

Data Path : U:\HPCHEM1\BNA G\DATA\BG011118\
 Data File : BG031985.D
 Acq On : 11 Jan 2018 15:46
 Operator : SJ/JU
 Sample : PB105570BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105570BL

Quant Time: Jan 11 16:29:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 15:23:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	69629	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	297581	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	202094	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	486178	20.00	ng	0.00
75) Chrysene-d12	22.48	240	534562	20.00	ng	0.00
86) Perylene-d12	26.20	264	538650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	441680	115.54	ng	0.00
7) Phenol-d6	7.89	99	561656	113.16	ng	0.00
23) Nitrobenzene-d5	9.97	82	311411	79.02	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	330544	107.19	ng	0.00
44) 2-Fluorobiphenyl	14.04	172	1140276	70.82	ng	0.00
78) Terphenyl-d14	20.67	244	1749903	74.79	ng	0.00

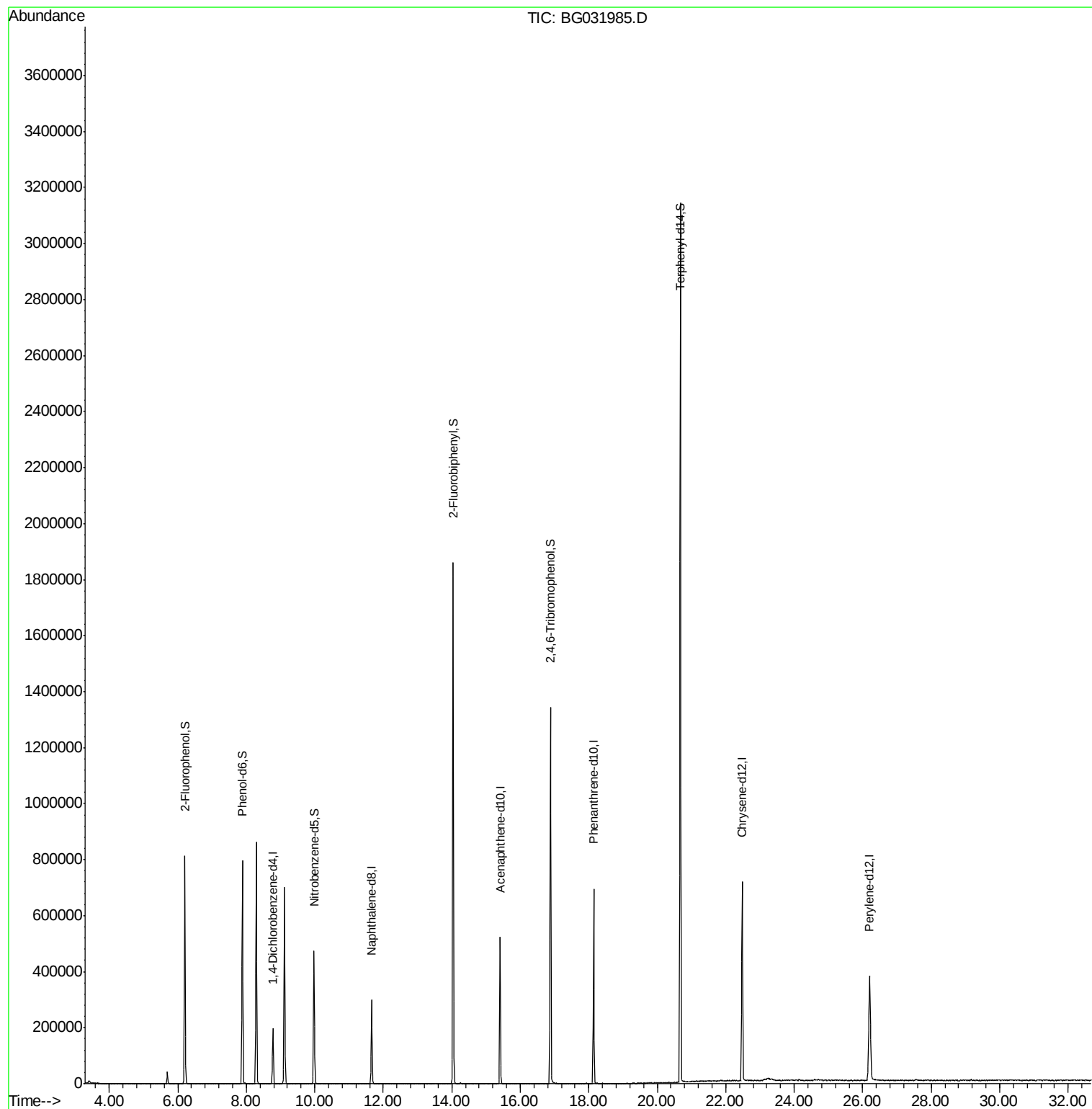
Target Compounds Qvalue

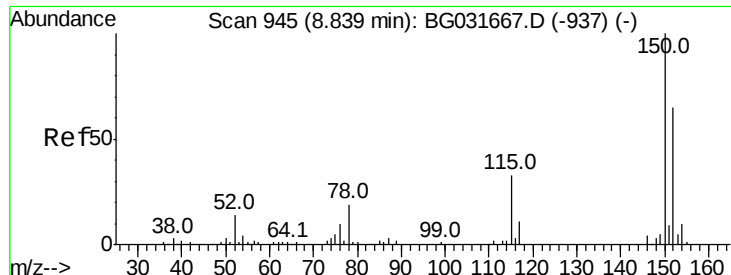
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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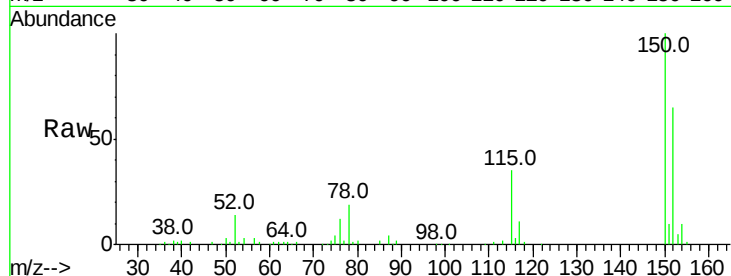


#1

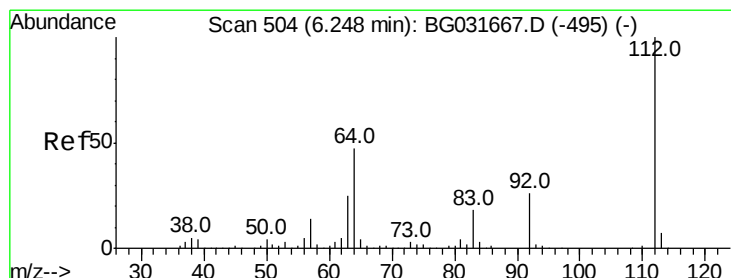
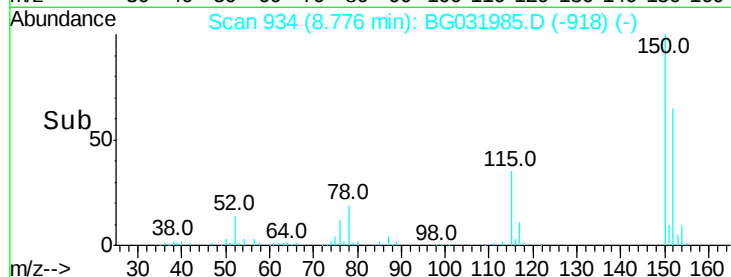
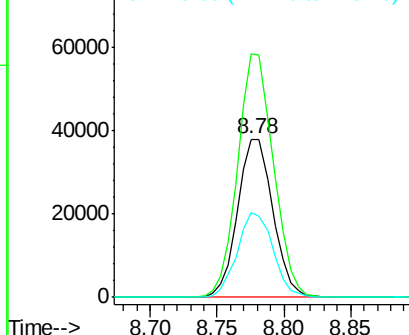
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.78 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BG031985.D
 Acq: 11 Jan 2018 15:46

Instrument :
 BNA_G
 ClientSampleId :
 PB105570BL

Tot Ion:152 Resp: 69629
 Ion Ratio Lower Upper
 152 100
 150 154.0 126.6 189.8
 115 53.4 53.0 79.4



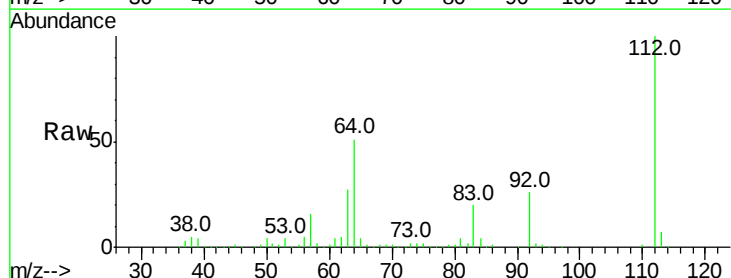
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



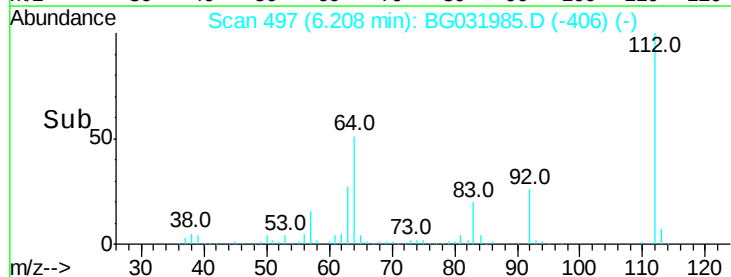
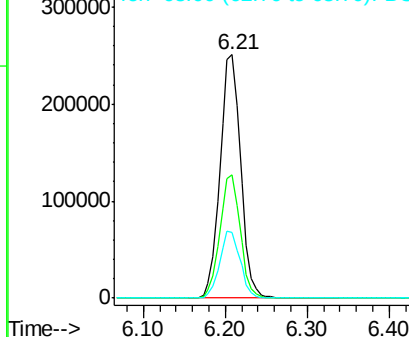
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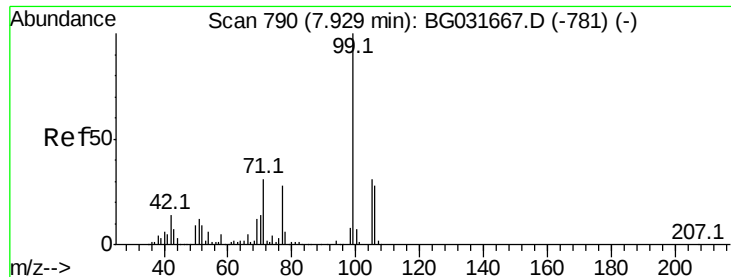
2-Fluorophenol
 Concen: 115.536 ng
 RT: 6.21 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BG031985.D
 Acq: 11 Jan 2018 15:46

Tgt Ion:112 Resp: 441680
 Ion Ratio Lower Upper
 112 100
 64 50.7 56.3 84.5#
 63 26.9 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: 113.161 ng

RT: 7.89 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG031985.D

Acq: 11 Jan 2018 15:46

Instrument :

BNA_G

ClientSampleId :

PB105570BL

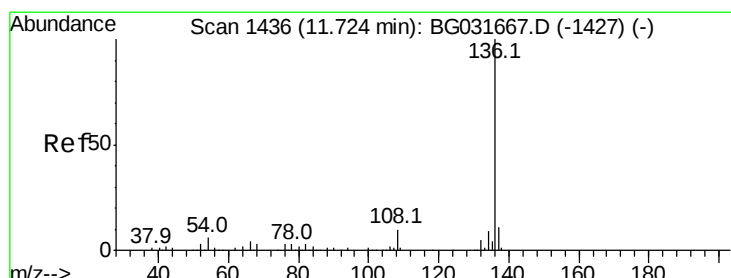
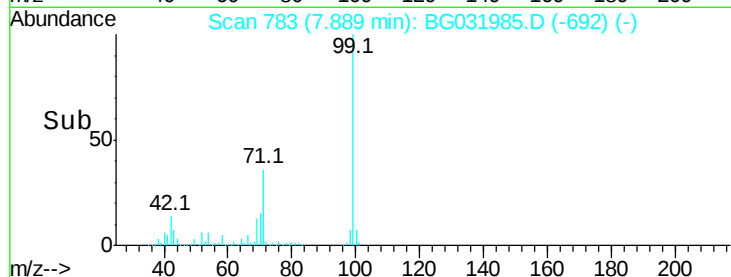
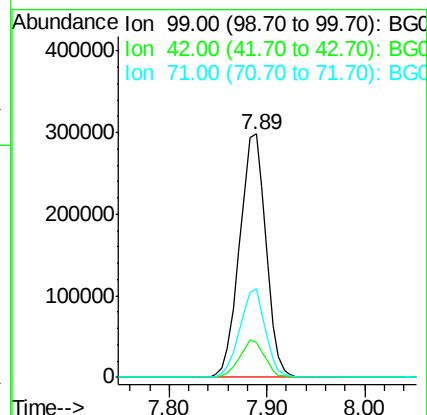
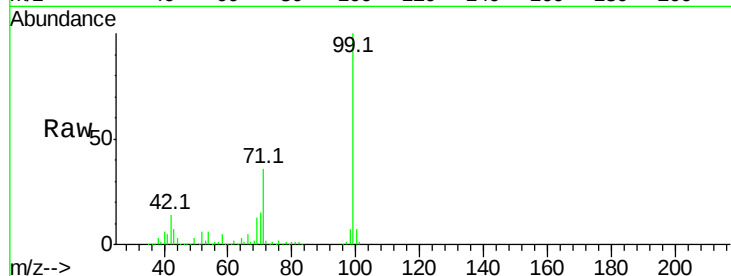
Tot Ion: 99 Resp: 561656

Ion Ratio Lower Upper

99 100

42 14.2 14.1 21.1

71 36.2 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.66 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BG031985.D

Acq: 11 Jan 2018 15:46

Tgt Ion: 136 Resp: 297581

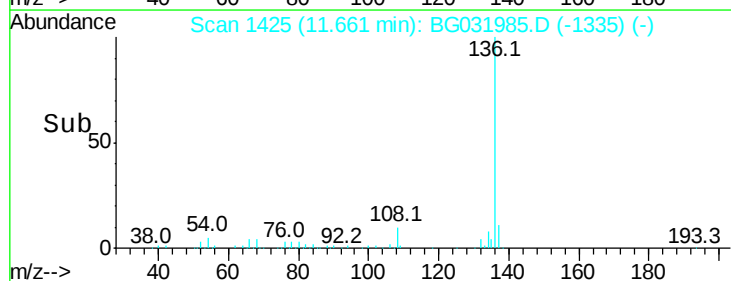
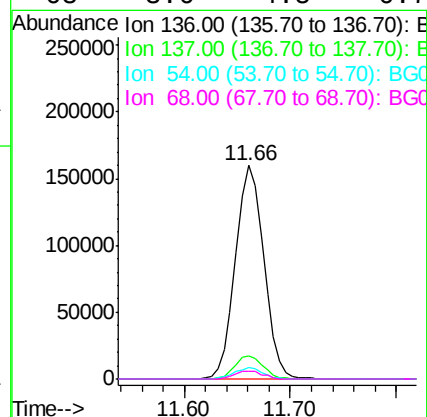
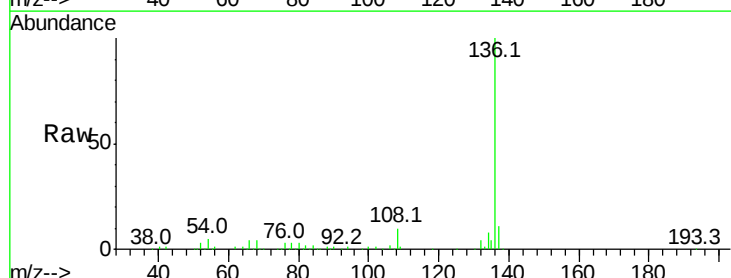
Ion Ratio Lower Upper

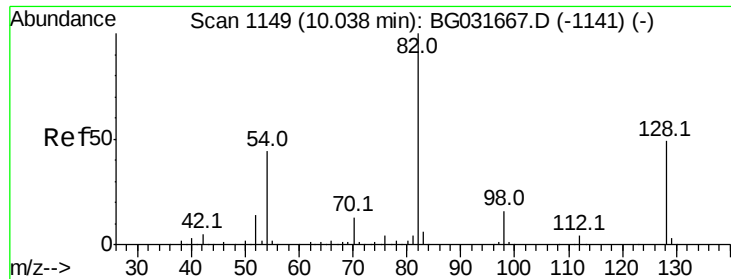
136 100

137 10.9 9.2 13.8

54 5.3 10.3 15.5#

68 3.6 4.5 6.7#

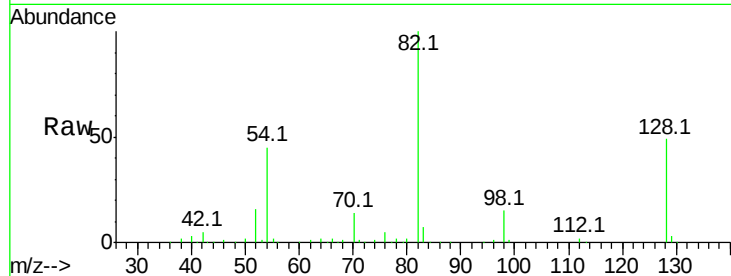




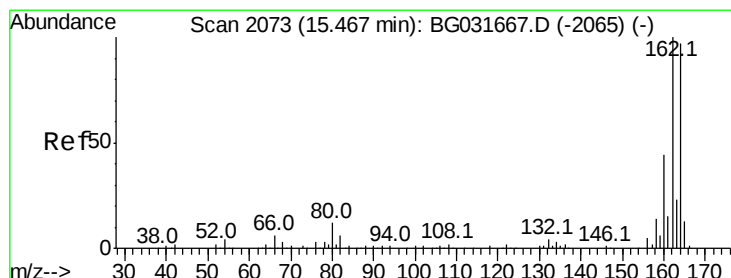
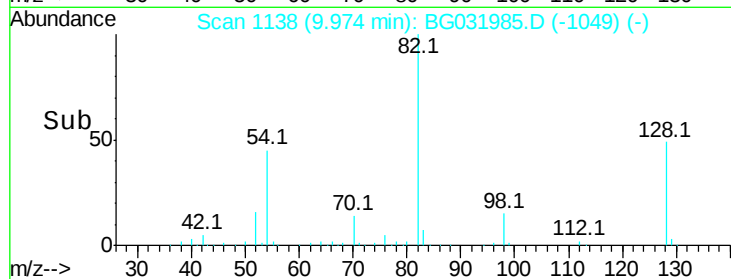
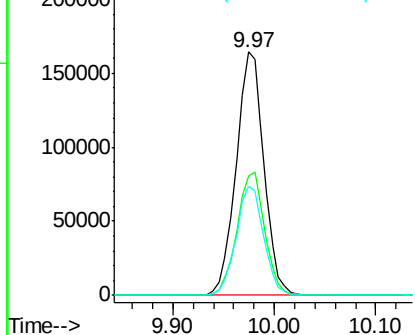
#23
 Nitrobenzene-d5
 Concen: 79.022 ng
 RT: 9.97 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BG031985.D
 Acq: 11 Jan 2018 15:46

Instrument :
 BNA_G
 ClientSampleId :
 PB105570BL

Tot Ion: 82 Resp: 311411
 Ion Ratio Lower Upper
 82 100
 128 49.2 29.7 44.5#
 54 44.7 43.1 64.7

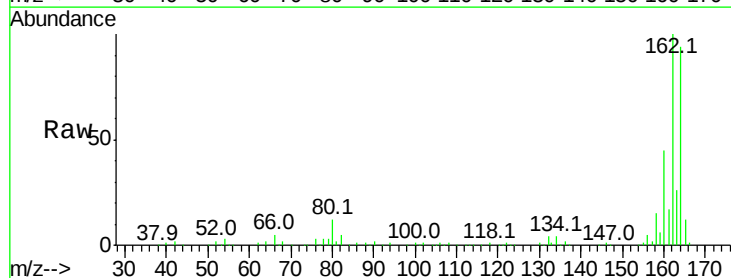


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

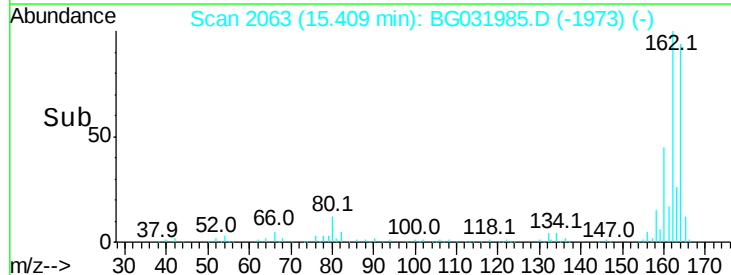
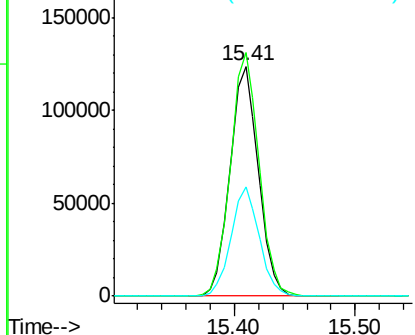


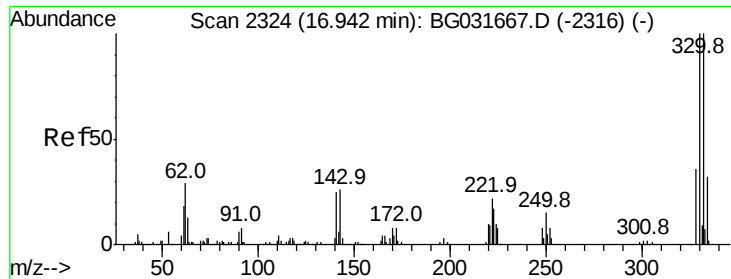
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: BG031985.D
 Acq: 11 Jan 2018 15:46

Tgt Ion:164 Resp: 202094
 Ion Ratio Lower Upper
 164 100
 162 106.1 78.8 118.2
 160 47.5 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: 107.192 ng

RT: 16.88 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BG031985.D

Acq: 11 Jan 2018 15:46

Instrument :

BNA_G

ClientSampleId :

PB105570BL

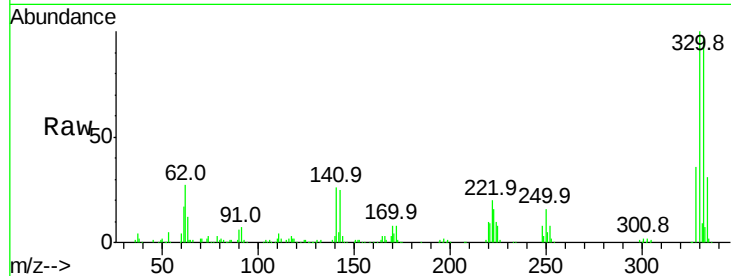
Tot Ion:330 Resp: 330544

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

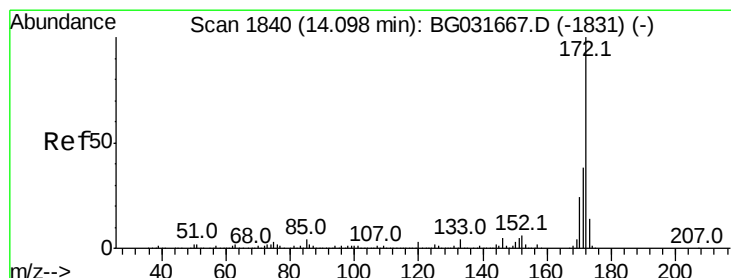
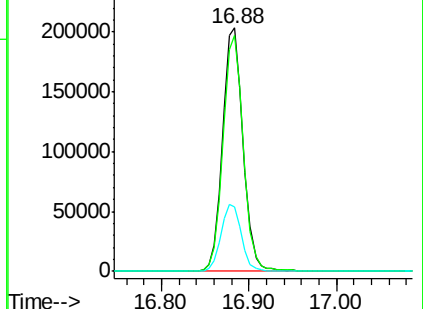
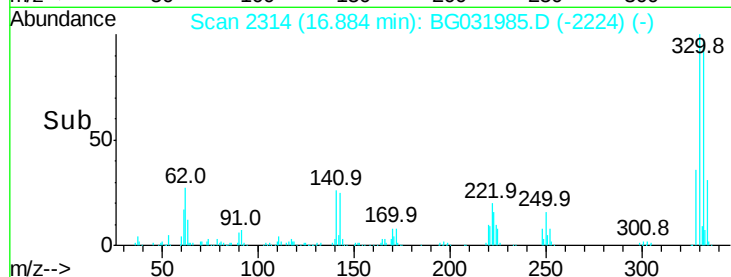
141 27.2 25.2 37.8



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: 70.818 ng

RT: 14.04 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BG031985.D

Acq: 11 Jan 2018 15:46

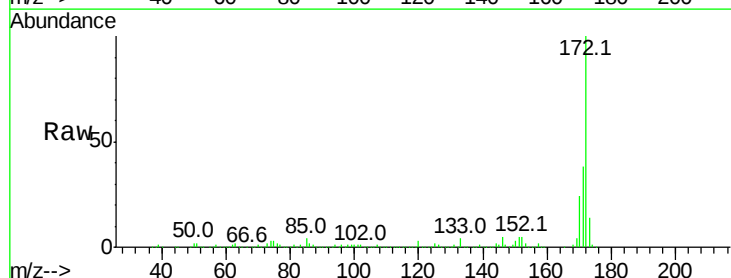
Tgt Ion:172 Resp: 1140276

Ion Ratio Lower Upper

172 100

171 37.7 30.0 45.0

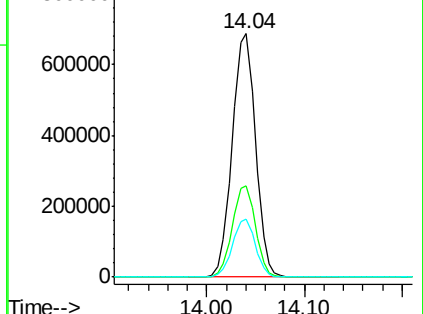
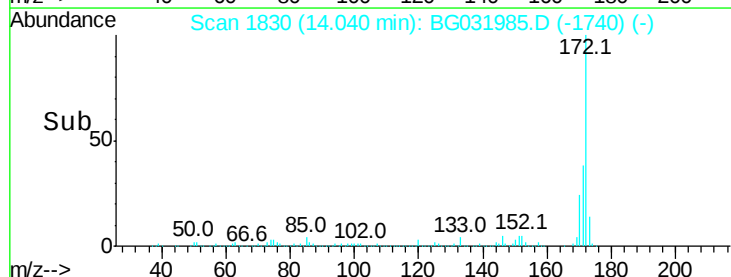
170 23.8 19.5 29.3

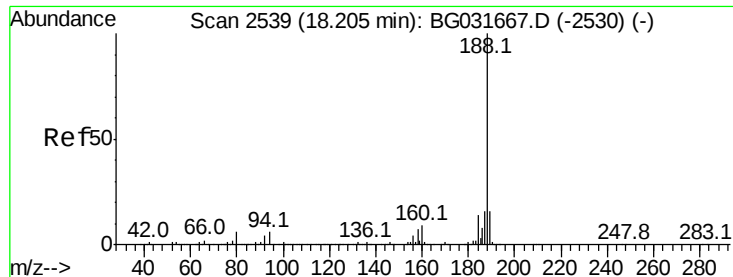


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

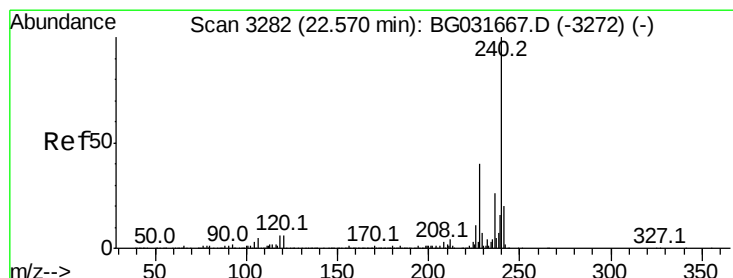
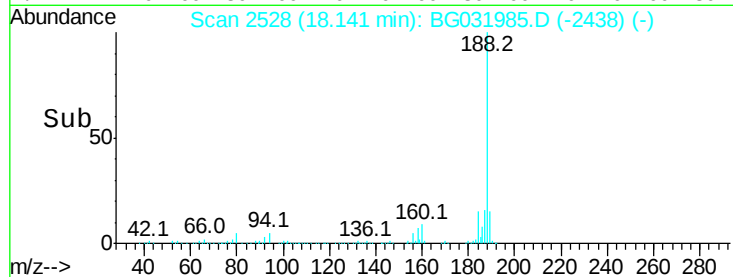
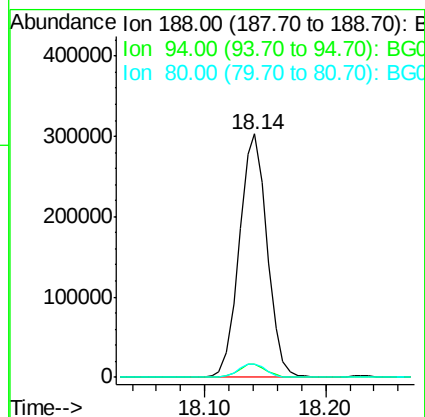
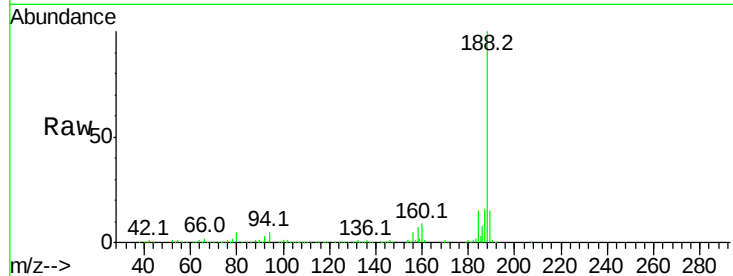




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BG031985.D
Acq: 11 Jan 2018 15:46

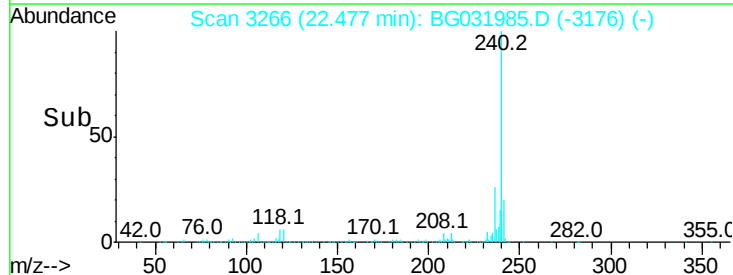
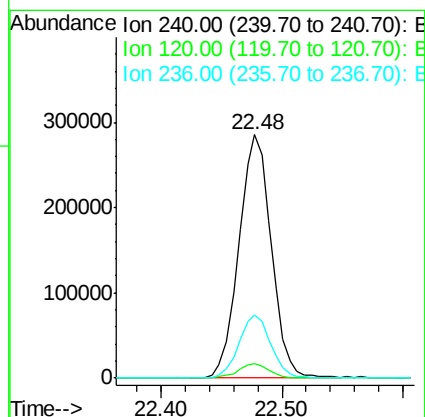
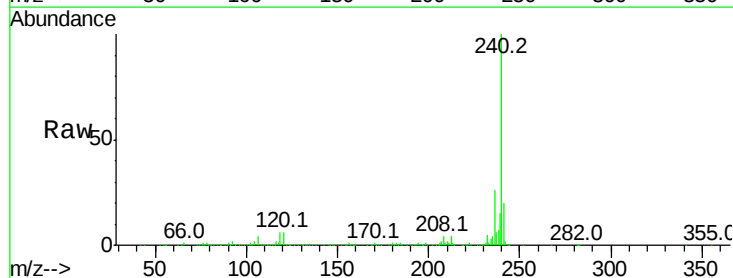
Instrument :
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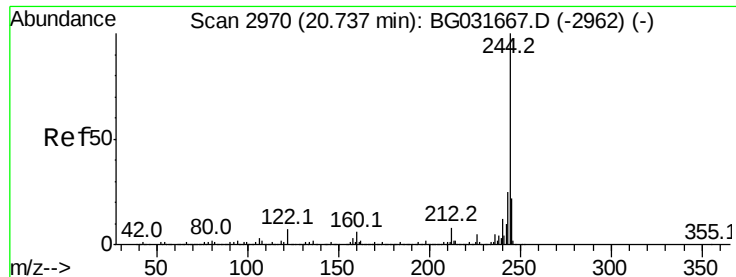
Tot Ion:188 Resp: 486178
Ion Ratio Lower Upper
188 100
94 5.2 6.9 10.3#
80 5.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3266
Delta R.T. -0.00 min
Lab File: BG031985.D
Acq: 11 Jan 2018 15:46

Tgt Ion:240 Resp: 534562
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 74.789 ng

RT: 20.67 min Scan# 2959

Delta R.T. 0.00 min

Lab File: BG031985.D

Acq: 11 Jan 2018 15:46

Instrument :

BNA_G

ClientSampleId :

PB105570BL

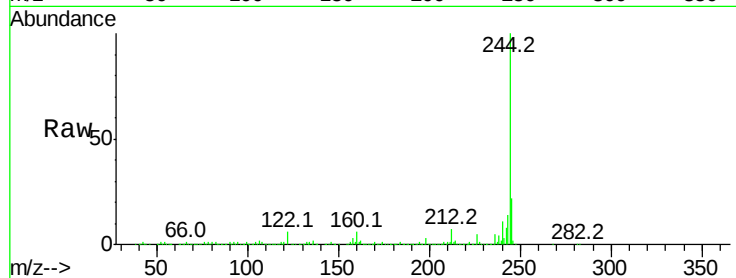
Tot Ion:244 Resp: 1749903

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

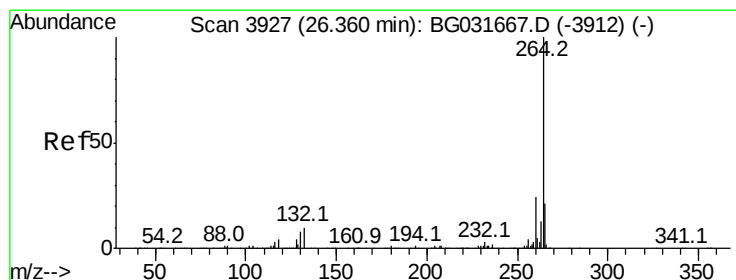
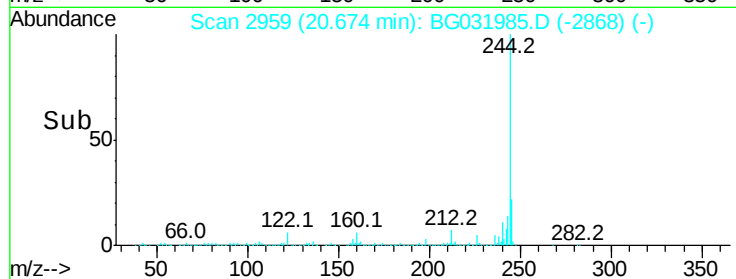
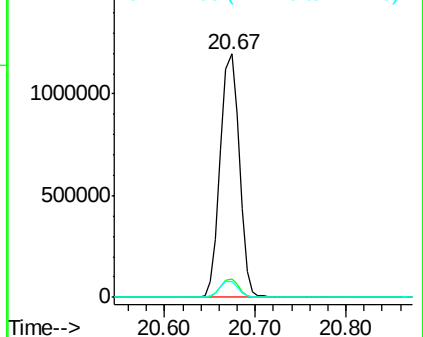
122 6.4 7.0 10.4#



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: 26.20 min Scan# 3900

Delta R.T. -0.00 min

Lab File: BG031985.D

Acq: 11 Jan 2018 15:46

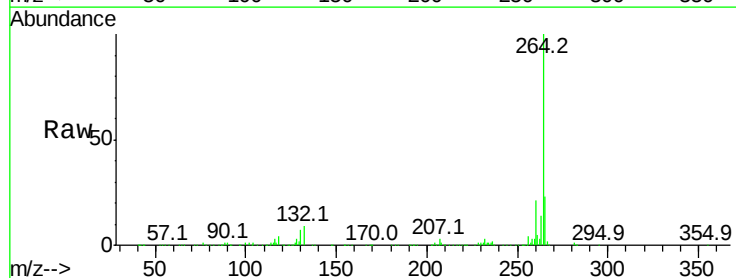
Tgt Ion:264 Resp: 538650

Ion Ratio Lower Upper

264 100

260 21.1 17.4 26.0

265 22.9 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

