

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030548.D
 Acq On : 29 Oct 2017 5:21
 Operator : SJ/JU
 Sample : I6081-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:54:07 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	64864	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	274583	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	178920	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	488315	20.00	ng	-0.01
75) Chrysene-d12	21.80	240	558833	20.00	ng	0.00
86) Perylene-d12	25.10	264	553116	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	564715	145.44	ng	0.00
7) Phenol-d6	7.32	99	672447	123.38	ng	0.00
23) Nitrobenzene-d5	9.33	82	464445	107.49	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	415941	180.06	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1188530	97.43	ng	0.00
78) Terphenyl-d14	20.11	244	2242025	91.27	ng	-0.01

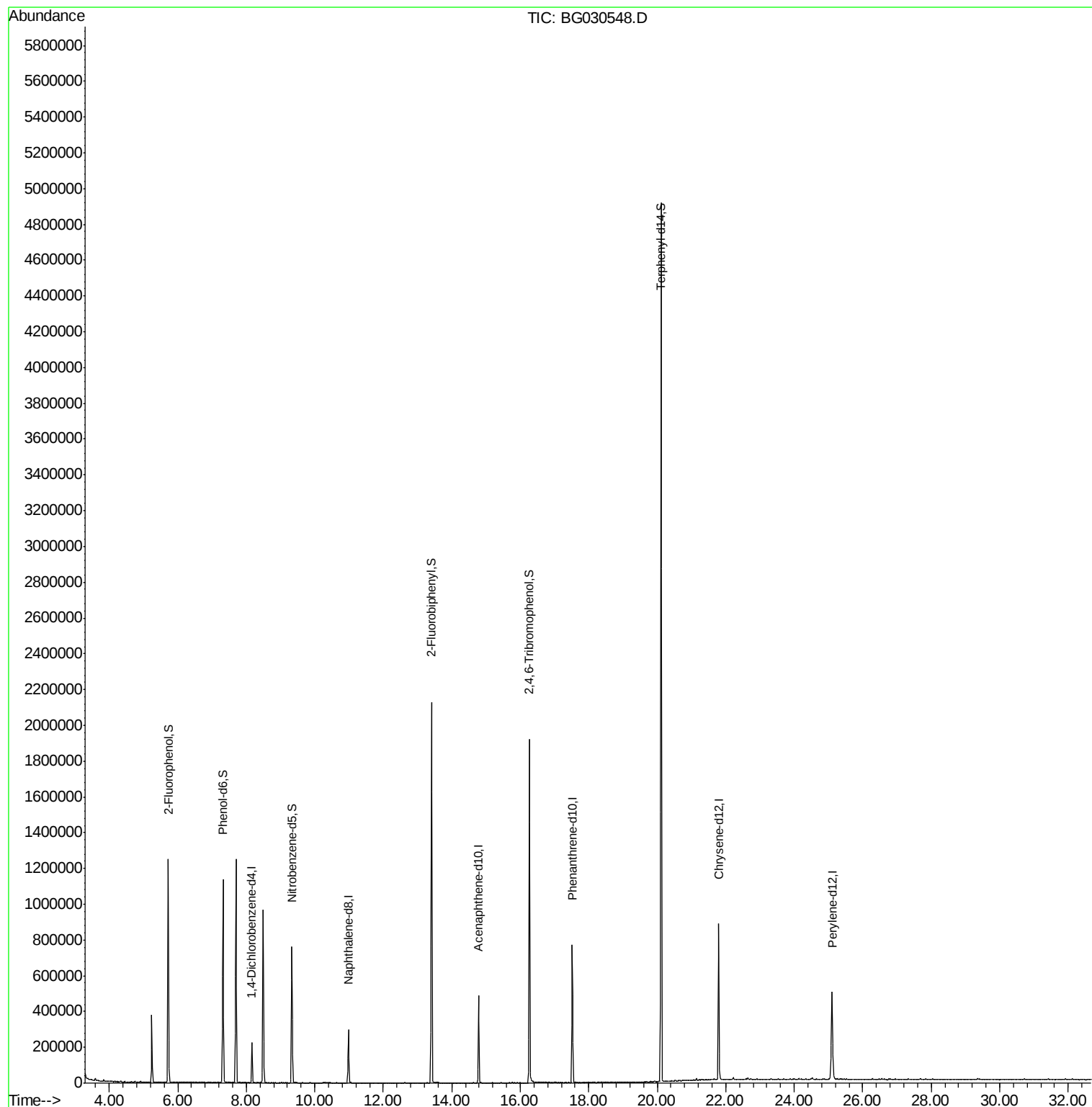
Target Compounds	Qvalue
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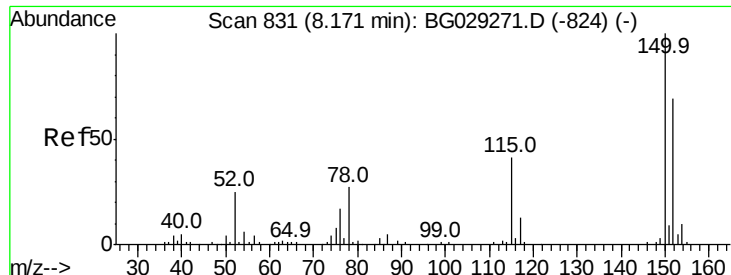
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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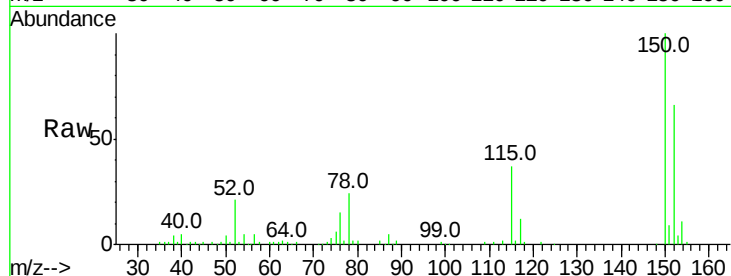


#1

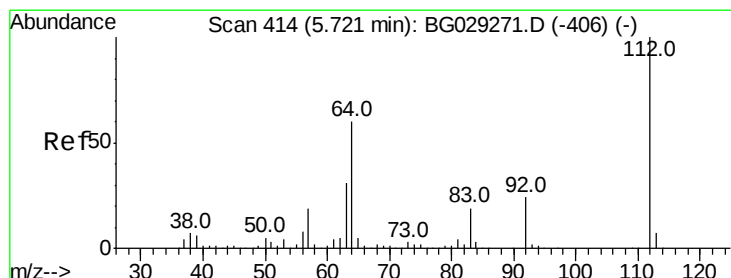
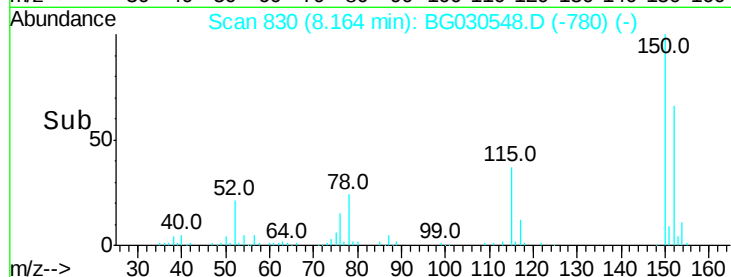
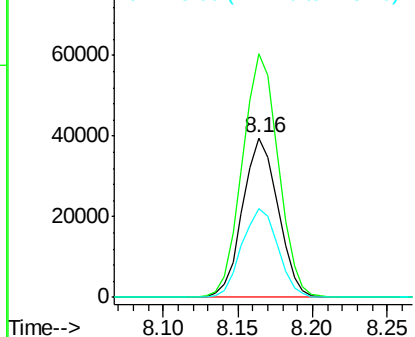
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030548.D
Acq: 29 Oct 2017 5:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 64864
Ion Ratio Lower Upper
152 100
150 152.4 126.6 189.8
115 55.9 53.0 79.4



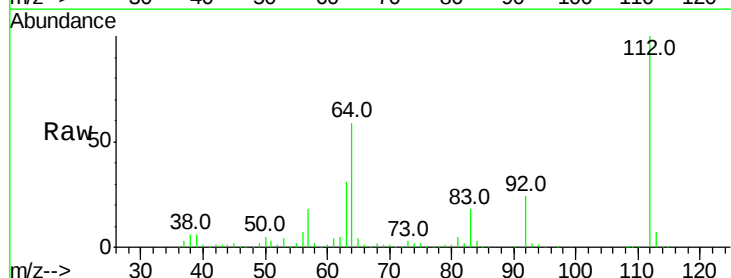
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



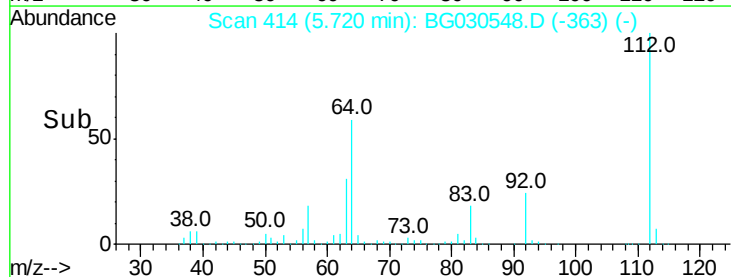
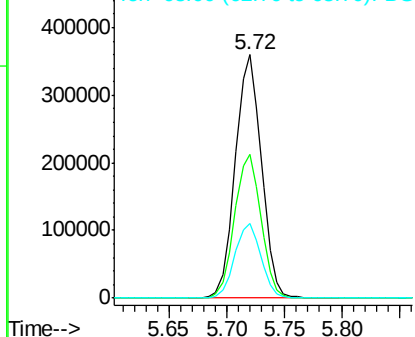
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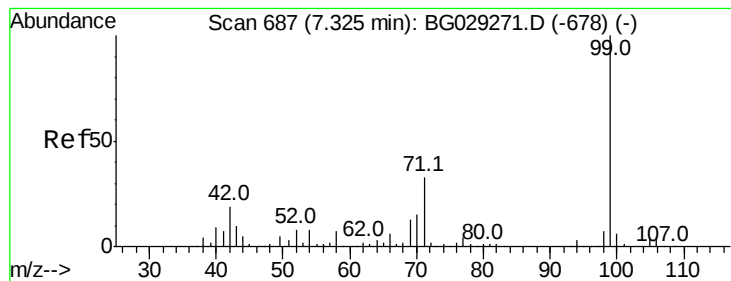
2-Fluorophenol
Concen: 145.441 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG030548.D
Acq: 29 Oct 2017 5:21

Tgt Ion:112 Resp: 564715
Ion Ratio Lower Upper
112 100
64 59.1 56.3 84.5
63 30.6 30.1 45.1



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: 123.383 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030548.D

Acq: 29 Oct 2017 5:21

Instrument :

BNA_G

ClientSampleId :

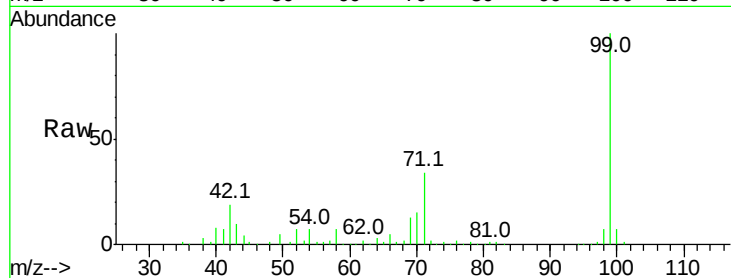
Tot Ion: 99 Resp: 672447

Ion Ratio Lower Upper

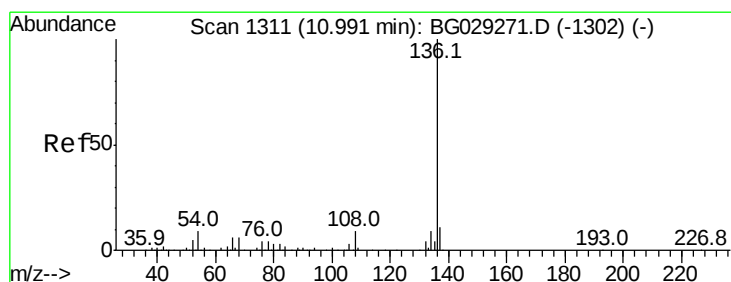
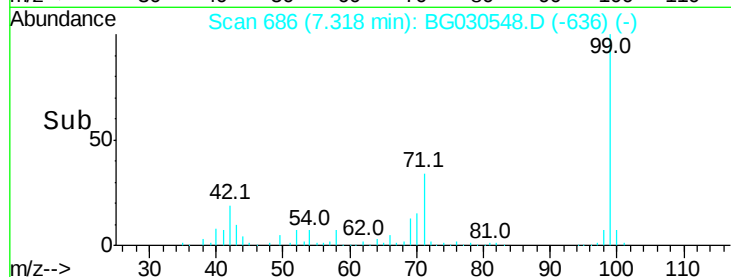
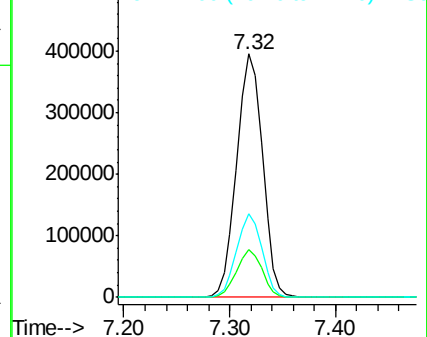
99 100

42 19.4 14.1 21.1

71 34.2 26.1 39.1



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: 20.000 ng

RT: 10.98 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG030548.D

Acq: 29 Oct 2017 5:21

Tgt Ion: 136 Resp: 274583

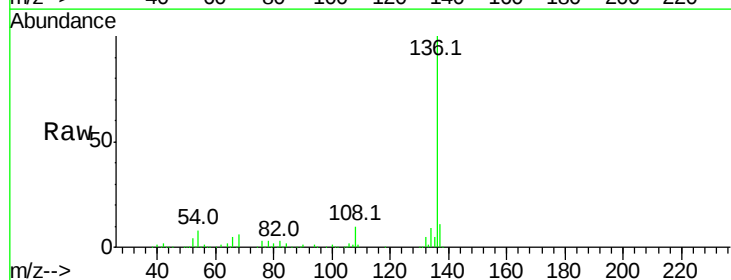
Ion Ratio Lower Upper

136 100

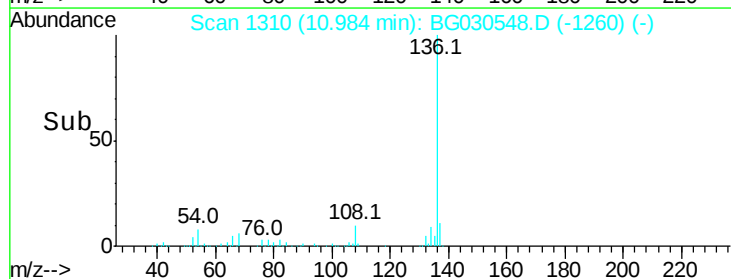
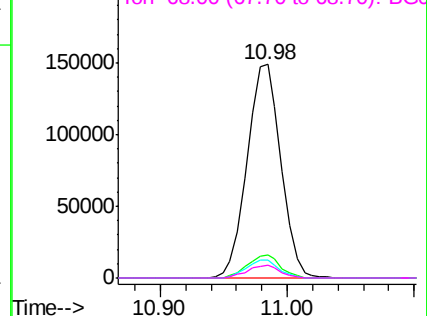
137 10.8 9.2 13.8

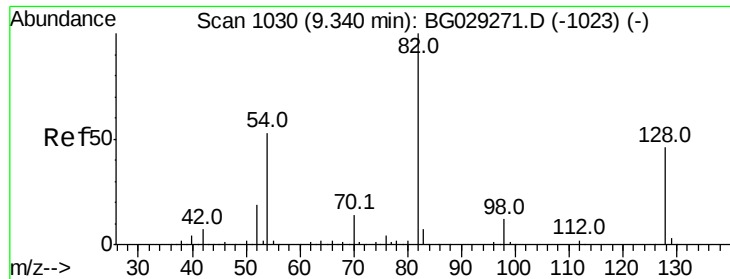
54 8.2 10.3 15.5#

68 6.1 4.5 6.7



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

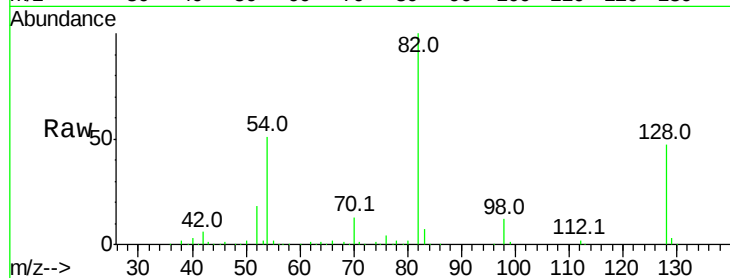




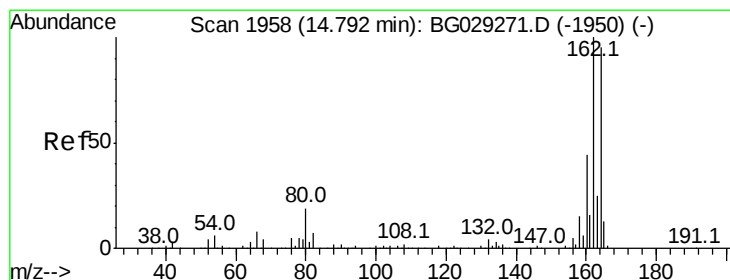
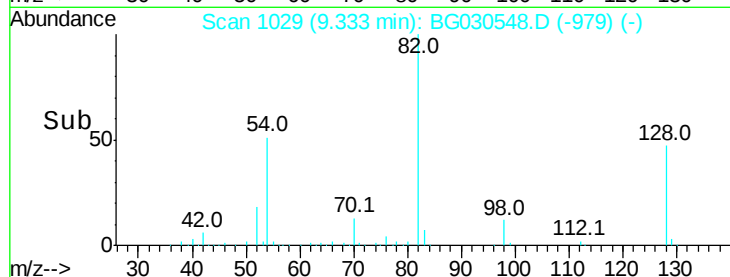
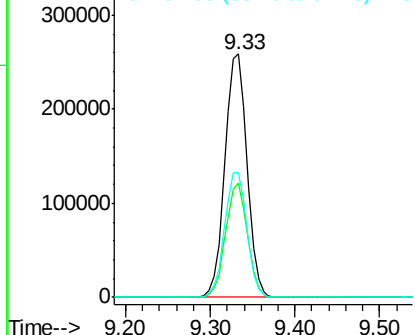
#23
Nitrobenzene-d5
Concen: 107.487 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG030548.D
Acq: 29 Oct 2017 5:21

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 464445
Ion Ratio Lower Upper
82 100
128 46.9 29.7 44.5#
54 51.1 43.1 64.7

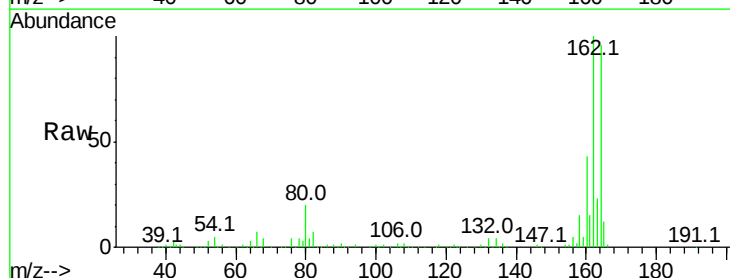


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

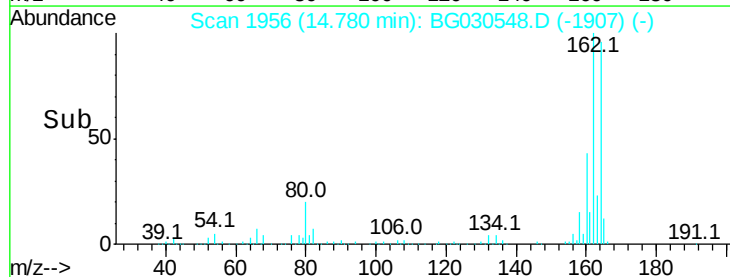
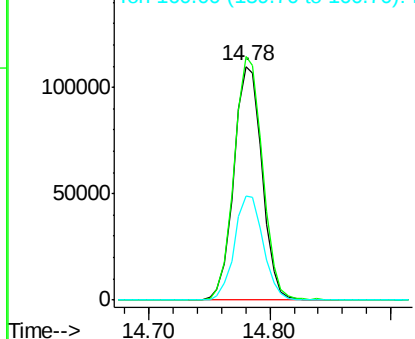


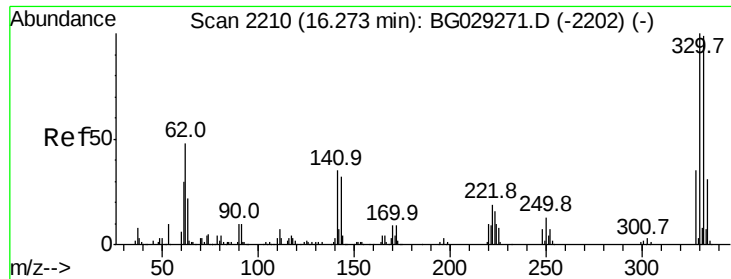
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030548.D
Acq: 29 Oct 2017 5:21

Tgt Ion: 164 Resp: 178920
Ion Ratio Lower Upper
164 100
162 104.3 78.8 118.2
160 44.4 35.4 53.0



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

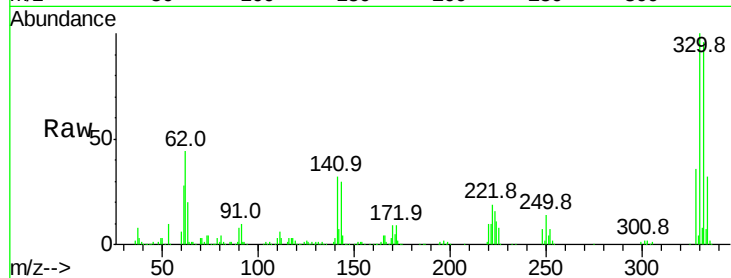




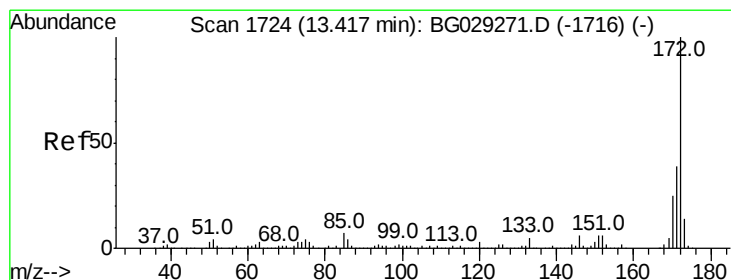
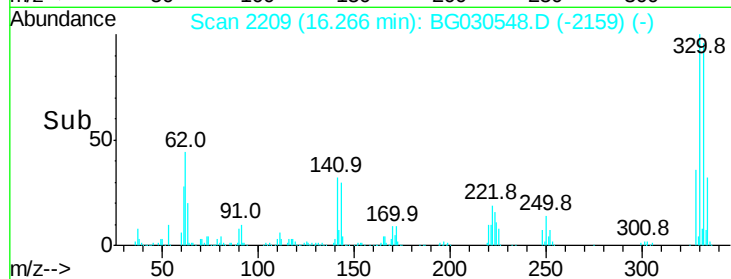
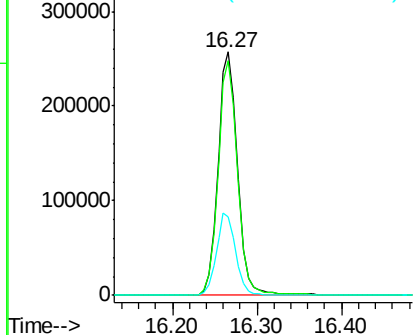
#41
 2,4,6-Tribromophenol
 Concen: 180.058 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG030548.D
 Acq: 29 Oct 2017 5:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 415941
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 33.3 25.2 37.8

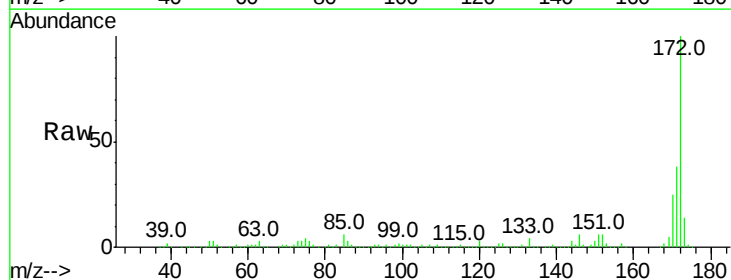


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

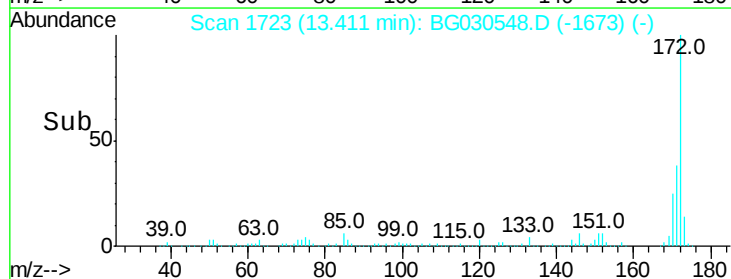
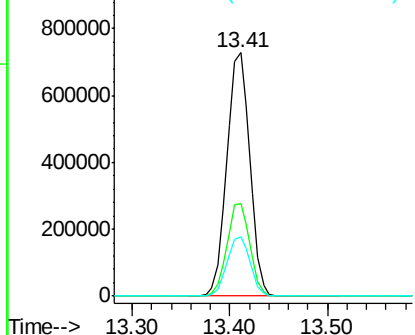


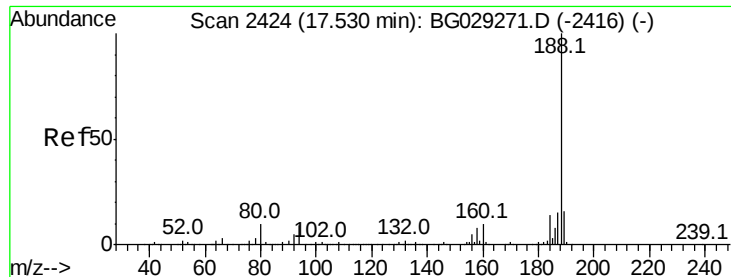
#44
 2-Fluorobiphenyl
 Concen: 97.427 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030548.D
 Acq: 29 Oct 2017 5:21

Tgt Ion:172 Resp: 1188530
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 24.5 19.5 29.3



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

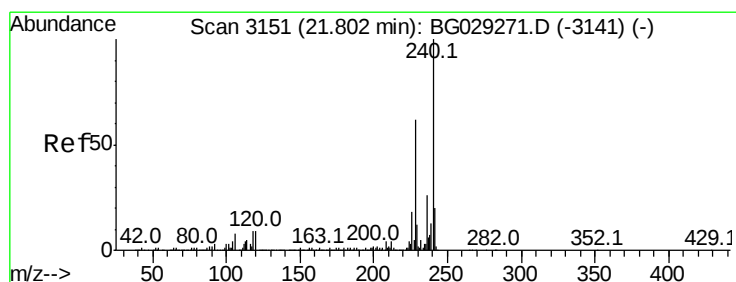
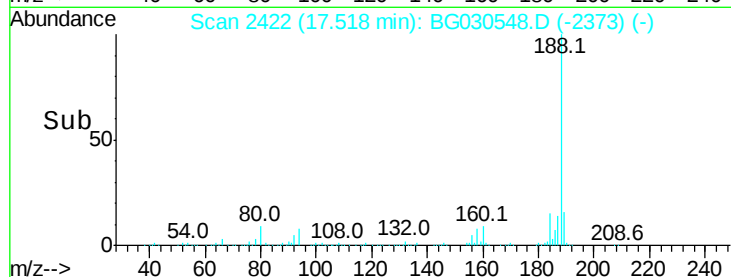
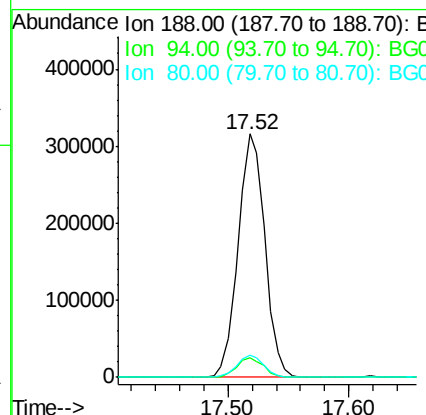
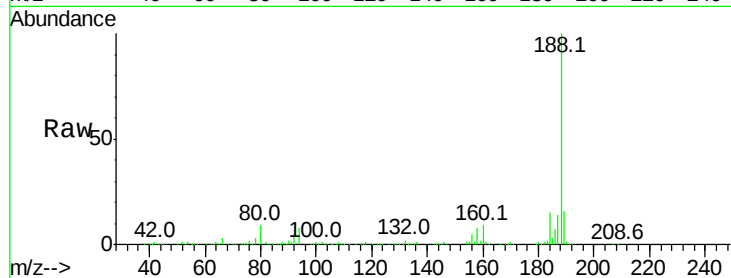




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030548.D
Acq: 29 Oct 2017 5:21

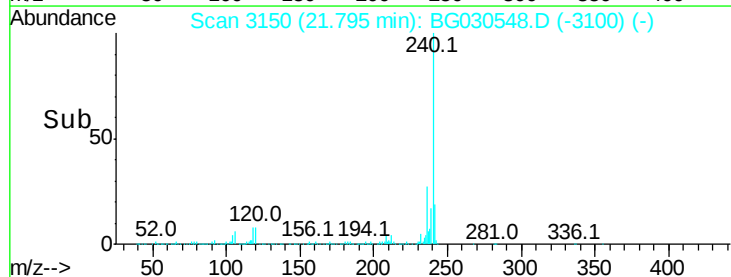
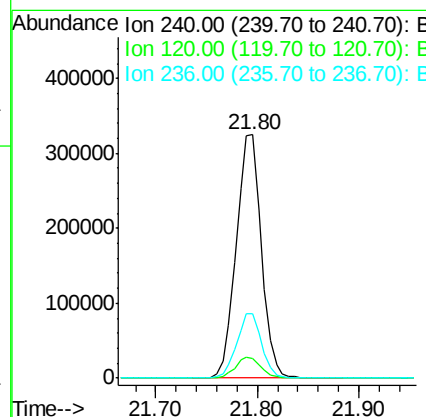
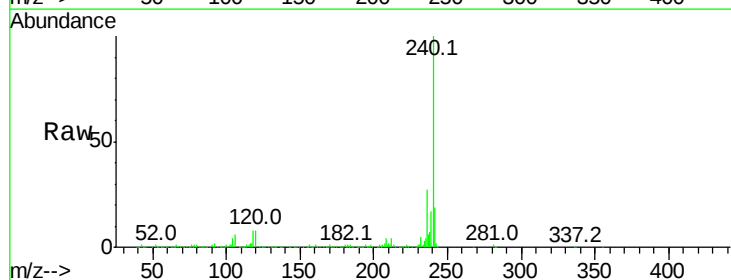
Instrument :
BNA_G
ClientSampleId :

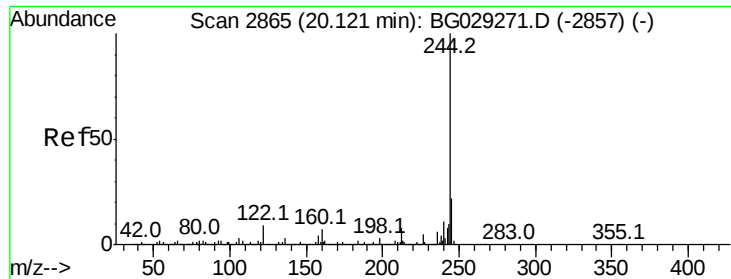
Tot Ion:188 Resp: 488315
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.3 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG030548.D
Acq: 29 Oct 2017 5:21

Tgt Ion:240 Resp: 558833
Ion Ratio Lower Upper
240 100
120 8.2 6.8 10.2
236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 91.270 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030548.D

Acq: 29 Oct 2017 5:21

Instrument :

BNA_G

ClientSampleId :

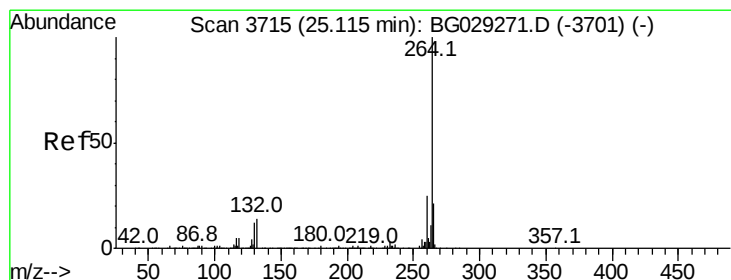
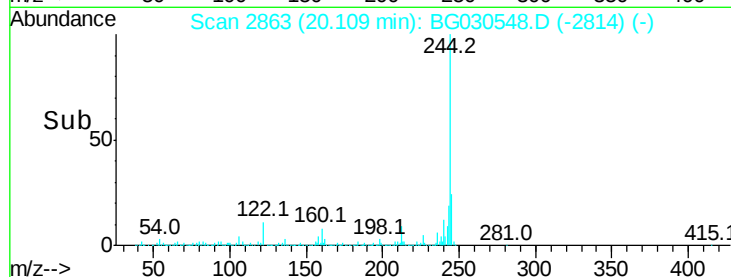
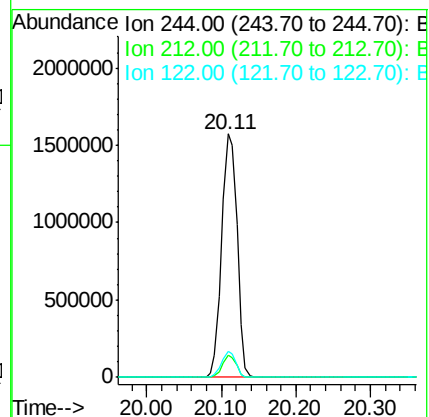
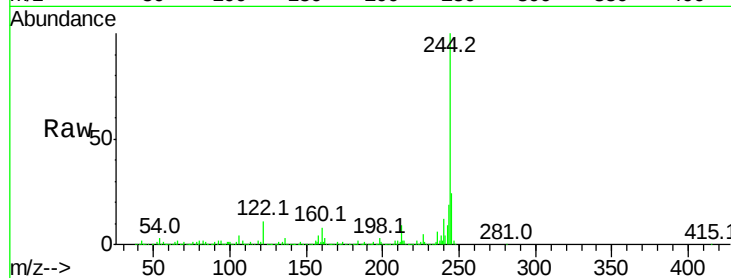
Tot Ion:244 Resp: 2242025

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

122 10.6 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG030548.D

Acq: 29 Oct 2017 5:21

Tgt Ion:264 Resp: 553116

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 22.2 17.7 26.5

