

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035571.D
 Acq On : 3 Jul 2018 4:45
 Operator : JU/SJ
 Sample : PB110762TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110762TB

Quant Time: Jul 03 06:49:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	35139	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	127730	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	94348	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	266859	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	308339	20.00	ng	-0.03
86) Perylene-d12	24.91	264	283453	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	372234	178.77	ng	0.00
7) Phenol-d6	7.23	99	549241	178.72	ng	0.00
23) Nitrobenzene-d5	9.23	82	347658	129.38	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	257817	213.46	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	836499	115.26	ng	-0.02
78) Terphenyl-d14	20.03	244	1727758	117.37	ng	-0.02

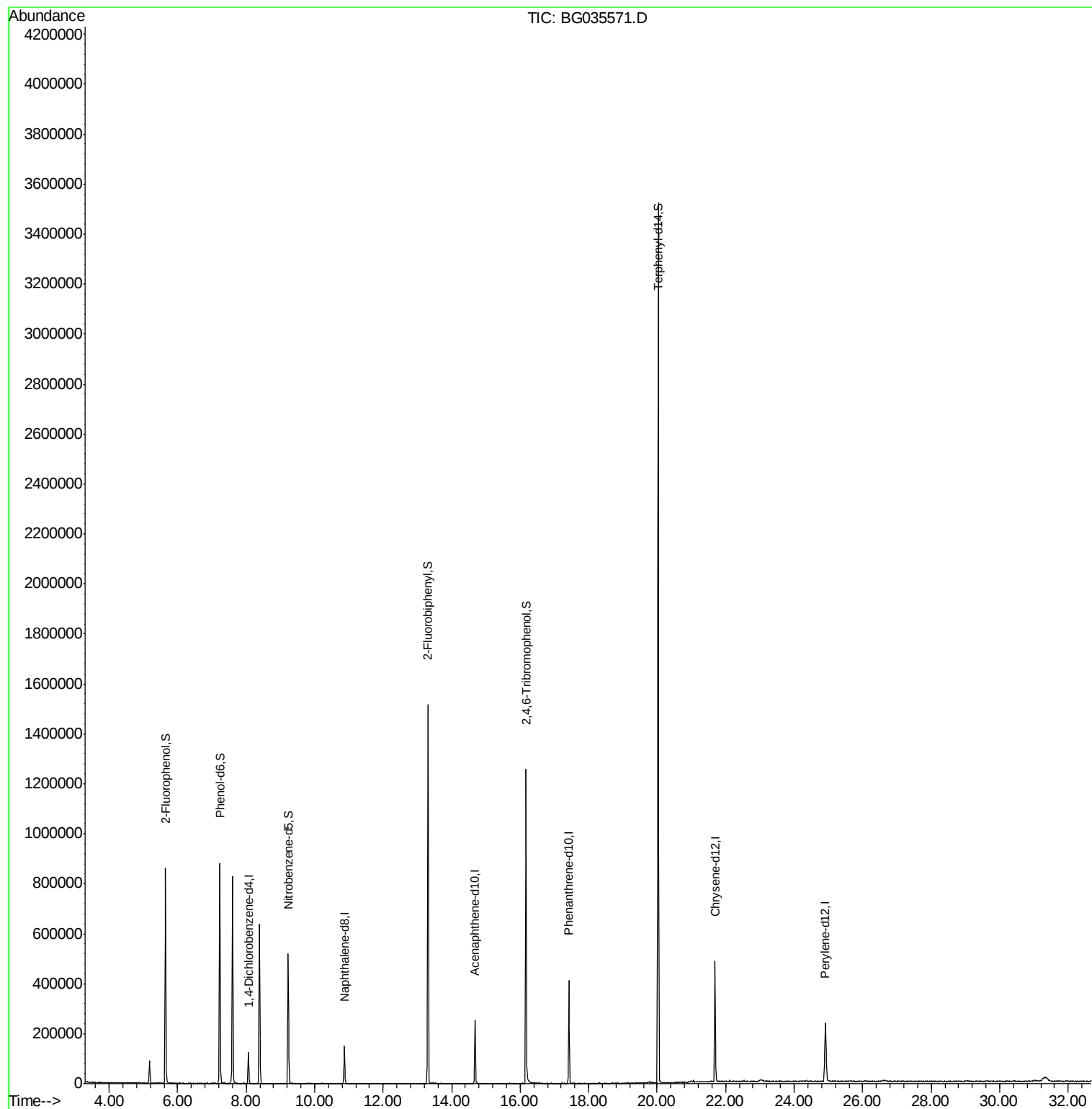
Target Compounds Qvalue

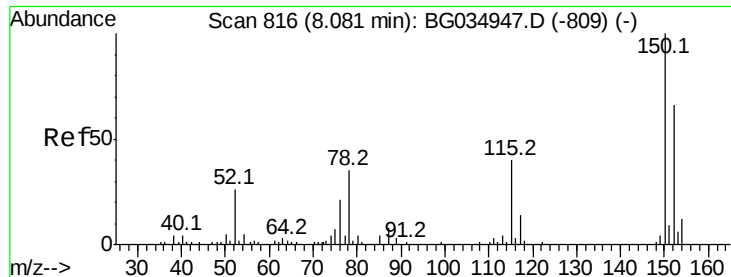
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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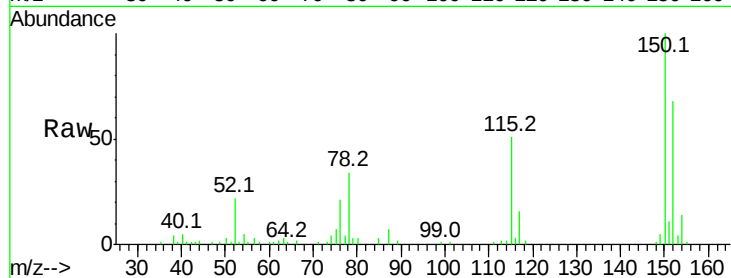


#1

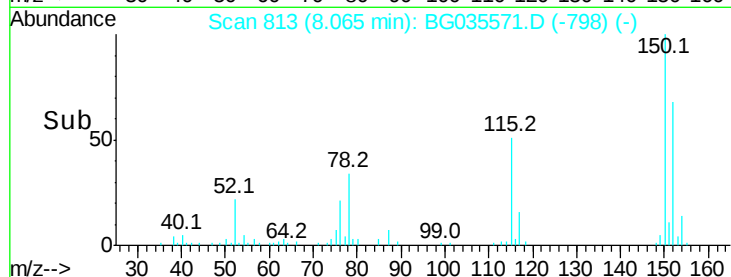
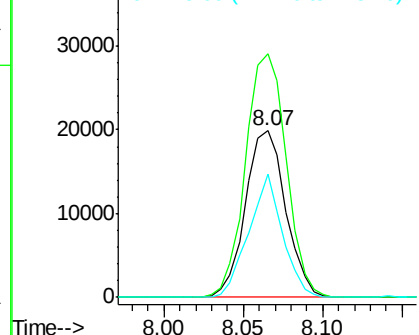
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035571.D
Acq: 3 Jul 2018 4:45

Instrument :
BNA_G
ClientSampleId :
PB110762TB

Tot Ion:152 Resp: 35139
Ion Ratio Lower Upper
152 100
150 146.1 126.6 189.8
115 74.2 53.0 79.4



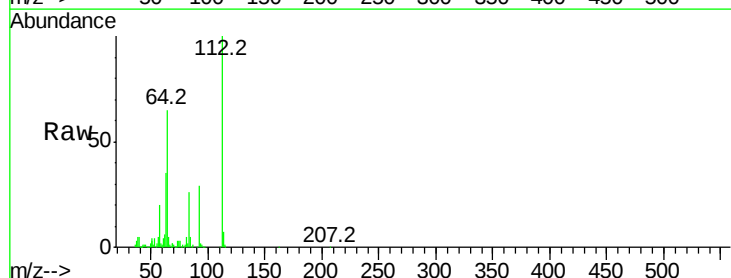
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



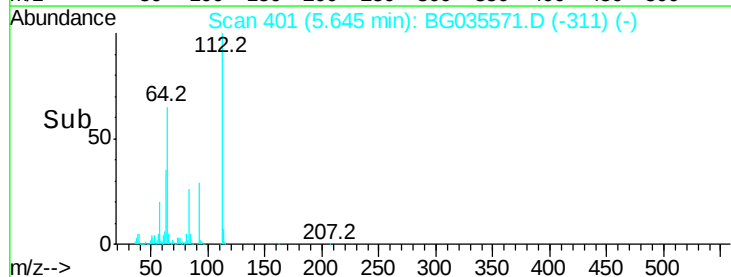
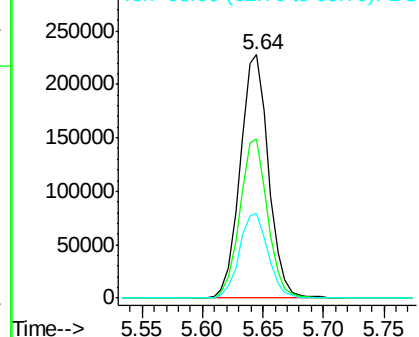
#5

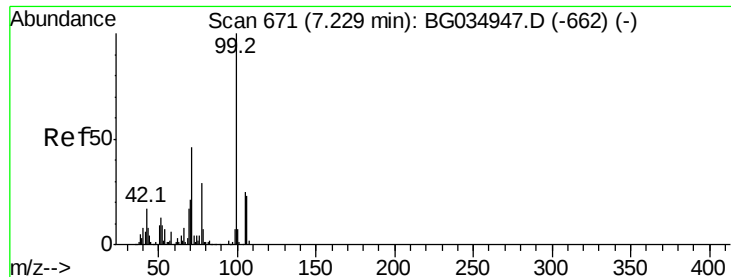
2-Fluorophenol
Concen: 178.771 ng
RT: 5.64 min Scan# 401
Delta R.T. 0.00 min
Lab File: BG035571.D
Acq: 3 Jul 2018 4:45

Tgt Ion:112 Resp: 372234
Ion Ratio Lower Upper
112 100
64 65.4 56.3 84.5
63 35.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 178.721 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.01 min

Lab File: BG035571.D

Acq: 3 Jul 2018 4:45

Instrument :

BNA_G

ClientSampleId :

PB110762TB

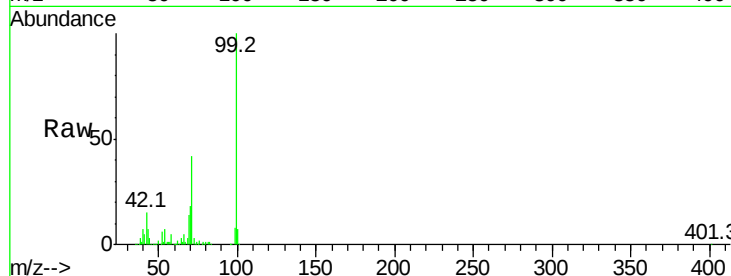
Tot Ion: 99 Resp: 549241

Ion Ratio Lower Upper

99 100

42 14.9 14.1 21.1

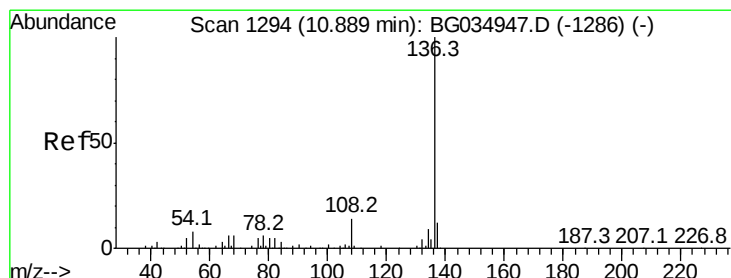
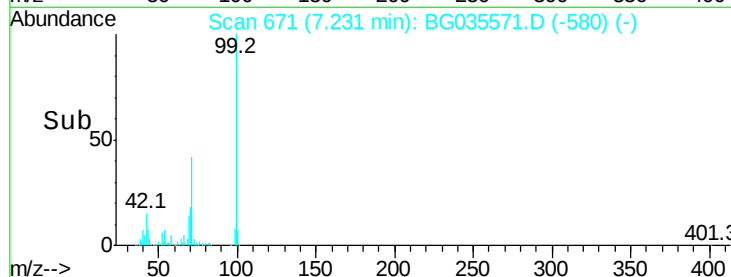
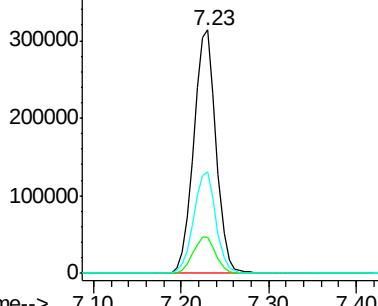
71 41.6 26.1 39.1#



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: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035571.D

Acq: 3 Jul 2018 4:45

Tgt Ion: 136 Resp: 127730

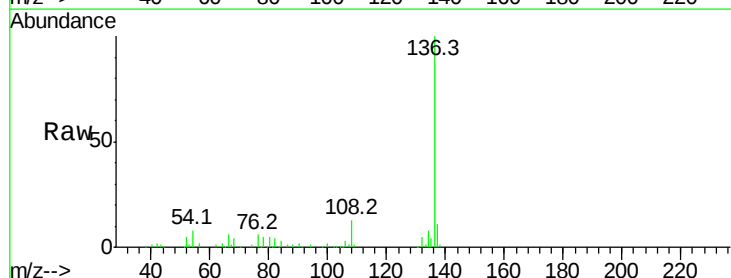
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.6 10.3 15.5#

68 4.2 4.5 6.7#

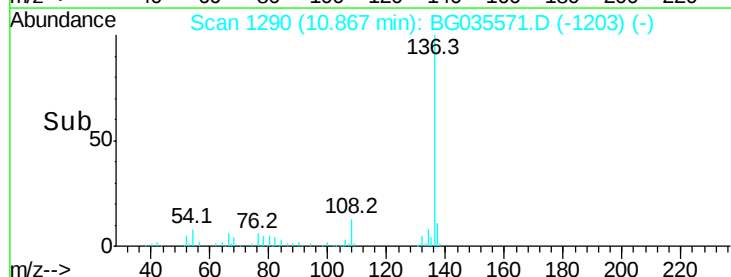
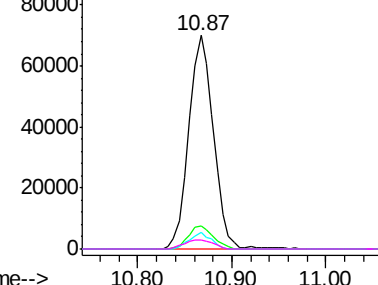


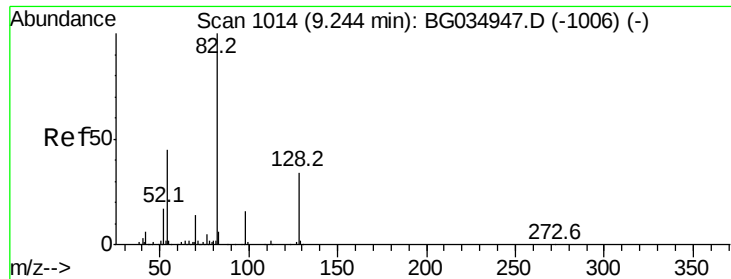
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

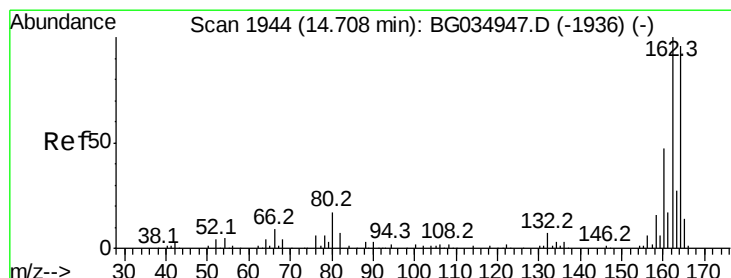
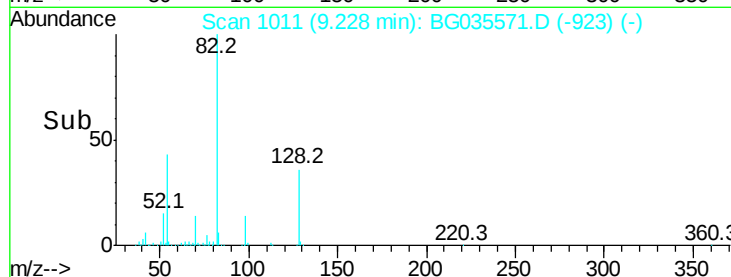
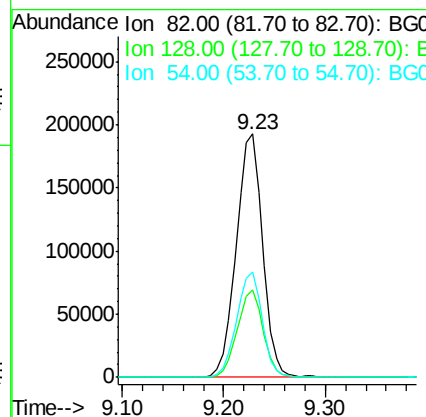
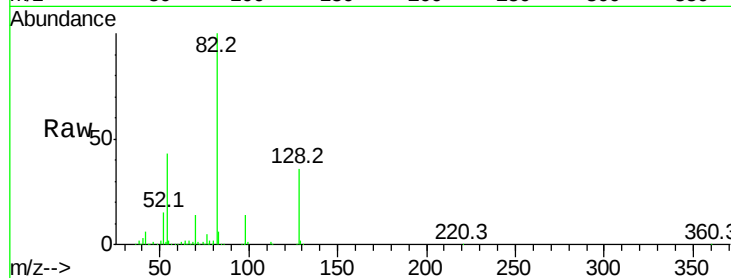




#23
Nitrobenzene-d5
Concen: 129.380 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035571.D
Acq: 3 Jul 2018 4:45

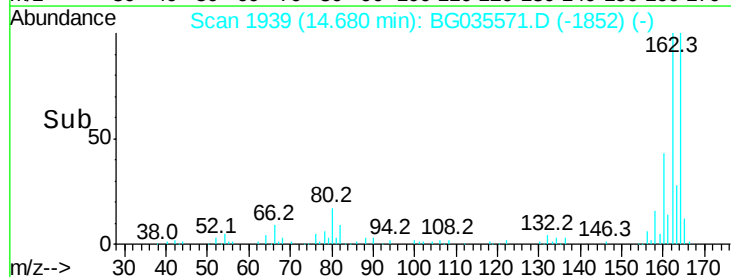
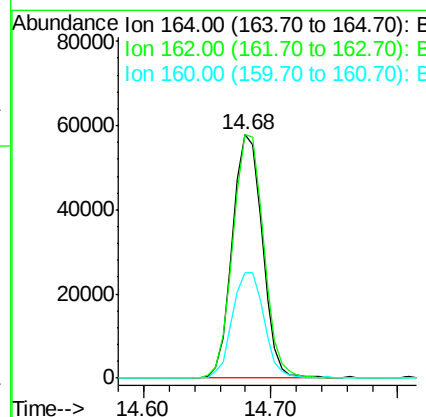
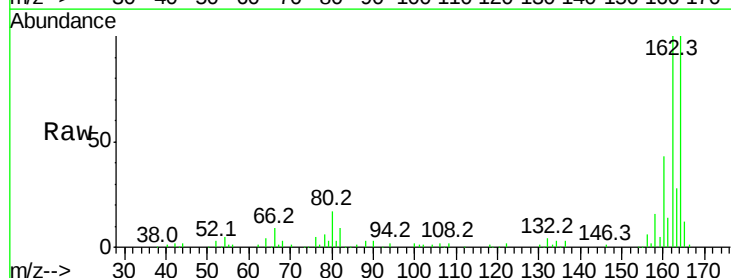
Instrument :
BNA_G
ClientSampleId :
PB110762TB

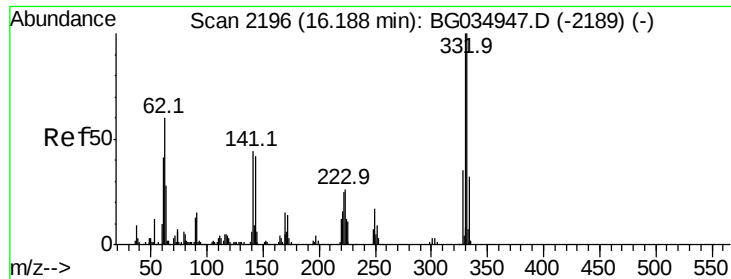
Tot Ion: 82 Resp: 347658
Ion Ratio Lower Upper
82 100
128 35.7 29.7 44.5
54 43.0 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035571.D
Acq: 3 Jul 2018 4:45

Tgt Ion: 164 Resp: 94348
Ion Ratio Lower Upper
164 100
162 99.9 78.8 118.2
160 43.1 35.4 53.0

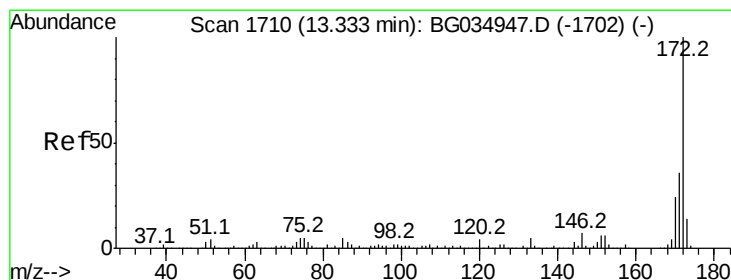
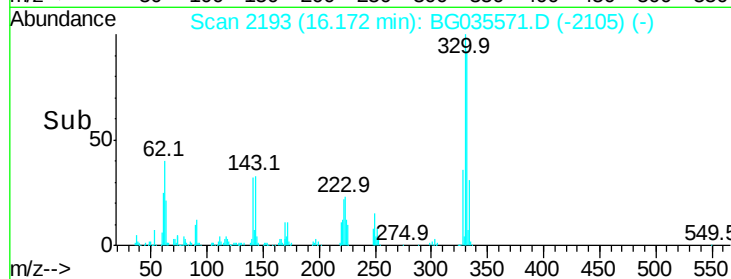
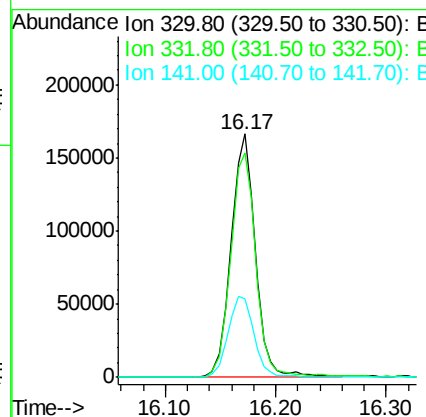
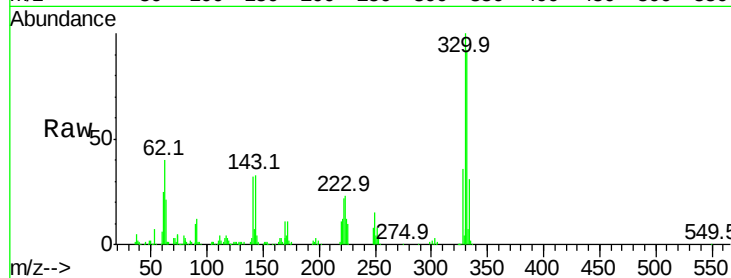




#41
 2,4,6-Tribromophenol
 Concen: 213.465 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035571.D
 Acq: 3 Jul 2018 4:45

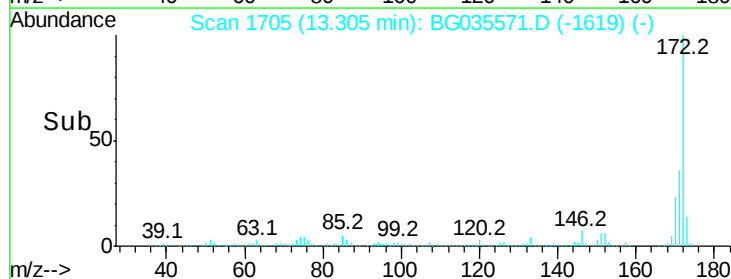
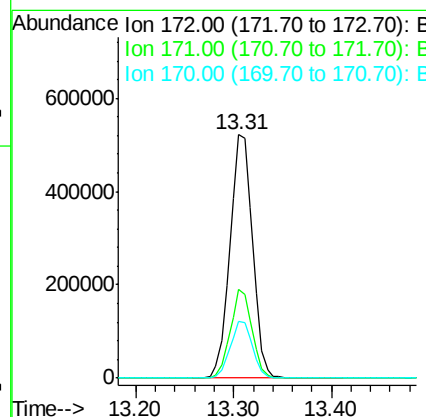
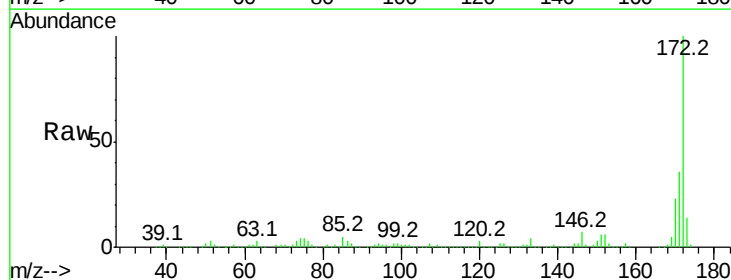
Instrument :
 BNA_G
 ClientSampleId :
 PB110762TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	35.9	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 115.259 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035571.D
 Acq: 3 Jul 2018 4:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.0	45.0
170	23.1	19.5	29.3

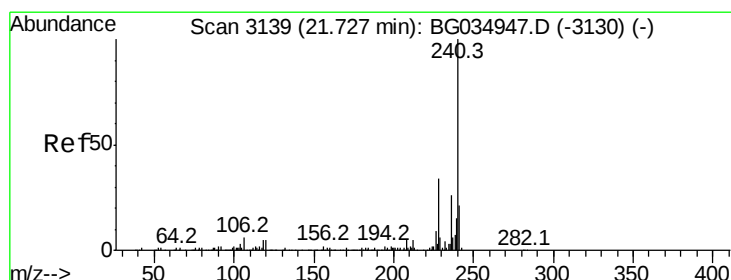
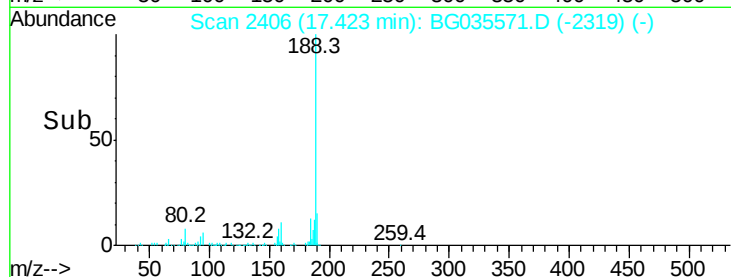
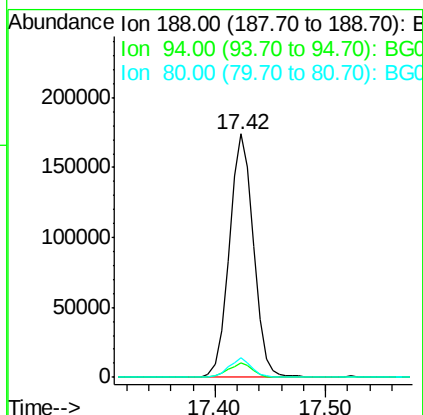
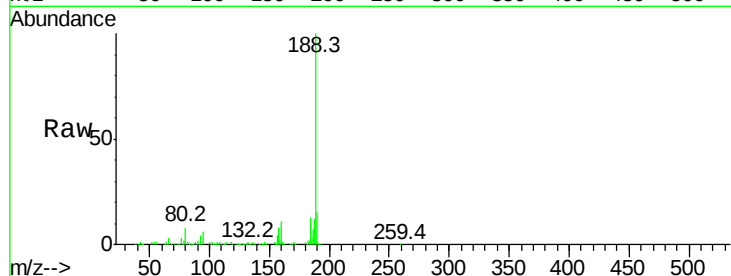




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035571.D
Acq: 3 Jul 2018 4:45

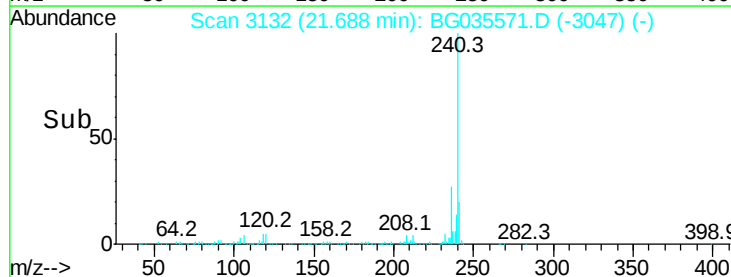
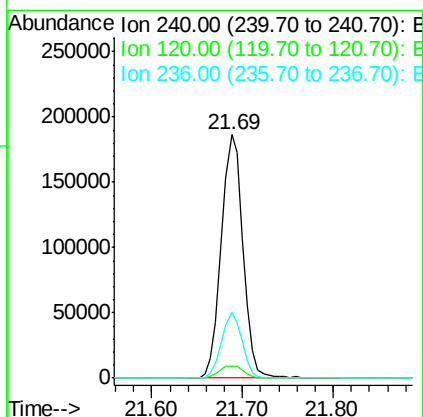
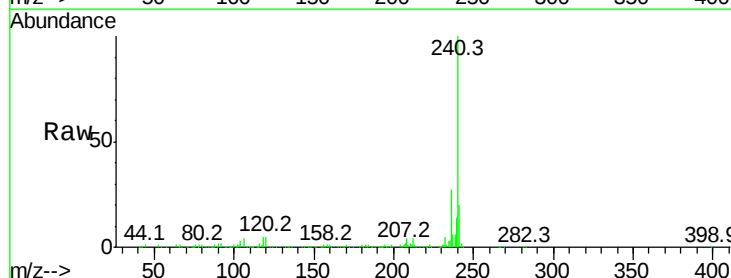
Instrument :
BNA_G
ClientSampleId :
PB110762TB

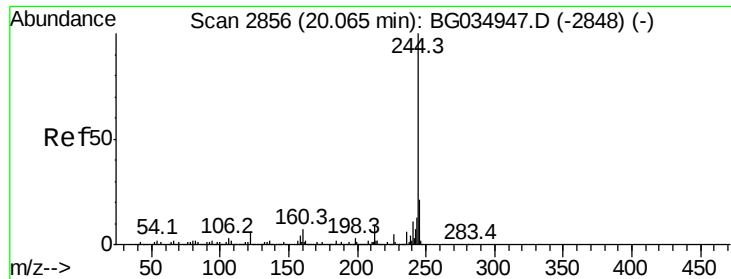
Tot Ion:188 Resp: 266859
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 8.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035571.D
Acq: 3 Jul 2018 4:45

Tgt Ion:240 Resp: 308339
Ion Ratio Lower Upper
240 100
120 4.9 6.8 10.2#
236 27.0 20.9 31.3





#78

Terphenyl-d14

Concen: 117.374 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035571.D

Acq: 3 Jul 2018 4:45

Instrument :

BNA_G

ClientSampleId :

PB110762TB

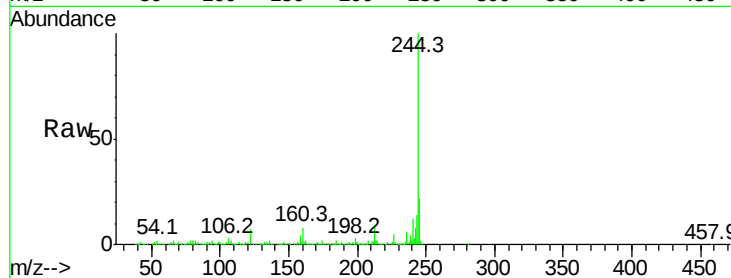
Tot Ion:244 Resp: 1727758

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

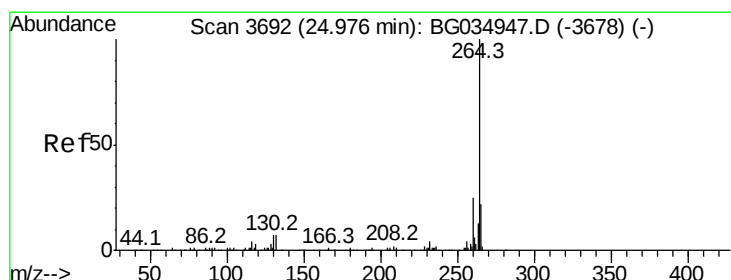
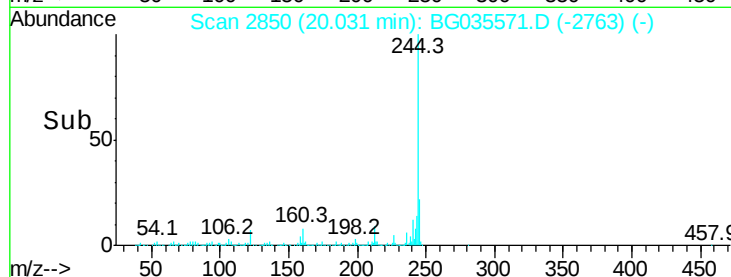
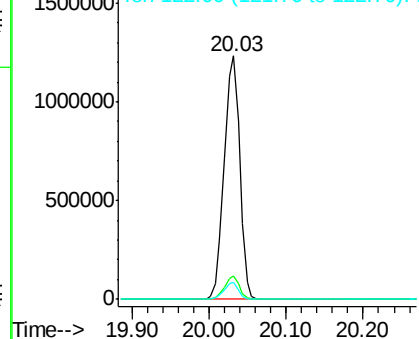
122 6.8 7.0 10.4#



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: 24.91 min Scan# 3681

Delta R.T. -0.04 min

Lab File: BG035571.D

Acq: 3 Jul 2018 4:45

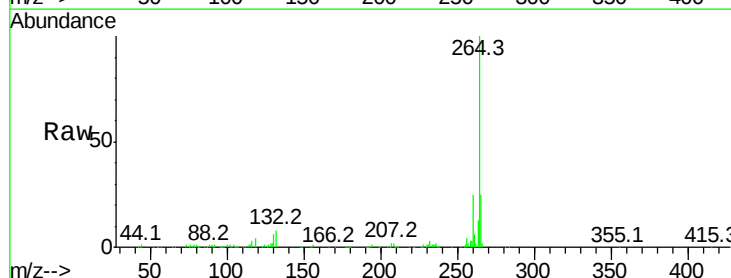
Tgt Ion:264 Resp: 283453

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 25.2 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

