

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
 Data File : BG027691.D
 Acq On : 27 Jun 2017 1:43
 Operator : SJ/JU
 Sample : I3904-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CAN-WC-S-2-11-50

Quant Time: Jun 27 02:21:27 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	13943	20.00	ng	-0.02
21) Naphthalene-d8	11.31	136	60495	20.00	ng	-0.02
38) Acenaphthene-d10	15.07	164	42643	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	138647	20.00	ng	-0.02
75) Chrysene-d12	22.18	240	159694	20.00	ng	-0.03
86) Perylene-d12	25.80	264	154422	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.08	112	144208	147.20	ng	-0.01
7) Phenol-d6	7.63	99	191308	131.91	ng	-0.02
23) Nitrobenzene-d5	9.65	82	129188	101.05	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	140099	220.37	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	317180	101.60	ng	-0.02
78) Terphenyl-d14	20.40	244	797684	117.69	ng	-0.02

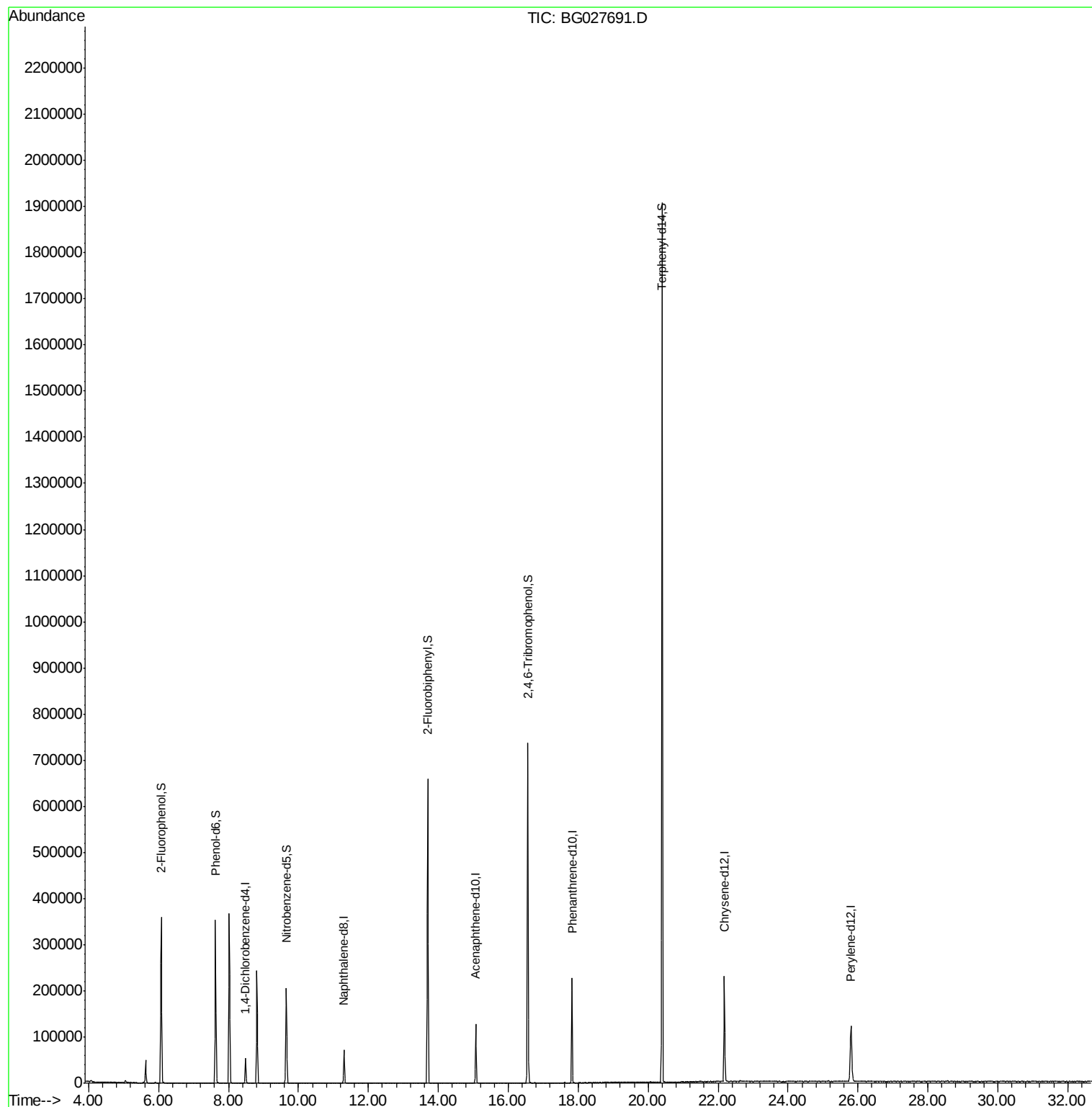
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.49 min Scan# 783

Delta R.T. -0.02 min

Lab File: BG027691.D

Acq: 27 Jun 2017 1:43

Instrument :

BNA_G

ClientSampleId :

CAN-WC-S-2-11-50

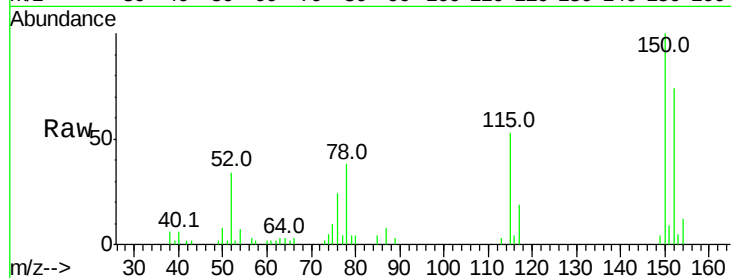
Tot Ion:152 Resp: 13943

Ion Ratio Lower Upper

152 100

150 134.2 114.0 171.0

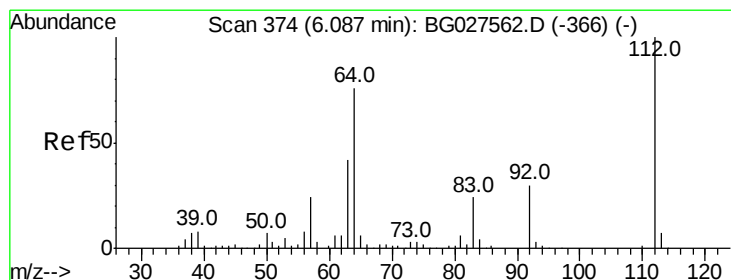
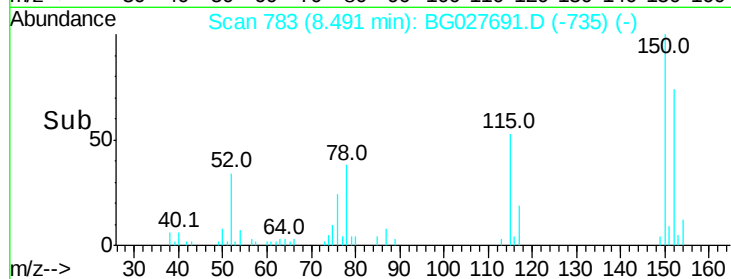
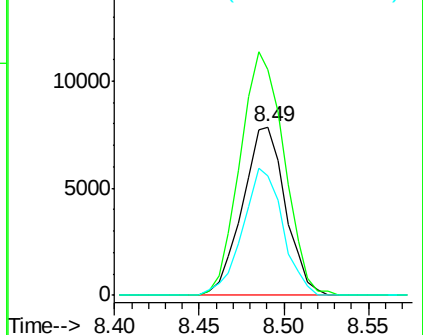
115 71.2 48.1 72.1



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: 147.20 ng

RT: 6.08 min Scan# 372

Delta R.T. -0.01 min

Lab File: BG027691.D

Acq: 27 Jun 2017 1:43

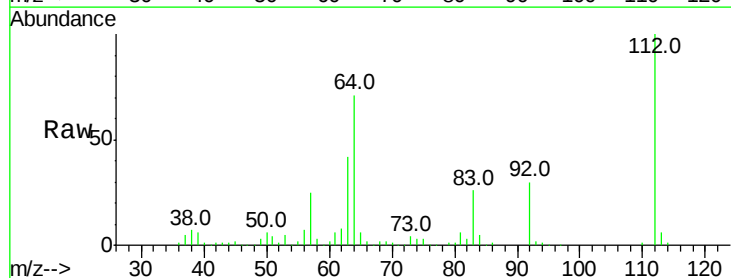
Tgt Ion:112 Resp: 144208

Ion Ratio Lower Upper

112 100

64 71.1 61.8 92.6

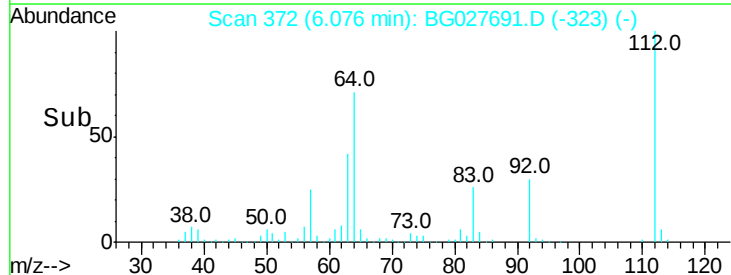
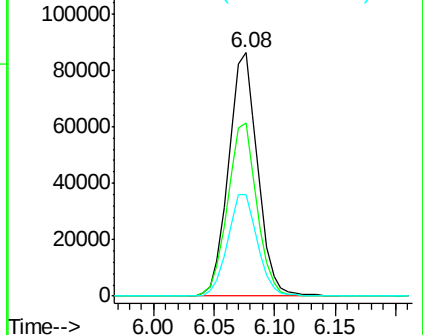
63 41.5 37.2 55.8

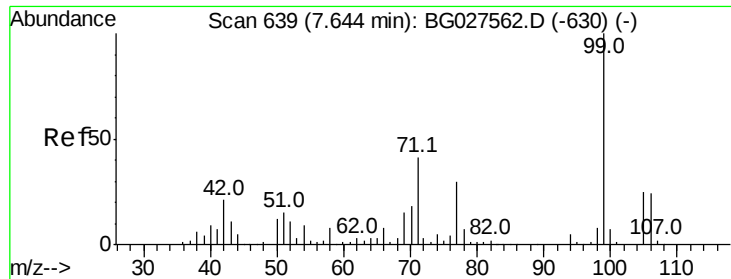


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 131.91 ng

RT: 7.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BG027691.D

Acq: 27 Jun 2017 1:43

Instrument :

BNA_G

ClientSampleId :

CAN-WC-S-2-11-50

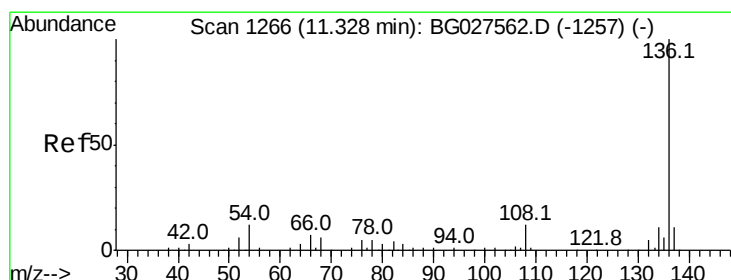
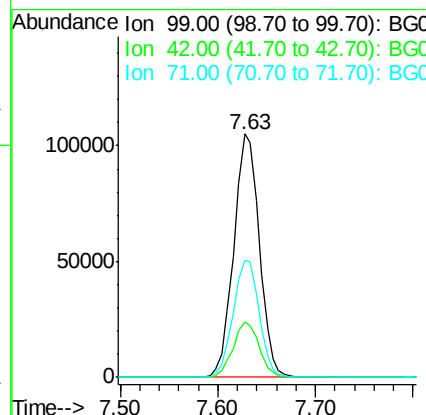
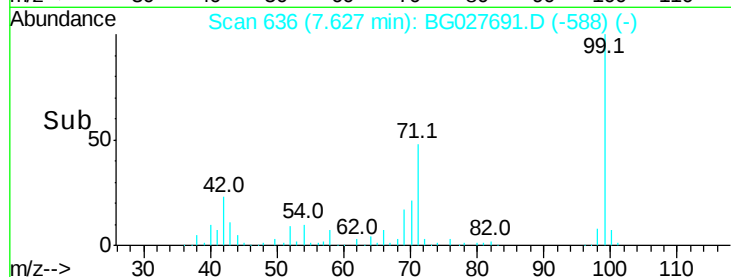
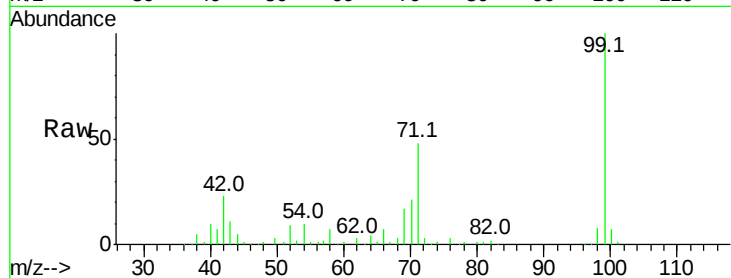
Tot Ion: 99 Resp: 191308

Ion Ratio Lower Upper

99 100

42 23.0 20.5 30.7

71 48.1 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.31 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BG027691.D

Acq: 27 Jun 2017 1:43

Tgt Ion: 136 Resp: 60495

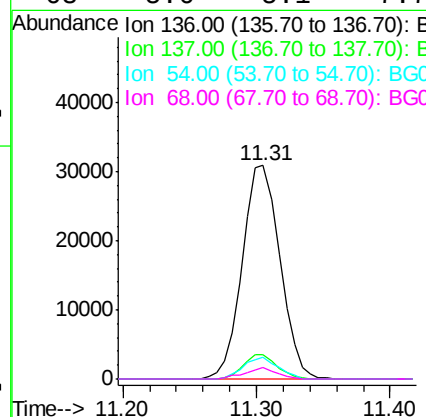
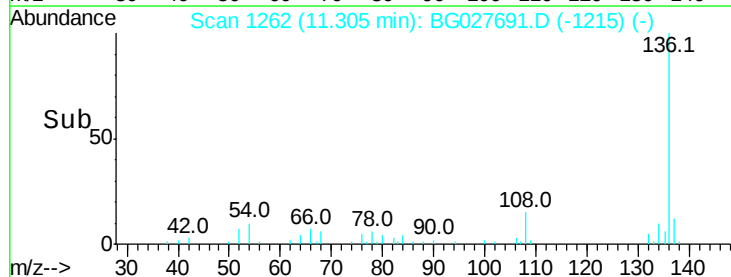
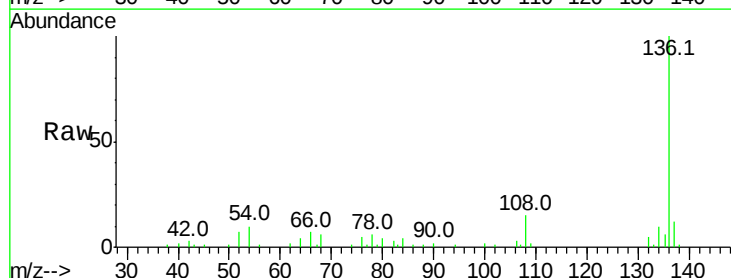
Ion Ratio Lower Upper

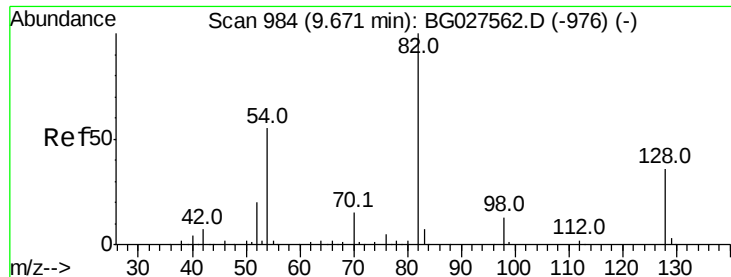
136 100

137 11.5 8.9 13.3

54 10.2 9.3 13.9

68 5.6 5.1 7.7

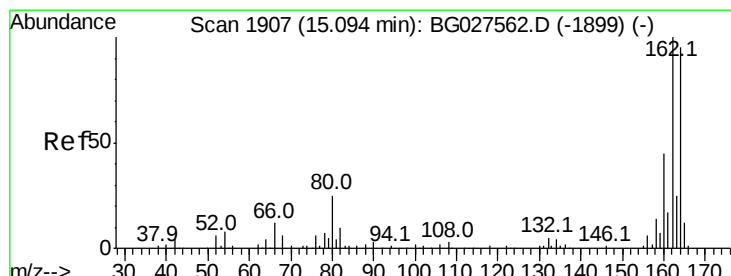
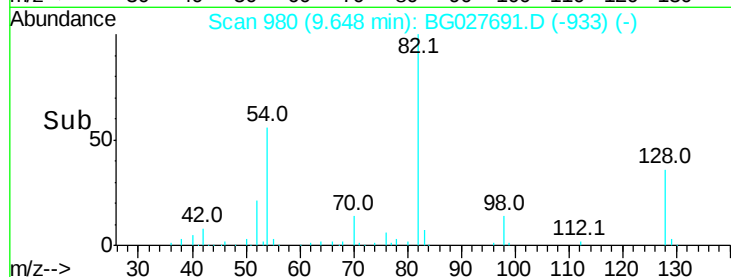
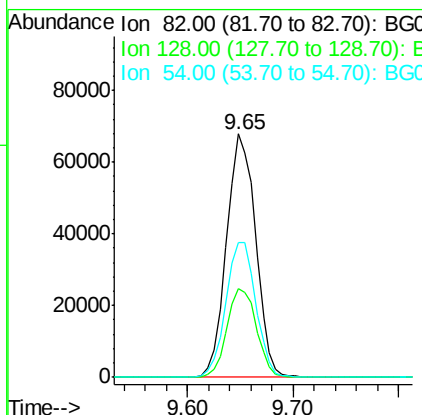
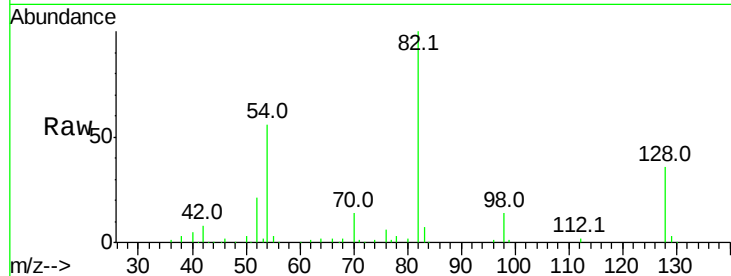




#23
 Nitrobenzene-d5
 Concen: 101.05 ng
 RT: 9.65 min Scan# 980
 Delta R.T. -0.02 min
 Lab File: BG027691.D
 Acq: 27 Jun 2017 1:43

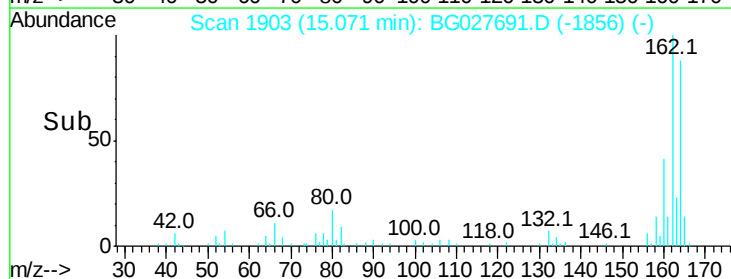
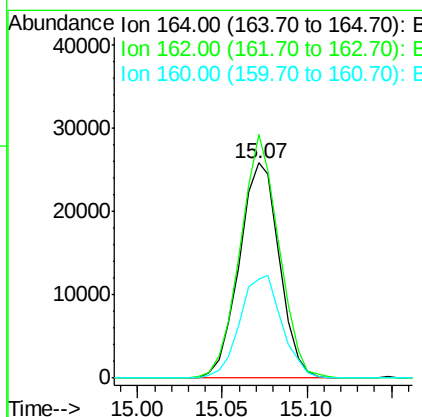
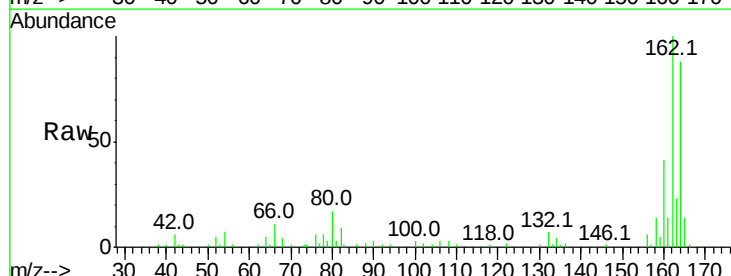
Instrument :
 BNA_G
 ClientSampleId :
 CAN-WC-S-2-11-50

Tot Ion: 82 Resp: 129188
 Ion Ratio Lower Upper
 82 100
 128 36.4 26.4 39.6
 54 55.5 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1903
 Delta R.T. -0.02 min
 Lab File: BG027691.D
 Acq: 27 Jun 2017 1:43

Tgt Ion: 164 Resp: 42643
 Ion Ratio Lower Upper
 164 100
 162 113.1 85.1 127.7
 160 46.0 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 220.37 ng

RT: 16.56 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BG027691.D

Acq: 27 Jun 2017 1:43

Instrument :

BNA_G

ClientSampleId :

CAN-WC-S-2-11-50

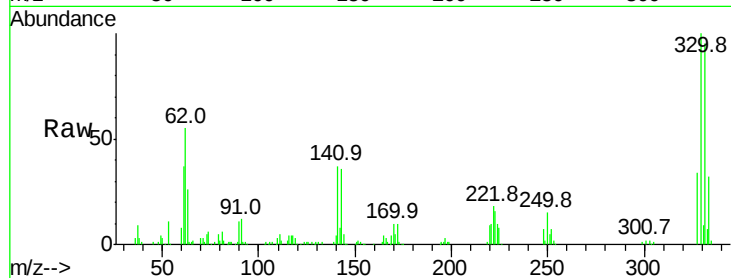
Tot Ion:330 Resp: 140099

Ion Ratio Lower Upper

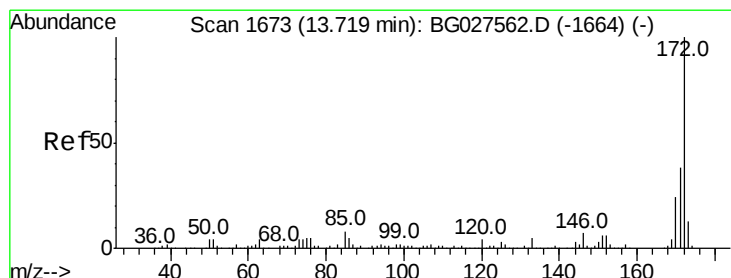
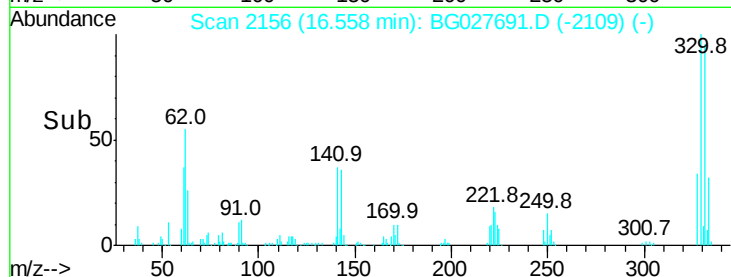
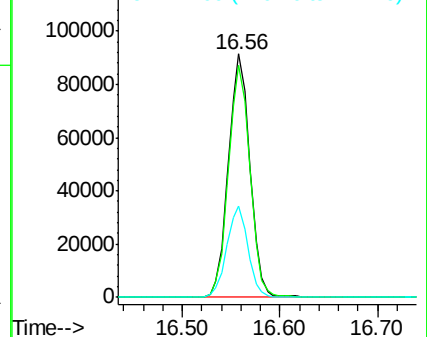
330 100

332 95.3 77.3 115.9

141 36.8 32.1 48.1



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: 101.60 ng

RT: 13.70 min Scan# 1669

Delta R.T. -0.02 min

Lab File: BG027691.D

Acq: 27 Jun 2017 1:43

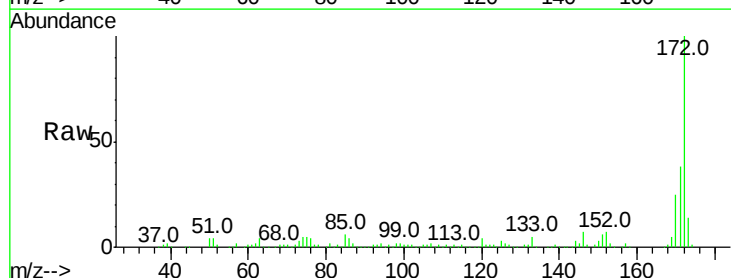
Tgt Ion:172 Resp: 317180

Ion Ratio Lower Upper

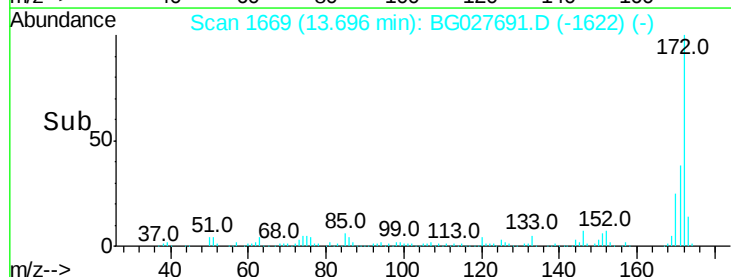
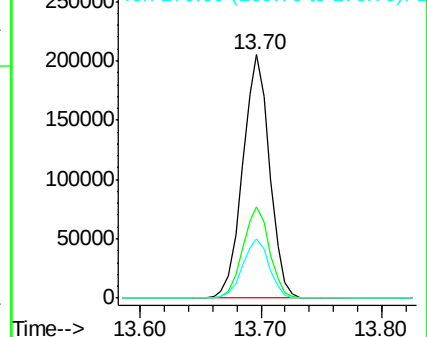
172 100

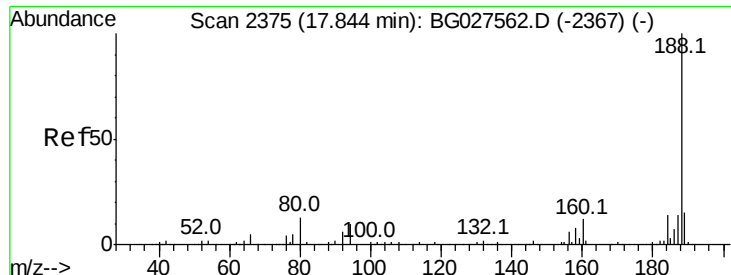
171 37.6 32.2 48.2

170 24.6 21.8 32.6



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

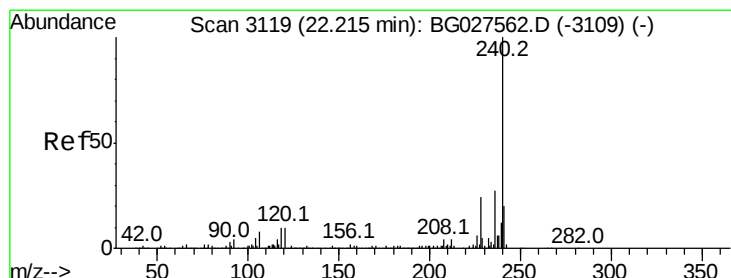
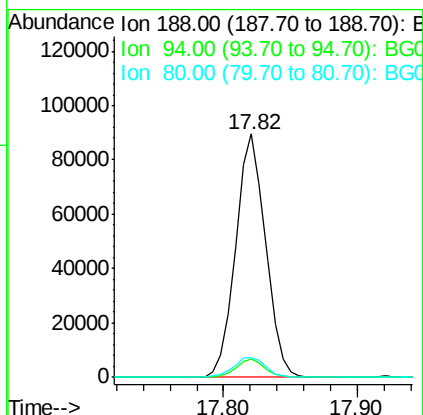
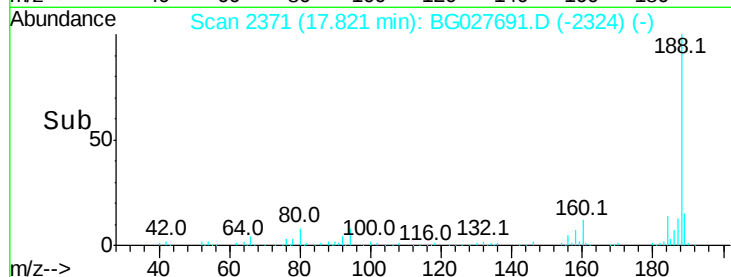
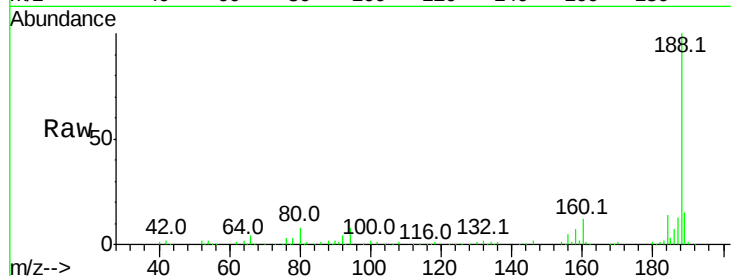




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BG027691.D
Acq: 27 Jun 2017 1:43

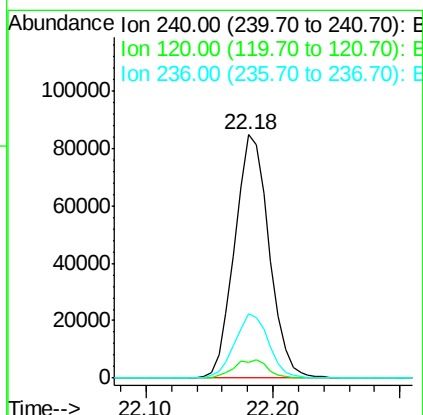
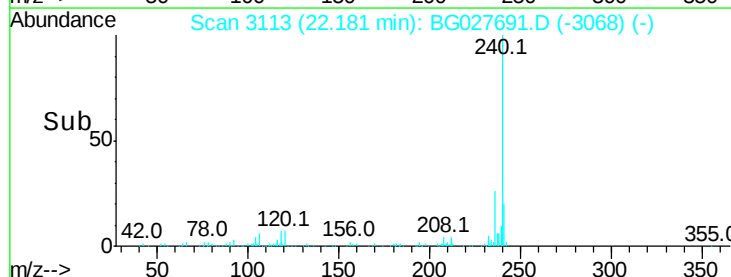
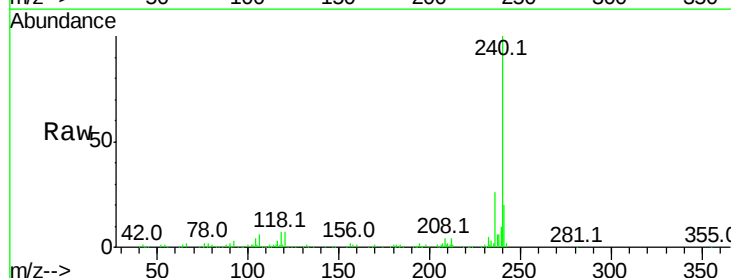
Instrument :
BNA_G
ClientSampleId :
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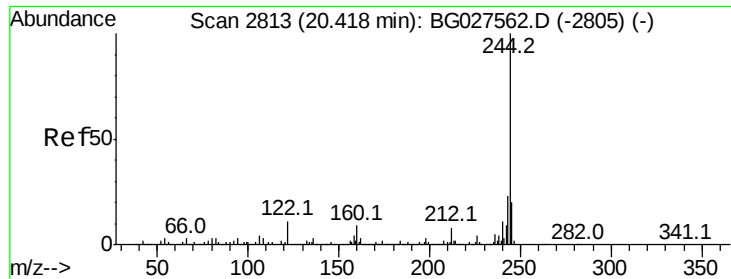
Tot Ion:188 Resp: 138647
Ion Ratio Lower Upper
188 100
94 7.6 5.8 8.8
80 7.9 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.18 min Scan# 3113
Delta R.T. -0.03 min
Lab File: BG027691.D
Acq: 27 Jun 2017 1:43

Tgt Ion:240 Resp: 159694
Ion Ratio Lower Upper
240 100
120 6.7 5.7 8.5
236 26.2 22.2 33.4

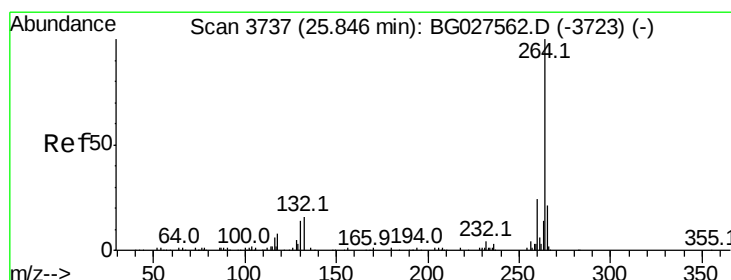
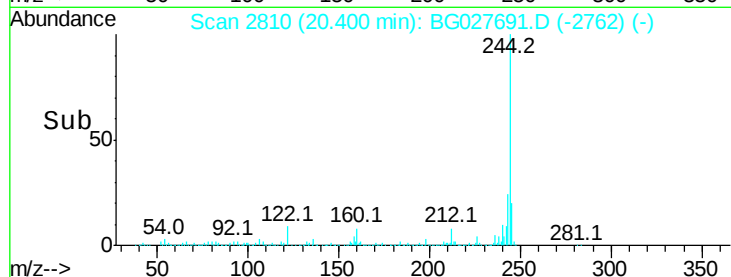
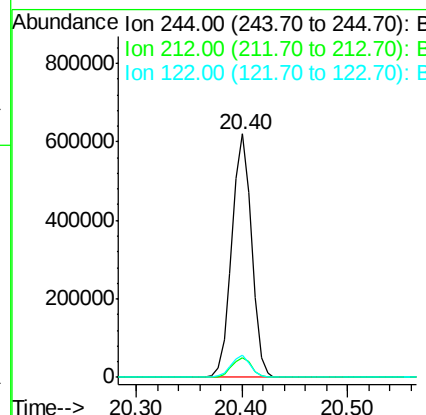
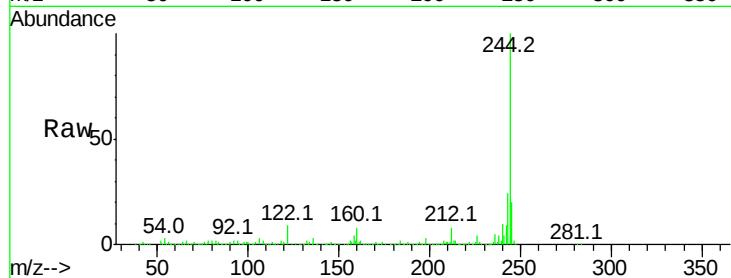




#78
 Terphenyl-d14
 Concen: 117.69 ng
 RT: 20.40 min Scan# 2810
 Delta R.T. -0.02 min
 Lab File: BG027691.D
 Acq: 27 Jun 2017 1:43

Instrument :
 BNA_G
 ClientSampleId :
 CAN-WC-S-2-11-50

Tot Ion:244 Resp: 797684
 Ion Ratio Lower Upper
 244 100
 212 7.9 10.0 15.0#
 122 8.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.80 min Scan# 3729
 Delta R.T. -0.05 min
 Lab File: BG027691.D
 Acq: 27 Jun 2017 1:43

Tgt Ion:264 Resp: 154422
 Ion Ratio Lower Upper
 264 100
 260 23.2 21.8 32.8
 265 21.7 18.2 27.4

