

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062316\
 Data File : BG022509.D
 Acq On : 23 Jun 2016 7:49
 Operator : UM/SJ
 Sample : H3623-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 23 13:30:02 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:27:56 2016
 Response via : Initial Calibration

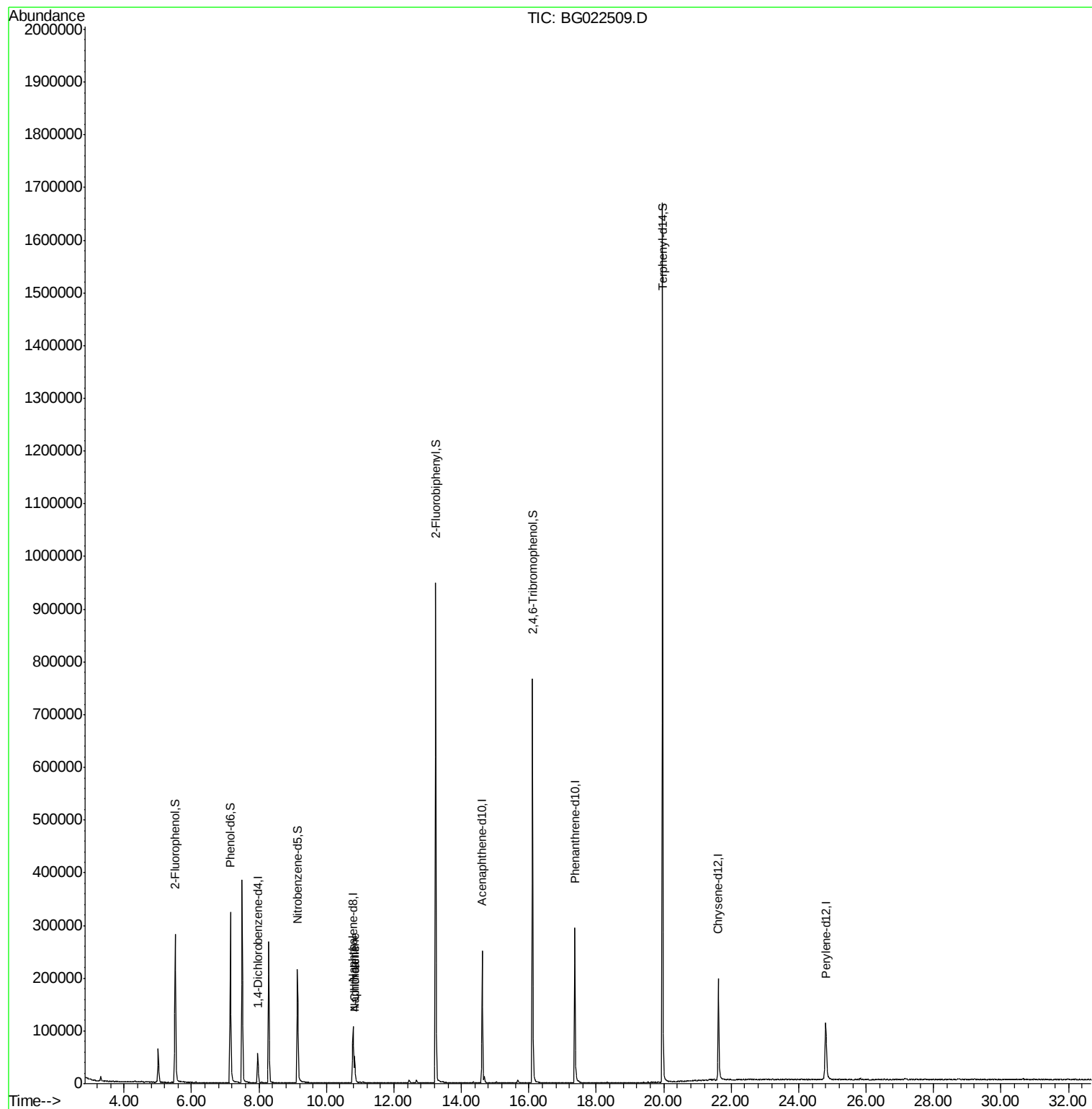
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	20542	20.00	ng	-0.02
21) Naphthalene-d8	10.79	136	124158	20.00	ng	-0.02
38) Acenaphthene-d10	14.62	164	94801	20.00	ng	-0.01
63) Phenanthrene-d10	17.36	188	211361	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	132858	20.00	ng	-0.02
86) Perylene-d12	24.81	264	118120	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	202020	190.15	ng	-0.03
7) Phenol-d6	7.15	99	295892	177.13	ng	-0.03
23) Nitrobenzene-d5	9.14	82	182933	102.72	ng	-0.02
41) 2,4,6-Tribromophenol	16.11	330	143015	133.51	ng	-0.02
44) 2-Fluorobiphenyl	13.24	172	567813	91.28	ng	-0.01
78) Terphenyl-d14	19.96	244	753458	134.64	ng	-0.01
Target Compounds						
31) Naphthalene	10.83	128	55741	8.99	ng	# 98
33) 4-Chloroaniline	10.84	127	7630	2.96	ng	# 34

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

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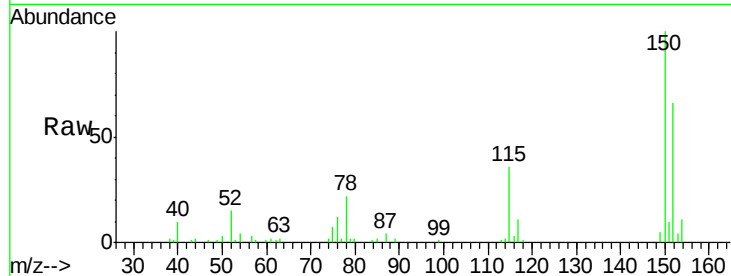


#1

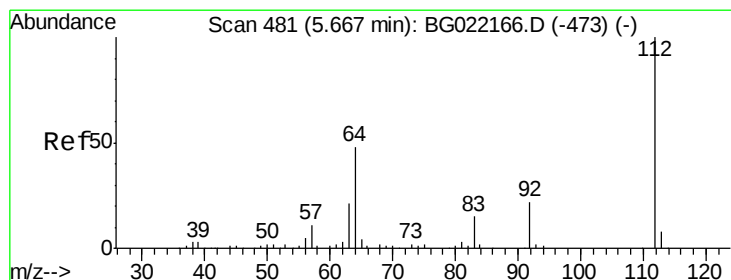
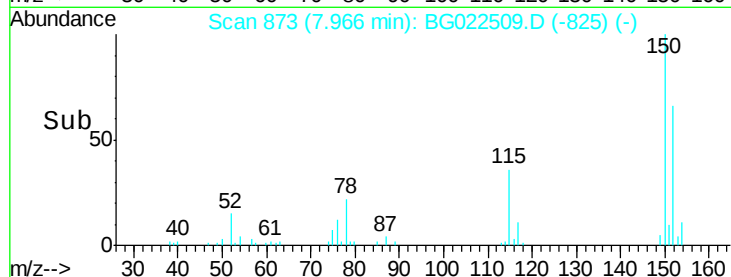
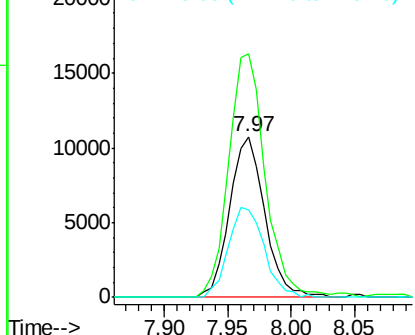
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 873
Delta R.T. -0.02 min
Lab File: BG022509.D
Acq: 23 Jun 2016 7:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 20542
Ion Ratio Lower Upper
152 100
150 151.5 130.1 195.1
115 54.4 62.2 93.2#



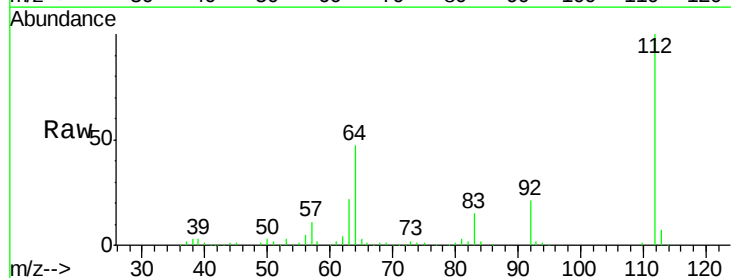
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



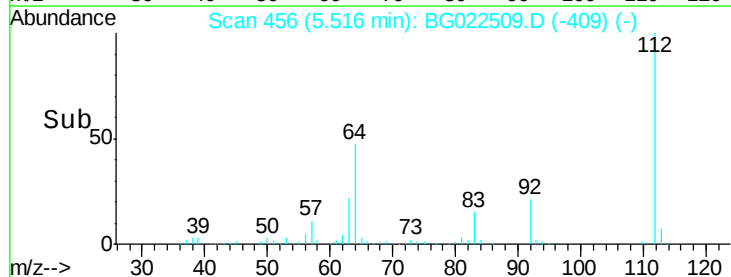
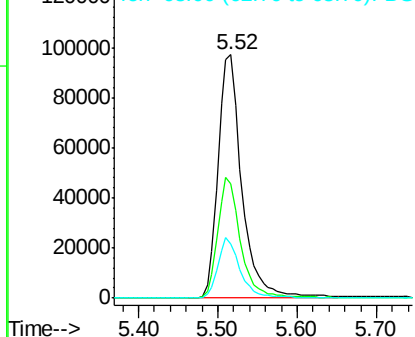
#5

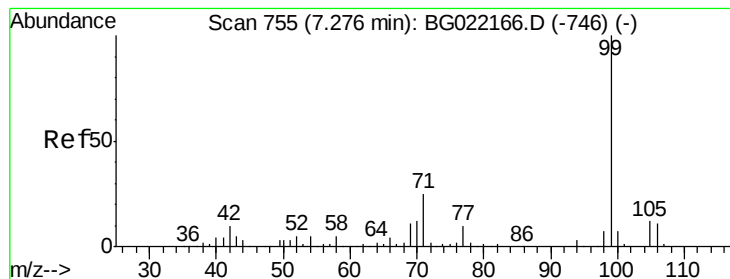
2-Fluorophenol
Concen: 190.15 ng
RT: 5.52 min Scan# 456
Delta R.T. -0.03 min
Lab File: BG022509.D
Acq: 23 Jun 2016 7:49

Tgt Ion:112 Resp: 202020
Ion Ratio Lower Upper
112 100
64 47.2 51.1 76.7#
63 22.3 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: 177.13 ng

RT: 7.15 min Scan# 734

Delta R.T. -0.03 min

Lab File: BG022509.D

Acq: 23 Jun 2016 7:49

Instrument :

BNA_G

ClientSampleId :

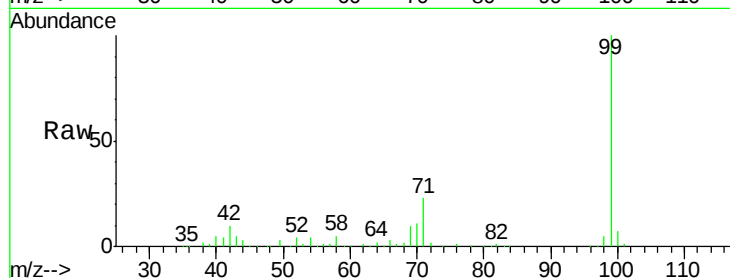
Tot Ion: 99 Resp: 295892

Ion Ratio Lower Upper

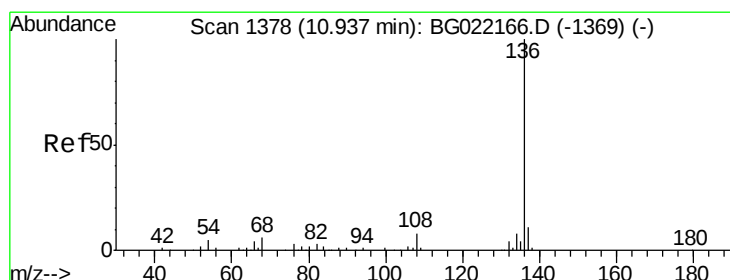
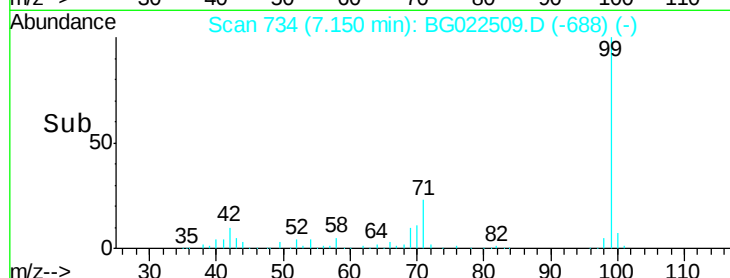
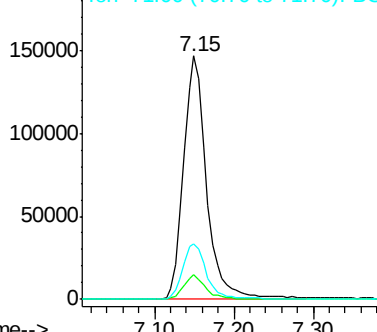
99 100

42 9.9 16.4 24.6#

71 22.9 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: 10.79 min Scan# 1353

Delta R.T. -0.02 min

Lab File: BG022509.D

Acq: 23 Jun 2016 7:49

Tgt Ion: 136 Resp: 124158

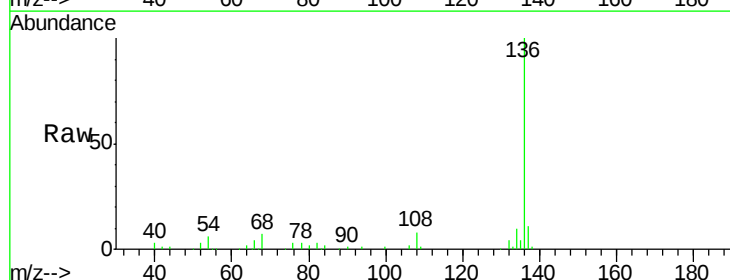
Ion Ratio Lower Upper

136 100

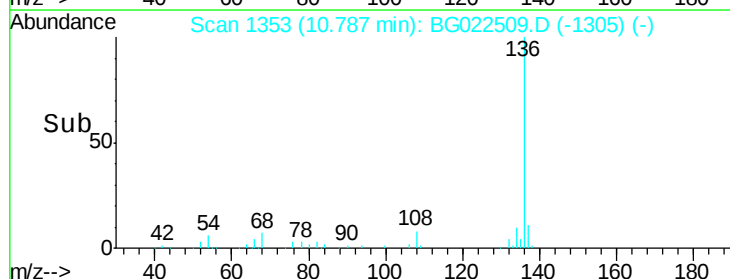
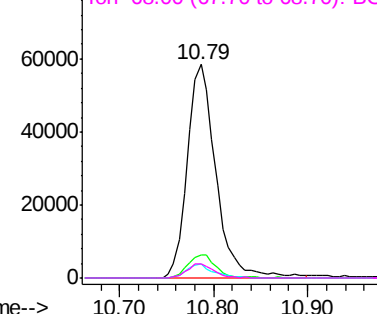
137 10.9 9.0 13.4

54 6.7 9.6 14.4#

68 6.7 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

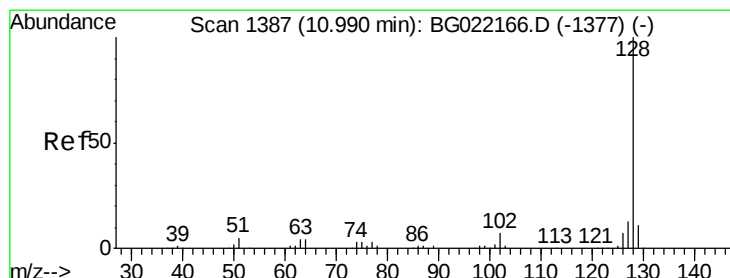
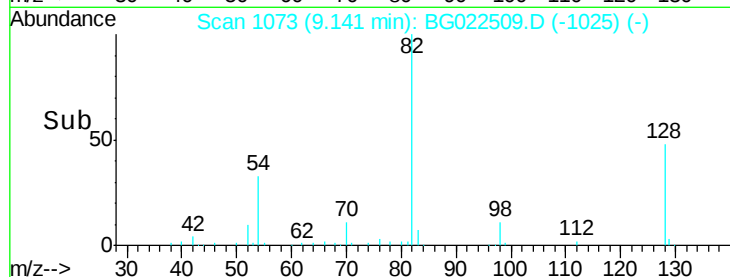
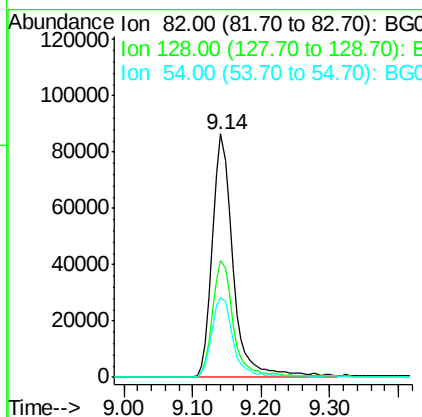
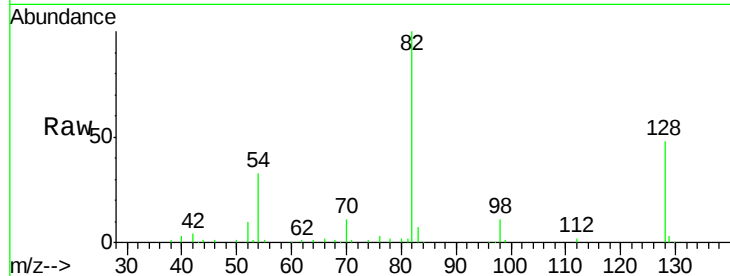




#23
 Nitrobenzene-d5
 Concen: 102.72 ng
 RT: 9.14 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BG022509.D
 Acq: 23 Jun 2016 7:49

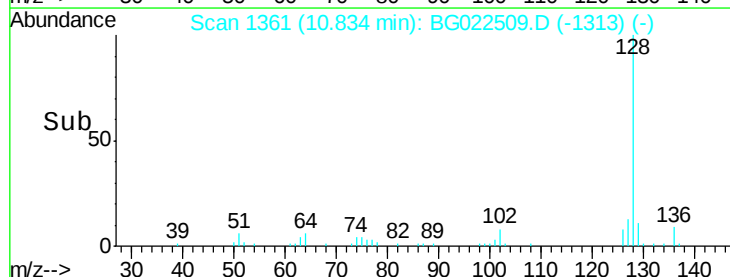
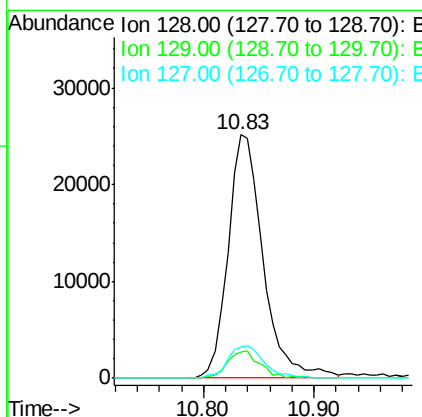
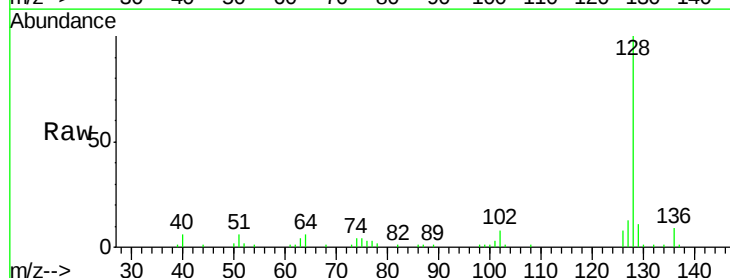
Instrument :
 BNA_G
 ClientSampleId :

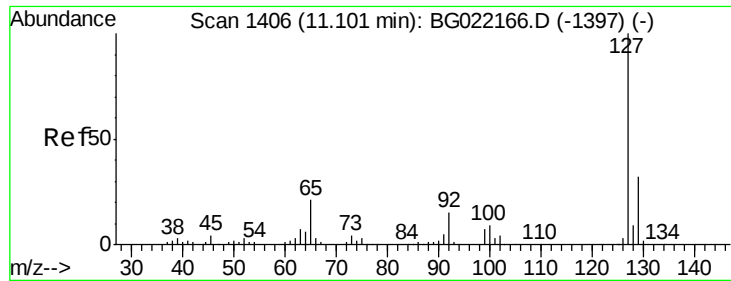
Tot Ion: 82 Resp: 182933
 Ion Ratio Lower Upper
 82 100
 128 47.8 33.4 50.0
 54 32.5 46.1 69.1#



#31
 Naphthalene
 Concen: 8.99 ng
 RT: 10.83 min Scan# 1361
 Delta R.T. -0.02 min
 Lab File: BG022509.D
 Acq: 23 Jun 2016 7:49

Tgt Ion:128 Resp: 55741
 Ion Ratio Lower Upper
 128 100
 129 10.6 7.0 10.6#
 127 12.7 10.1 15.1

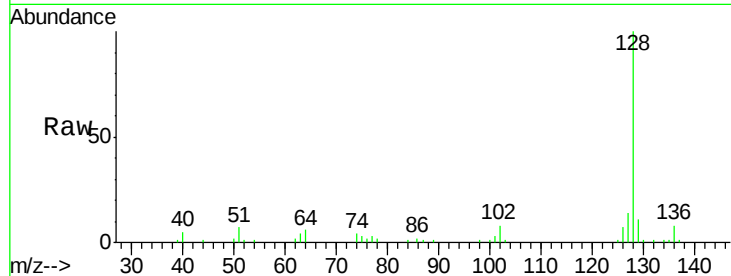




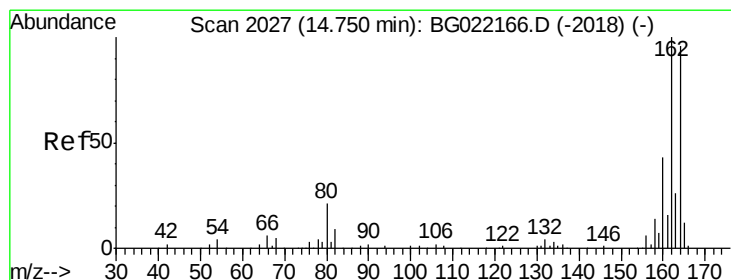
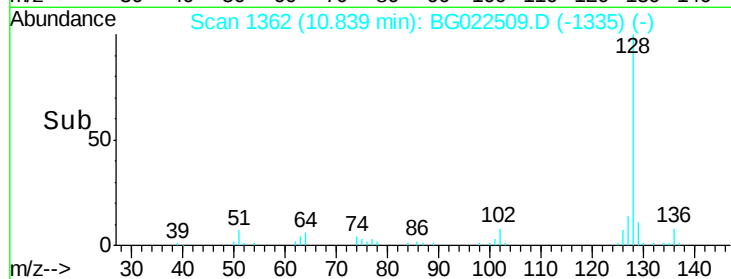
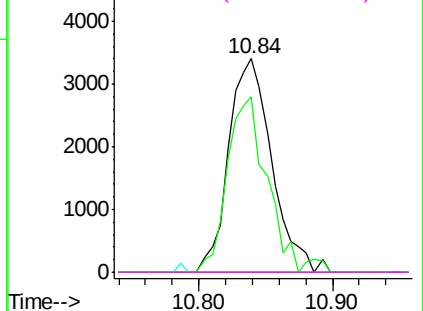
#33
4-Chloroaniline
Concen: 2.96 ng
RT: 10.84 min Scan# 1362
Delta R.T. -0.14 min
Lab File: BG022509.D
Acq: 23 Jun 2016 7:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:127 Resp: 7630
Ion Ratio Lower Upper
127 100
129 82.0 26.6 39.8#
65 0.0 27.5 41.3#
92 0.0 14.7 22.1#

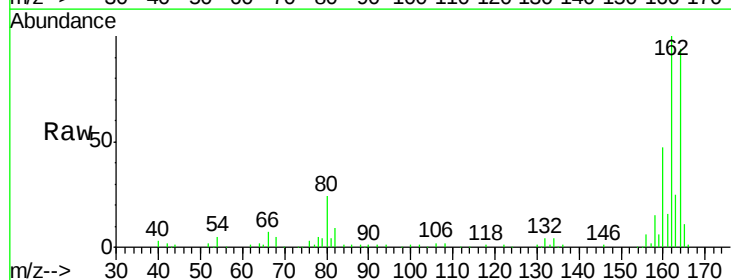


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

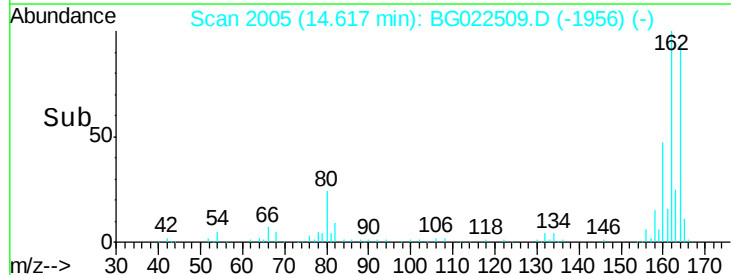
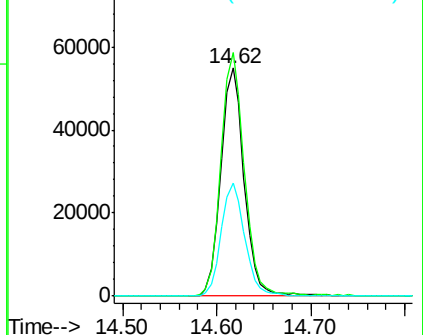


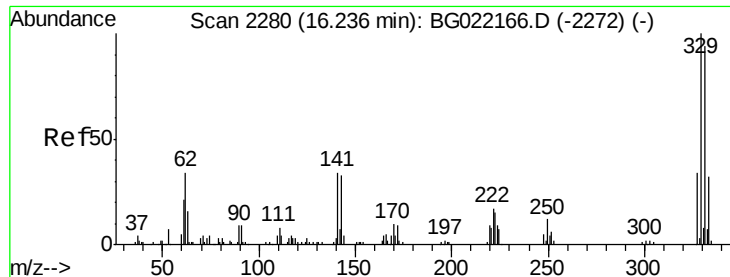
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG022509.D
Acq: 23 Jun 2016 7:49

Tgt Ion:164 Resp: 94801
Ion Ratio Lower Upper
164 100
162 106.8 78.0 117.0
160 49.8 32.9 49.3#



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

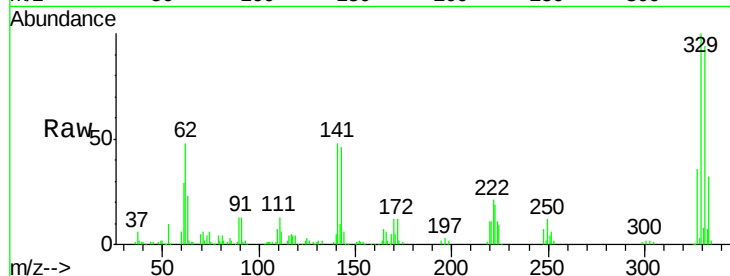




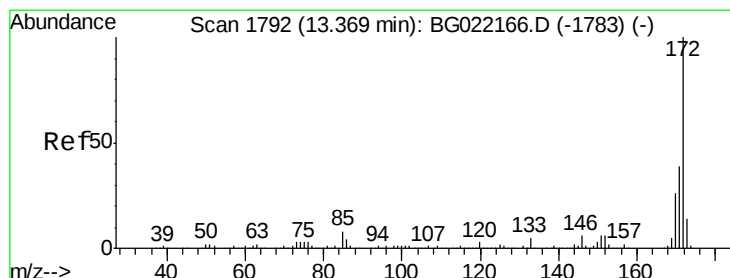
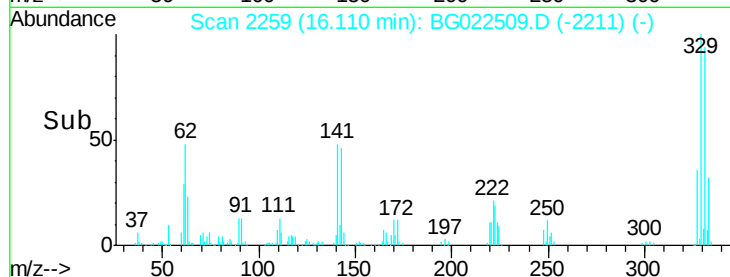
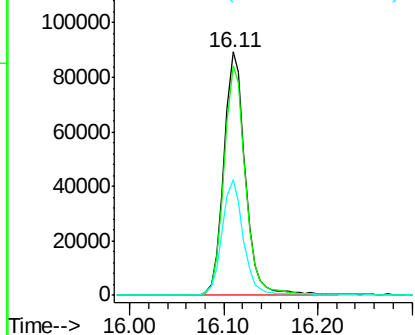
#41
 2,4,6-Tribromophenol
 Concen: 133.51 ng
 RT: 16.11 min Scan# 2259
 Delta R.T. -0.02 min
 Lab File: BG022509.D
 Acq: 23 Jun 2016 7:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	78.0	117.0
141	47.5	33.8	50.8

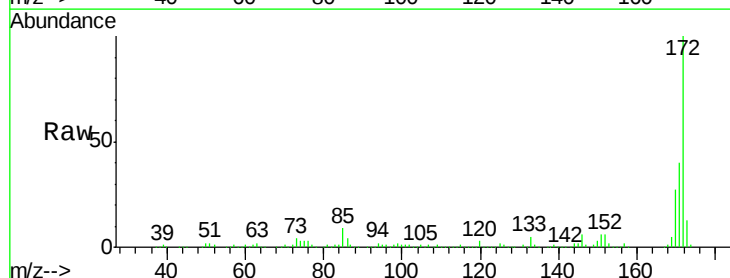


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

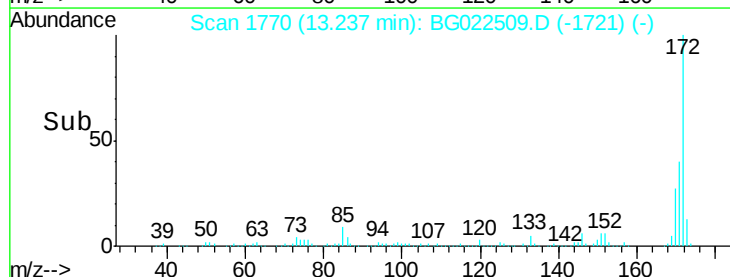
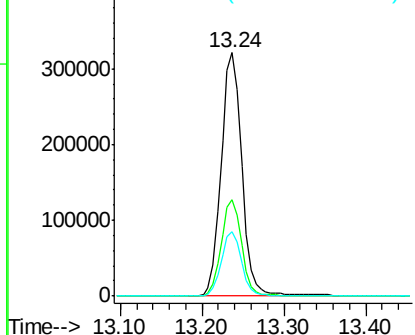


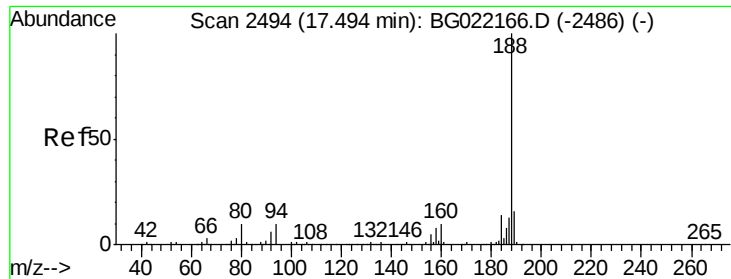
#44
 2-Fluorobiphenyl
 Concen: 91.28 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG022509.D
 Acq: 23 Jun 2016 7:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.8	27.8	41.6
170	26.6	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

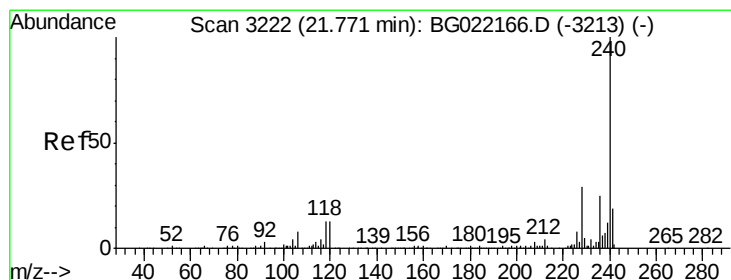
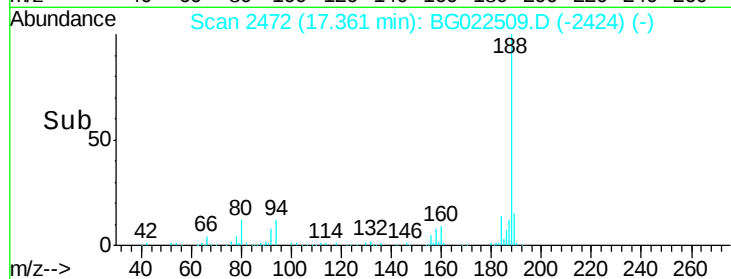
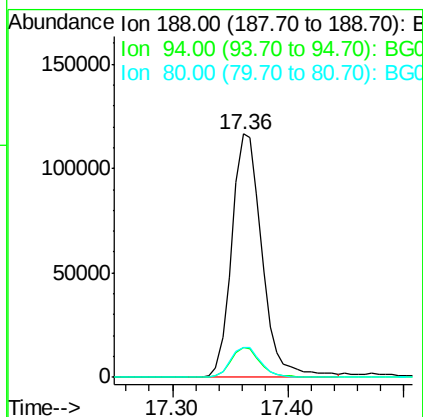
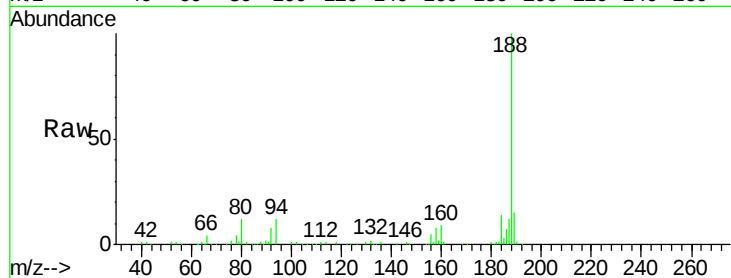




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.36 min Scan# 2472
Delta R.T. -0.02 min
Lab File: BG022509.D
Acq: 23 Jun 2016 7:49

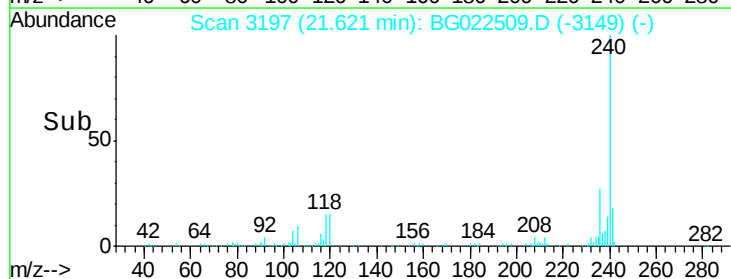
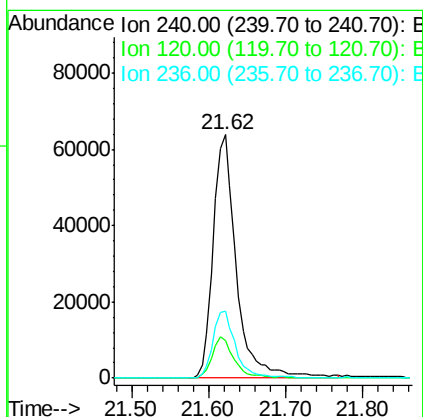
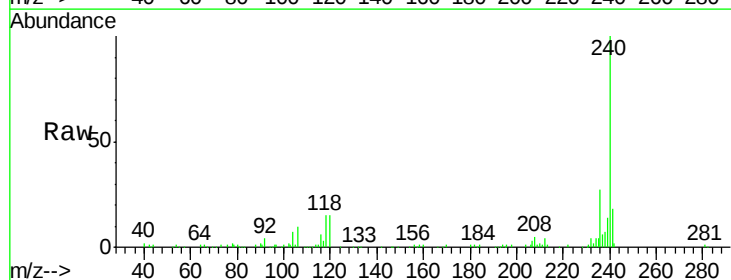
Instrument :
BNA_G
ClientSampleId :

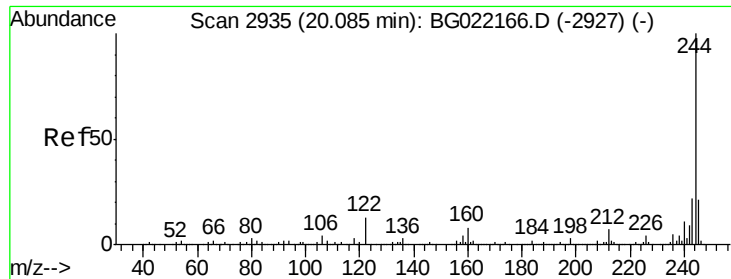
Tot Ion:188 Resp: 211361
Ion Ratio Lower Upper
188 100
94 12.2 7.5 11.3#
80 12.5 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3197
Delta R.T. -0.02 min
Lab File: BG022509.D
Acq: 23 Jun 2016 7:49

Tgt Ion:240 Resp: 132858
Ion Ratio Lower Upper
240 100
120 15.4 8.4 12.6#
236 27.4 19.6 29.4





#78

Terphenyl-d14

Concen: 134.64 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.01 min

Lab File: BG022509.D

Acq: 23 Jun 2016 7:49

Instrument :

BNA_G

ClientSampleId :

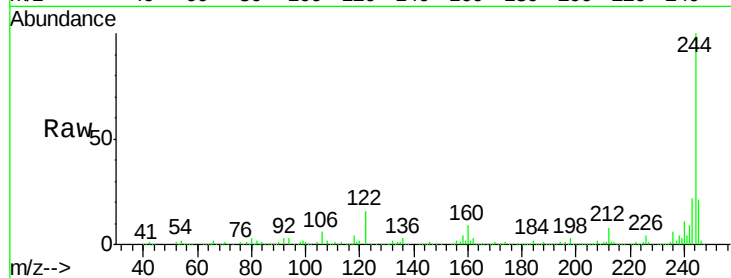
Tot Ion:244 Resp: 753458

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

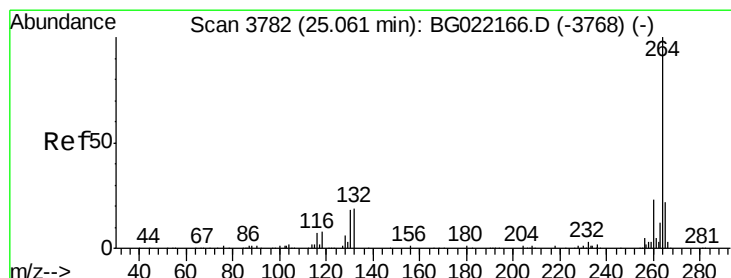
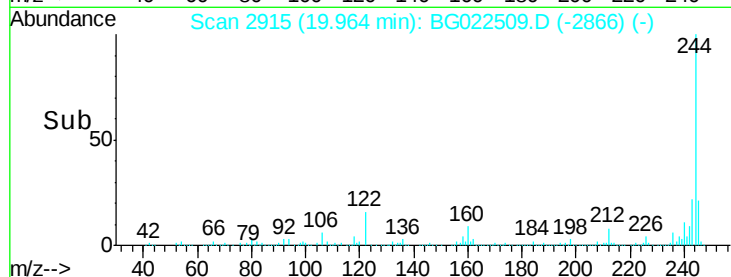
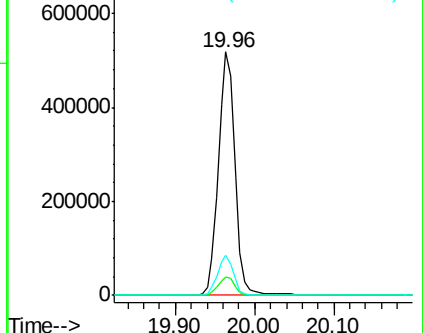
122 16.2 8.6 12.8#



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: 24.81 min Scan# 3739

Delta R.T. -0.03 min

Lab File: BG022509.D

Acq: 23 Jun 2016 7:49

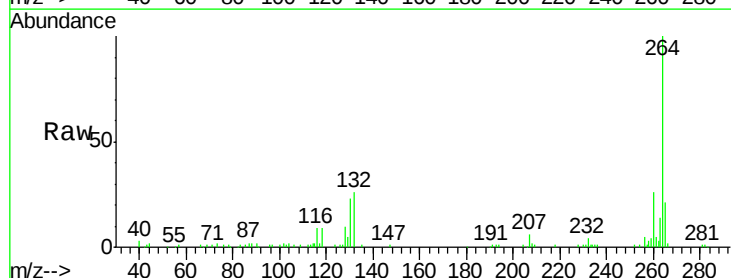
Tgt Ion:264 Resp: 118120

Ion Ratio Lower Upper

264 100

260 25.5 20.2 30.4

265 21.0 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

