

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
 Data File : BG022394.D
 Acq On : 17 Jun 2016 9:41
 Operator : UM/SJ
 Sample : H3574-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-05

Quant Time: Jun 17 13:54:39 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	33781	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	163551	20.00	ng	-0.03
38) Acenaphthene-d10	14.70	164	87907	20.00	ng	-0.03
63) Phenanthrene-d10	17.44	188	162807	20.00	ng	-0.03
75) Chrysene-d12	21.73	240	136638	20.00	ng	-0.01
86) Perylene-d12	25.04	264	123857	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	123900	70.91	ng	-0.02
7) Phenol-d6	7.25	99	110284	40.15	ng	0.00
23) Nitrobenzene-d5	9.23	82	223043	95.08	ng	-0.03
41) 2,4,6-Tribromophenol	16.19	330	111185	111.93	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	527558	91.46	ng	-0.03
78) Terphenyl-d14	20.04	244	467332	81.20	ng	-0.02

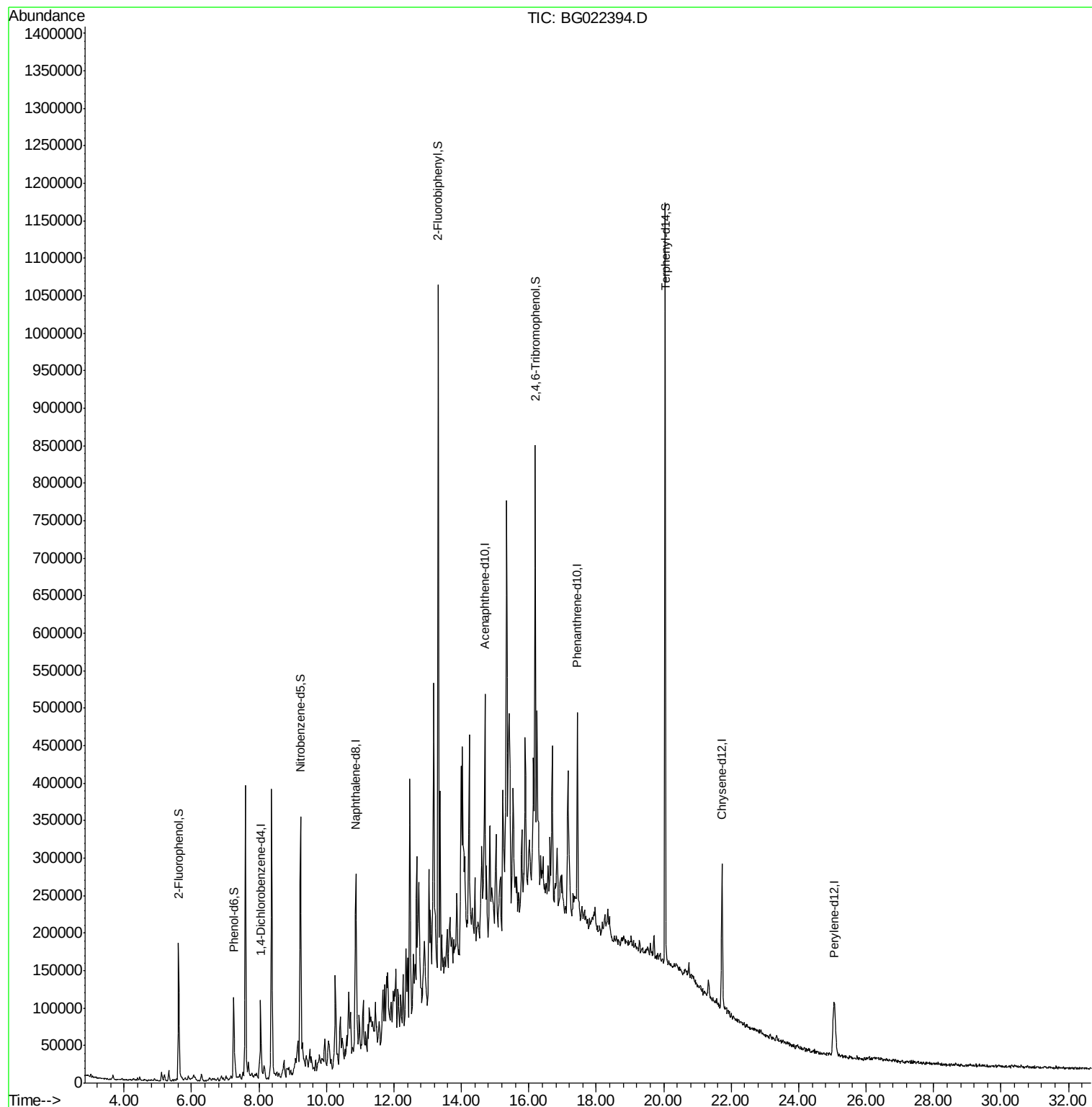
Target Compounds Qvalue

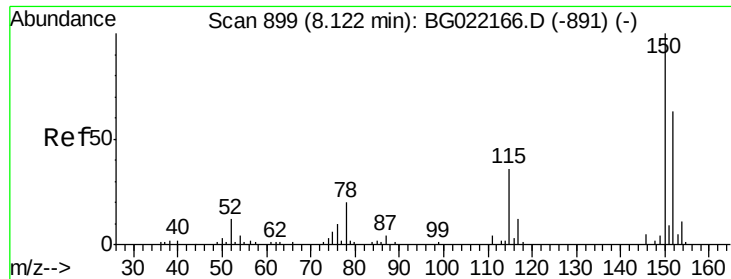
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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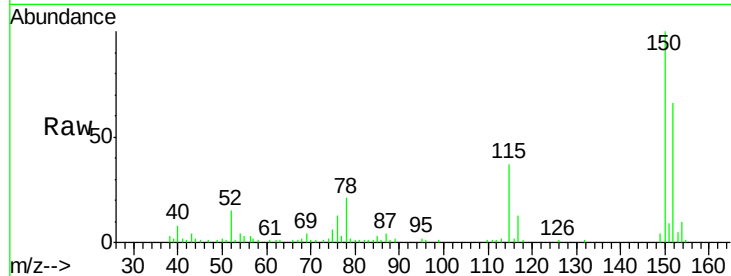


#1

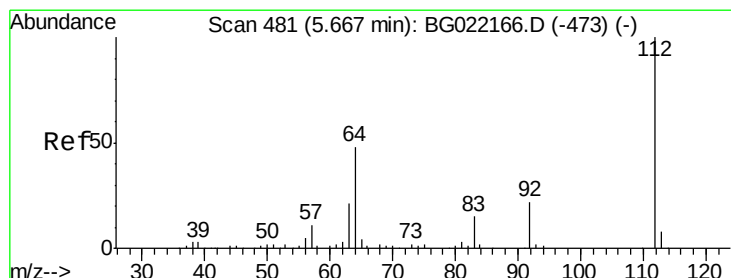
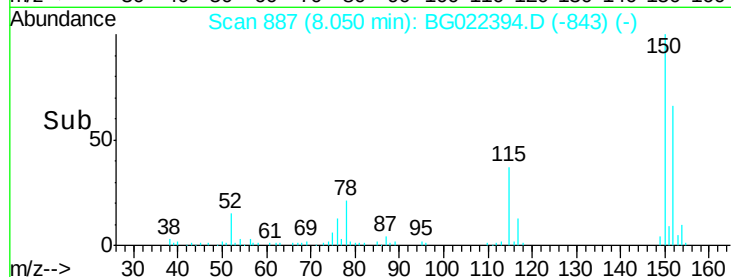
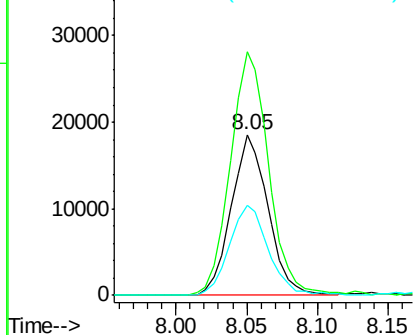
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.04 min
Lab File: BG022394.D
Acq: 17 Jun 2016 9:41

Instrument :
BNA_G
ClientSampleId :
MW-05

Tot Ion:152 Resp: 33781
Ion Ratio Lower Upper
152 100
150 151.5 130.1 195.1
115 55.8 62.2 93.2#



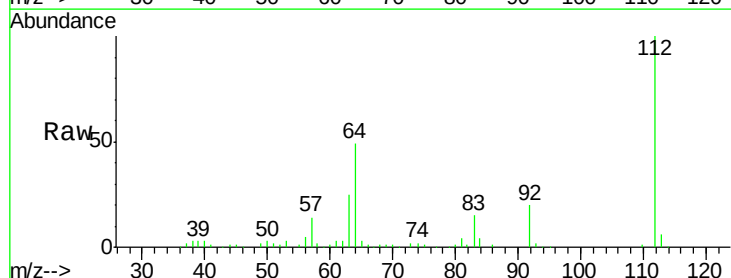
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



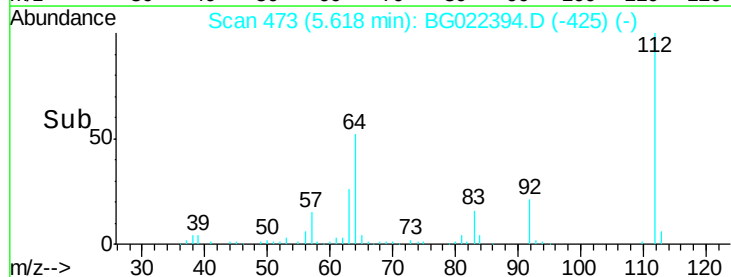
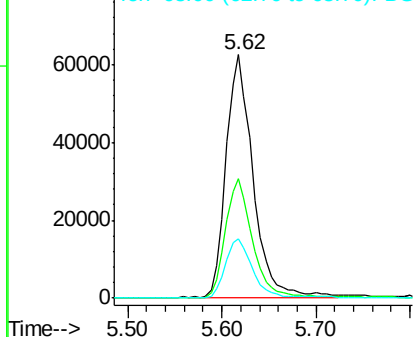
#5

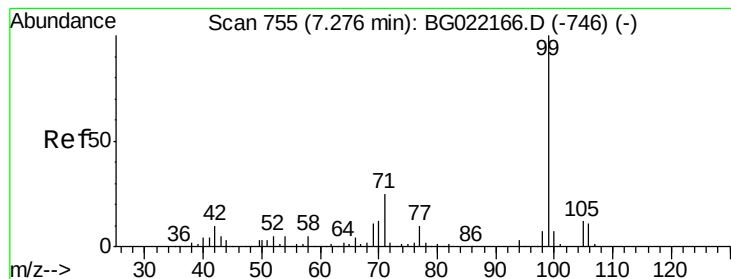
2-Fluorophenol
Concen: 70.91 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.02 min
Lab File: BG022394.D
Acq: 17 Jun 2016 9:41

Tgt Ion:112 Resp: 123900
Ion Ratio Lower Upper
112 100
64 49.2 51.1 76.7#
63 24.6 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: 40.15 ng

RT: 7.25 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG022394.D

Acq: 17 Jun 2016 9:41

Instrument :

BNA_G

ClientSampleId :

MW-05

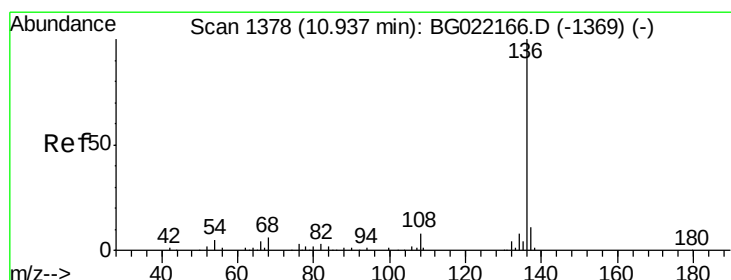
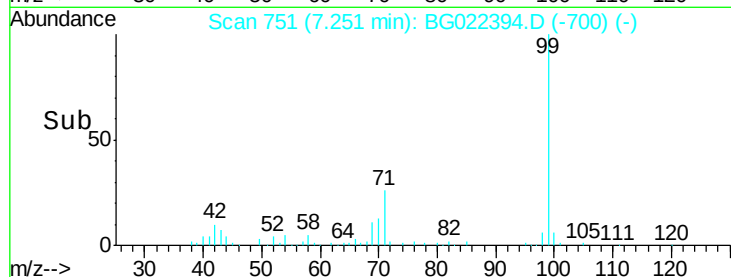
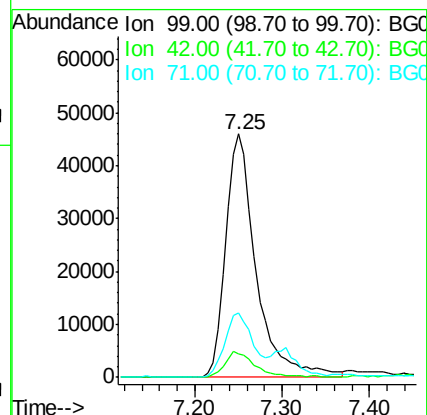
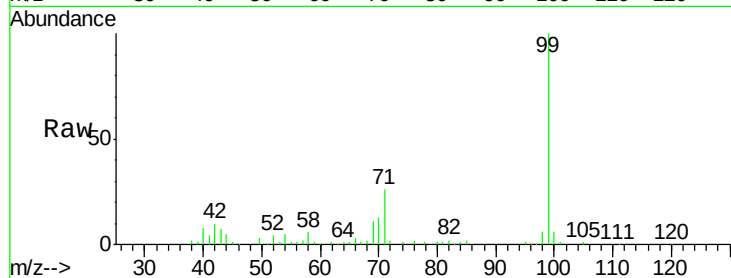
Tot Ion: 99 Resp: 110284

Ion Ratio Lower Upper

99 100

42 9.8 16.4 24.6#

71 26.4 25.0 37.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1367

Delta R.T. -0.03 min

Lab File: BG022394.D

Acq: 17 Jun 2016 9:41

Tgt Ion: 136 Resp: 163551

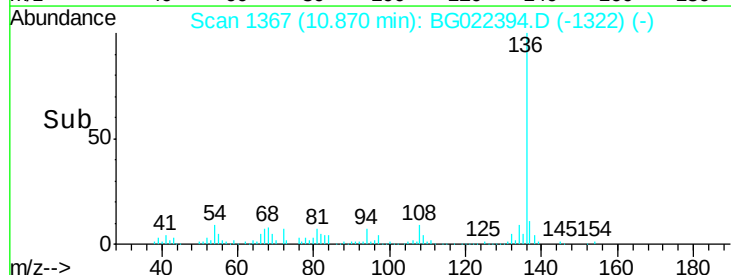
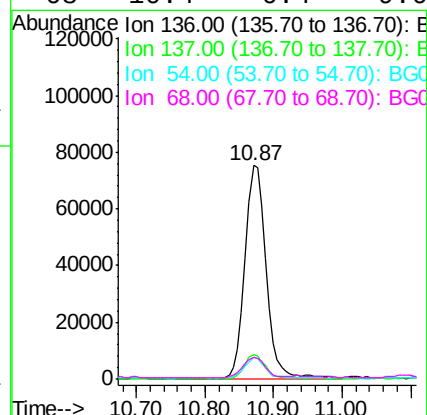
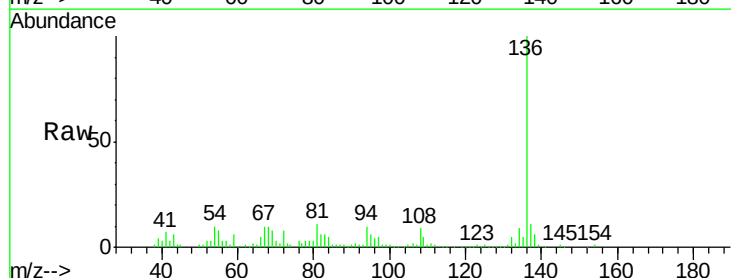
Ion Ratio Lower Upper

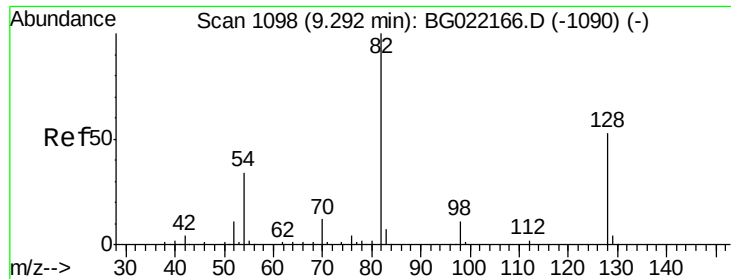
136 100

137 11.1 9.0 13.4

54 10.1 9.6 14.4

68 10.4 6.4 9.6#

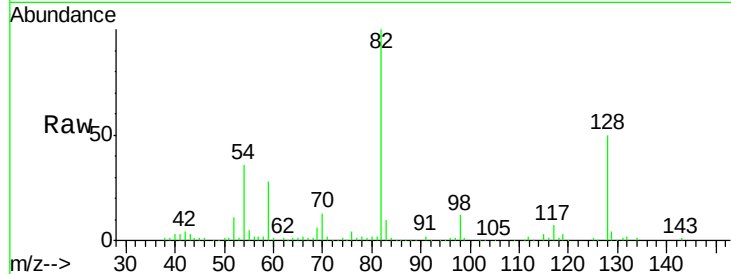




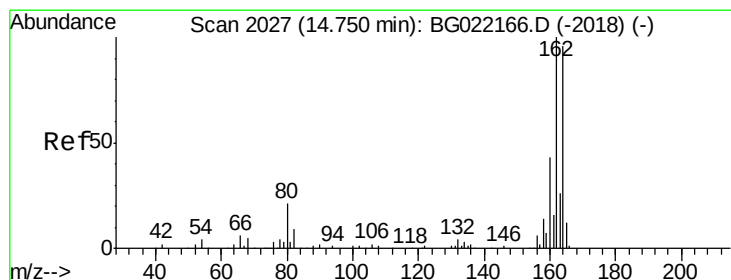
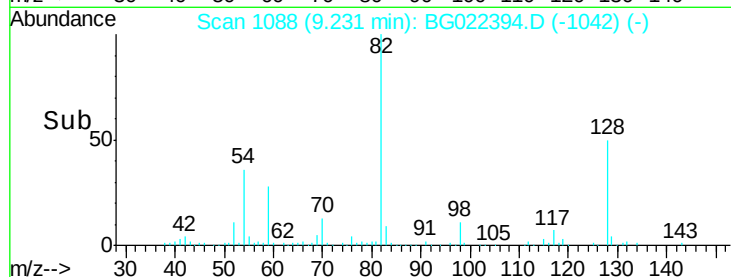
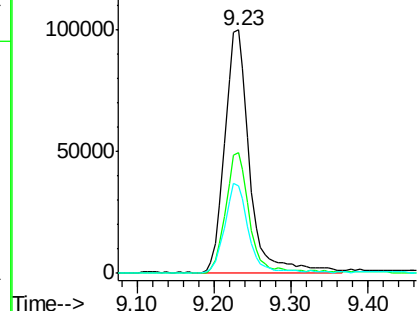
#23
 Nitrobenzene-d5
 Concen: 95.08 ng
 RT: 9.23 min Scan# 1088
 Delta R.T. -0.03 min
 Lab File: BG022394.D
 Acq: 17 Jun 2016 9:41

Instrument :
 BNA_G
 ClientSampleId :
 MW-05

Tot Ion	82	Resp	223043
Ion Ratio	Lower	Upper	
82	100		
128	49.6	33.4	50.0
54	36.1	46.1	69.1#

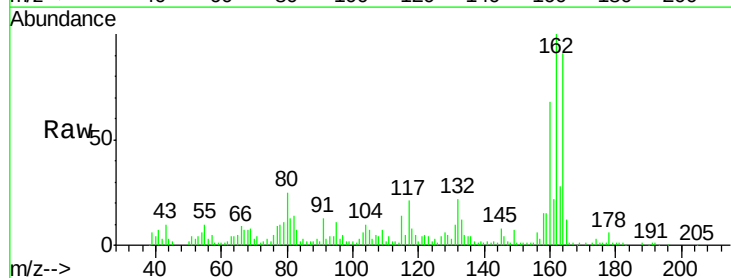


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

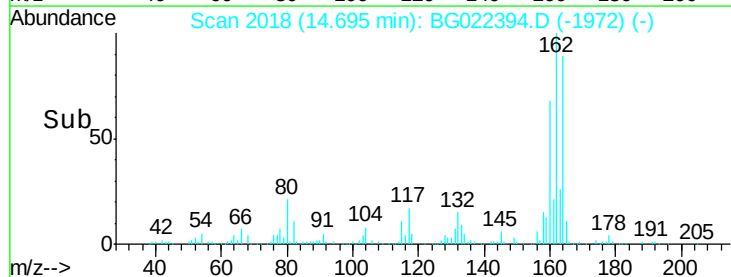
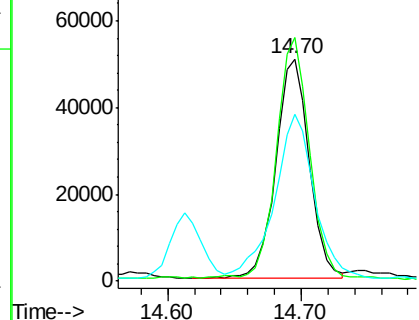


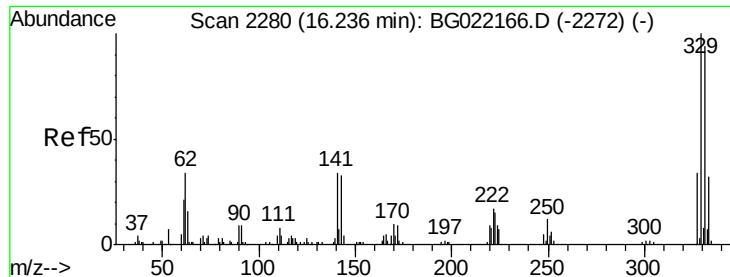
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.70 min Scan# 2018
 Delta R.T. -0.03 min
 Lab File: BG022394.D
 Acq: 17 Jun 2016 9:41

Tgt Ion	164	Resp	87907
Ion Ratio	Lower	Upper	
164	100		
162	109.6	78.0	117.0
160	75.1	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

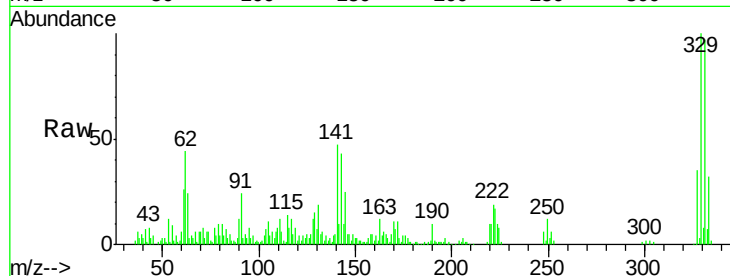




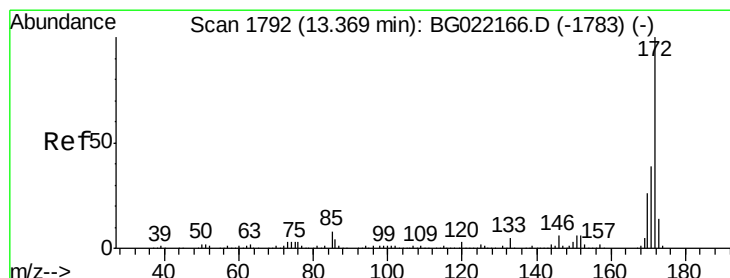
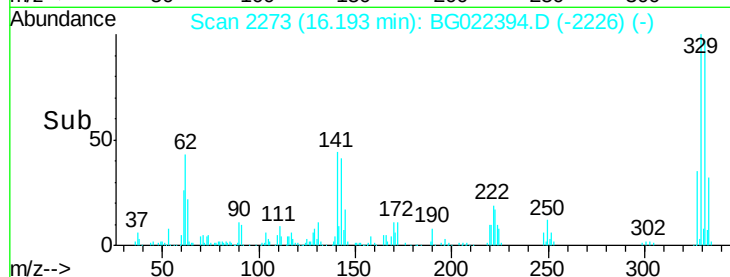
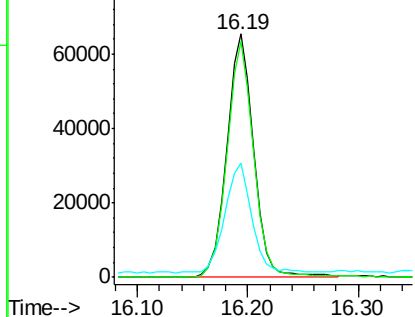
#41
 2,4,6-Tribromophenol
 Concen: 111.93 ng
 RT: 16.19 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BG022394.D
 Acq: 17 Jun 2016 9:41

Instrument :
 BNA_G
 ClientSampled :
 MW-05

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.0	117.0
141	44.6	33.8	50.8

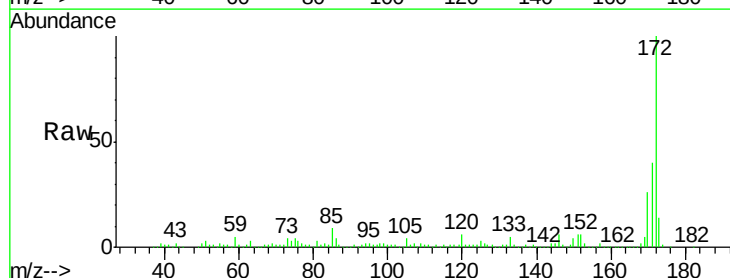


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

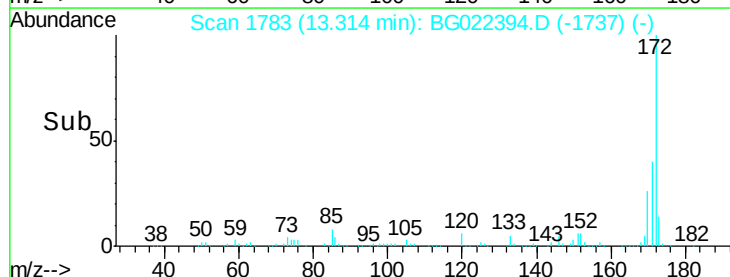
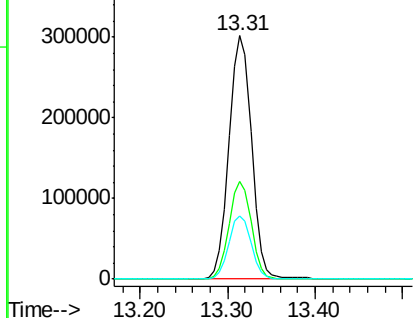


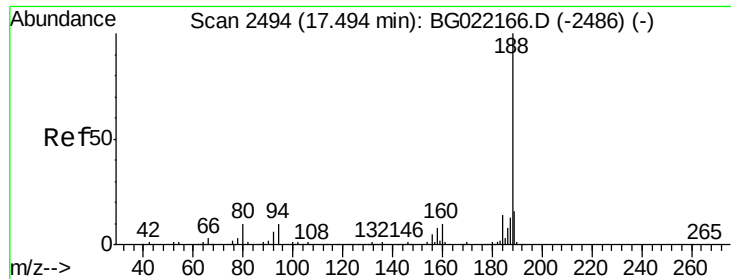
#44
 2-Fluorobiphenyl
 Concen: 91.46 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.03 min
 Lab File: BG022394.D
 Acq: 17 Jun 2016 9:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.3	27.8	41.6
170	26.1	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: 17.44 min Scan# 2485

Delta R.T. -0.03 min

Lab File: BG022394.D

Acq: 17 Jun 2016 9:41

Instrument :

BNA_G

ClientSampleId :

MW-05

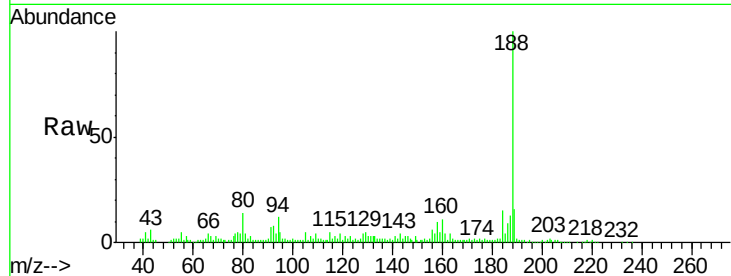
Tot Ion:188 Resp: 162807

Ion Ratio Lower Upper

188 100

94 12.0 7.5 11.3#

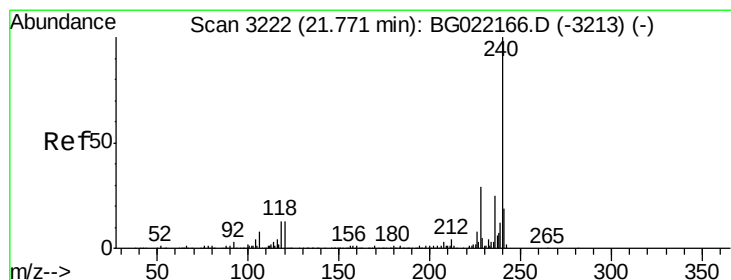
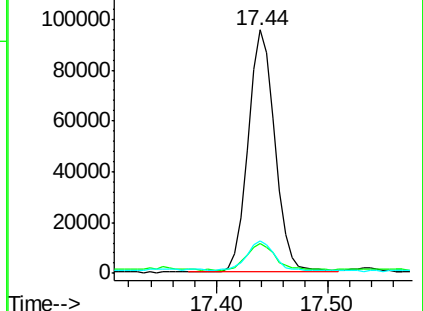
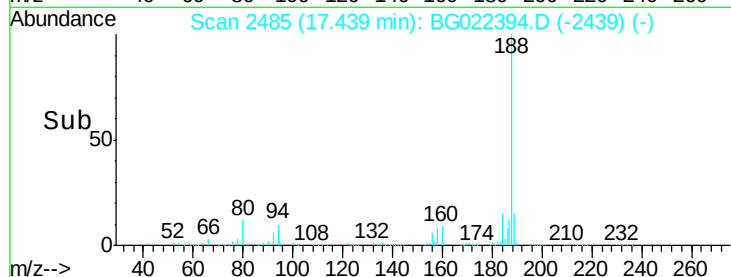
80 13.6 8.6 13.0#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.73 min Scan# 3215

Delta R.T. -0.01 min

Lab File: BG022394.D

Acq: 17 Jun 2016 9:41

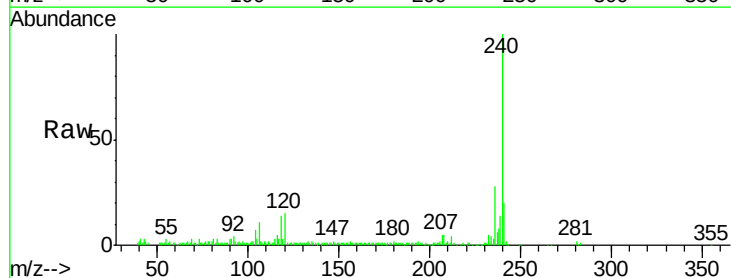
Tgt Ion:240 Resp: 136638

Ion Ratio Lower Upper

240 100

120 15.0 8.4 12.6#

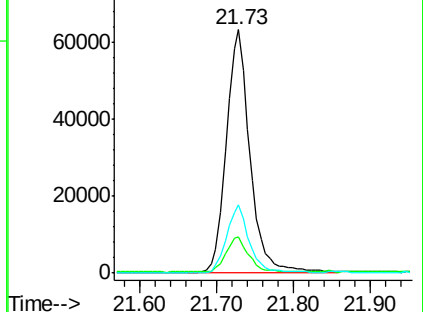
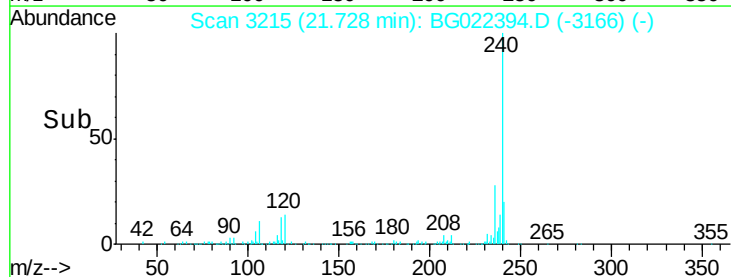
236 28.0 19.6 29.4

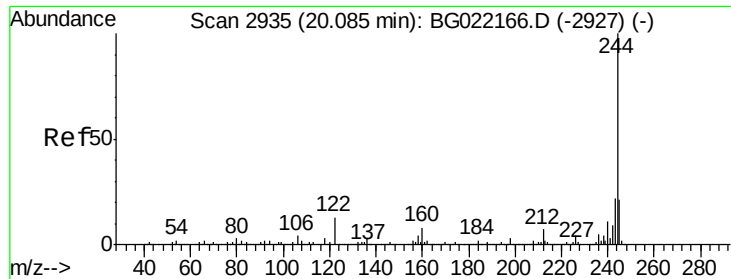


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.20 ng

RT: 20.04 min Scan# 2928

Delta R.T. -0.02 min

Lab File: BG022394.D

Acq: 17 Jun 2016 9:41

Instrument :

BNA_G

ClientSampleId :

MW-05

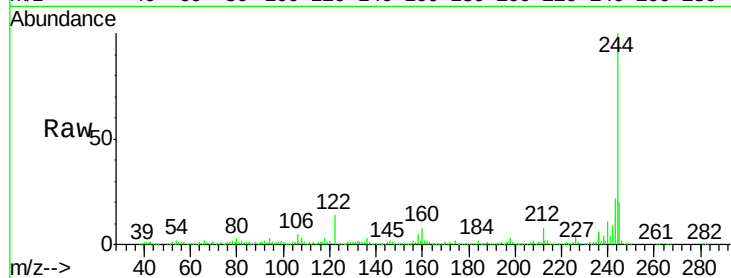
Tot Ion:244 Resp: 467332

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

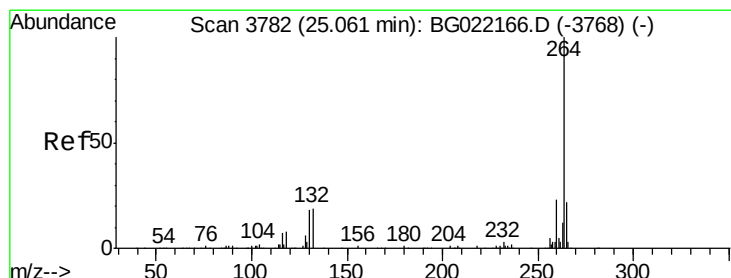
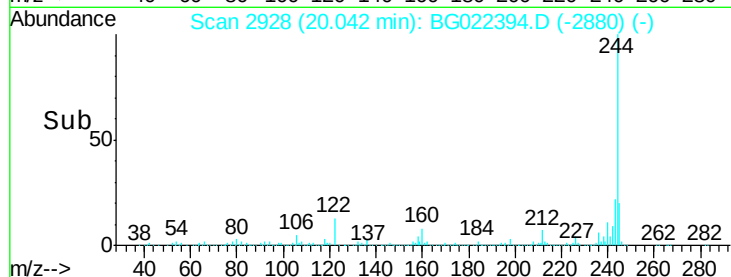
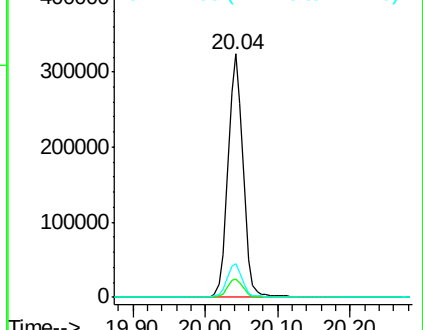
122 13.7 8.6 12.8#



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: 25.04 min Scan# 3779

Delta R.T. 0.03 min

Lab File: BG022394.D

Acq: 17 Jun 2016 9:41

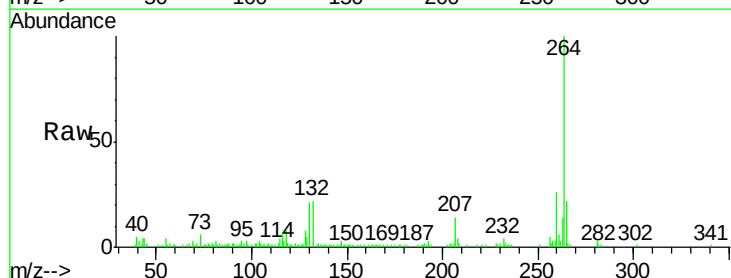
Tgt Ion:264 Resp: 123857

Ion Ratio Lower Upper

264 100

260 25.7 20.2 30.4

265 21.8 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

