

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022908.D
 Acq On : 7 Jul 2016 23:23
 Operator : UM/SJ
 Sample : H3834-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: Jul 08 04:31:11 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	104803	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	468036	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	360374	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	953646	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1068436	20.00	ng	0.00
86) Perylene-d12	25.19	264	1099196	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	482039	75.22	ng	0.00
7) Phenol-d6	7.30	99	547006	54.50	ng	0.00
23) Nitrobenzene-d5	9.33	82	965213	88.30	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	813721	125.64	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1937744	84.70	ng	0.00
78) Terphenyl-d14	20.15	244	2982025	90.88	ng	0.00

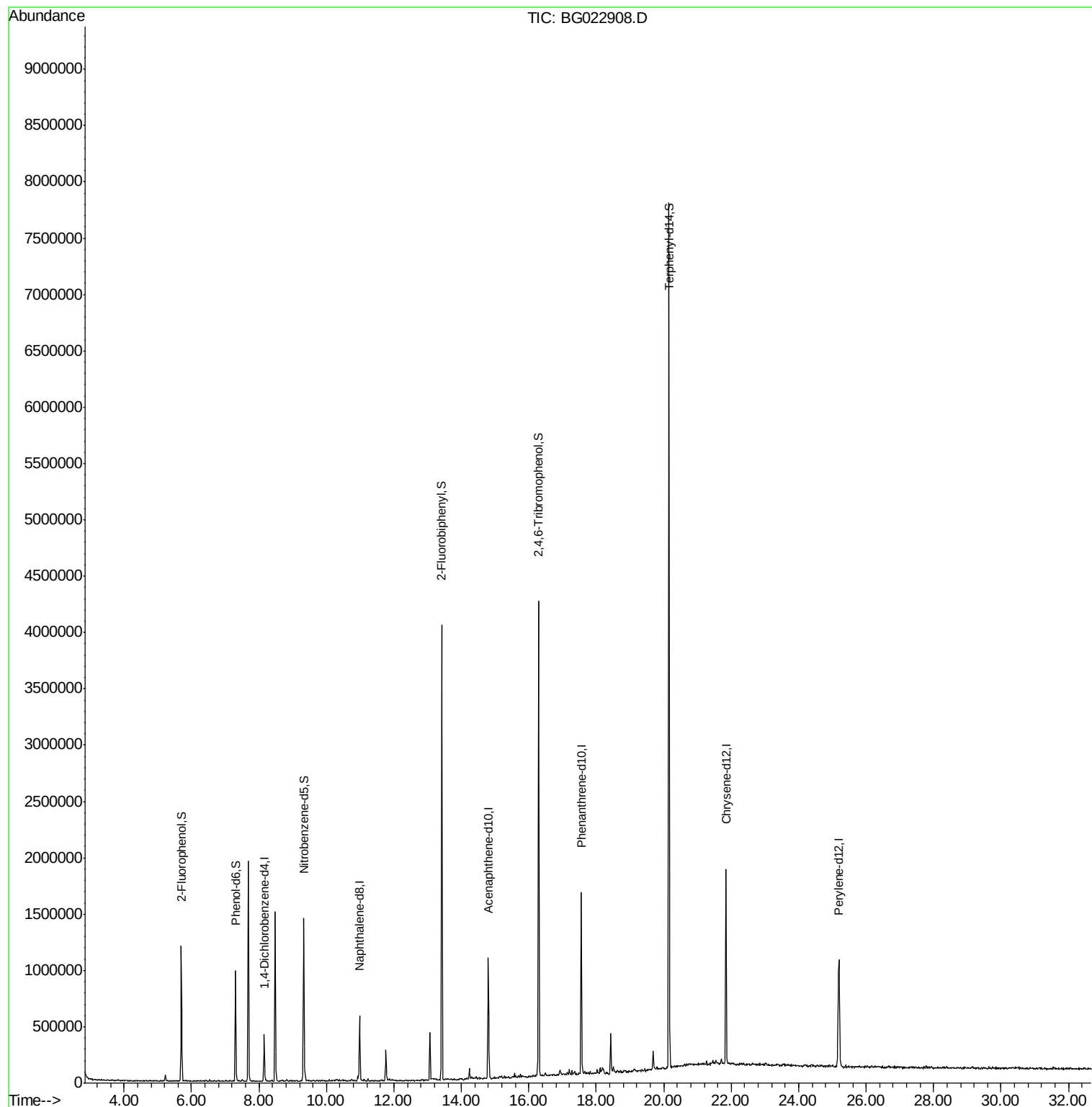
Target Compounds Qvalue

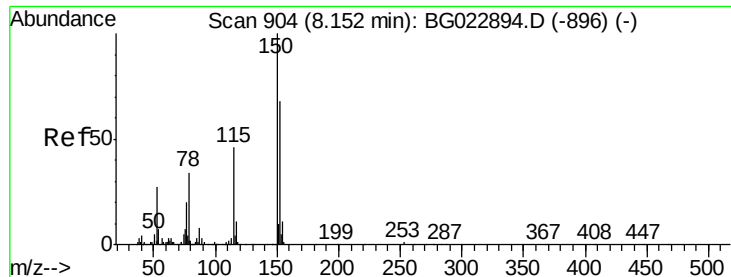
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG022908.D

Acq: 7 Jul 2016 23:23

Instrument :

BNA_G

ClientSampleId :

MW-3

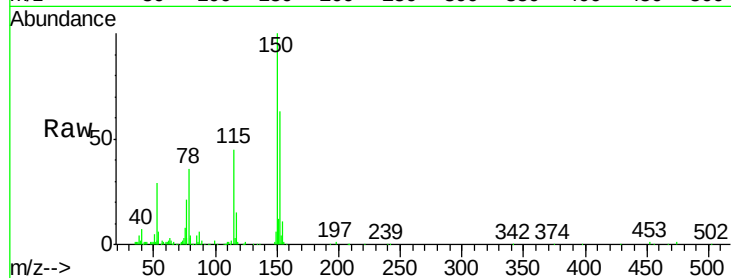
Tot Ion:152 Resp: 104803

Ion Ratio Lower Upper

152 100

150 159.0 144.7 217.1

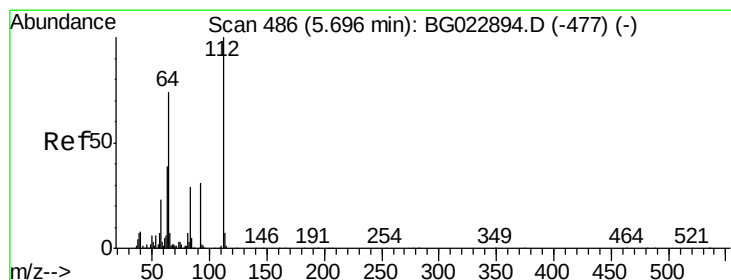
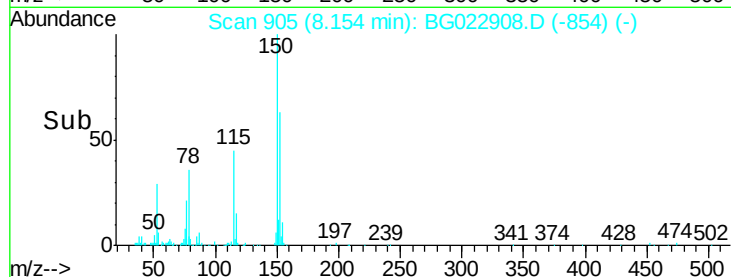
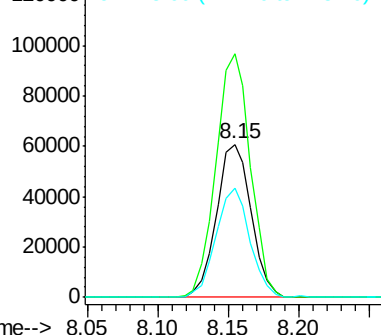
115 71.5 64.0 96.0



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: 75.22 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022908.D

Acq: 7 Jul 2016 23:23

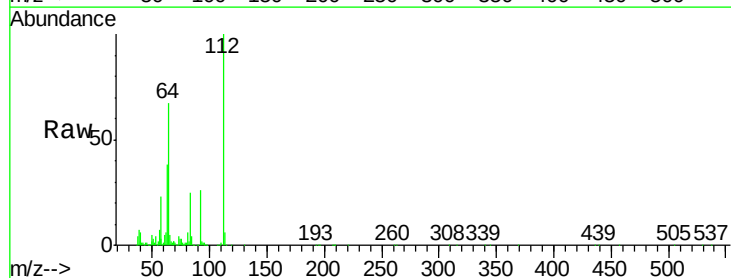
Tgt Ion:112 Resp: 482039

Ion Ratio Lower Upper

112 100

64 67.2 59.0 88.4

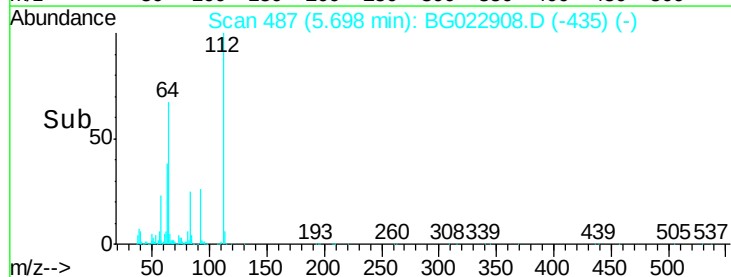
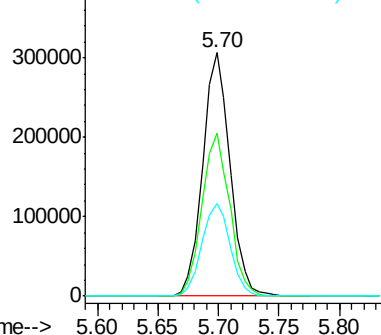
63 38.1 37.8 56.8

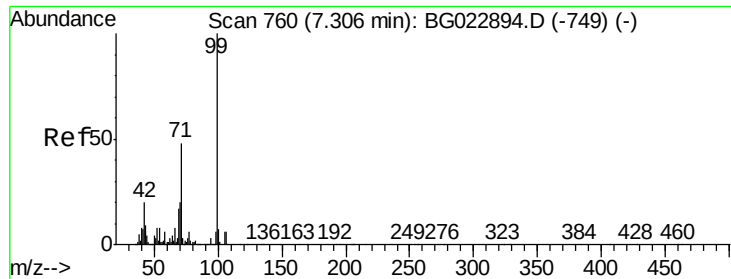


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 54.50 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022908.D

Acq: 7 Jul 2016 23:23

Instrument :

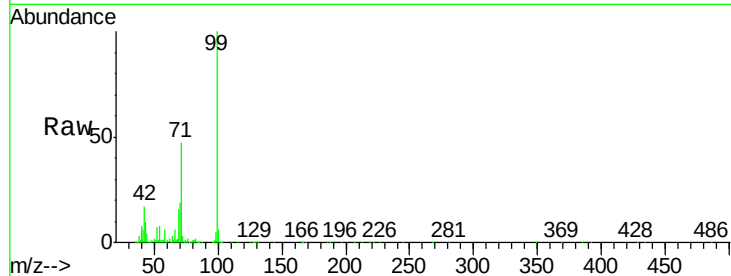
BNA_G

ClientSampleId :

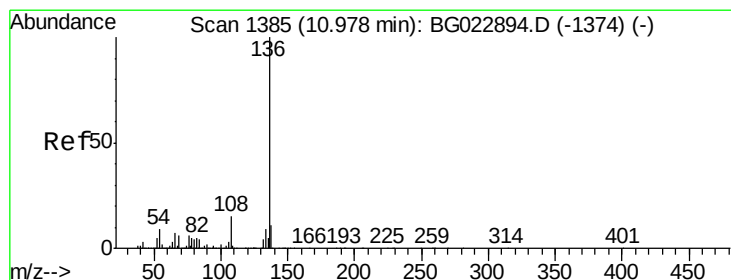
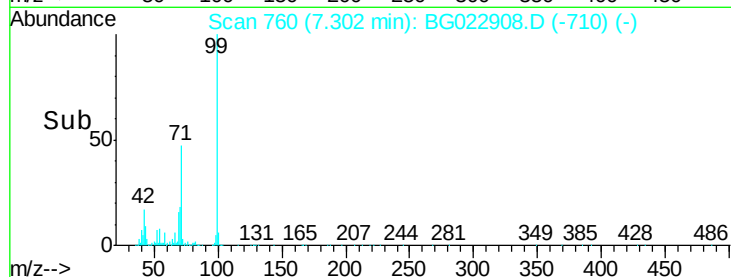
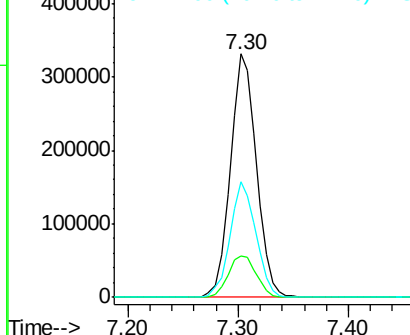
MW-3

Tot Ion: 99 Resp: 547006

Ion	Ratio	Lower	Upper
99	100		
42	16.8	17.8	26.6#
71	47.3	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: 10.98 min Scan# 1386

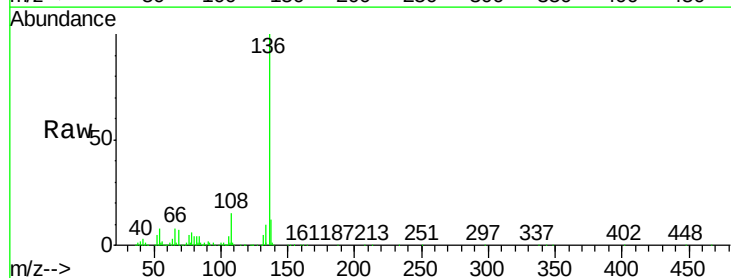
Delta R.T. 0.00 min

Lab File: BG022908.D

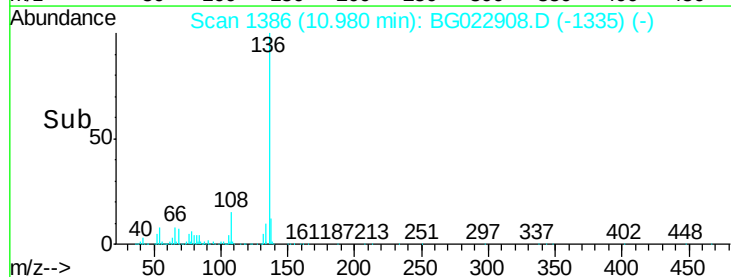
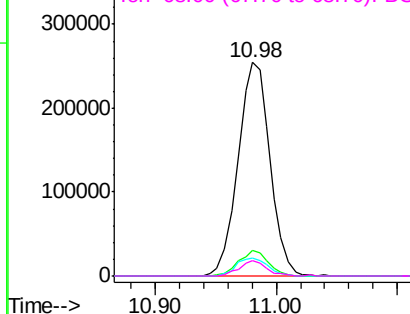
Acq: 7 Jul 2016 23:23

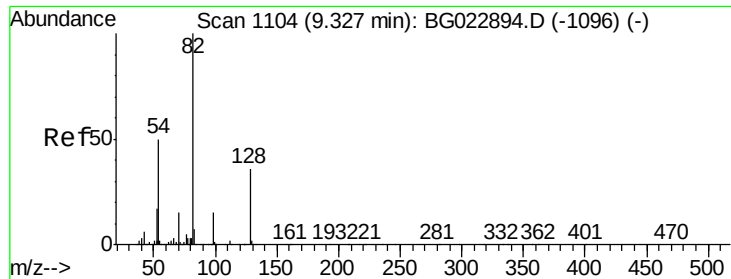
Tgt Ion: 136 Resp: 468036

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	8.5	7.3	10.9
68	7.0	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

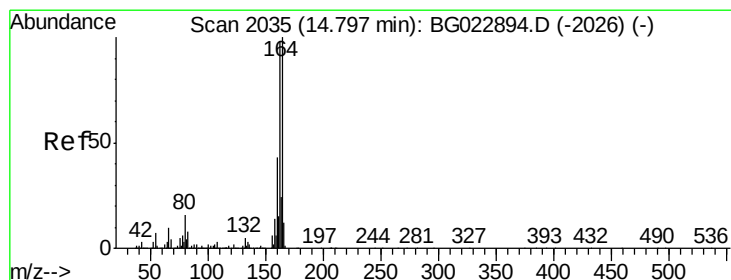
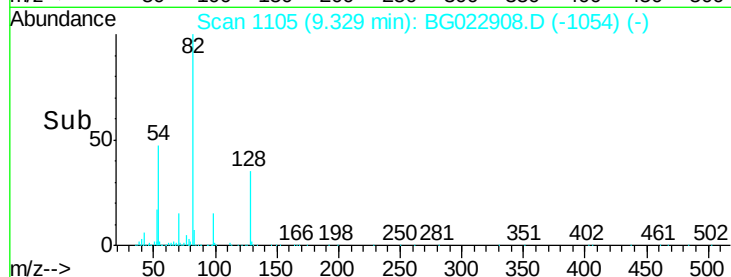
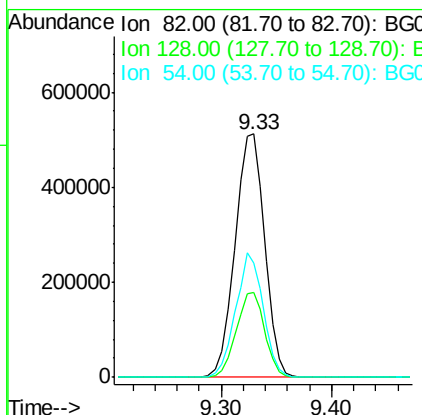
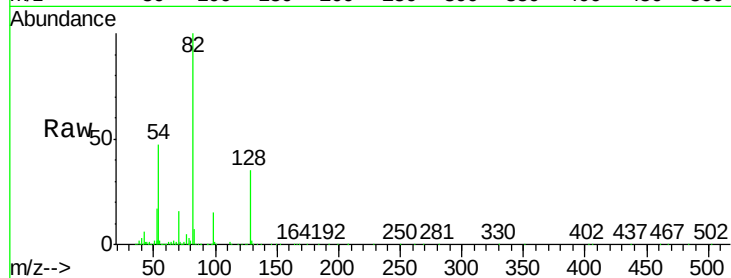




#23
 Nitrobenzene-d5
 Concen: 88.30 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BG022908.D
 Acq: 7 Jul 2016 23:23

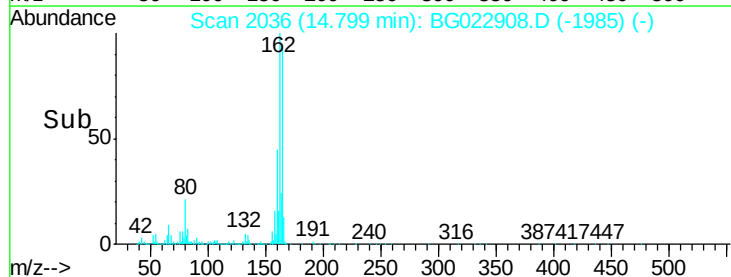
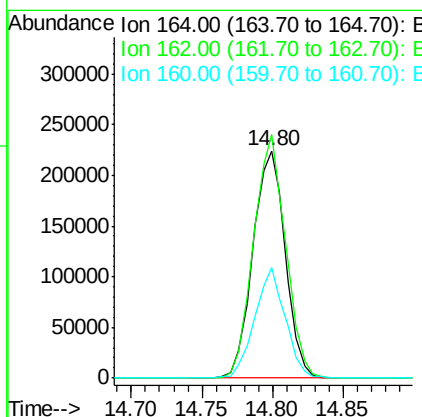
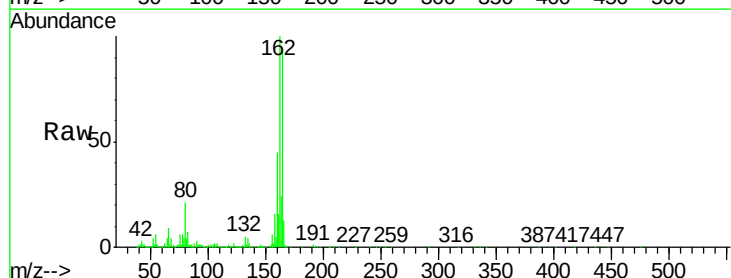
Instrument :
 BNA_G
 ClientSampleId :
 MW-3

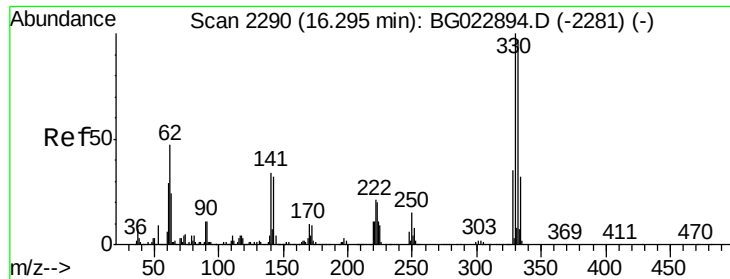
Tot Ion	82	Resp	965213
Ion Ratio	Lower	Upper	
82	100		
128	34.6	24.4	36.6
54	46.7	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BG022908.D
 Acq: 7 Jul 2016 23:23

Tgt Ion	164	Resp	360374
Ion Ratio	Lower	Upper	
164	100		
162	107.1	87.7	131.5
160	48.6	37.2	55.8

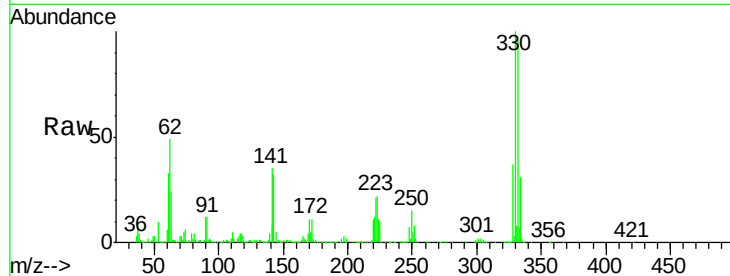




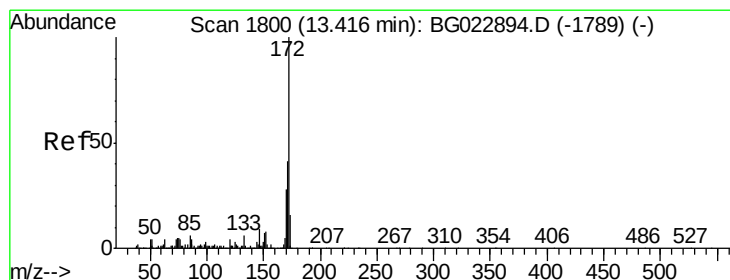
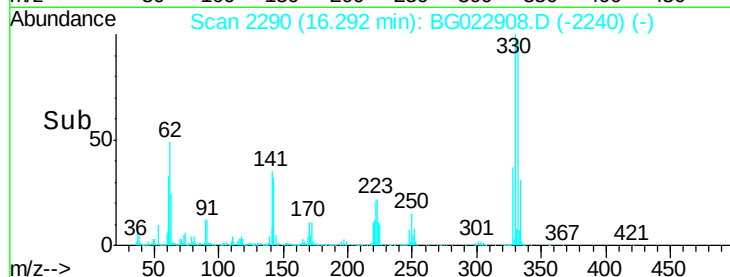
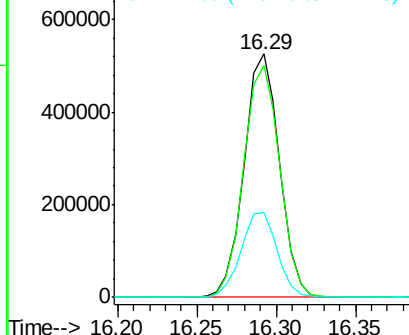
#41
 2,4,6-Tribromophenol
 Concen: 125.64 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022908.D
 Acq: 7 Jul 2016 23:23

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Tot Ion:330 Resp: 813721
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 35.8 31.7 47.5

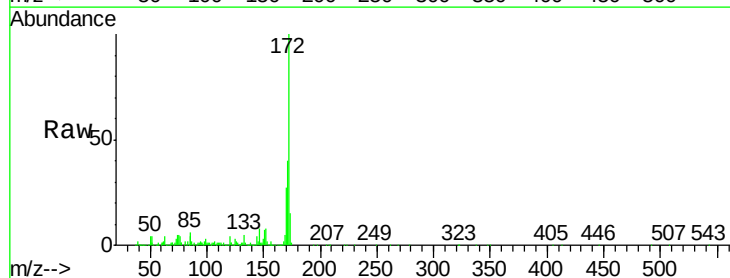


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

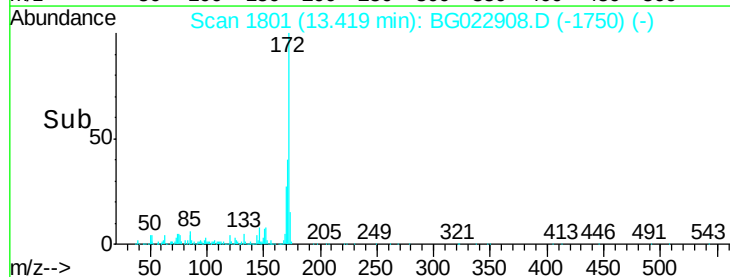
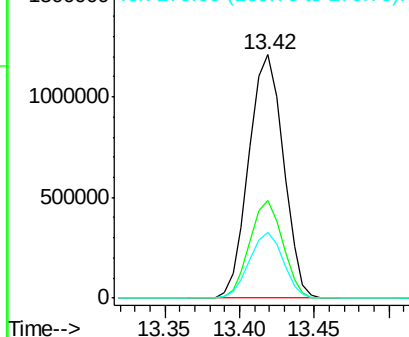


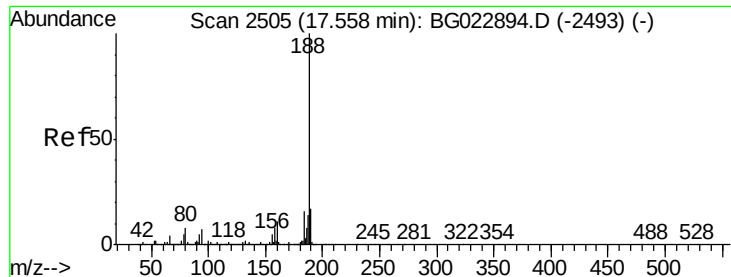
#44
 2-Fluorobiphenyl
 Concen: 84.70 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG022908.D
 Acq: 7 Jul 2016 23:23

Tgt Ion:172 Resp: 1937744
 Ion Ratio Lower Upper
 172 100
 171 40.4 31.6 47.4
 170 27.0 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

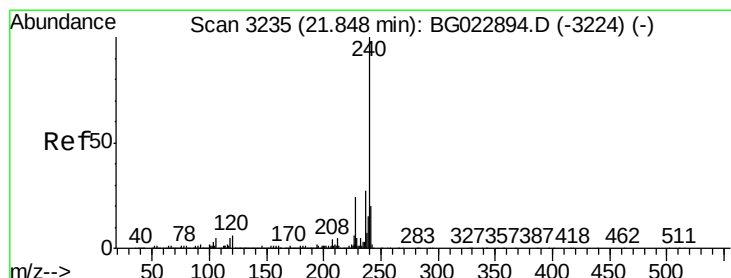
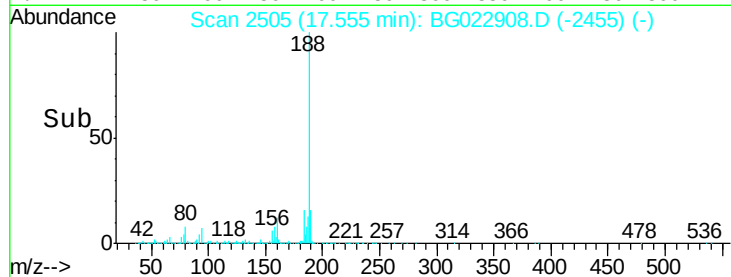
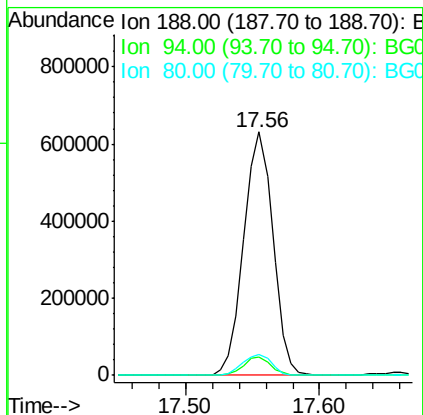
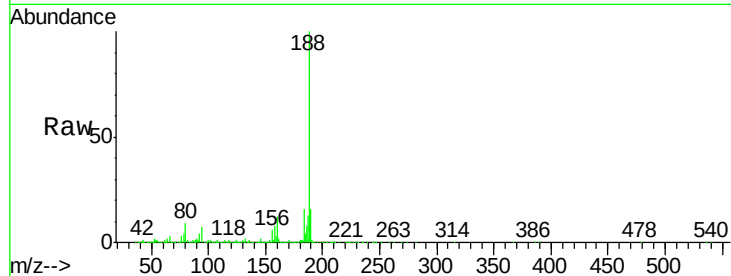




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG022908.D
Acq: 7 Jul 2016 23:23

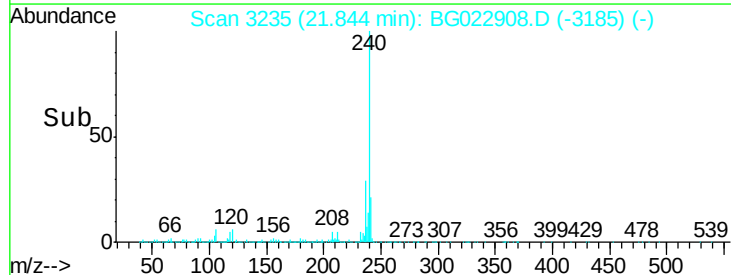
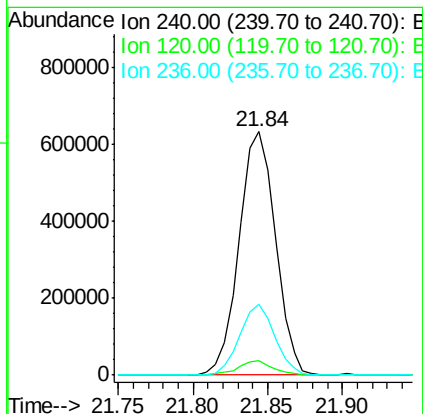
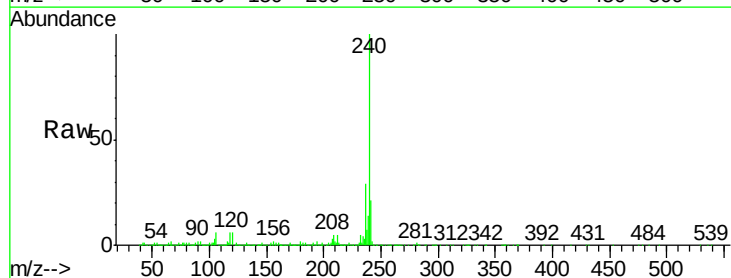
Instrument :
BNA_G
ClientSampleId :
MW-3

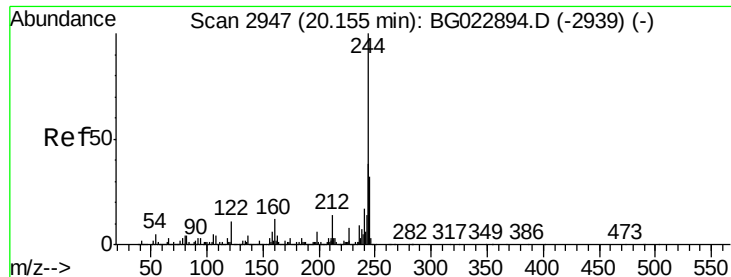
Tot Ion:188 Resp: 953646
Ion Ratio Lower Upper
188 100
94 7.4 5.2 7.8
80 8.5 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022908.D
Acq: 7 Jul 2016 23:23

Tgt Ion:240 Resp: 1068436
Ion Ratio Lower Upper
240 100
120 5.9 4.1 6.1
236 28.8 21.1 31.7





#78

Terphenyl-d14

Concen: 90.88 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022908.D

Acq: 7 Jul 2016 23:23

Instrument :

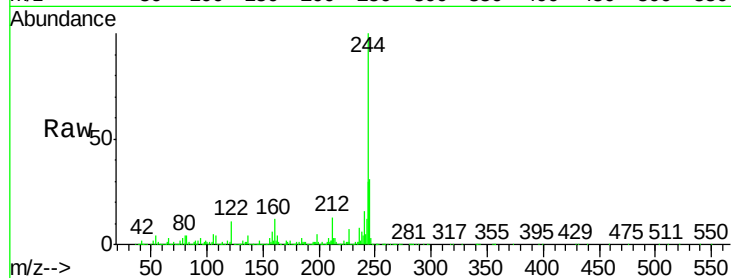
BNA_G

ClientSampleId :

MW-3

Tot Ion:244 Resp: 2982025

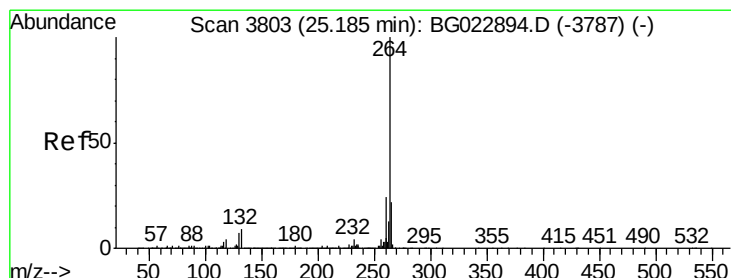
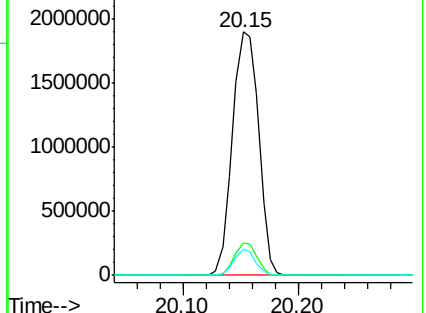
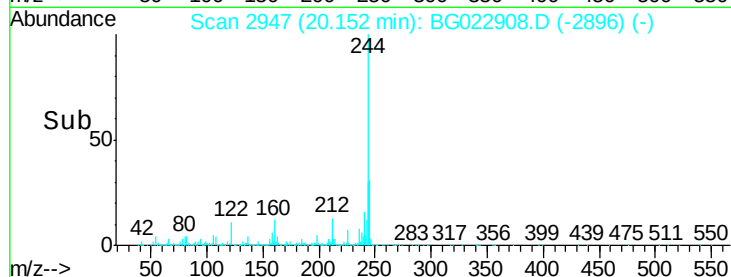
Ion	Ratio	Lower	Upper
244	100		
212	13.1	10.8	16.2
122	10.9	8.0	12.0



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: 25.19 min Scan# 3805

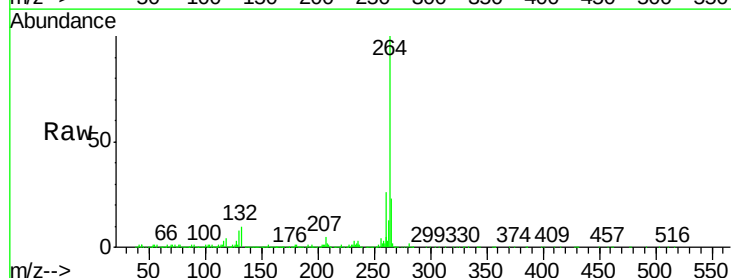
Delta R.T. 0.01 min

Lab File: BG022908.D

Acq: 7 Jul 2016 23:23

Tgt Ion:264 Resp: 1099196

Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.4	27.6
265	23.0	18.9	28.3



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

