

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110217\
 Data File : BG030670.D
 Acq On : 2 Nov 2017 20:01
 Operator : SJ/JU
 Sample : PB103875BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103875BL

Quant Time: Nov 03 00:54:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 17:41:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	52647	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	241118	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	170811	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	436431	20.00	ng	0.00
75) Chrysene-d12	21.78	240	526392	20.00	ng	0.00
86) Perylene-d12	25.08	264	542386	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	345007	109.47	ng	0.00
7) Phenol-d6	7.31	99	461753	104.38	ng	0.00
23) Nitrobenzene-d5	9.32	82	264433	69.69	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	254043	115.19	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	811139	69.65	ng	0.00
78) Terphenyl-d14	20.10	244	1471085	63.58	ng	0.00

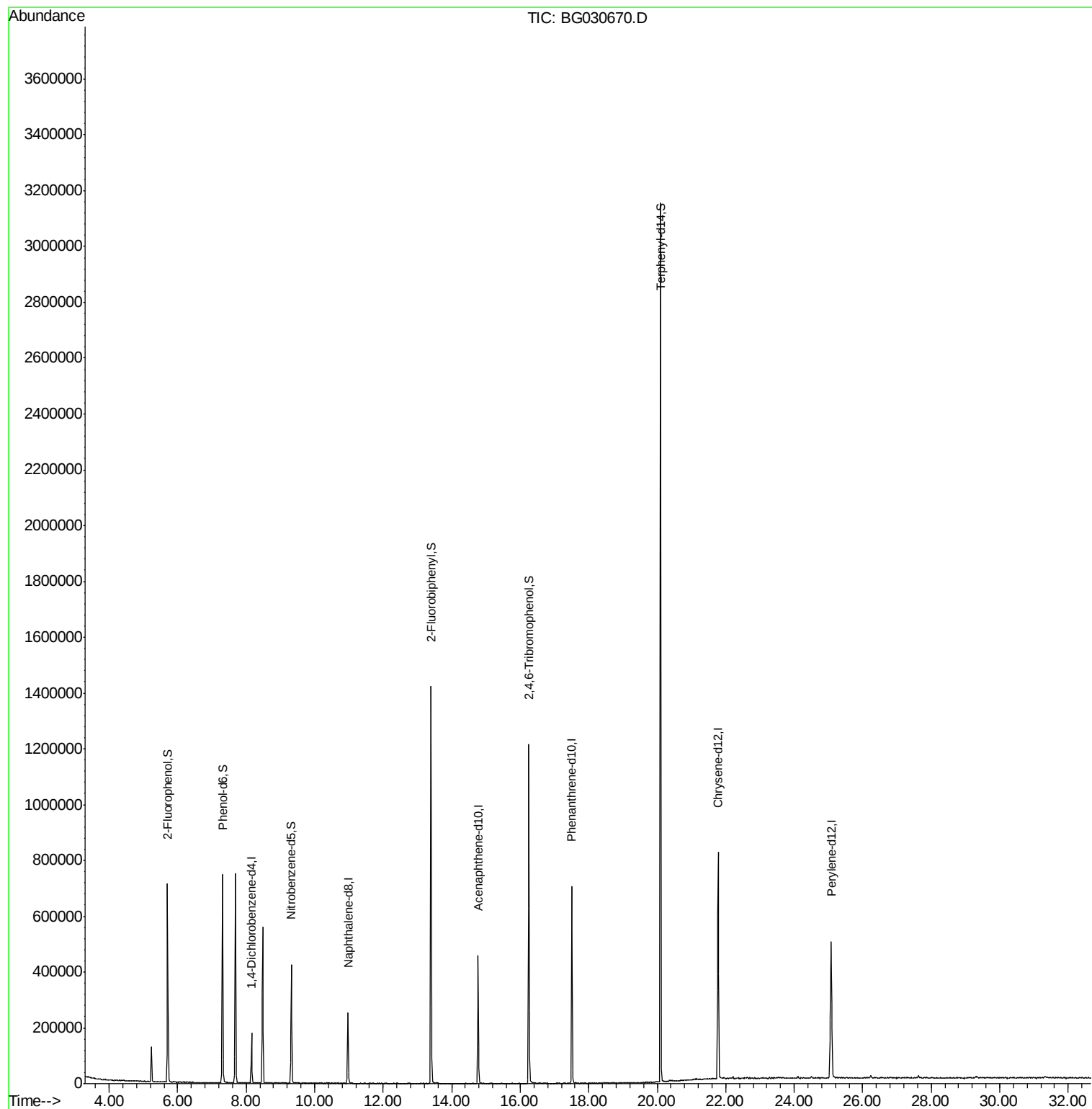
Target Compounds Qvalue

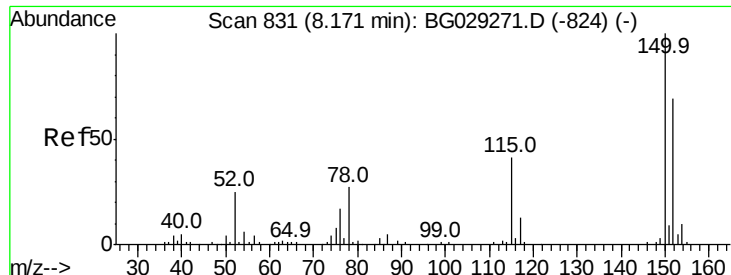
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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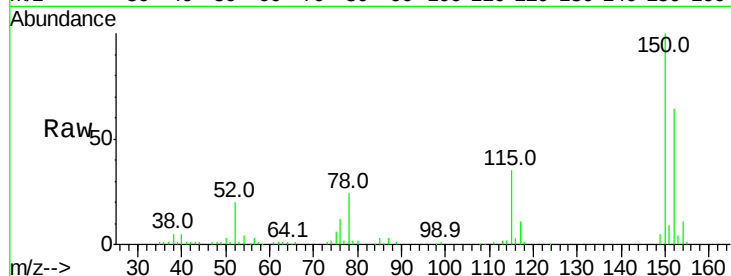


#1

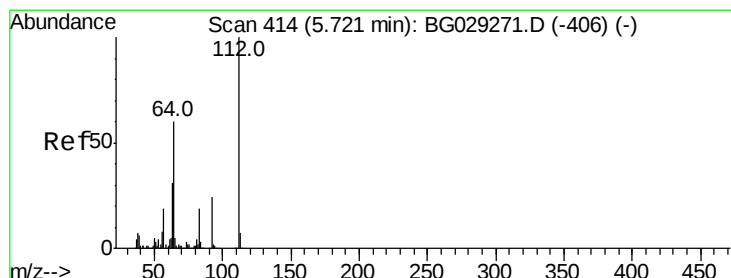
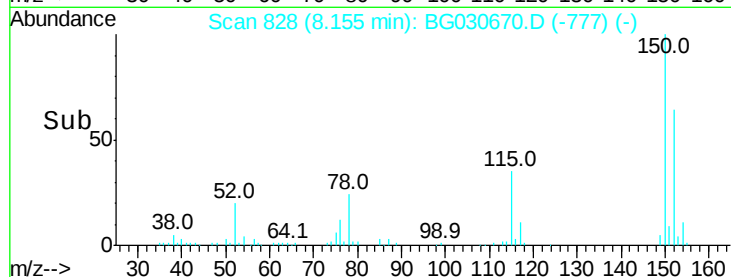
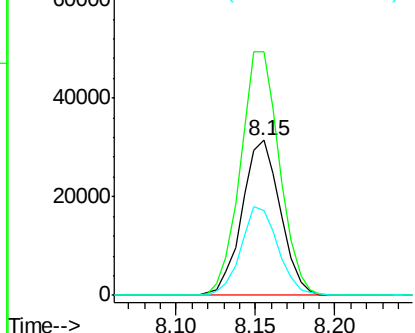
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG030670.D
Acq: 2 Nov 2017 20:01

Instrument :
BNA_G
ClientSampleId :
PB103875BL

Tot Ion:152 Resp: 52647
Ion Ratio Lower Upper
152 100
150 157.3 126.6 189.8
115 54.7 53.0 79.4



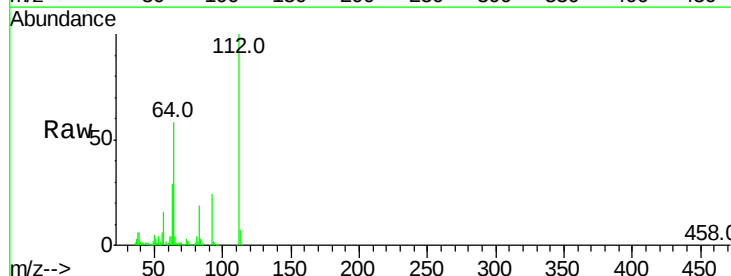
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



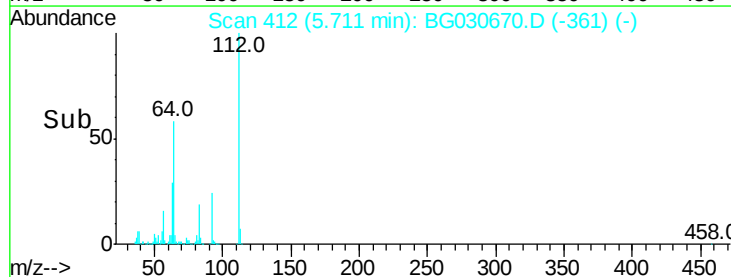
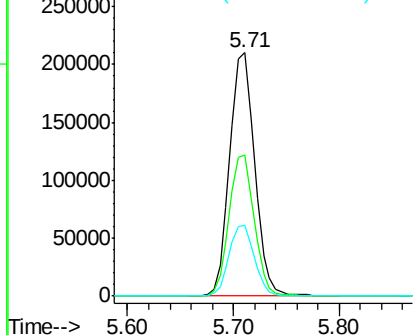
#5

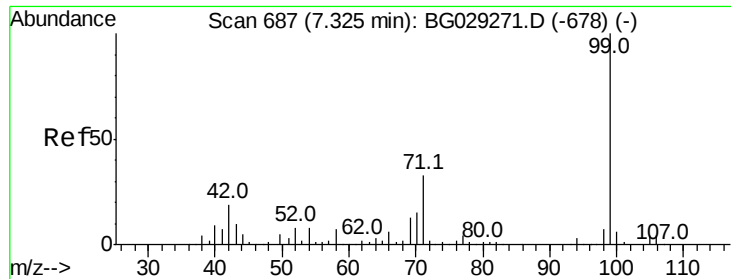
2-Fluorophenol
Concen: 109.475 ng
RT: 5.71 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG030670.D
Acq: 2 Nov 2017 20:01

Tgt Ion:112 Resp: 345007
Ion Ratio Lower Upper
112 100
64 57.8 56.3 84.5
63 29.0 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: 104.384 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG030670.D

Acq: 2 Nov 2017 20:01

Instrument :

BNA_G

ClientSampleId :

PB103875BL

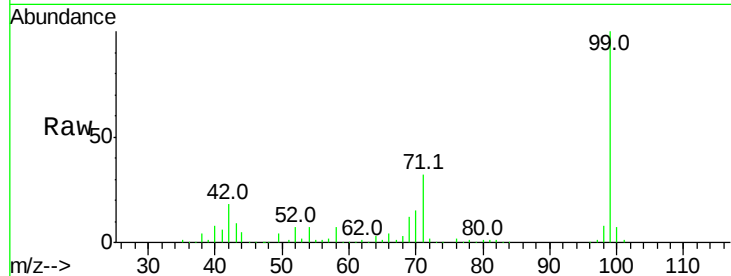
Tot Ion: 99 Resp: 461753

Ion Ratio Lower Upper

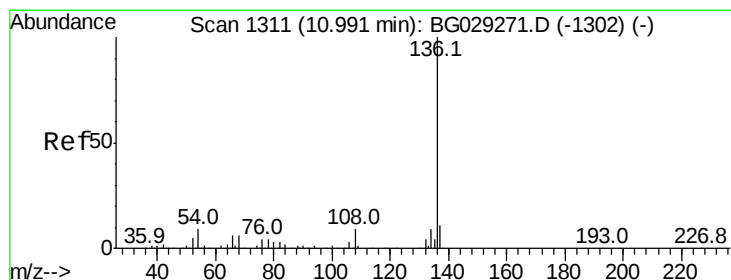
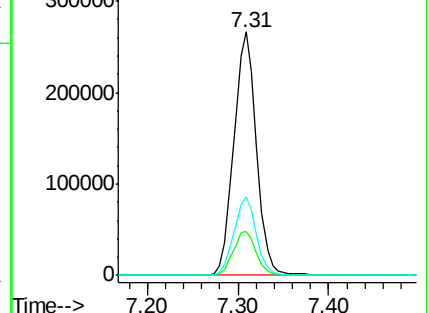
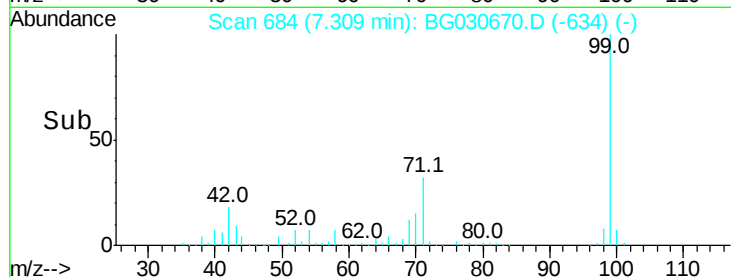
99 100

42 18.1 14.1 21.1

71 32.4 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: 10.97 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG030670.D

Acq: 2 Nov 2017 20:01

Tgt Ion: 136 Resp: 241118

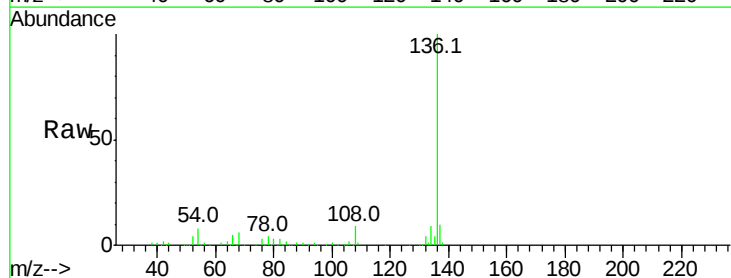
Ion Ratio Lower Upper

136 100

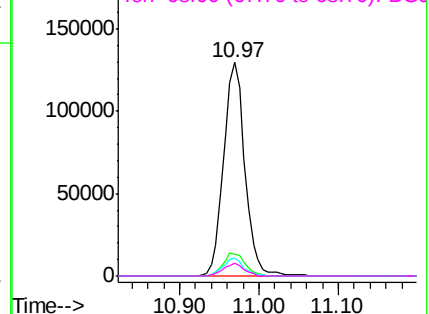
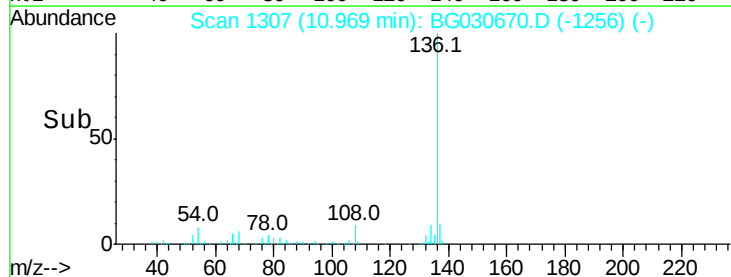
137 10.2 9.2 13.8

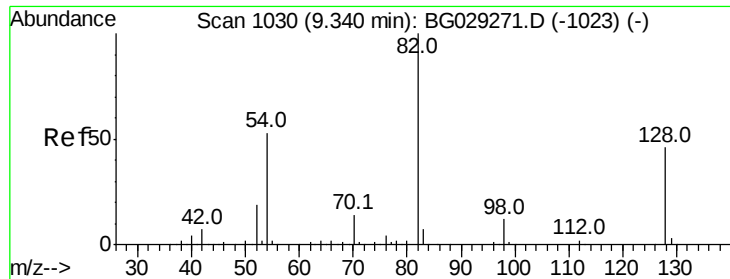
54 8.2 10.3 15.5#

68 6.2 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

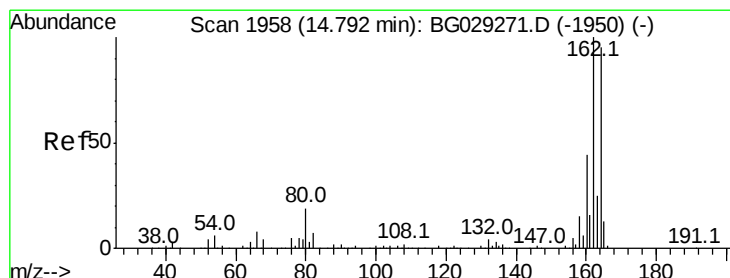
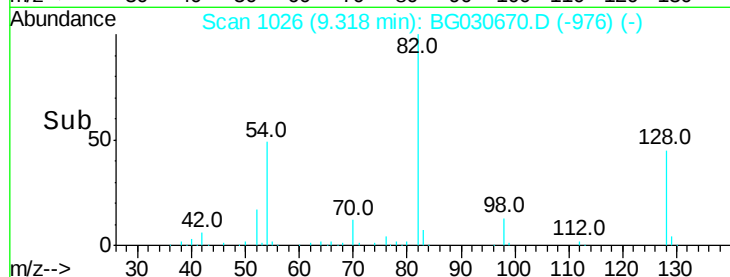
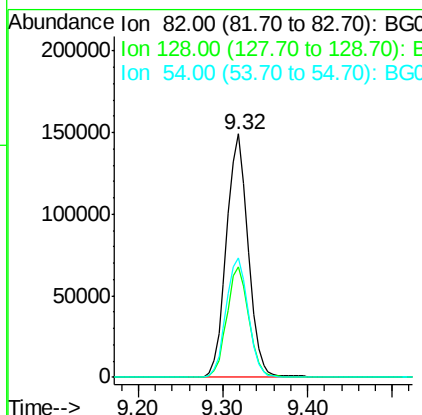
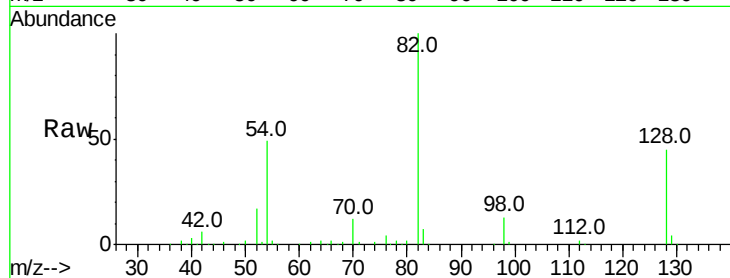




#23
 Nitrobenzene-d5
 Concen: 69.692 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG030670.D
 Acq: 2 Nov 2017 20:01

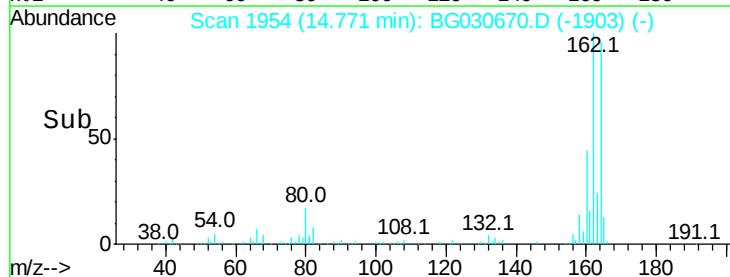
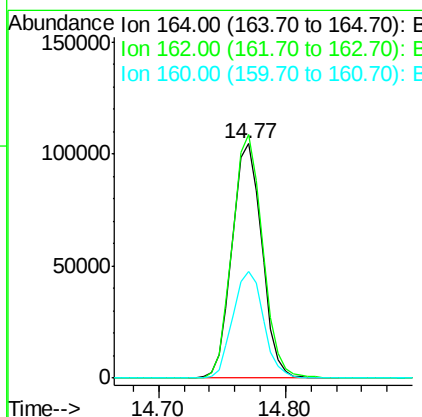
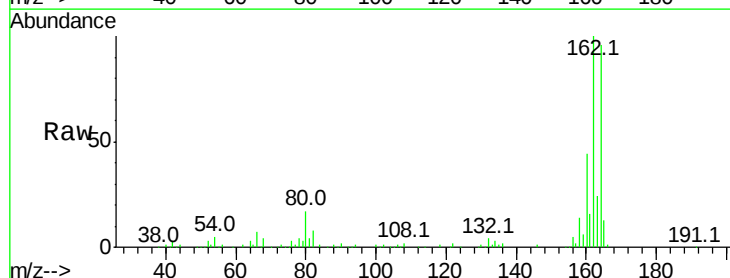
Instrument :
 BNA_G
 ClientSampleId :
 PB103875BL

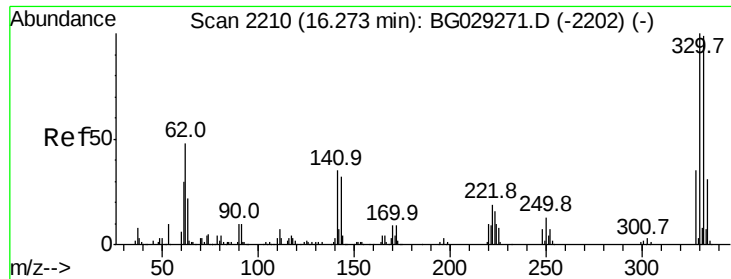
Tot Ion: 82 Resp: 264433
 Ion Ratio Lower Upper
 82 100
 128 45.2 29.7 44.5#
 54 49.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG030670.D
 Acq: 2 Nov 2017 20:01

Tgt Ion: 164 Resp: 170811
 Ion Ratio Lower Upper
 164 100
 162 104.0 78.8 118.2
 160 45.5 35.4 53.0

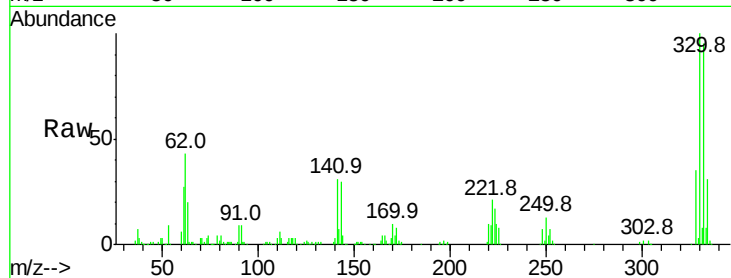




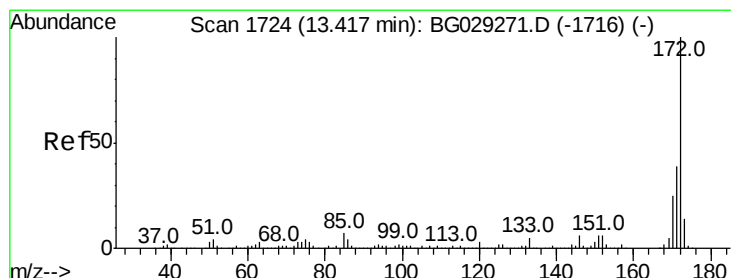
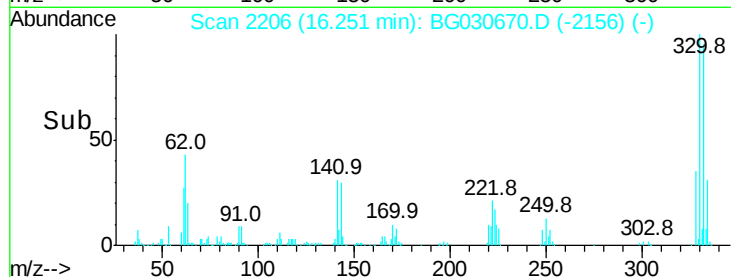
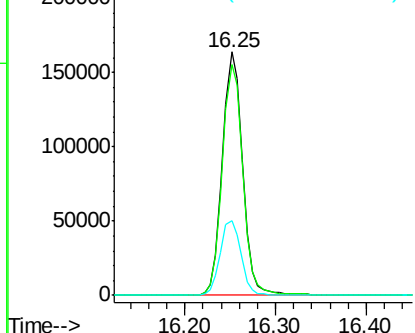
#41
 2,4,6-Tribromophenol
 Concen: 115.194 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030670.D
 Acq: 2 Nov 2017 20:01

Instrument :
 BNA_G
 ClientSampleId :
 PB103875BL

Tot Ion:330 Resp: 254043
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 31.7 25.2 37.8

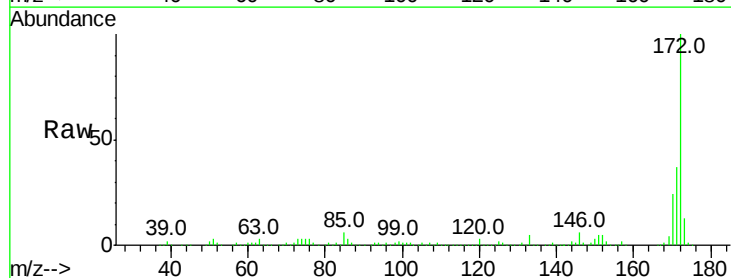


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

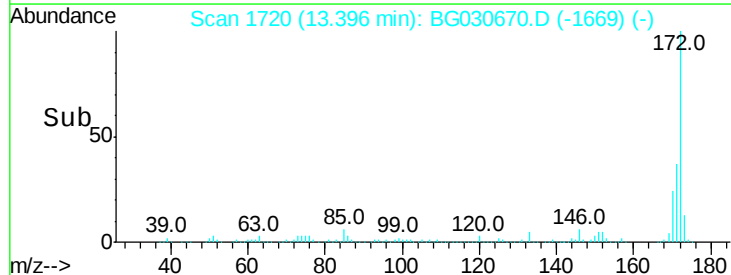
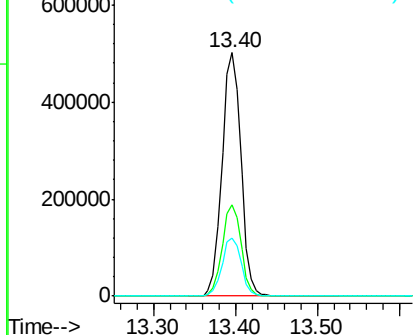


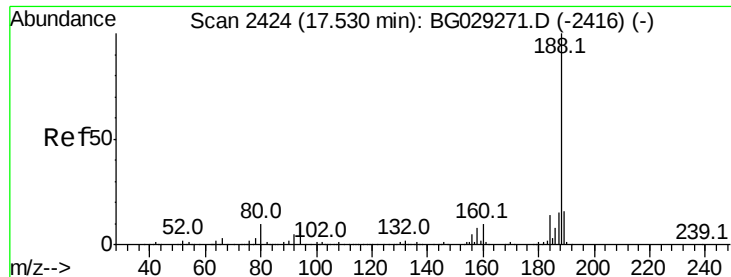
#44
 2-Fluorobiphenyl
 Concen: 69.648 ng
 RT: 13.40 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG030670.D
 Acq: 2 Nov 2017 20:01

Tgt Ion:172 Resp: 811139
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 23.9 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

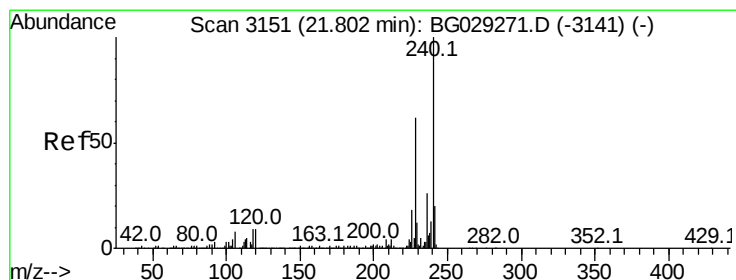
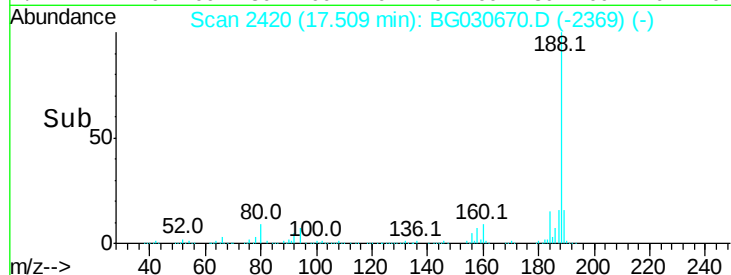
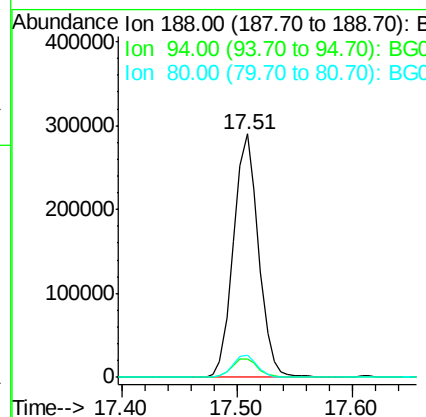
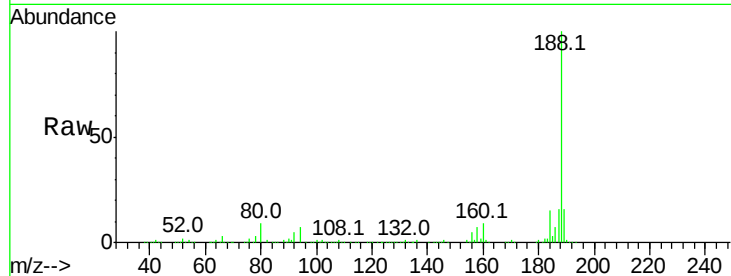




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BG030670.D
Acq: 2 Nov 2017 20:01

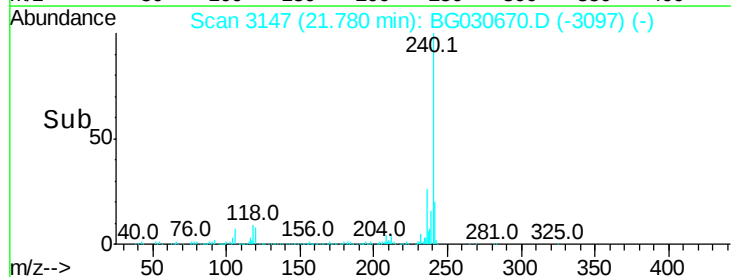
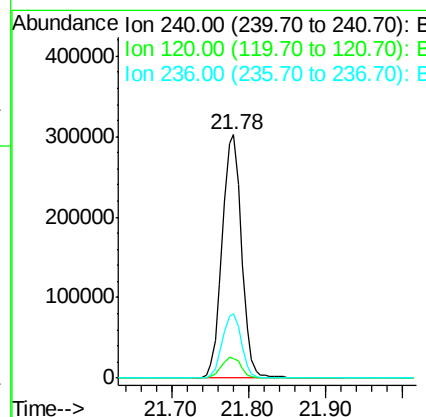
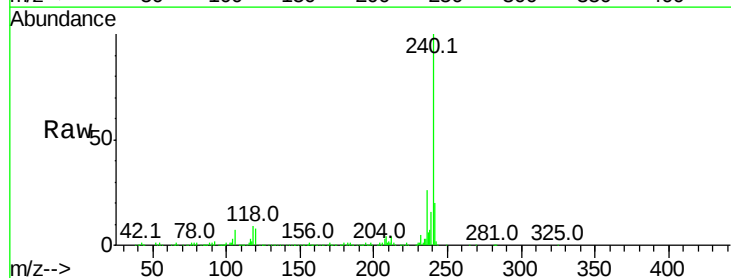
Instrument :
BNA_G
ClientSampleId :
PB103875BL

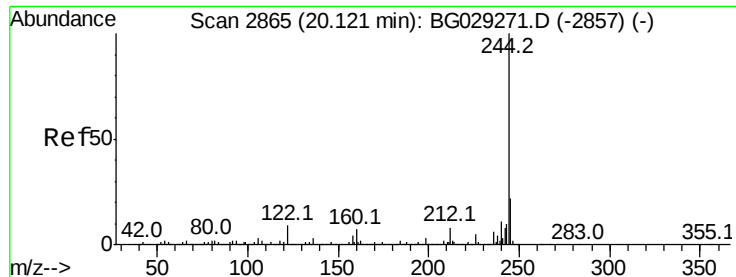
Tot Ion:188 Resp: 436431
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.9 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG030670.D
Acq: 2 Nov 2017 20:01

Tgt Ion:240 Resp: 526392
Ion Ratio Lower Upper
240 100
120 8.3 6.8 10.2
236 26.3 20.9 31.3





#78

Terphenyl-d14

Concen: 63.577 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG030670.D

Acq: 2 Nov 2017 20:01

Instrument :

BNA_G

ClientSampled :

PB103875BL

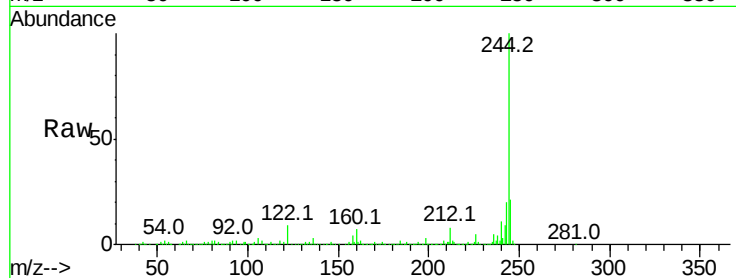
Tot Ion:244 Resp: 1471085

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	9.0	7.0	10.4

244 100

212 7.9 5.8 8.8

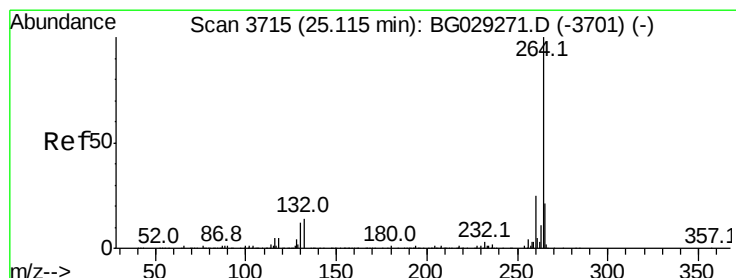
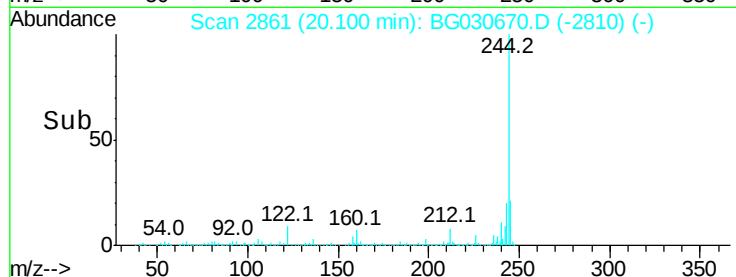
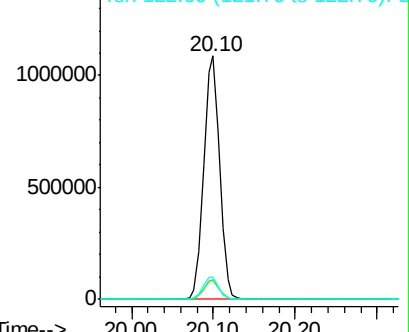
122 9.0 7.0 10.4



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: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG030670.D

Acq: 2 Nov 2017 20:01

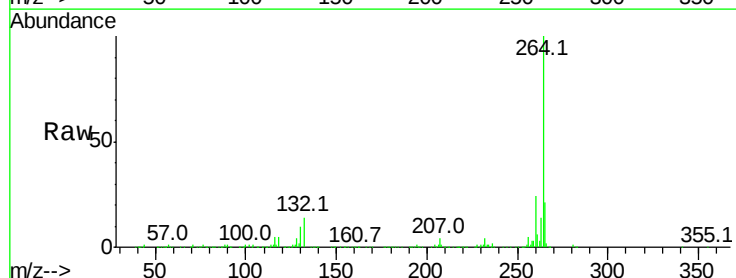
Tgt Ion:264 Resp: 542386

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.1	17.7	26.5

264 100

260 23.7 17.4 26.0

265 21.1 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

