

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031700.D
 Acq On : 22 Dec 2017 8:01
 Operator : SJ/JU
 Sample : I6681-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-121917-B

Quant Time: Dec 22 08:42:33 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 03:38:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	53069	20.00	ng	-0.01
21) Naphthalene-d8	11.72	136	210804	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	139534	20.00	ng	0.00
63) Phenanthrene-d10	18.19	188	375610	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	463287	20.00	ng	-0.02
86) Perylene-d12	26.34	264	461532	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	389854	133.80	ng	0.00
7) Phenol-d6	7.92	99	438168	115.83	ng	0.00
23) Nitrobenzene-d5	10.02	82	284762	102.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.93	330	343101	161.15	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	1022535	91.98	ng	0.00
78) Terphenyl-d14	20.73	244	1961293	96.72	ng	0.00

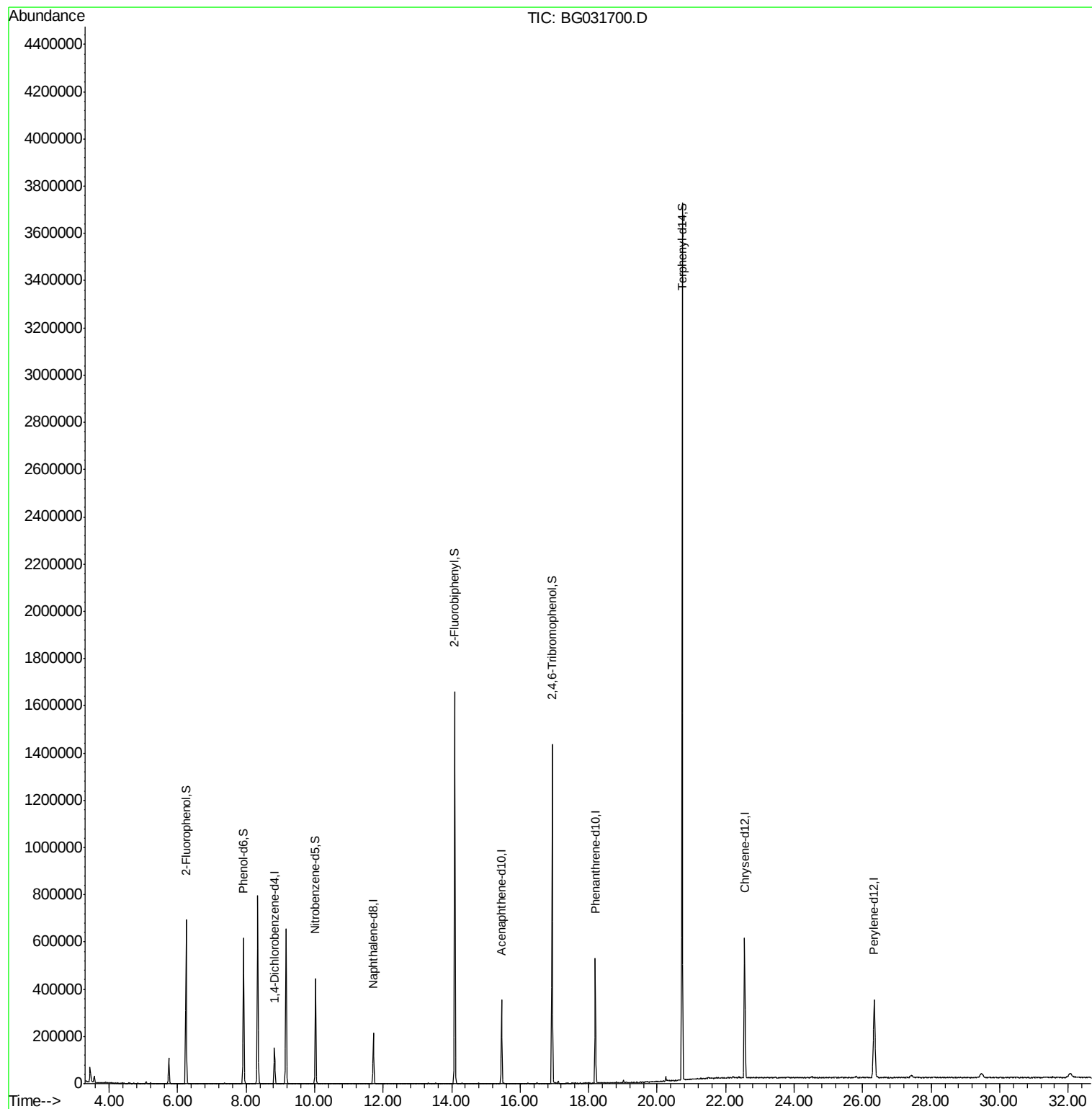
Target Compounds Qvalue

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

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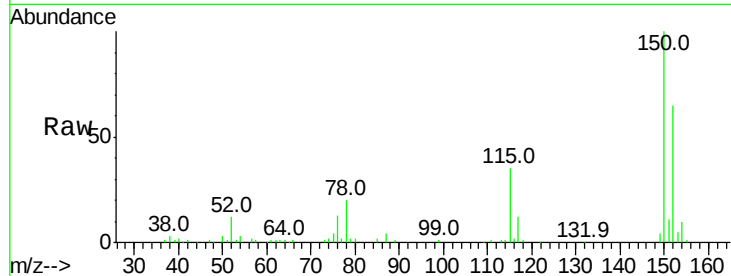


#1

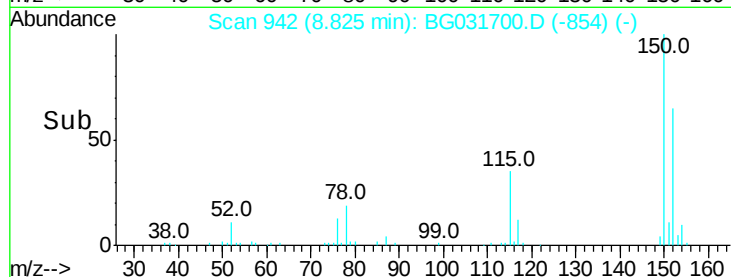
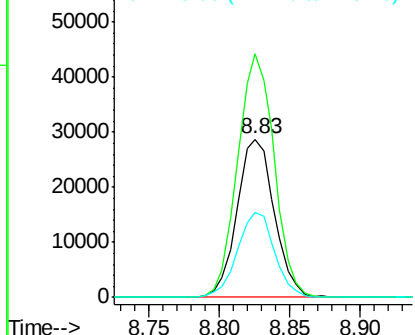
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BG031700.D
 Acq: 22 Dec 2017 8:01

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-121917-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.6	189.8
115	53.8	53.0	79.4



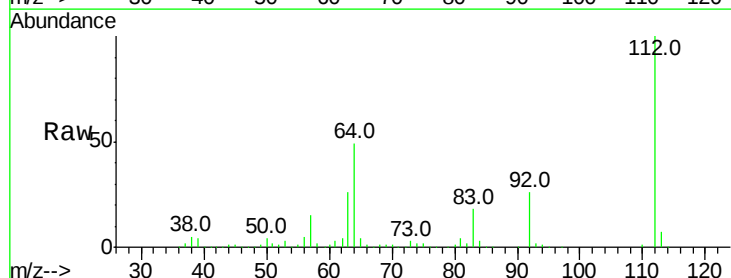
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



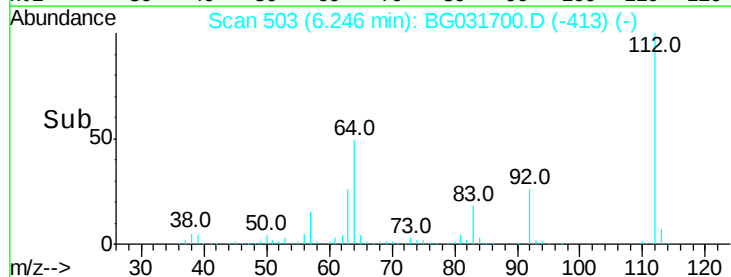
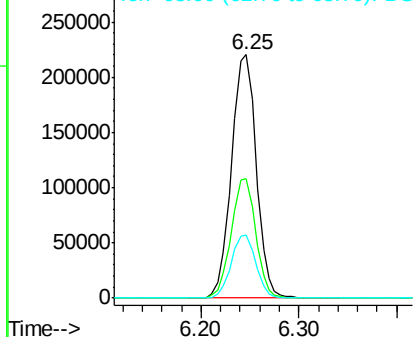
#5

2-Fluorophenol
 Concen: 133.802 ng
 RT: 6.25 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BG031700.D
 Acq: 22 Dec 2017 8:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.8	56.3	84.5#
63	25.9	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: 115.829 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031700.D

Acq: 22 Dec 2017 8:01

Instrument :

BNA_G

ClientSampleId :

PL-01-121917-B

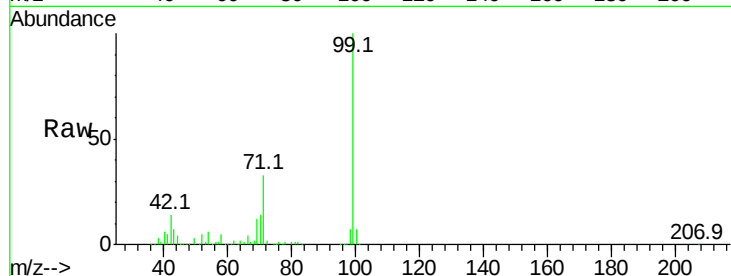
Tot Ion: 99 Resp: 438168

Ion Ratio Lower Upper

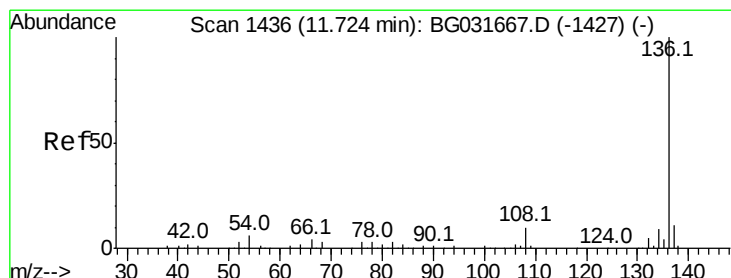
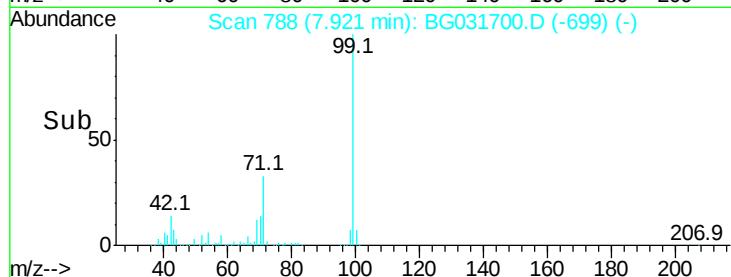
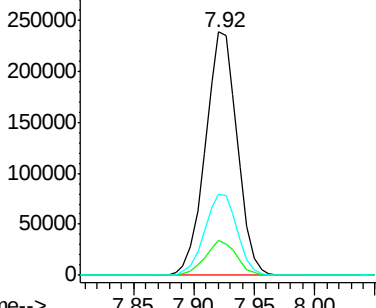
99 100

42 14.2 14.1 21.1

71 33.3 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: 11.72 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BG031700.D

Acq: 22 Dec 2017 8:01

Tgt Ion: 136 Resp: 210804

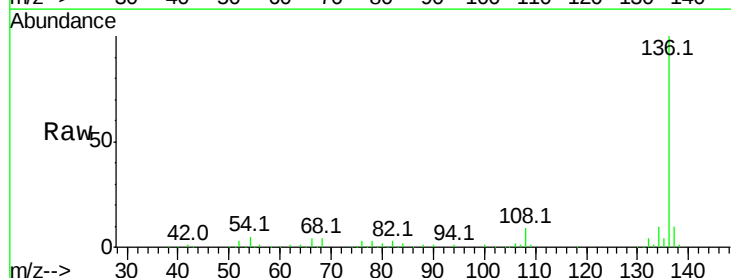
Ion Ratio Lower Upper

136 100

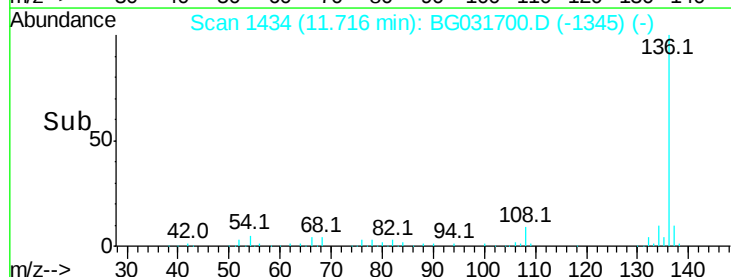
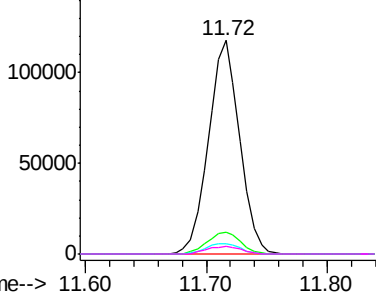
137 9.9 9.2 13.8

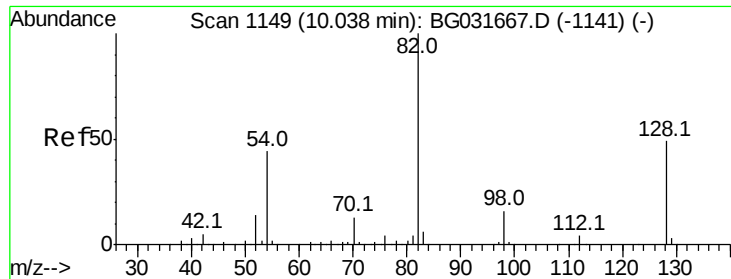
54 4.8 10.3 15.5#

68 3.6 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

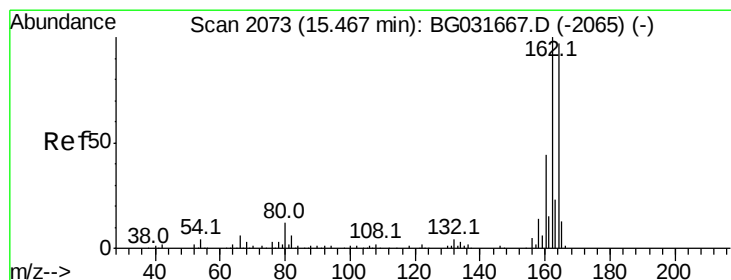
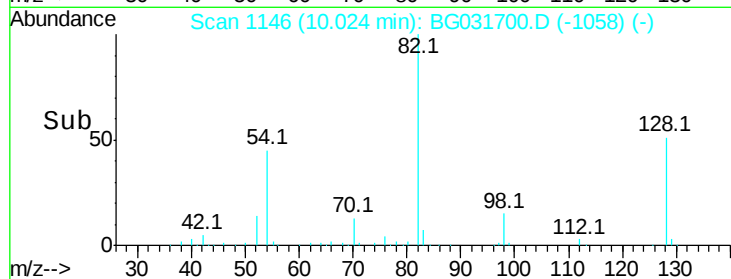
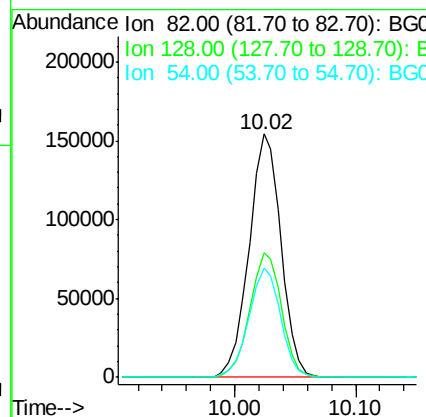
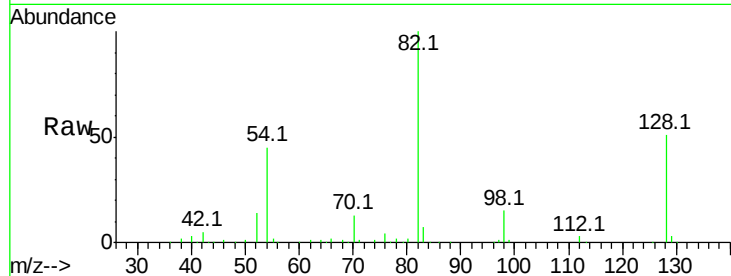




#23
Nitrobenzene-d5
Concen: 102.005 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BG031700.D
Acq: 22 Dec 2017 8:01

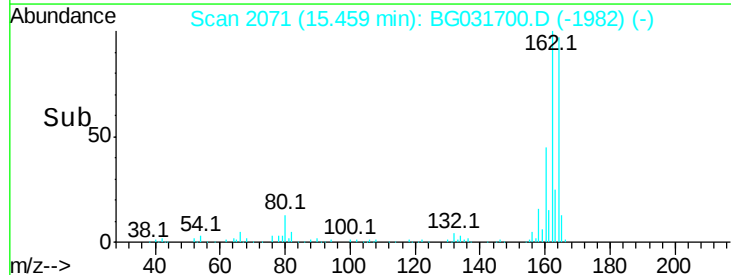
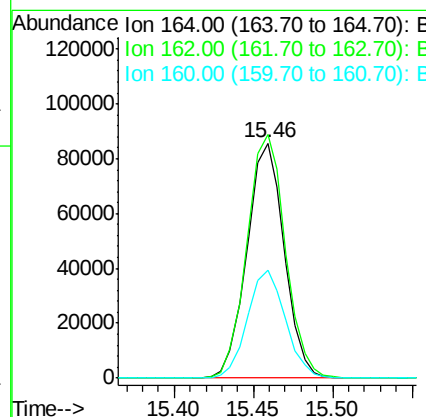
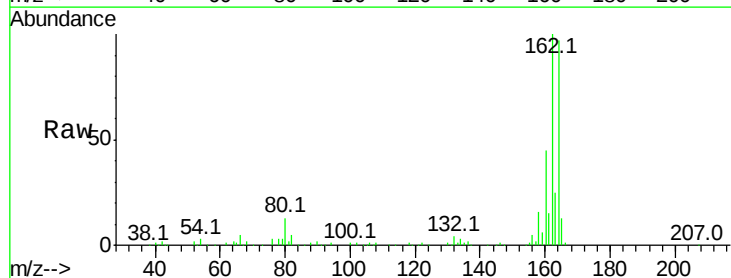
Instrument :
BNA_G
ClientSampleId :
PL-01-121917-B

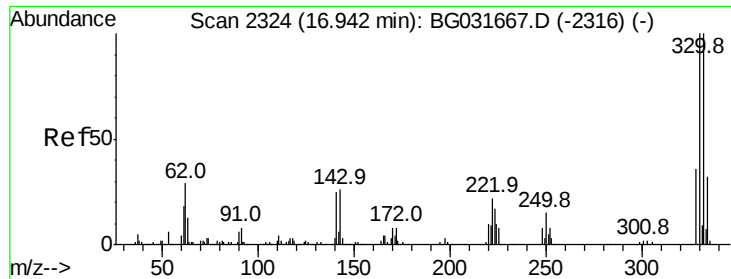
Tot Ion: 82 Resp: 284762
Ion Ratio Lower Upper
82 100
128 51.1 29.7 44.5#
54 45.1 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG031700.D
Acq: 22 Dec 2017 8:01

Tgt Ion:164 Resp: 139534
Ion Ratio Lower Upper
164 100
162 103.6 78.8 118.2
160 46.1 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 161.149 ng

RT: 16.93 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BG031700.D

Acq: 22 Dec 2017 8:01

Instrument :

BNA_G

ClientSampleId :

PL-01-121917-B

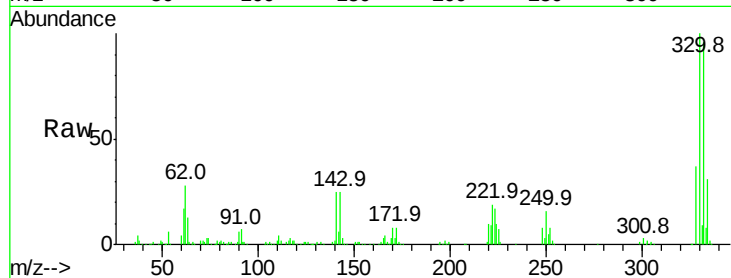
Tot Ion:330 Resp: 343101

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

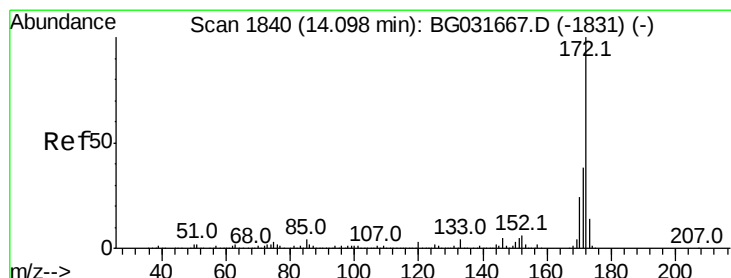
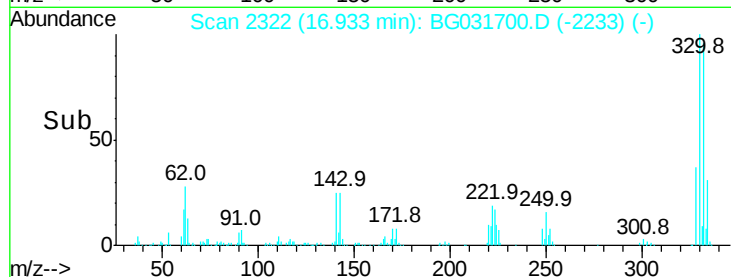
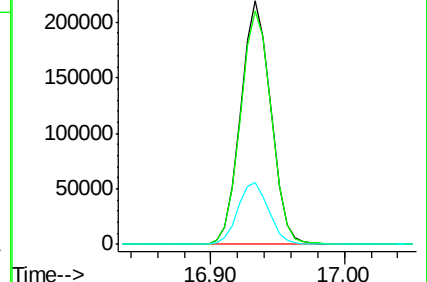
141 26.1 25.2 37.8



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: 91.979 ng

RT: 14.09 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BG031700.D

Acq: 22 Dec 2017 8:01

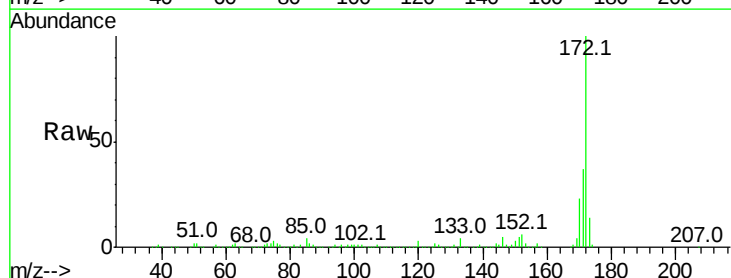
Tgt Ion:172 Resp: 1022535

Ion Ratio Lower Upper

172 100

171 37.4 30.0 45.0

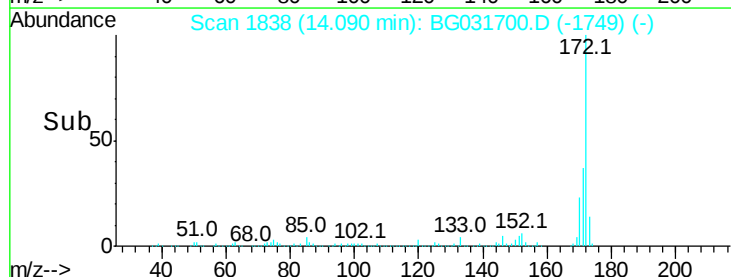
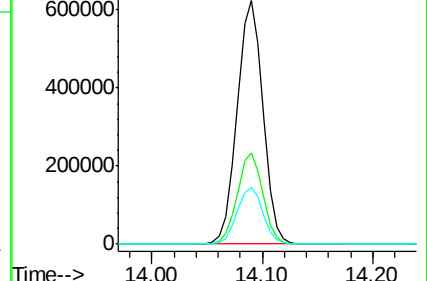
170 23.5 19.5 29.3

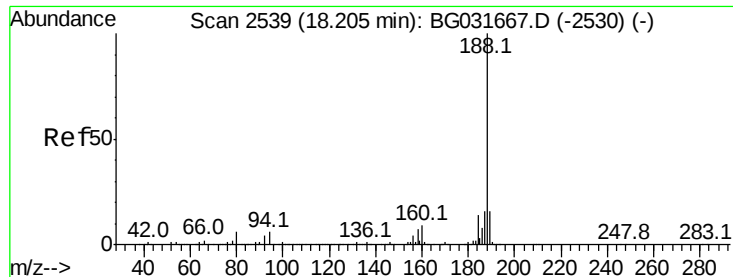


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

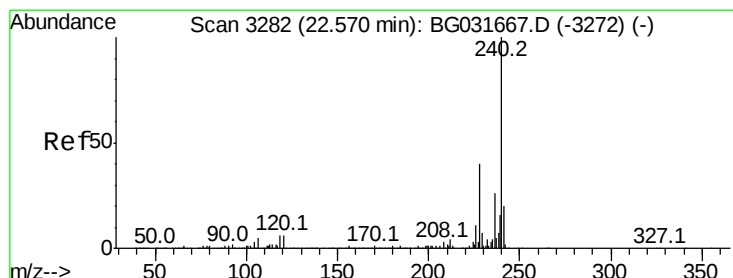
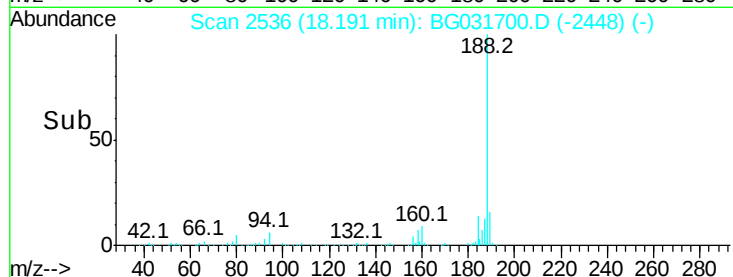
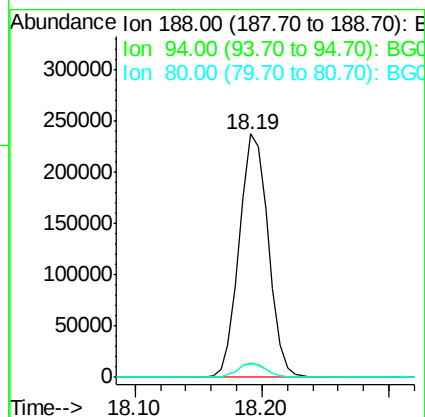
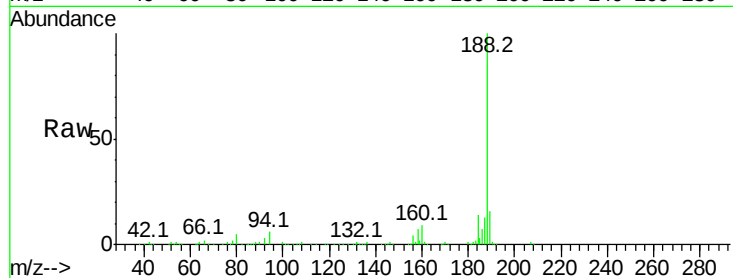




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BG031700.D
Acq: 22 Dec 2017 8:01

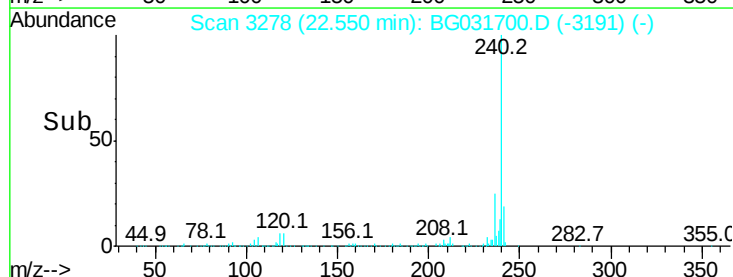
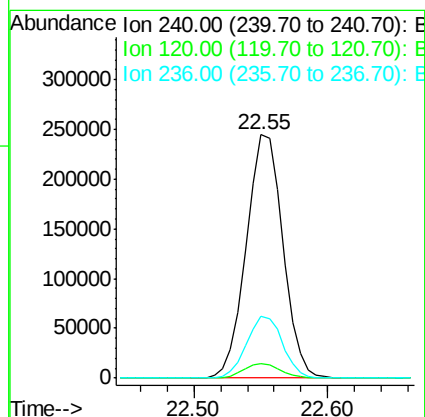
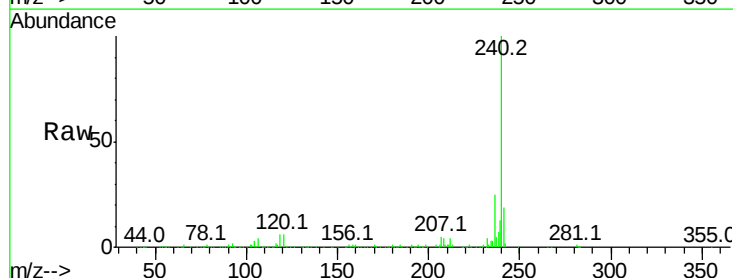
Instrument :
BNA_G
ClientSampleId :
PL-01-121917-B

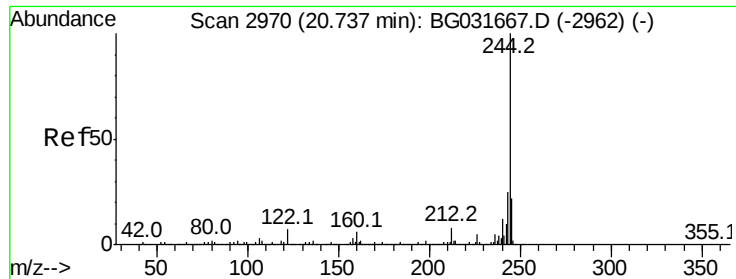
Tot Ion:188 Resp: 375610
Ion Ratio Lower Upper
188 100
94 5.8 6.9 10.3#
80 5.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.02 min
Lab File: BG031700.D
Acq: 22 Dec 2017 8:01

Tgt Ion:240 Resp: 463287
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 25.2 20.9 31.3

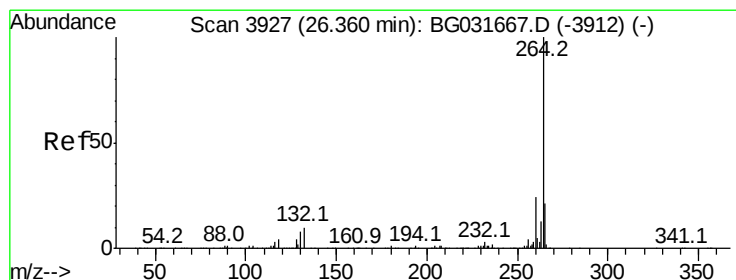
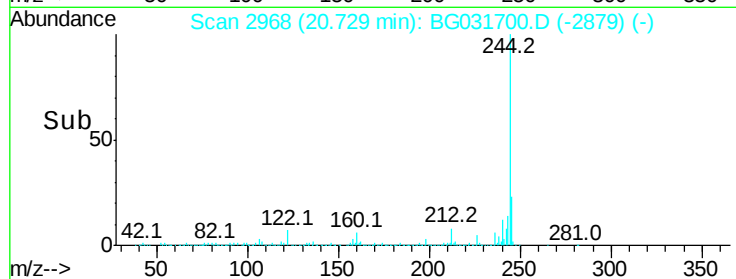
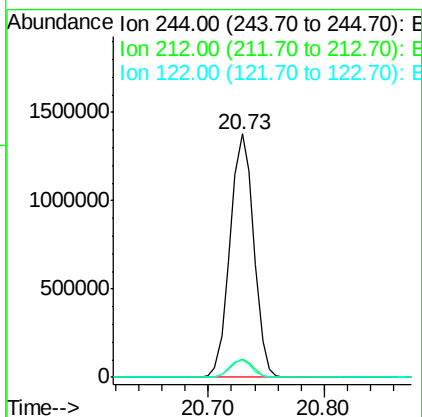
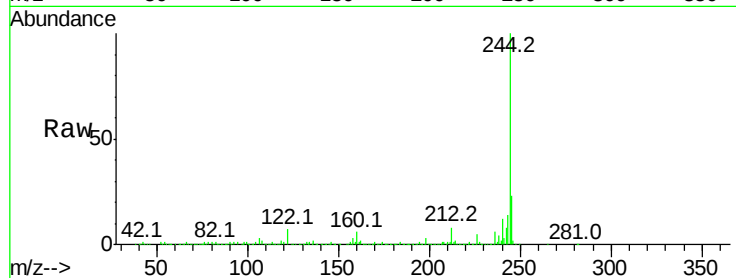




#78
 Terphenyl-d14
 Concen: 96.719 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BG031700.D
 Acq: 22 Dec 2017 8:01

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-121917-B

Tot Ion:244 Resp: 1961293
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 7.3 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.34 min Scan# 3923
 Delta R.T. -0.02 min
 Lab File: BG031700.D
 Acq: 22 Dec 2017 8:01

Tgt Ion:264 Resp: 461532
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.4 26.0
 265 21.7 17.7 26.5

