

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031799.D
 Acq On : 27 Dec 2017 16:44
 Operator : SJ/JU
 Sample : PB105354BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105354BL

Quant Time: Dec 28 07:37:42 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	43076	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	175965	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	125972	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	354864	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	451095	20.00	ng	-0.06
86) Perylene-d12	26.26	264	477826	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	234336	99.08	ng	-0.02
7) Phenol-d6	7.91	99	299452	97.52	ng	-0.02
23) Nitrobenzene-d5	10.00	82	229736	98.59	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	182003	94.69	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	873107	86.99	ng	-0.03
78) Terphenyl-d14	20.70	244	1714791	86.85	ng	-0.04

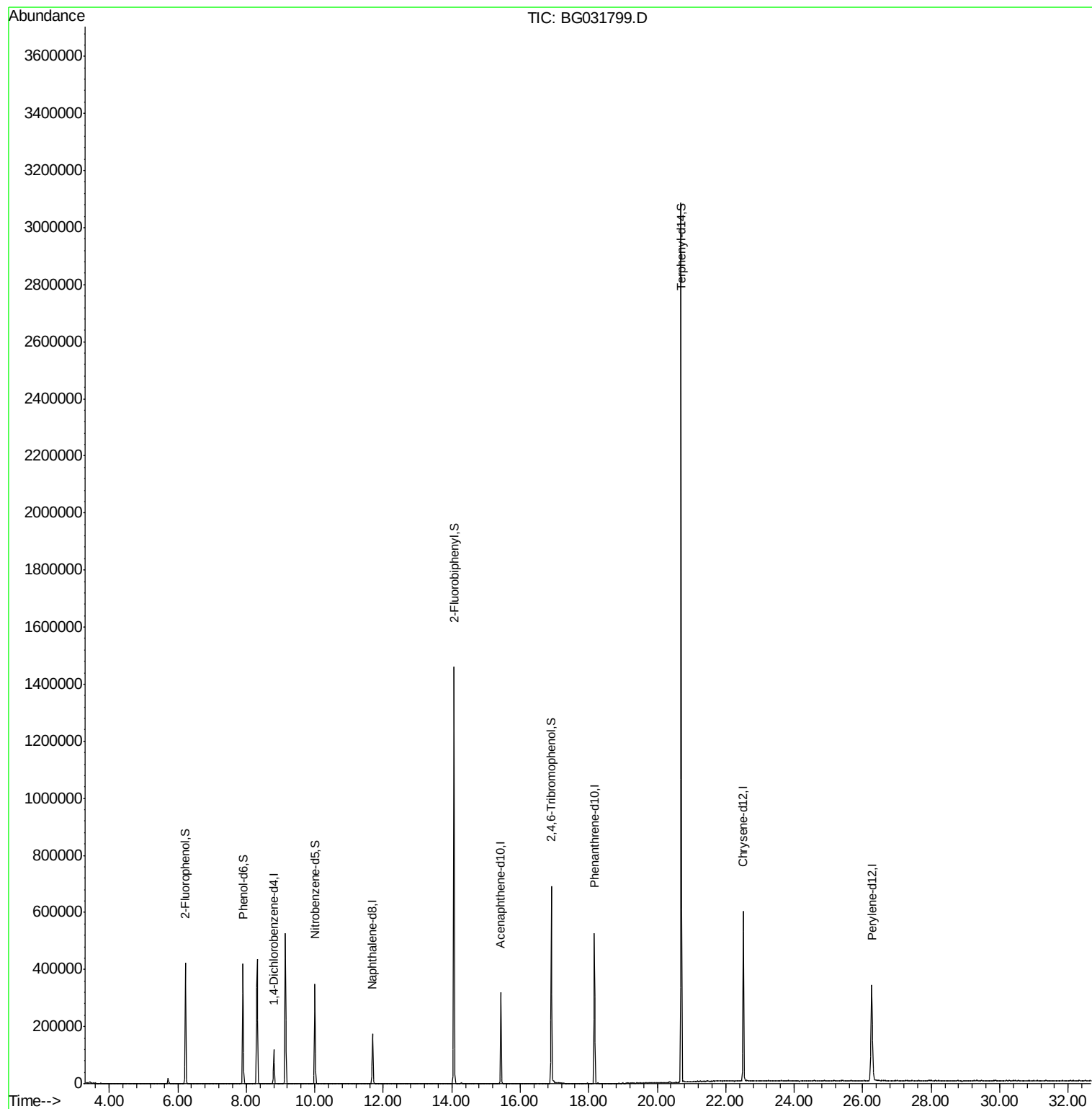
Target Compounds Qvalue

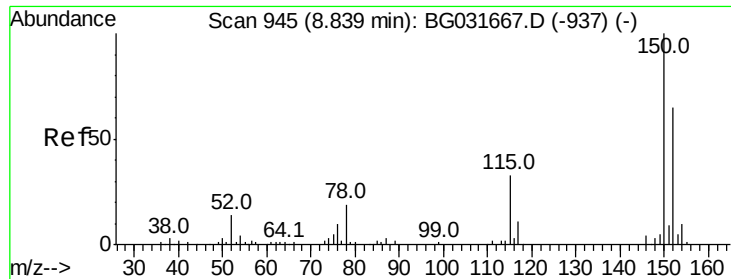
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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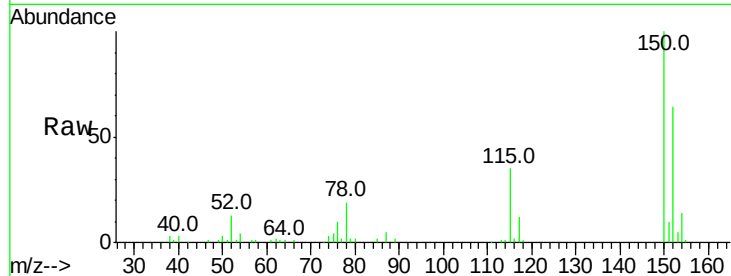


#1

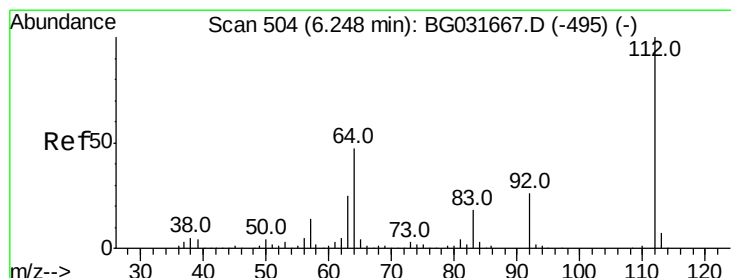
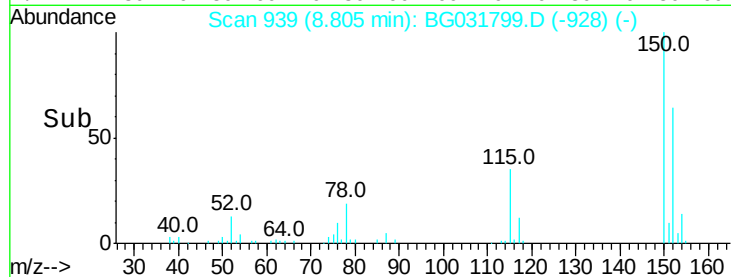
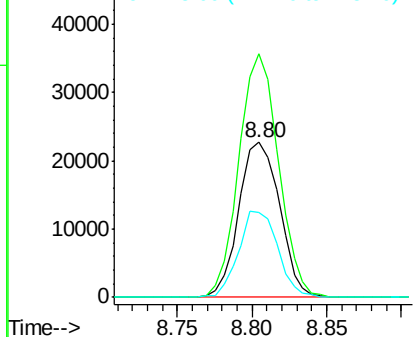
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031799.D
Acq: 27 Dec 2017 16:44

Instrument :
BNA_G
ClientSampleId :
PB105354BL

Tot Ion:152 Resp: 43076
Ion Ratio Lower Upper
152 100
150 157.1 126.6 189.8
115 54.6 53.0 79.4



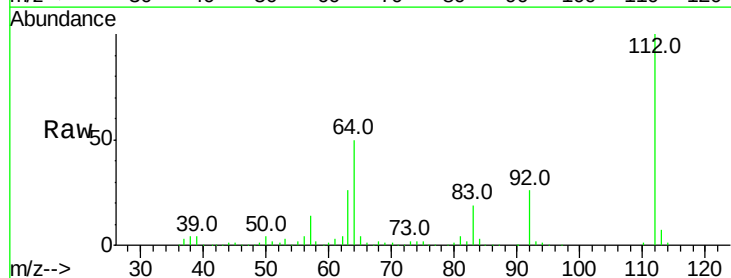
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



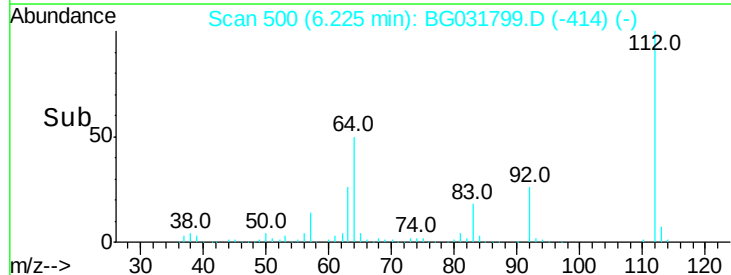
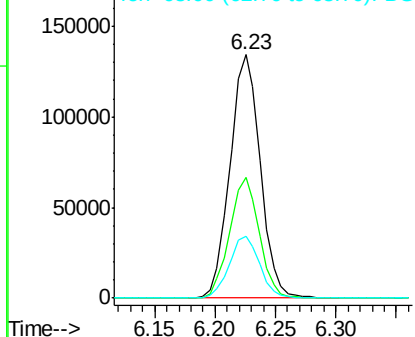
#5

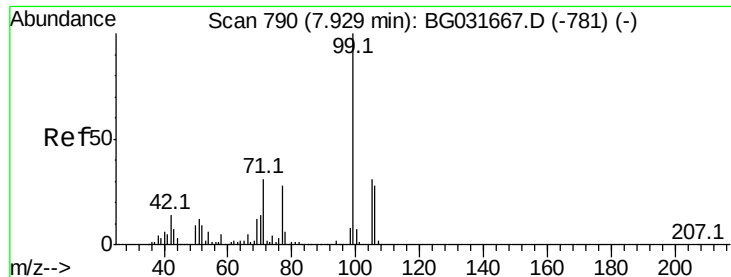
2-Fluorophenol
Concen: 99.084 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031799.D
Acq: 27 Dec 2017 16:44

Tgt Ion:112 Resp: 234336
Ion Ratio Lower Upper
112 100
64 49.8 56.3 84.5#
63 25.7 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: 97.523 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031799.D

Acq: 27 Dec 2017 16:44

Instrument :

BNA_G

ClientSampleId :

PB105354BL

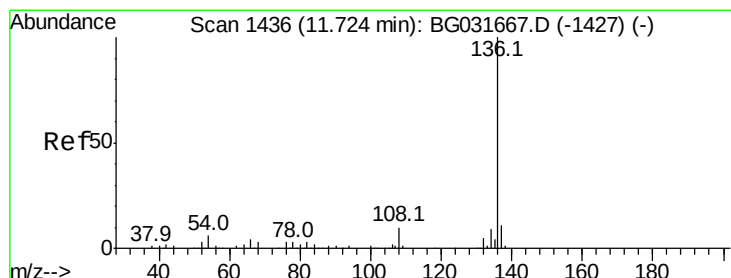
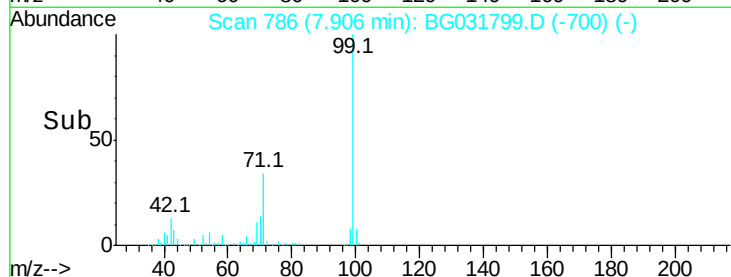
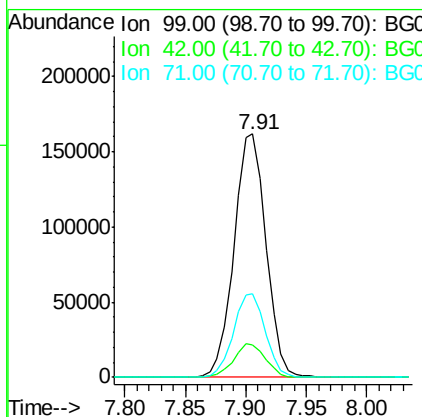
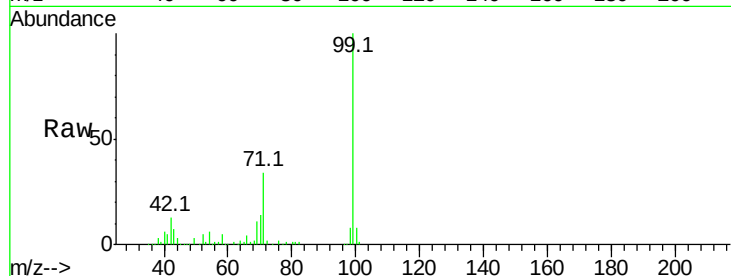
Tot Ion: 99 Resp: 299452

Ion Ratio Lower Upper

99 100

42 13.4 14.1 21.1#

71 34.3 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.69 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BG031799.D

Acq: 27 Dec 2017 16:44

Tgt Ion: 136 Resp: 175965

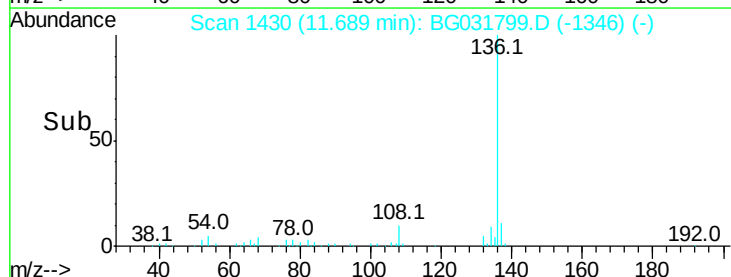
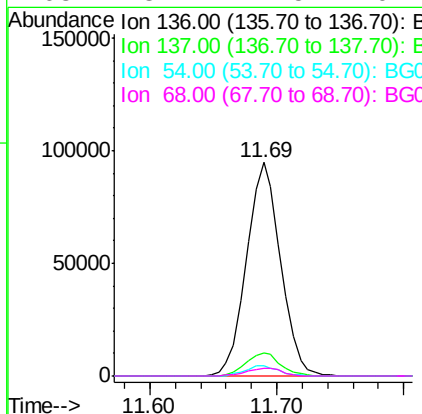
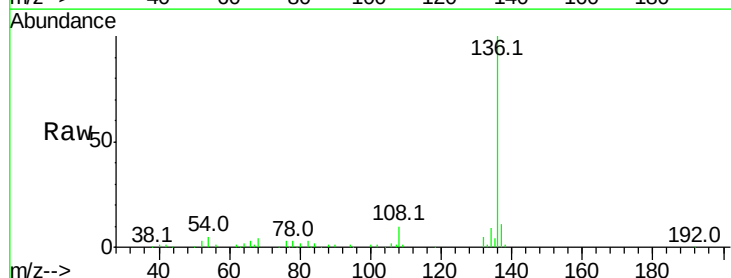
Ion Ratio Lower Upper

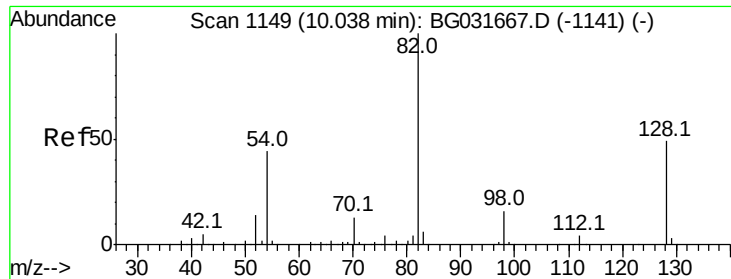
136 100

137 10.8 9.2 13.8

54 5.0 10.3 15.5#

68 3.7 4.5 6.7#

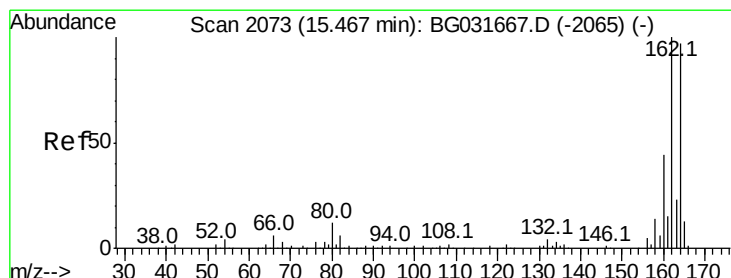
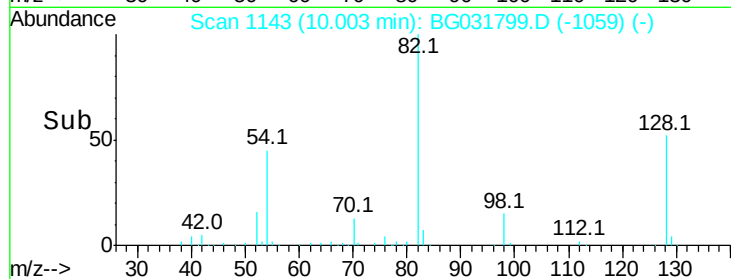
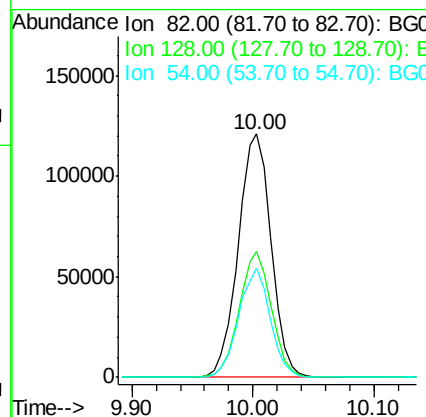
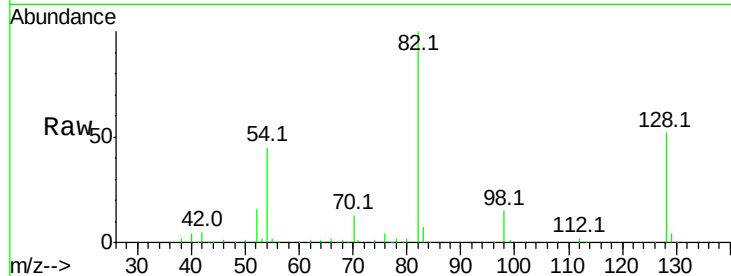




#23
 Nitrobenzene-d5
 Concen: 98.587 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.03 min
 Lab File: BG031799.D
 Acq: 27 Dec 2017 16:44

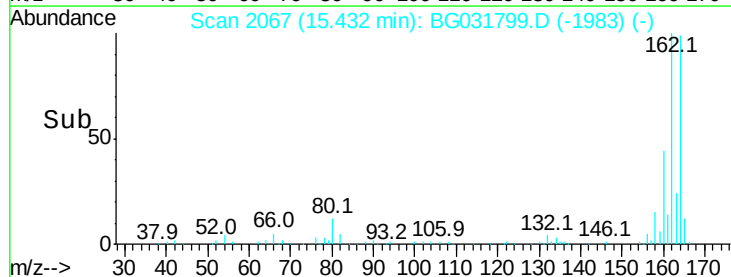
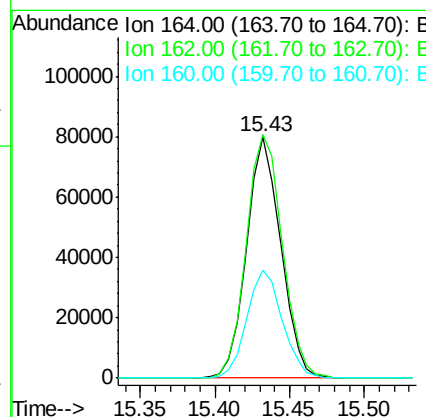
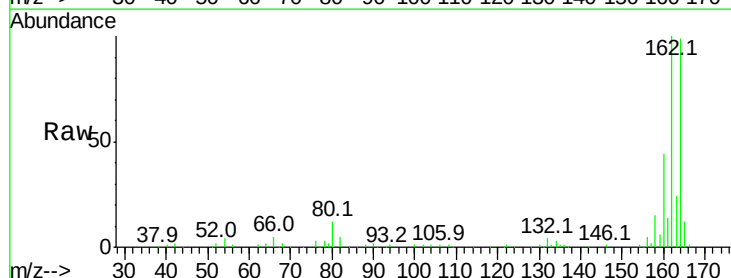
Instrument :
 BNA_G
 ClientSampleId :
 PB105354BL

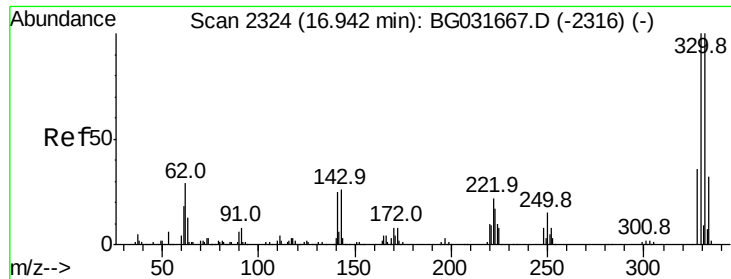
Tot Ion: 82 Resp: 229736
 Ion Ratio Lower Upper
 82 100
 128 51.7 29.7 44.5#
 54 44.9 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. -0.03 min
 Lab File: BG031799.D
 Acq: 27 Dec 2017 16:44

Tgt Ion:164 Resp: 125972
 Ion Ratio Lower Upper
 164 100
 162 100.9 78.8 118.2
 160 44.7 35.4 53.0

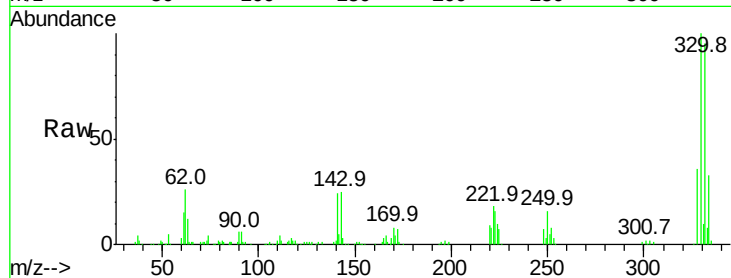




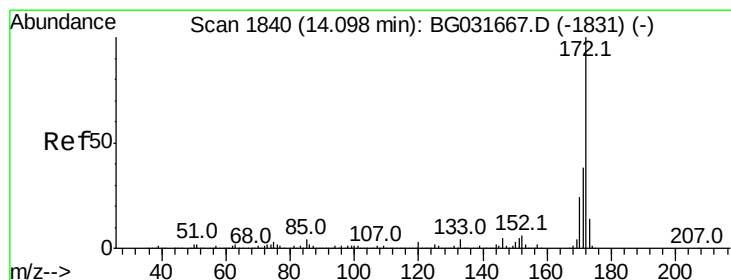
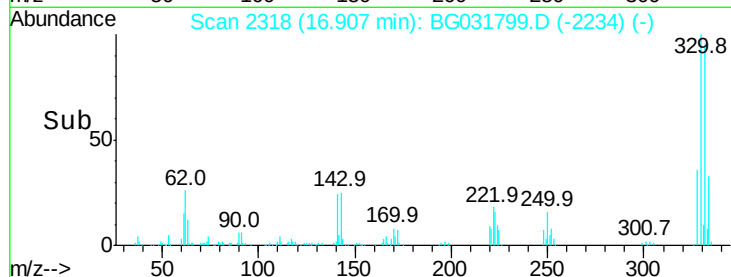
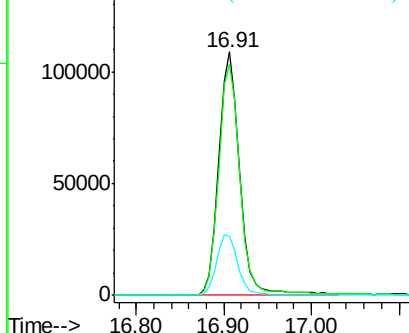
#41
 2,4,6-Tribromophenol
 Concen: 94.687 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.03 min
 Lab File: BG031799.D
 Acq: 27 Dec 2017 16:44

Instrument :
 BNA_G
 ClientSampleId :
 PB105354BL

Tot Ion:330 Resp: 182003
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 25.1 25.2 37.8#

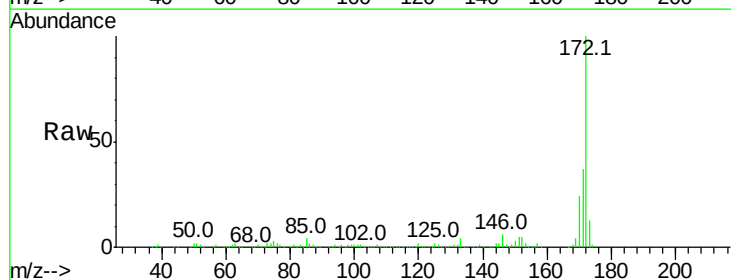


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

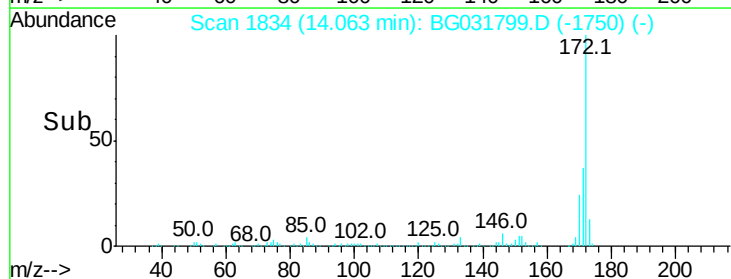
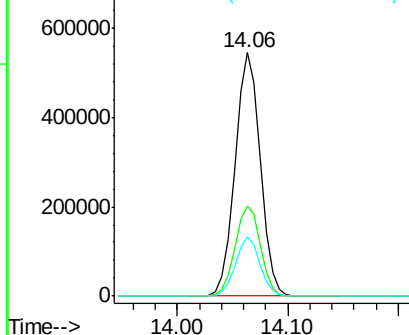


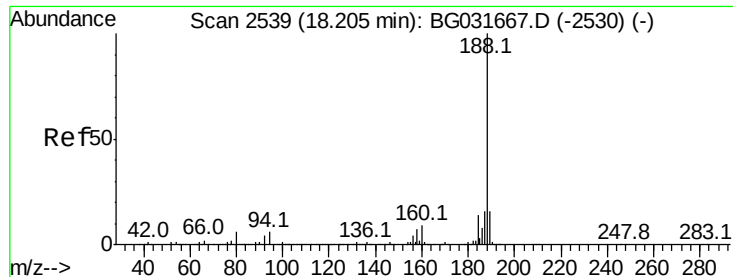
#44
 2-Fluorobiphenyl
 Concen: 86.993 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031799.D
 Acq: 27 Dec 2017 16:44

Tgt Ion:172 Resp: 873107
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 24.2 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

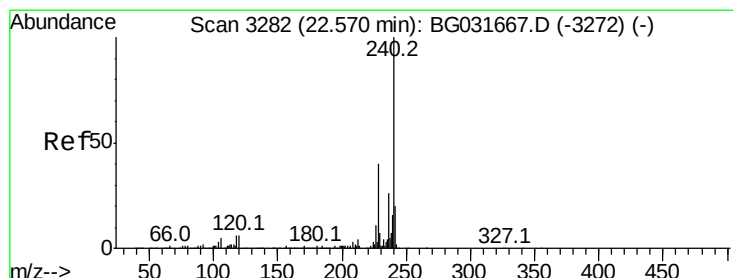
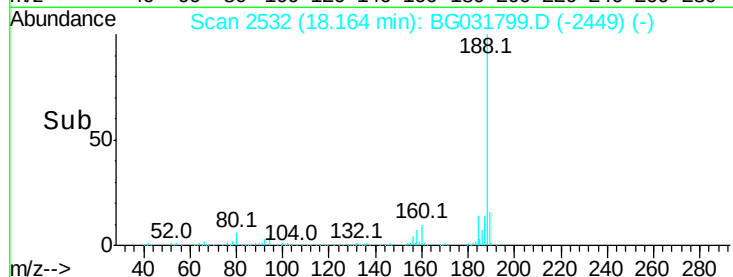
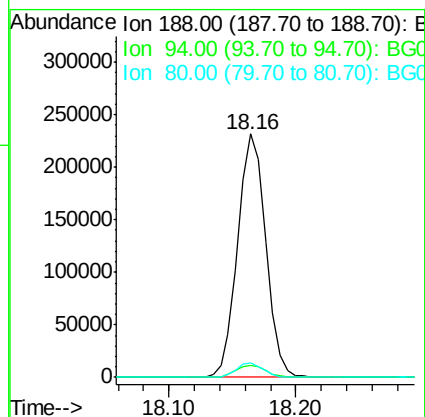
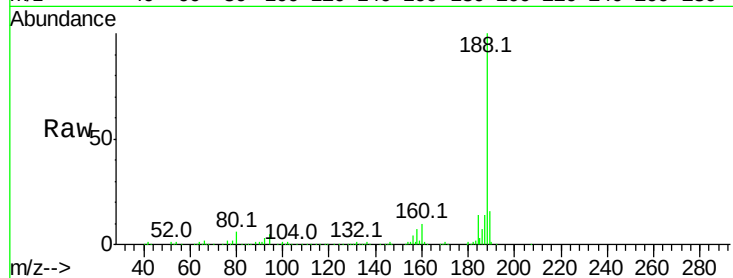




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031799.D
Acq: 27 Dec 2017 16:44

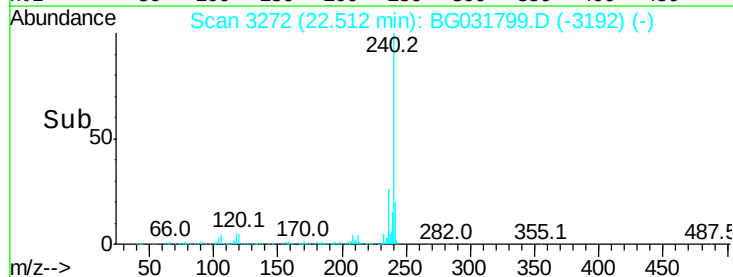
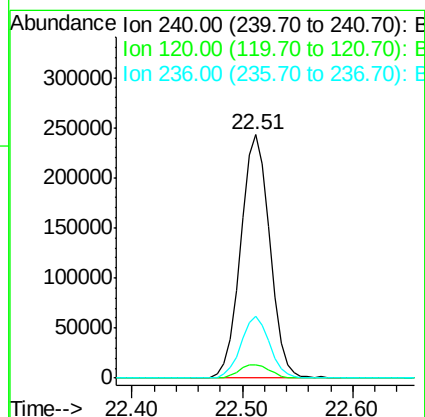
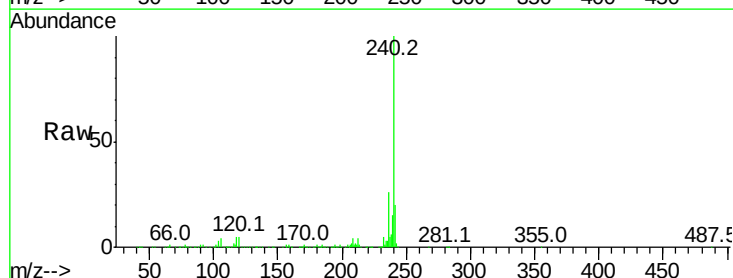
Instrument :
BNA_G
ClientSampleId :
PB105354BL

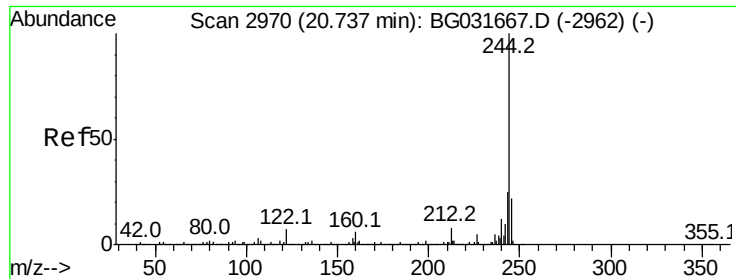
Tot Ion:188 Resp: 354864
Ion Ratio Lower Upper
188 100
94 5.0 6.9 10.3#
80 6.1 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031799.D
Acq: 27 Dec 2017 16:44

Tgt Ion:240 Resp: 451095
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 86.849 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031799.D

Acq: 27 Dec 2017 16:44

Instrument :

BNA_G

ClientSampleId :

PB105354BL

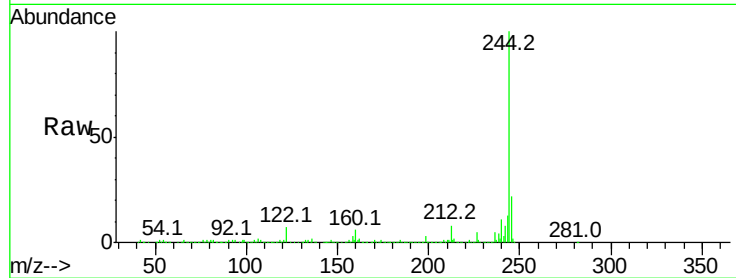
Tot Ion:244 Resp: 1714791

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

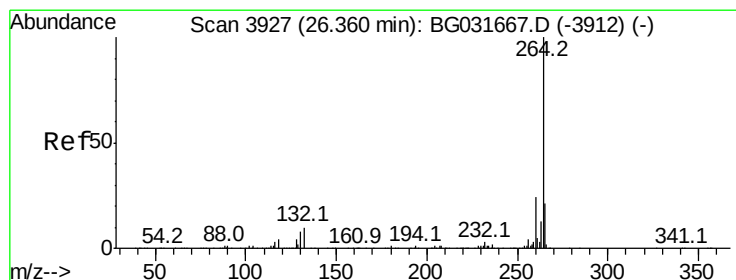
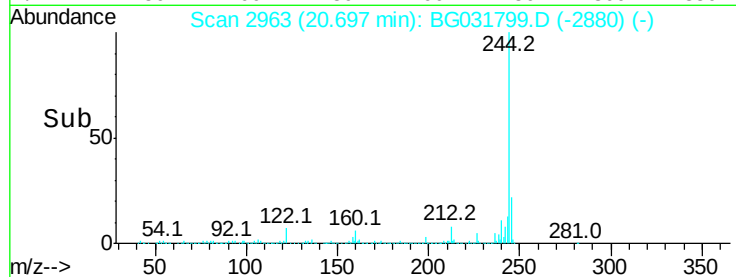
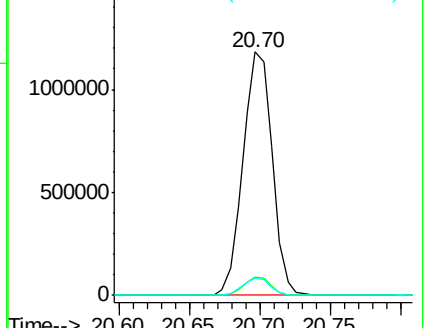
122 7.0 7.0 10.4



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: 26.26 min Scan# 3910

Delta R.T. -0.10 min

Lab File: BG031799.D

Acq: 27 Dec 2017 16:44

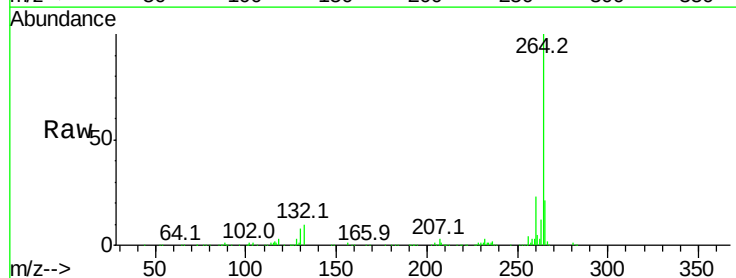
Tgt Ion:264 Resp: 477826

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 21.4 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

