

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023915.D
 Acq On : 26 Aug 2016 6:22
 Operator : UM/SJ
 Sample : H4588-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-06

Quant Time: Aug 26 07:03:03 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

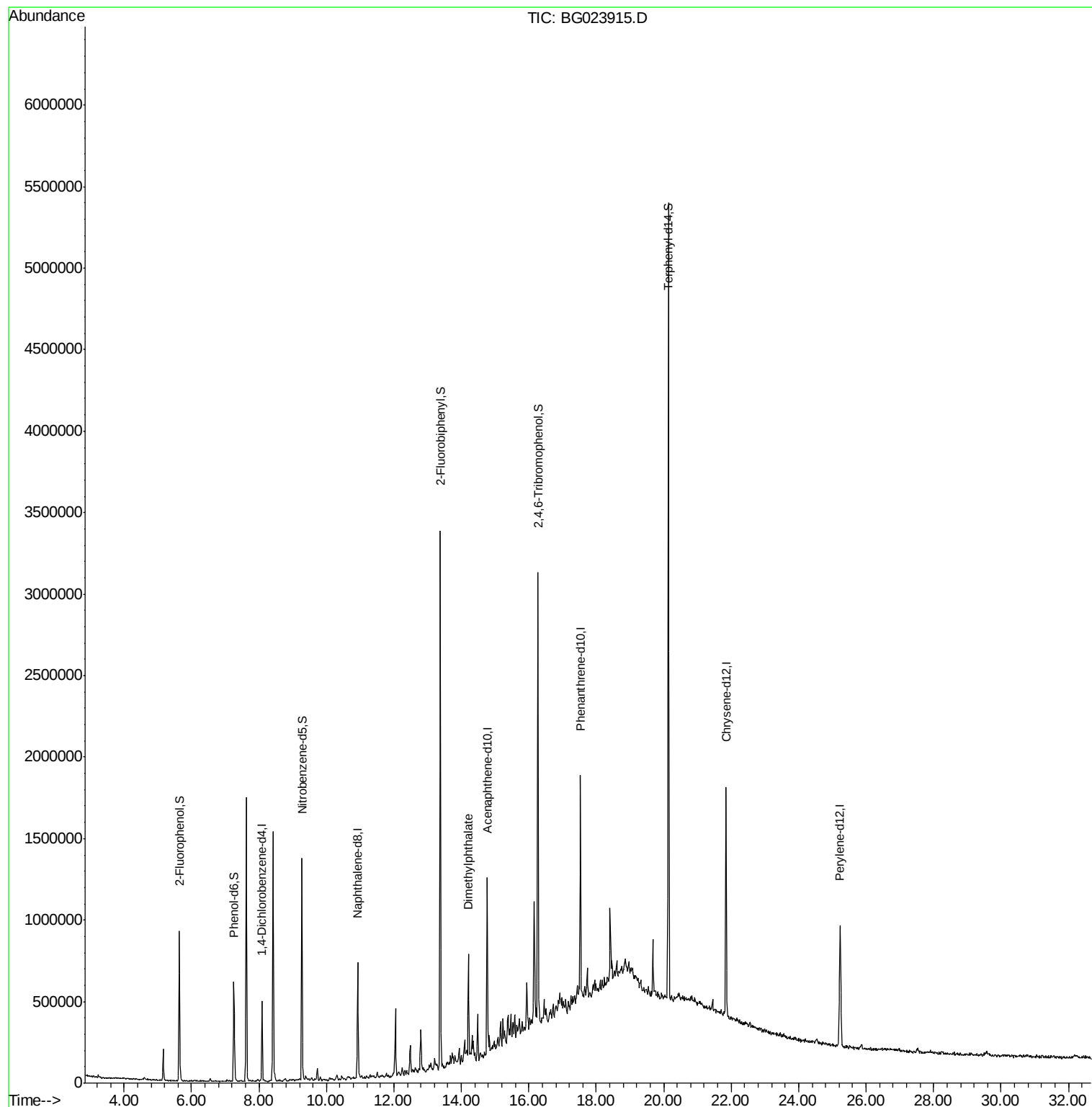
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	127390	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	565169	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	366229	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	799836	20.00	ng	0.00
75) Chrysene-d12	21.85	240	828488	20.00	ng	0.00
86) Perylene-d12	25.23	264	813679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	399604	52.80	ng	0.00
7) Phenol-d6	7.26	99	366452	31.09	ng	0.00
23) Nitrobenzene-d5	9.27	82	863365	75.95	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	475205	88.71	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1601789	73.77	ng	0.00
78) Terphenyl-d14	20.14	244	1879420	66.92	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.21	163	391218	13.92	ng	Qvalue 99

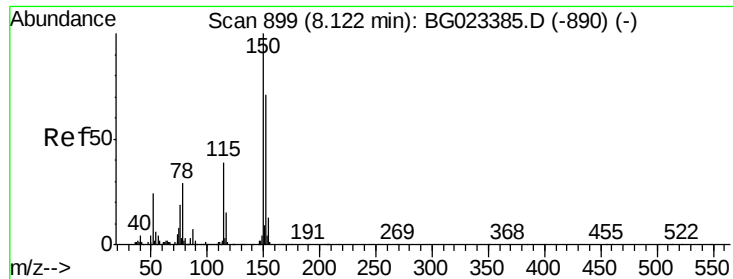
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.00 min

Lab File: BG023915.D

Acq: 26 Aug 2016 6:22

Instrument :

BNA_G

ClientSampleId :

MW-06

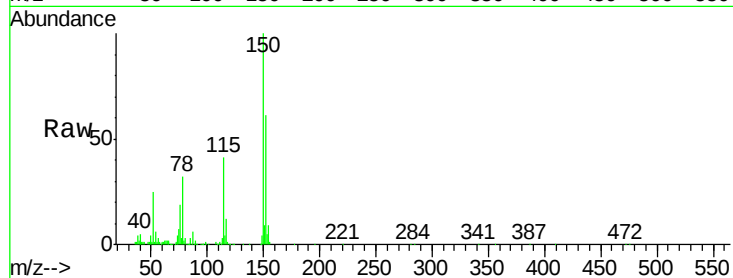
Tgt Ion:152 Resp: 127390

Ion Ratio Lower Upper

152 100

150 163.6 144.7 217.1

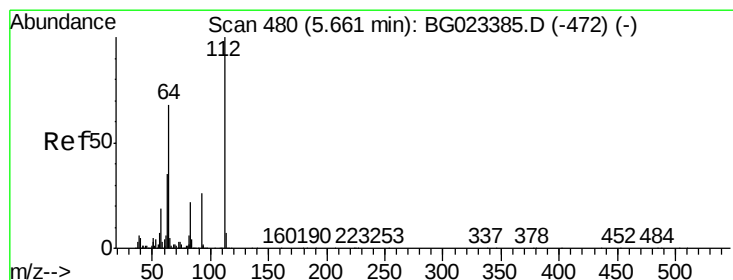
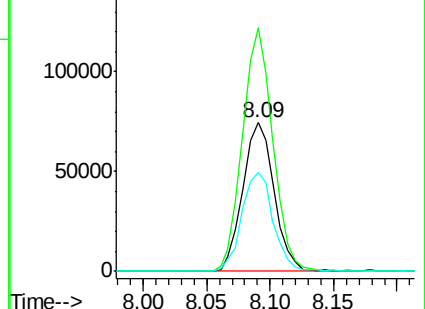
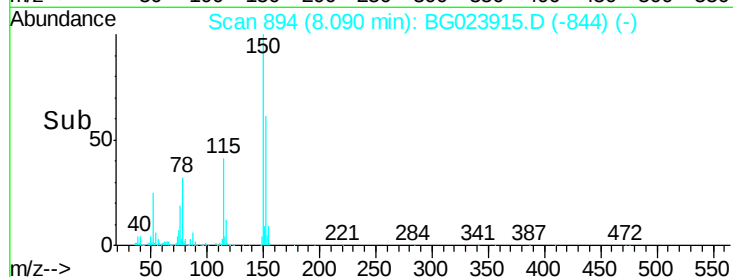
115 66.6 64.0 96.0



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: 52.80 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.00 min

Lab File: BG023915.D

Acq: 26 Aug 2016 6:22

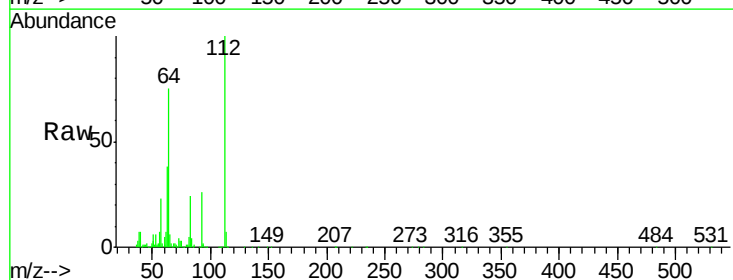
Tgt Ion:112 Resp: 399604

Ion Ratio Lower Upper

112 100

64 75.1 59.0 88.4

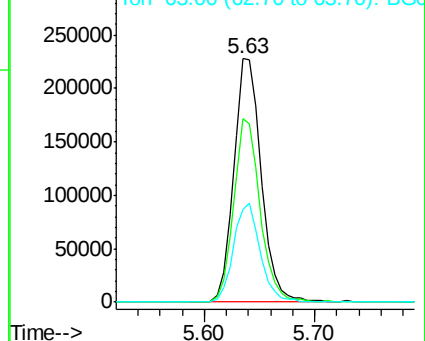
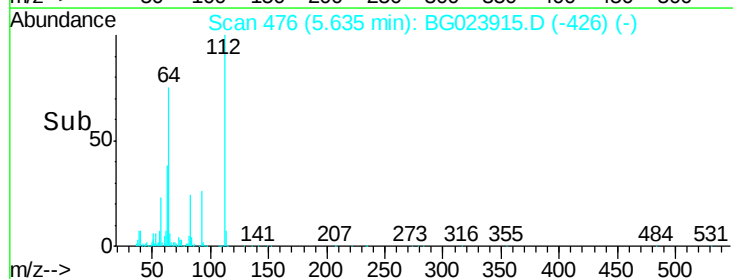
63 37.9 37.8 56.8

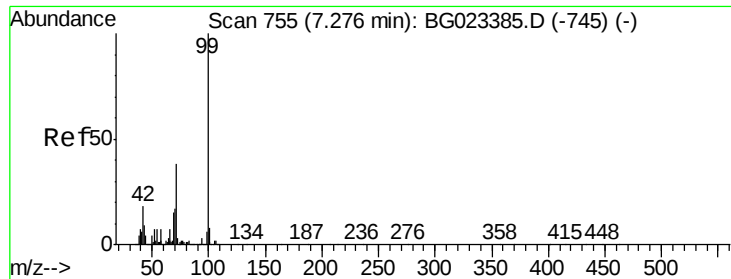


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 31.09 ng

RT: 7.26 min Scan# 752

Delta R.T. 0.00 min

Lab File: BG023915.D

Acq: 26 Aug 2016 6:22

Instrument :

BNA_G

ClientSampled :

MW-06

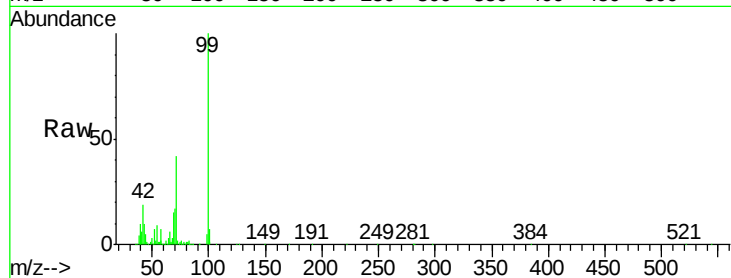
Tgt Ion: 99 Resp: 366452

Ion Ratio Lower Upper

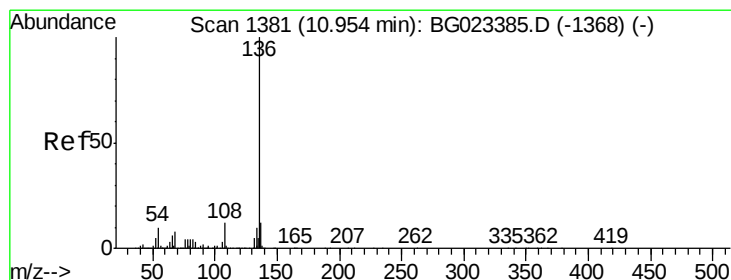
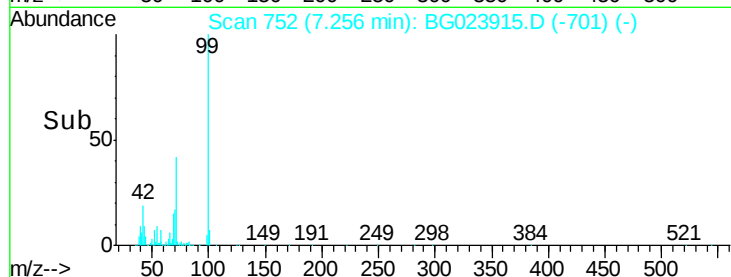
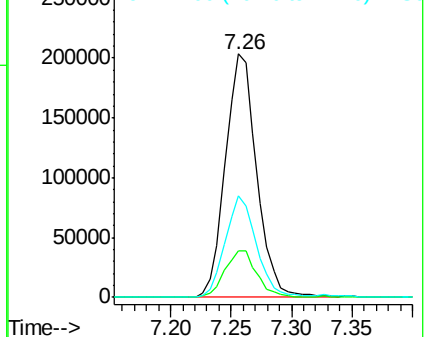
99 100

42 18.9 17.8 26.6

71 41.6 41.5 62.3



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: 10.93 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BG023915.D

Acq: 26 Aug 2016 6:22

Tgt Ion: 136 Resp: 565169

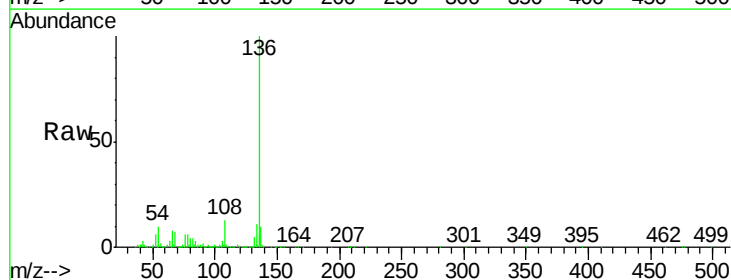
Ion Ratio Lower Upper

136 100

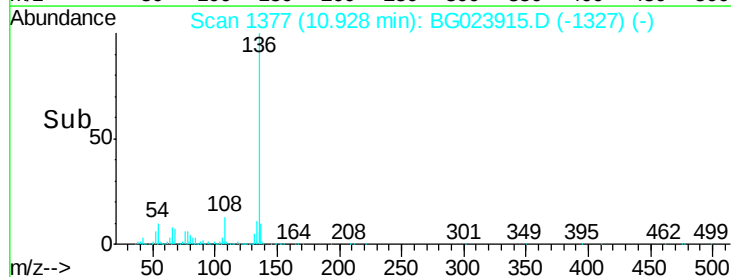
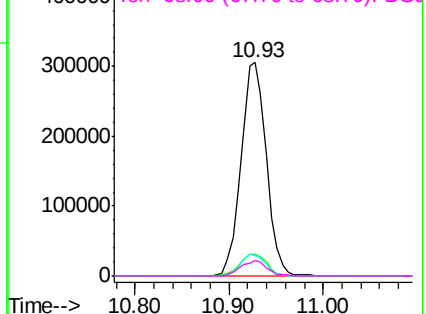
137 10.0 9.6 14.4

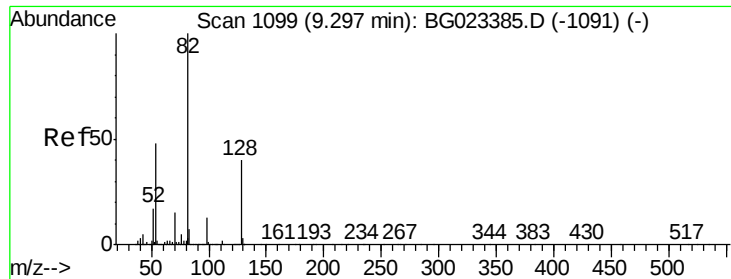
54 9.8 7.3 10.9

68 7.5 5.3 7.9



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

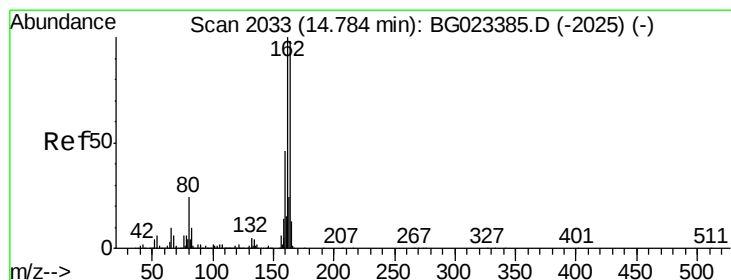
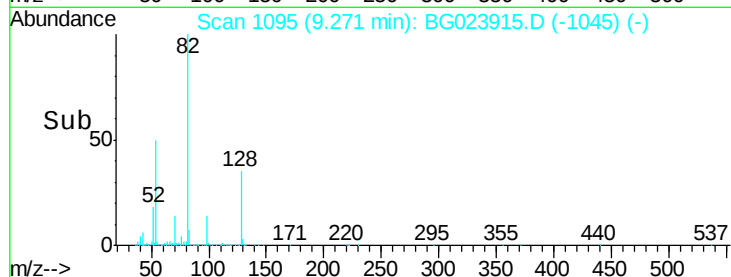
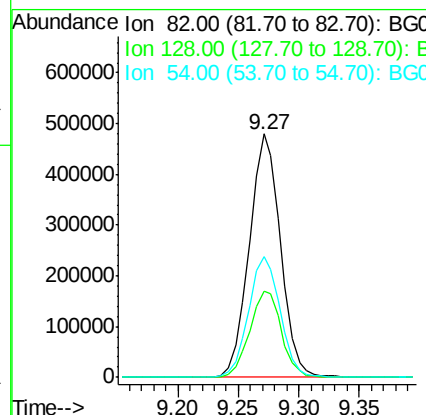
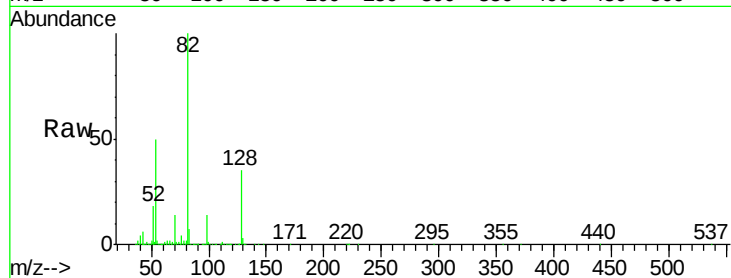




#23
Nitrobenzene-d5
Concen: 75.95 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BG023915.D
Acq: 26 Aug 2016 6:22

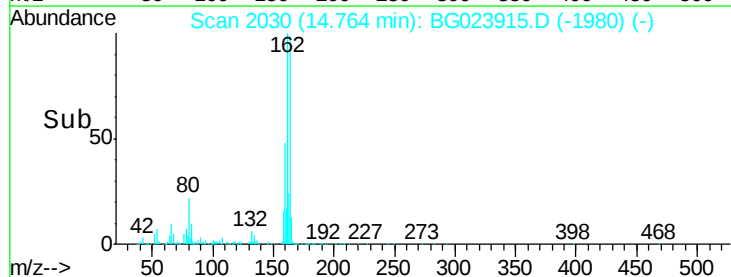
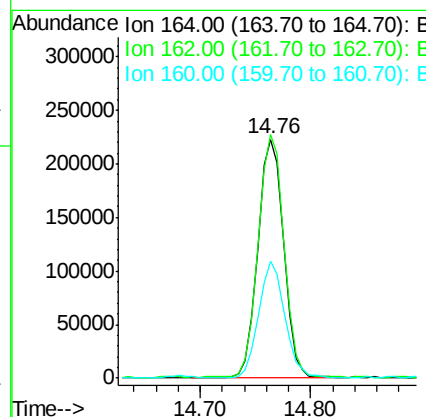
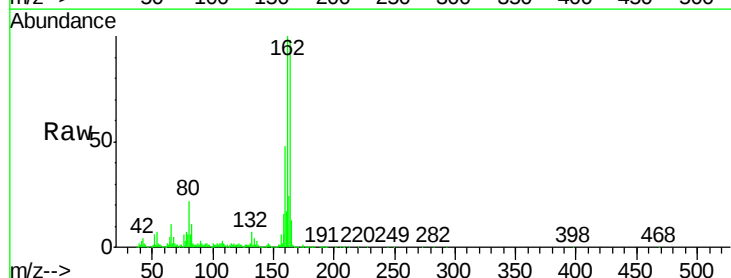
Instrument :
BNA_G
ClientSampleId :
MW-06

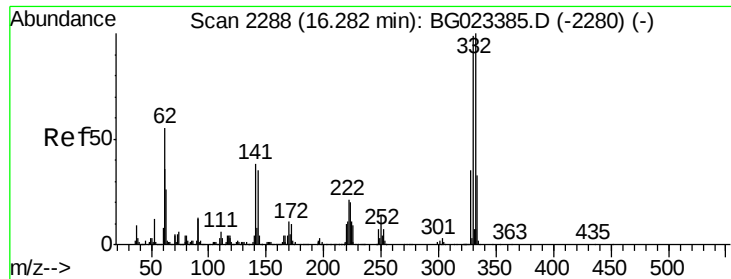
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.3	24.4	36.6
54	49.6	41.4	62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG023915.D
Acq: 26 Aug 2016 6:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	87.7	131.5
160	49.0	37.2	55.8

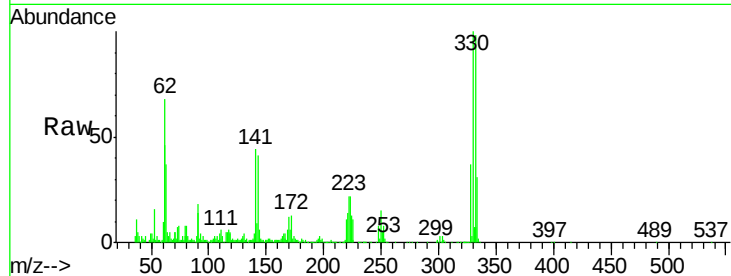




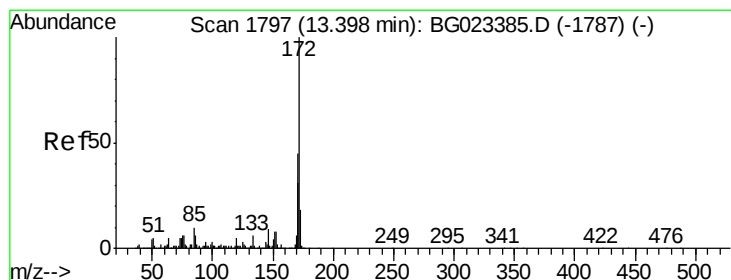
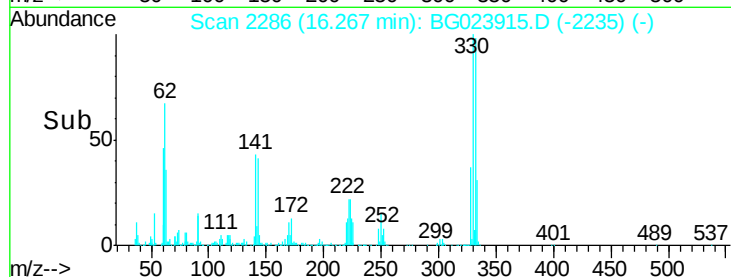
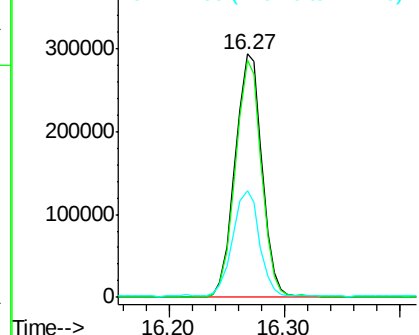
#41
 2,4,6-Tribromophenol
 Concen: 88.71 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. 0.00 min
 Lab File: BG023915.D
 Acq: 26 Aug 2016 6:22

Instrument :
 BNA_G
 ClientSampleId :
 MW-06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.4	116.2
141	43.8	31.7	47.5

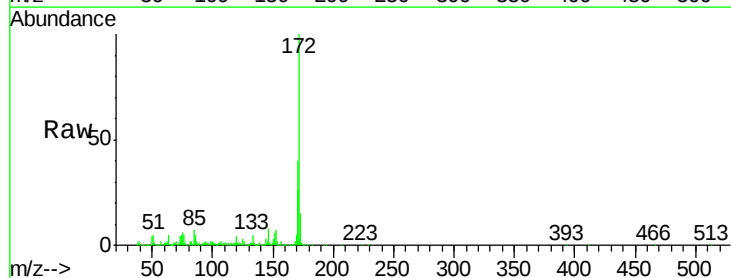


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

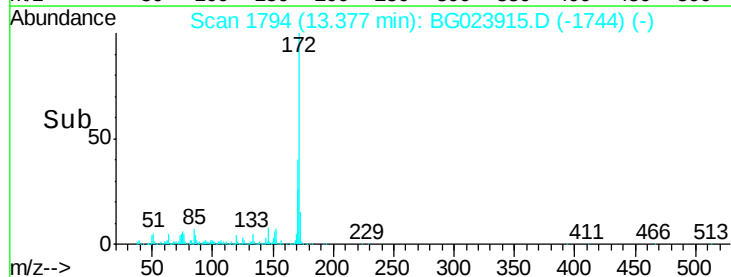
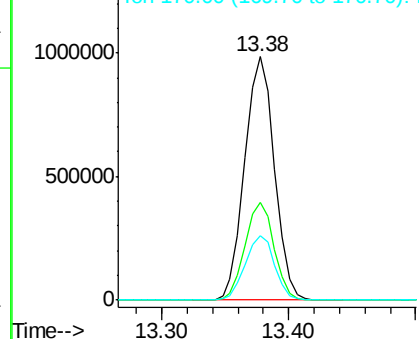


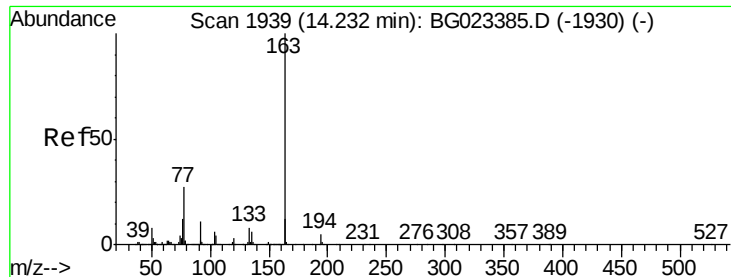
#44
 2-Fluorobiphenyl
 Concen: 73.77 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG023915.D
 Acq: 26 Aug 2016 6:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.3	31.6	47.4
170	26.2	21.3	31.9



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: 13.92 ng

RT: 14.21 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG023915.D

Acq: 26 Aug 2016 6:22

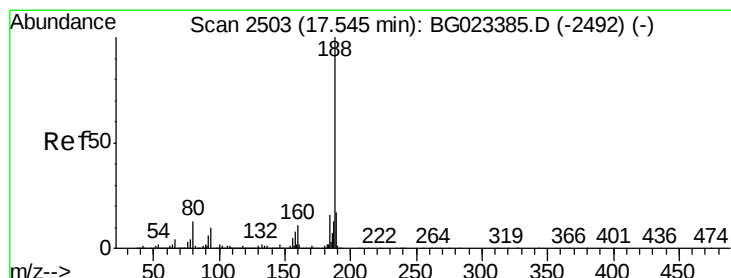
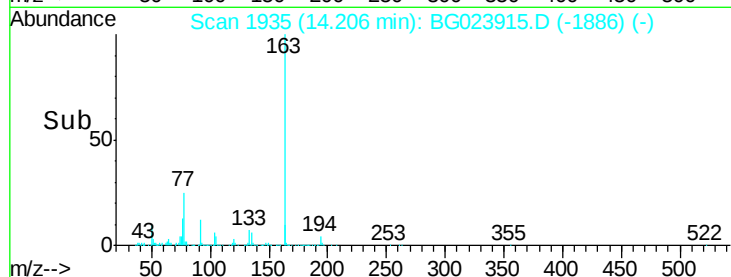
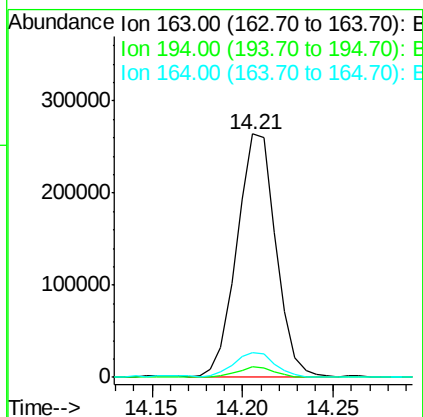
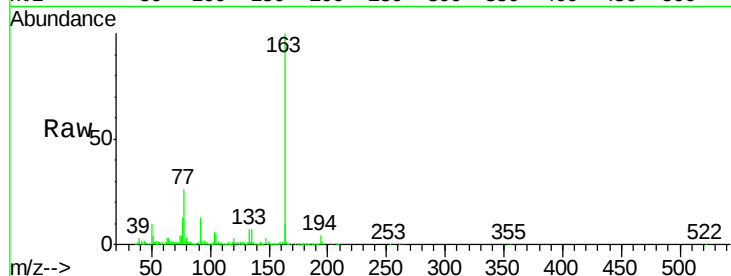
Instrument :

BNA_G

ClientSampleId :

MW-06

Tgt Ion:	163	Resp:	391218
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.6	5.4
164	10.3	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

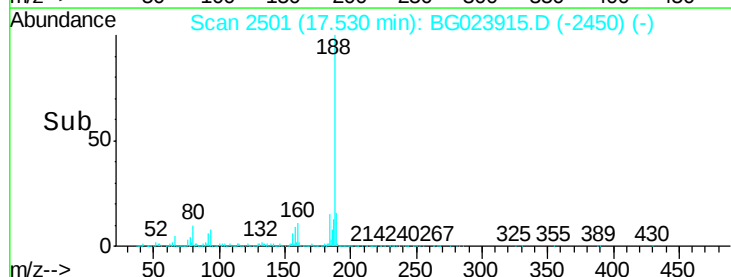
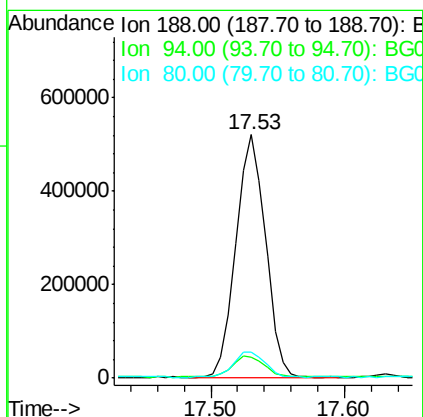
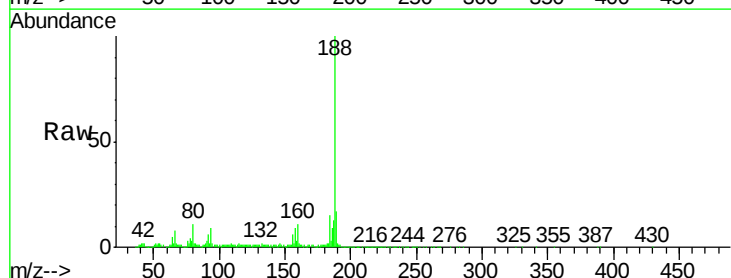
RT: 17.53 min Scan# 2501

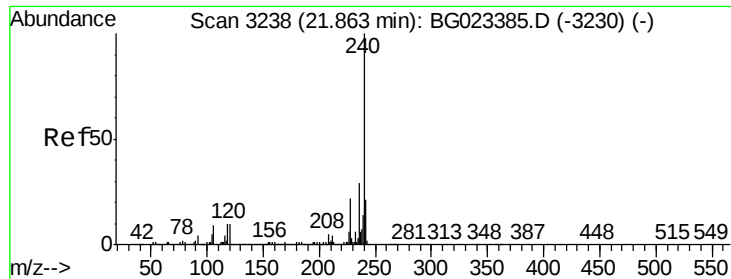
Delta R.T. 0.00 min

Lab File: BG023915.D

Acq: 26 Aug 2016 6:22

Tgt Ion:	188	Resp:	799836
Ion Ratio	Lower	Upper	
188	100		
94	8.6	5.2	7.8#
80	10.9	7.2	10.8#

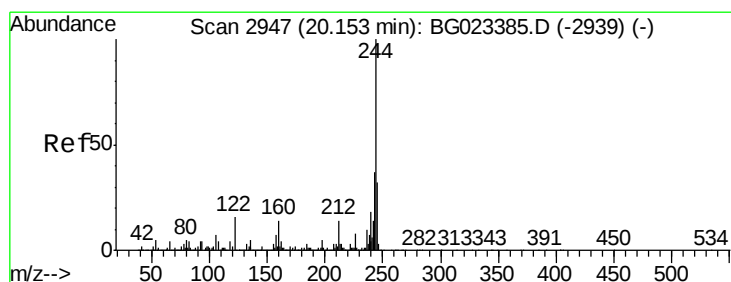
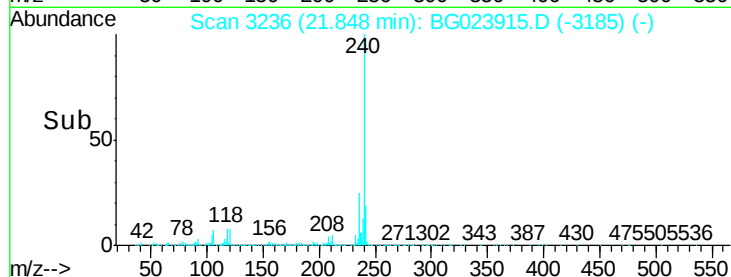
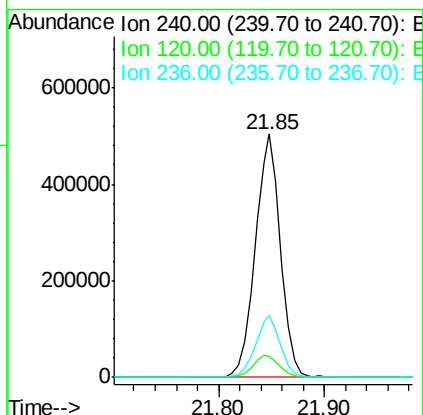
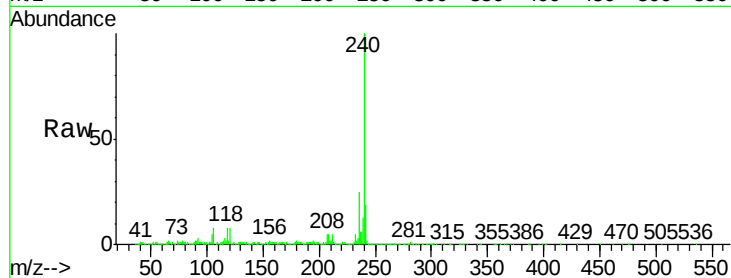




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BG023915.D
Acq: 26 Aug 2016 6:22

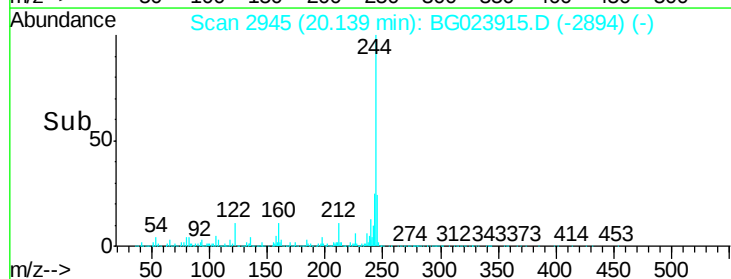
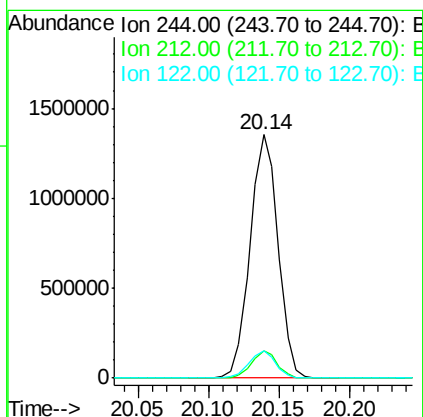
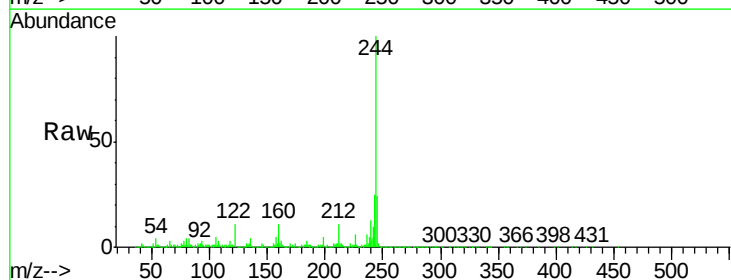
Instrument :
BNA_G
ClientSampleId :
MW-06

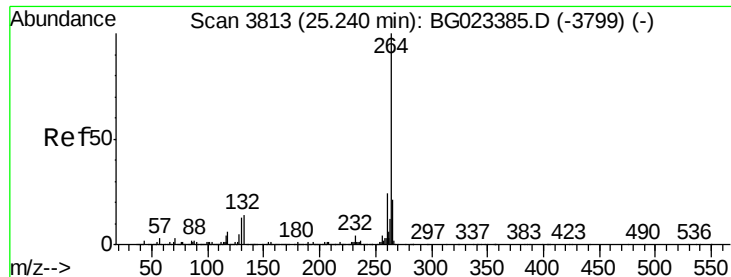
Tgt Ion:240 Resp: 828488
Ion Ratio Lower Upper
240 100
120 8.5 4.1 6.1#
236 25.4 21.1 31.7



#78
Terphenyl-d14
Concen: 66.92 ng
RT: 20.14 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BG023915.D
Acq: 26 Aug 2016 6:22

Tgt Ion:244 Resp: 1879420
Ion Ratio Lower Upper
244 100
212 11.1 10.8 16.2
122 11.2 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.23 min Scan# 3812

Delta R.T. 0.01 min

Lab File: BG023915.D

Acq: 26 Aug 2016 6:22

Instrument :

BNA_G

ClientSampleId :

MW-06

Tgt Ion:264 Resp: 813679

Ion Ratio Lower Upper

264 100

260 24.5 18.4 27.6

265 21.5 18.9 28.3

