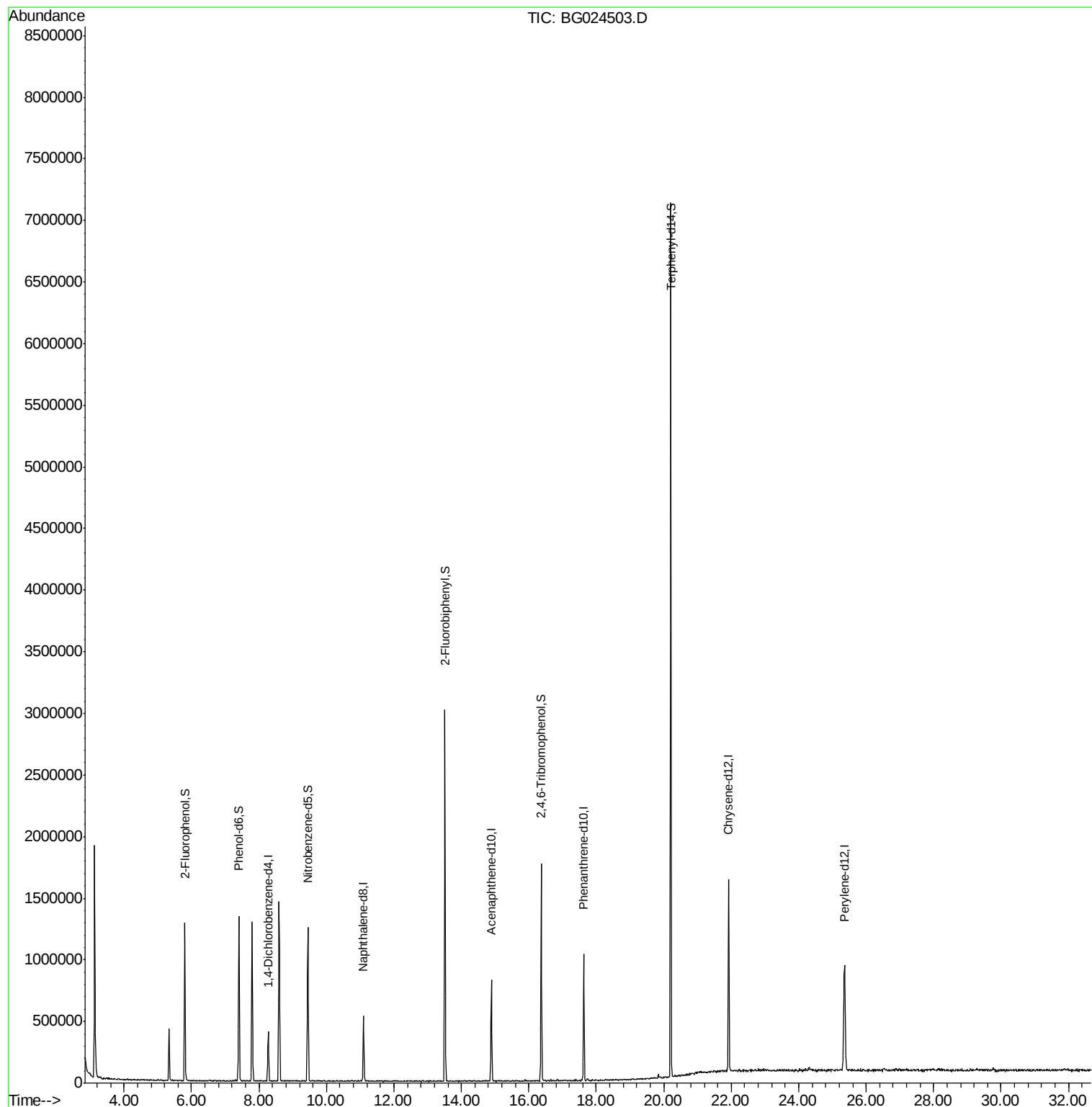
Target Compounds Qvalue

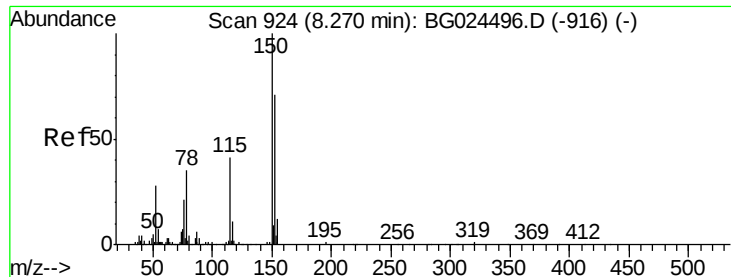
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG024503.D

Acq: 25 Oct 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB94296BL

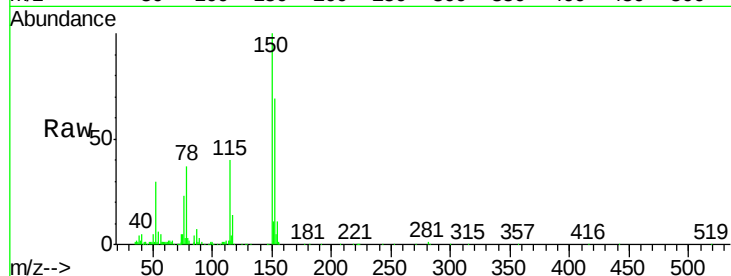
Tot Ion:152 Resp: 106460

Ion Ratio Lower Upper

152 100

150 144.6 114.0 171.0

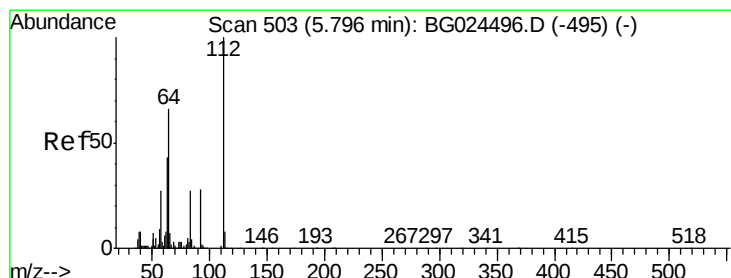
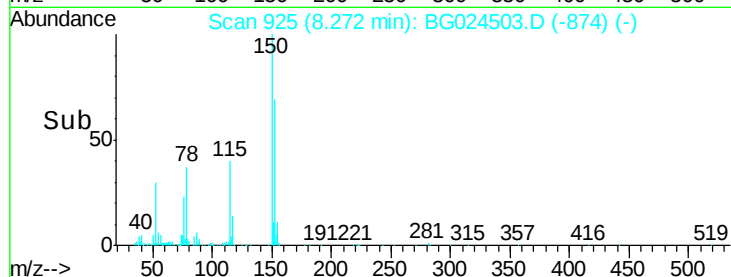
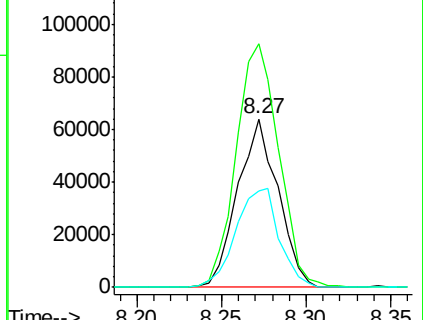
115 57.2 48.1 72.1



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: 79.36 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024503.D

Acq: 25 Oct 2016 18:52

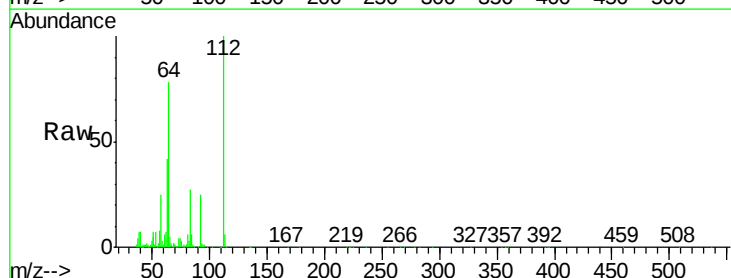
Tgt Ion:112 Resp: 515487

Ion Ratio Lower Upper

112 100

64 78.3 61.8 92.6

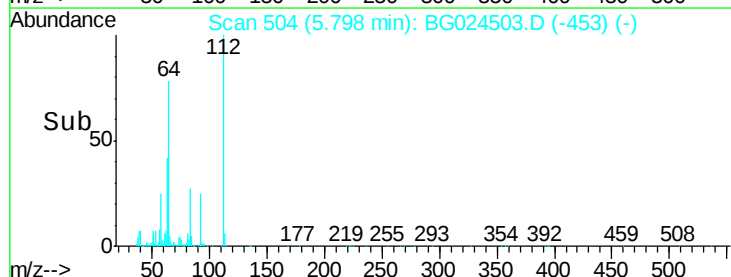
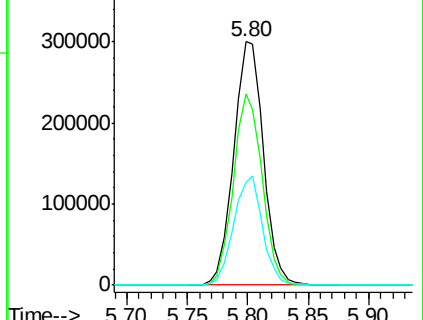
63 42.3 37.2 55.8

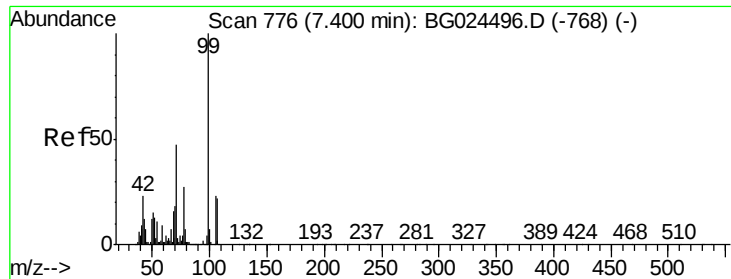


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 77.29 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024503.D

Acq: 25 Oct 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB94296BL

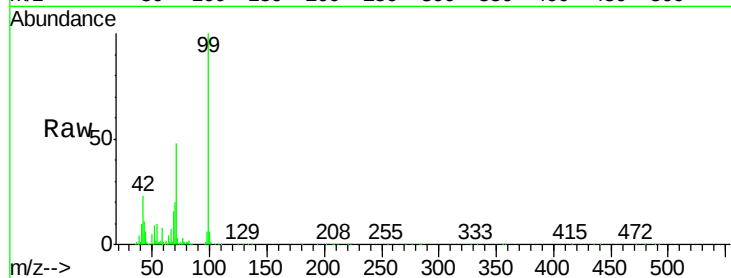
Tot Ion: 99 Resp: 688680

Ion Ratio Lower Upper

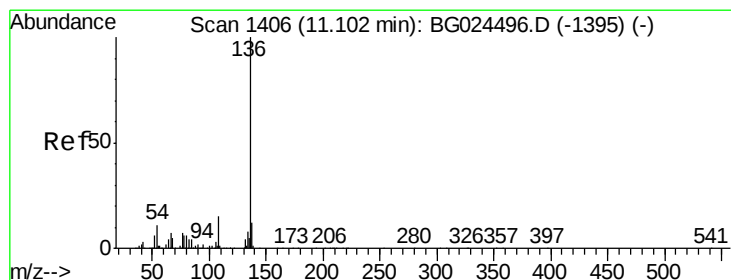
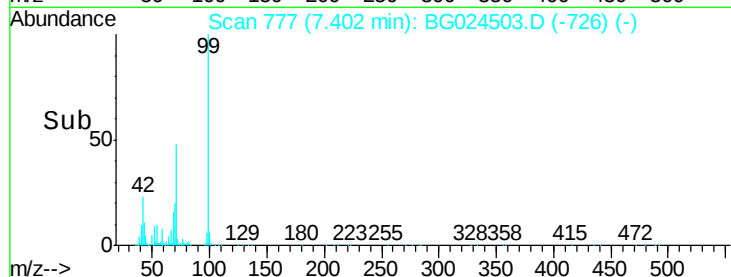
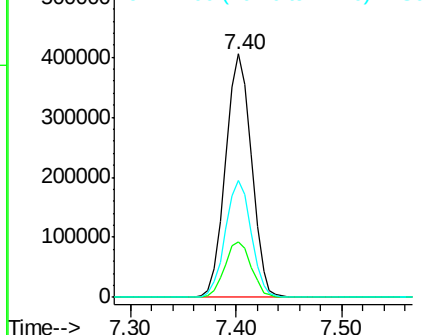
99 100

42 22.8 20.5 30.7

71 47.9 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# 1406

Delta R.T. -0.00 min

Lab File: BG024503.D

Acq: 25 Oct 2016 18:52

Tgt Ion: 136 Resp: 401048

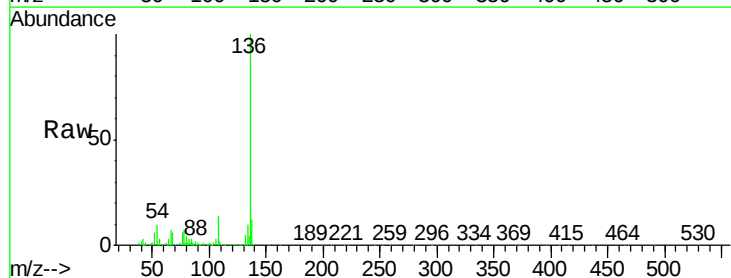
Ion Ratio Lower Upper

136 100

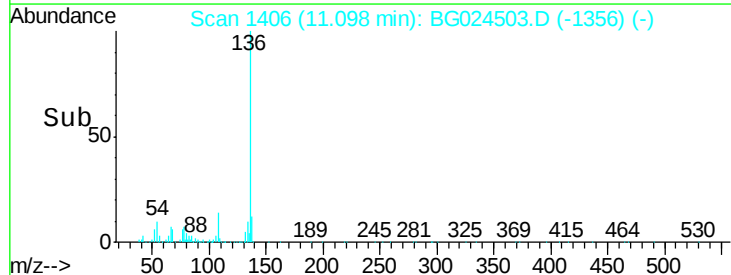
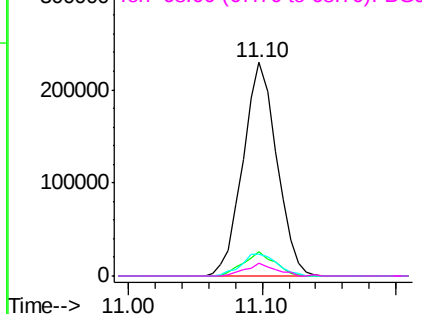
137 11.5 8.9 13.3

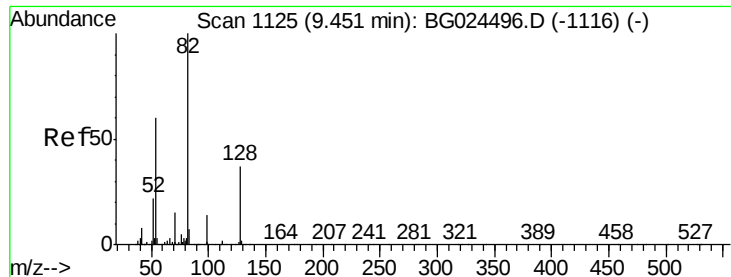
54 10.3 9.3 13.9

68 5.9 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

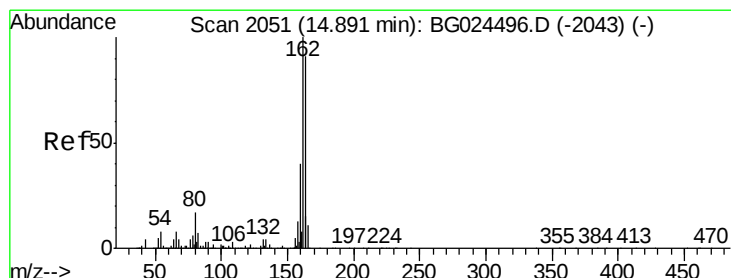
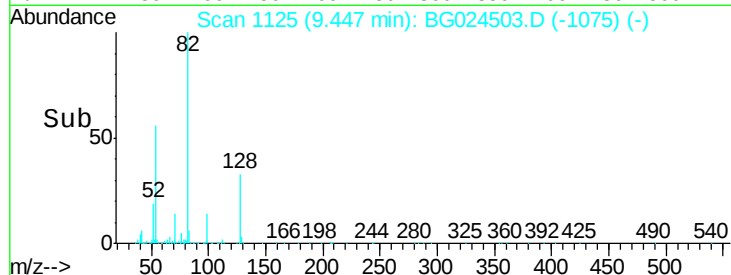
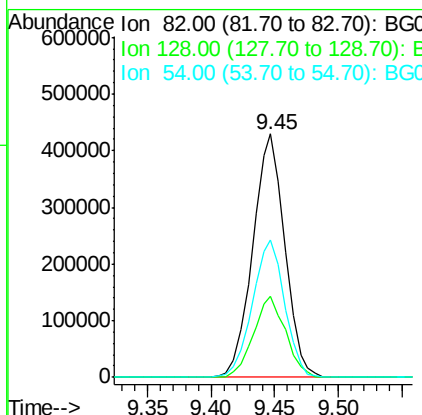
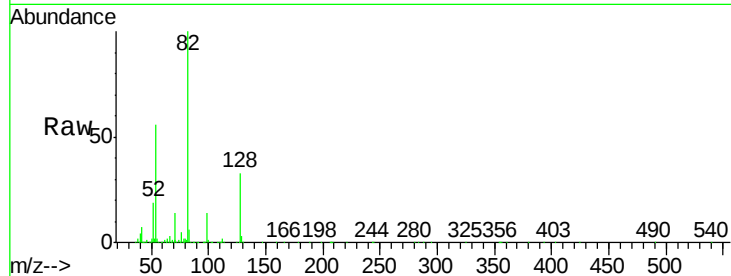




#23
 Nitrobenzene-d5
 Concen: 85.86 ng
 RT: 9.45 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BG024503.D
 Acq: 25 Oct 2016 18:52

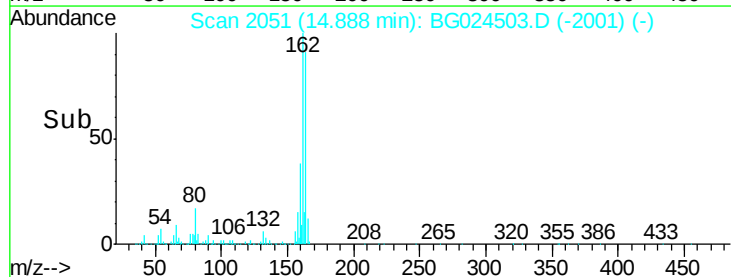
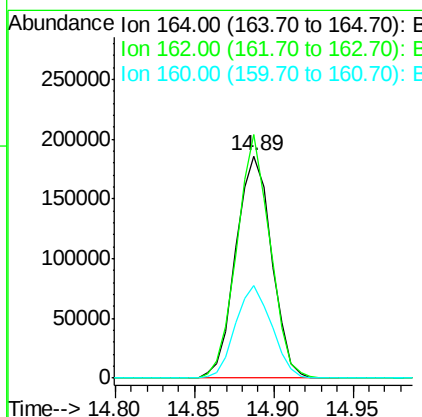
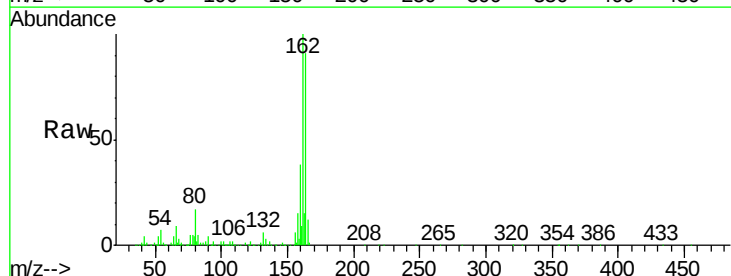
Instrument :
 BNA_G
 ClientSampleId :
 PB94296BL

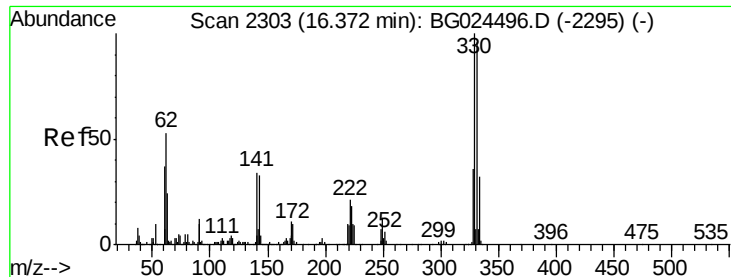
Tot Ion	82	Resp	756313
Ion Ratio	Lower	Upper	
82	100		
128	33.3	26.4	39.6
54	56.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG024503.D
 Acq: 25 Oct 2016 18:52

Tgt Ion	164	Resp	291474
Ion Ratio	Lower	Upper	
164	100		
162	109.7	85.1	127.7
160	41.7	34.7	52.1

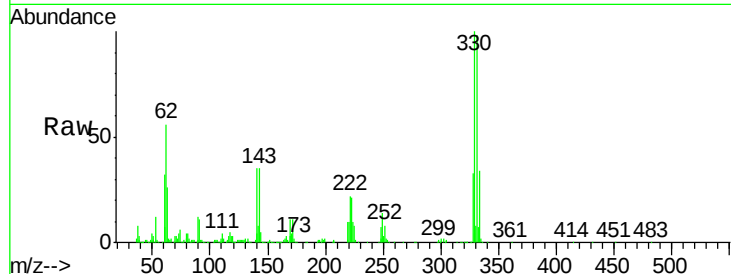




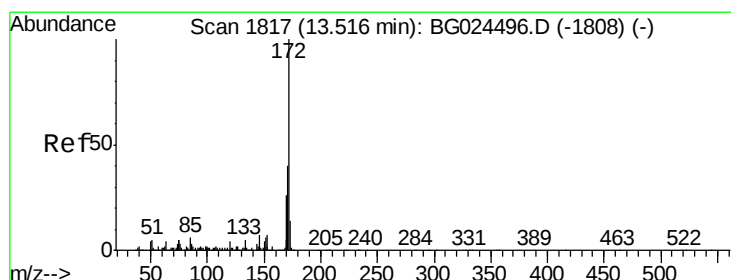
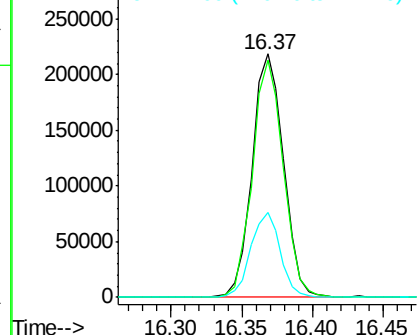
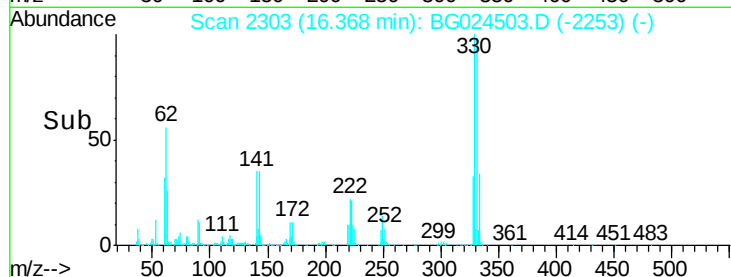
#41
 2,4,6-Tribromophenol
 Concen: 78.49 ng
 RT: 16.37 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG024503.D
 Acq: 25 Oct 2016 18:52

Instrument :
 BNA_G
 ClientSampleId :
 PB94296BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	33.0	32.1	48.1

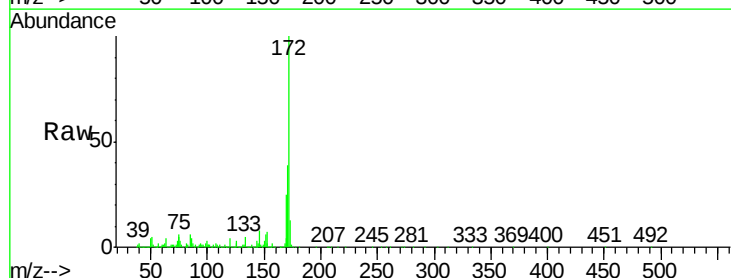


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

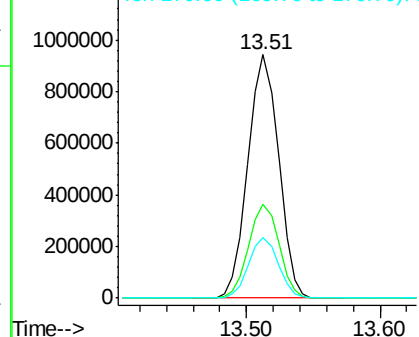
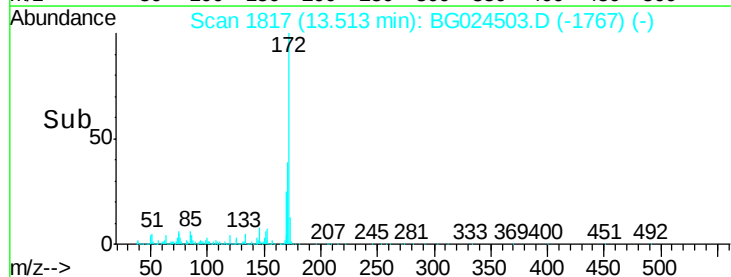


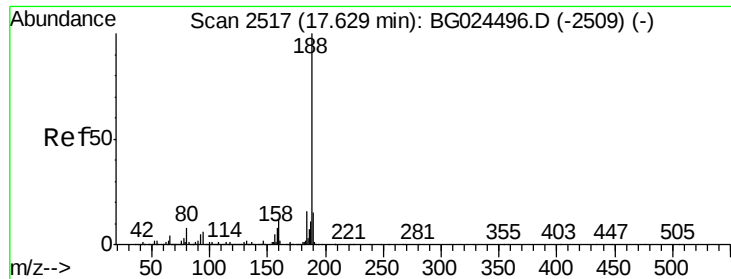
#44
 2-Fluorobiphenyl
 Concen: 85.56 ng
 RT: 13.51 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG024503.D
 Acq: 25 Oct 2016 18:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	32.2	48.2
170	24.6	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: 17.63 min Scan# 2518

Delta R.T. 0.00 min

Lab File: BG024503.D

Acq: 25 Oct 2016 18:52

Instrument :

BNA_G

ClientSampled :

PB94296BL

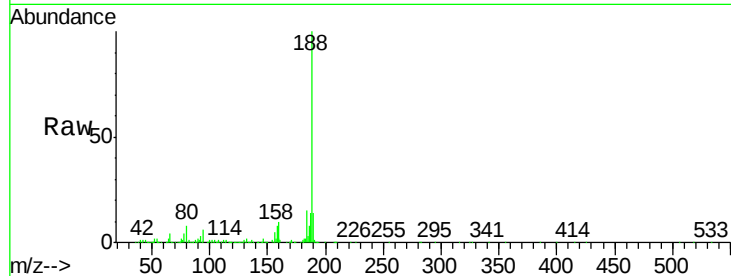
Tot Ion:188 Resp: 659964

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

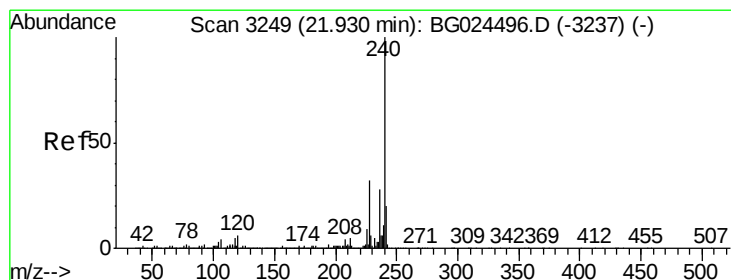
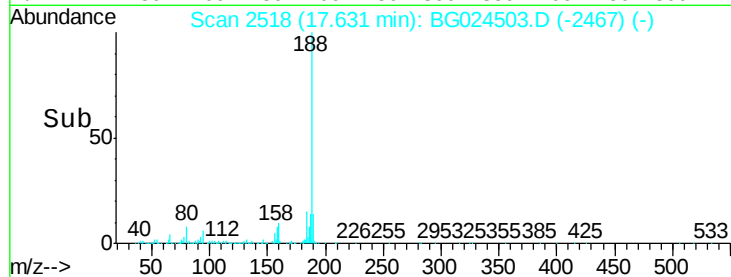
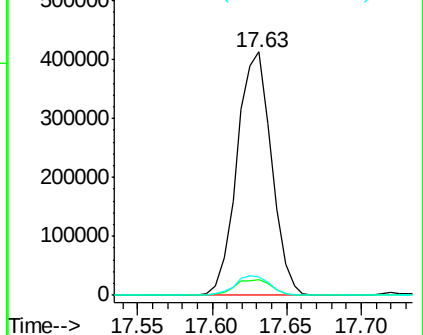
80 7.8 7.5 11.3



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# 3248

Delta R.T. -0.01 min

Lab File: BG024503.D

Acq: 25 Oct 2016 18:52

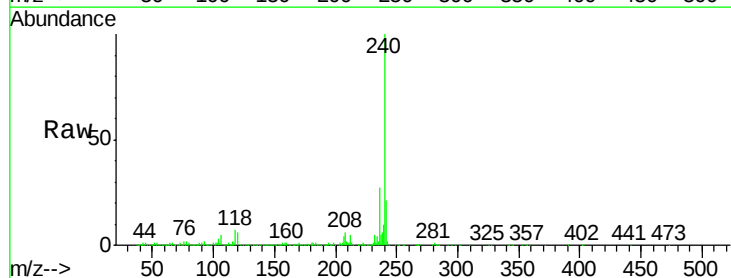
Tgt Ion:240 Resp: 1037531

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

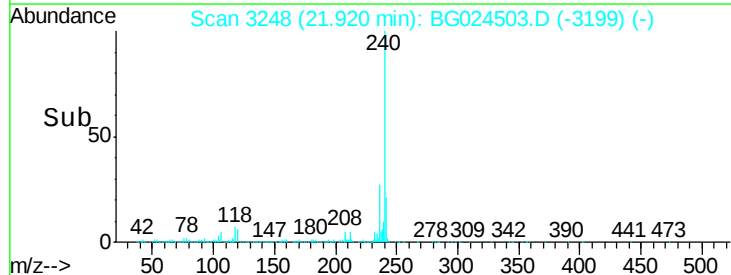
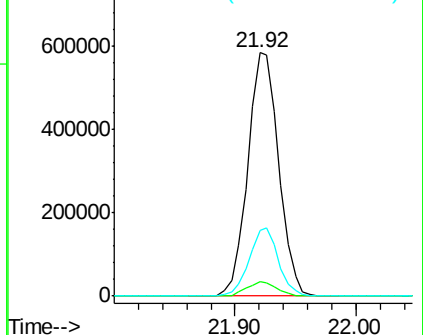
236 27.2 22.2 33.4

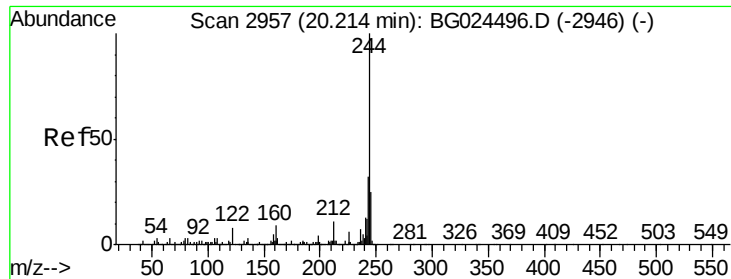


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.33 ng

RT: 20.21 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BG024503.D

Acq: 25 Oct 2016 18:52

Instrument :

BNA_G

ClientSampled :

PB94296BL

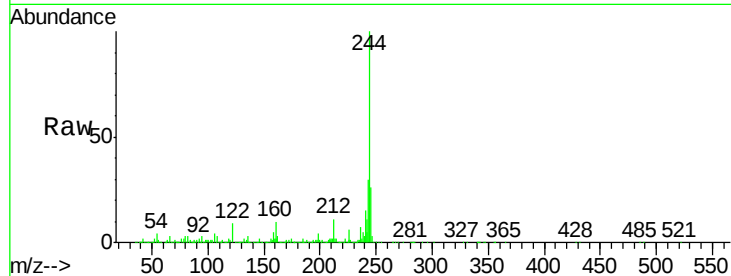
Tot Ion:244 Resp: 2858810

Ion Ratio Lower Upper

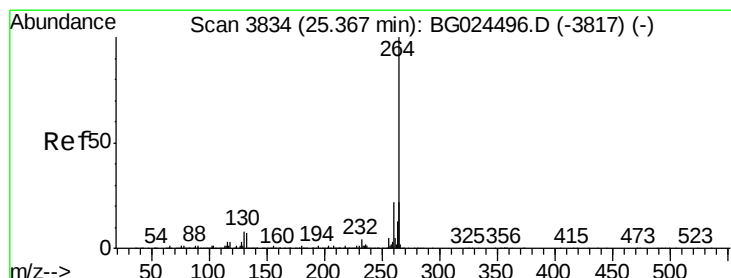
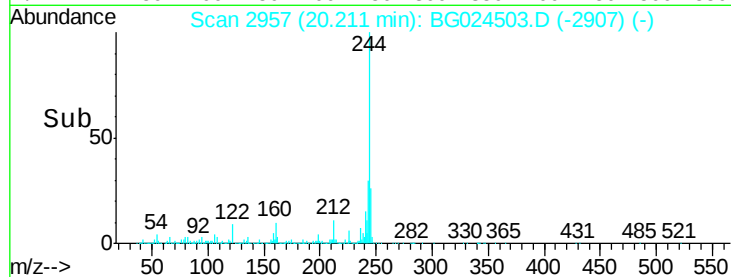
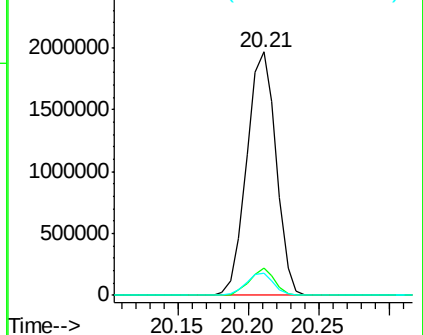
244 100

212 11.0 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# 3832

Delta R.T. -0.02 min

Lab File: BG024503.D

Acq: 25 Oct 2016 18:52

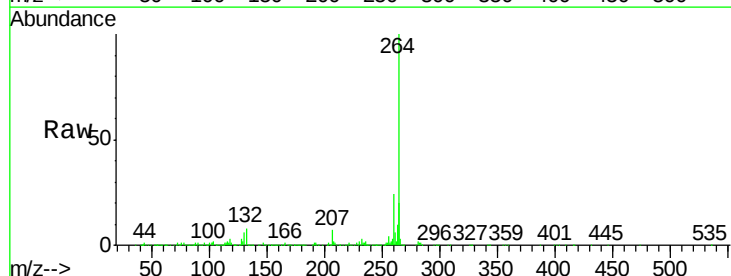
Tgt Ion:264 Resp: 1078153

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 20.4 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

