

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042115\
 Data File : BG016603.D
 Acq On : 22 Apr 2015 4:31
 Operator : TP/IZ
 Sample : G1937-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TRC-MW2

Quant Time: Apr 22 05:27:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 02:10:07 2015
 Response via : Initial Calibration

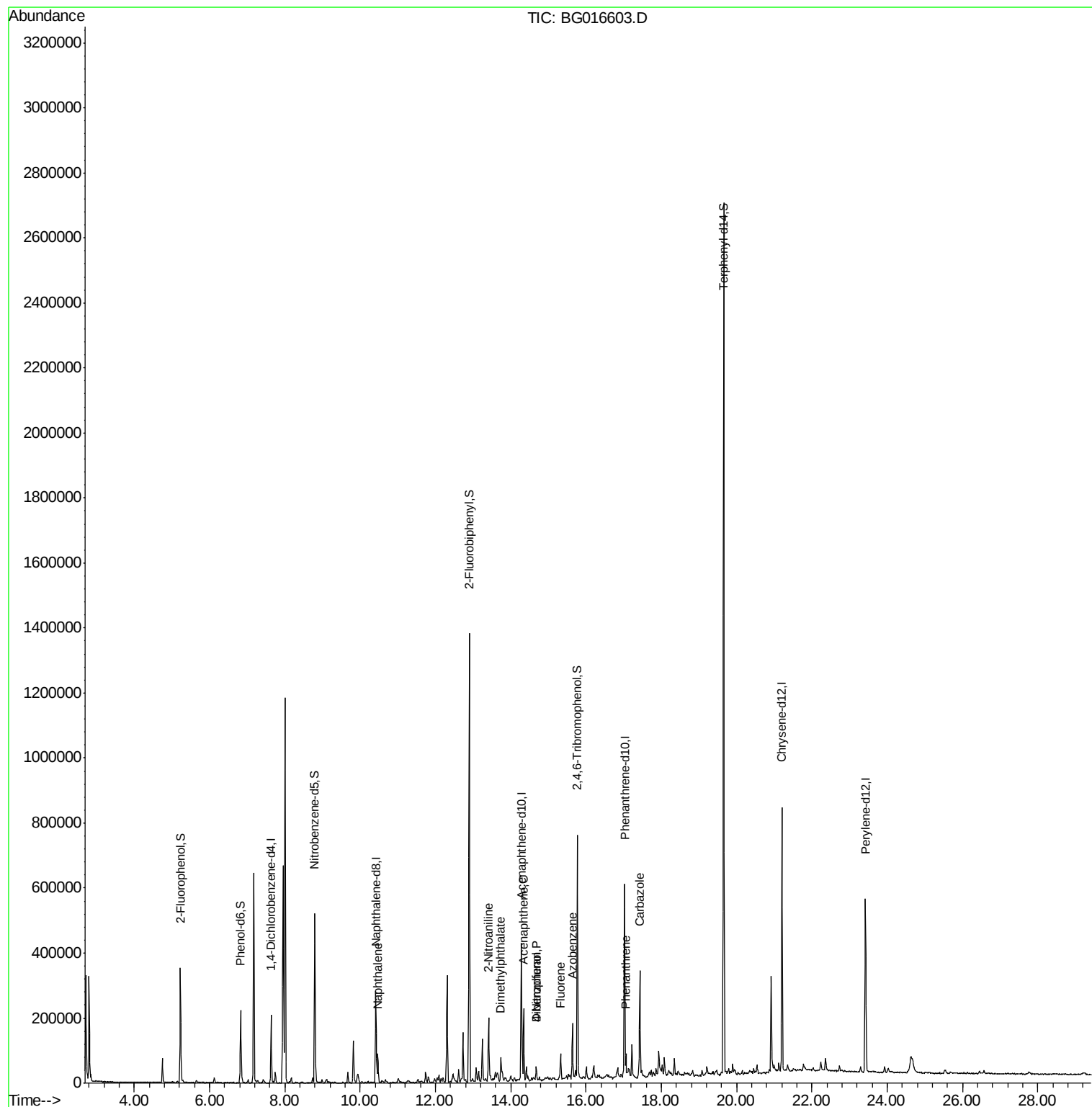
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	57276	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	239107	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	133465	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	295651	20.00	ng	0.00
75) Chrysene-d12	21.21	240	328409	20.00	ng	0.00
86) Perylene-d12	23.42	264	302289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	169710	47.49	ng	0.00
7) Phenol-d6	6.82	99	151260	30.30	ng	0.00
23) Nitrobenzene-d5	8.79	82	299675	77.17	ng	0.00
41) 2,4,6-Tribromophenol	15.77	330	98733	108.92	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	661857	82.13	ng	0.00
78) Terphenyl-d14	19.66	244	1010533	74.13	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.47	128	76524	6.13	ng	99
47) 2-Nitroaniline	13.41	65	5152	2.24	ng	# 13
49) Dimethylphthalate	13.74	163	45435	4.60	ng	100
51) Acenaphthene	14.34	154	79437	9.53	ng	99
54) Dibenzofuran	14.68	168	24467	2.08	ng	100
55) 4-Nitrophenol	14.68	139	9031	3.99	ng	# 22
57) Fluorene	15.33	166	35434	3.43	ng	99
62) Azobenzene	15.64	77	41612	4.26	ng	# 1
70) Phenanthrene	17.06	178	35463	2.11	ng	99
72) Carbazole	17.43	167	200567	11.75	ng	97

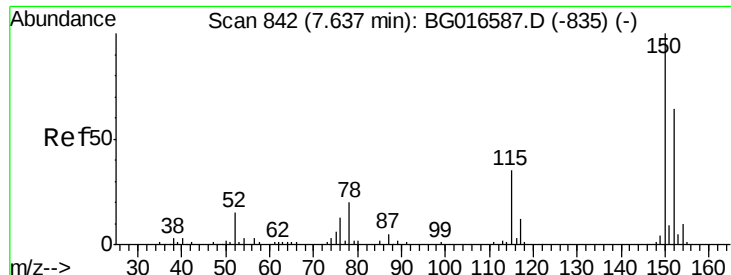
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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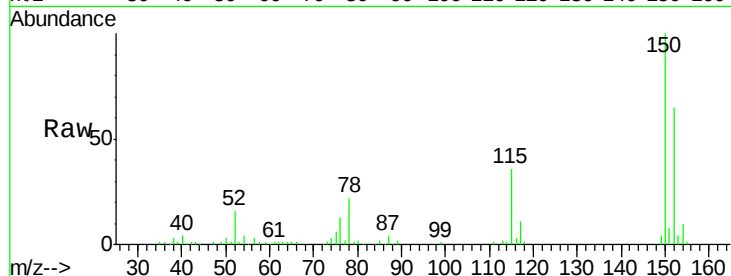


#1

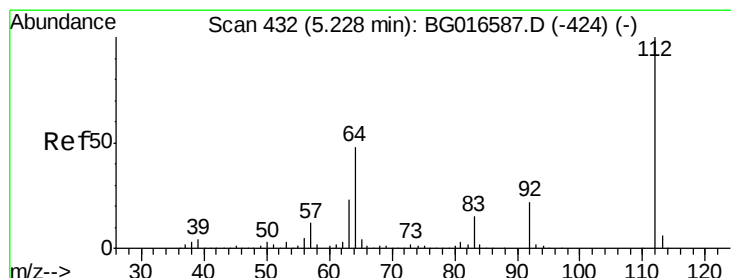
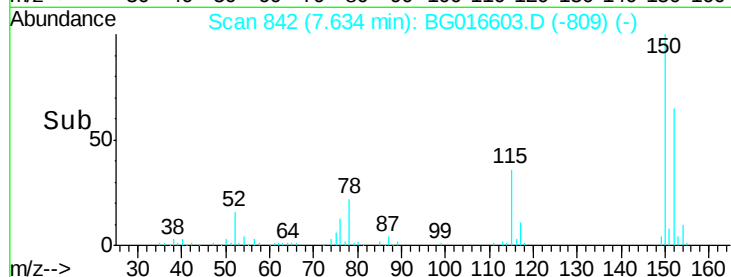
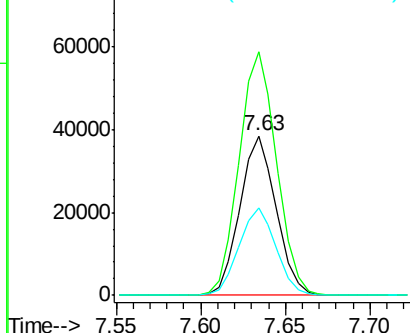
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.63 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG016603.D
 Acq: 22 Apr 2015 4:31

Instrument :
 BNA_G
 ClientSampleId :
 TRC-MW2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.8	125.5	188.3
115	54.6	44.5	66.7



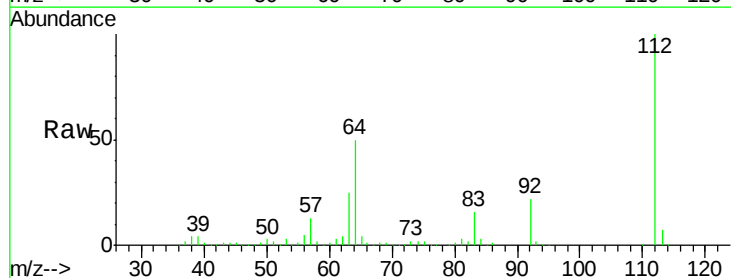
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



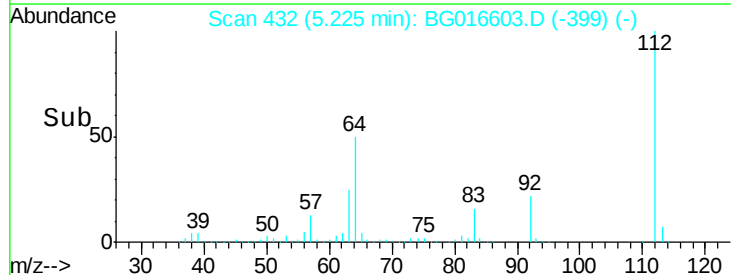
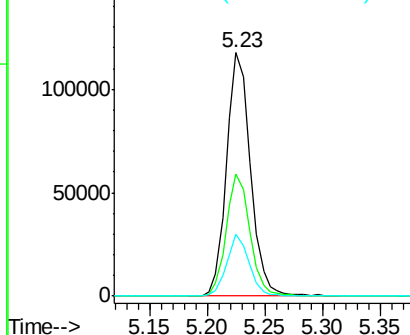
#5

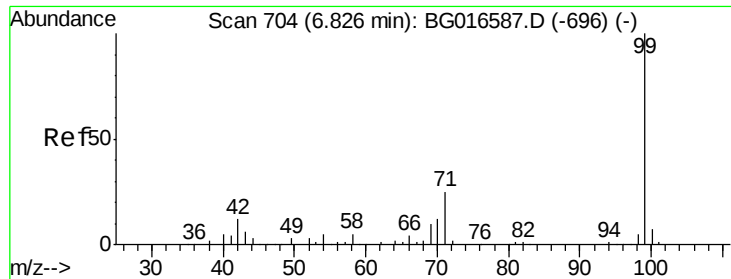
2-Fluorophenol
 Concen: 47.49 ng
 RT: 5.23 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BG016603.D
 Acq: 22 Apr 2015 4:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.3	38.5	57.7
63	25.3	18.2	27.4



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: 30.30 ng

RT: 6.82 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG016603.D

Acq: 22 Apr 2015 4:31

Instrument :

BNA_G

ClientSampleId :

TRC-MW2

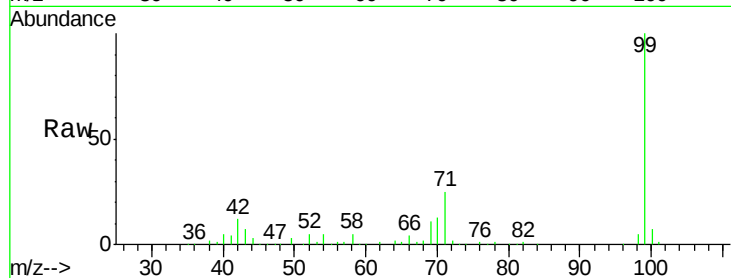
Tgt Ion: 99 Resp: 151260

Ion Ratio Lower Upper

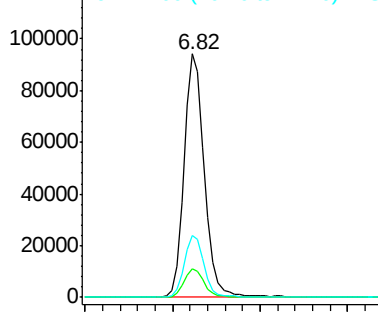
99 100

42 11.9 9.5 14.3

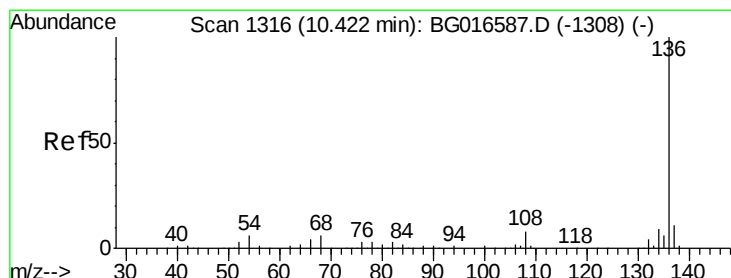
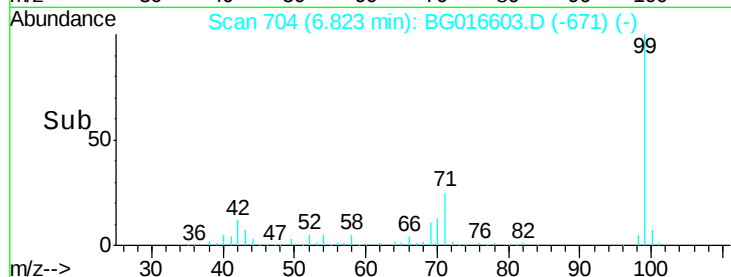
71 25.4 20.2 30.2



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



Time--> 6.70 6.80 6.90 7.00



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.42 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG016603.D

Acq: 22 Apr 2015 4:31

Tgt Ion: 136 Resp: 239107

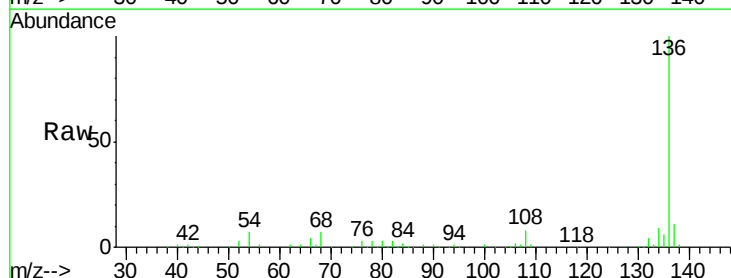
Ion Ratio Lower Upper

136 100

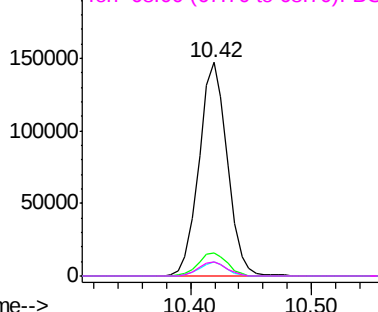
137 10.9 8.8 13.2

54 6.5 4.9 7.3

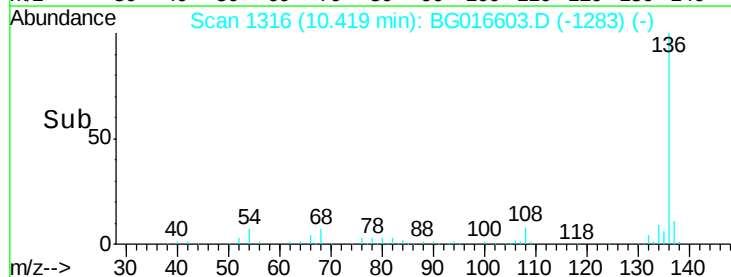
68 6.8 4.9 7.3

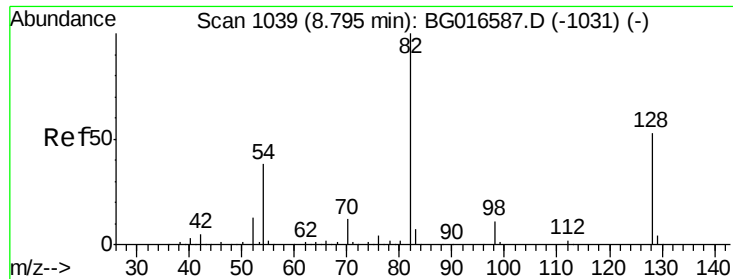


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time--> 10.40 10.50

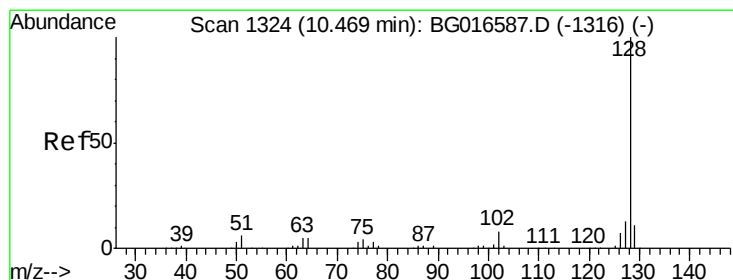
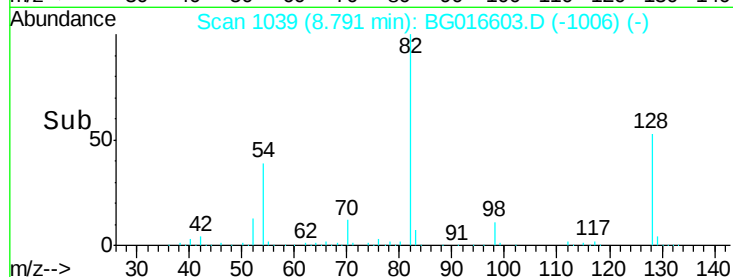
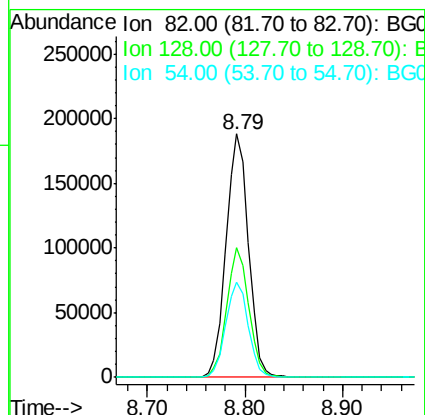
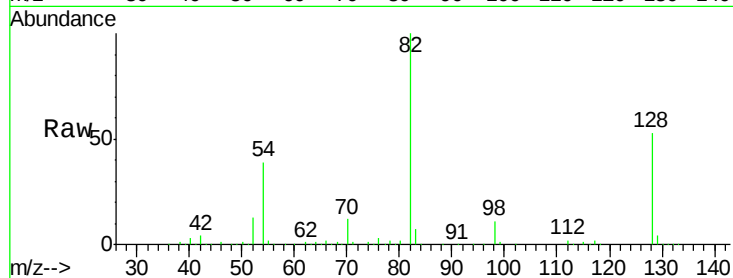




#23
Nitrobenzene-d5
Concen: 77.17 ng
RT: 8.79 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG016603.D
Acq: 22 Apr 2015 4:31

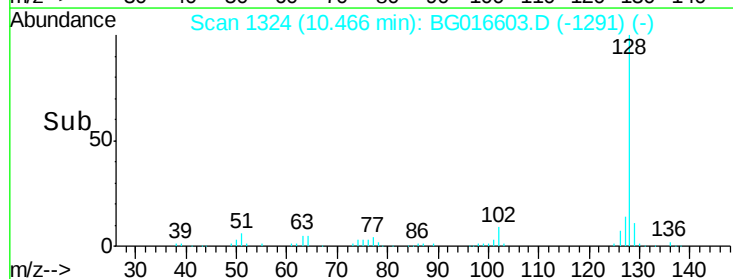
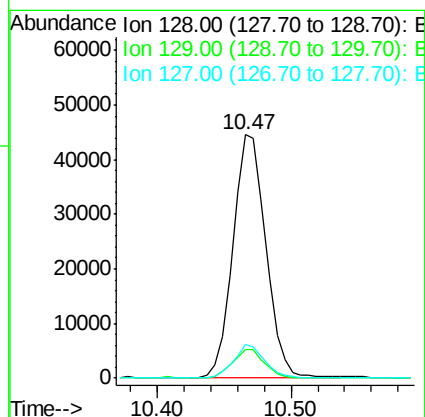
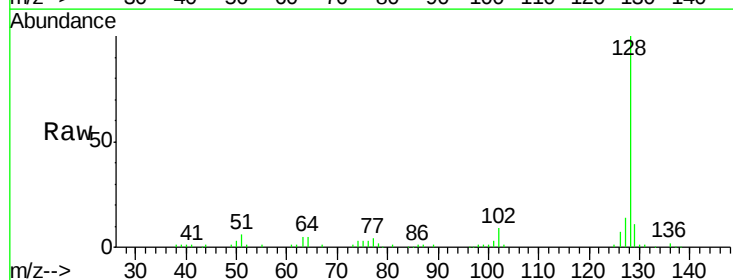
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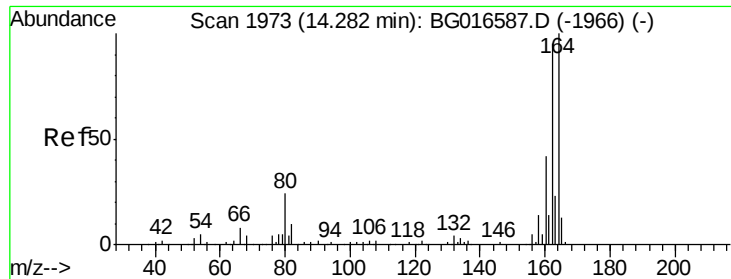
Tgt Ion: 82 Resp: 299675
Ion Ratio Lower Upper
82 100
128 53.4 42.7 64.1
54 39.0 30.6 45.8



#31
Naphthalene
Concen: 6.13 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG016603.D
Acq: 22 Apr 2015 4:31

Tgt Ion: 128 Resp: 76524
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 14.1 10.6 16.0

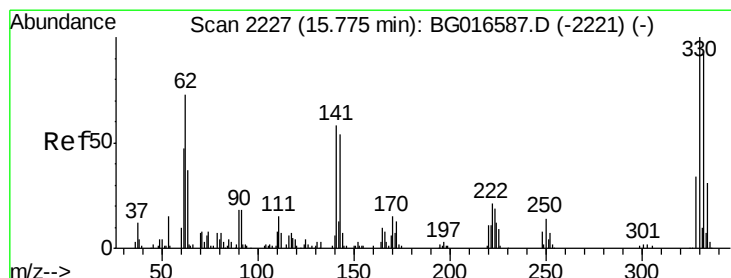
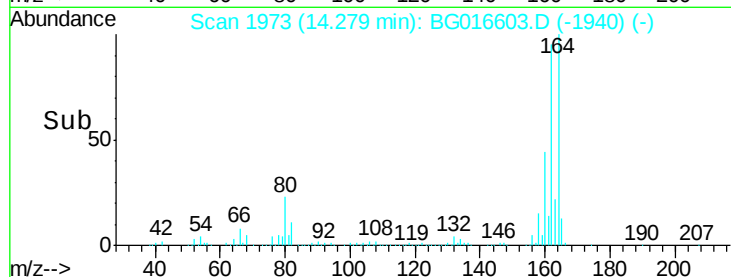
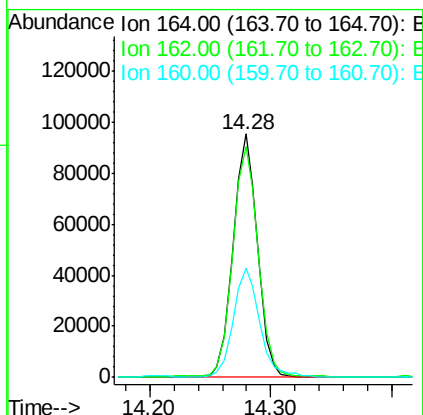
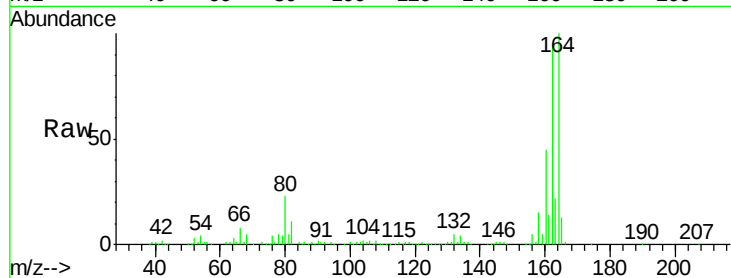




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.28 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG016603.D
Acq: 22 Apr 2015 4:31

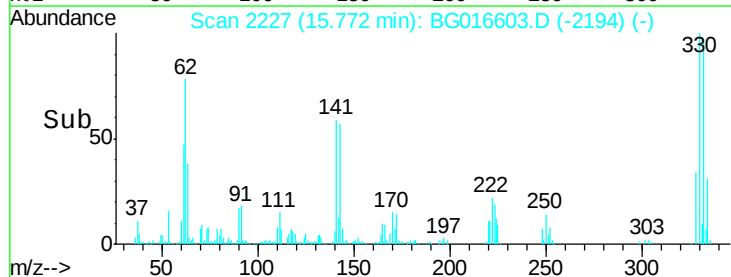
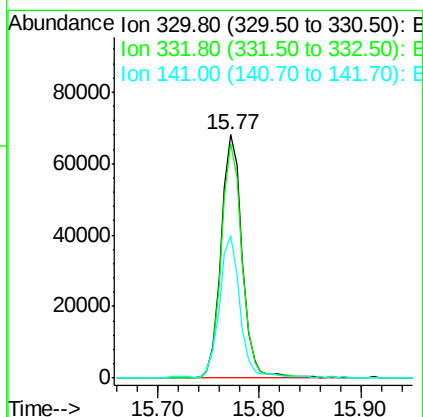
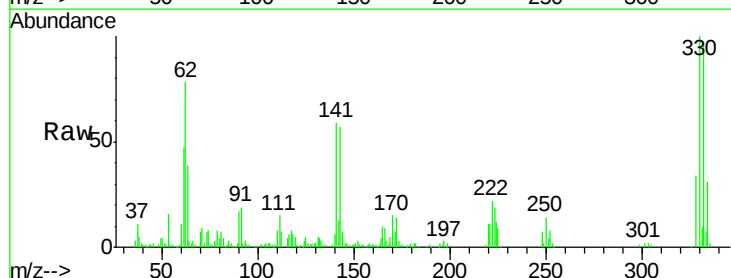
Instrument :
BNA_G
ClientSampleId :
TRC-MW2

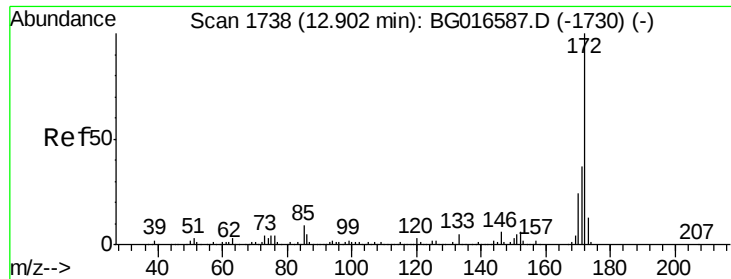
Tgt Ion:164 Resp: 133465
Ion Ratio Lower Upper
164 100
162 94.9 75.8 113.6
160 44.8 33.8 50.6



#41
2,4,6-Tribromophenol
Concen: 108.92 ng
RT: 15.77 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BG016603.D
Acq: 22 Apr 2015 4:31

Tgt Ion:330 Resp: 98733
Ion Ratio Lower Upper
330 100
332 95.3 76.6 114.8
141 56.3 45.9 68.9

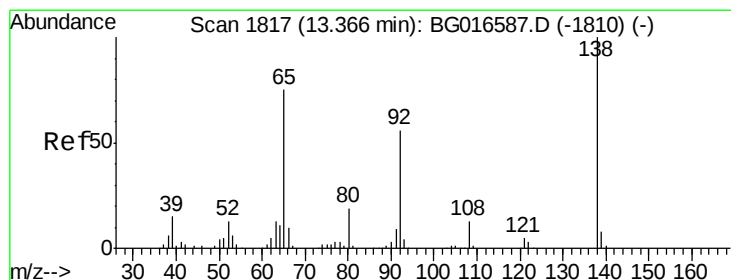
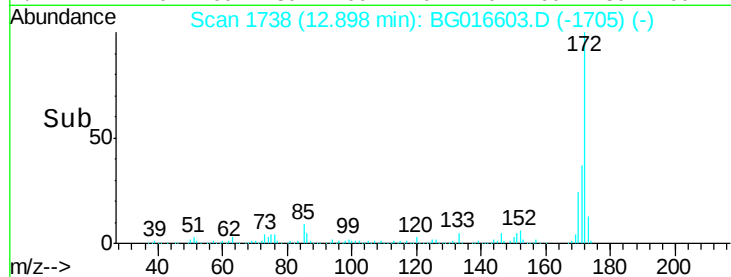
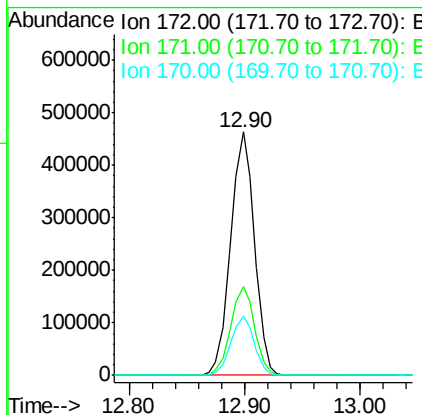
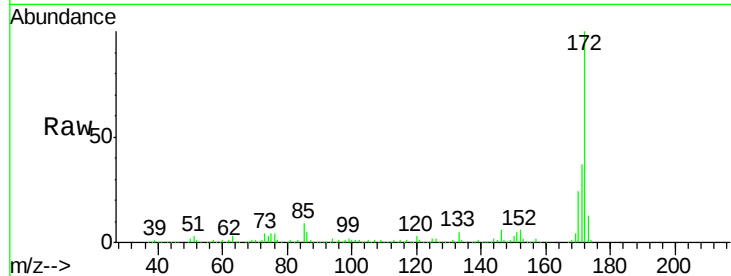




#44
 2-Fluorobiphenyl
 Concen: 82.13 ng
 RT: 12.90 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG016603.D
 Acq: 22 Apr 2015 4:31

Instrument :
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 ClientSampleId :
 TRC-MW2

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.1	19.4	29.0



#47
 2-Nitroaniline
 Concen: 2.24 ng
 RT: 13.41 min Scan# 1825
 Delta R.T. 0.04 min
 Lab File: BG016603.D
 Acq: 22 Apr 2015 4:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	39.2	60.3	90.5#
138	0.0	106.9	160.3#

