

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022912.D
 Acq On : 8 Jul 2016 2:03
 Operator : UM/SJ
 Sample : H3834-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUPLICATE

Quant Time: Jul 08 04:33:51 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	111901	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	497898	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	394427	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	972805	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1042054	20.00	ng	0.00
86) Perylene-d12	25.20	264	1095506	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	436356	63.78	ng	0.00
7) Phenol-d6	7.31	99	456595	42.61	ng	0.00
23) Nitrobenzene-d5	9.33	82	999973	86.00	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	878505	123.93	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2077354	82.96	ng	0.00
78) Terphenyl-d14	20.16	244	2872495	89.01	ng	0.00

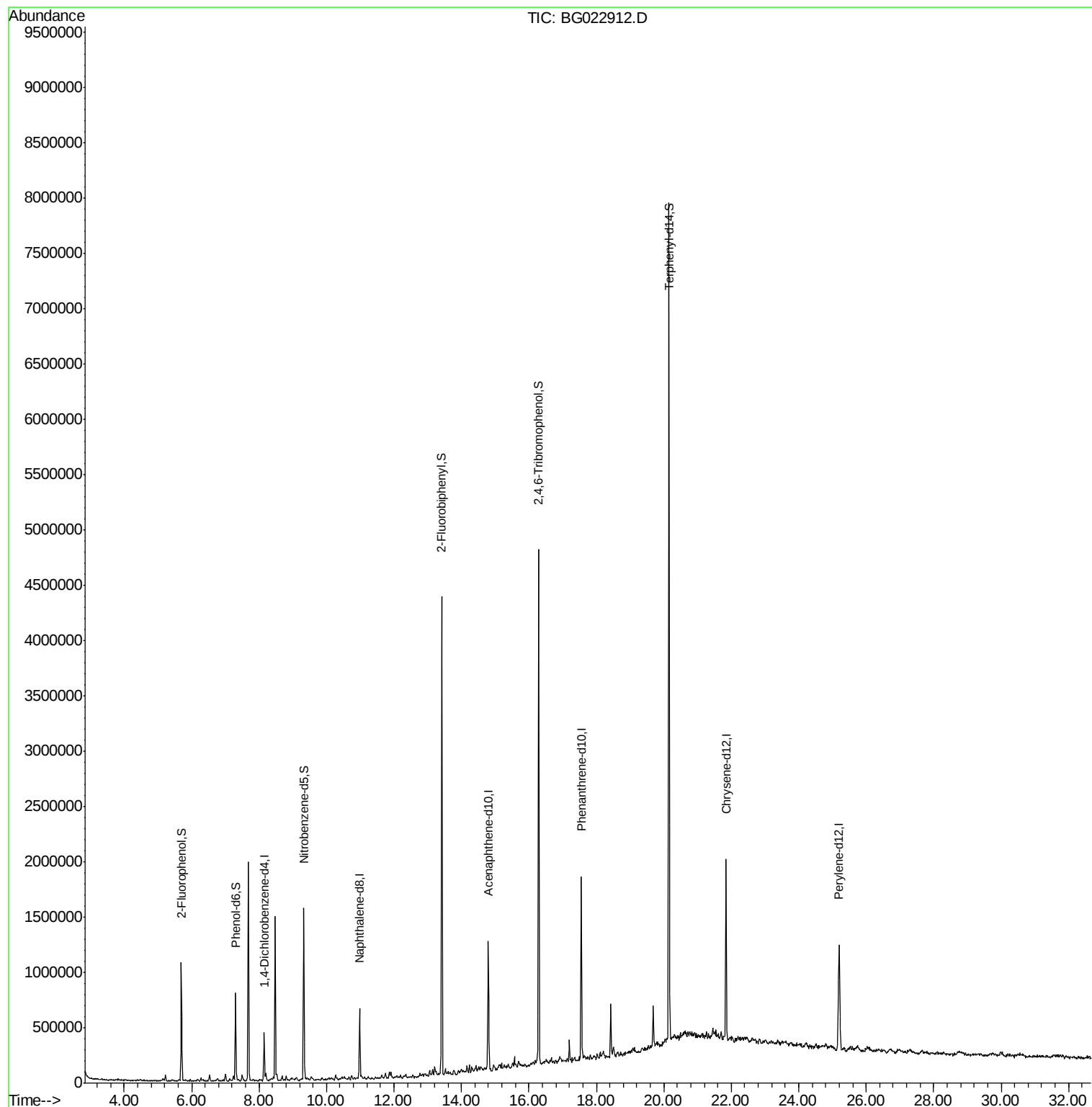
Target Compounds Qvalue

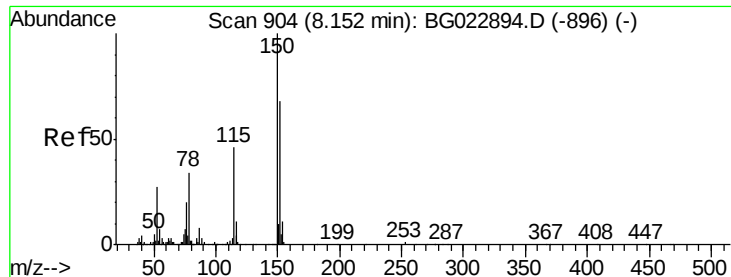
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022912.D
Acq On : 8 Jul 2016 2:03
Operator : UM/SJ
Sample : H3834-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUPLICATE

Quant Time: Jul 08 04:33:51 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



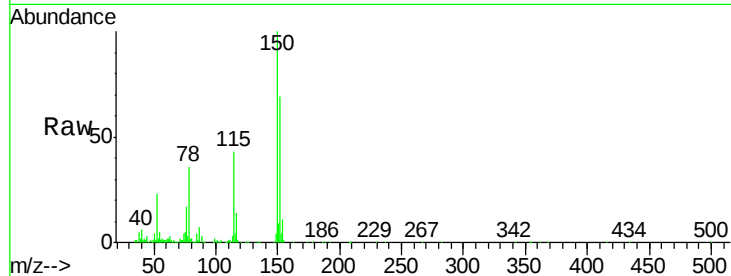


#1

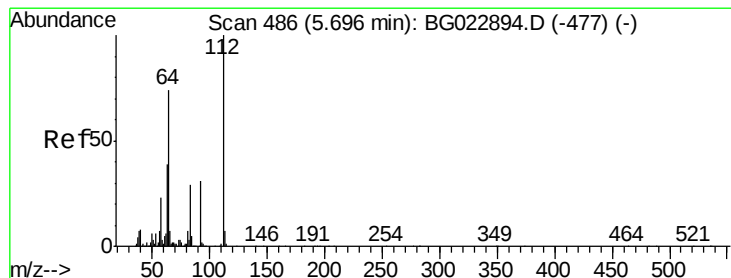
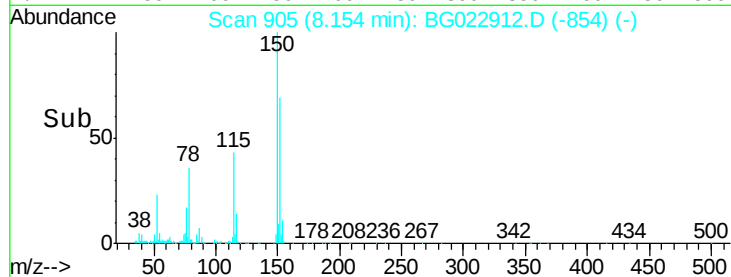
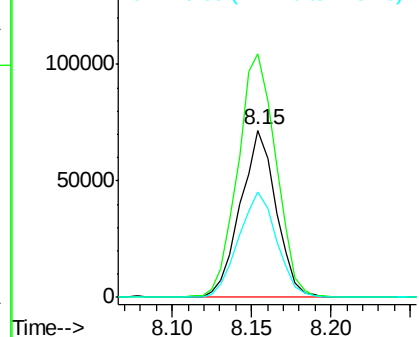
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG022912.D
Acq: 8 Jul 2016 2:03

Instrument :
BNA_G
ClientSampleId :
DUPLICATE

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	144.7	217.1
115	63.0	64.0	96.0



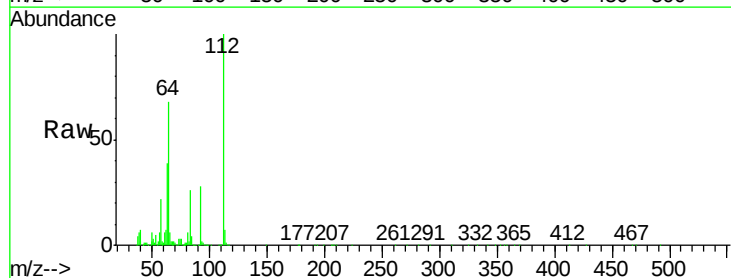
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



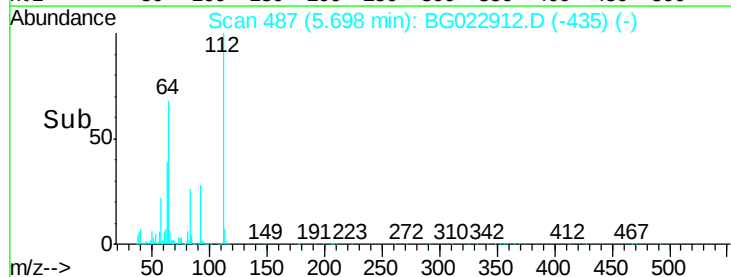
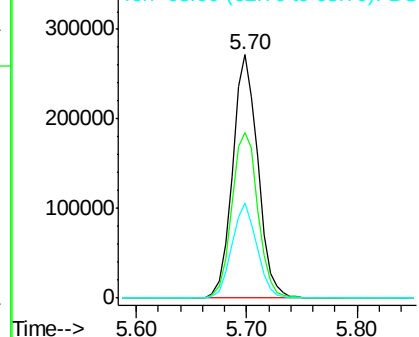
#5

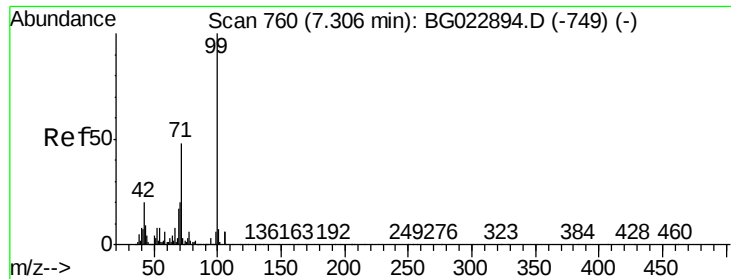
2-Fluorophenol
Concen: 63.78 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG022912.D
Acq: 8 Jul 2016 2:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	59.0	88.4
63	39.2	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: 42.61 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022912.D

Acq: 8 Jul 2016 2:03

Instrument :

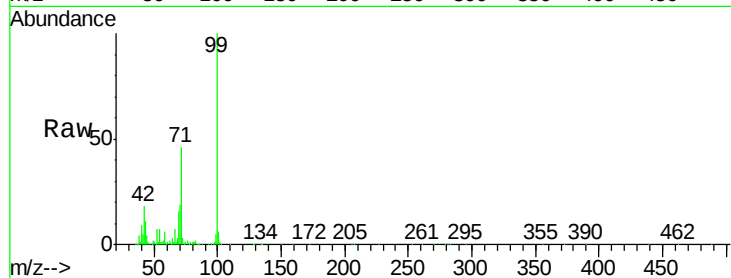
BNA_G

ClientSampleId :

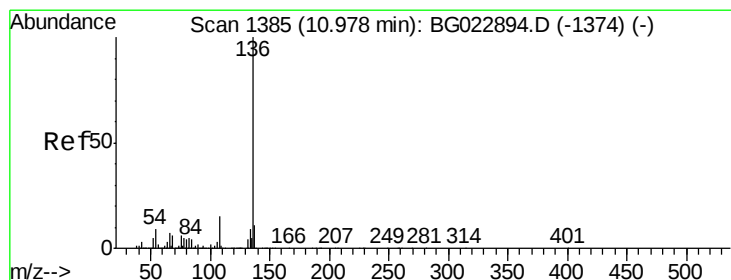
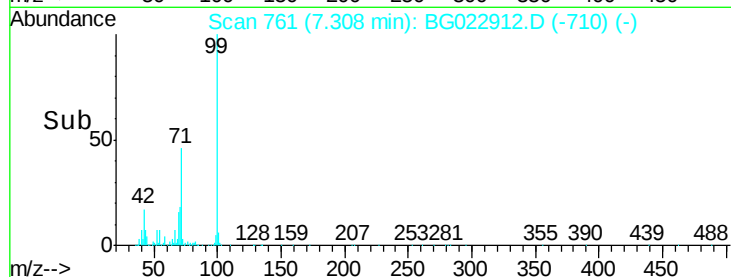
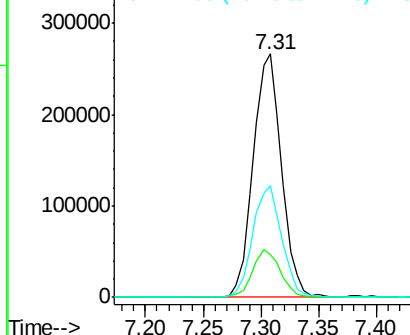
DUPLICATE

Tot Ion: 99 Resp: 456595

Ion	Ratio	Lower	Upper
99	100		
42	17.6	17.8	26.6#
71	46.1	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

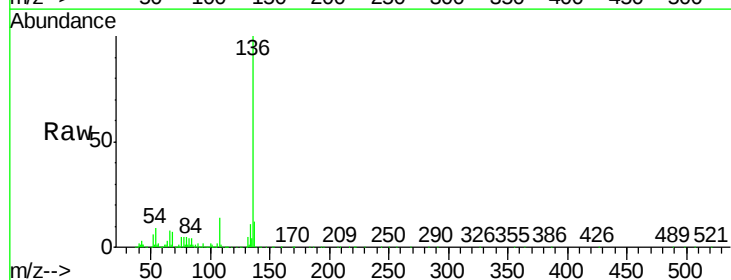
Delta R.T. 0.00 min

Lab File: BG022912.D

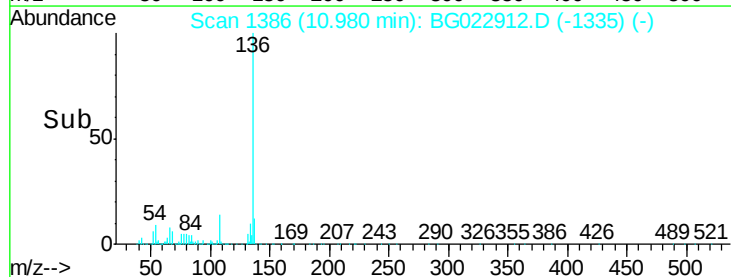
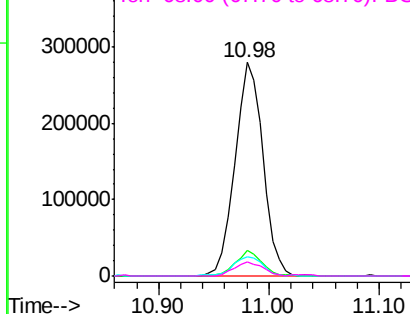
Acq: 8 Jul 2016 2:03

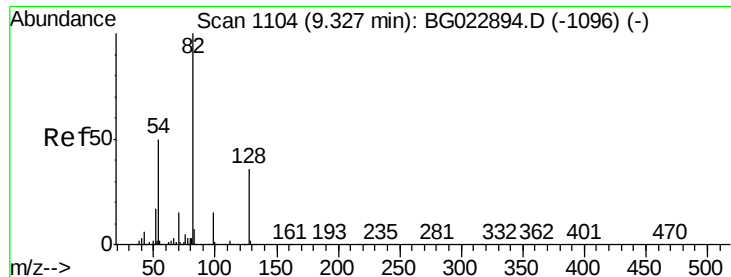
Tgt Ion: 136 Resp: 497898

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	9.0	7.3	10.9
68	6.6	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: 86.00 ng

RT: 9.33 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BG022912.D

Acq: 8 Jul 2016 2:03

Instrument :

BNA_G

ClientSampleId :

DUPLICATE

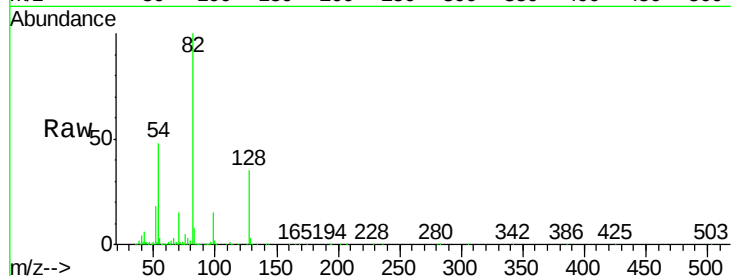
Tot Ion: 82 Resp: 999973

Ion Ratio Lower Upper

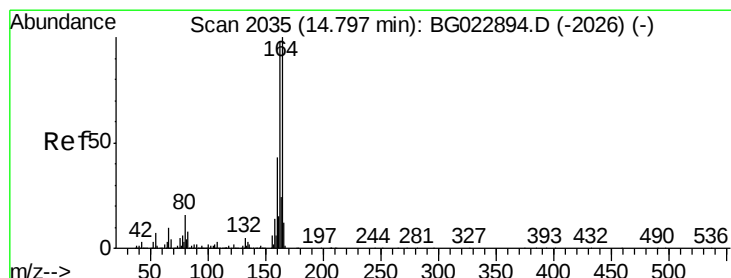
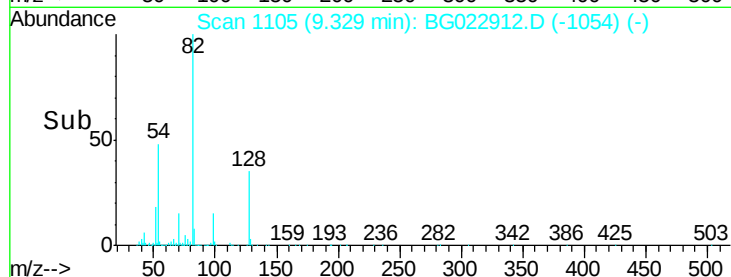
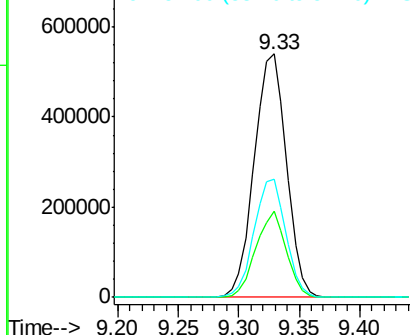
82 100

128 35.3 24.4 36.6

54 48.3 41.4 62.0



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: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG022912.D

Acq: 8 Jul 2016 2:03

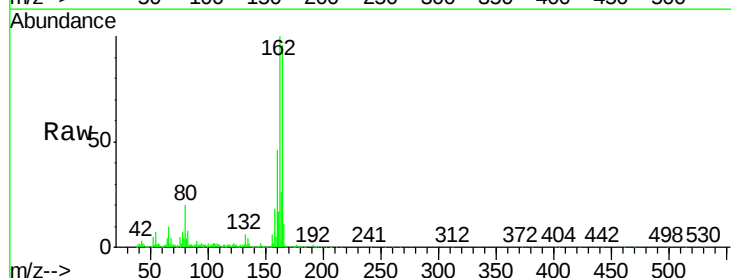
Tgt Ion:164 Resp: 394427

Ion Ratio Lower Upper

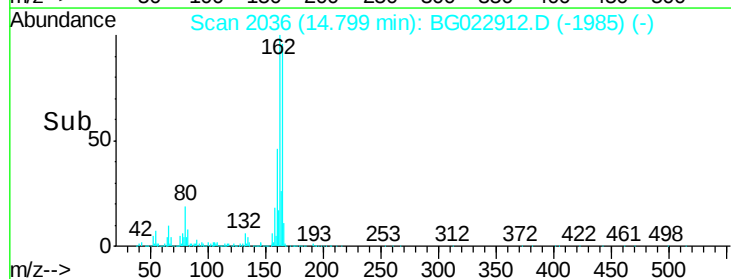
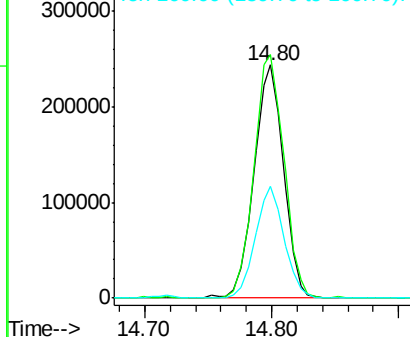
164 100

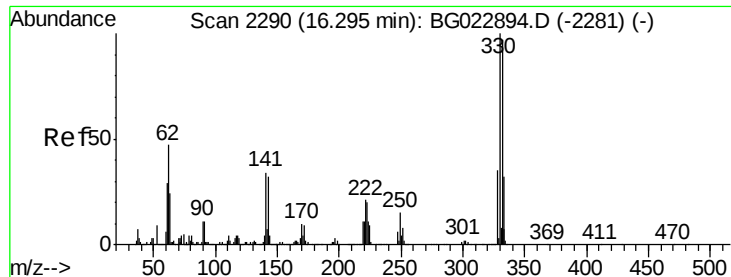
162 104.4 87.7 131.5

160 48.2 37.2 55.8



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

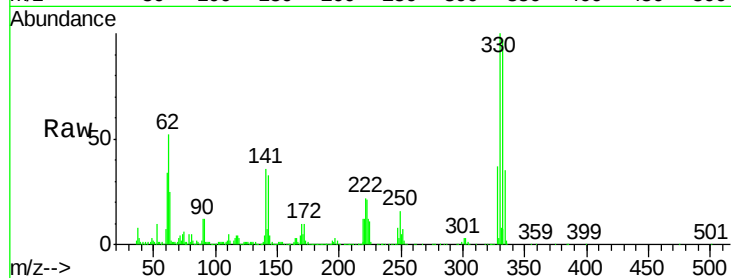




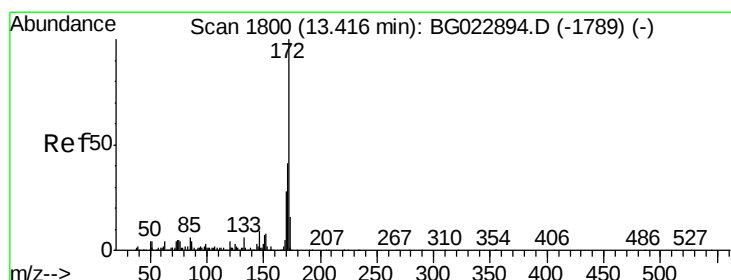
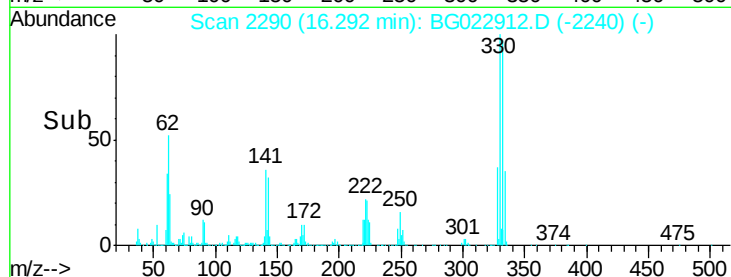
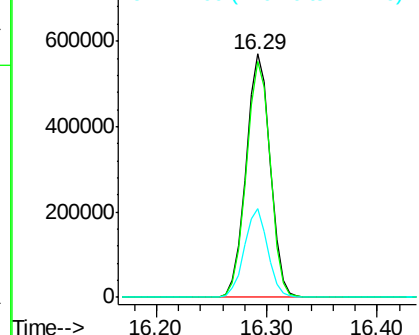
#41
 2,4,6-Tribromophenol
 Concen: 123.93 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022912.D
 Acq: 8 Jul 2016 2:03

Instrument :
 BNA_G
 ClientSampleId :
 DUPLICATE

Tot Ion:330 Resp: 878505
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 35.1 31.7 47.5

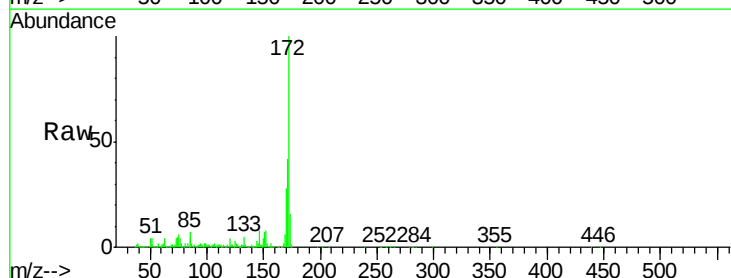


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

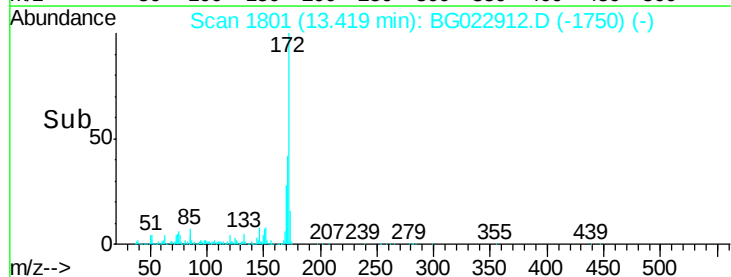
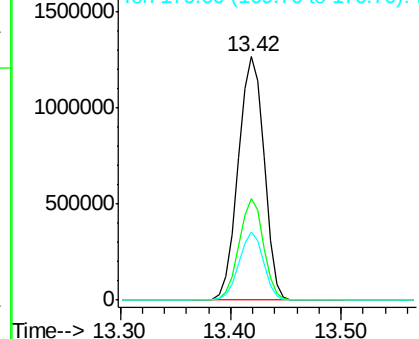


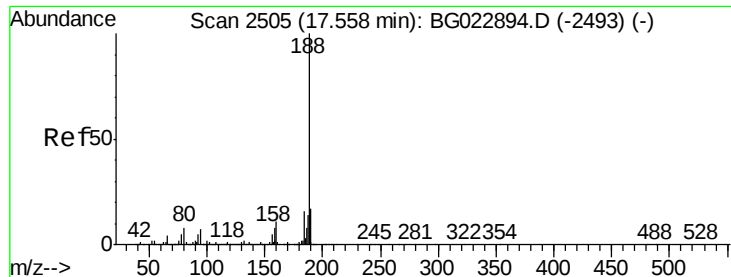
#44
 2-Fluorobiphenyl
 Concen: 82.96 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG022912.D
 Acq: 8 Jul 2016 2:03

Tgt Ion:172 Resp: 2077354
 Ion Ratio Lower Upper
 172 100
 171 41.7 31.6 47.4
 170 27.9 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

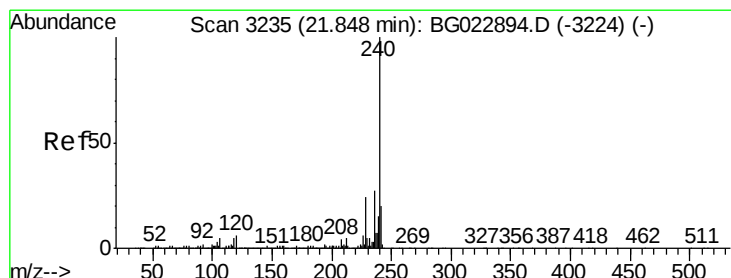
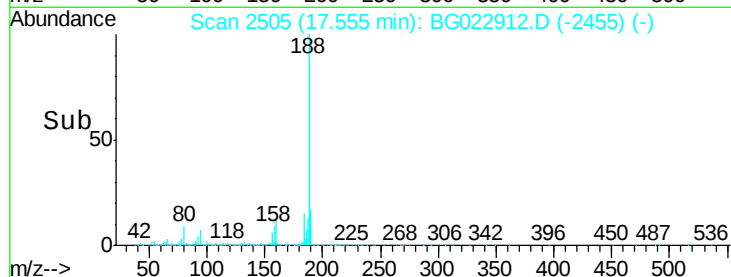
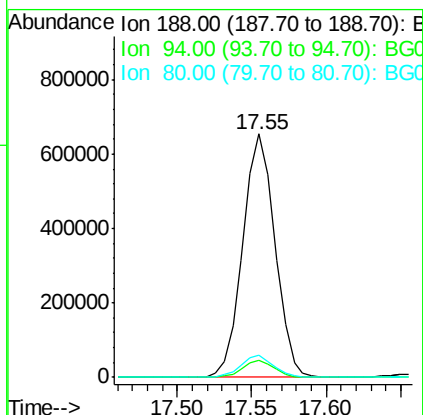
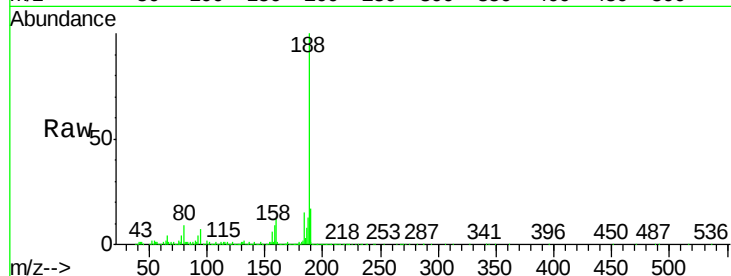




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG022912.D
Acq: 8 Jul 2016 2:03

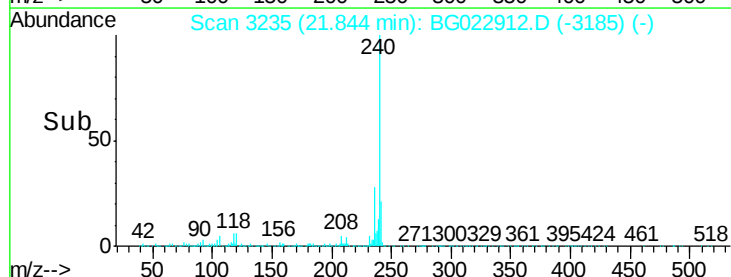
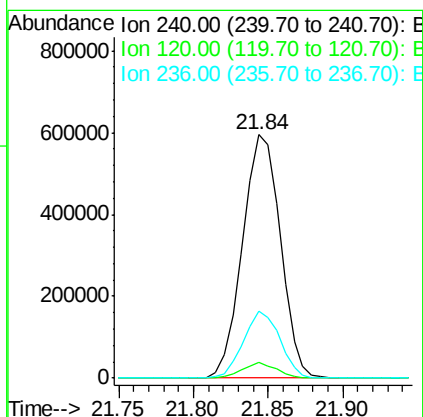
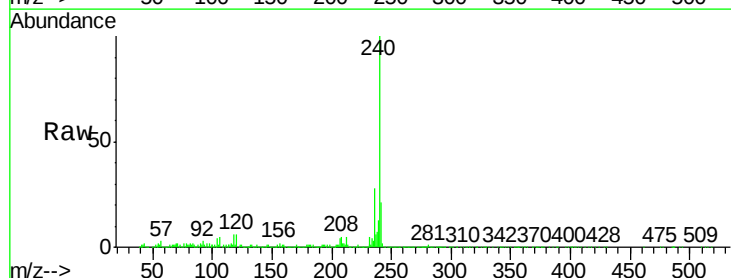
Instrument :
BNA_G
ClientSampleId :
DUPLICATE

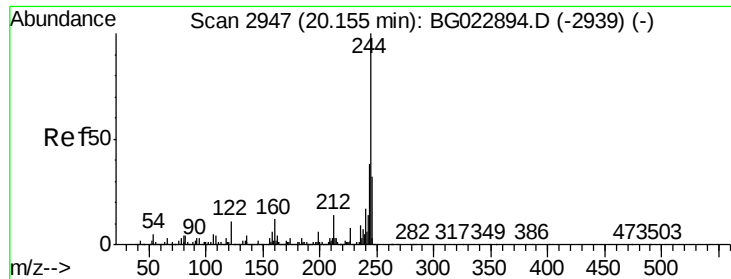
Tot Ion:188 Resp: 972805
Ion Ratio Lower Upper
188 100
94 6.8 5.2 7.8
80 9.3 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022912.D
Acq: 8 Jul 2016 2:03

Tgt Ion:240 Resp: 1042054
Ion Ratio Lower Upper
240 100
120 6.3 4.1 6.1#
236 27.5 21.1 31.7





#78

Terphenyl-d14

Concen: 89.01 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG022912.D

Acq: 8 Jul 2016 2:03

Instrument :

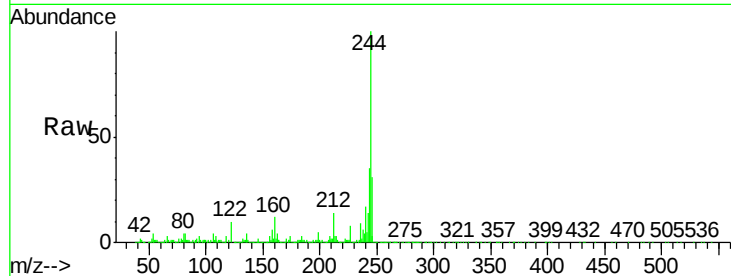
BNA_G

ClientSampleId :

DUPLICATE

Tot Ion:244 Resp: 2872495

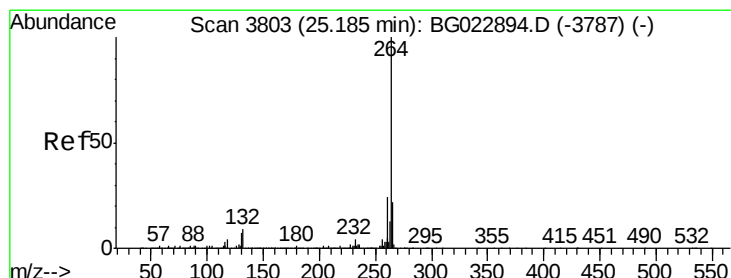
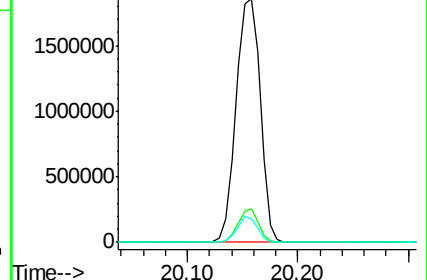
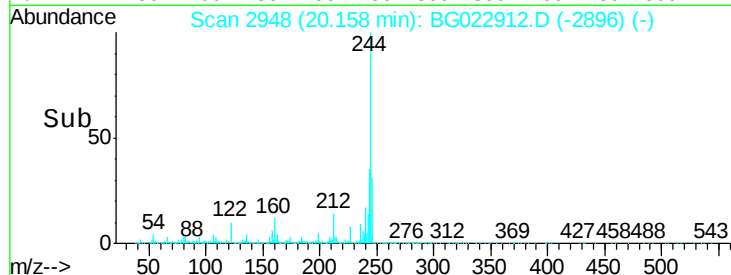
Ion	Ratio	Lower	Upper
244	100		
212	14.0	10.8	16.2
122	9.7	8.0	12.0



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: 25.20 min Scan# 3806

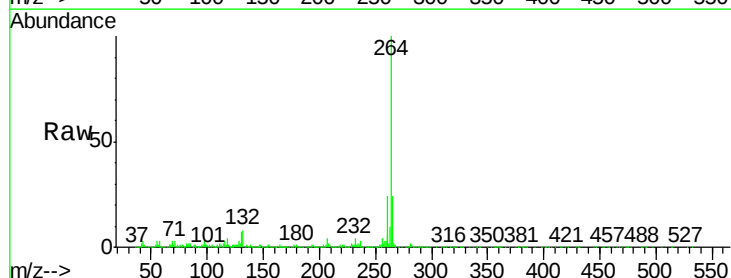
Delta R.T. 0.01 min

Lab File: BG022912.D

Acq: 8 Jul 2016 2:03

Tgt Ion:264 Resp: 1095506

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	23.7	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

