

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010318\
 Data File : BG031899.D
 Acq On : 3 Jan 2018 20:22
 Operator : SJ/JU
 Sample : PB105460TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105460TB

Quant Time: Jan 04 06:50:11 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	42477	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	176416	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	123977	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	355333	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	432949	20.00	ng	-0.02
86) Perylene-d12	26.22	264	456254	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	285747	122.53	ng	0.00
7) Phenol-d6	7.89	99	366645	121.09	ng	0.00
23) Nitrobenzene-d5	9.98	82	193289	82.73	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	256727	135.71	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	720032	72.90	ng	0.00
78) Terphenyl-d14	20.68	244	1539389	81.23	ng	-0.01

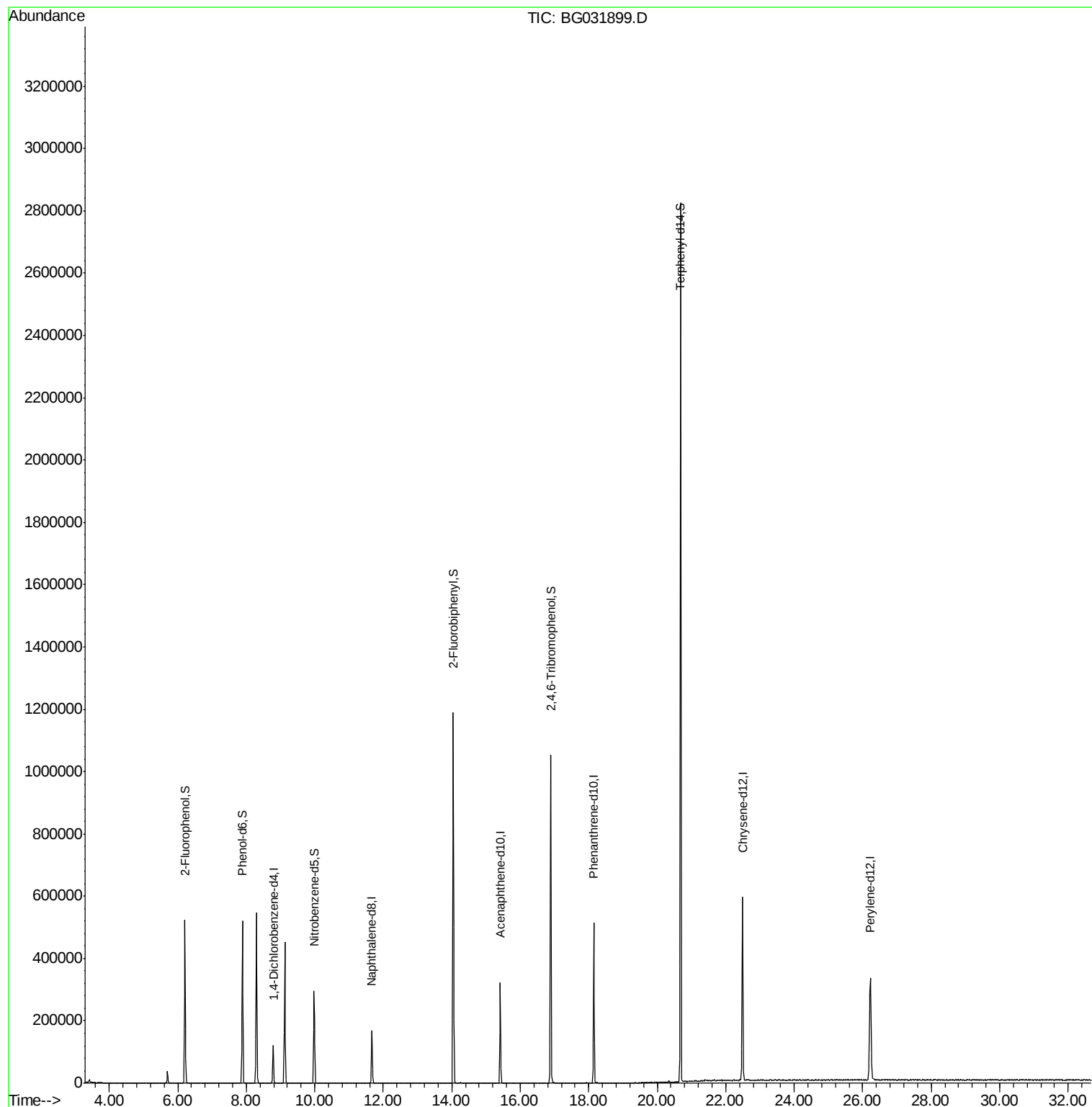
Target Compounds	Qvalue
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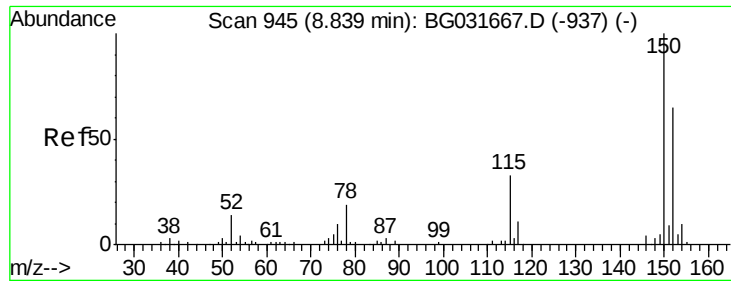
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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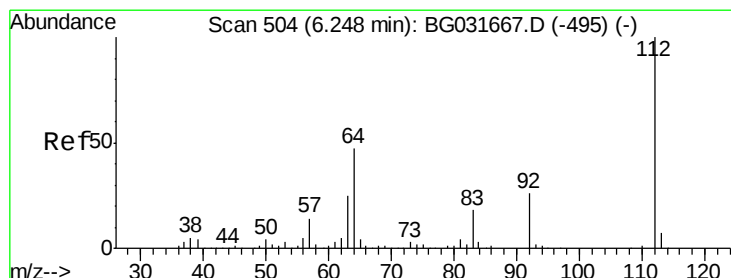
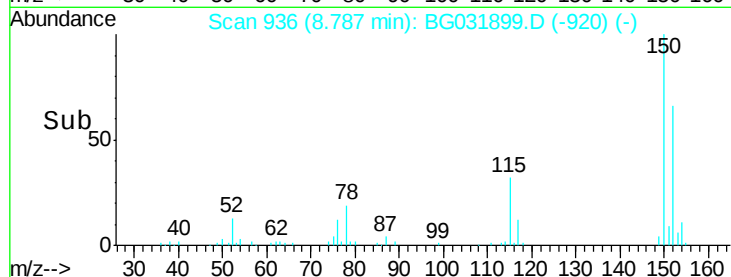
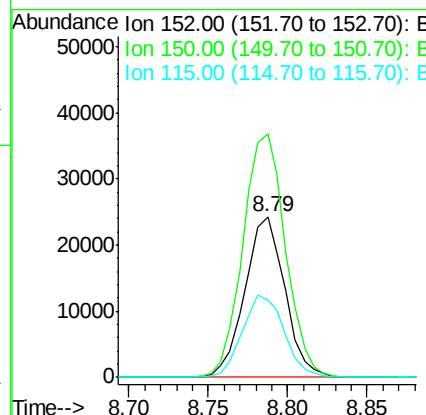
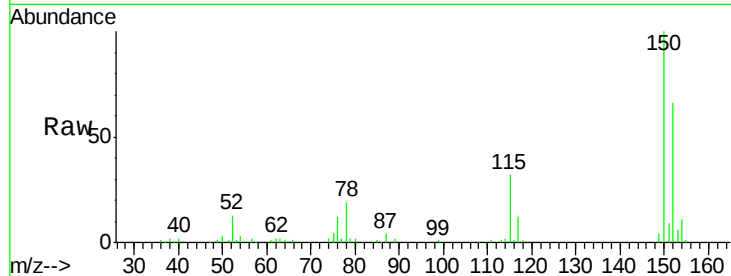


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031899.D
Acq: 3 Jan 2018 20:22

Instrument :
BNA_G
ClientSampleId :
PB105460TB

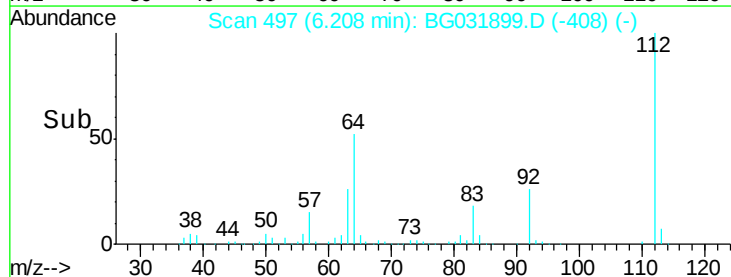
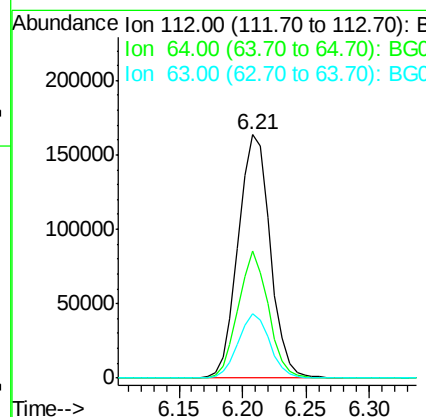
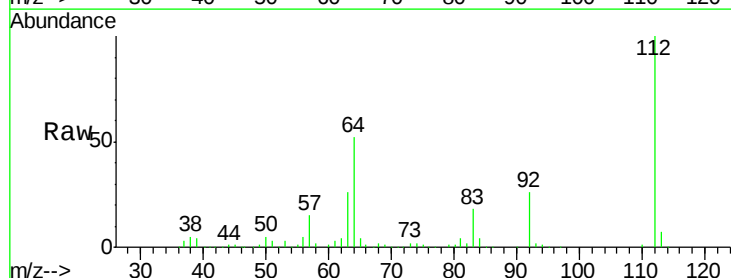
Tgt Ion:152 Resp: 42477
Ion Ratio Lower Upper
152 100
150 151.6 126.6 189.8
115 48.2 53.0 79.4#



#5

2-Fluorophenol
Concen: 122.526 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.01 min
Lab File: BG031899.D
Acq: 3 Jan 2018 20:22

Tgt Ion:112 Resp: 285747
Ion Ratio Lower Upper
112 100
64 52.2 56.3 84.5#
63 26.4 30.1 45.1#





#7

Phenol-d6

Concen: 121.090 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031899.D

Acq: 3 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

PB105460TB

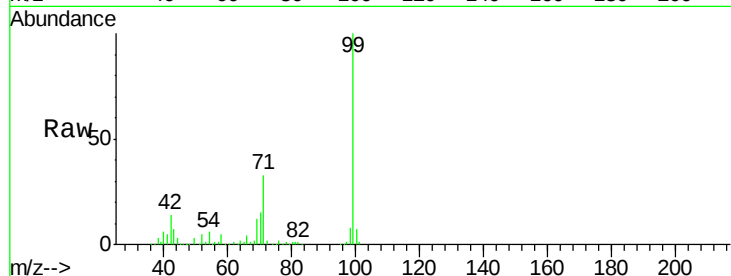
Tgt Ion: 99 Resp: 366645

Ion Ratio Lower Upper

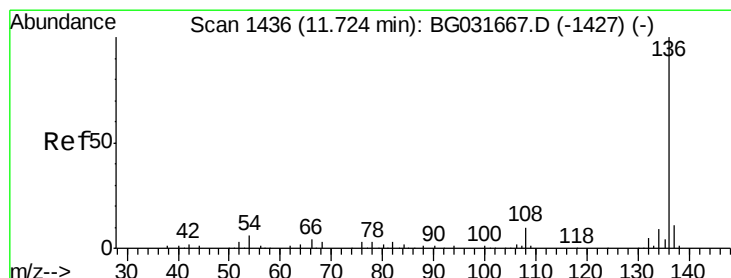
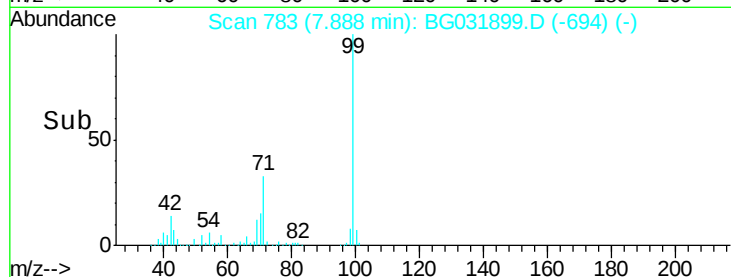
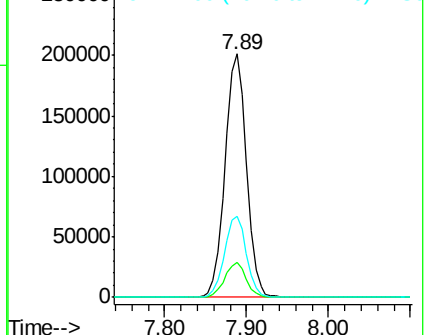
99 100

42 14.4 14.1 21.1

71 33.2 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: 11.67 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BG031899.D

Acq: 3 Jan 2018 20:22

Tgt Ion: 136 Resp: 176416

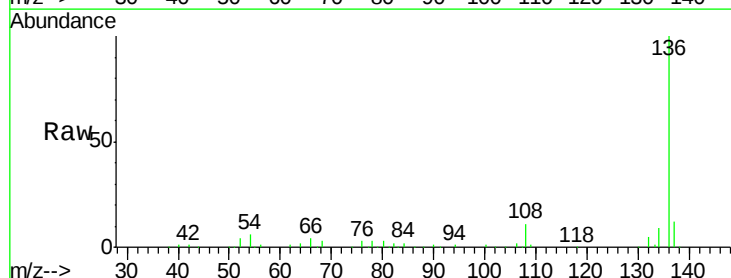
Ion Ratio Lower Upper

136 100

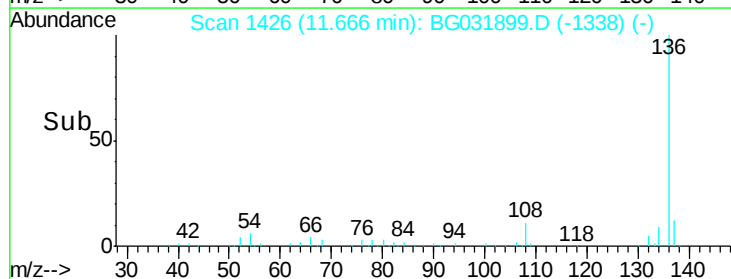
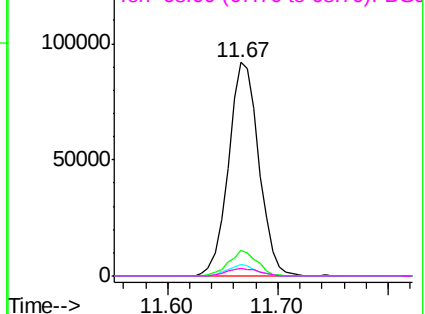
137 12.1 9.2 13.8

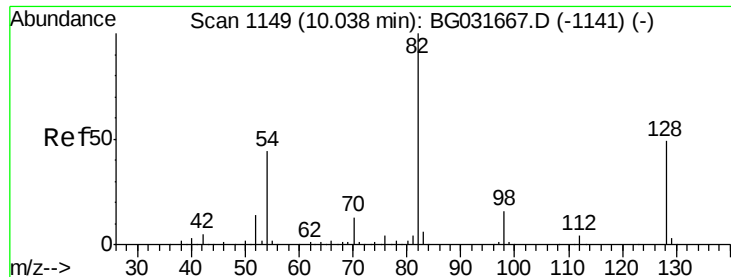
54 5.7 10.3 15.5#

68 3.4 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

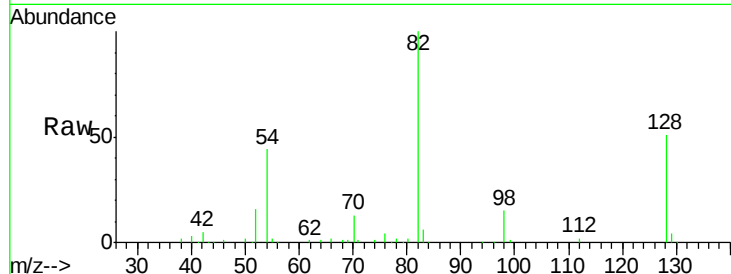




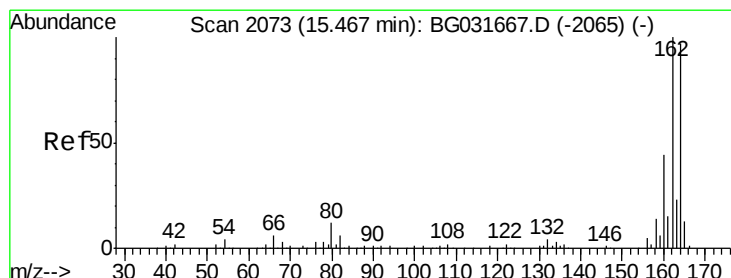
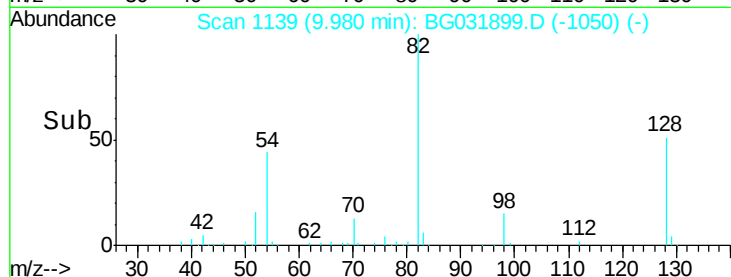
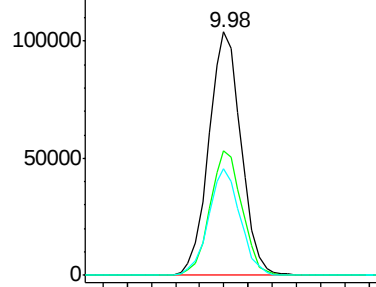
#23
 Nitrobenzene-d5
 Concen: 82.734 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BG031899.D
 Acq: 3 Jan 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :
 PB105460TB

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.9	29.7	44.5#
54	43.7	43.1	64.7

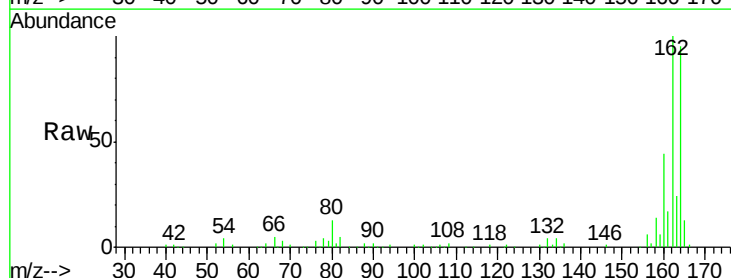


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

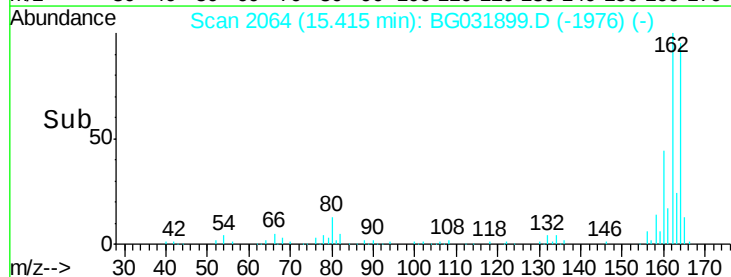
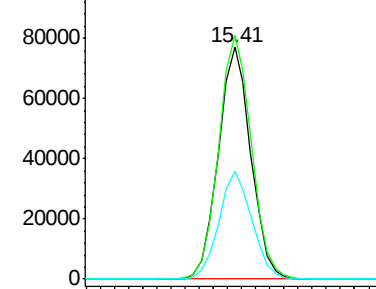


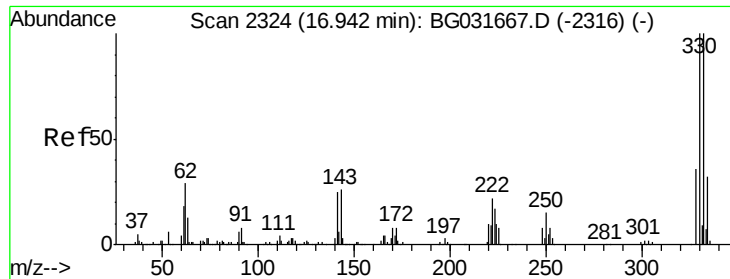
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031899.D
 Acq: 3 Jan 2018 20:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.8	118.2
160	46.7	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

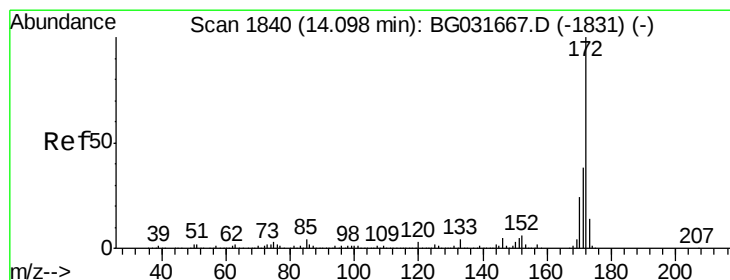
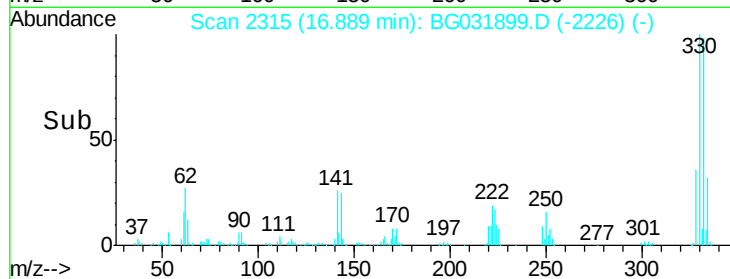
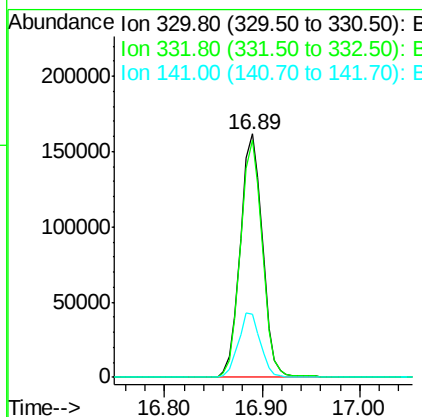
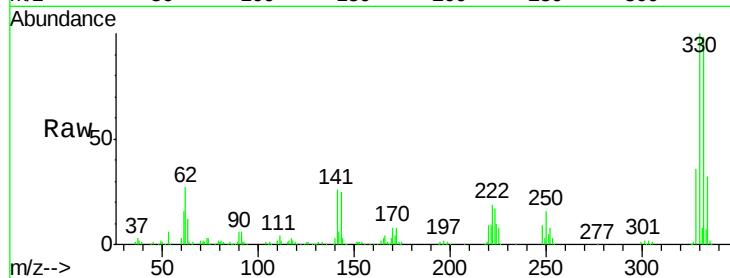




#41
 2,4,6-Tribromophenol
 Concen: 135.711 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031899.D
 Acq: 3 Jan 2018 20:22

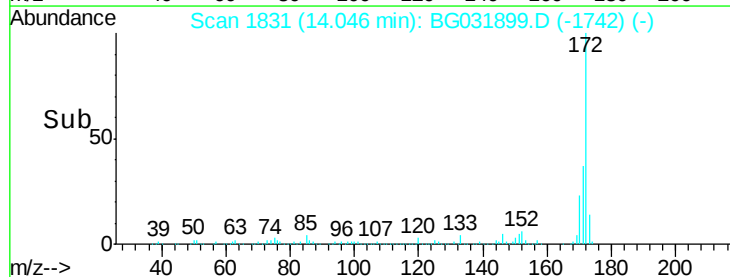
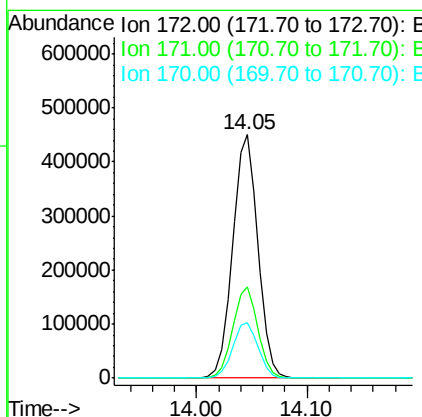
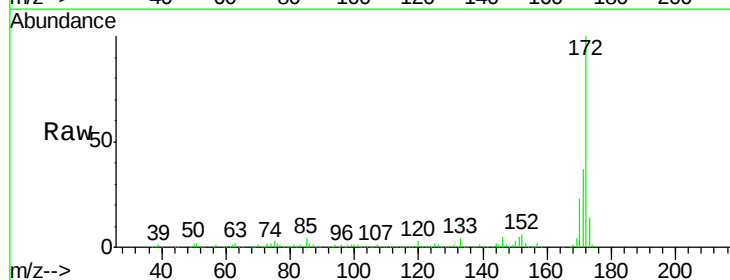
Instrument :
 BNA_G
 ClientSampleId :
 PB105460TB

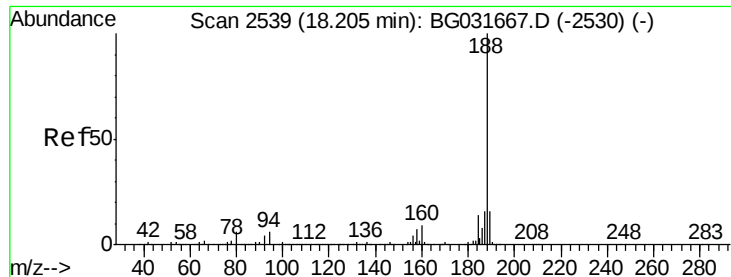
Tgt Ion:330 Resp: 256727
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 26.1 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 72.895 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031899.D
 Acq: 3 Jan 2018 20:22

Tgt Ion:172 Resp: 720032
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 23.0 19.5 29.3

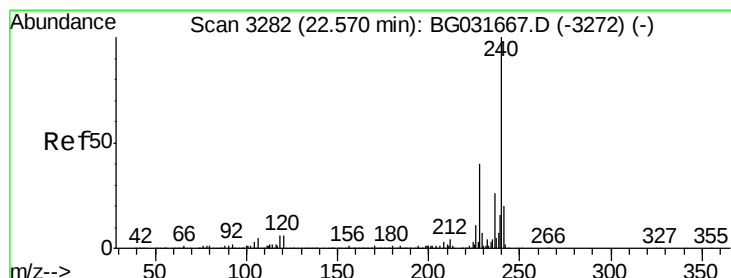
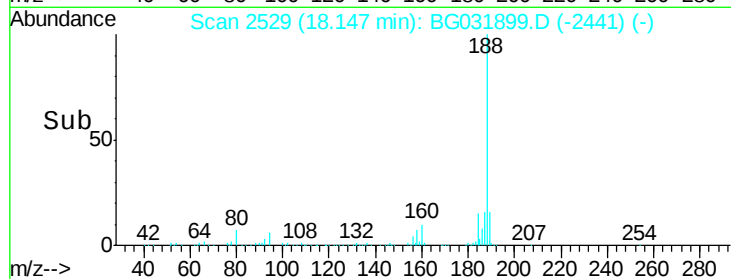
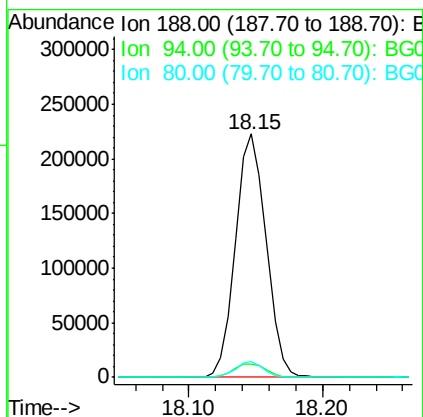
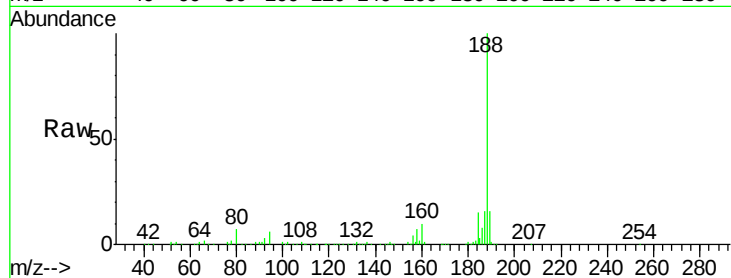




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031899.D
Acq: 3 Jan 2018 20:22

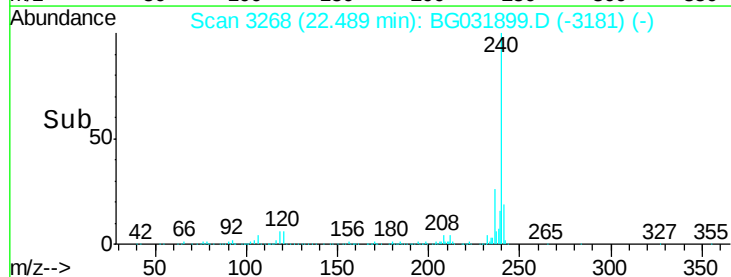
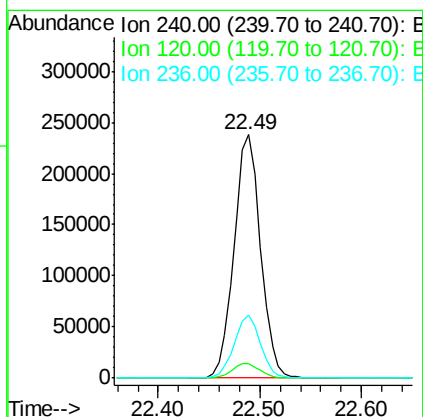
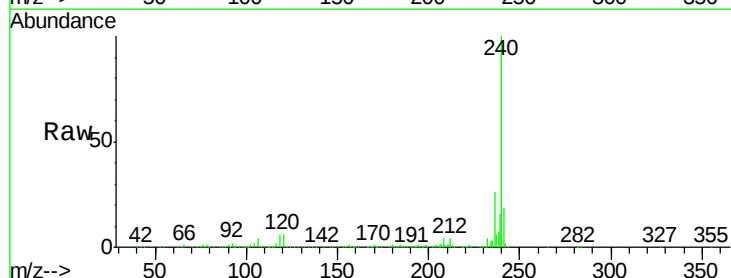
Instrument :
BNA_G
ClientSampleId :
PB105460TB

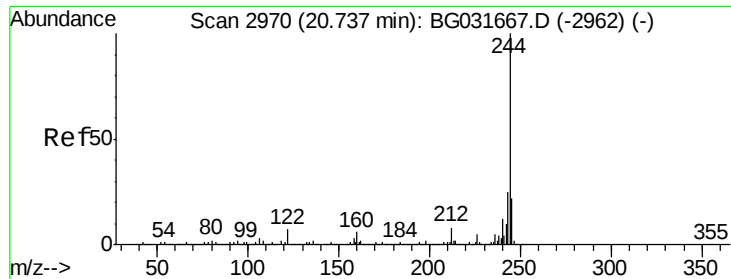
Tgt Ion:188 Resp: 355333
Ion Ratio Lower Upper
188 100
94 5.6 6.9 10.3#
80 6.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.02 min
Lab File: BG031899.D
Acq: 3 Jan 2018 20:22

Tgt Ion:240 Resp: 432949
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 81.233 ng

RT: 20.68 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BG031899.D

Acq: 3 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

PB105460TB

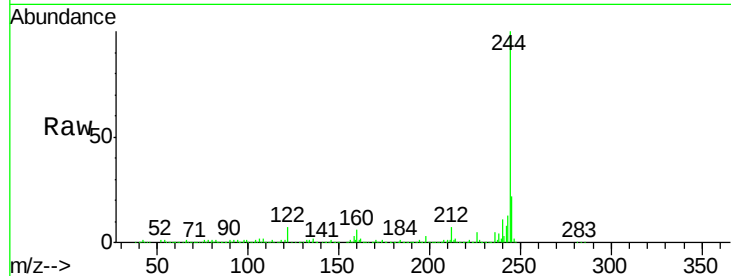
Tgt Ion:244 Resp: 1539389

Ion Ratio Lower Upper

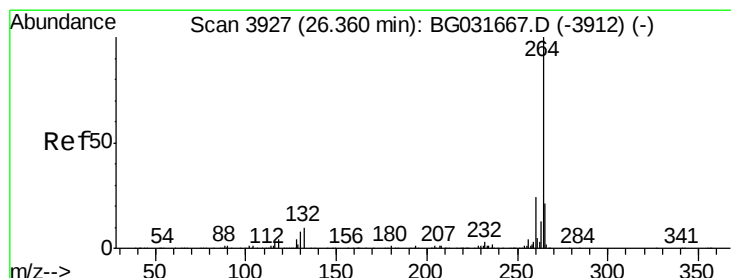
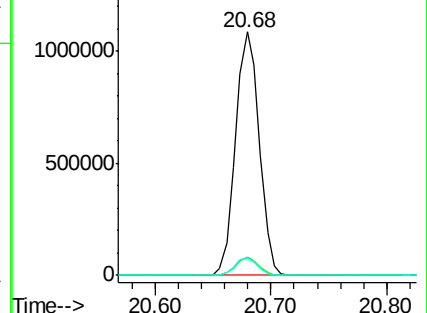
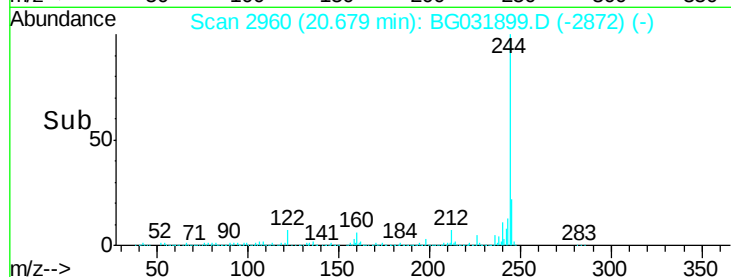
244 100

212 7.3 5.8 8.8

122 6.9 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: 26.22 min Scan# 3903

Delta R.T. -0.03 min

Lab File: BG031899.D

Acq: 3 Jan 2018 20:22

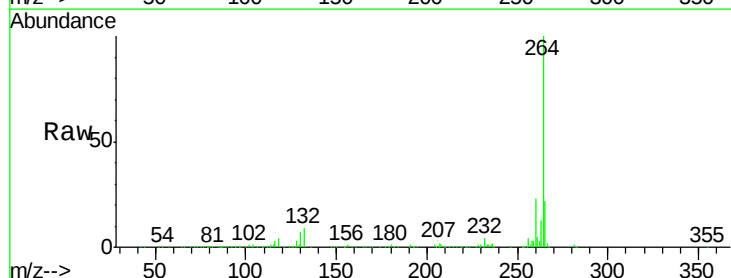
Tgt Ion:264 Resp: 456254

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 22.2 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

