

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031673.D
 Acq On : 21 Dec 2017 14:58
 Operator : SJ/JU
 Sample : PB105021BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105021BL

Quant Time: Dec 21 17:23:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 14:09:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	56117	20.00	ng	0.00
21) Naphthalene-d8	11.72	136	227238	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	155474	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	409073	20.00	ng	0.00
75) Chrysene-d12	22.57	240	516807	20.00	ng	0.00
86) Perylene-d12	26.36	264	533424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	407239	132.18	ng	0.00
7) Phenol-d6	7.93	99	503252	125.81	ng	0.00
23) Nitrobenzene-d5	10.03	82	252133	83.78	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	301710	127.18	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	992060	80.09	ng	0.00
78) Terphenyl-d14	20.74	244	1841967	81.43	ng	0.00

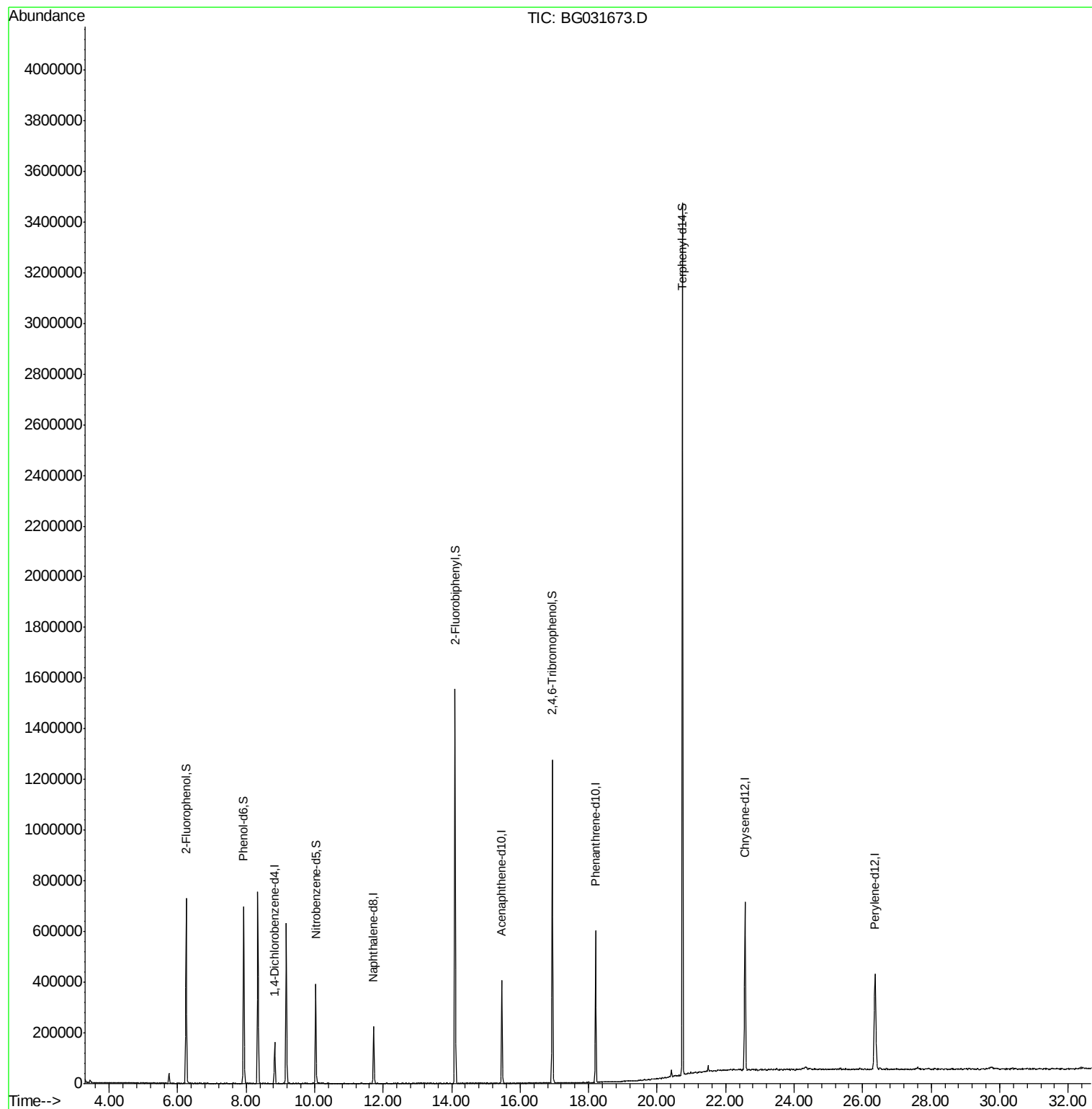
Target Compounds Qvalue

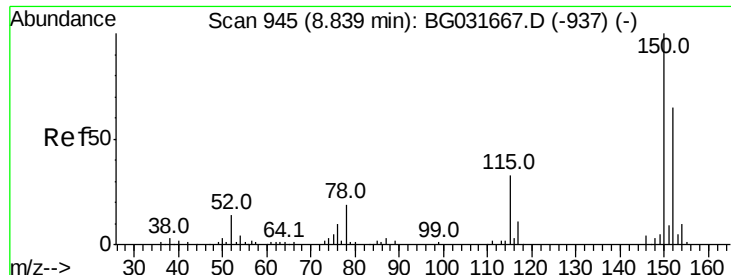
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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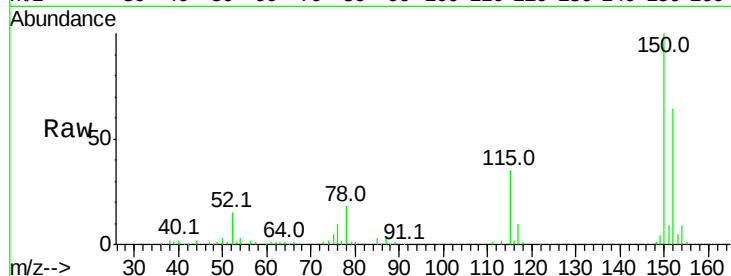


#1

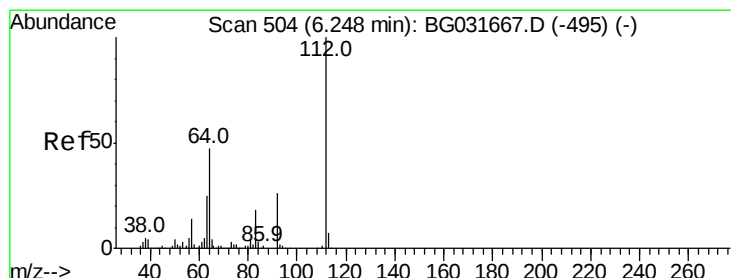
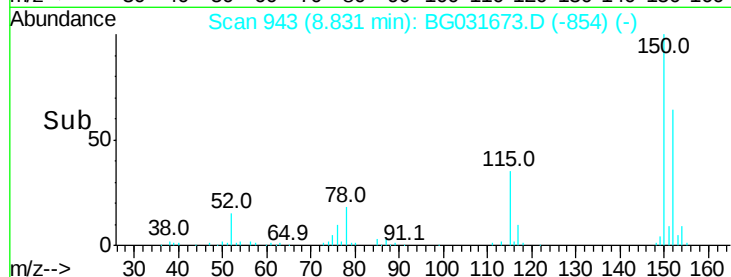
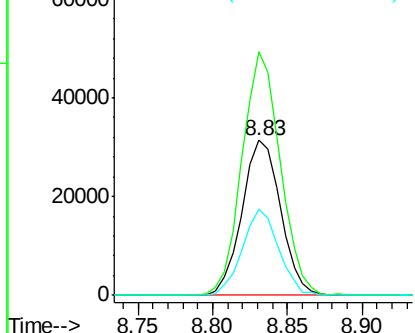
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG031673.D
Acq: 21 Dec 2017 14:58

Instrument :
BNA_G
ClientSampleId :
PB105021BL

Tot Ion:152 Resp: 56117
Ion Ratio Lower Upper
152 100
150 157.3 126.6 189.8
115 55.7 53.0 79.4



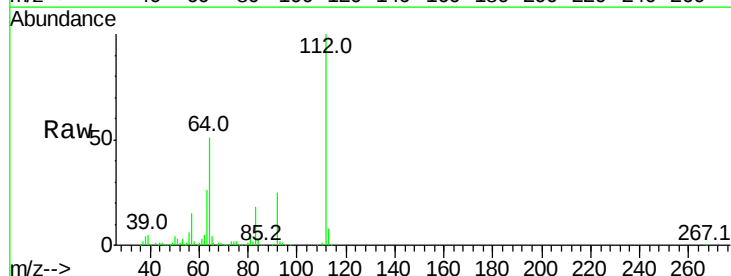
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



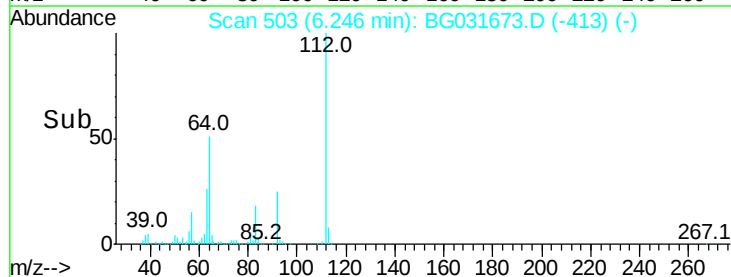
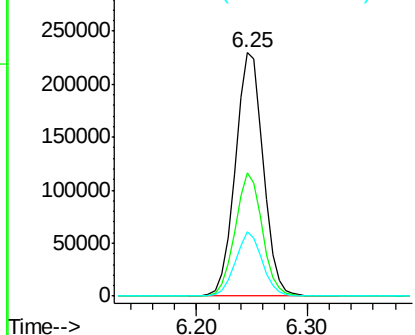
#5

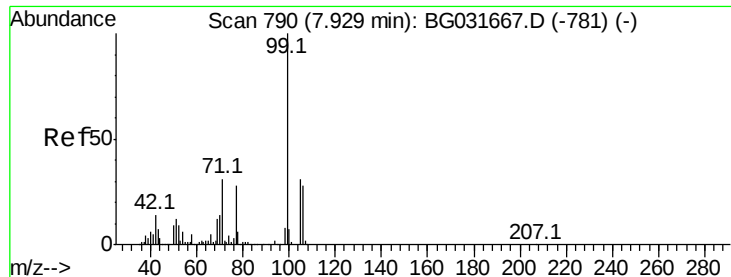
2-Fluorophenol
Concen: 132.177 ng
RT: 6.25 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031673.D
Acq: 21 Dec 2017 14:58

Tgt Ion:112 Resp: 407239
Ion Ratio Lower Upper
112 100
64 50.7 56.3 84.5#
63 26.5 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: 125.808 ng

RT: 7.93 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Instrument :

BNA_G

ClientSampleId :

PB105021BL

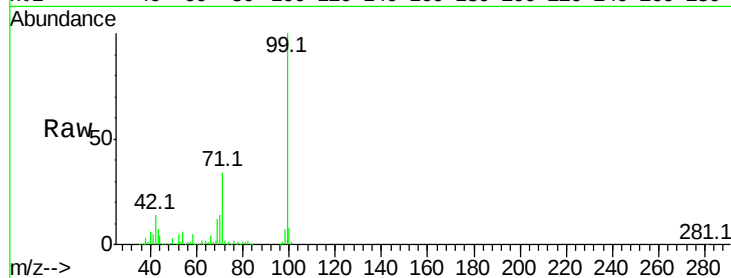
Tot Ion: 99 Resp: 503252

Ion Ratio Lower Upper

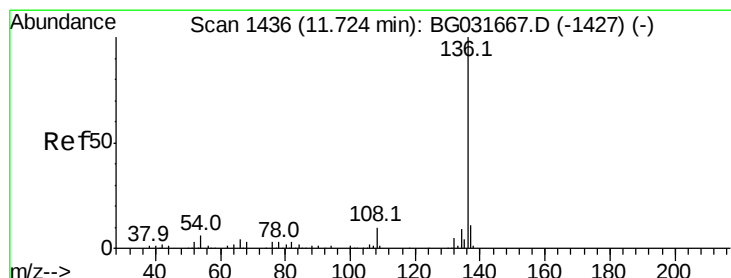
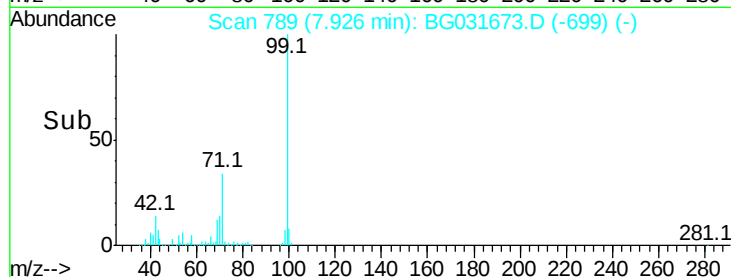
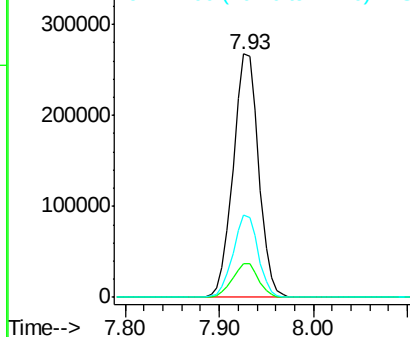
99 100

42 14.0 14.1 21.1#

71 34.0 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# 1435

Delta R.T. -0.00 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Tgt Ion: 136 Resp: 227238

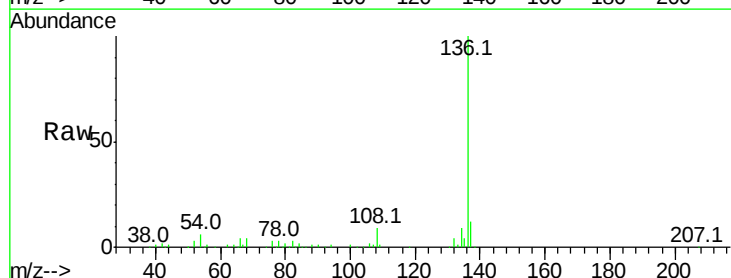
Ion Ratio Lower Upper

136 100

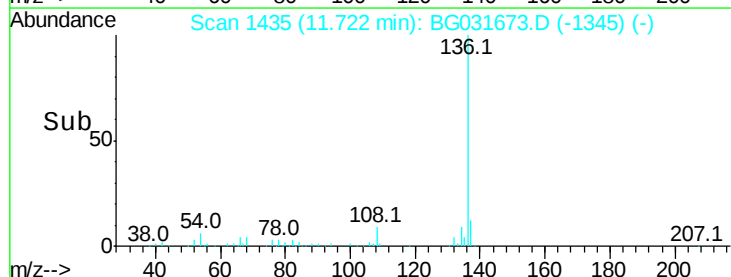
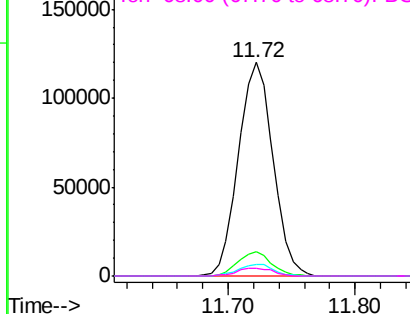
137 11.6 9.2 13.8

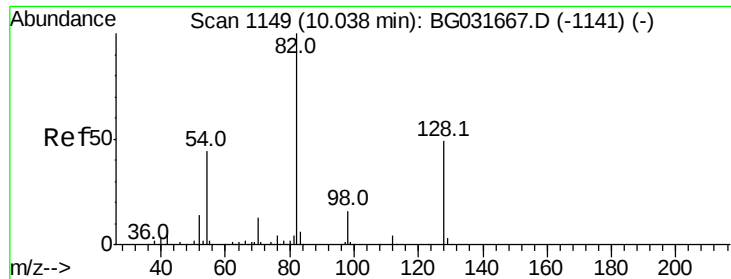
54 5.5 10.3 15.5#

68 3.8 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

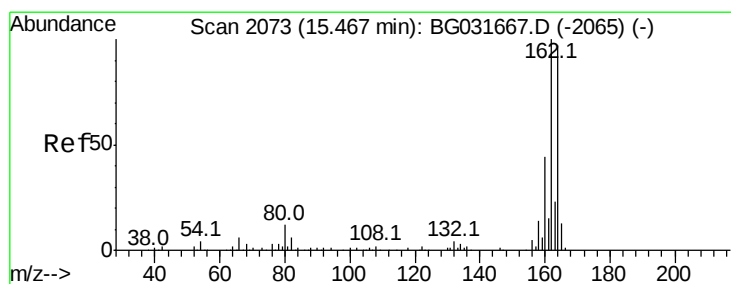
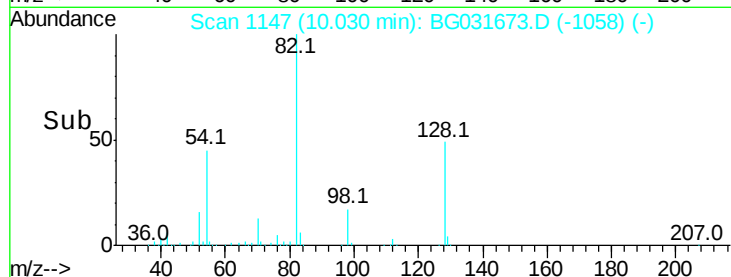
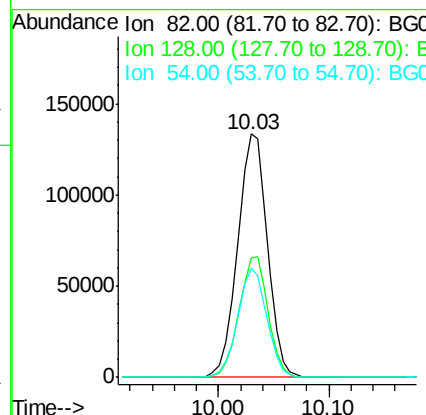
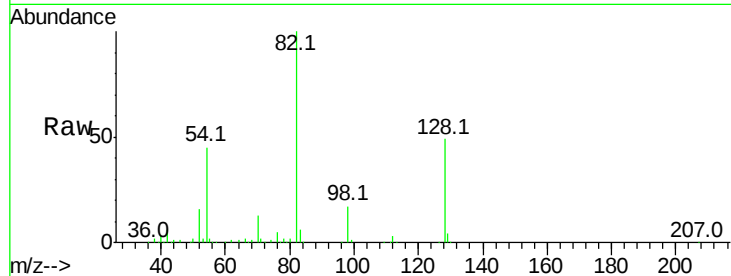




#23
Nitrobenzene-d5
Concen: 83.785 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031673.D
Acq: 21 Dec 2017 14:58

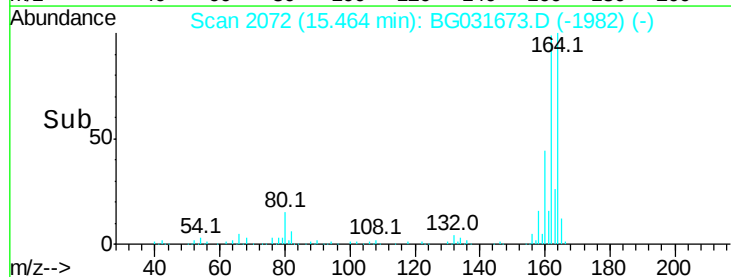
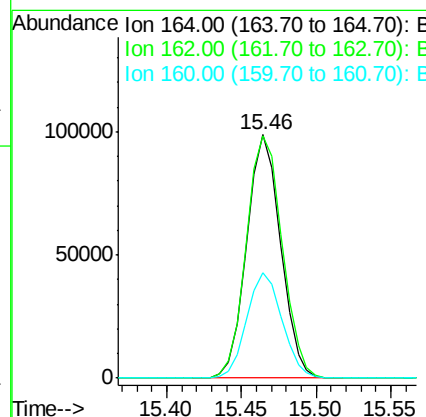
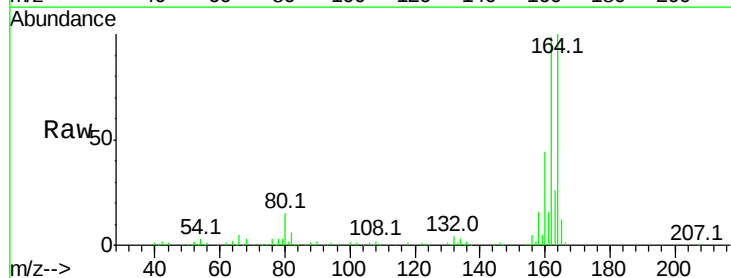
Instrument :
BNA_G
ClientSampleId :
PB105021BL

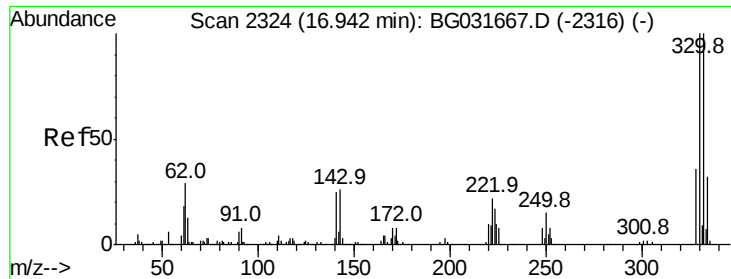
Tot Ion: 82 Resp: 252133
Ion Ratio Lower Upper
82 100
128 49.2 29.7 44.5#
54 44.9 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG031673.D
Acq: 21 Dec 2017 14:58

Tgt Ion:164 Resp: 155474
Ion Ratio Lower Upper
164 100
162 99.4 78.8 118.2
160 43.5 35.4 53.0

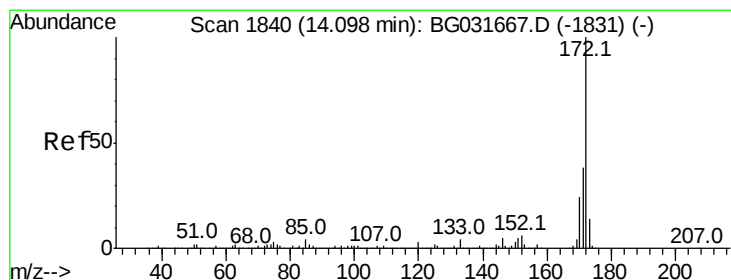
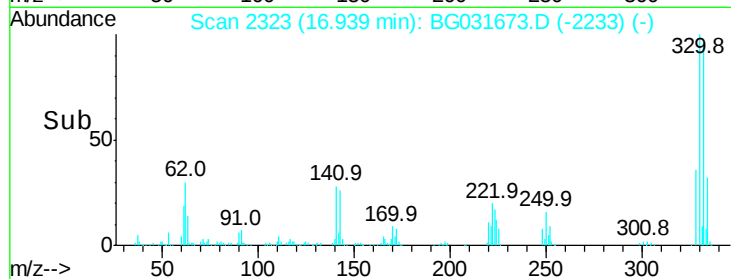
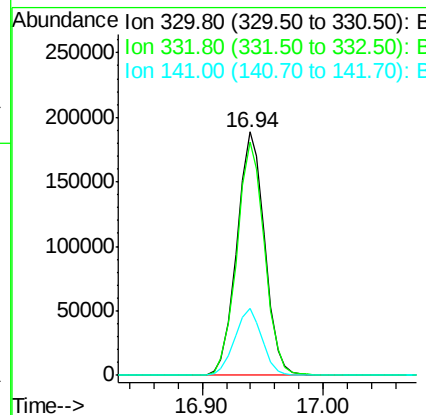
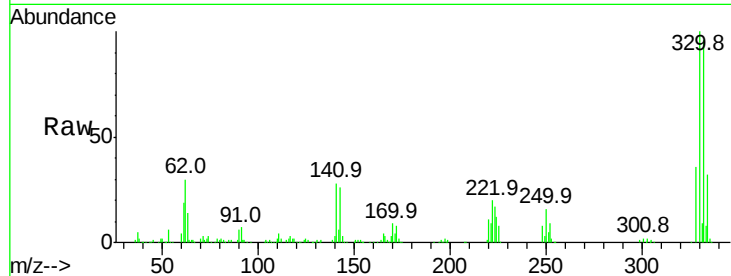




#41
 2,4,6-Tribromophenol
 Concen: 127.179 ng
 RT: 16.94 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG031673.D
 Acq: 21 Dec 2017 14:58

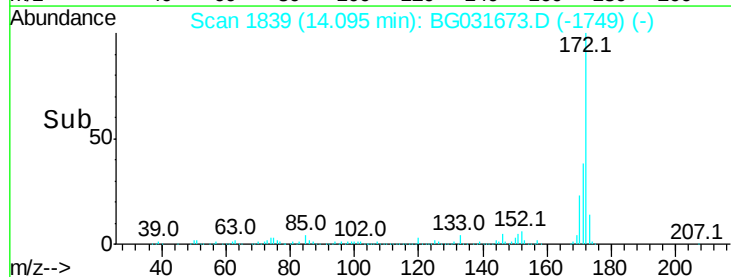
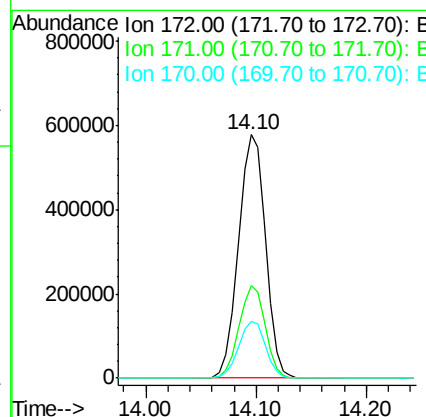
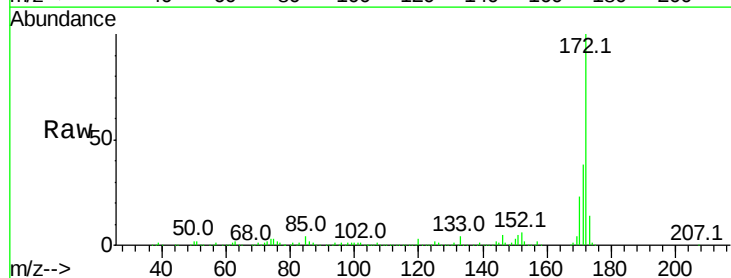
Instrument :
 BNA_G
 ClientSampleId :
 PB105021BL

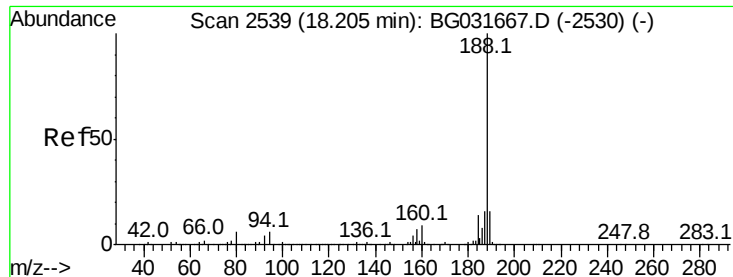
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	27.2	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 80.088 ng
 RT: 14.10 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BG031673.D
 Acq: 21 Dec 2017 14:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.3	19.5	29.3

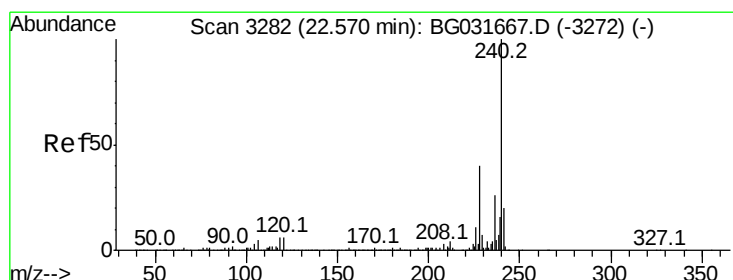
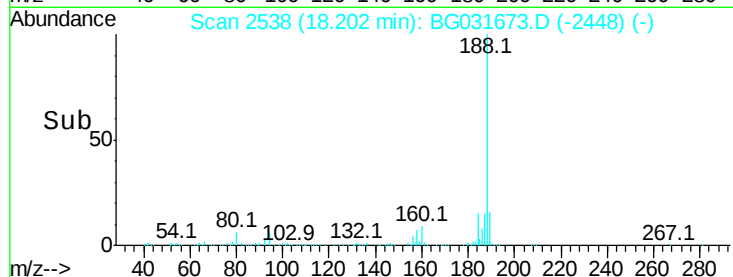
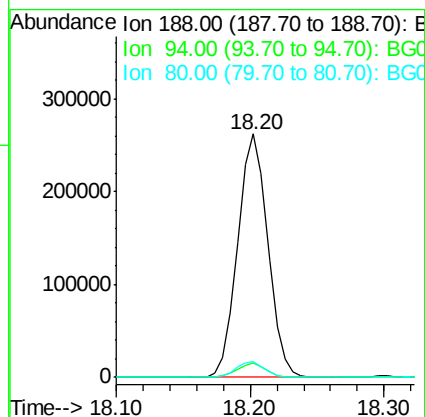
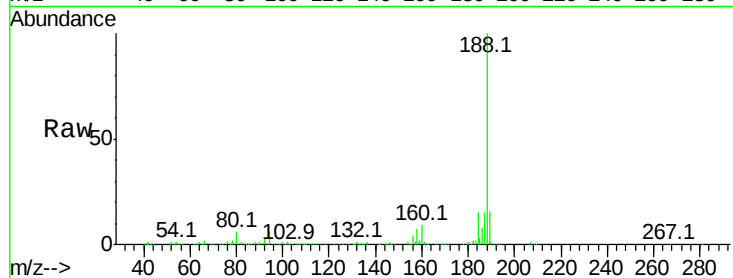




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG031673.D
Acq: 21 Dec 2017 14:58

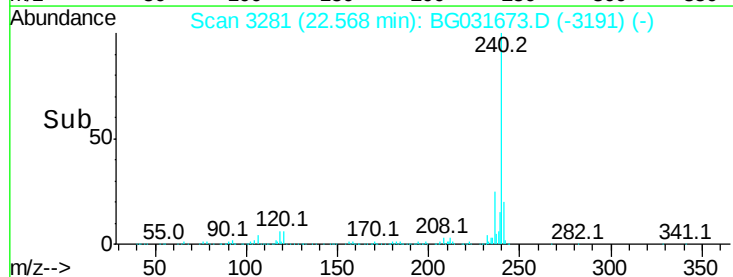
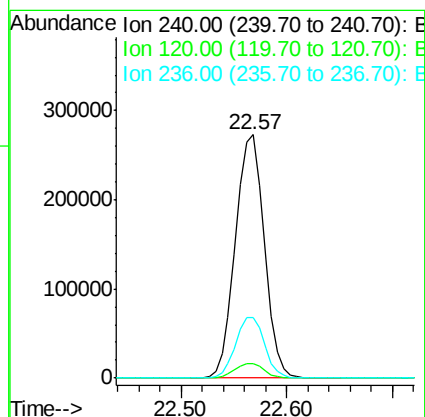
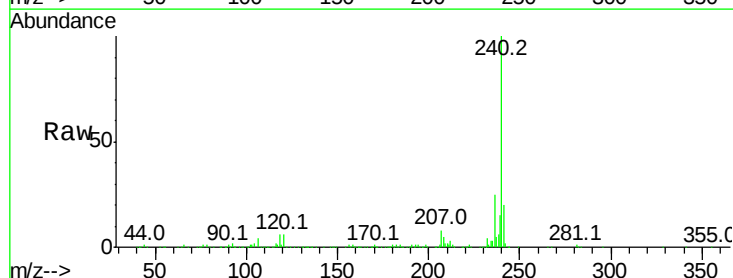
Instrument :
BNA_G
ClientSampleId :
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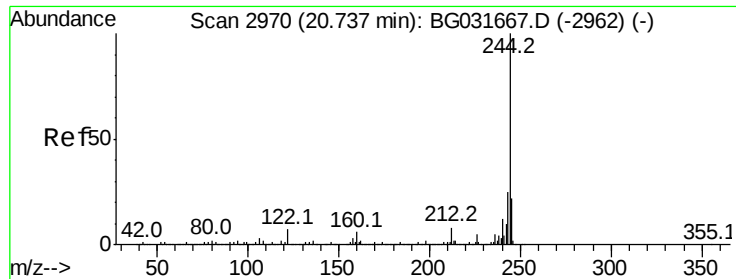
Tot Ion:188 Resp: 409073
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 6.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.57 min Scan# 3281
Delta R.T. -0.00 min
Lab File: BG031673.D
Acq: 21 Dec 2017 14:58

Tgt Ion:240 Resp: 516807
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 25.1 20.9 31.3





#78

Terphenyl-d14

Concen: 81.428 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

Instrument :

BNA_G

ClientSampleId :

PB105021BL

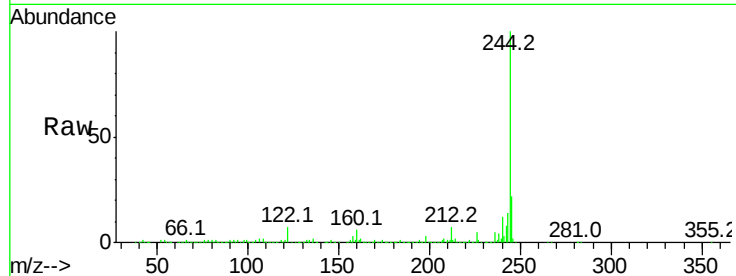
Tot Ion:244 Resp: 1841967

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

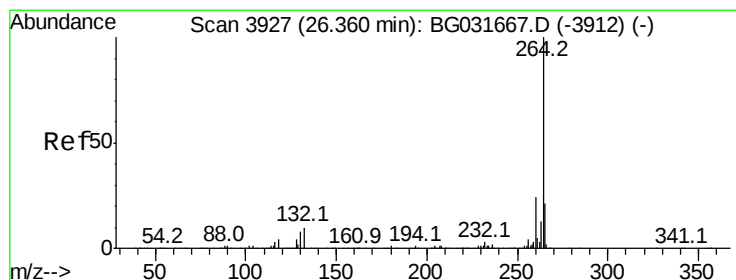
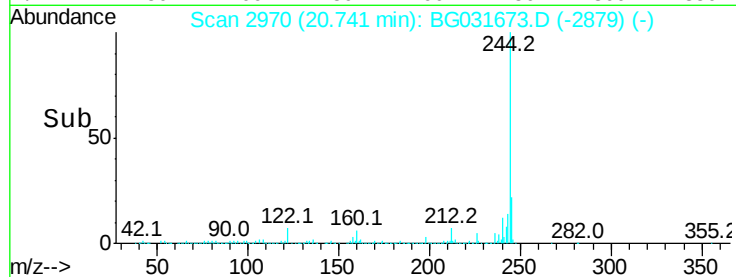
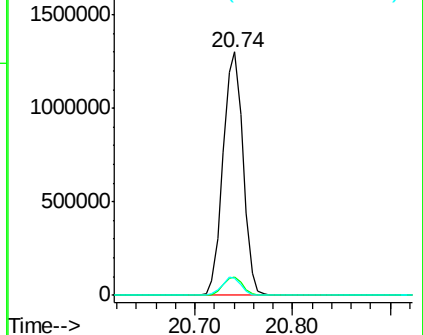
122 7.2 7.0 10.4



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: 26.36 min Scan# 3927

Delta R.T. 0.00 min

Lab File: BG031673.D

Acq: 21 Dec 2017 14:58

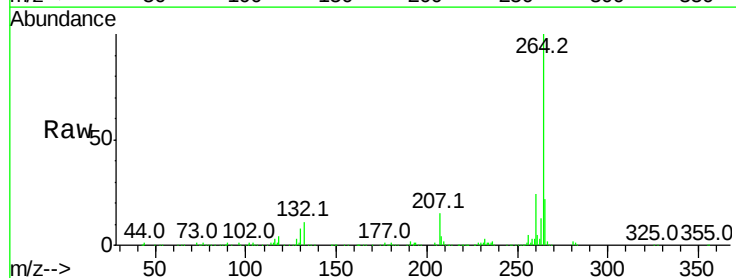
Tgt Ion:264 Resp: 533424

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 21.9 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

