

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
 Data File : BG031309.D
 Acq On : 1 Dec 2017 4:36
 Operator : SJ/JU
 Sample : I6635-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 01 07:28:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	65849	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	269420	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	176073	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	479400	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	567086	20.00	ng	-0.02
86) Perylene-d12	25.07	264	543461	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	168737	43.94	ng	-0.02
7) Phenol-d6	7.29	99	129048	24.94	ng	-0.01
23) Nitrobenzene-d5	9.30	82	396321	87.17	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	227076	79.72	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1149998	93.85	ng	-0.02
78) Terphenyl-d14	20.09	244	2005025	78.07	ng	-0.01

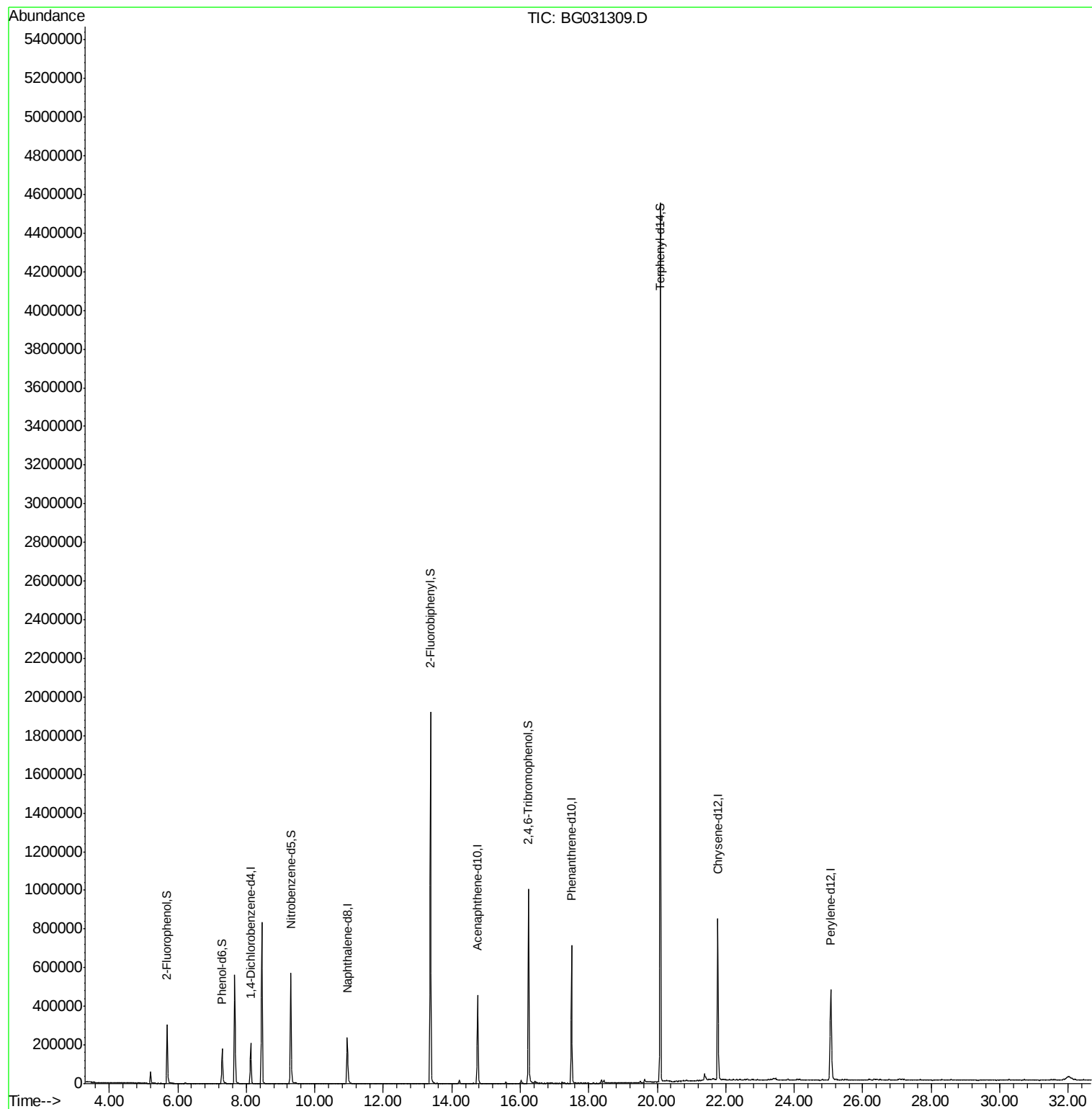
Target Compounds Qvalue

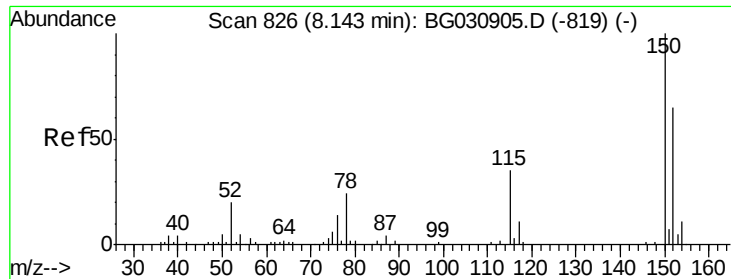
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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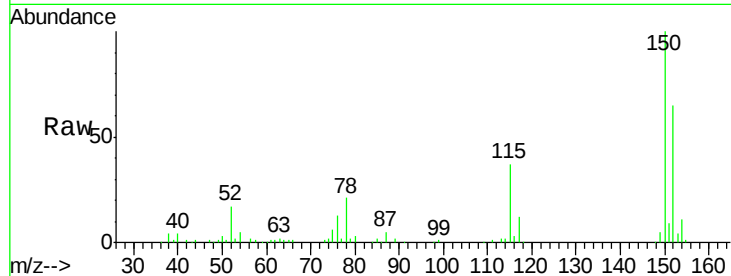


#1

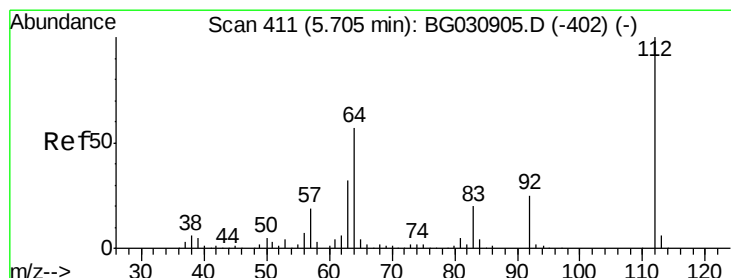
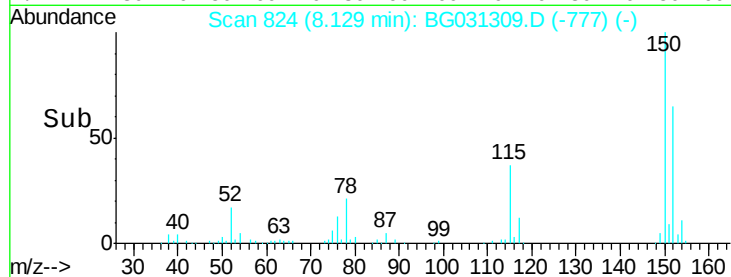
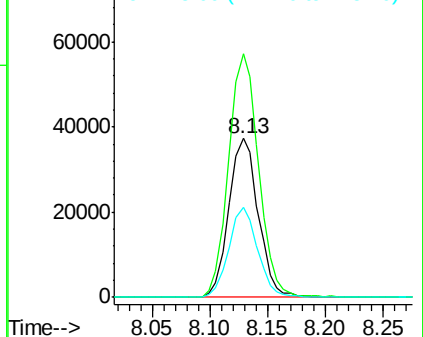
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031309.D
Acq: 1 Dec 2017 4:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 65849
Ion Ratio Lower Upper
152 100
150 153.3 126.6 189.8
115 56.6 53.0 79.4



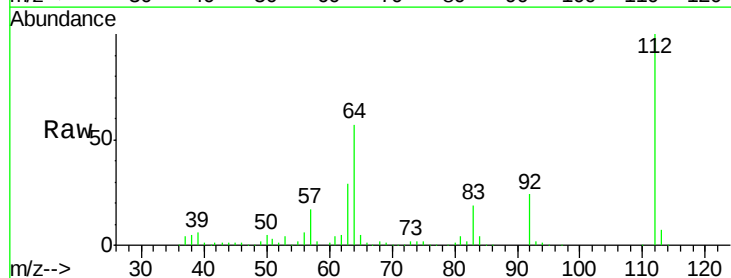
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



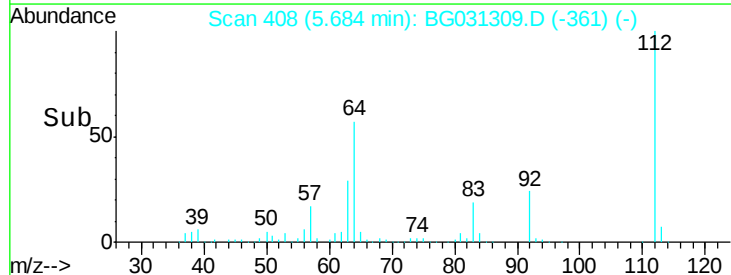
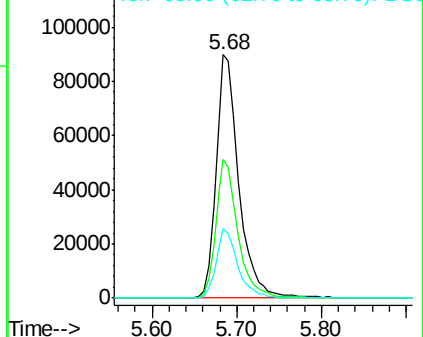
#5

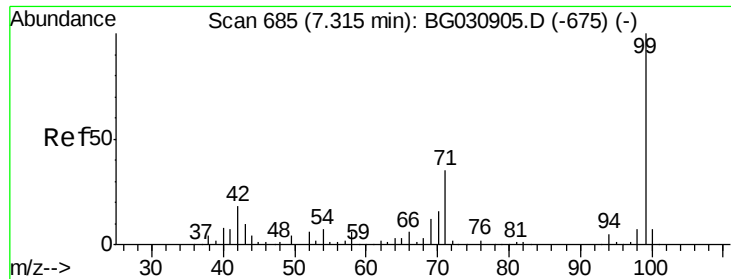
2-Fluorophenol
Concen: 43.94 ng
RT: 5.68 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031309.D
Acq: 1 Dec 2017 4:36

Tgt Ion:112 Resp: 168737
Ion Ratio Lower Upper
112 100
64 56.9 56.3 84.5
63 28.7 30.1 45.1#



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: 24.94 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031309.D

Acq: 1 Dec 2017 4:36

Instrument :

BNA_G

ClientSampled :

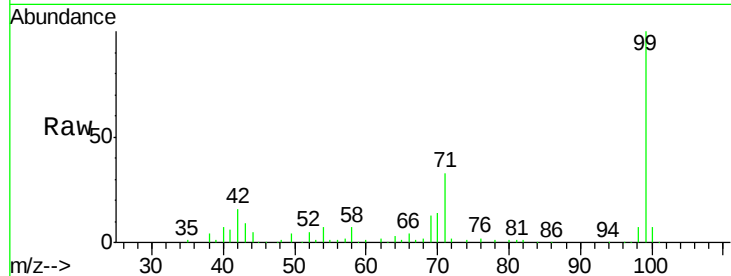
Tot Ion: 99 Resp: 129048

Ion Ratio Lower Upper

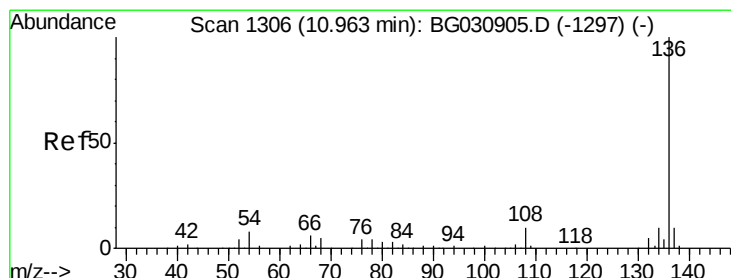
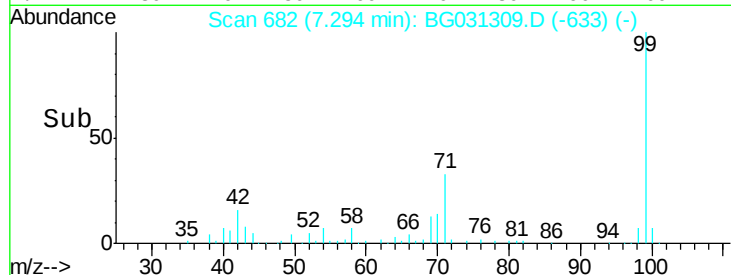
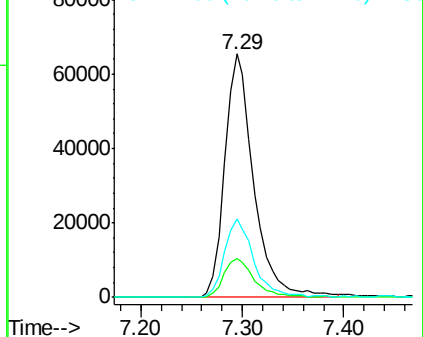
99 100

42 16.0 14.1 21.1

71 32.5 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: 20.00 ng

RT: 10.95 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG031309.D

Acq: 1 Dec 2017 4:36

Tgt Ion: 136 Resp: 269420

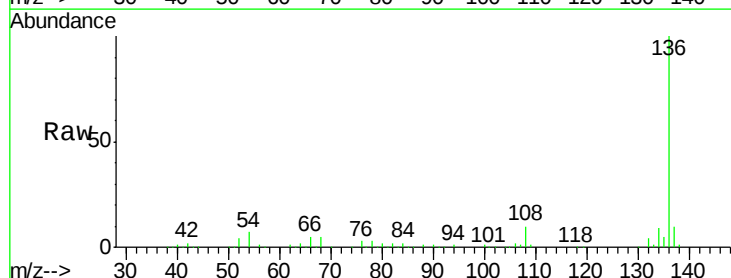
Ion Ratio Lower Upper

136 100

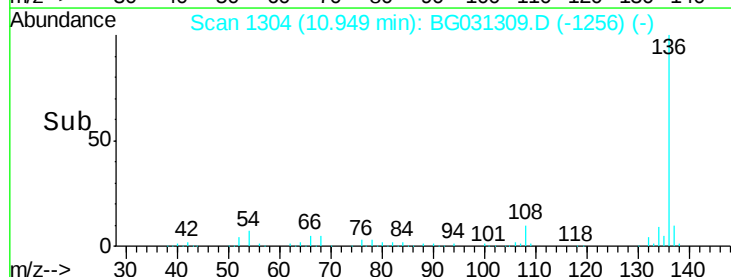
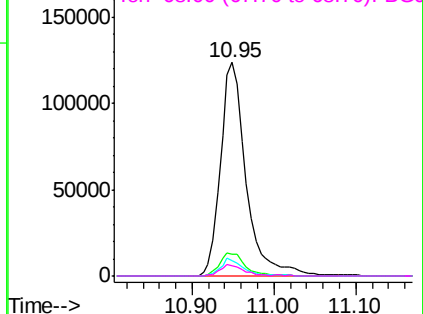
137 10.3 9.2 13.8

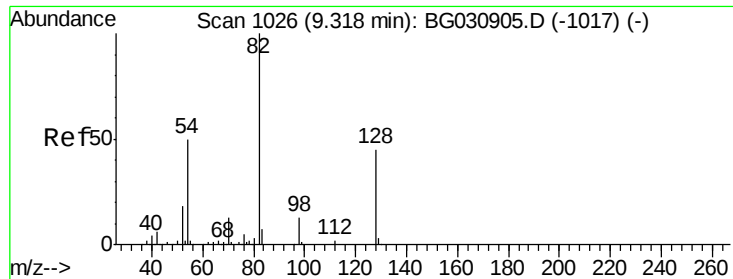
54 7.5 10.3 15.5#

68 5.1 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

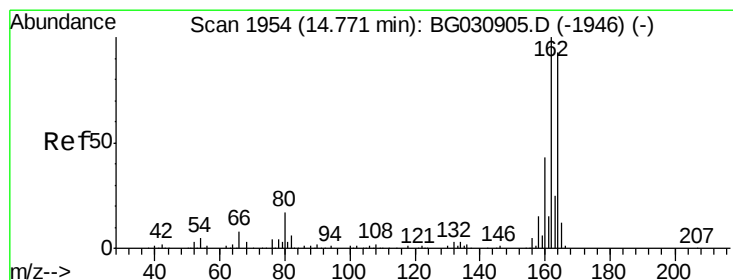
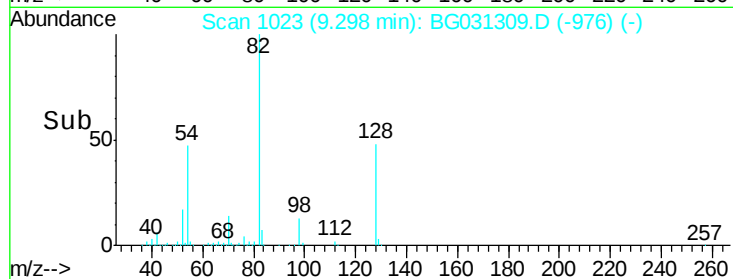
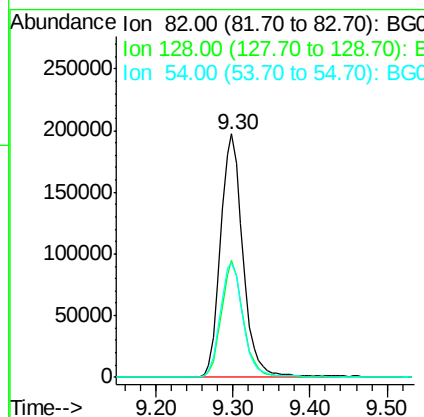
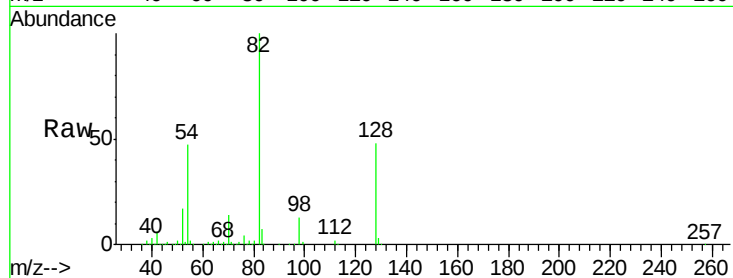




#23
 Nitrobenzene-d5
 Concen: 87.17 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031309.D
 Acq: 1 Dec 2017 4:36

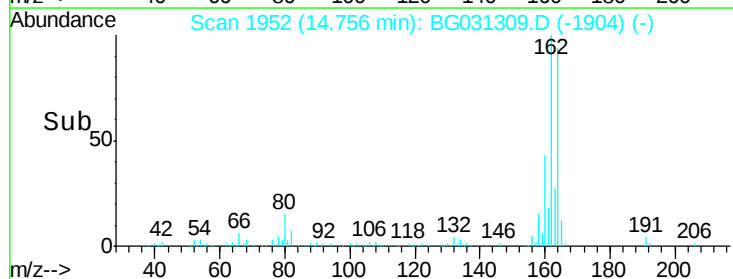
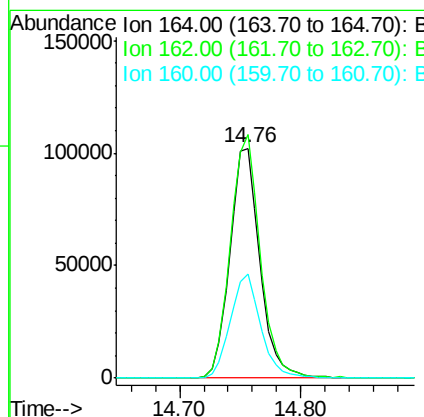
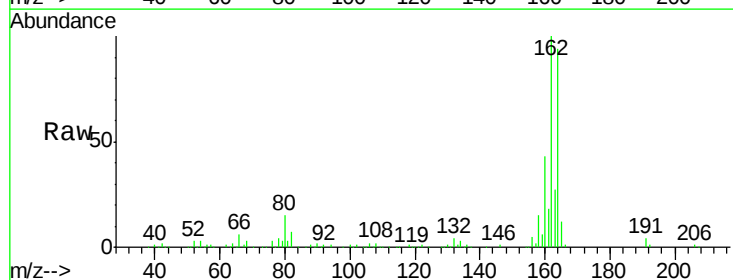
Instrument :
 BNA_G
 ClientSampled :

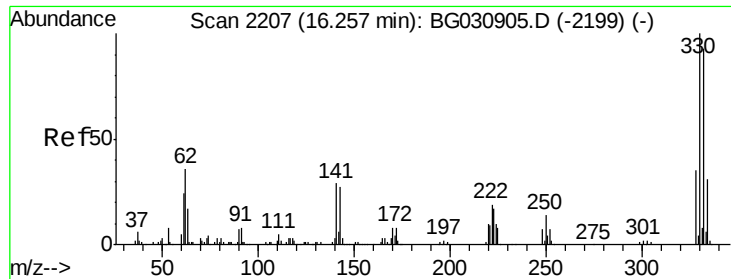
Tot Ion: 82 Resp: 396321
 Ion Ratio Lower Upper
 82 100
 128 47.9 29.7 44.5#
 54 47.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031309.D
 Acq: 1 Dec 2017 4:36

Tgt Ion:164 Resp: 176073
 Ion Ratio Lower Upper
 164 100
 162 105.9 78.8 118.2
 160 45.4 35.4 53.0

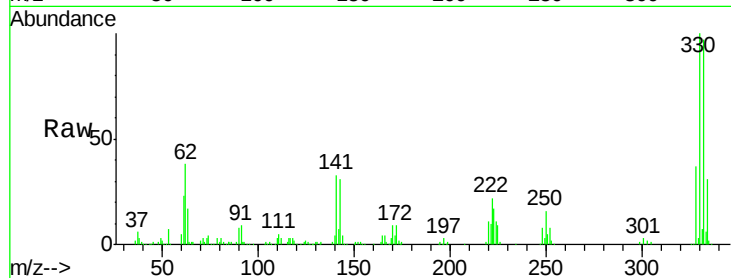




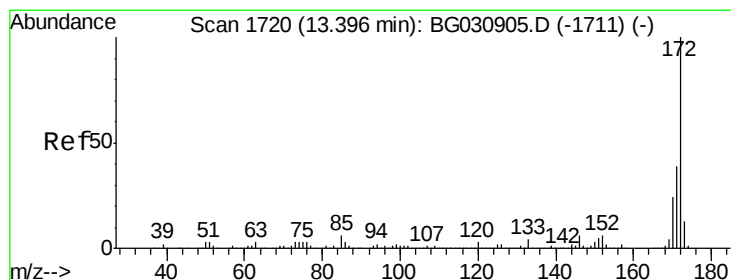
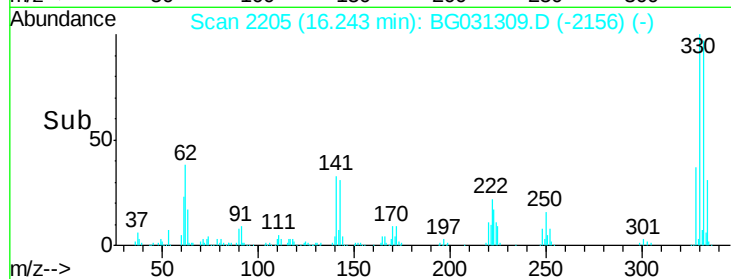
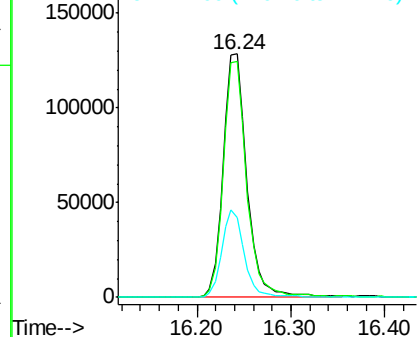
#41
 2,4,6-Tribromophenol
 Concen: 79.72 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031309.D
 Acq: 1 Dec 2017 4:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 227076
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 34.5 25.2 37.8

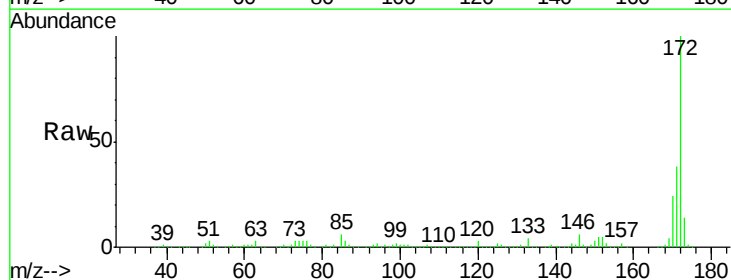


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

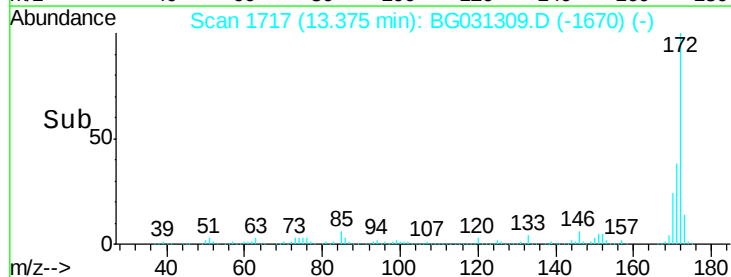
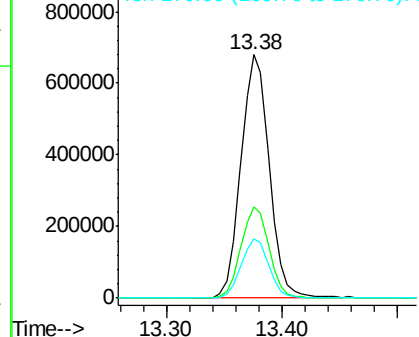


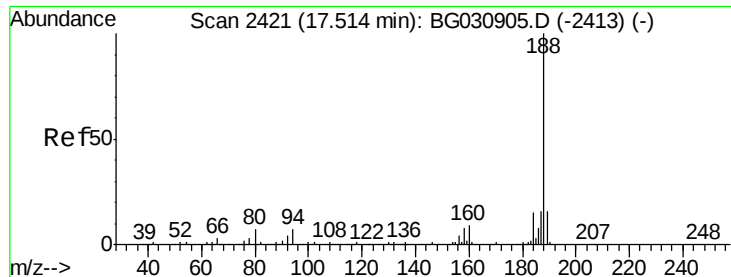
#44
 2-Fluorobiphenyl
 Concen: 93.85 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031309.D
 Acq: 1 Dec 2017 4:36

Tgt Ion:172 Resp: 1149998
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 24.1 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

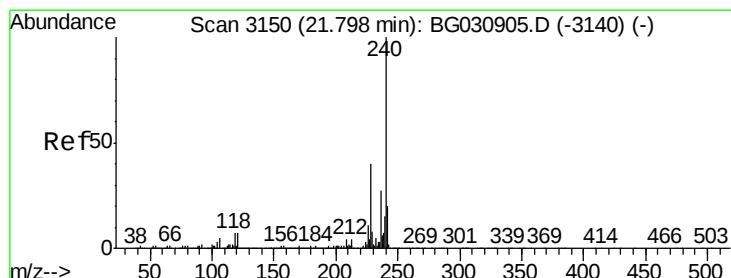
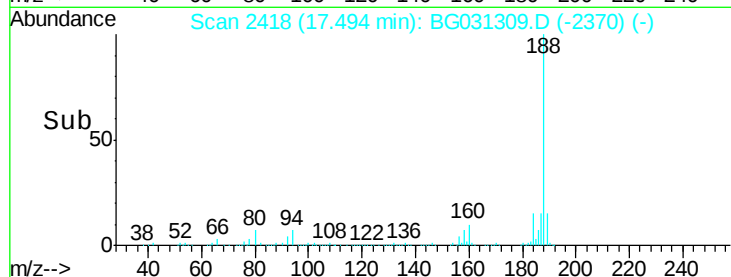
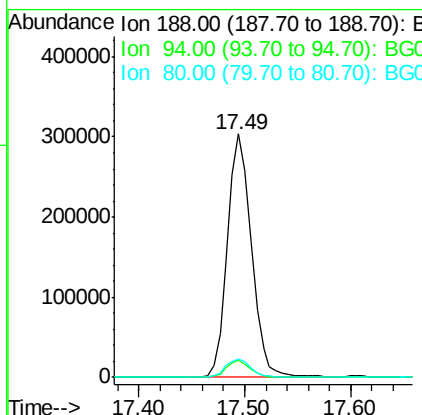
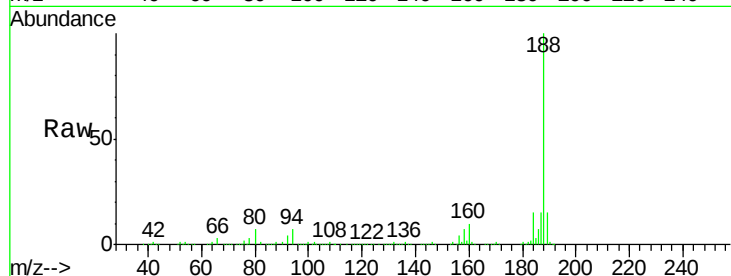




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031309.D
Acq: 1 Dec 2017 4:36

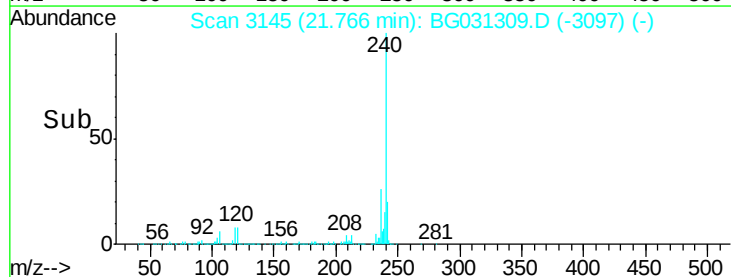
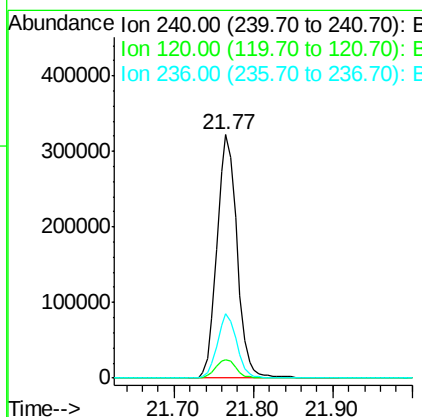
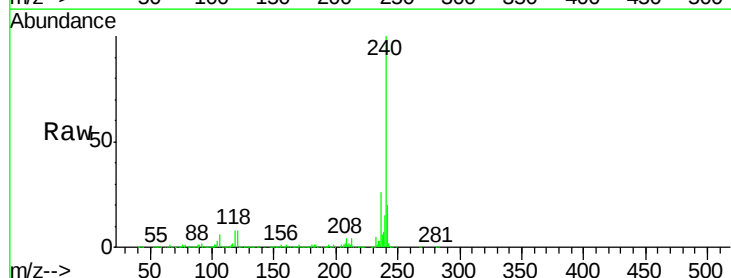
Instrument :
BNA_G
ClientSampleId :

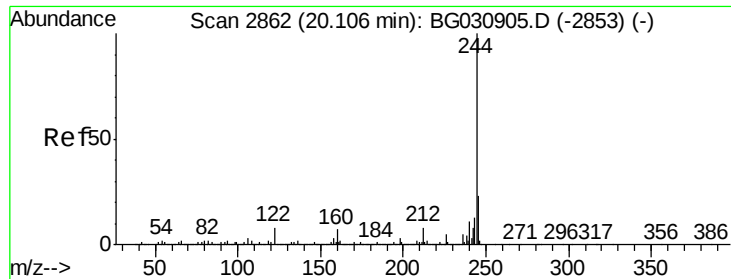
Tot Ion:188 Resp: 479400
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 7.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031309.D
Acq: 1 Dec 2017 4:36

Tgt Ion:240 Resp: 567086
Ion Ratio Lower Upper
240 100
120 7.5 6.8 10.2
236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 78.07 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031309.D

Acq: 1 Dec 2017 4:36

Instrument :

BNA_G

ClientSampleId :

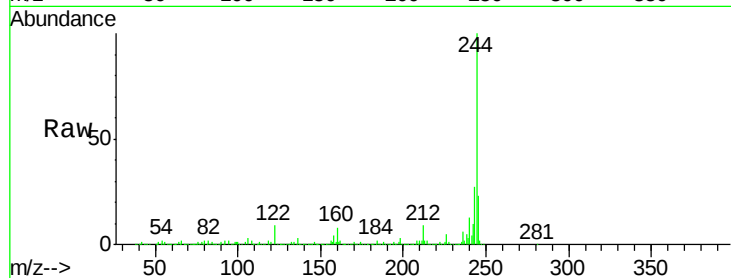
Tot Ion:244 Resp: 2005025

Ion Ratio Lower Upper

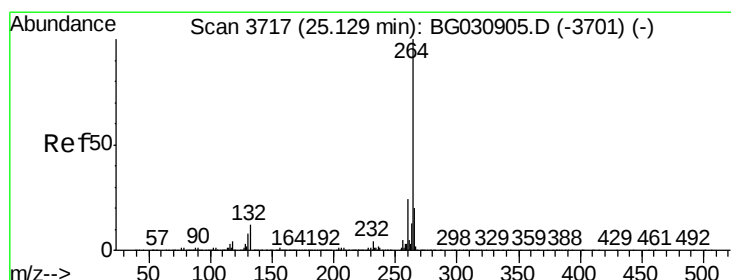
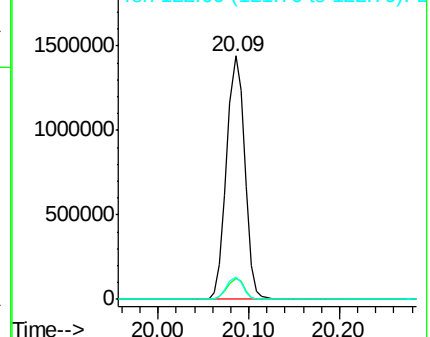
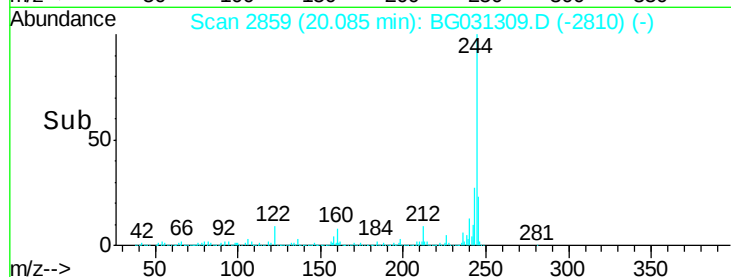
244 100

212 8.7 5.8 8.8

122 9.3 7.0 10.4



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: 25.07 min Scan# 3707

Delta R.T. -0.02 min

Lab File: BG031309.D

Acq: 1 Dec 2017 4:36

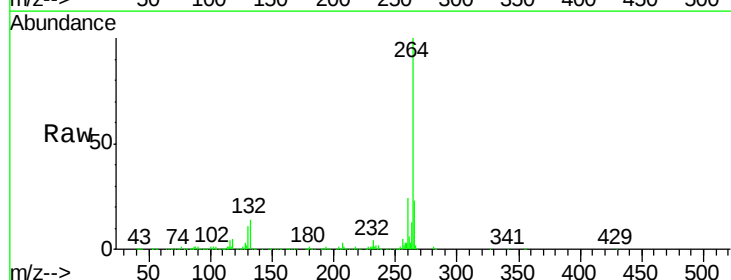
Tgt Ion:264 Resp: 543461

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 22.7 17.7 26.5



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

