

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035553.D
 Acq On : 2 Jul 2018 16:23
 Operator : JU/SJ
 Sample : J3790-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ZER-WC-S-01-0-72

Quant Time: Jul 03 08:03:07 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

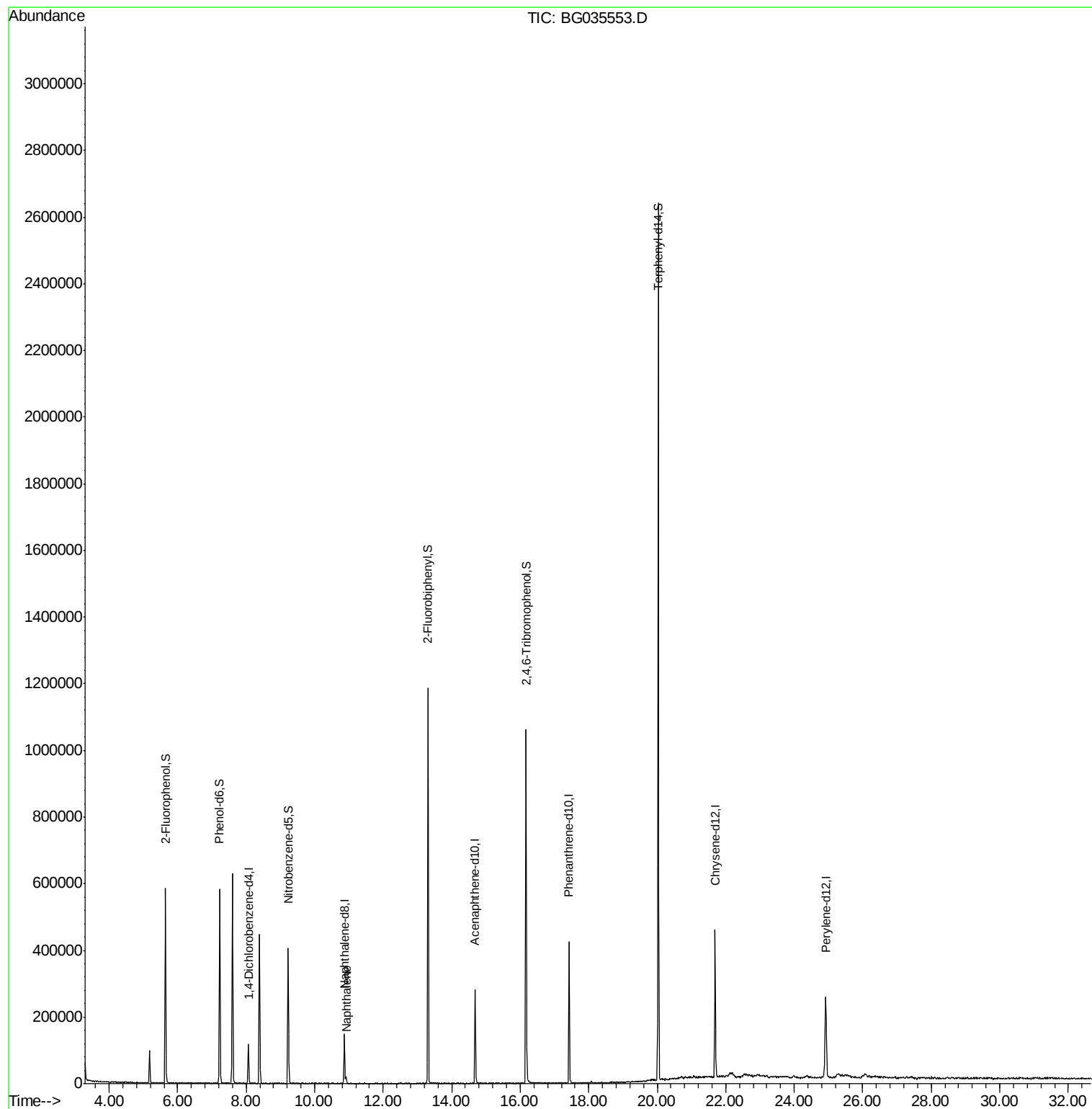
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	32938	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	125193	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	97466	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	265164	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	288157	20.00	ng	-0.03
86) Perylene-d12	24.91	264	272127	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	256325	131.33	ng	0.00
7) Phenol-d6	7.23	99	352252	122.28	ng	0.00
23) Nitrobenzene-d5	9.22	82	268163	101.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	208951	167.47	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	650955	86.82	ng	-0.02
78) Terphenyl-d14	20.03	244	1288915	93.69	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.92	128	17411	2.677	ng	98

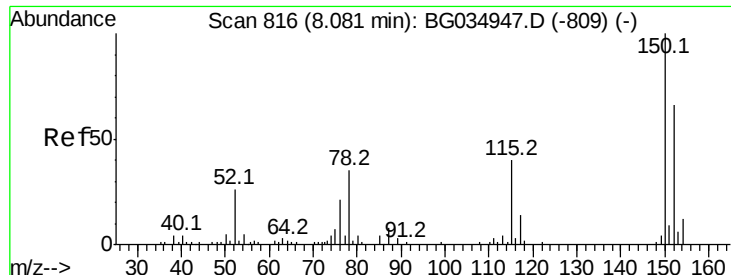
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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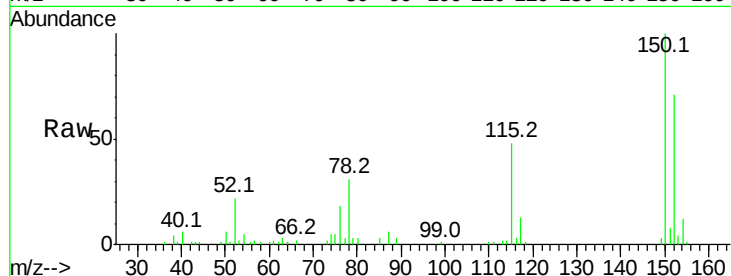


#1

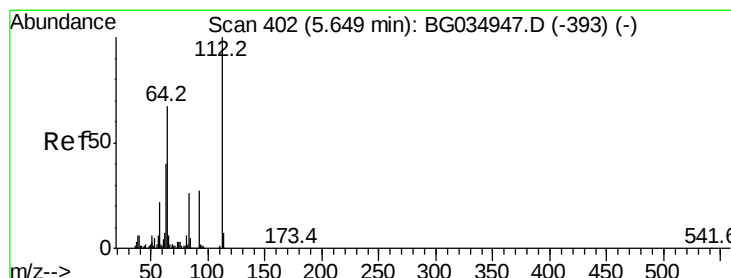
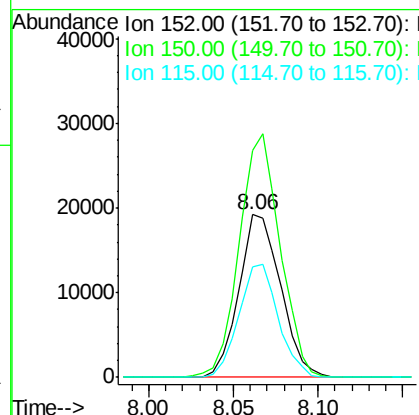
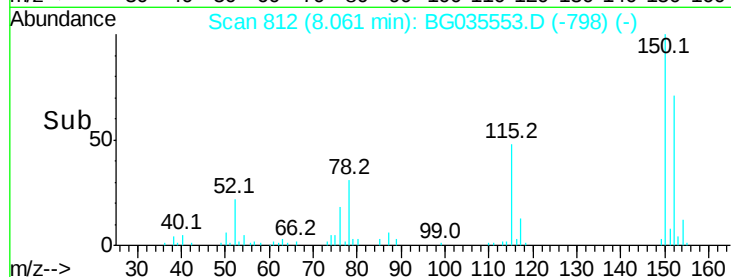
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Instrument :
BNA_G
ClientSampleId :
ZER-WC-S-01-0-72

Tot Ion:152 Resp: 32938
Ion Ratio Lower Upper
152 100
150 139.9 126.6 189.8
115 67.7 53.0 79.4



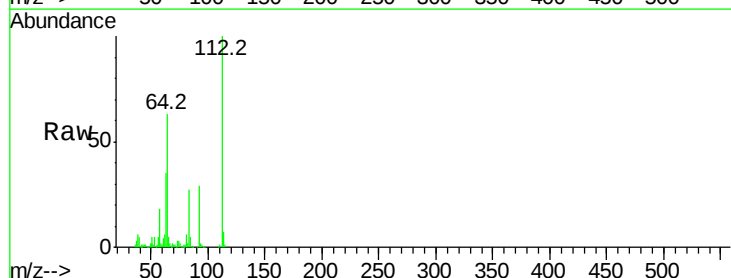
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



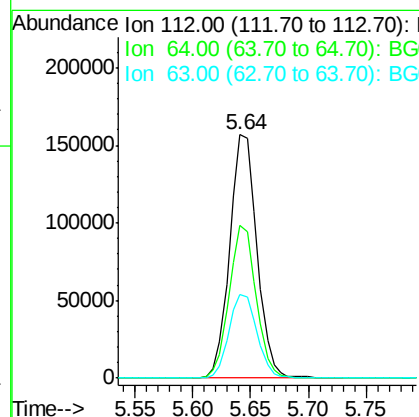
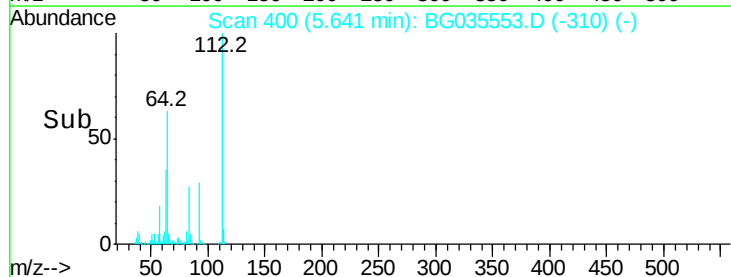
#5

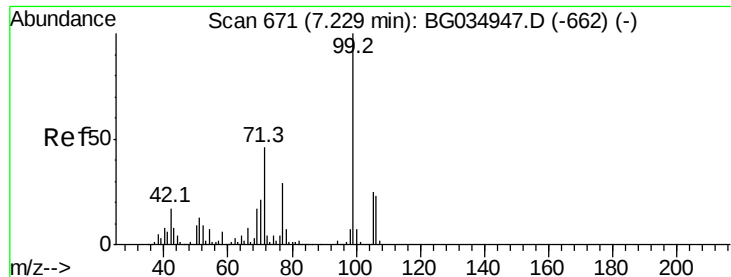
2-Fluorophenol
Concen: 131.330 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.00 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Tgt Ion:112 Resp: 256325
Ion Ratio Lower Upper
112 100
64 62.7 56.3 84.5
63 34.6 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: 122.281 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035553.D

Acq: 2 Jul 2018 16:23

Instrument :

BNA_G

ClientSampleId :

ZER-WC-S-01-0-72

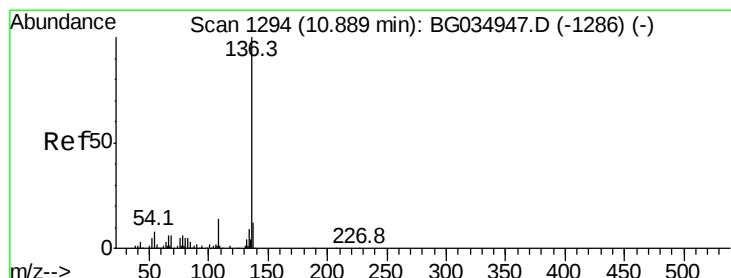
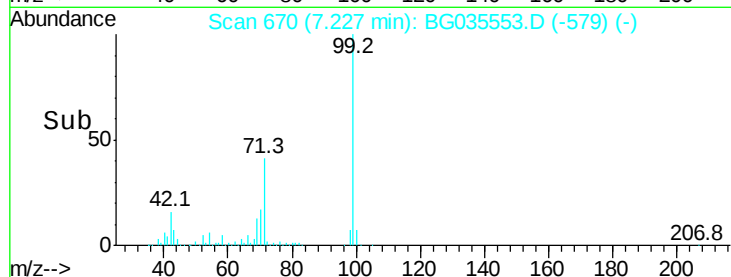
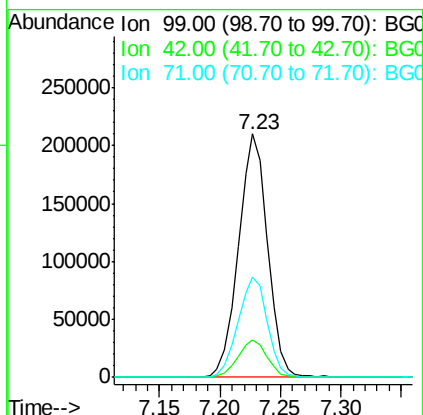
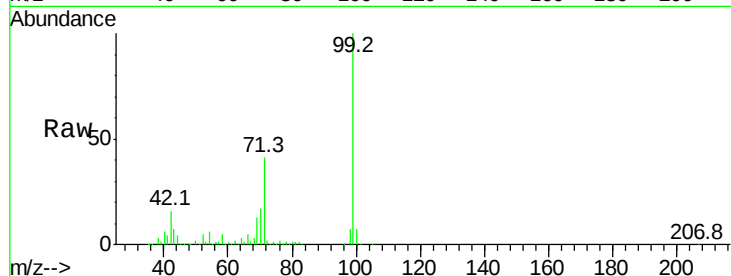
Tot Ion: 99 Resp: 352252

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

71 41.4 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG035553.D

Acq: 2 Jul 2018 16:23

Tgt Ion: 136 Resp: 125193

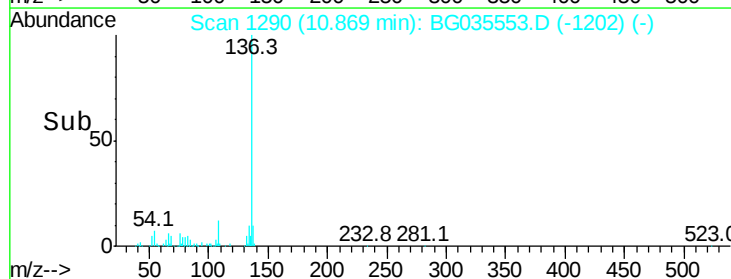
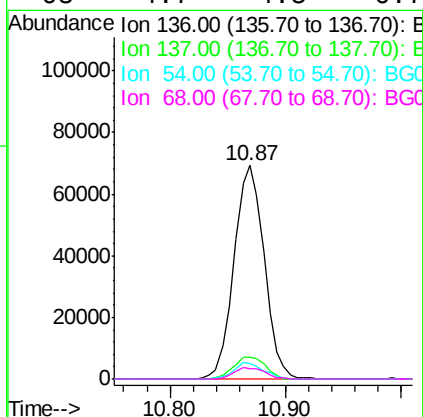
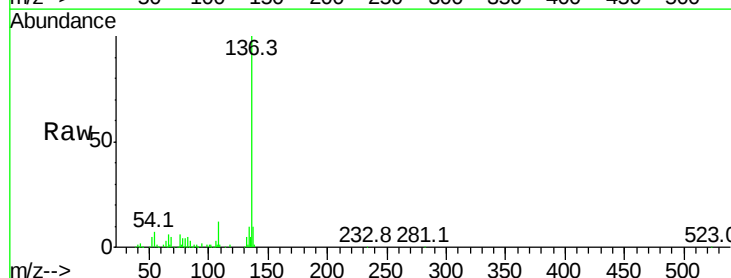
Ion Ratio Lower Upper

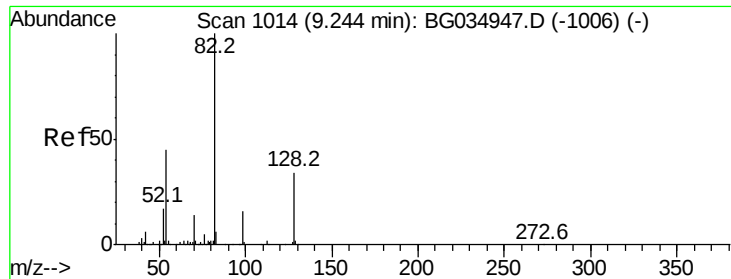
136 100

137 10.0 9.2 13.8

54 7.1 10.3 15.5#

68 4.7 4.5 6.7

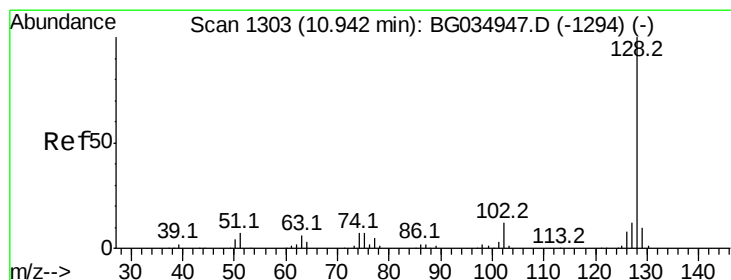
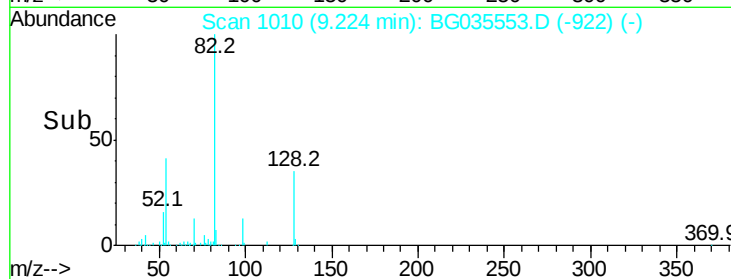
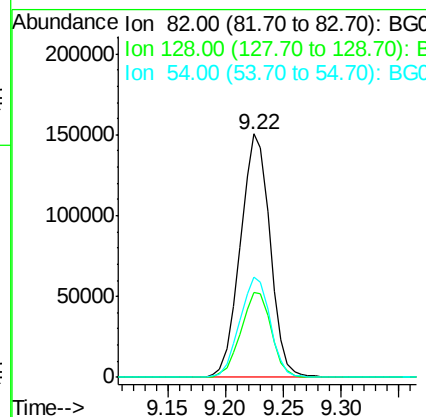
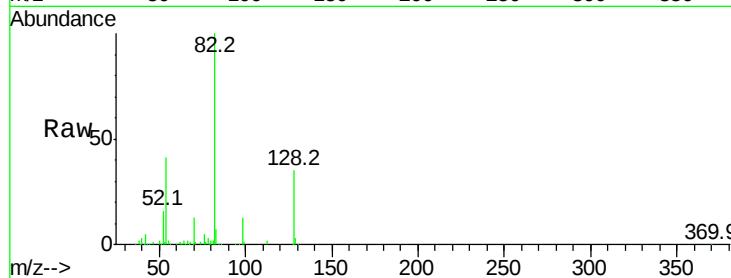




#23
Nitrobenzene-d5
Concen: 101.818 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

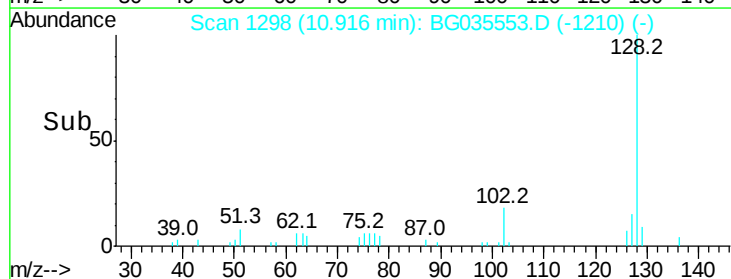
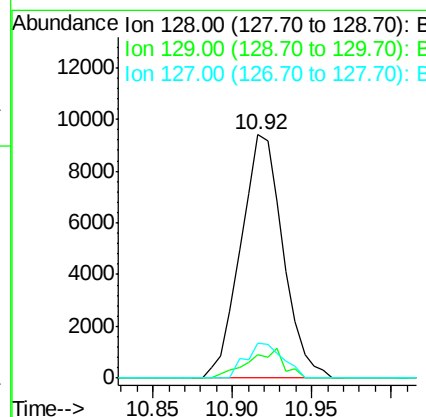
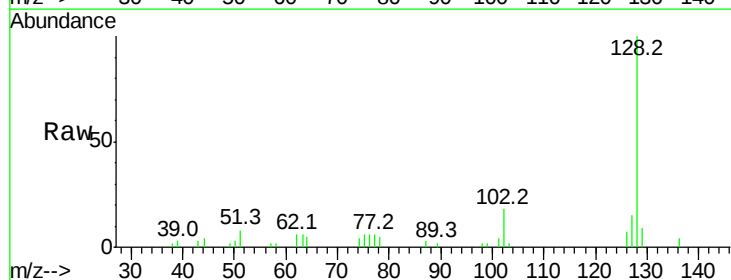
Instrument :
BNA_G
ClientSampleId :
ZER-WC-S-01-0-72

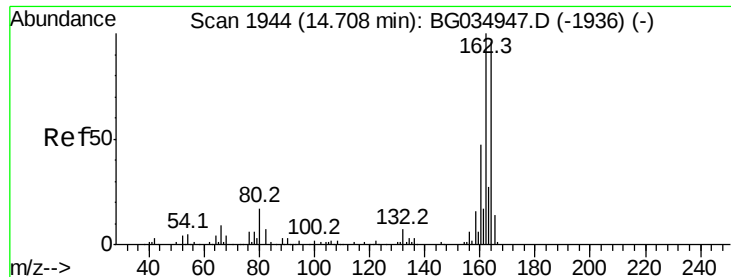
Tot Ion: 82 Resp: 268163
Ion Ratio Lower Upper
82 100
128 35.1 29.7 44.5
54 41.4 43.1 64.7#



#31
Naphthalene
Concen: 2.677 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Tgt Ion:128 Resp: 17411
Ion Ratio Lower Upper
128 100
129 9.4 8.6 12.8
127 14.6 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG035553.D

Acq: 2 Jul 2018 16:23

Instrument :

BNA_G

ClientSampleId :

ZER-WC-S-01-0-72

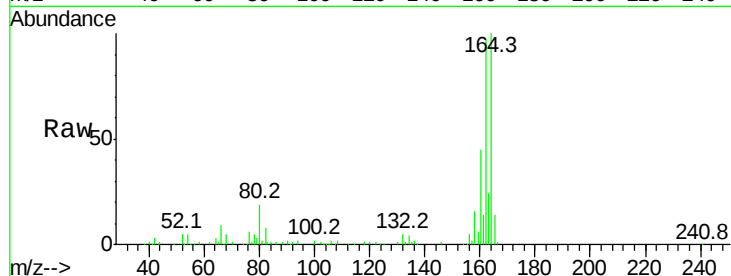
Tot Ion:164 Resp: 97466

Ion Ratio Lower Upper

164 100

162 97.2 78.8 118.2

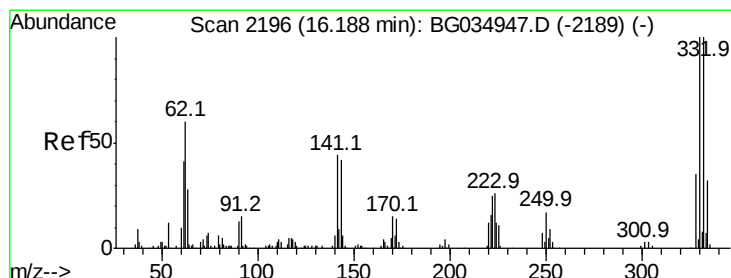
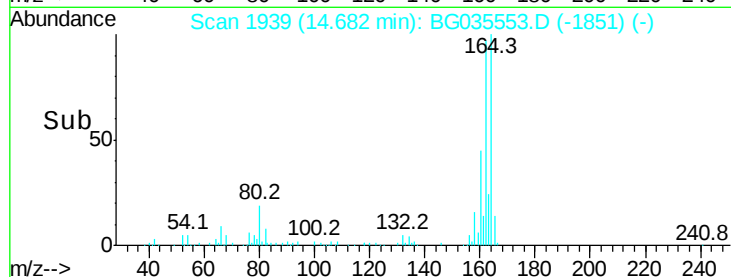
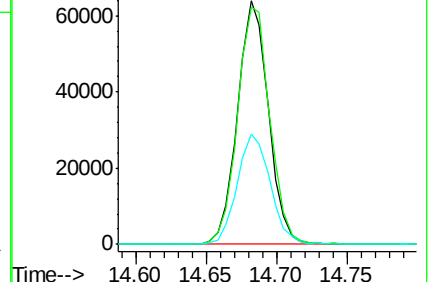
160 45.2 35.4 53.0



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: 167.470 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG035553.D

Acq: 2 Jul 2018 16:23

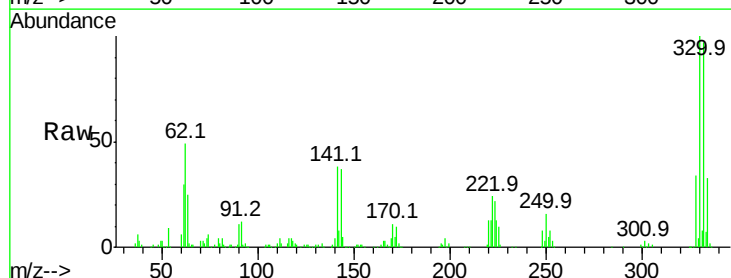
Tgt Ion:330 Resp: 208951

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

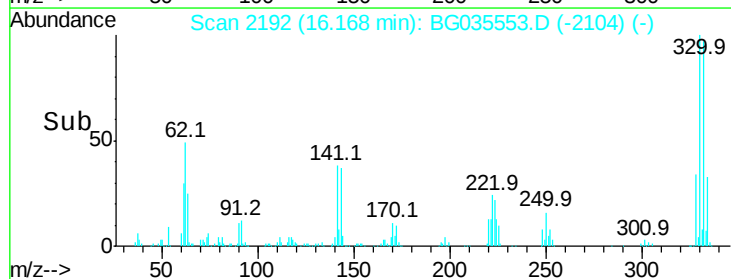
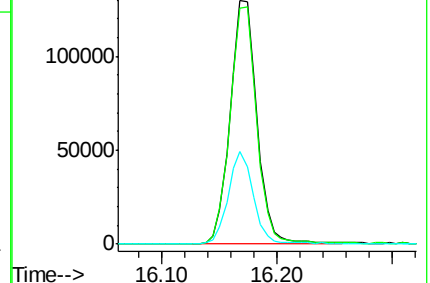
141 35.7 25.2 37.8

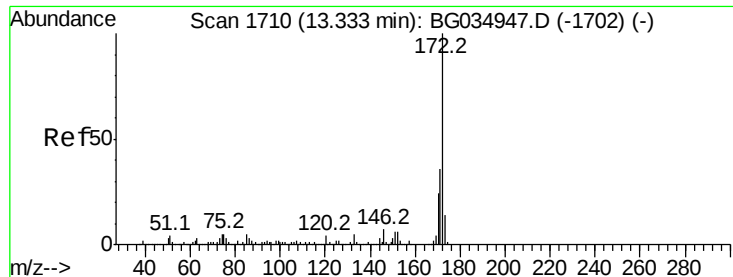


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

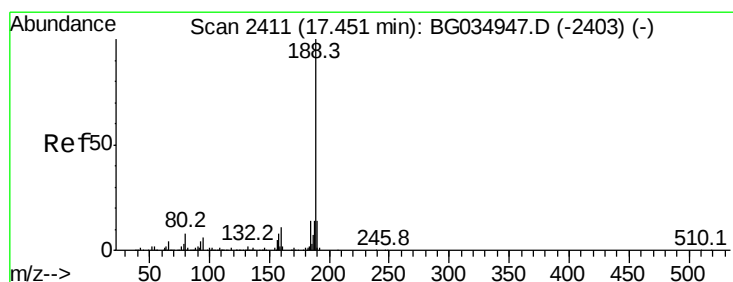
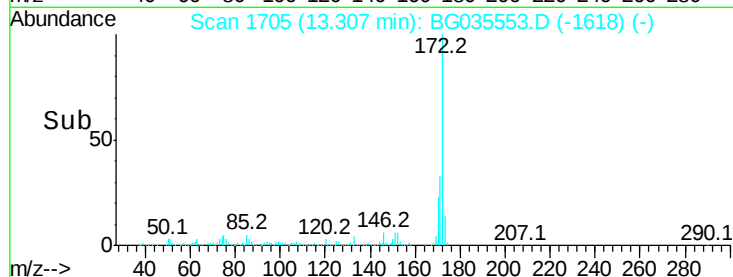
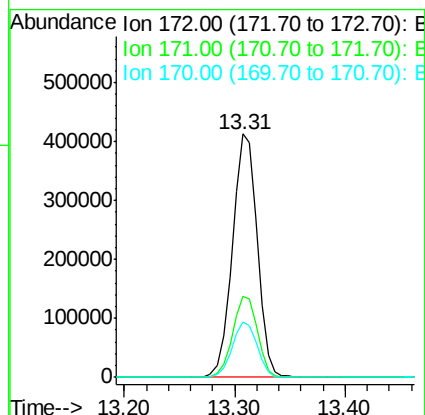
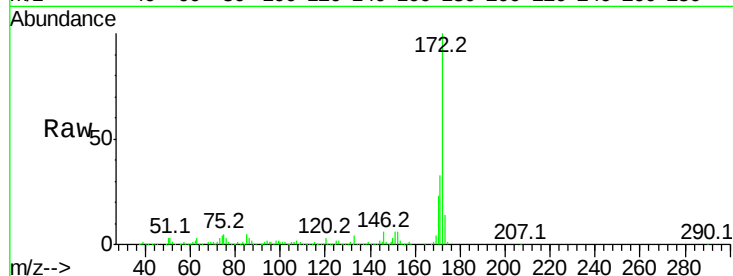




#44
2-Fluorobiphenyl
Concen: 86.824 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

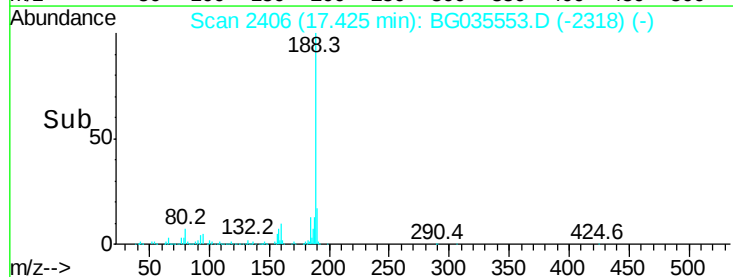
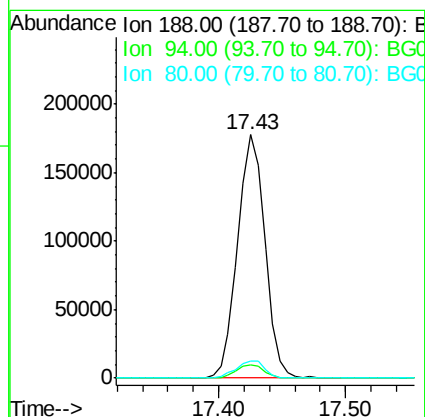
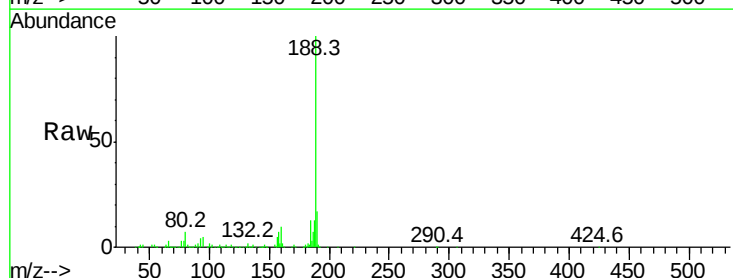
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BNA_G
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ZER-WC-S-01-0-72

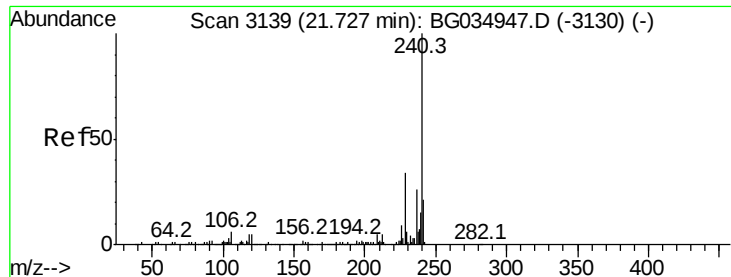
Tot Ion:172 Resp: 650955
Ion Ratio Lower Upper
172 100
171 33.0 30.0 45.0
170 22.8 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG035553.D
Acq: 2 Jul 2018 16:23

Tgt Ion:188 Resp: 265164
Ion Ratio Lower Upper
188 100
94 5.4 6.9 10.3#
80 7.1 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: BG035553.D

Acq: 2 Jul 2018 16:23

Instrument :

BNA_G

ClientSampleId :

ZER-WC-S-01-0-72

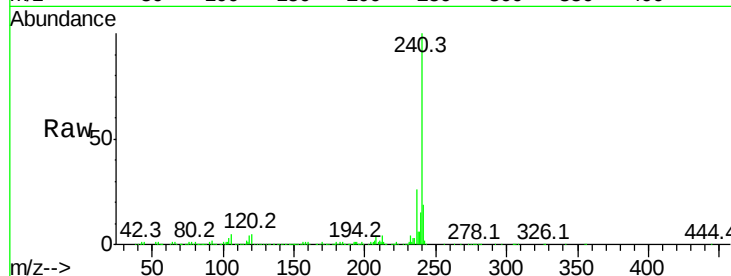
Tot Ion:240 Resp: 288157

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

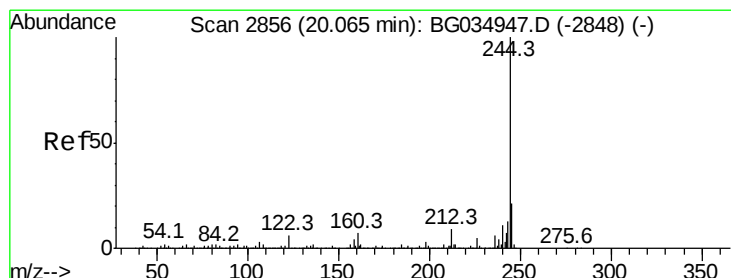
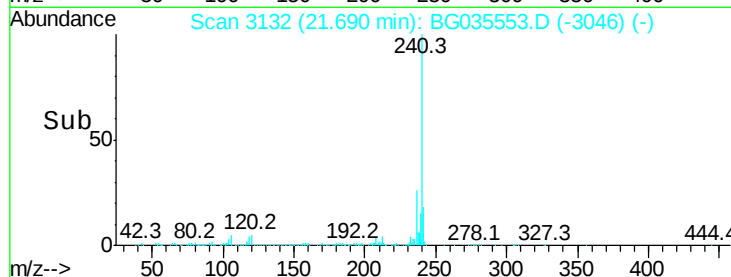
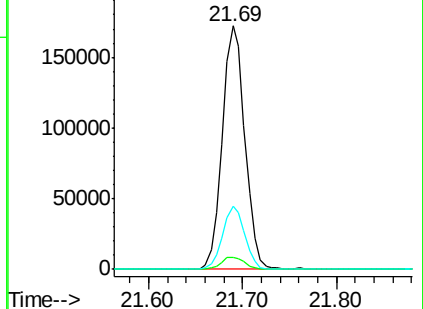
236 25.7 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 93.694 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG035553.D

Acq: 2 Jul 2018 16:23

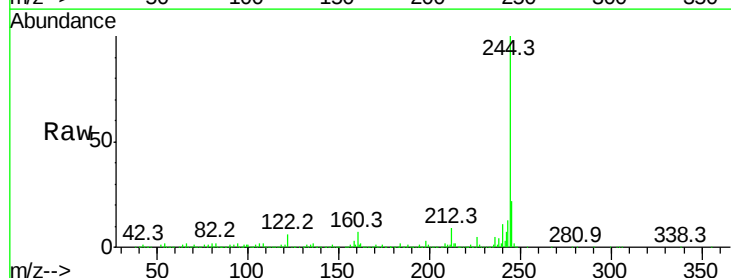
Tgt Ion:244 Resp: 1288915

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

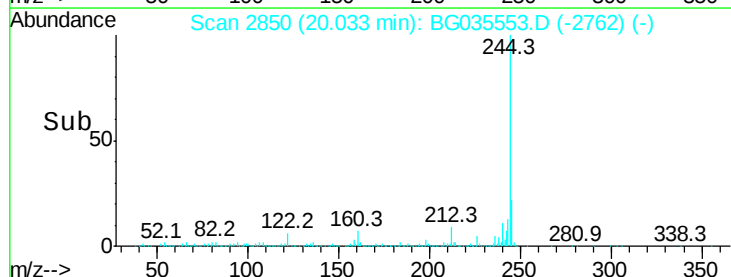
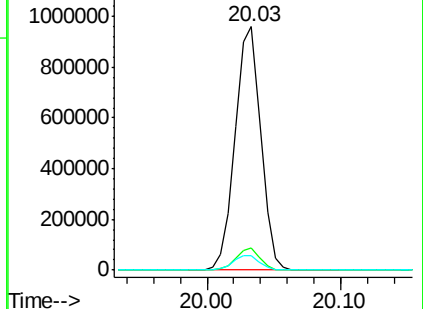
122 5.8 7.0 10.4#

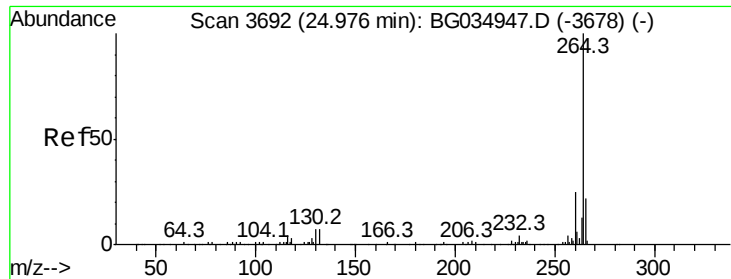


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3681
 Delta R.T. -0.04 min
 Lab File: BG035553.D
 Acq: 2 Jul 2018 16:23

Instrument :
 BNA_G
 ClientSampleId :
 ZER-WC-S-01-0-72

Tot Ion:264 Resp: 272127
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.4 26.0
 265 19.9 17.7 26.5

