

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
 Data File : BG028991.D
 Acq On : 30 Sep 2017 22:44
 Operator : SJ/JU
 Sample : I5509-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENERATOR-COMP

Quant Time: Oct 01 02:43:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 01 02:30:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	31081	20.00	ng	0.00
21) Naphthalene-d8	11.07	136	124723	20.00	ng	0.00
38) Acenaphthene-d10	14.87	164	93789	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	269953	20.00	ng	0.00
75) Chrysene-d12	21.94	240	324652	20.00	ng	-0.01
86) Perylene-d12	25.37	264	336101	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	299457	158.98	ng	0.00
7) Phenol-d6	7.41	99	373201	131.59	ng	0.00
23) Nitrobenzene-d5	9.43	82	267335	102.54	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	268399	173.03	ng	0.00
44) 2-Fluorobiphenyl	13.49	172	690572	98.18	ng	0.00
78) Terphenyl-d14	20.22	244	1450587	95.29	ng	0.00

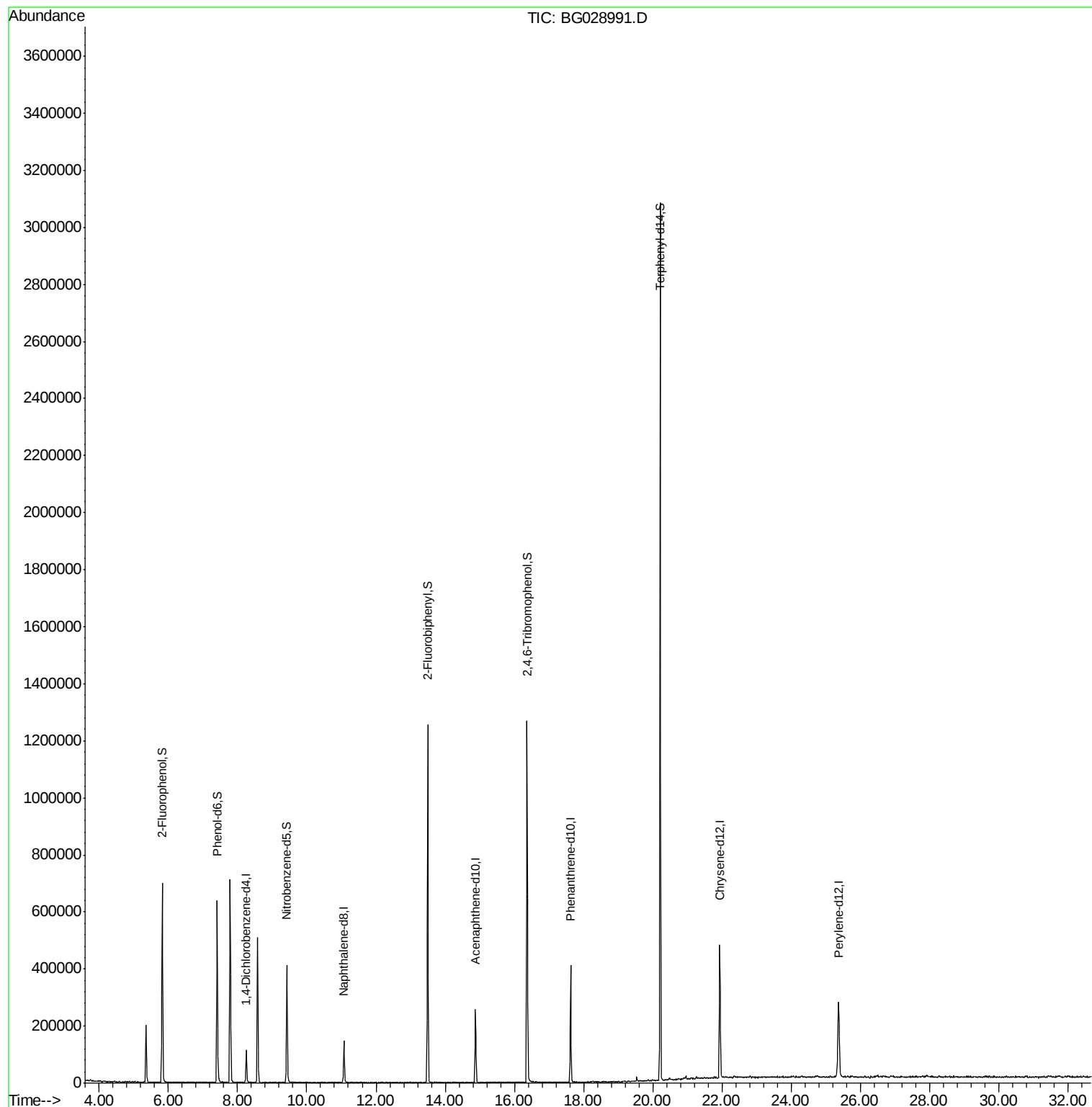
Target Compounds Qvalue

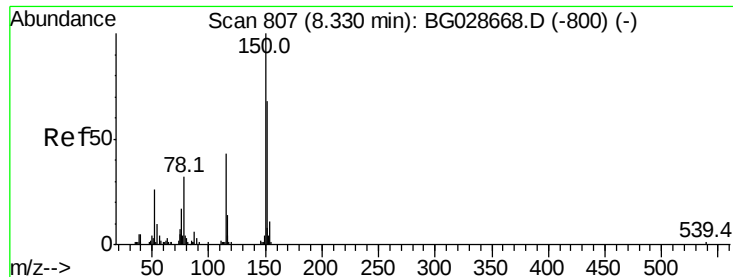
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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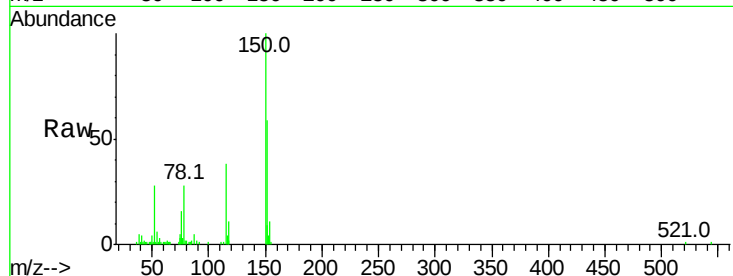


#1

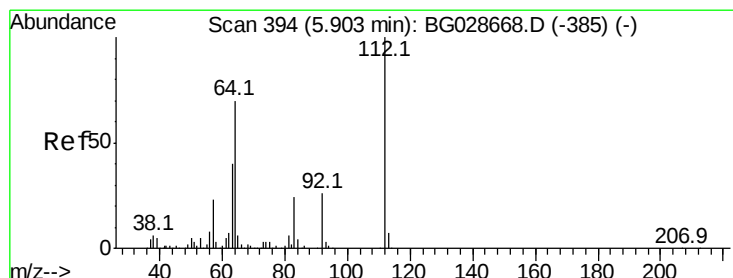
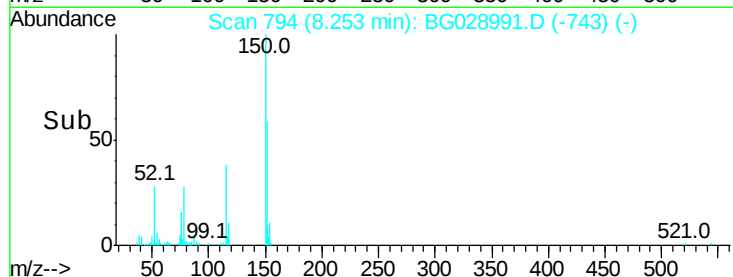
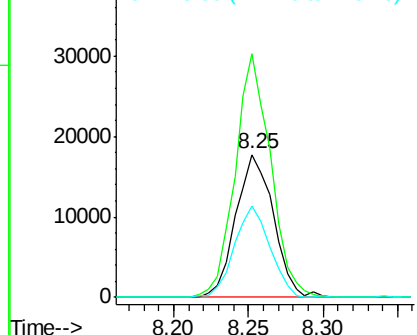
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.25 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG028991.D
Acq: 30 Sep 2017 22:44

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENERATOR-COMP

Tot Ion:152 Resp: 31081
Ion Ratio Lower Upper
152 100
150 170.3 114.0 171.0
115 64.2 48.1 72.1



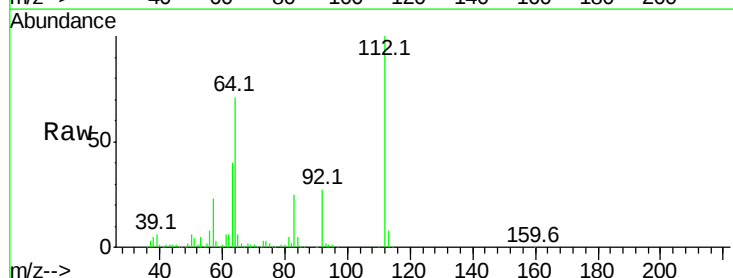
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



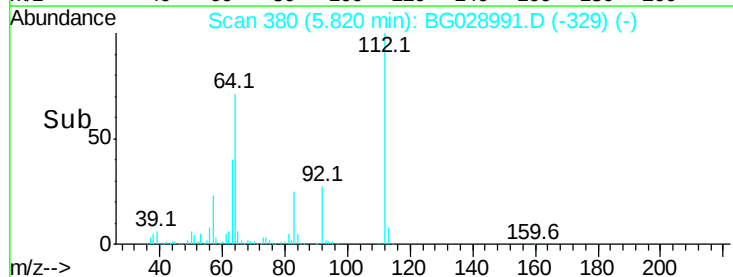
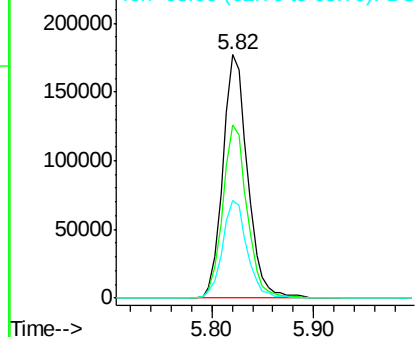
#5

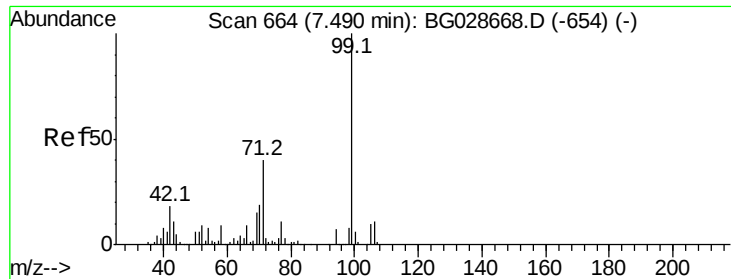
2-Fluorophenol
Concen: 158.978 ng
RT: 5.82 min Scan# 380
Delta R.T. -0.00 min
Lab File: BG028991.D
Acq: 30 Sep 2017 22:44

Tgt Ion:112 Resp: 299457
Ion Ratio Lower Upper
112 100
64 71.3 61.8 92.6
63 39.9 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: 131.592 ng

RT: 7.41 min Scan# 651

Delta R.T. -0.00 min

Lab File: BG028991.D

Acq: 30 Sep 2017 22:44

Instrument :

BNA_G

ClientSampleId :

LEONIA-GENERATOR-COMP

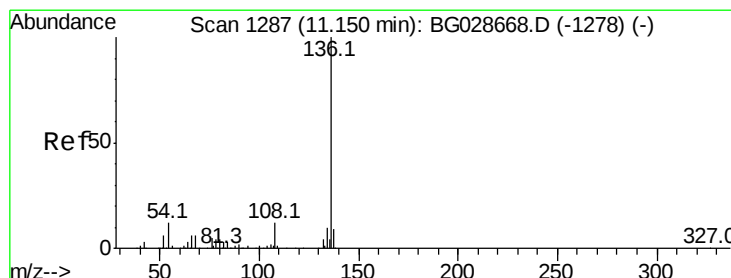
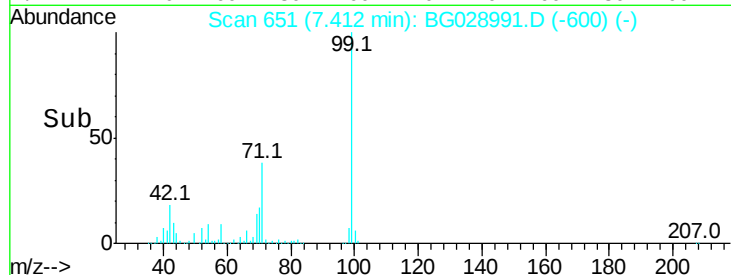
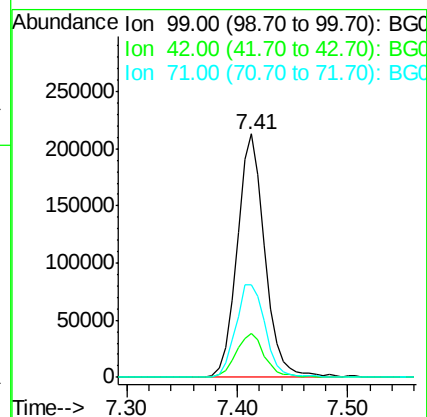
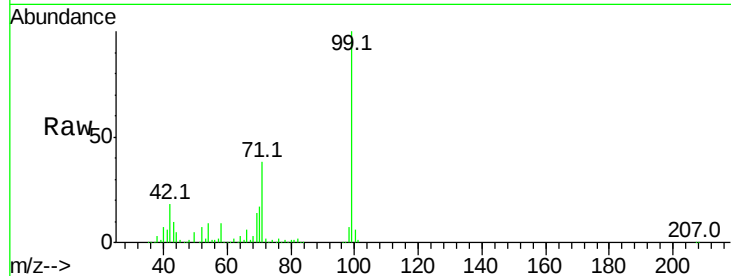
Tot Ion: 99 Resp: 373201

Ion Ratio Lower Upper

99 100

42 18.2 20.5 30.7#

71 38.0 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.07 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BG028991.D

Acq: 30 Sep 2017 22:44

Tgt Ion: 136 Resp: 124723

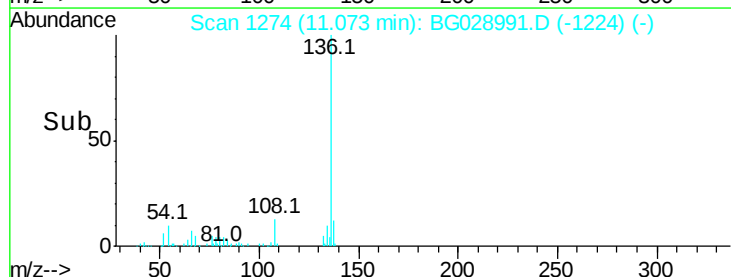
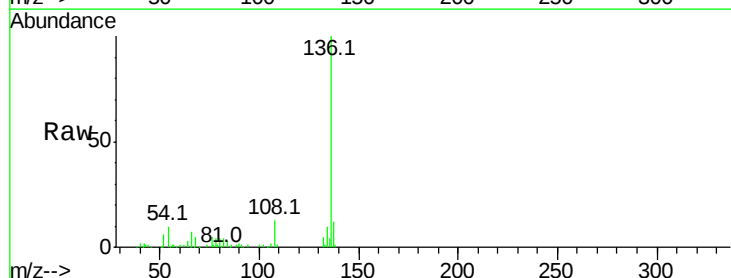
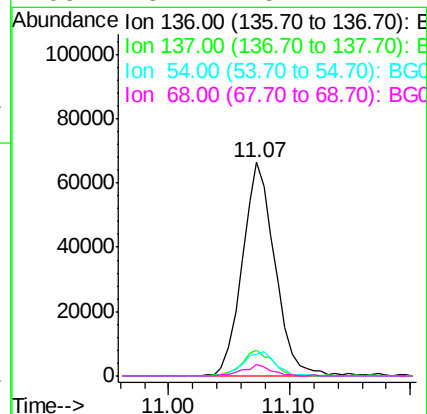
Ion Ratio Lower Upper

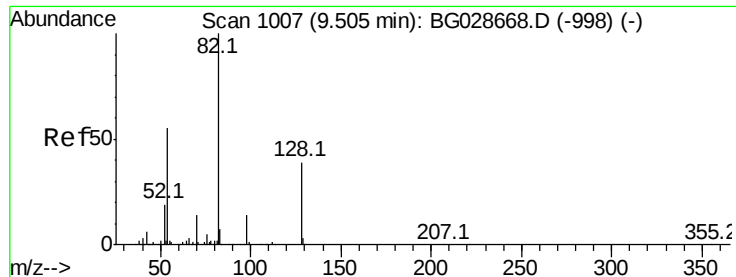
136 100

137 11.8 8.9 13.3

54 10.3 9.3 13.9

68 5.4 5.1 7.7

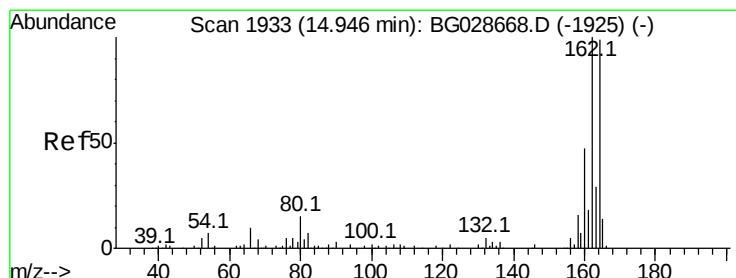
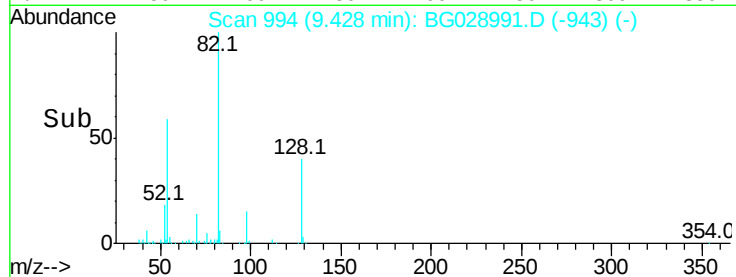
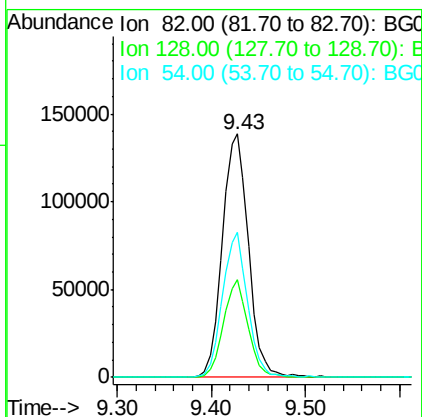
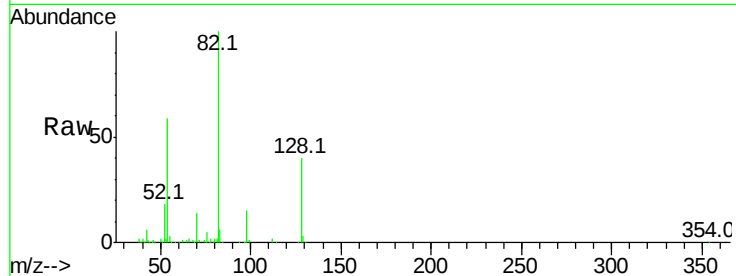




#23
Nitrobenzene-d5
Concen: 102.536 ng
RT: 9.43 min Scan# 994
Delta R.T. -0.00 min
Lab File: BG028991.D
Acq: 30 Sep 2017 22:44

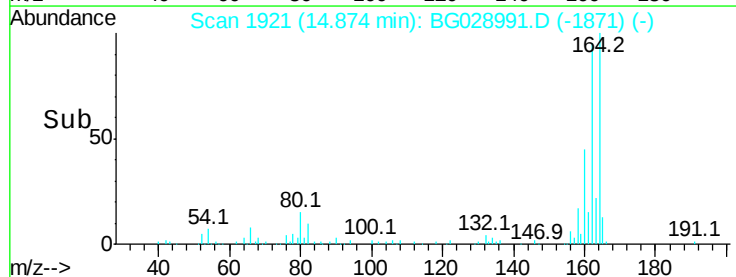
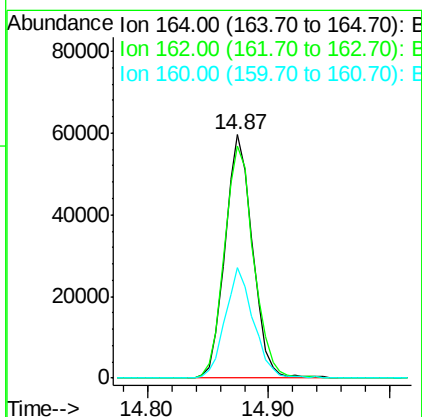
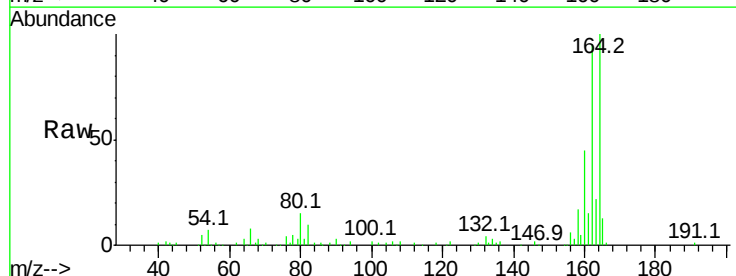
Instrument :
BNA_G
ClientSampleId :
LEONIA-GENERATOR-COMP

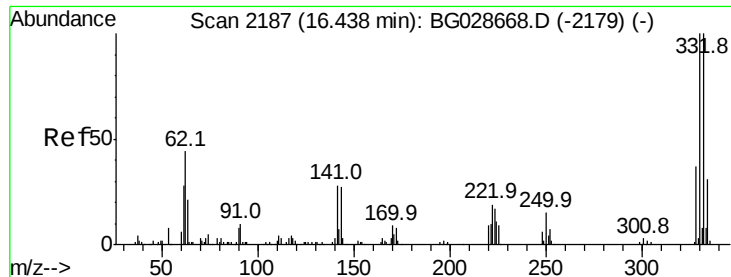
Tot Ion: 82 Resp: 267335
Ion Ratio Lower Upper
82 100
128 40.2 26.4 39.6#
54 59.4 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.87 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG028991.D
Acq: 30 Sep 2017 22:44

Tgt Ion: 164 Resp: 93789
Ion Ratio Lower Upper
164 100
162 95.4 85.1 127.7
160 45.1 34.7 52.1

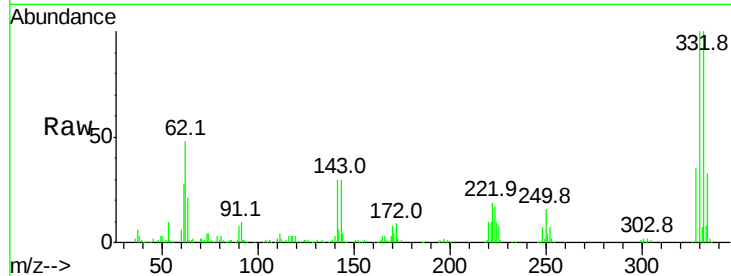




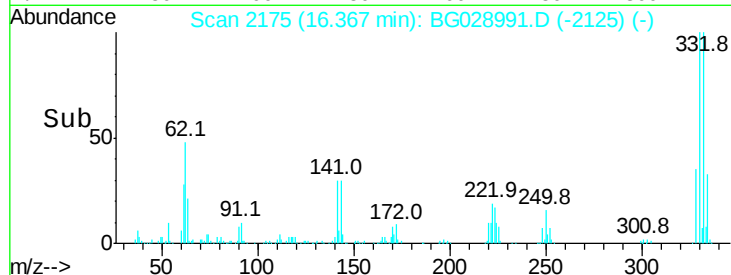
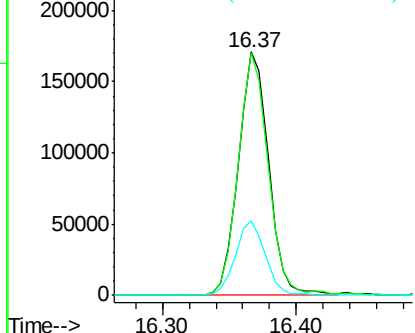
#41
 2,4,6-Tribromophenol
 Concen: 173.025 ng
 RT: 16.37 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG028991.D
 Acq: 30 Sep 2017 22:44

Instrument :
 BNA_G
 ClientSampleId :
 LEONIA-GENERATOR-COMP

Tot Ion:330 Resp: 268399
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.3 115.9
 141 30.3 32.1 48.1#

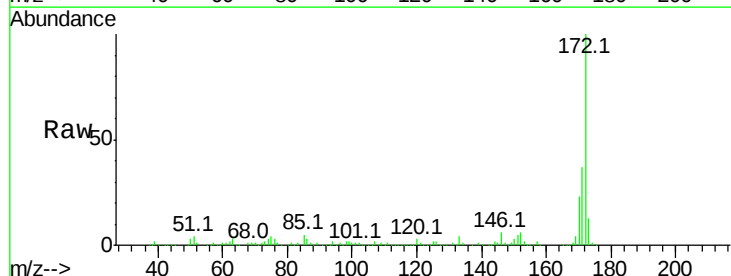


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

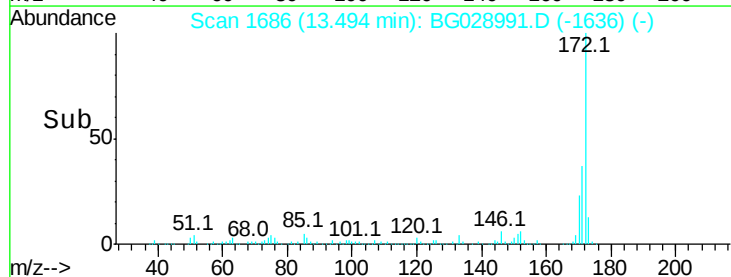
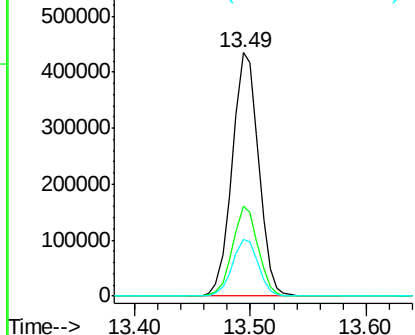


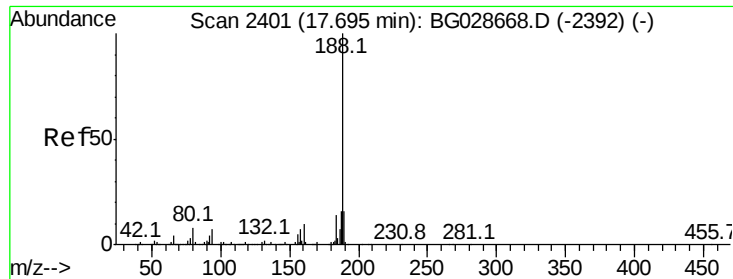
#44
 2-Fluorobiphenyl
 Concen: 98.180 ng
 RT: 13.49 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG028991.D
 Acq: 30 Sep 2017 22:44

Tgt Ion:172 Resp: 690572
 Ion Ratio Lower Upper
 172 100
 171 36.7 32.2 48.2
 170 23.4 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: 20.000 ng

RT: 17.62 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BG028991.D

Acq: 30 Sep 2017 22:44

Instrument :

BNA_G

ClientSampleId :

LEONIA-GENERATOR-COMP

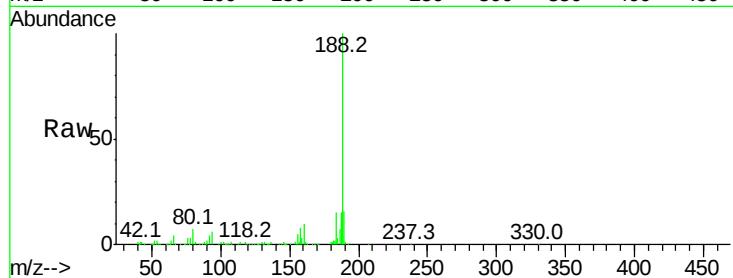
Tot Ion:188 Resp: 269953

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

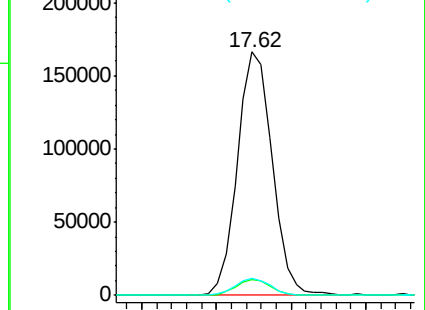
80 7.2 7.5 11.3#



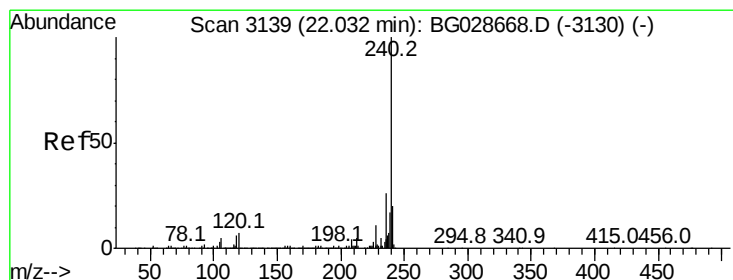
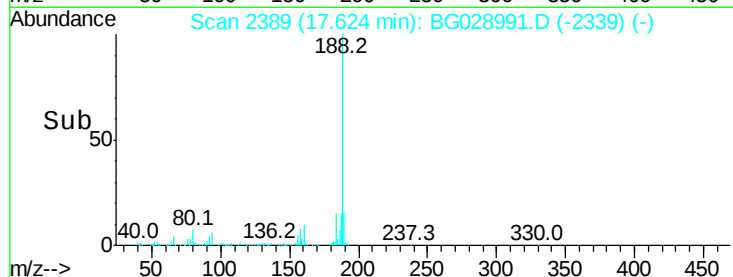
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.94 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BG028991.D

Acq: 30 Sep 2017 22:44

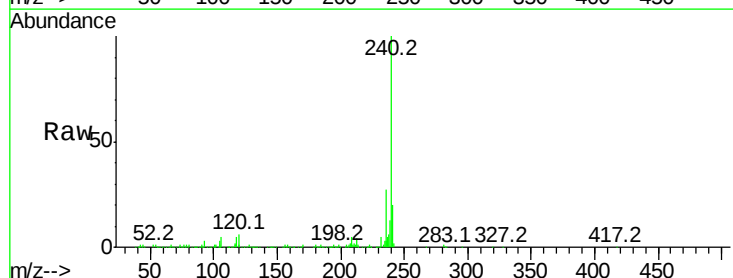
Tgt Ion:240 Resp: 324652

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5#

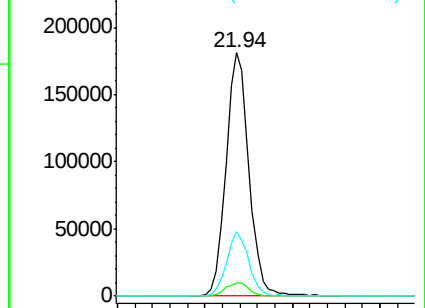
236 26.6 22.2 33.4



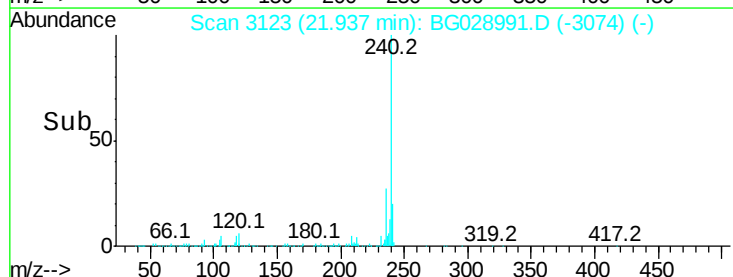
Abundance Ion 240.00 (239.70 to 240.70): E

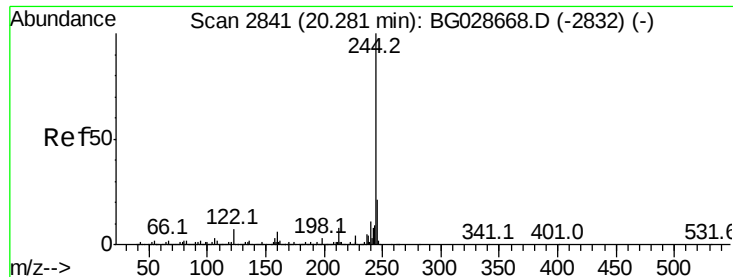
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 95.286 ng

RT: 20.22 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG028991.D

Acq: 30 Sep 2017 22:44

Instrument :

BNA_G

ClientSampleId :

LEONIA-GENERATOR-COMP

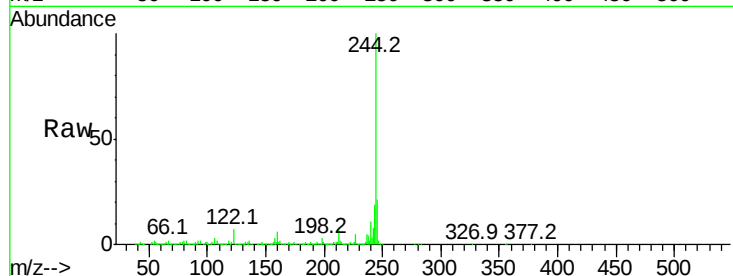
Tot Ion:244 Resp: 1450587

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

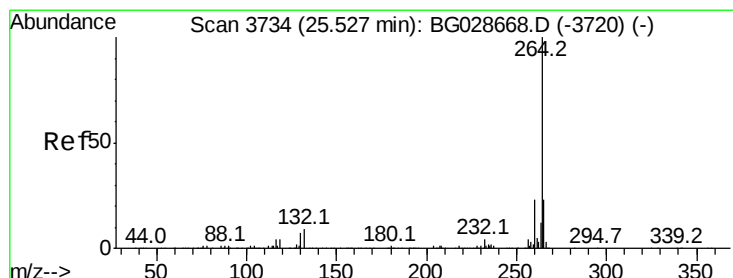
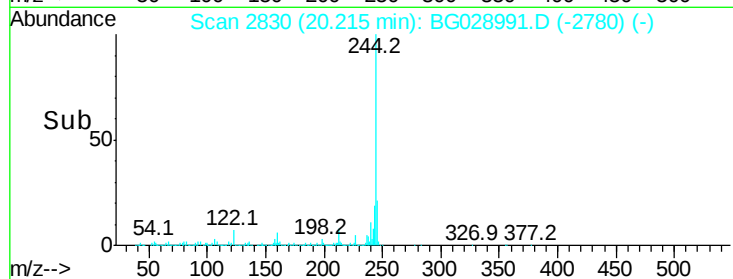
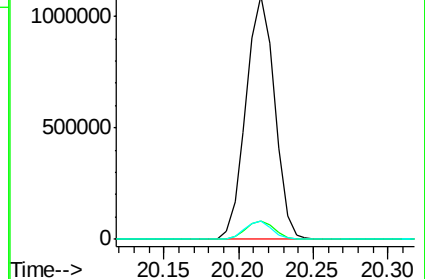
122 7.4 8.6 12.8#



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: 25.37 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG028991.D

Acq: 30 Sep 2017 22:44

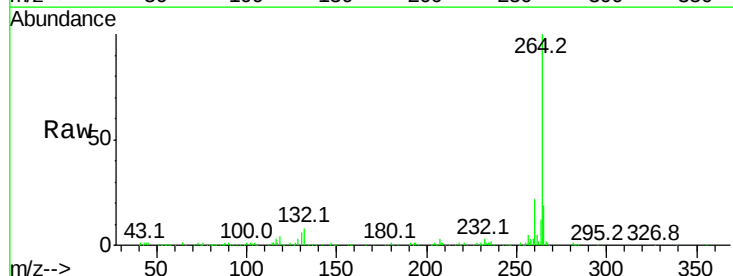
Tgt Ion:264 Resp: 336101

Ion Ratio Lower Upper

264 100

260 21.7 21.8 32.8#

265 19.2 18.2 27.4



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

