

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031791.D
 Acq On : 27 Dec 2017 10:15
 Operator : SJ/JU
 Sample : I7009-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121917-TIDO-F-U-B

Quant Time: Dec 27 10:51:42 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 11:08:55 2017
 Response via : Initial Calibration

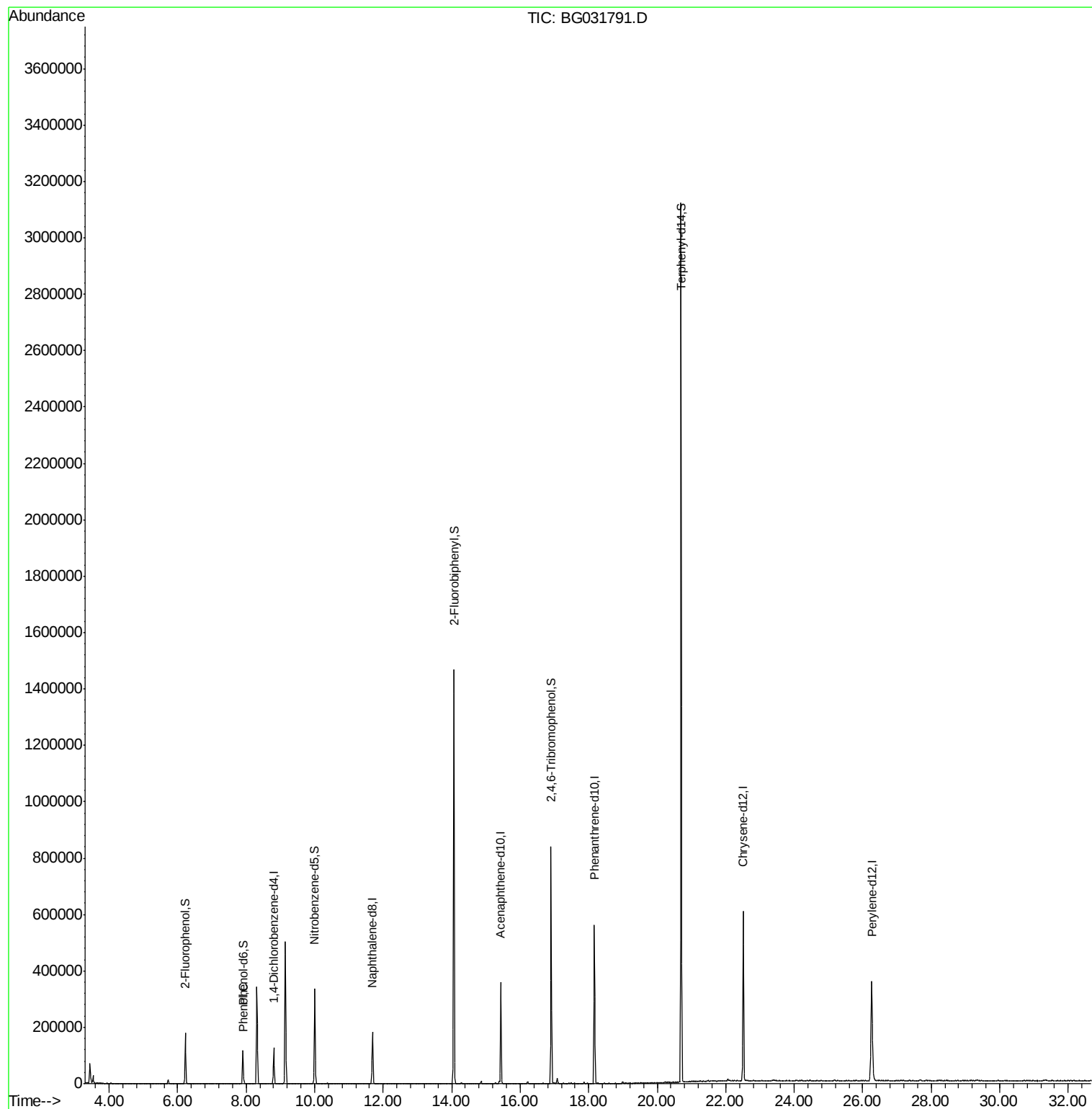
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	44789	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	187861	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	137008	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	384175	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	453297	20.00	ng	-0.06
86) Perylene-d12	26.26	264	486426	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	99328	40.39	ng	-0.03
7) Phenol-d6	7.90	99	80432	25.19	ng	-0.03
23) Nitrobenzene-d5	10.00	82	225064	90.47	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	204327	97.74	ng	-0.03
44) 2-Fluorobiphenyl	14.07	172	891447	81.67	ng	-0.03
78) Terphenyl-d14	20.70	244	1676383	84.49	ng	-0.04
Target Compounds						
10) Phenol	7.93	94	8559	2.655	ng	Qvalue 96

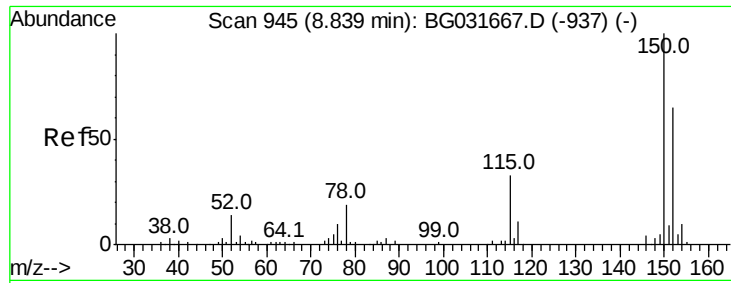
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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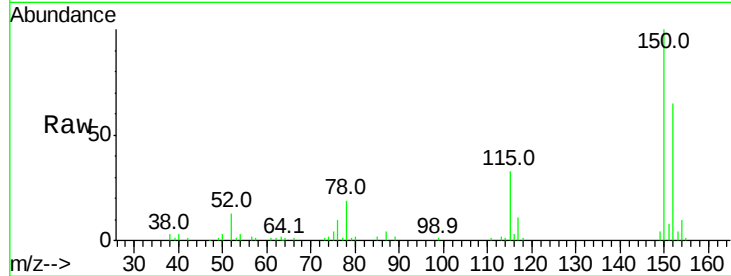


#1

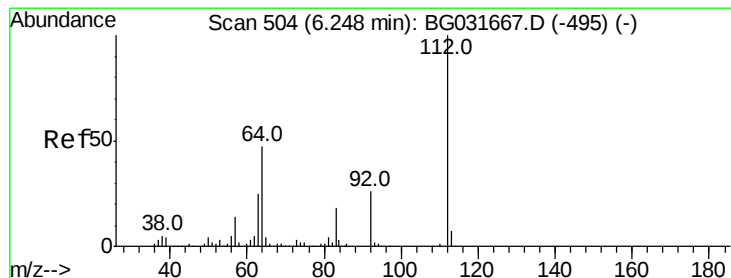
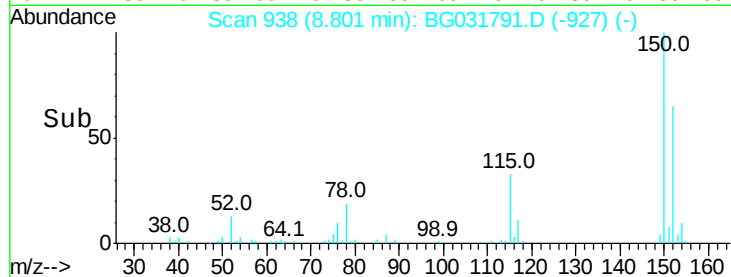
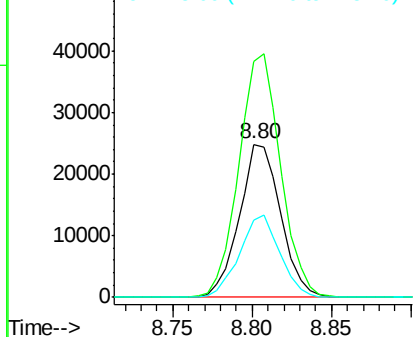
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.04 min
Lab File: BG031791.D
Acq: 27 Dec 2017 10:15

Instrument :
BNA_G
ClientSampleId :
121917-TIDO-F-U-B

Tot Ion:152 Resp: 44789
Ion Ratio Lower Upper
152 100
150 154.2 126.6 189.8
115 50.8 53.0 79.4#



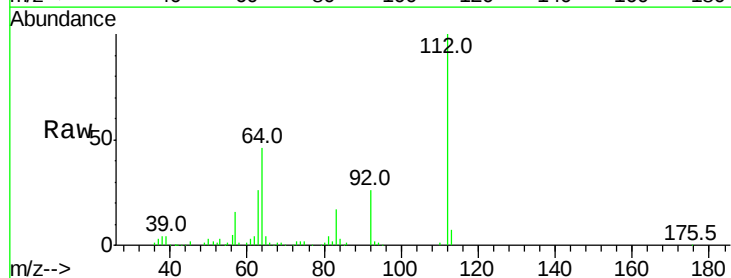
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



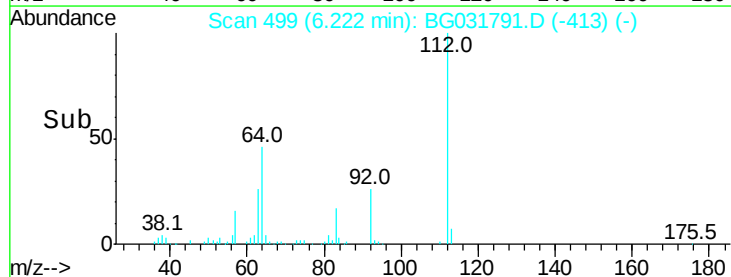
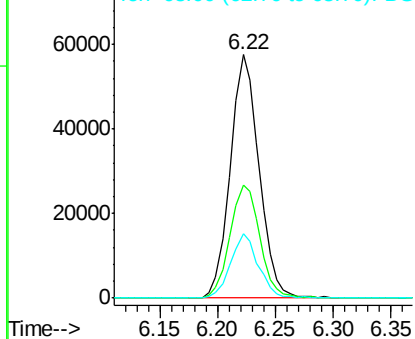
#5

2-Fluorophenol
Concen: 40.393 ng
RT: 6.22 min Scan# 499
Delta R.T. -0.03 min
Lab File: BG031791.D
Acq: 27 Dec 2017 10:15

Tgt Ion:112 Resp: 99328
Ion Ratio Lower Upper
112 100
64 46.3 56.3 84.5#
63 26.4 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: 25.193 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031791.D

Acq: 27 Dec 2017 10:15

Instrument :

BNA_G

ClientSampleId :

121917-TIDO-F-U-B

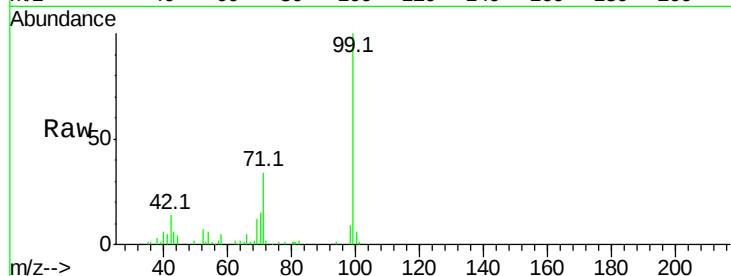
Tot Ion: 99 Resp: 80432

Ion Ratio Lower Upper

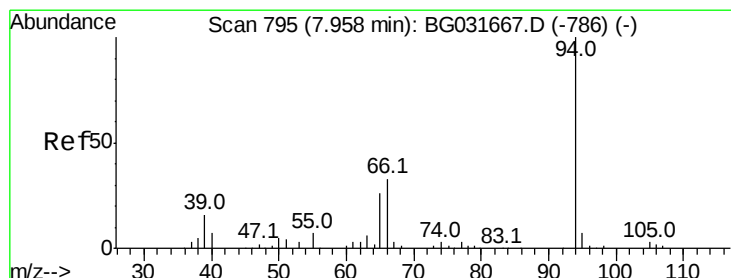
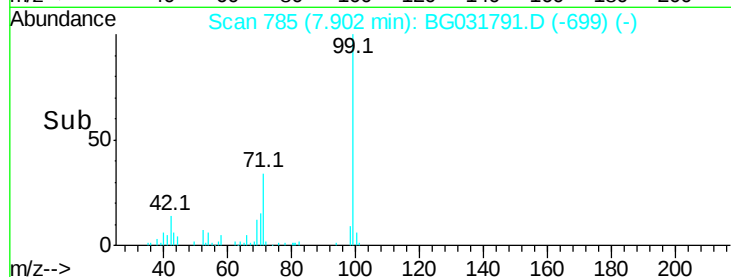
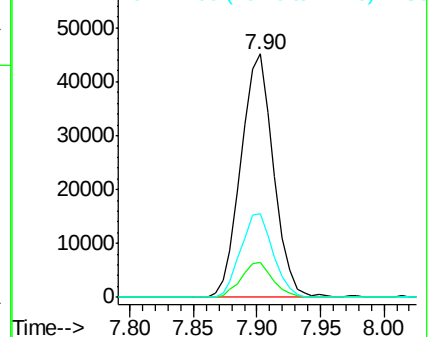
99 100

42 14.2 14.1 21.1

71 34.4 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



#10

Phenol

Concen: 2.655 ng

RT: 7.93 min Scan# 790

Delta R.T. -0.03 min

Lab File: BG031791.D

Acq: 27 Dec 2017 10:15

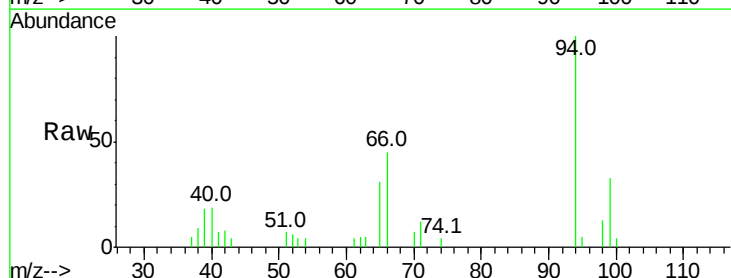
Tgt Ion: 94 Resp: 8559

Ion Ratio Lower Upper

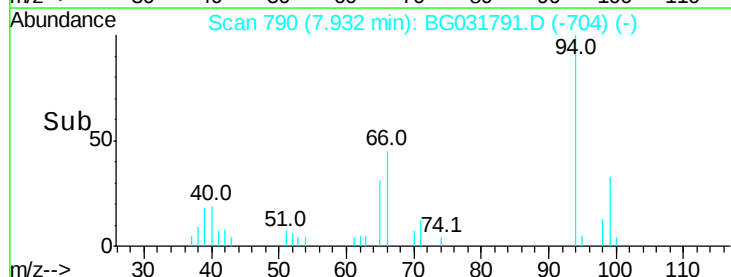
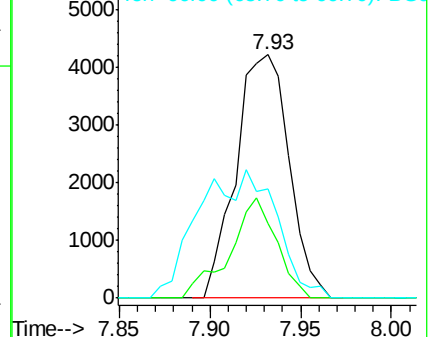
94 100

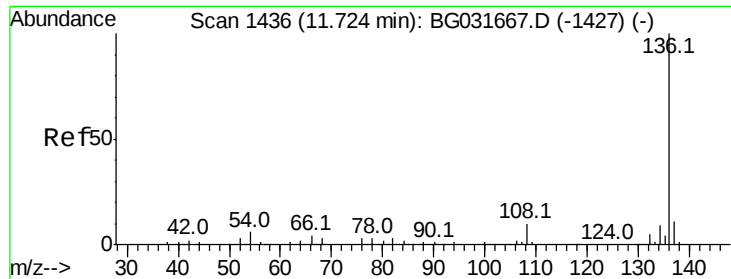
65 30.6 11.9 51.9

66 45.1 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.69 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BG031791.D

Acq: 27 Dec 2017 10:15

Instrument :

BNA_G

ClientSampleId :

121917-TIDO-F-U-B

Tot Ion:136 Resp: 187861

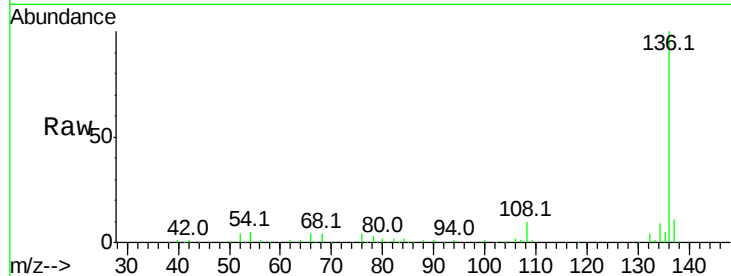
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 4.8 10.3 15.5#

68 3.7 4.5 6.7#

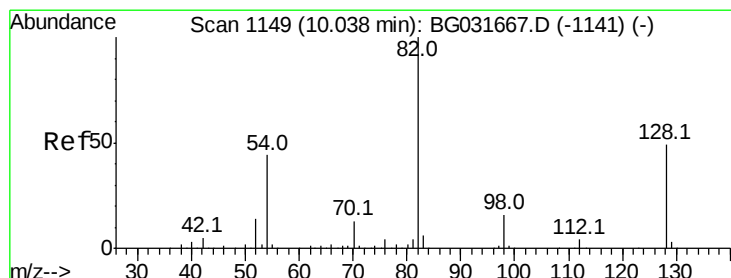
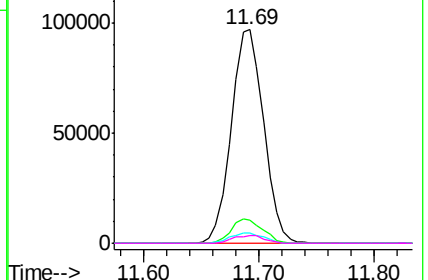
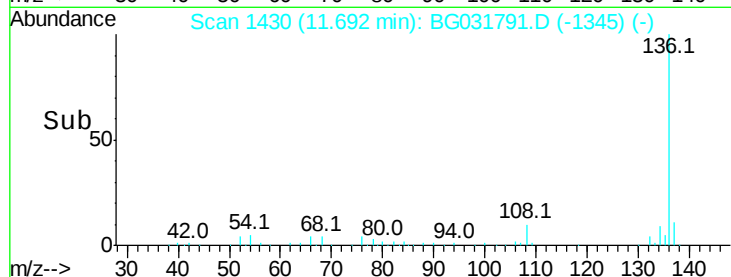


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 90.466 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.04 min

Lab File: BG031791.D

Acq: 27 Dec 2017 10:15

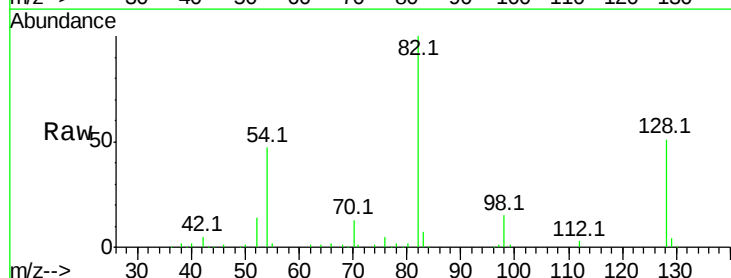
Tgt Ion: 82 Resp: 225064

Ion Ratio Lower Upper

82 100

128 51.2 29.7 44.5#

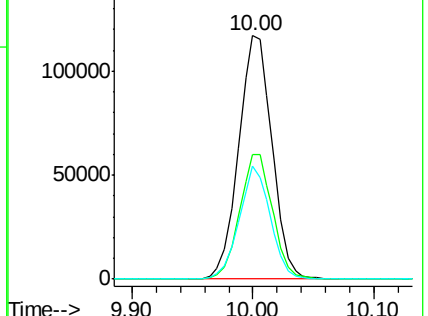
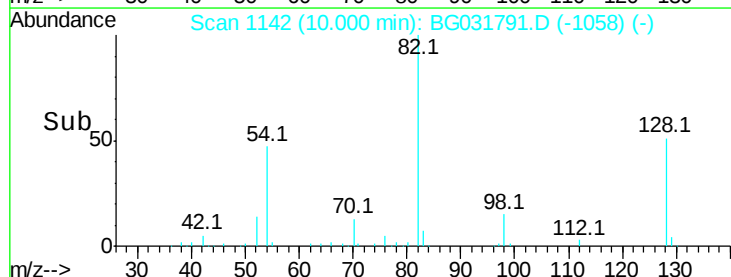
54 46.5 43.1 64.7

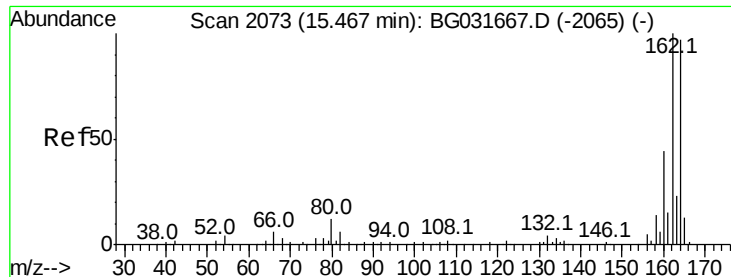


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.43 min Scan# 2067

Delta R.T. -0.03 min

Lab File: BG031791.D

Acq: 27 Dec 2017 10:15

Instrument :

BNA_G

ClientSampleId :

121917-TIDO-F-U-B

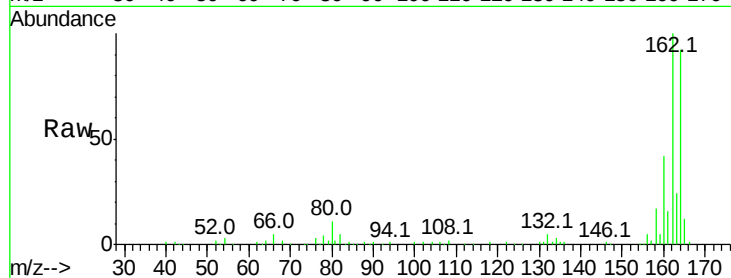
Tot Ion:164 Resp: 137008

Ion Ratio Lower Upper

164 100

162 108.4 78.8 118.2

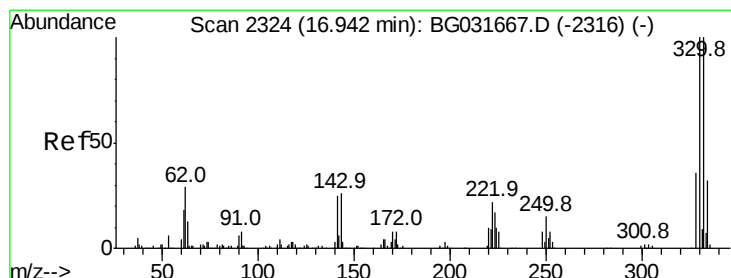
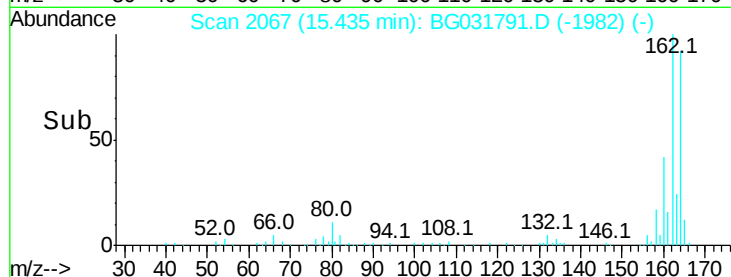
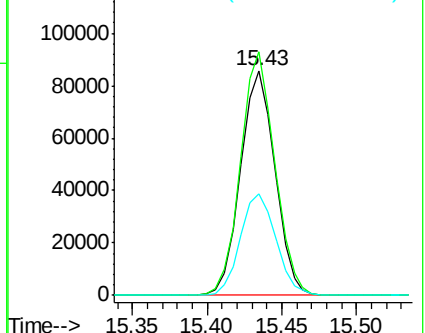
160 45.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 97.738 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.03 min

Lab File: BG031791.D

Acq: 27 Dec 2017 10:15

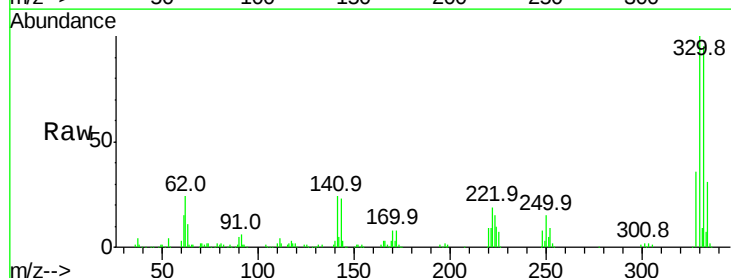
Tgt Ion:330 Resp: 204327

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

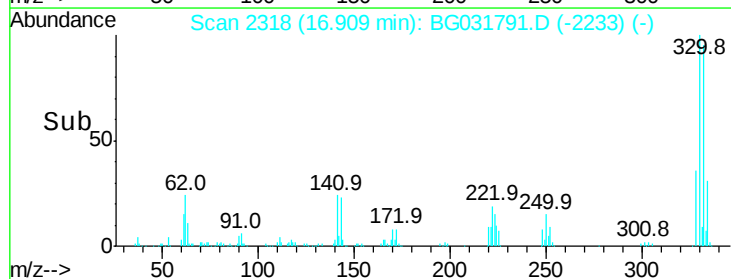
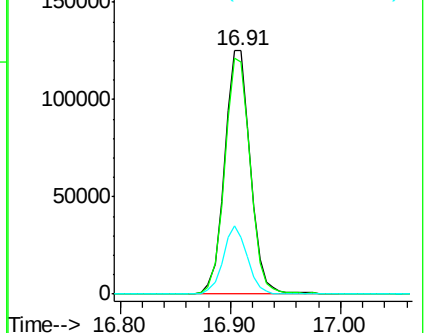
141 26.1 25.2 37.8



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

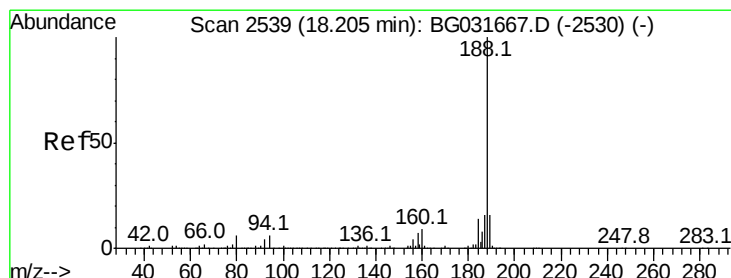
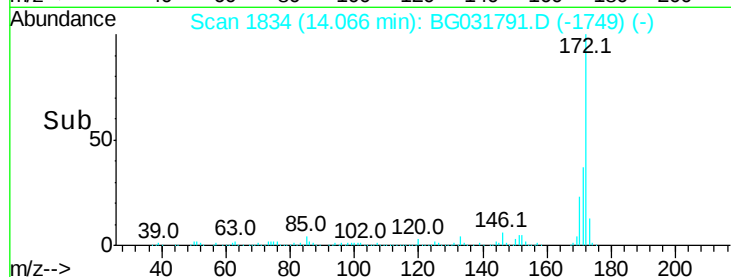
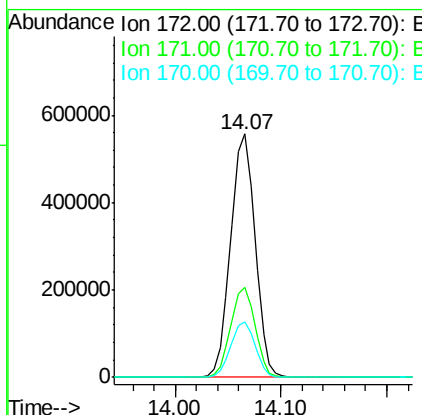
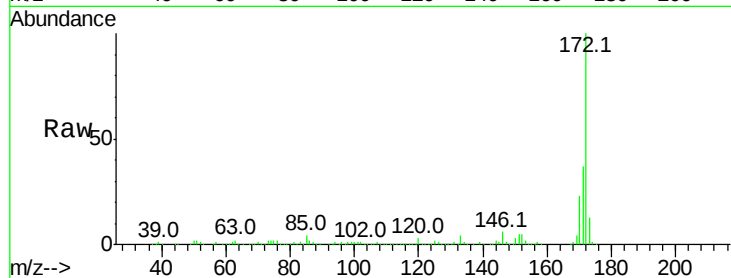




#44
 2-Fluorobiphenyl
 Concen: 81.666 ng
 RT: 14.07 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031791.D
 Acq: 27 Dec 2017 10:15

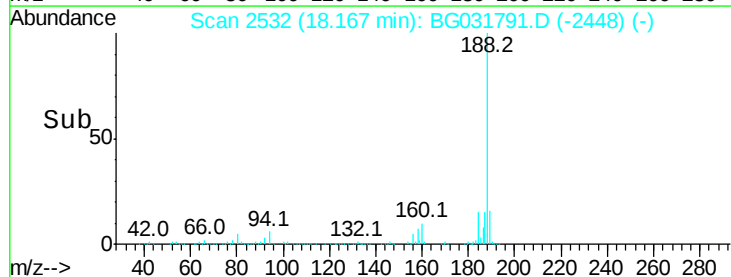
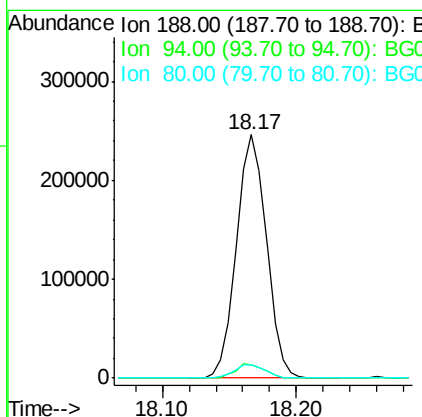
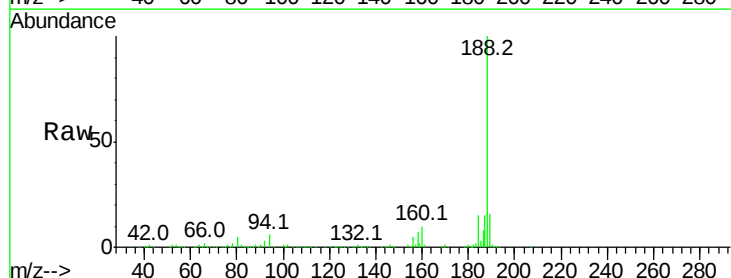
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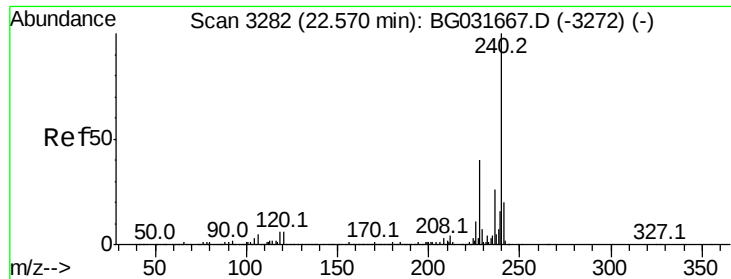
Tot Ion:172 Resp: 891447
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.0 45.0
 170 23.0 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.17 min Scan# 2532
 Delta R.T. -0.04 min
 Lab File: BG031791.D
 Acq: 27 Dec 2017 10:15

Tgt Ion:188 Resp: 384175
 Ion Ratio Lower Upper
 188 100
 94 5.6 6.9 10.3#
 80 5.5 7.7 11.5#

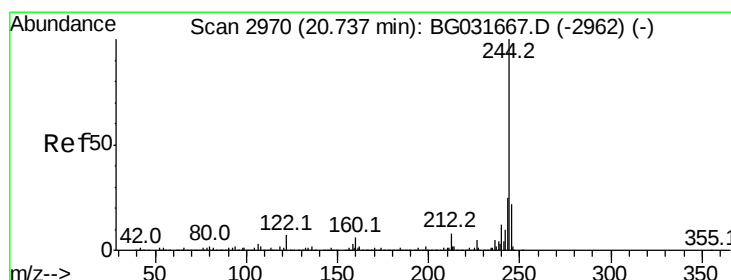
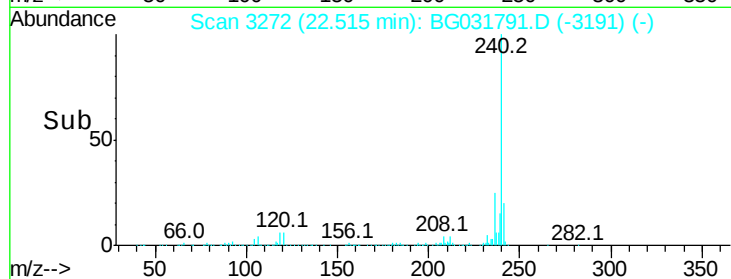
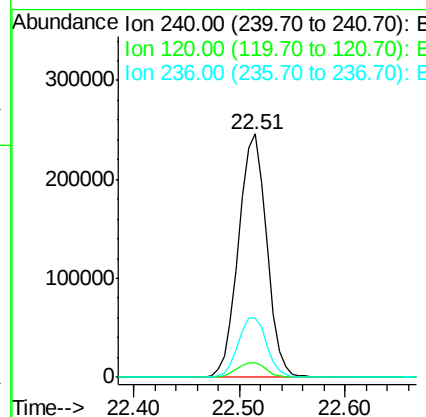
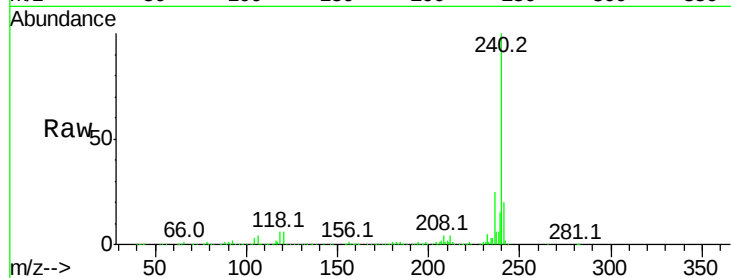




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031791.D
Acq: 27 Dec 2017 10:15

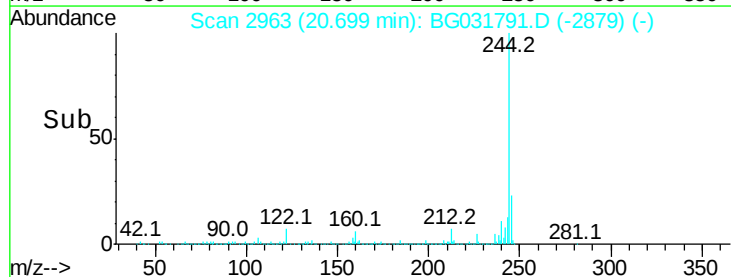
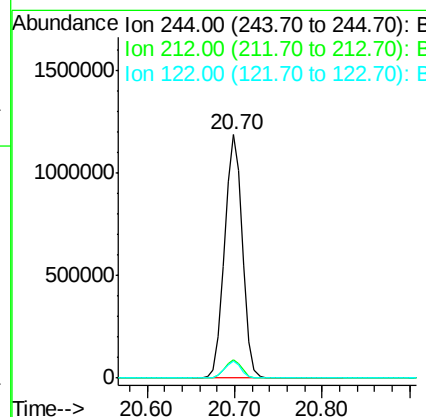
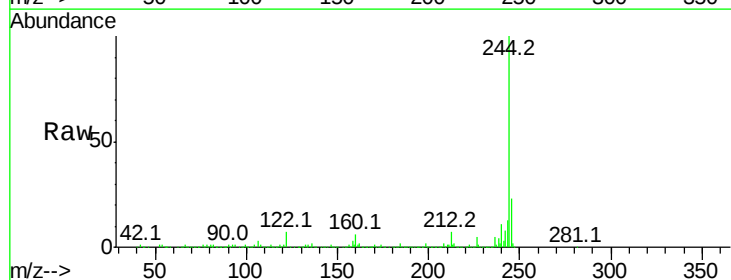
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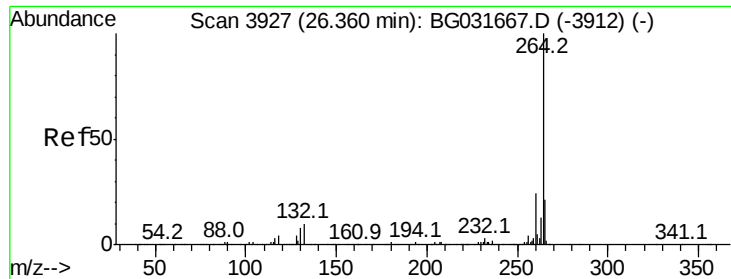
Tot Ion:240 Resp: 453297
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 24.6 20.9 31.3



#78
Terphenyl-d14
Concen: 84.491 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.04 min
Lab File: BG031791.D
Acq: 27 Dec 2017 10:15

Tgt Ion:244 Resp: 1676383
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 7.2 7.0 10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.26 min Scan# 3910
Delta R.T. -0.10 min
Lab File: BG031791.D
Acq: 27 Dec 2017 10:15

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	22.5	17.7	26.5

