

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060716\
 Data File : BG022209.D
 Acq On : 7 Jun 2016 18:07
 Operator : UM/SJ
 Sample : PB91119BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91119BL

Quant Time: Jun 08 03:10:30 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	22828	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	104724	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	70663	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	182047	20.00	ng	0.00
75) Chrysene-d12	21.77	240	181989	20.00	ng	0.00
86) Perylene-d12	25.06	264	171499	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	176960	149.88	ng	0.00
7) Phenol-d6	7.28	99	247135	133.13	ng	0.00
23) Nitrobenzene-d5	9.29	82	122279	81.40	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	104868	131.34	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	361365	77.93	ng	0.00
78) Terphenyl-d14	20.08	244	666672	86.97	ng	0.00

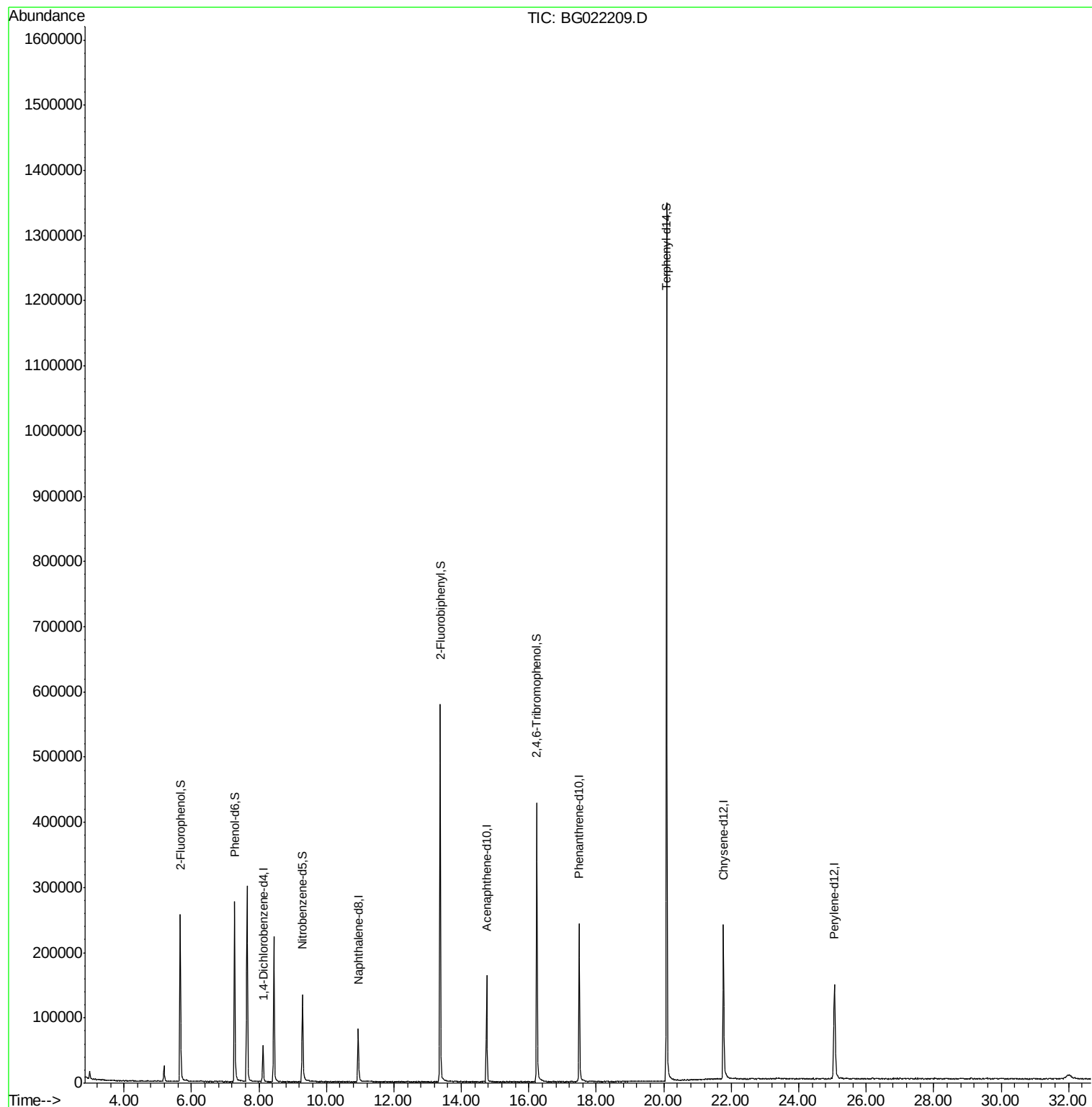
Target Compounds Qvalue

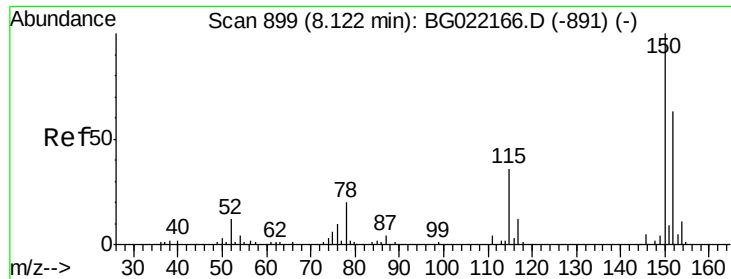
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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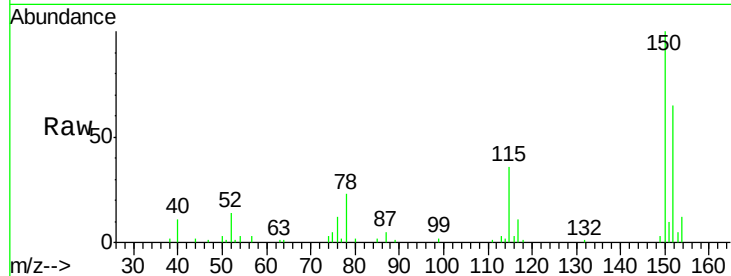


#1

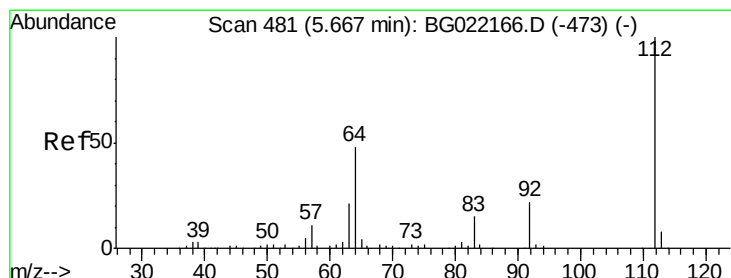
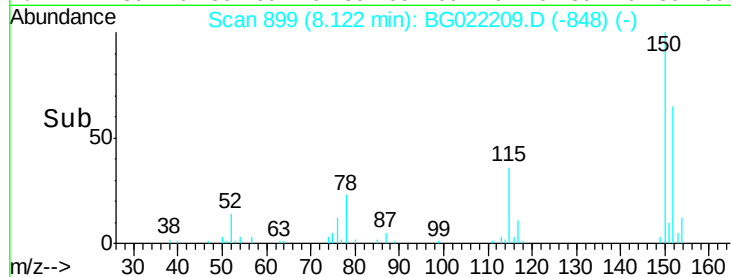
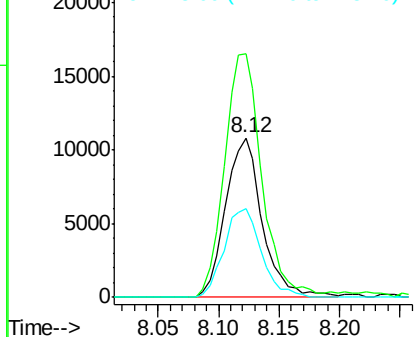
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG022209.D
Acq: 7 Jun 2016 18:07

Instrument :
BNA_G
ClientSampleId :
PB91119BL

Tot Ion:152 Resp: 22828
Ion Ratio Lower Upper
152 100
150 152.8 130.1 195.1
115 55.6 62.2 93.2#



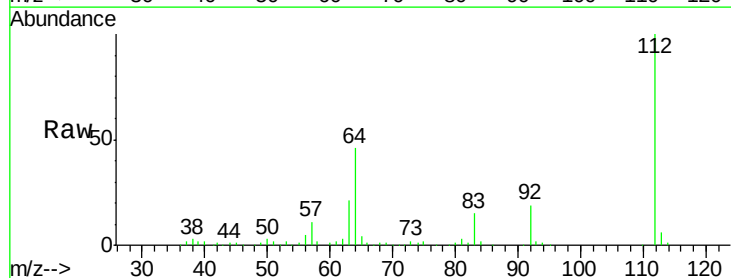
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



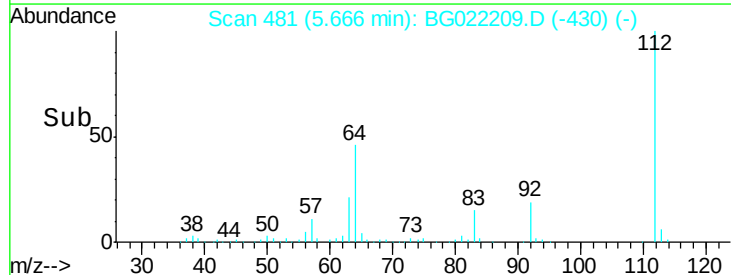
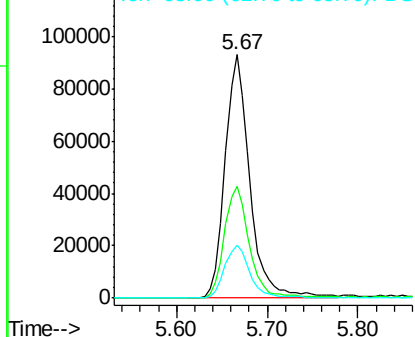
#5

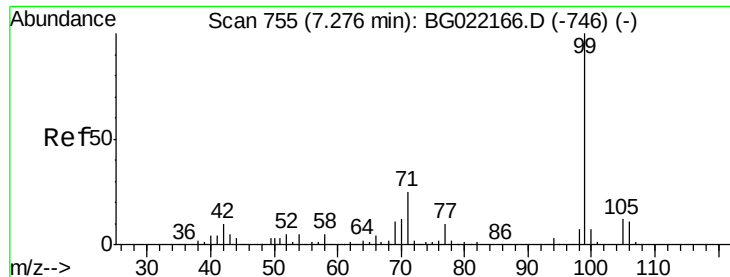
2-Fluorophenol
Concen: 149.88 ng
RT: 5.67 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG022209.D
Acq: 7 Jun 2016 18:07

Tgt Ion:112 Resp: 176960
Ion Ratio Lower Upper
112 100
64 45.8 51.1 76.7#
63 21.5 24.6 37.0#



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: 133.13 ng

RT: 7.28 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022209.D

Acq: 7 Jun 2016 18:07

Instrument :

BNA_G

ClientSampleId :

PB91119BL

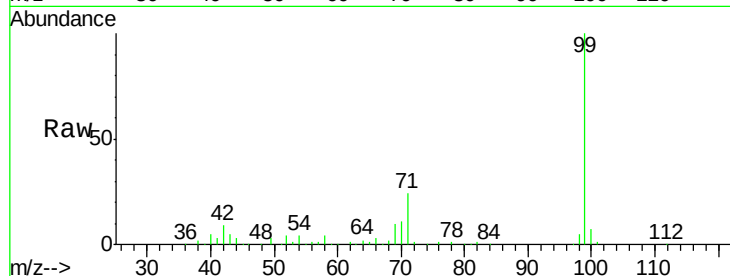
Tot Ion: 99 Resp: 247135

Ion Ratio Lower Upper

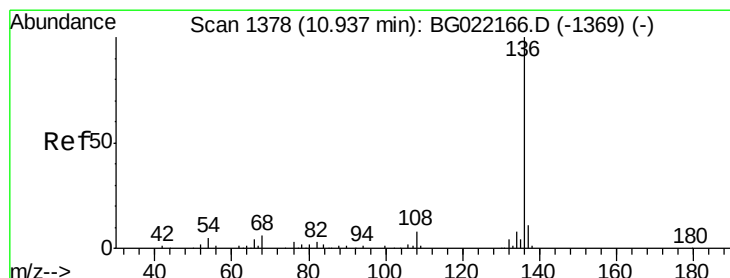
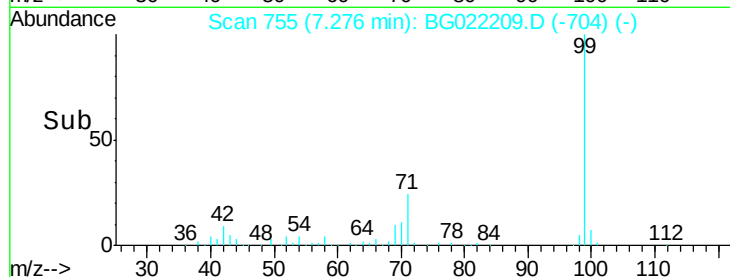
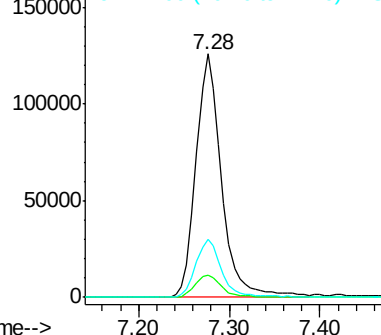
99 100

42 9.2 16.4 24.6#

71 23.9 25.0 37.4#



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: 10.94 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BG022209.D

Acq: 7 Jun 2016 18:07

Tgt Ion: 136 Resp: 104724

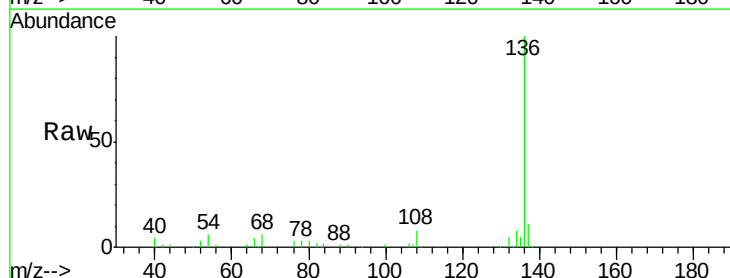
Ion Ratio Lower Upper

136 100

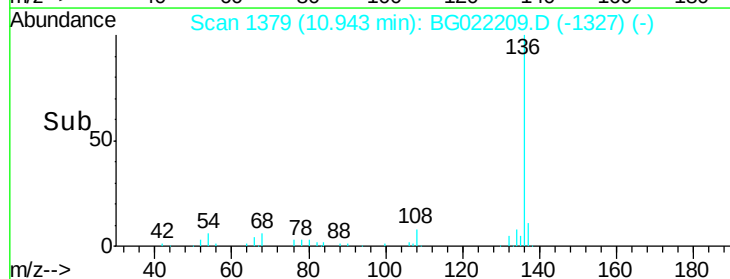
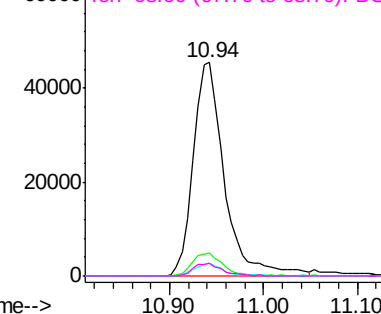
137 10.6 9.0 13.4

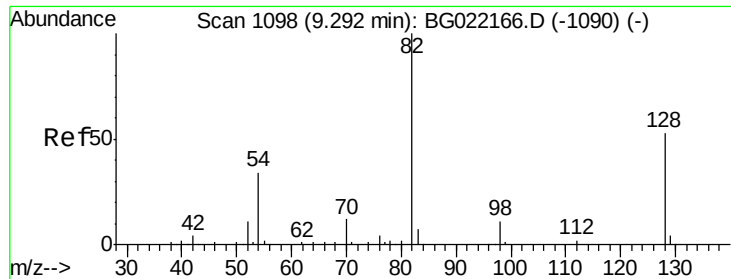
54 5.8 9.6 14.4#

68 5.7 6.4 9.6#



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

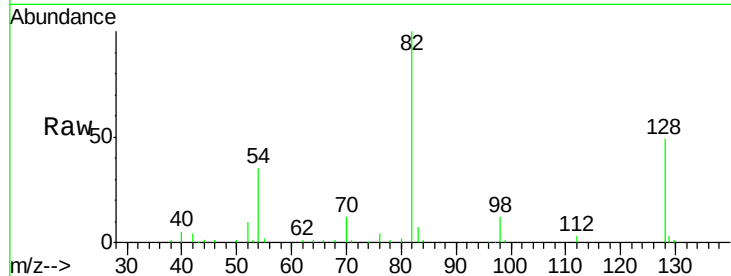




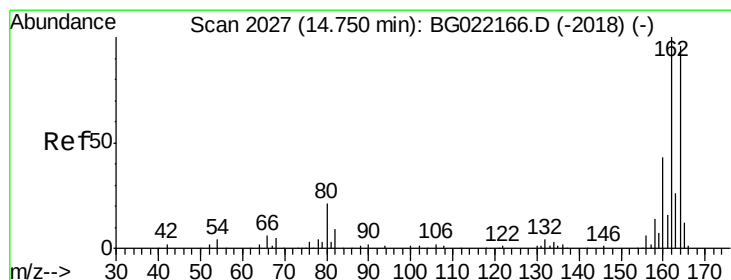
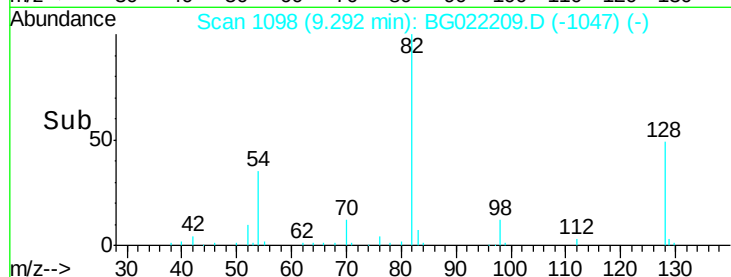
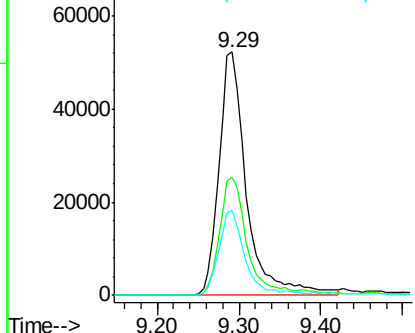
#23
Nitrobenzene-d5
Concen: 81.40 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022209.D
Acq: 7 Jun 2016 18:07

Instrument :
BNA_G
ClientSampleId :
PB91119BL

Tot Ion: 82 Resp: 122279
Ion Ratio Lower Upper
82 100
128 48.7 33.4 50.0
54 35.0 46.1 69.1#

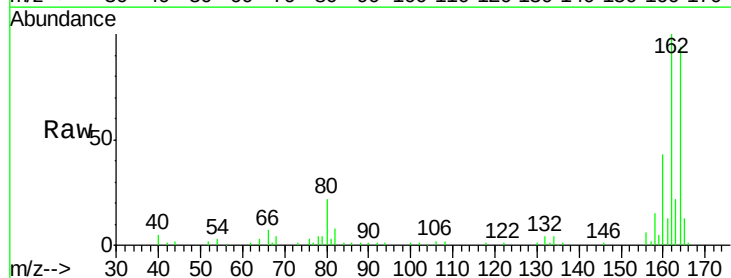


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

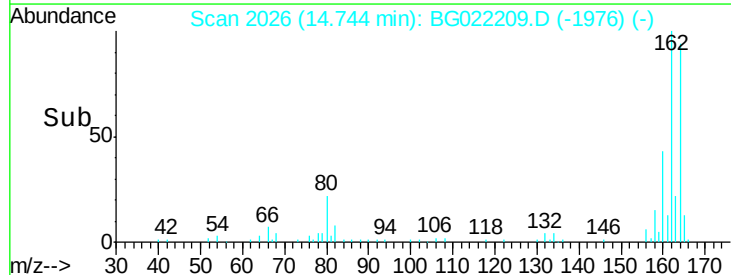
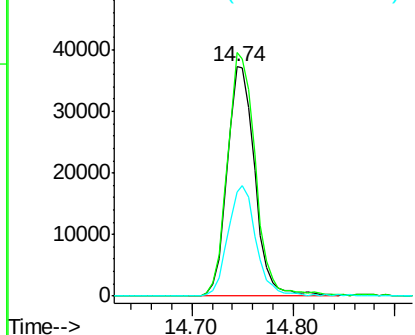


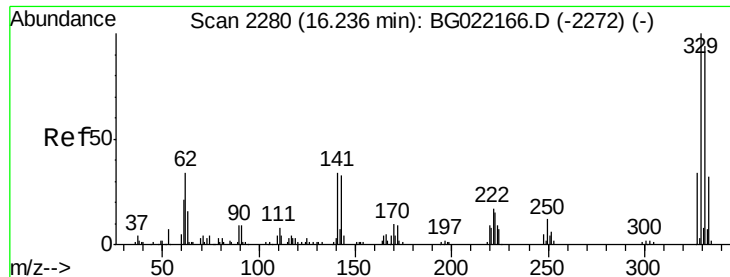
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG022209.D
Acq: 7 Jun 2016 18:07

Tgt Ion:164 Resp: 70663
Ion Ratio Lower Upper
164 100
162 106.3 78.0 117.0
160 45.2 32.9 49.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

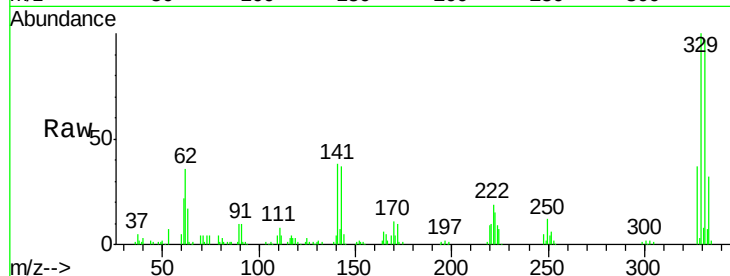




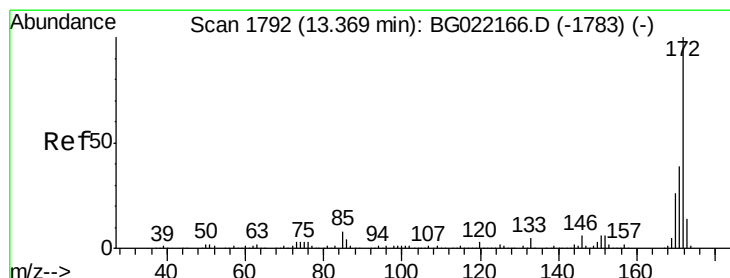
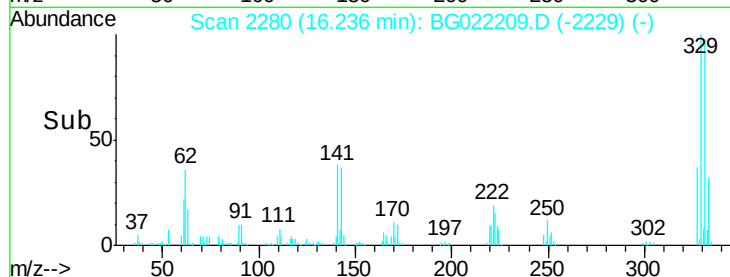
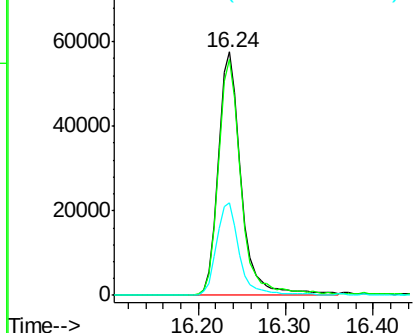
#41
 2,4,6-Tribromophenol
 Concen: 131.34 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022209.D
 Acq: 7 Jun 2016 18:07

Instrument :
 BNA_G
 ClientSampleId :
 PB91119BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.0	117.0
141	38.4	33.8	50.8

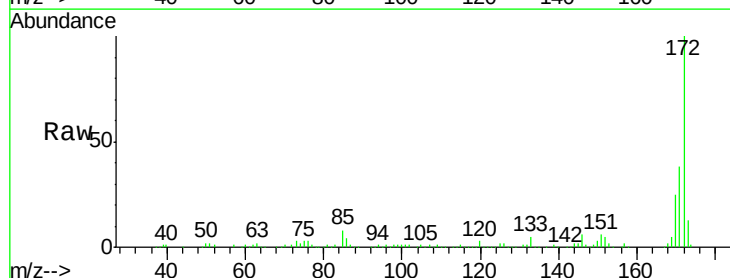


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

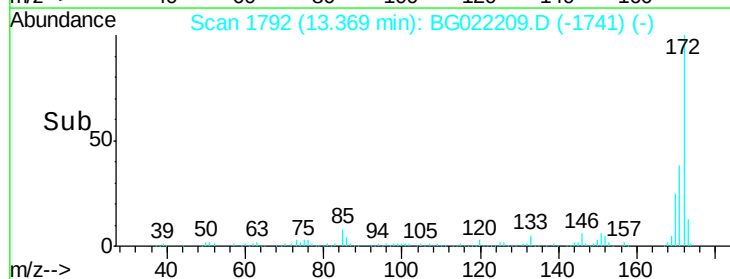
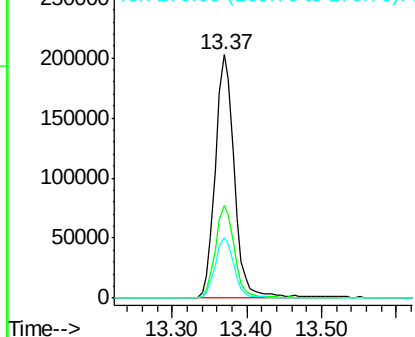


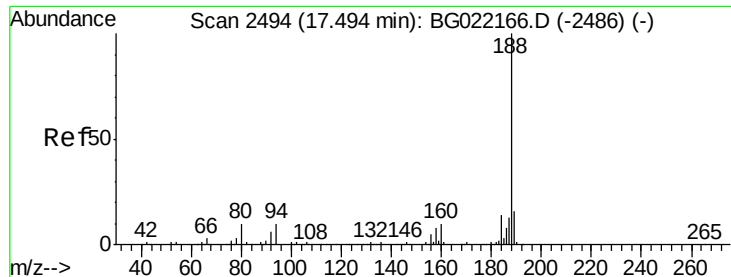
#44
 2-Fluorobiphenyl
 Concen: 77.93 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022209.D
 Acq: 7 Jun 2016 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	27.8	41.6
170	25.1	19.6	29.4



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

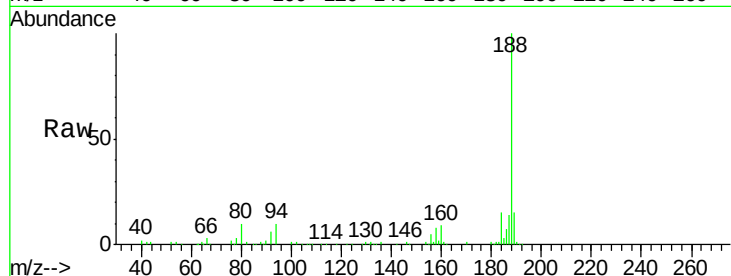




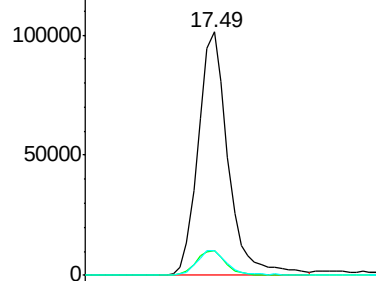
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022209.D
Acq: 7 Jun 2016 18:07

Instrument :
BNA_G
ClientSampleId :
PB91119BL

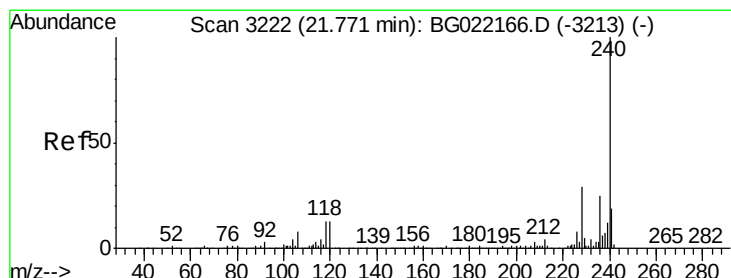
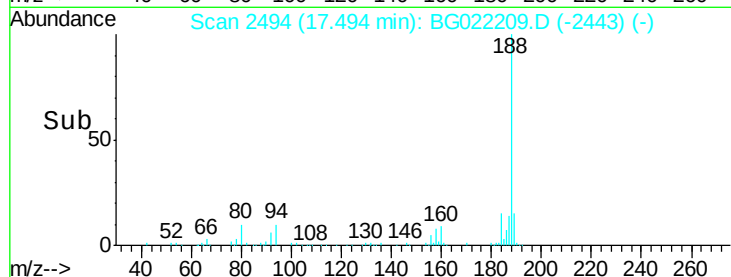
Tot Ion:188 Resp: 182047
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 10.3 8.6 13.0



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

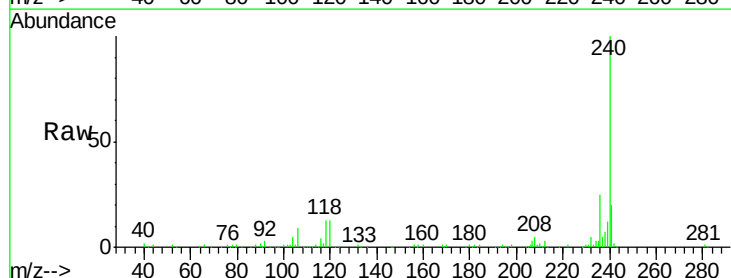


Time-->

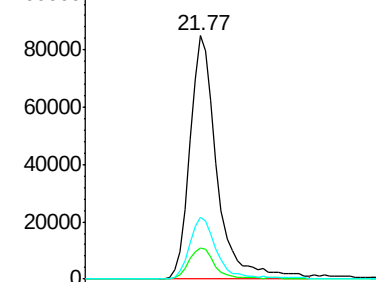


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BG022209.D
Acq: 7 Jun 2016 18:07

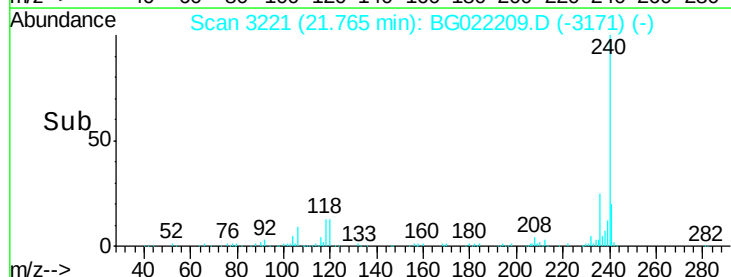
Tgt Ion:240 Resp: 181989
Ion Ratio Lower Upper
240 100
120 12.8 8.4 12.6#
236 25.4 19.6 29.4

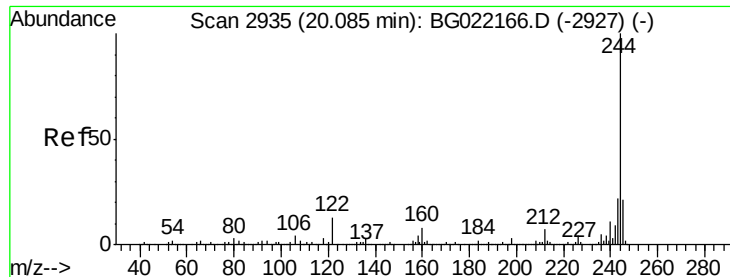


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 86.97 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022209.D

Acq: 7 Jun 2016 18:07

Instrument :

BNA_G

ClientSampleId :

PB91119BL

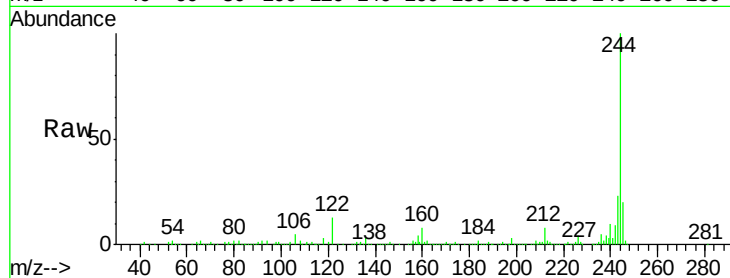
Tot Ion:244 Resp: 666672

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

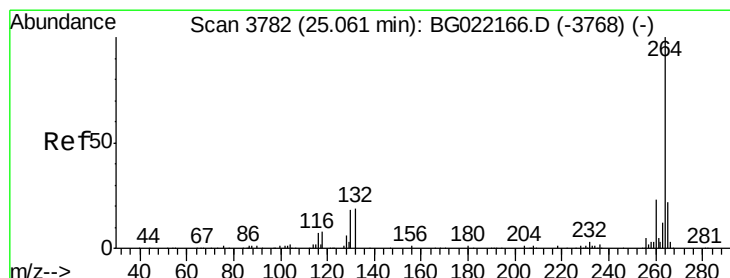
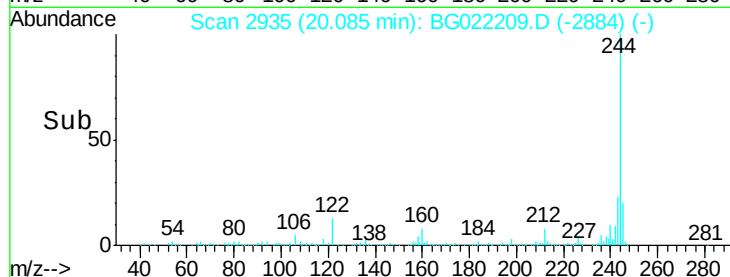
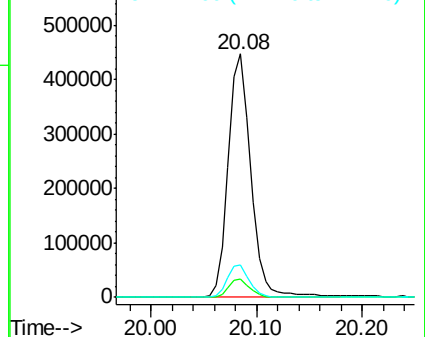
122 13.2 8.6 12.8#



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: 25.06 min Scan# 3782

Delta R.T. -0.00 min

Lab File: BG022209.D

Acq: 7 Jun 2016 18:07

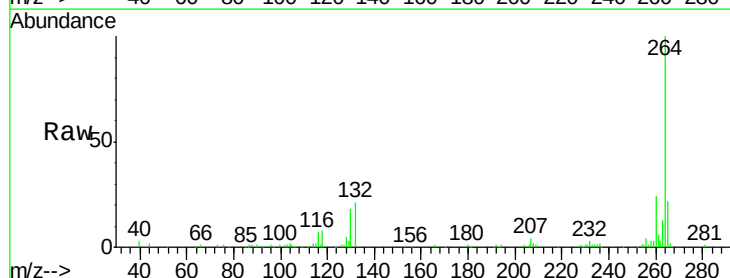
Tgt Ion:264 Resp: 171499

Ion Ratio Lower Upper

264 100

260 23.6 20.2 30.4

265 21.7 17.8 26.8



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

