

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
 Data File : BG022395.D
 Acq On : 17 Jun 2016 10:20
 Operator : UM/SJ
 Sample : H3574-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-04

Quant Time: Jun 17 13:56:01 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	33425	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	161256	20.00	ng	-0.03
38) Acenaphthene-d10	14.70	164	88177	20.00	ng	-0.03
63) Phenanthrene-d10	17.44	188	168698	20.00	ng	-0.03
75) Chrysene-d12	21.73	240	141769	20.00	ng	0.00
86) Perylene-d12	25.08	264	127941	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	122148	70.66	ng	-0.02
7) Phenol-d6	7.25	99	113208	41.65	ng	0.00
23) Nitrobenzene-d5	9.23	82	216463	93.59	ng	-0.03
41) 2,4,6-Tribromophenol	16.19	330	109376	109.78	ng	-0.02
44) 2-Fluorobiphenyl	13.32	172	499635	86.35	ng	-0.03
78) Terphenyl-d14	20.04	244	441937	74.01	ng	-0.02

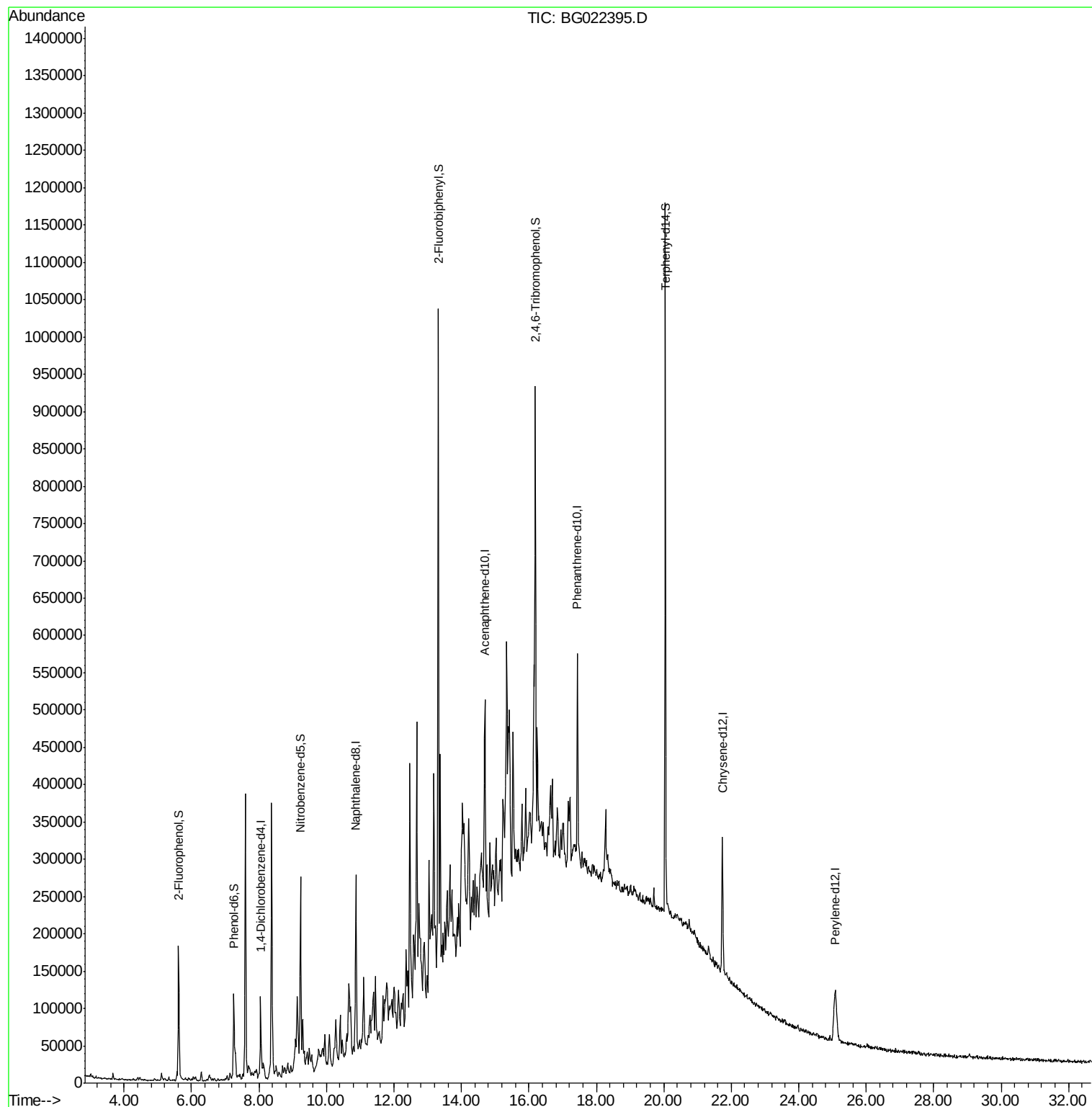
Target Compounds Qvalue

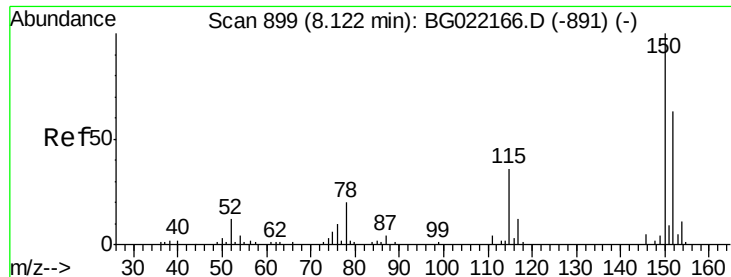
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
Data File : BG022395.D
Acq On : 17 Jun 2016 10:20
Operator : UM/SJ
Sample : H3574-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-04

Quant Time: Jun 17 13:56:01 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



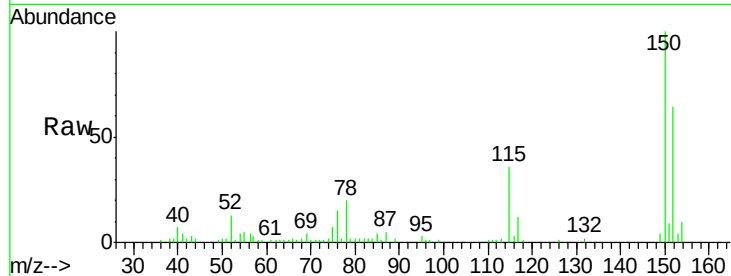


#1

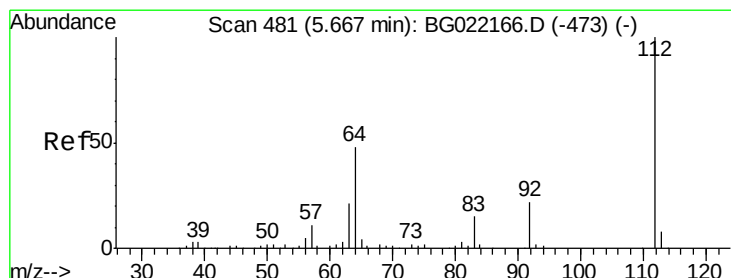
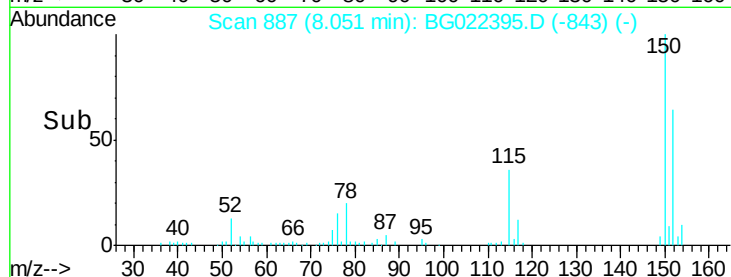
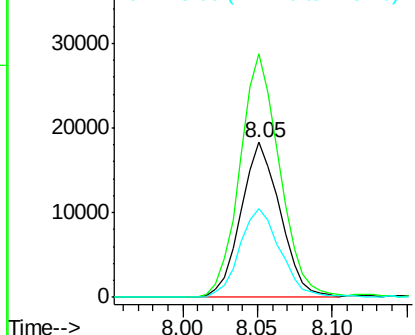
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.04 min
Lab File: BG022395.D
Acq: 17 Jun 2016 10:20

Instrument :
BNA_G
ClientSampleId :
MW-04

Tot Ion:152 Resp: 33425
Ion Ratio Lower Upper
152 100
150 157.2 130.1 195.1
115 57.2 62.2 93.2#



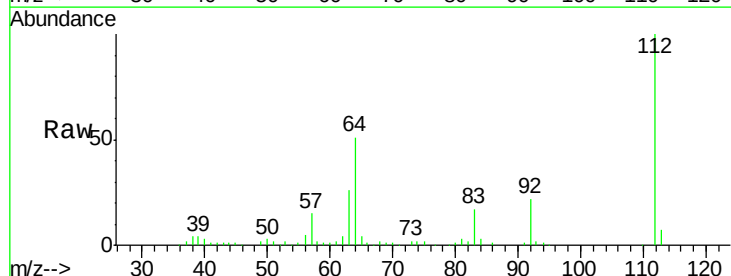
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



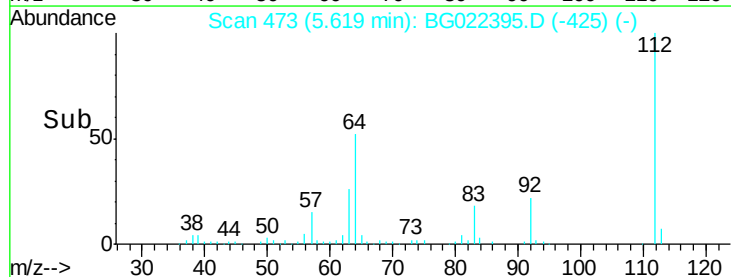
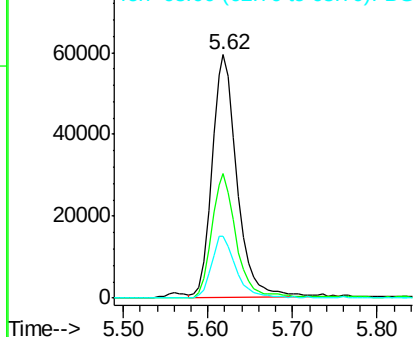
#5

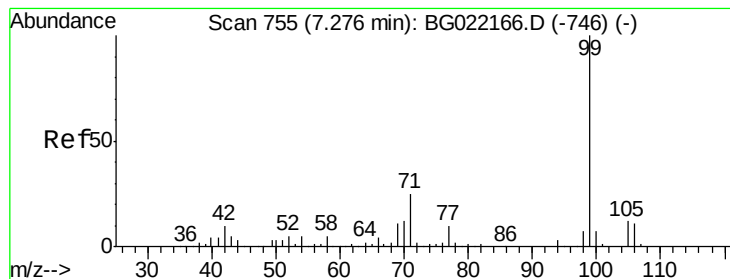
2-Fluorophenol
Concen: 70.66 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.02 min
Lab File: BG022395.D
Acq: 17 Jun 2016 10:20

Tgt Ion:112 Resp: 122148
Ion Ratio Lower Upper
112 100
64 51.3 51.1 76.7
63 25.6 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: 41.65 ng

RT: 7.25 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG022395.D

Acq: 17 Jun 2016 10:20

Instrument :

BNA_G

ClientSampleId :

MW-04

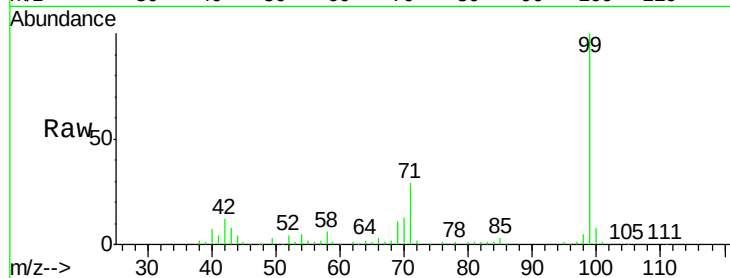
Tot Ion: 99 Resp: 113208

Ion Ratio Lower Upper

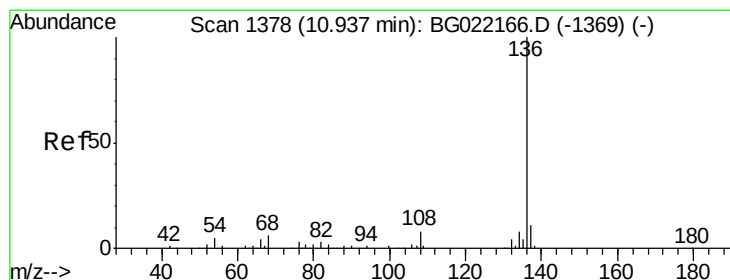
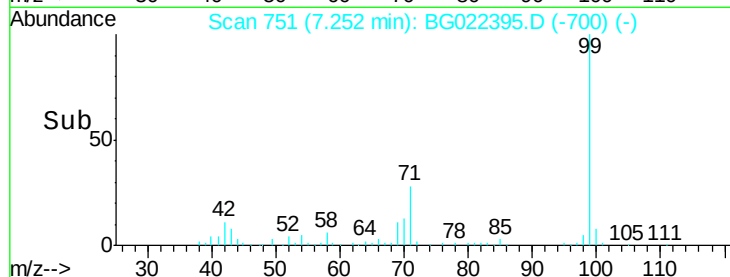
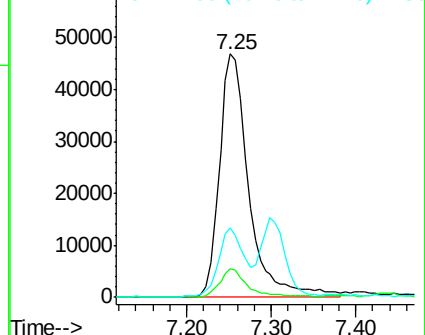
99 100

42 11.6 16.4 24.6#

71 28.8 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: 10.87 min Scan# 1367

Delta R.T. -0.03 min

Lab File: BG022395.D

Acq: 17 Jun 2016 10:20

Tgt Ion: 136 Resp: 161256

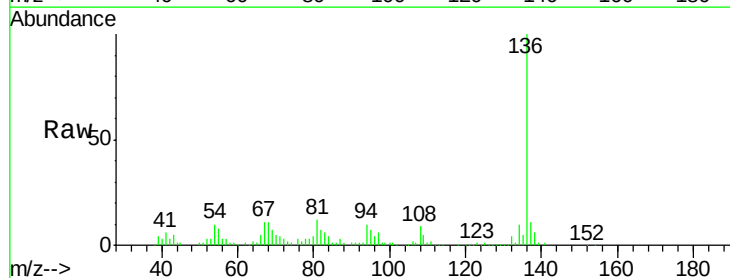
Ion Ratio Lower Upper

136 100

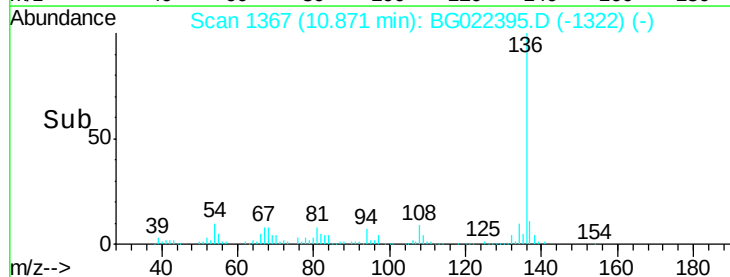
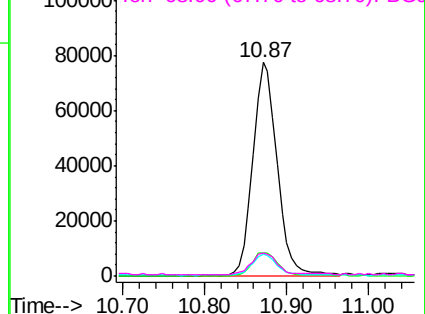
137 10.9 9.0 13.4

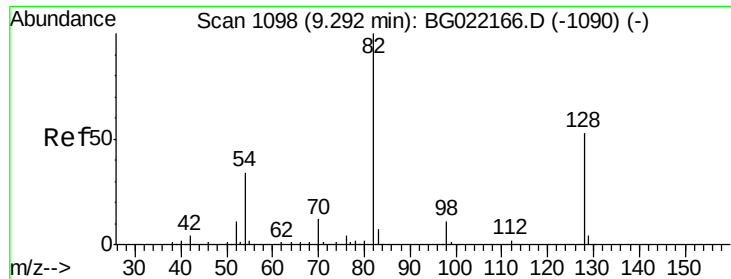
54 10.1 9.6 14.4

68 10.6 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

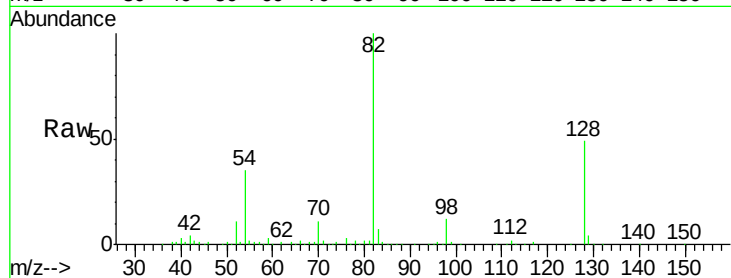




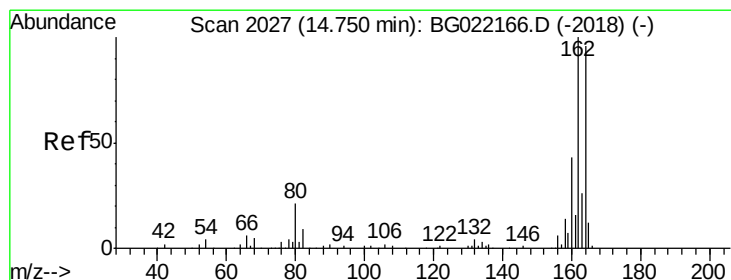
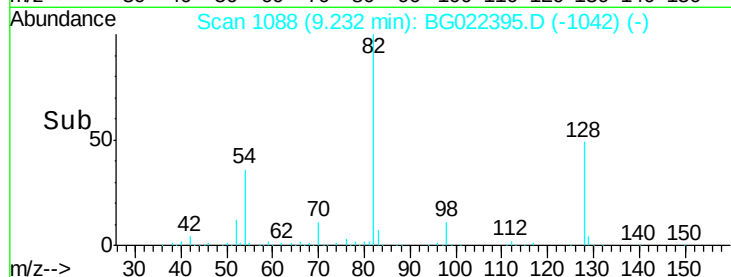
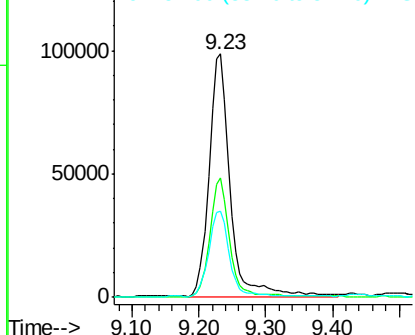
#23
Nitrobenzene-d5
Concen: 93.59 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.03 min
Lab File: BG022395.D
Acq: 17 Jun 2016 10:20

Instrument :
BNA_G
ClientSampled :
MW-04

Tot Ion	82	Resp	216463
Ion Ratio	Lower	Upper	
82	100		
128	49.1	33.4	50.0
54	35.4	46.1	69.1#

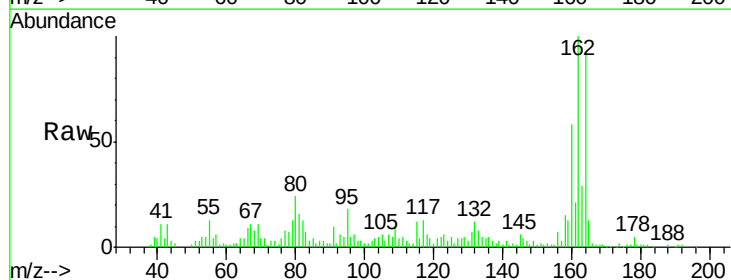


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

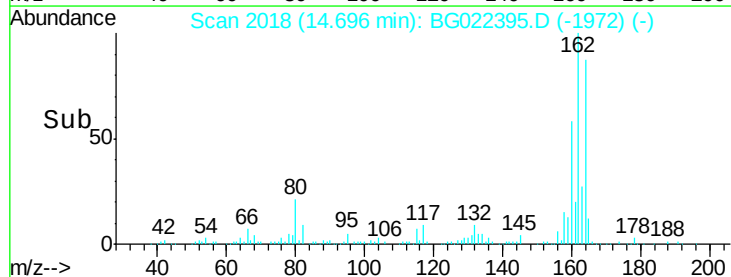
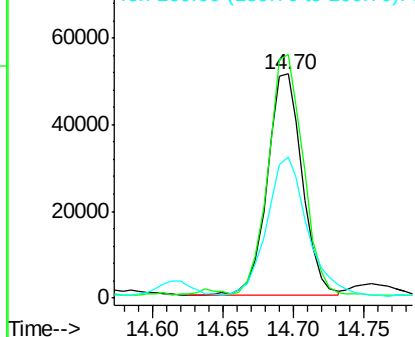


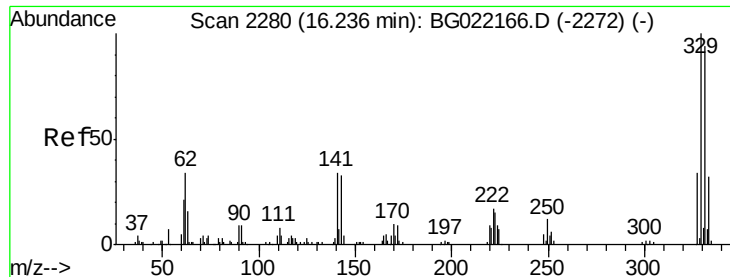
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.70 min Scan# 2018
Delta R.T. -0.03 min
Lab File: BG022395.D
Acq: 17 Jun 2016 10:20

Tgt Ion	164	Resp	88177
Ion Ratio	Lower	Upper	
164	100		
162	108.7	78.0	117.0
160	63.3	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

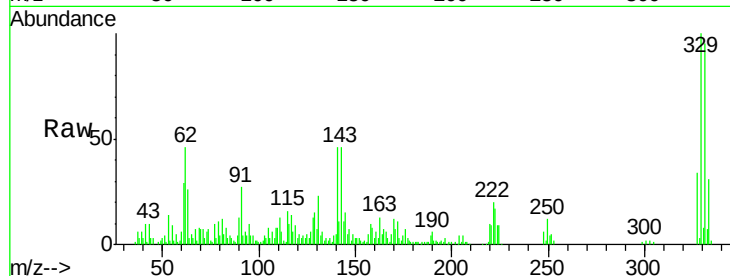




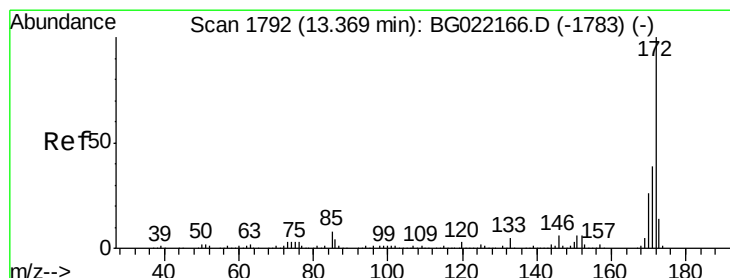
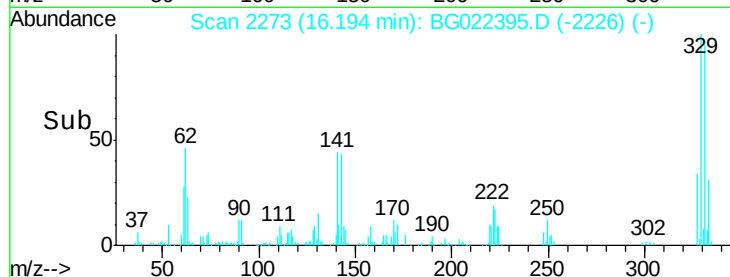
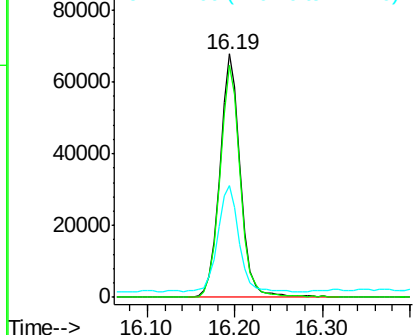
#41
 2,4,6-Tribromophenol
 Concen: 109.78 ng
 RT: 16.19 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BG022395.D
 Acq: 17 Jun 2016 10:20

Instrument :
 BNA_G
 ClientSampleId :
 MW-04

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	78.0	117.0
141	45.6	33.8	50.8

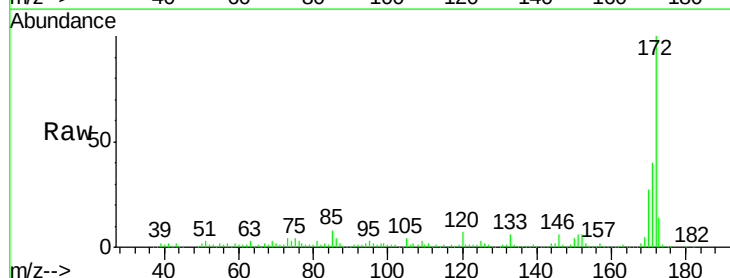


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

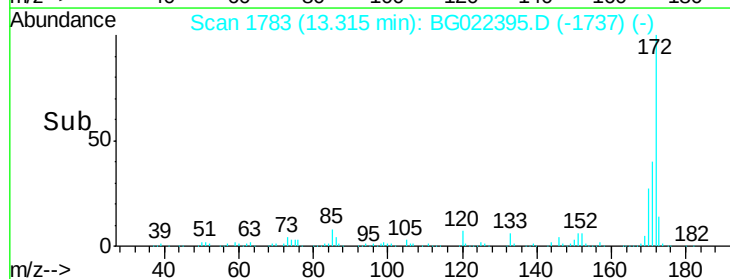
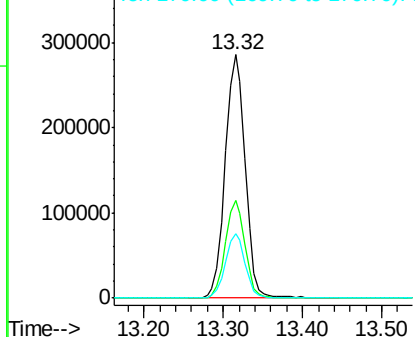


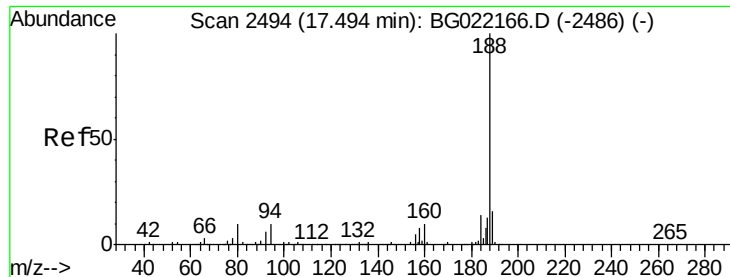
#44
 2-Fluorobiphenyl
 Concen: 86.35 ng
 RT: 13.32 min Scan# 1783
 Delta R.T. -0.03 min
 Lab File: BG022395.D
 Acq: 17 Jun 2016 10:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.3	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

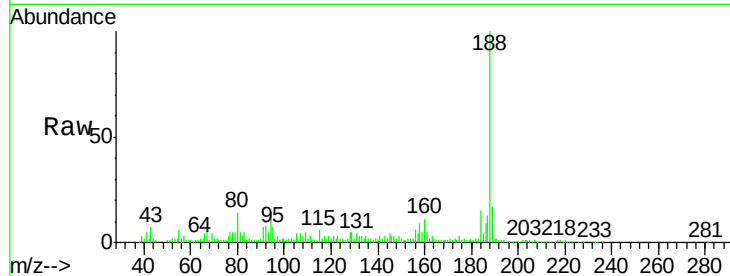




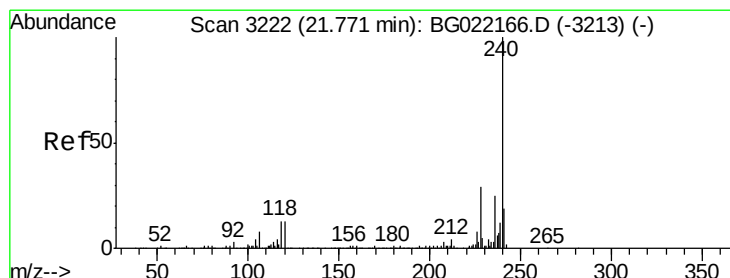
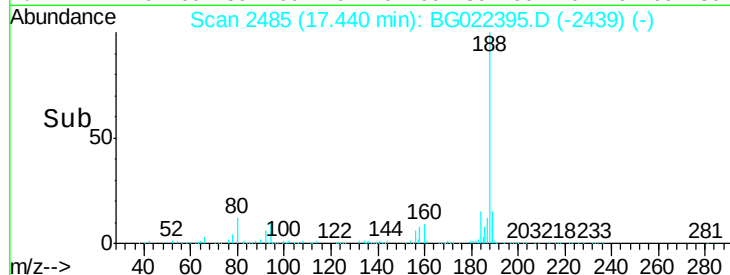
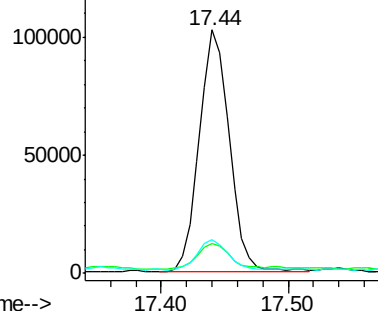
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 2485
Delta R.T. -0.03 min
Lab File: BG022395.D
Acq: 17 Jun 2016 10:20

Instrument :
BNA_G
ClientSampled :
MW-04

Tot Ion:188 Resp: 168698
Ion Ratio Lower Upper
188 100
94 12.5 7.5 11.3#
80 13.9 8.6 13.0#

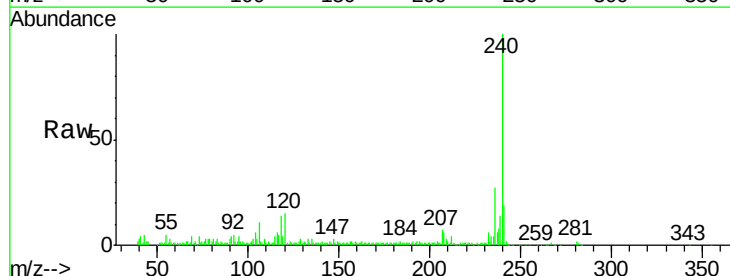


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

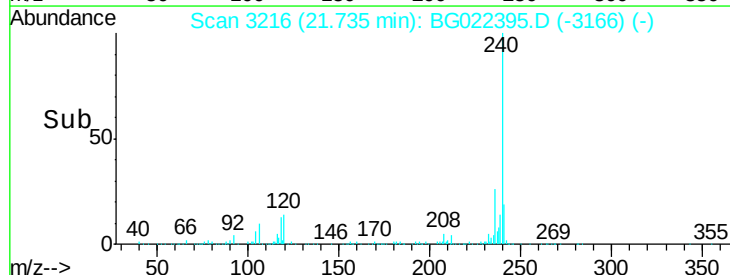
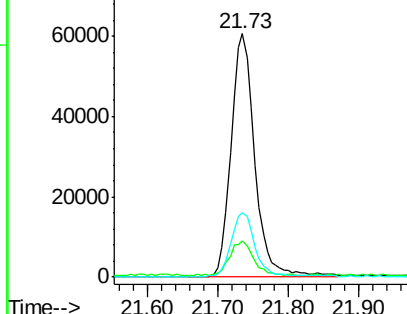


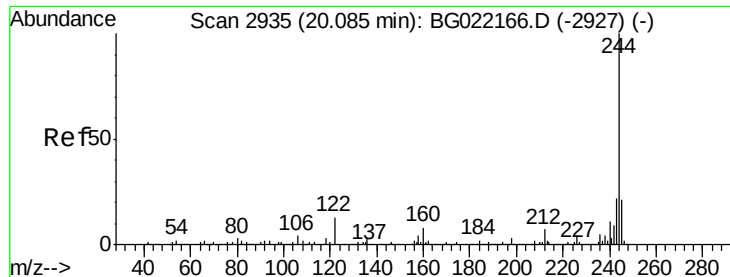
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.73 min Scan# 3216
Delta R.T. -0.00 min
Lab File: BG022395.D
Acq: 17 Jun 2016 10:20

Tgt Ion:240 Resp: 141769
Ion Ratio Lower Upper
240 100
120 14.9 8.4 12.6#
236 26.6 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: 74.01 ng

RT: 20.04 min Scan# 2928

Delta R.T. -0.02 min

Lab File: BG022395.D

Acq: 17 Jun 2016 10:20

Instrument :

BNA_G

ClientSampleId :

MW-04

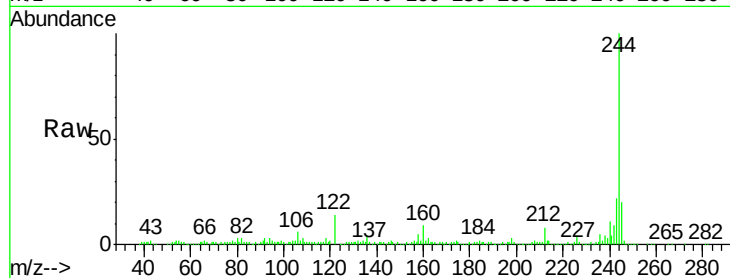
Tot Ion:244 Resp: 441937

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

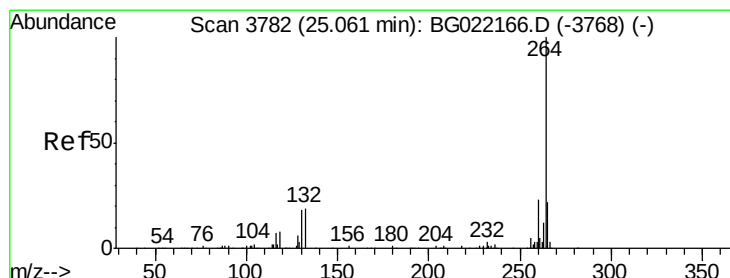
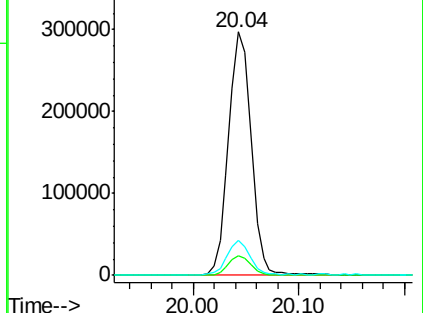
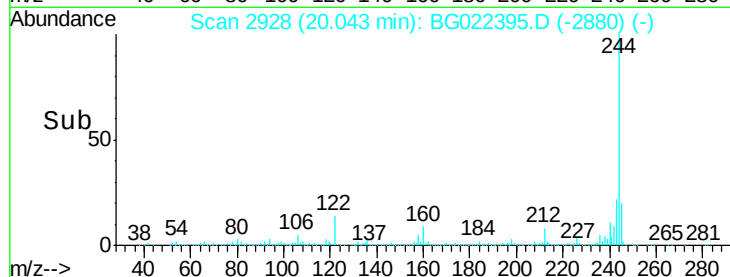
122 14.4 8.6 12.8#



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: 25.08 min Scan# 3785

Delta R.T. 0.07 min

Lab File: BG022395.D

Acq: 17 Jun 2016 10:20

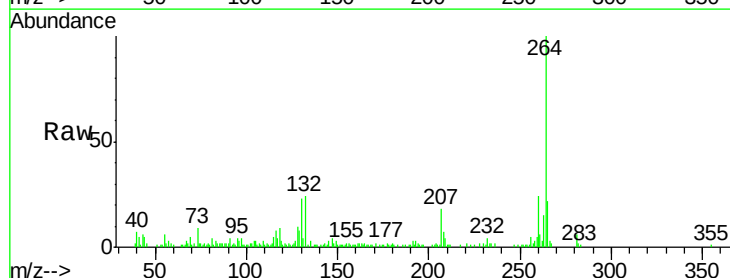
Tgt Ion:264 Resp: 127941

Ion Ratio Lower Upper

264 100

260 23.5 20.2 30.4

265 22.4 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

