

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091916\
 Data File : BG024023.D
 Acq On : 19 Sep 2016 18:15
 Operator : UM/SJ
 Sample : PB93461BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93461BL

Quant Time: Sep 20 01:05:31 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 01:00:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	41594	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	174653	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	148240	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	365005	20.00	ng	0.00
75) Chrysene-d12	21.80	240	429795	20.00	ng	0.00
86) Perylene-d12	25.15	264	402205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	354092	149.46	ng	0.00
7) Phenol-d6	7.22	99	518454	142.16	ng	0.00
23) Nitrobenzene-d5	9.24	82	390766	99.89	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	296115	110.87	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	794669	76.86	ng	0.00
78) Terphenyl-d14	20.10	244	1572689	83.33	ng	0.00

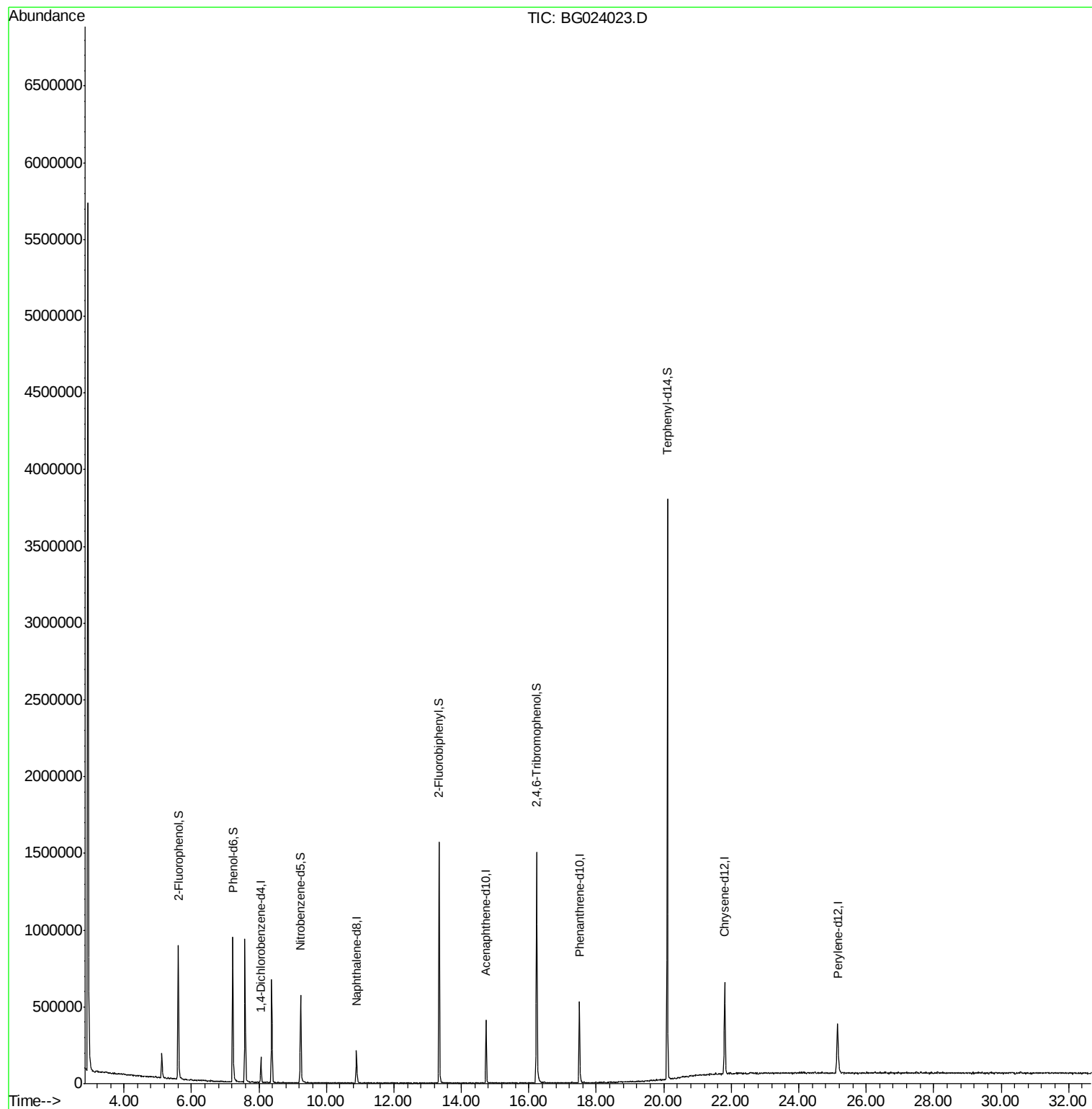
Target Compounds Qvalue

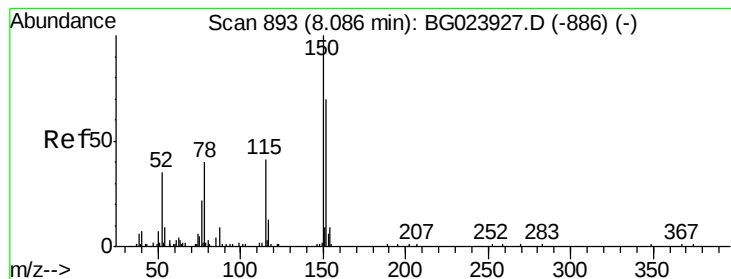
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG024023.D

Acq: 19 Sep 2016 18:15

Instrument :

BNA_G

ClientSampleId :

PB93461BL

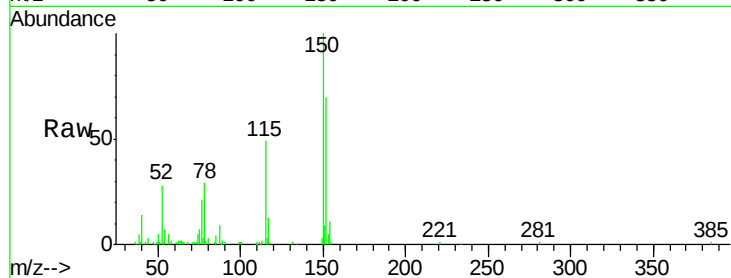
Tot Ion:152 Resp: 41594

Ion Ratio Lower Upper

152 100

150 142.9 144.7 217.1#

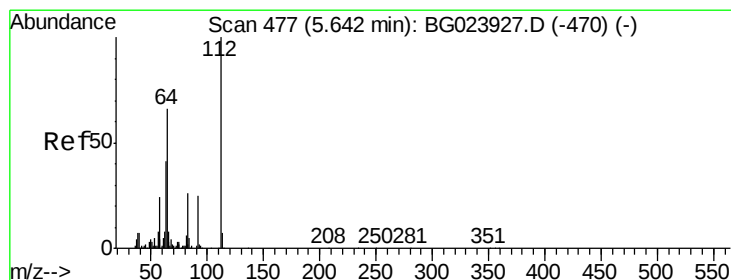
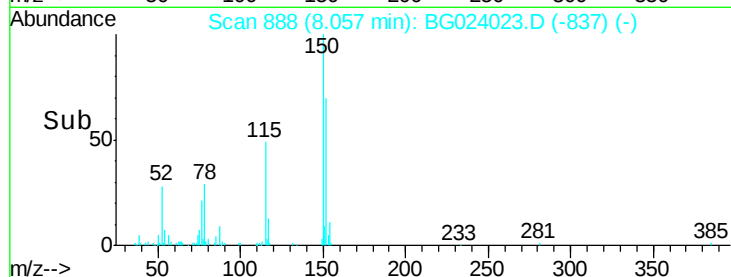
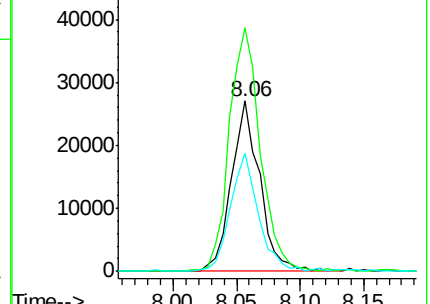
115 69.5 64.0 96.0



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: 149.46 ng

RT: 5.61 min Scan# 471

Delta R.T. 0.01 min

Lab File: BG024023.D

Acq: 19 Sep 2016 18:15

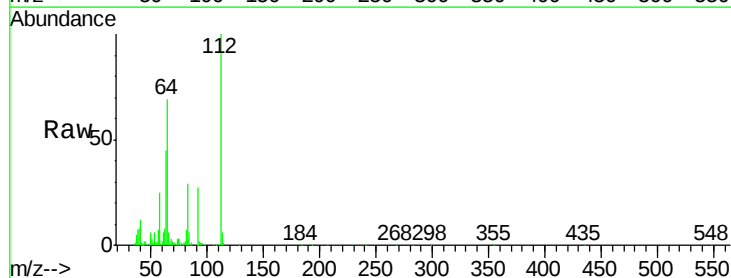
Tgt Ion:112 Resp: 354092

Ion Ratio Lower Upper

112 100

64 69.1 59.0 88.4

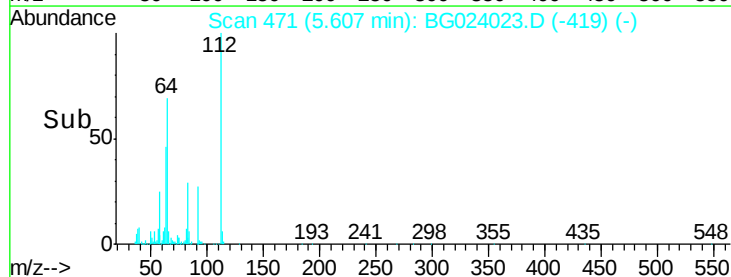
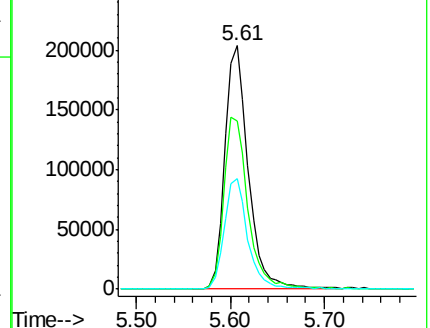
63 45.5 37.8 56.8

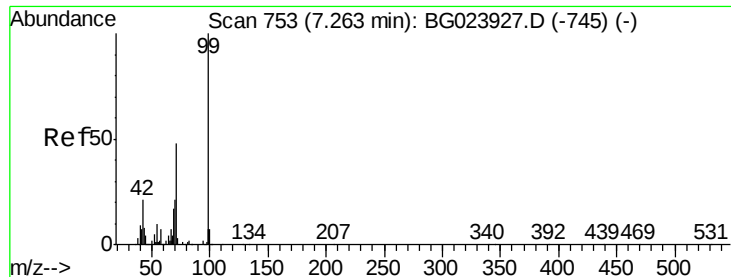


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 142.16 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG024023.D

Acq: 19 Sep 2016 18:15

Instrument :

BNA_G

ClientSampleId :

PB93461BL

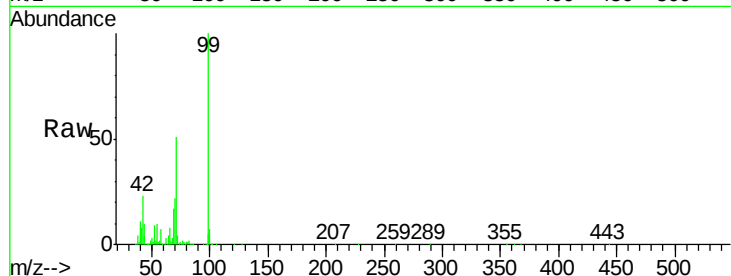
Tot Ion: 99 Resp: 518454

Ion Ratio Lower Upper

99 100

42 22.7 17.8 26.6

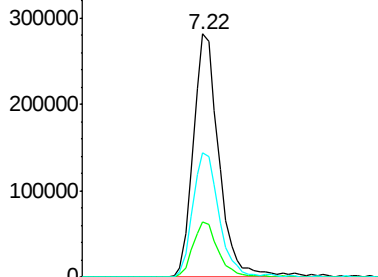
71 51.2 41.5 62.3



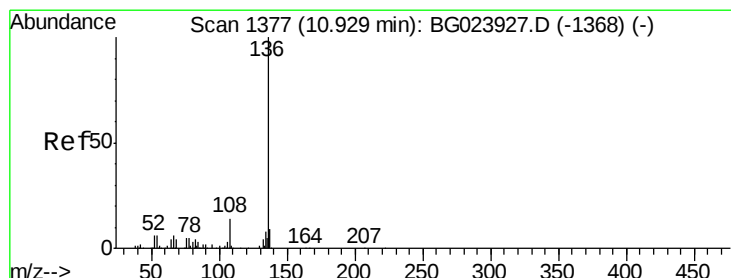
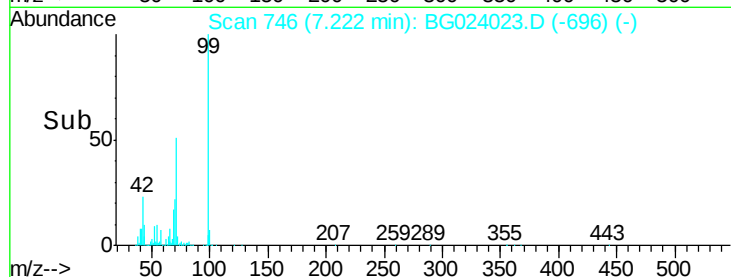
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time--> 7.10 7.20 7.30



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.89 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BG024023.D

Acq: 19 Sep 2016 18:15

Tgt Ion: 136 Resp: 174653

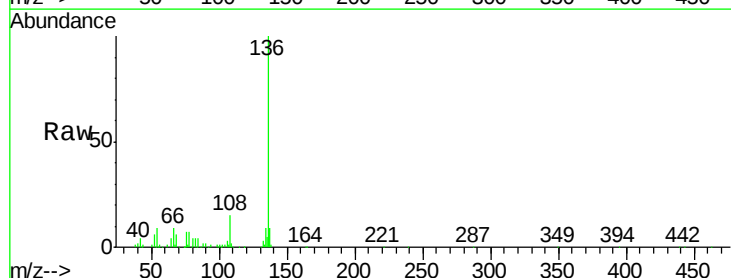
Ion Ratio Lower Upper

136 100

137 9.0 9.6 14.4#

54 9.3 7.3 10.9

68 6.1 5.3 7.9

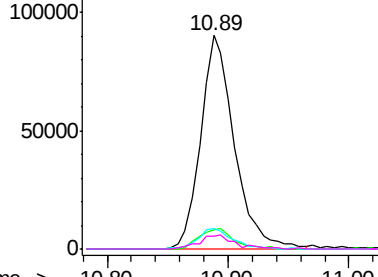


Abundance Ion 136.00 (135.70 to 136.70): BGC

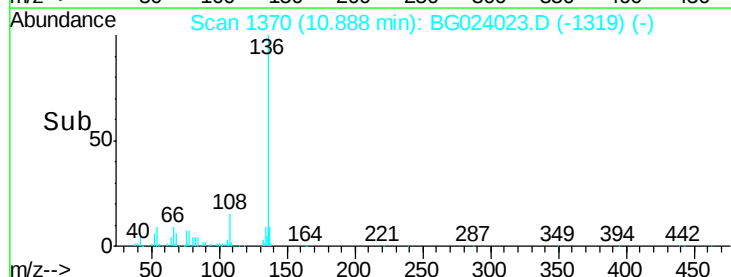
Ion 137.00 (136.70 to 137.70): BGC

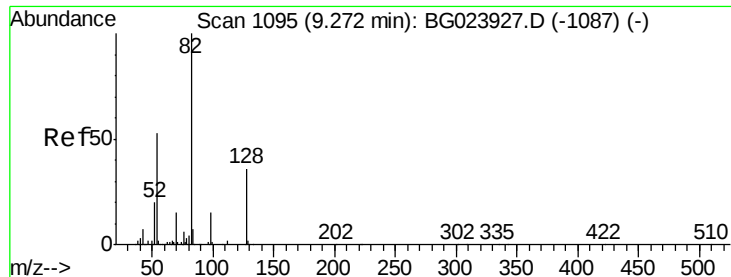
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time--> 10.80 10.90 11.00

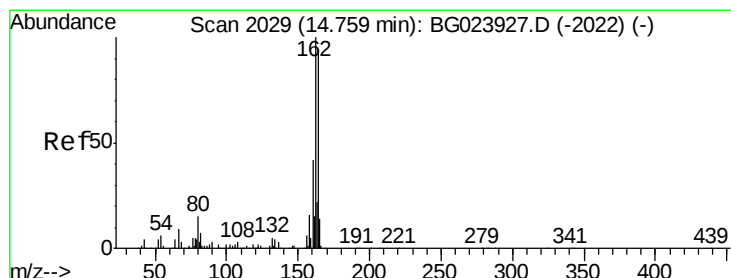
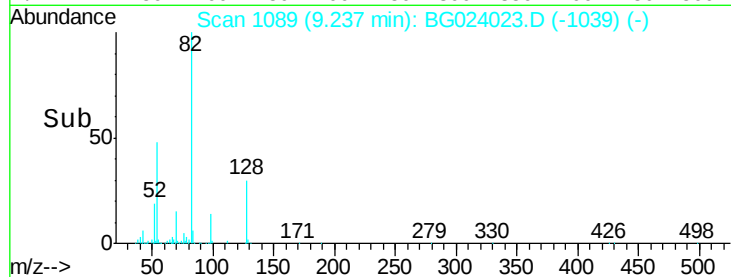
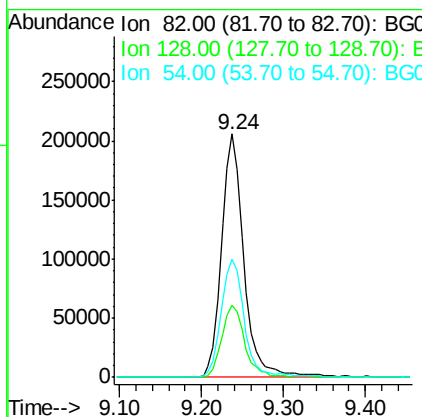
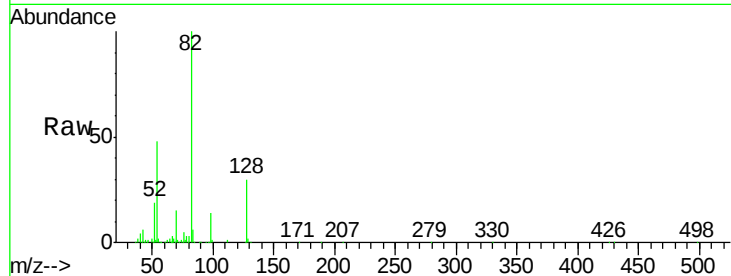




#23
 Nitrobenzene-d5
 Concen: 99.89 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BG024023.D
 Acq: 19 Sep 2016 18:15

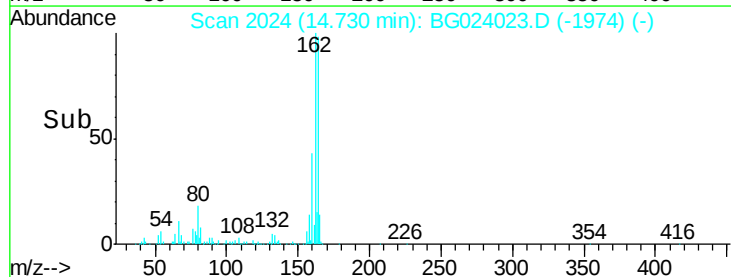
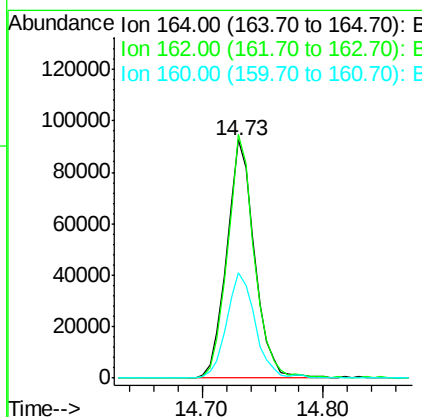
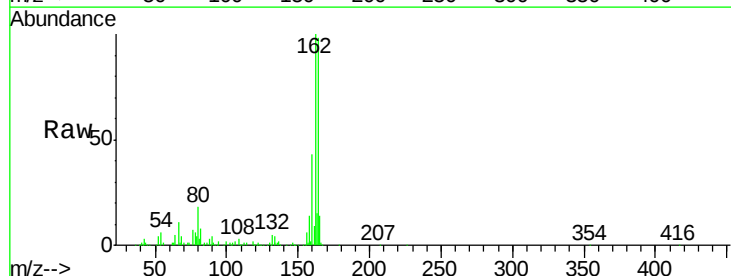
Instrument :
 BNA_G
 ClientSampled :
 PB93461BL

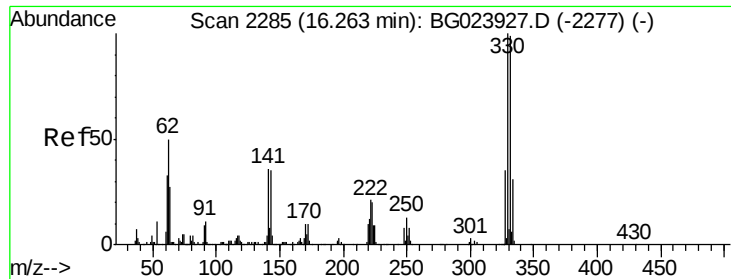
Tot Ion	82	Resp	390766
Ion Ratio	Lower	Upper	
82	100		
128	29.9	24.4	36.6
54	48.5	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BG024023.D
 Acq: 19 Sep 2016 18:15

Tgt Ion	164	Resp	148240
Ion Ratio	Lower	Upper	
164	100		
162	102.3	87.7	131.5
160	44.4	37.2	55.8

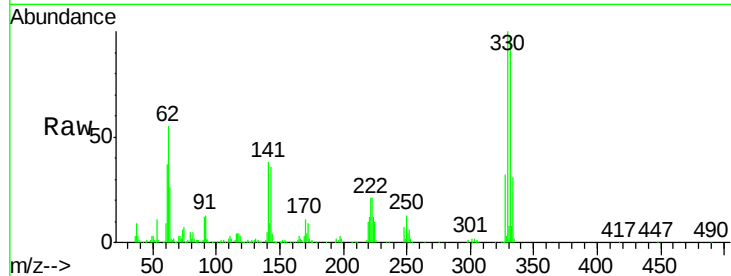




#41
 2,4,6-Tribromophenol
 Concen: 110.87 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BG024023.D
 Acq: 19 Sep 2016 18:15

Instrument :
 BNA_G
 ClientSampleId :
 PB93461BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	40.2	31.7	47.5

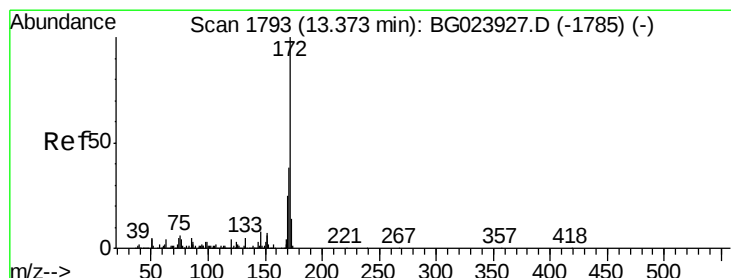
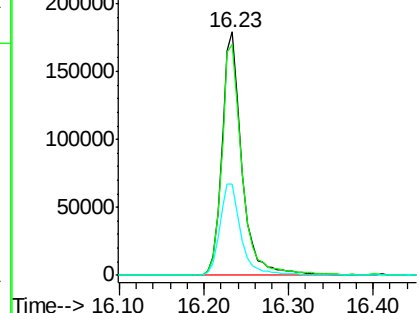
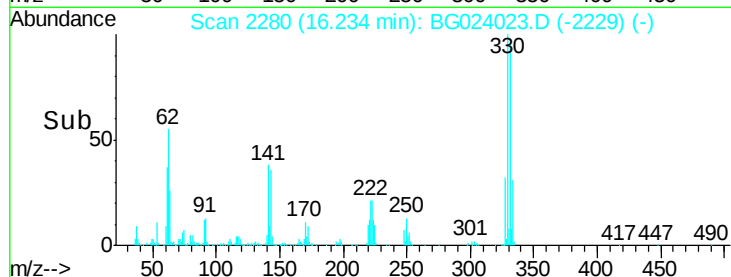


Abundance

Ion 329.80 (329.50 to 330.50): E

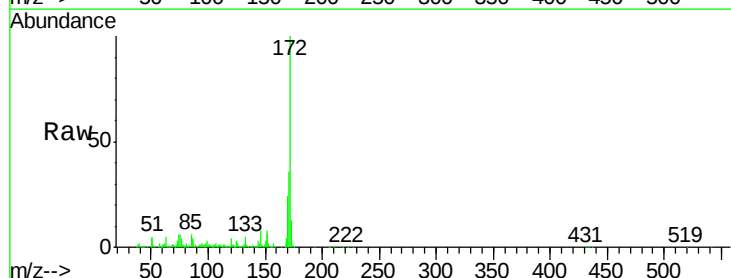
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.86 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BG024023.D
 Acq: 19 Sep 2016 18:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	31.6	47.4
170	24.3	21.3	31.9

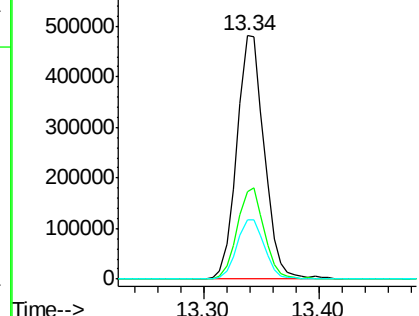
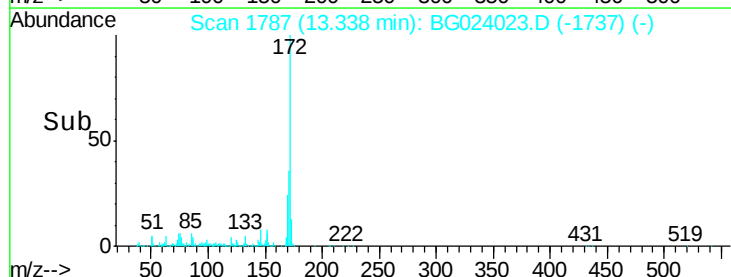


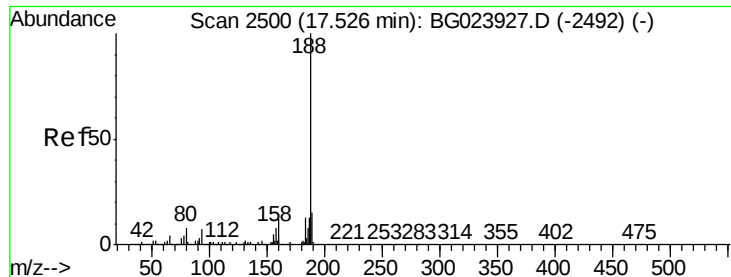
Abundance

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: 17.50 min Scan# 2495

Delta R.T. 0.00 min

Lab File: BG024023.D

Acq: 19 Sep 2016 18:15

Instrument :

BNA_G

ClientSampleId :

PB93461BL

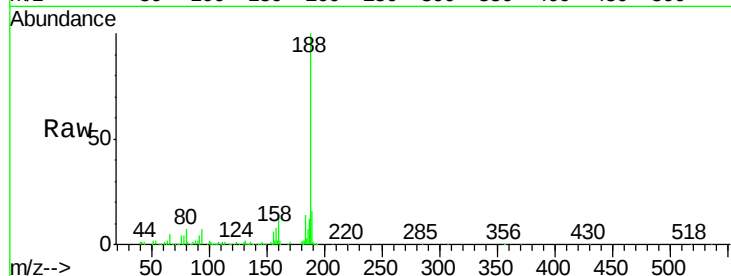
Tot Ion:188 Resp: 365005

Ion Ratio Lower Upper

188 100

94 6.9 5.2 7.8

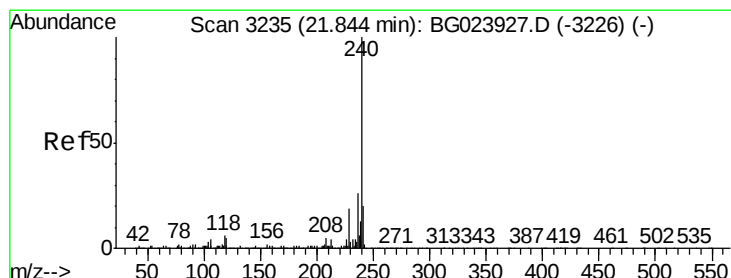
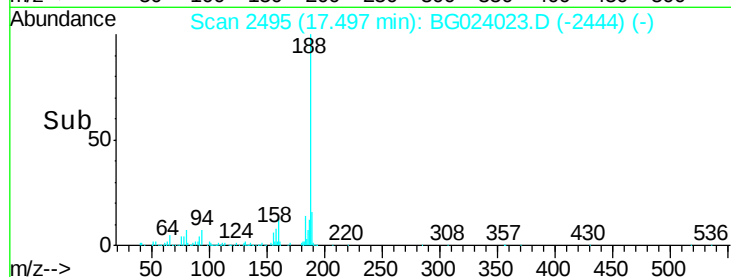
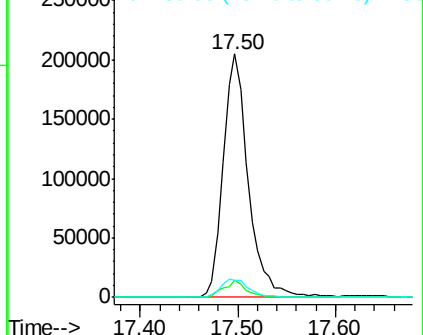
80 7.3 7.2 10.8



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: 21.80 min Scan# 3228

Delta R.T. -0.01 min

Lab File: BG024023.D

Acq: 19 Sep 2016 18:15

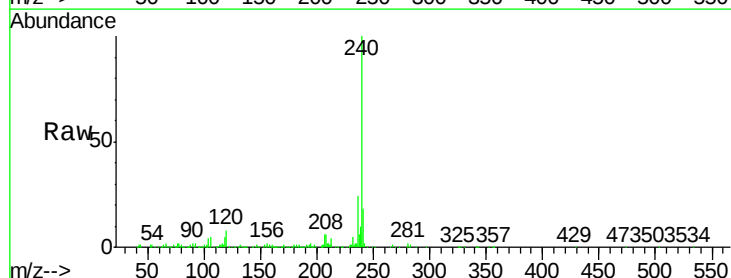
Tgt Ion:240 Resp: 429795

Ion Ratio Lower Upper

240 100

120 7.5 4.1 6.1#

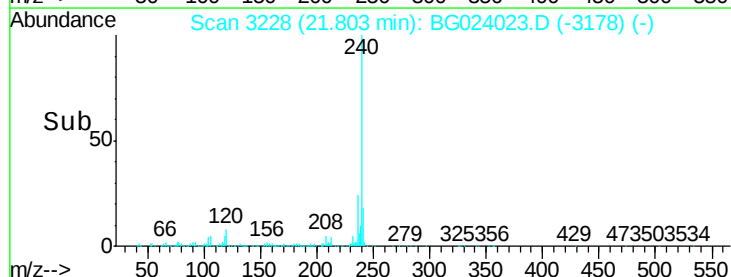
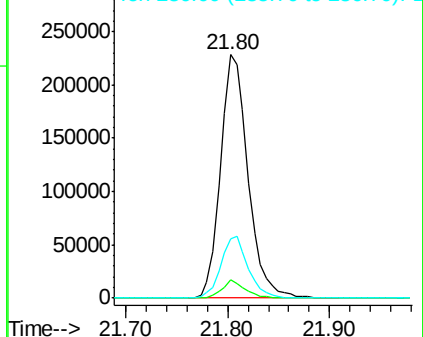
236 24.4 21.1 31.7

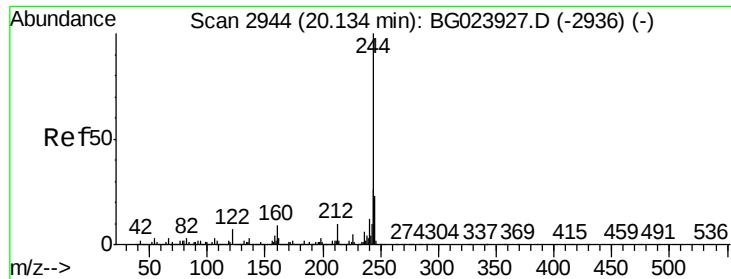


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.33 ng

RT: 20.10 min Scan# 2939

Delta R.T. 0.00 min

Lab File: BG024023.D

Acq: 19 Sep 2016 18:15

Instrument :

BNA_G

ClientSampleId :

PB93461BL

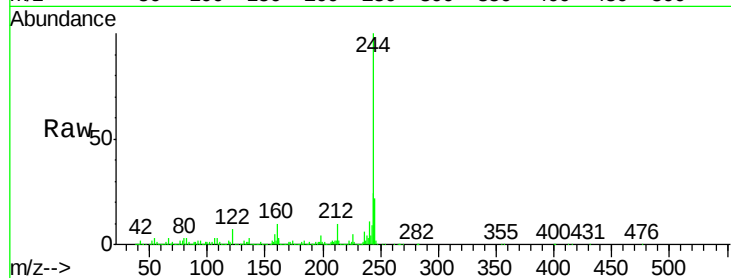
Tot Ion:244 Resp: 1572689

Ion Ratio Lower Upper

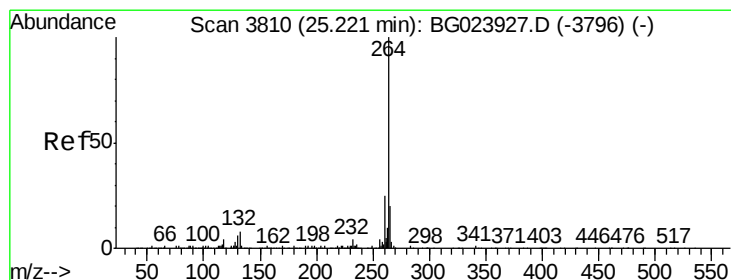
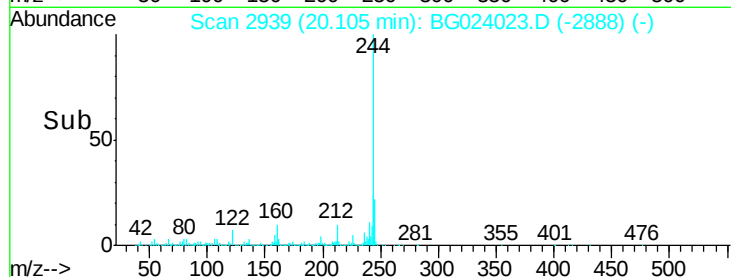
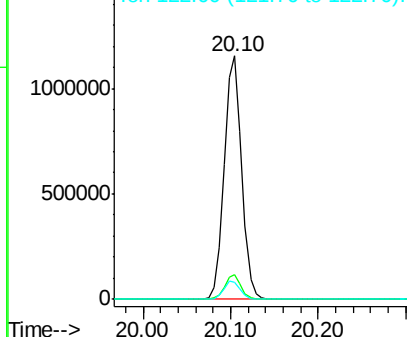
244 100

212 10.2 10.8 16.2#

122 6.9 8.0 12.0#



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: 25.15 min Scan# 3798

Delta R.T. 0.00 min

Lab File: BG024023.D

Acq: 19 Sep 2016 18:15

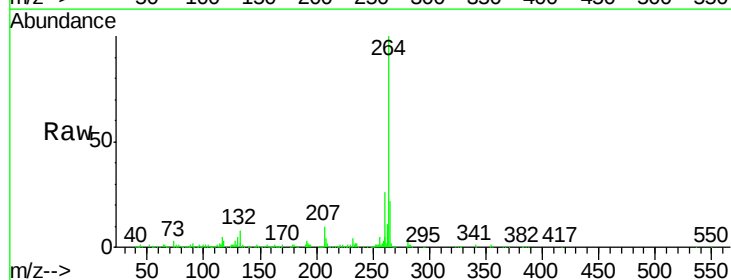
Tgt Ion:264 Resp: 402205

Ion Ratio Lower Upper

264 100

260 25.7 18.4 27.6

265 22.1 18.9 28.3



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

