

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
 Data File : BG022391.D
 Acq On : 17 Jun 2016 7:40
 Operator : UM/SJ
 Sample : H3569-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 17 13:35:46 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

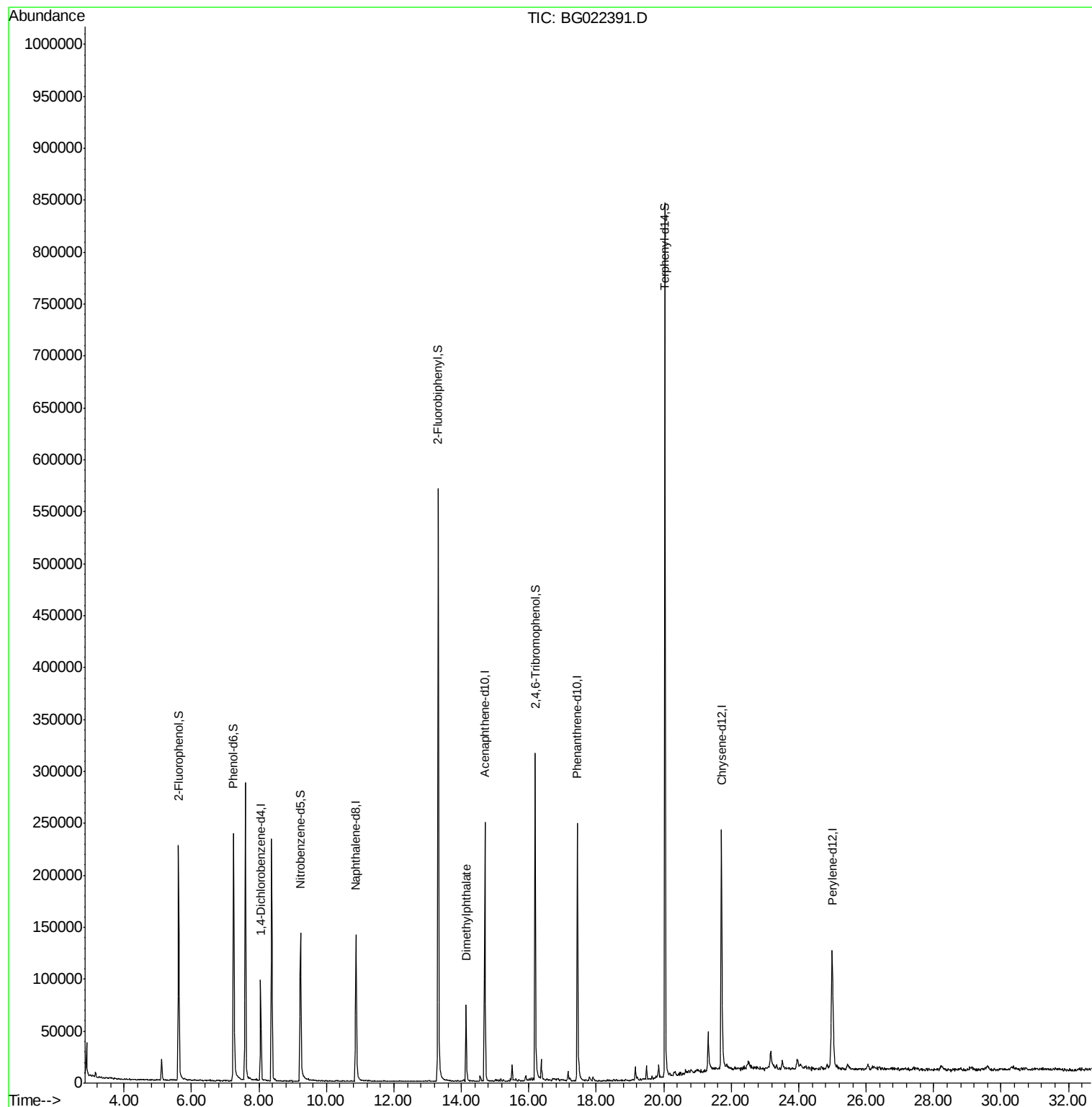
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	34708	20.00	ng	-0.04
21) Naphthalene-d8	10.88	136	174193	20.00	ng	-0.03
38) Acenaphthene-d10	14.69	164	100082	20.00	ng	-0.03
63) Phenanthrene-d10	17.44	188	196108	20.00	ng	-0.03
75) Chrysene-d12	21.71	240	159921	20.00	ng	-0.03
86) Perylene-d12	24.99	264	151861	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	153979	85.78	ng	-0.02
7) Phenol-d6	7.24	99	233595	82.76	ng	0.00
23) Nitrobenzene-d5	9.23	82	129795	51.95	ng	-0.03
41) 2,4,6-Tribromophenol	16.19	330	73531	65.02	ng	-0.03
44) 2-Fluorobiphenyl	13.31	172	369178	56.21	ng	-0.03
78) Terphenyl-d14	20.04	244	407559	60.50	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.14	163	72002	8.68	ng	Qvalue 99

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

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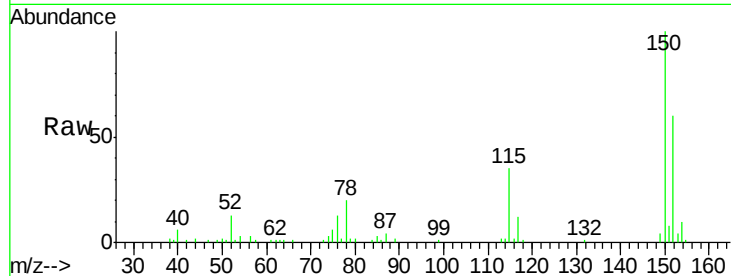


#1

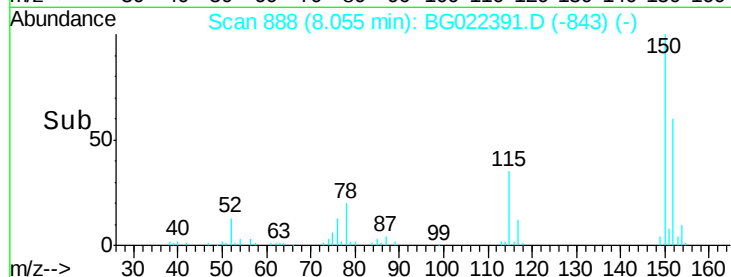
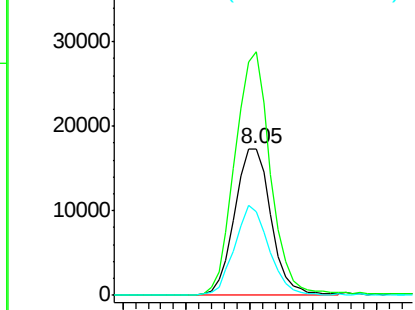
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 888
Delta R.T. -0.04 min
Lab File: BG022391.D
Acq: 17 Jun 2016 7:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34708
Ion Ratio Lower Upper
152 100
150 165.7 130.1 195.1
115 57.2 62.2 93.2#



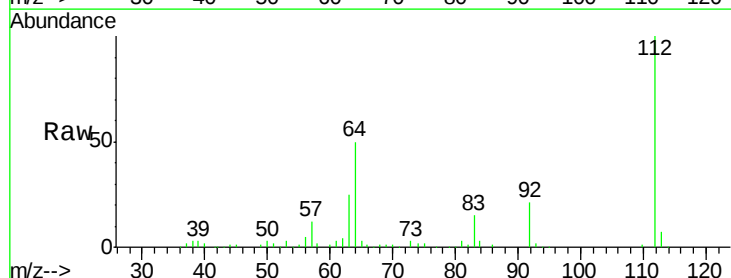
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



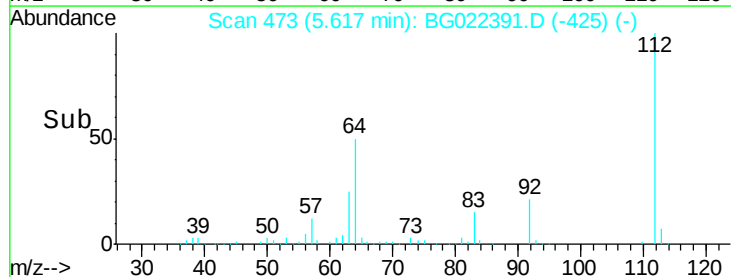
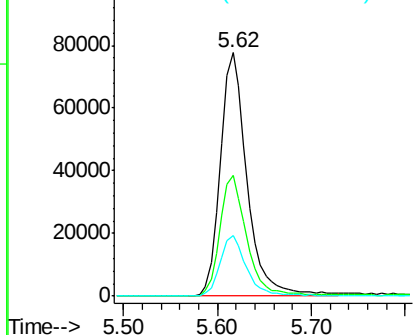
#5

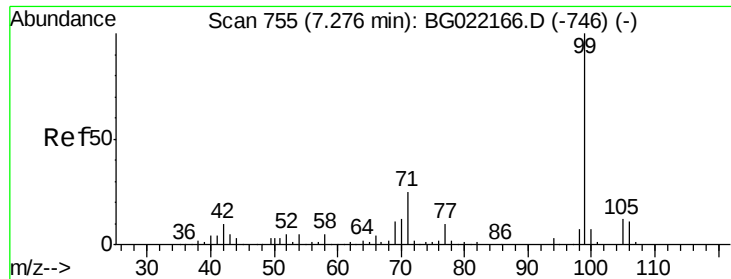
2-Fluorophenol
Concen: 85.78 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.02 min
Lab File: BG022391.D
Acq: 17 Jun 2016 7:40

Tgt Ion:112 Resp: 153979
Ion Ratio Lower Upper
112 100
64 49.8 51.1 76.7#
63 24.9 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: 82.76 ng

RT: 7.24 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG022391.D

Acq: 17 Jun 2016 7:40

Instrument :

BNA_G

ClientSampleId :

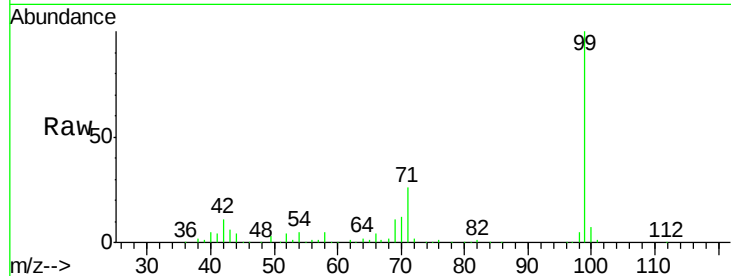
Tot Ion: 99 Resp: 233595

Ion Ratio Lower Upper

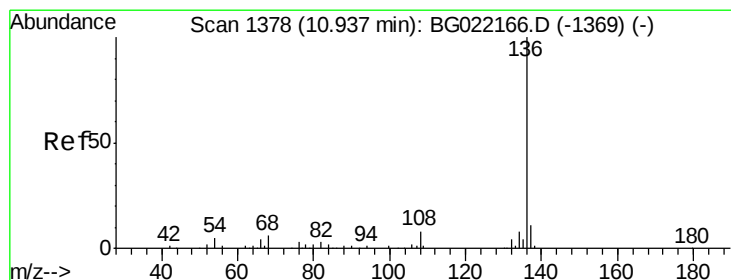
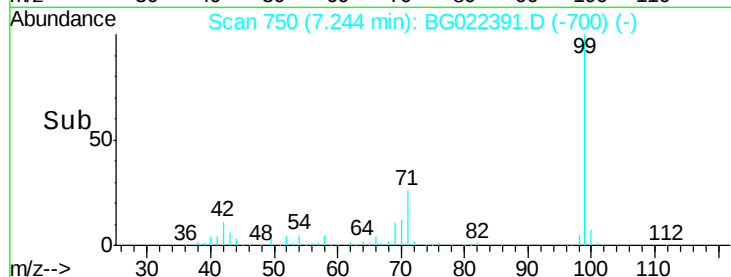
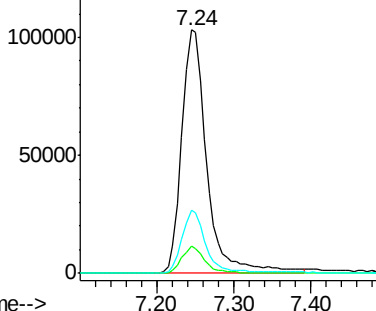
99 100

42 11.2 16.4 24.6#

71 25.7 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: 10.88 min Scan# 1368

Delta R.T. -0.03 min

Lab File: BG022391.D

Acq: 17 Jun 2016 7:40

Tgt Ion: 136 Resp: 174193

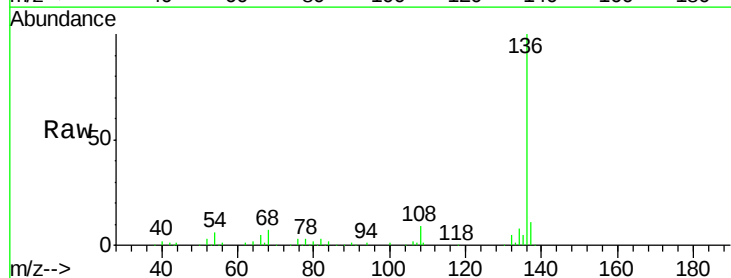
Ion Ratio Lower Upper

136 100

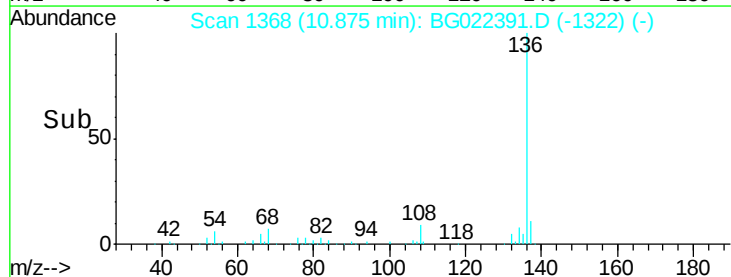
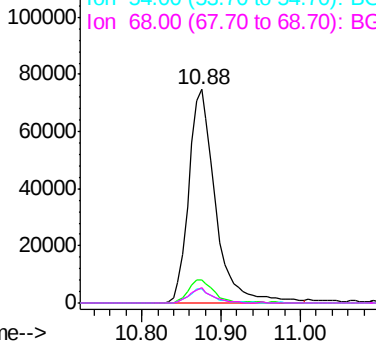
137 11.0 9.0 13.4

54 6.5 9.6 14.4#

68 6.9 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

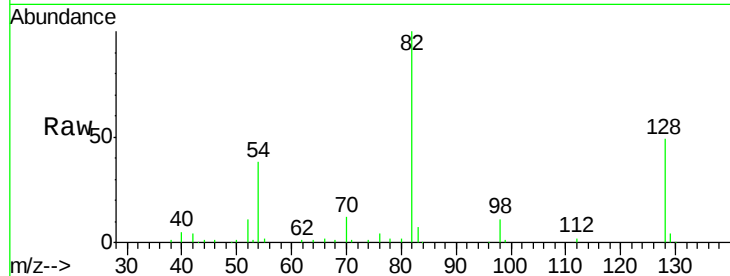




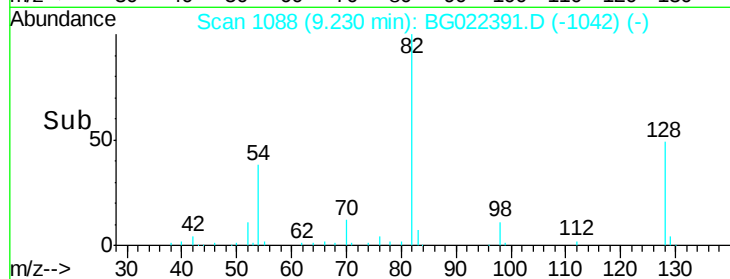
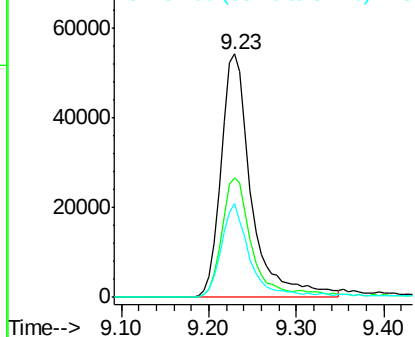
#23
Nitrobenzene-d5
Concen: 51.95 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.03 min
Lab File: BG022391.D
Acq: 17 Jun 2016 7:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	129795
Ion Ratio	100	Lower	Upper
128	49.2	33.4	50.0
54	38.5	46.1	69.1#

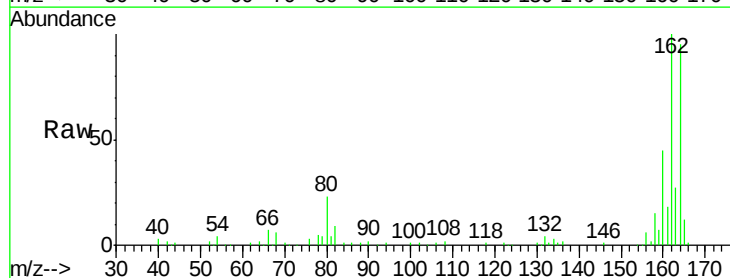


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

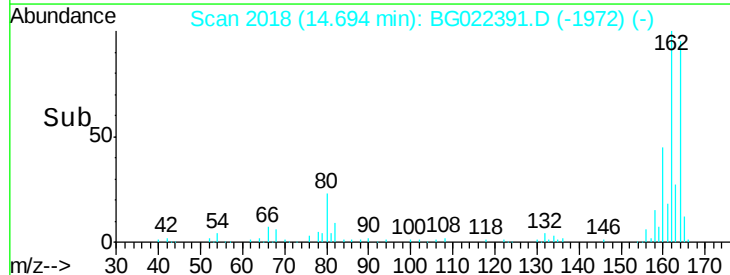
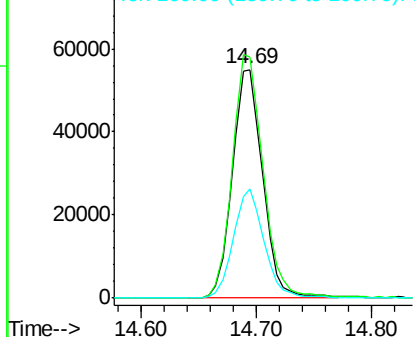


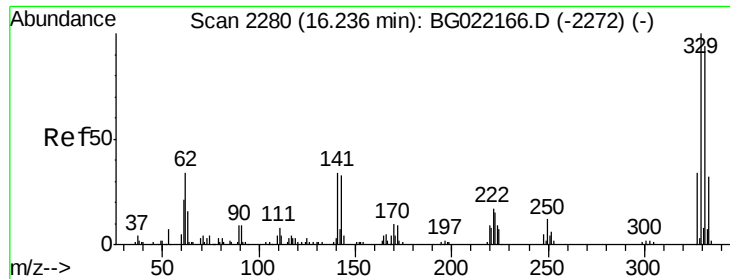
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 2018
Delta R.T. -0.03 min
Lab File: BG022391.D
Acq: 17 Jun 2016 7:40

Tgt Ion	164	Resp	100082
Ion Ratio	100	Lower	Upper
162	105.2	78.0	117.0
160	47.6	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

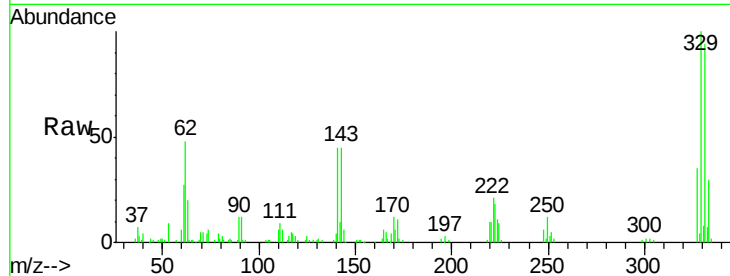




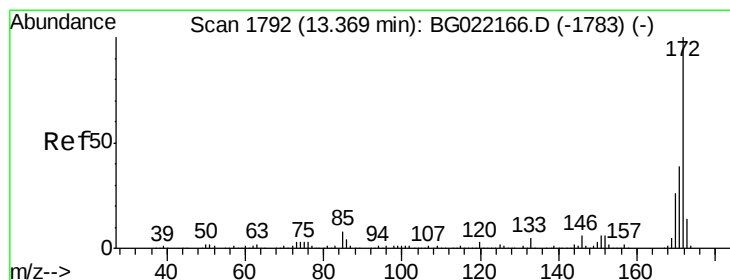
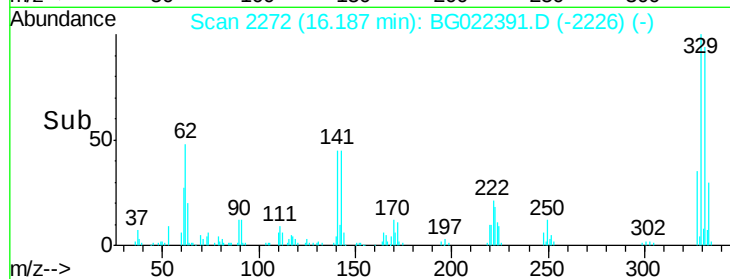
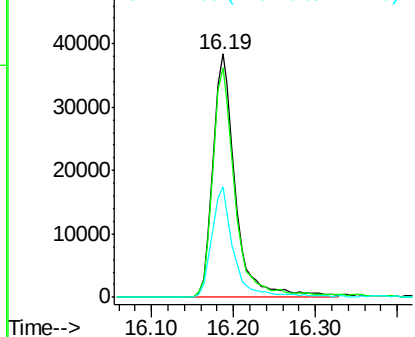
#41
 2,4,6-Tribromophenol
 Concen: 65.02 ng
 RT: 16.19 min Scan# 2272
 Delta R.T. -0.03 min
 Lab File: BG022391.D
 Acq: 17 Jun 2016 7:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 73531
 Ion Ratio Lower Upper
 330 100
 332 94.8 78.0 117.0
 141 43.4 33.8 50.8

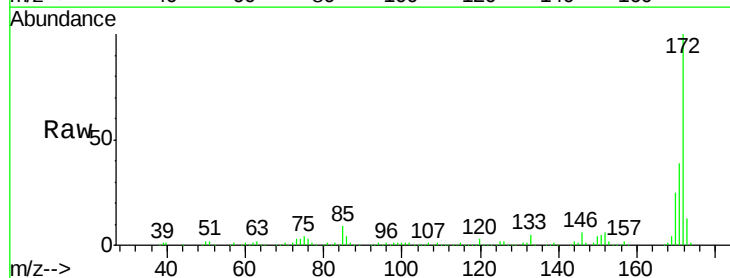


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

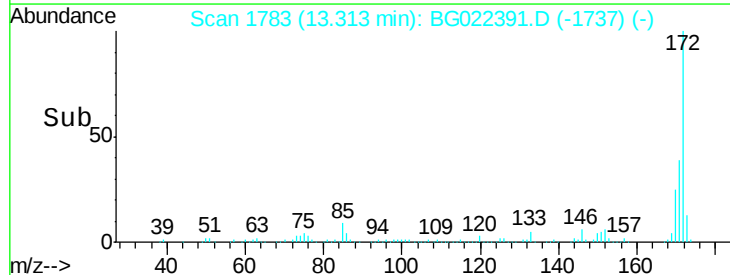
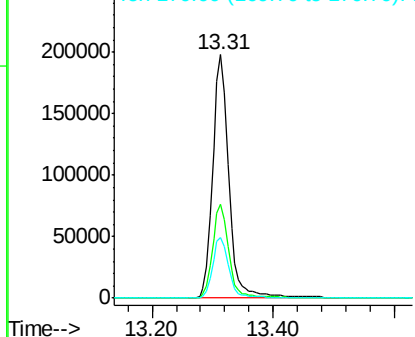


#44
 2-Fluorobiphenyl
 Concen: 56.21 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.03 min
 Lab File: BG022391.D
 Acq: 17 Jun 2016 7:40

Tgt Ion:172 Resp: 369178
 Ion Ratio Lower Upper
 172 100
 171 38.8 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

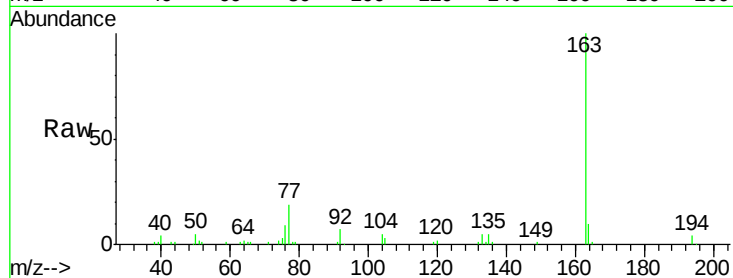




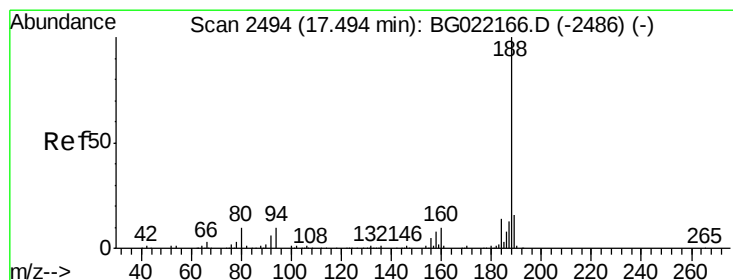
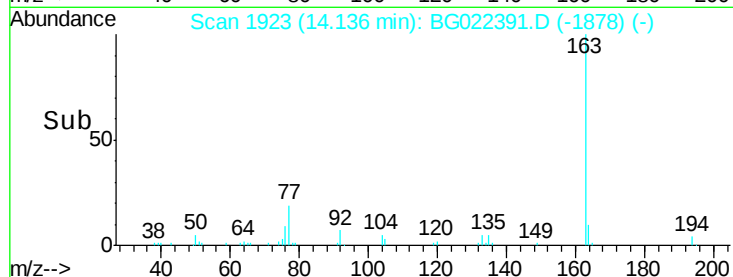
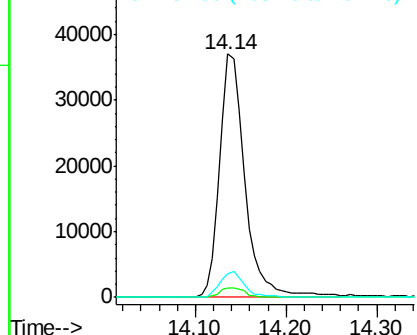
#49
Dimethylphthalate
Concen: 8.68 ng
RT: 14.14 min Scan# 1923
Delta R.T. -0.04 min
Lab File: BG022391.D
Acq: 17 Jun 2016 7:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 72002
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.6 8.1 12.1

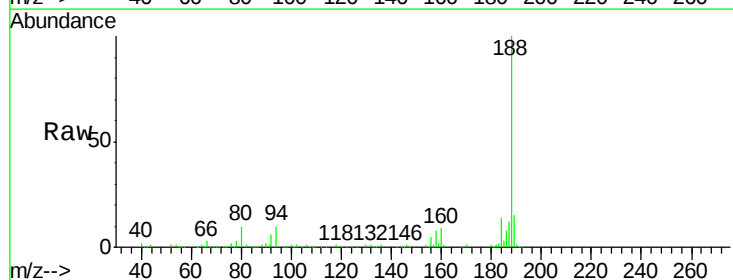


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

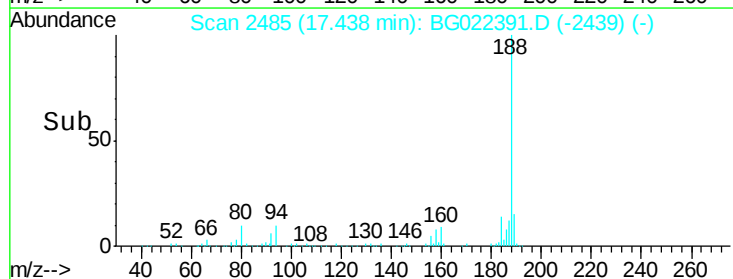
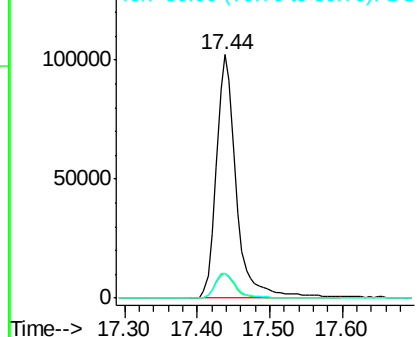


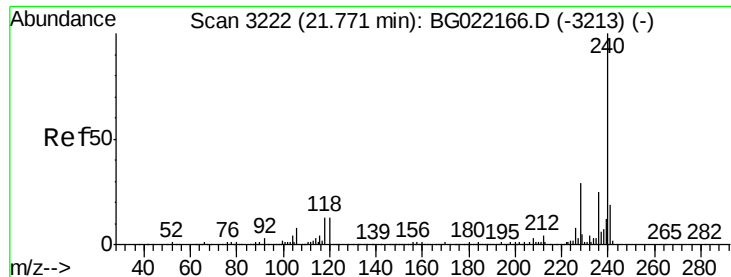
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 2485
Delta R.T. -0.03 min
Lab File: BG022391.D
Acq: 17 Jun 2016 7:40

Tgt Ion:188 Resp: 196108
Ion Ratio Lower Upper
188 100
94 10.3 7.5 11.3
80 10.4 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG0
Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.71 min Scan# 3212

Delta R.T. -0.03 min

Lab File: BG022391.D

Acq: 17 Jun 2016 7:40

Instrument :

BNA_G

ClientSampleId :

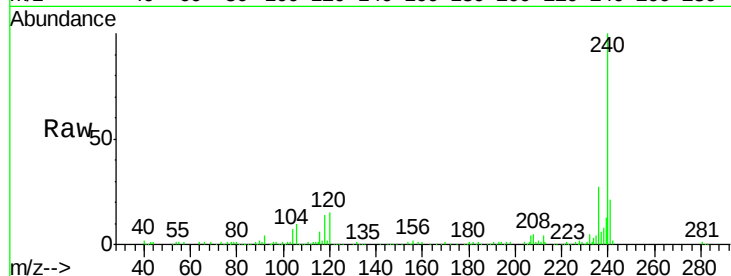
Tot Ion:240 Resp: 159921

Ion Ratio Lower Upper

240 100

120 14.9 8.4 12.6#

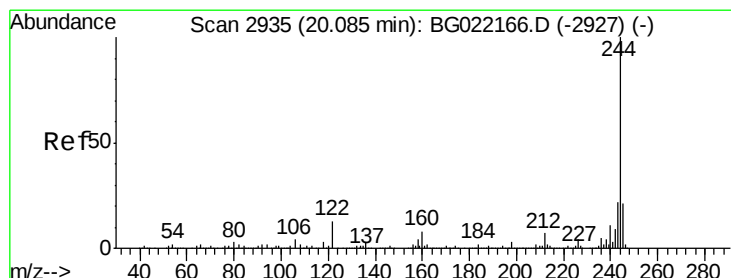
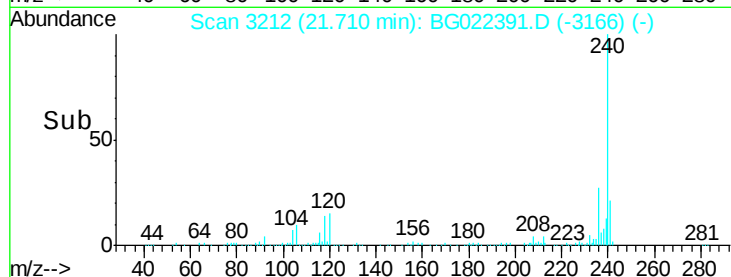
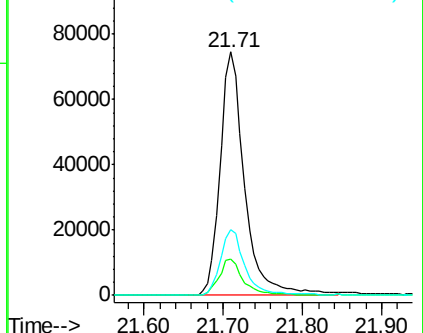
236 27.0 19.6 29.4



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



#78

Terphenyl-d14

Concen: 60.50 ng

RT: 20.04 min Scan# 2927

Delta R.T. -0.02 min

Lab File: BG022391.D

Acq: 17 Jun 2016 7:40

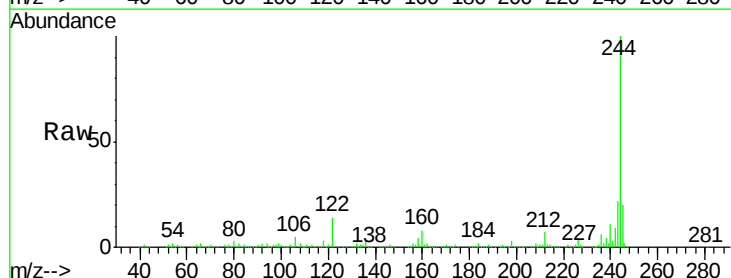
Tgt Ion:244 Resp: 407559

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

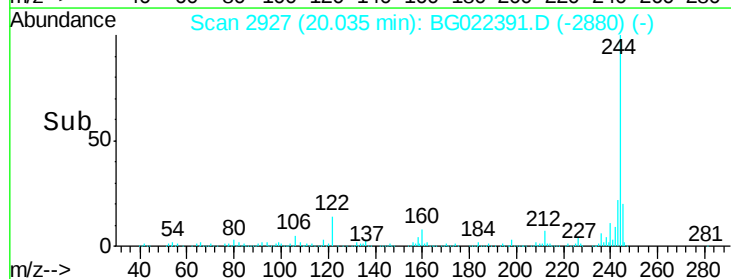
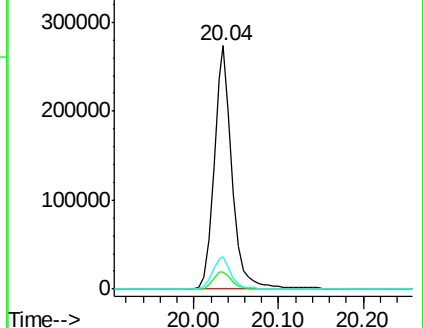
122 13.5 8.6 12.8#

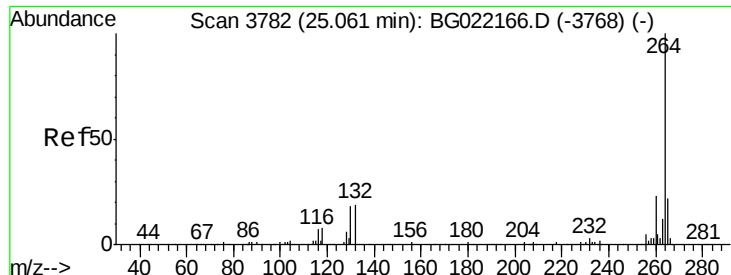


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

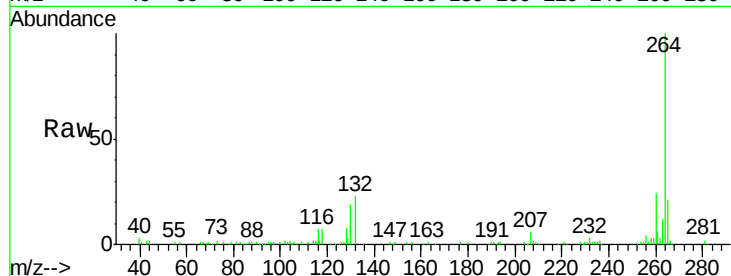




#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.99 min Scan# 3771
Delta R.T. -0.02 min
Lab File: BG022391.D
Acq: 17 Jun 2016 7:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.2	30.4
265	20.8	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

