

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028759.D
 Acq On : 15 Sep 2017 8:37
 Operator : SJ/JU
 Sample : I5223-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 15 11:31:47 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	30816	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	121254	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	90627	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	254217	20.00	ng	0.00
75) Chrysene-d12	22.02	240	282602	20.00	ng	-0.01
86) Perylene-d12	25.51	264	293956	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	101622	54.41	ng	0.00
7) Phenol-d6	7.48	99	117333	41.73	ng	0.00
23) Nitrobenzene-d5	9.50	82	198678	78.38	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	128915	86.01	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	532140	78.30	ng	0.00
78) Terphenyl-d14	20.27	244	1045015	78.86	ng	0.00

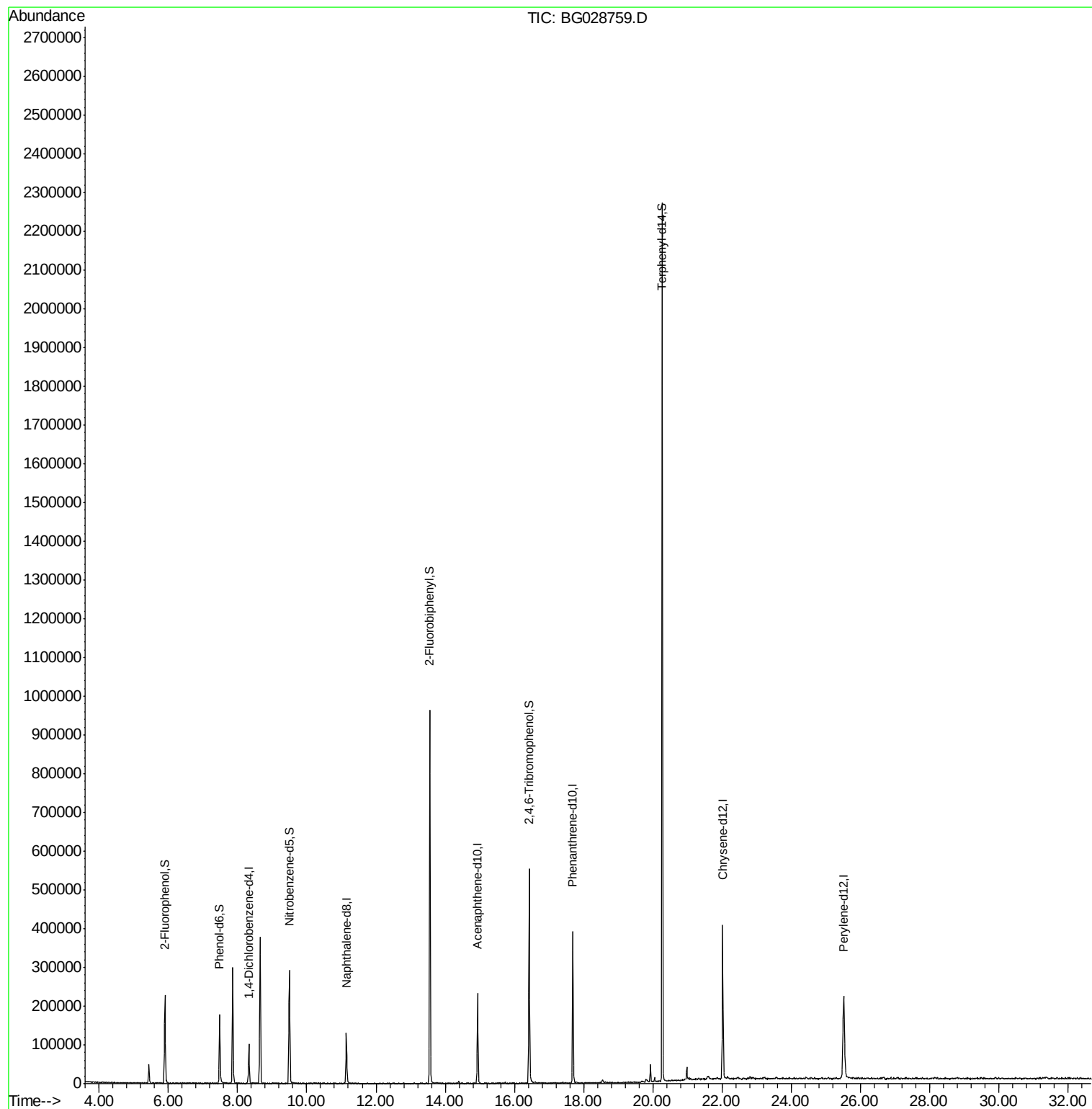
Target Compounds Qvalue

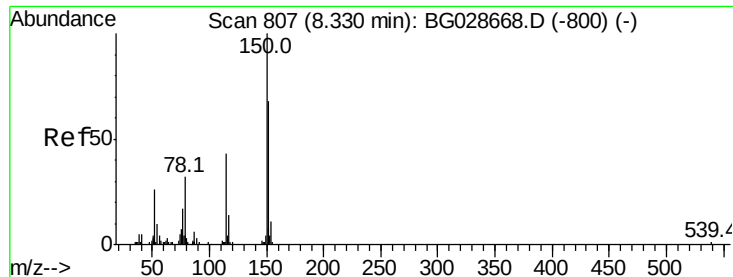
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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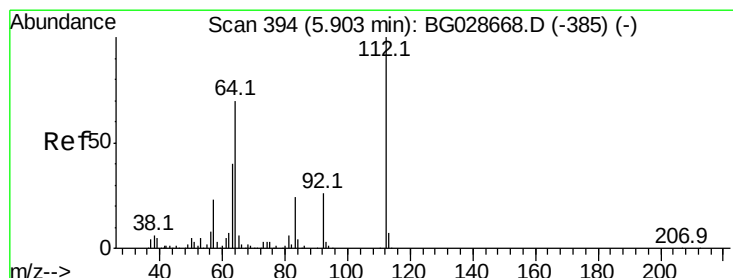
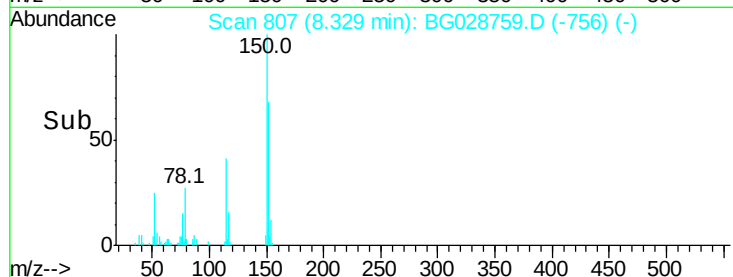
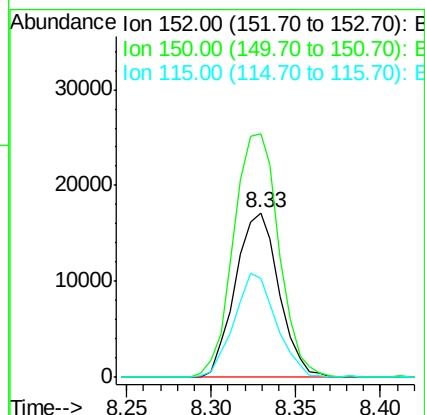
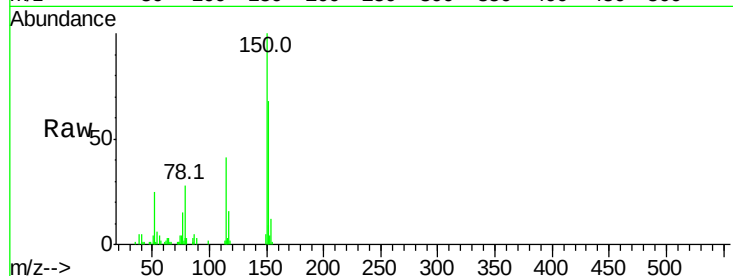


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028759.D
Acq: 15 Sep 2017 8:37

Instrument :
BNA_G
ClientSampleId :

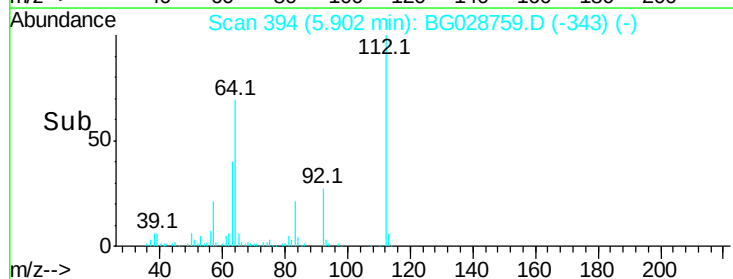
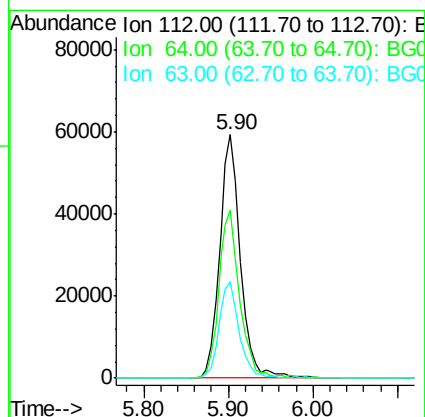
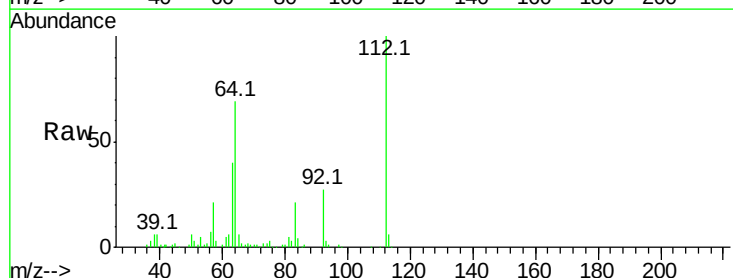
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.1	114.0	171.0
115	60.4	48.1	72.1

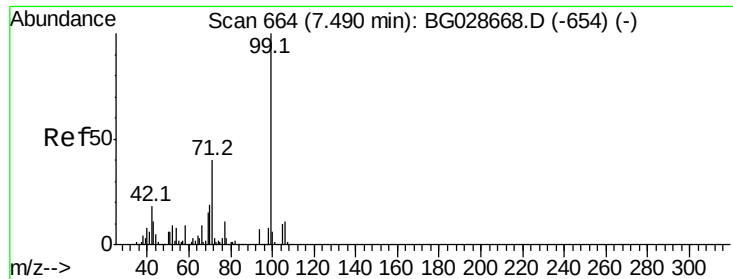


#5

2-Fluorophenol
Concen: 54.414 ng
RT: 5.90 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG028759.D
Acq: 15 Sep 2017 8:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	61.8	92.6
63	39.7	37.2	55.8





#7

Phenol-d6

Concen: 41.728 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028759.D

Acq: 15 Sep 2017 8:37

Instrument :

BNA_G

ClientSampleId :

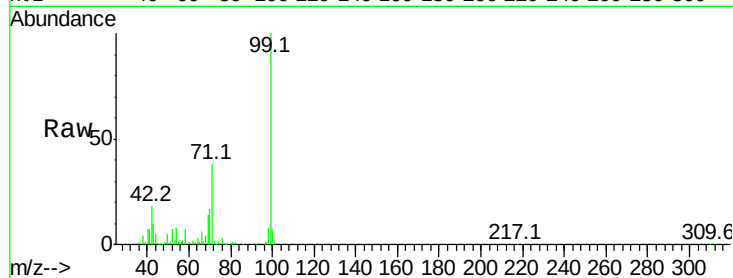
Tot Ion: 99 Resp: 117333

Ion Ratio Lower Upper

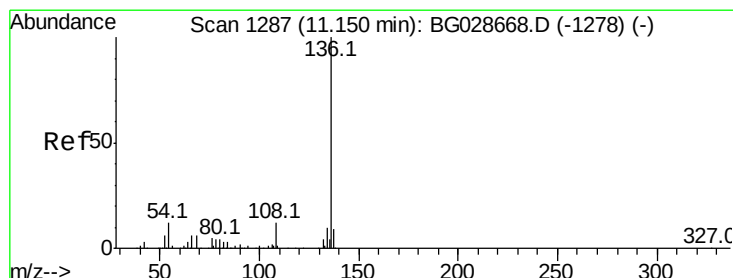
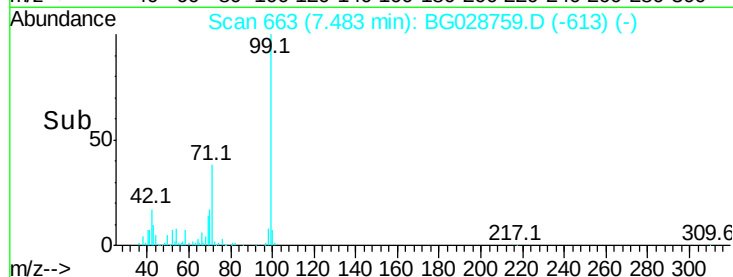
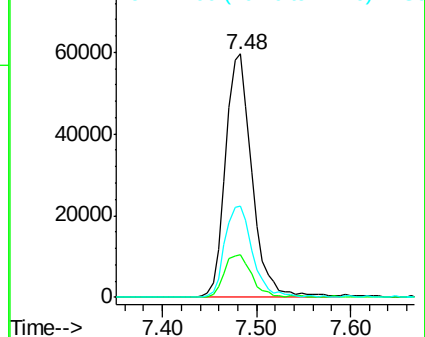
99 100

42 17.6 20.5 30.7#

71 37.6 37.6 56.4#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.14 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG028759.D

Acq: 15 Sep 2017 8:37

Tgt Ion: 136 Resp: 121254

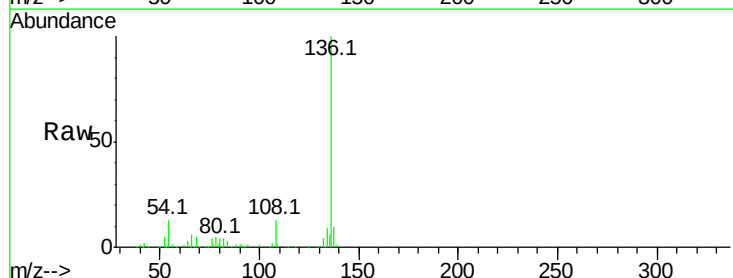
Ion Ratio Lower Upper

136 100

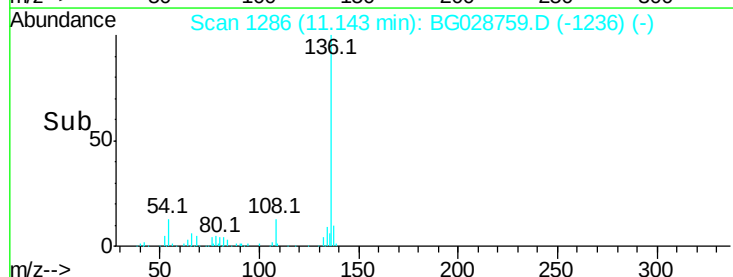
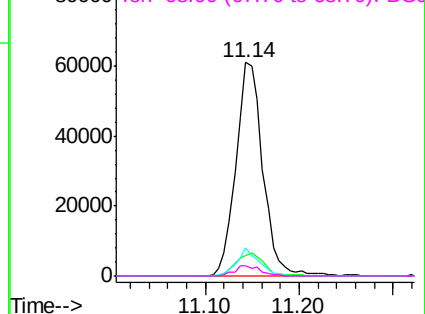
137 9.8 8.9 13.3

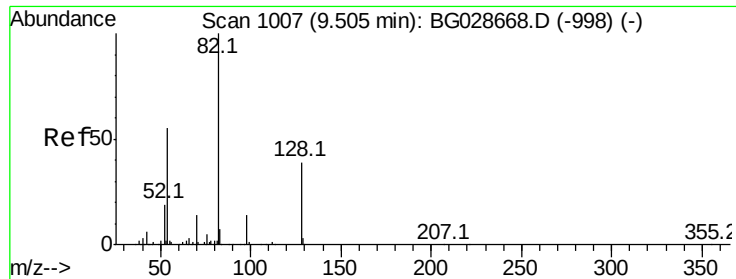
54 13.1 9.3 13.9

68 4.5 5.1 7.7#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 78.383 ng

RT: 9.50 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG028759.D

Acq: 15 Sep 2017 8:37

Instrument :

BNA_G

ClientSampleId :

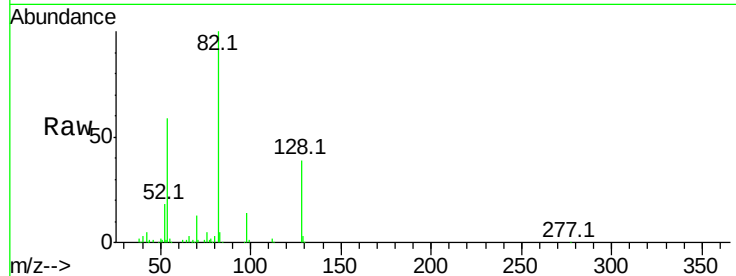
Tot Ion: 82 Resp: 198678

Ion Ratio Lower Upper

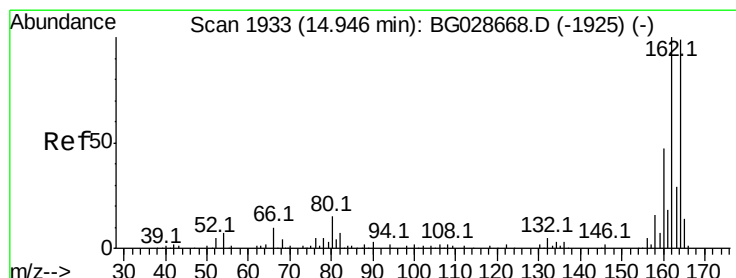
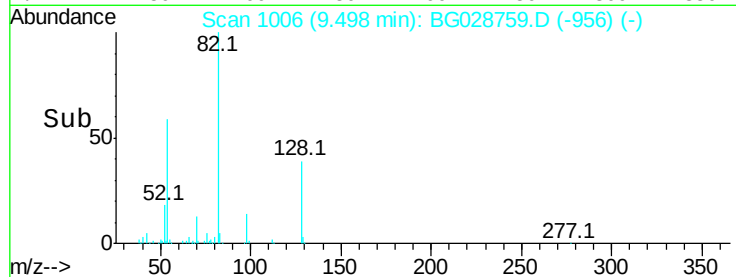
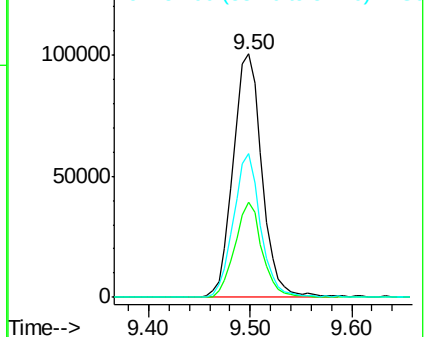
82 100

128 39.2 26.4 39.6

54 58.9 49.4 74.2



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: 14.94 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG028759.D

Acq: 15 Sep 2017 8:37

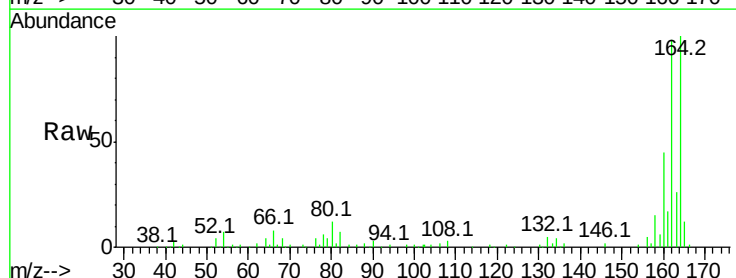
Tgt Ion: 164 Resp: 90627

Ion Ratio Lower Upper

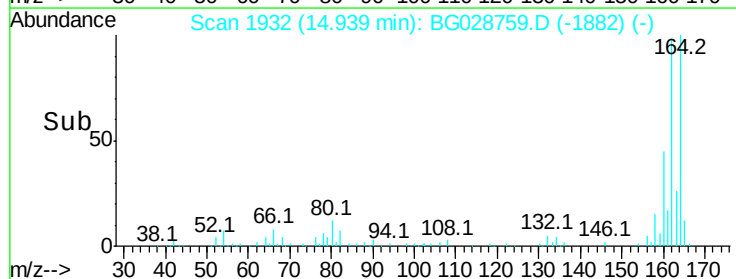
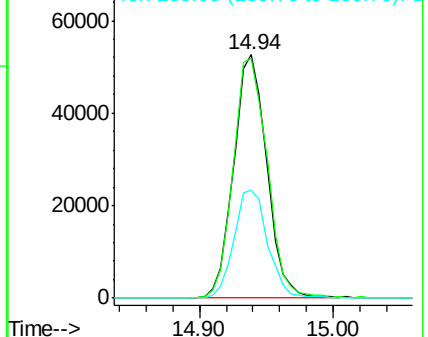
164 100

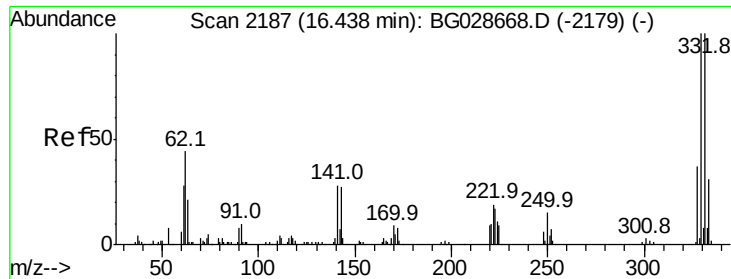
162 98.2 85.1 127.7

160 44.6 34.7 52.1



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: 86.006 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028759.D

Acq: 15 Sep 2017 8:37

Instrument :

BNA_G

ClientSampled :

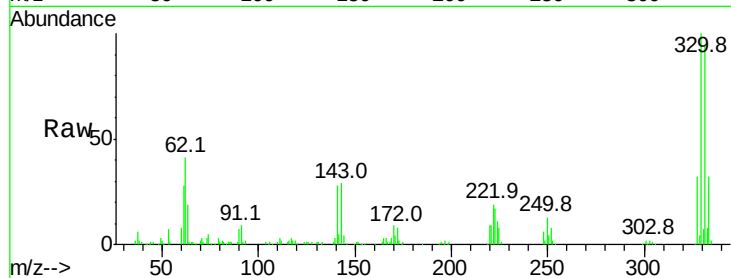
Tot Ion:330 Resp: 128915

Ion Ratio Lower Upper

330 100

332 94.3 77.3 115.9

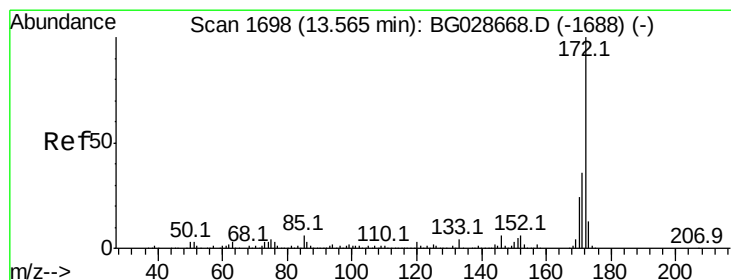
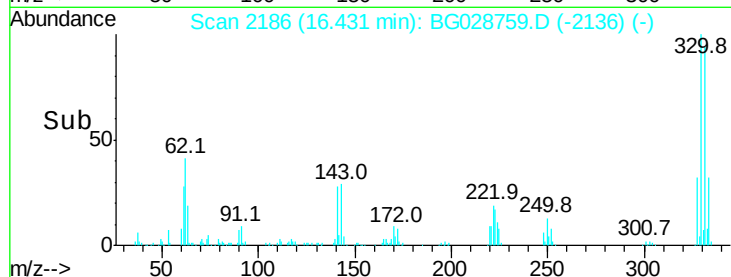
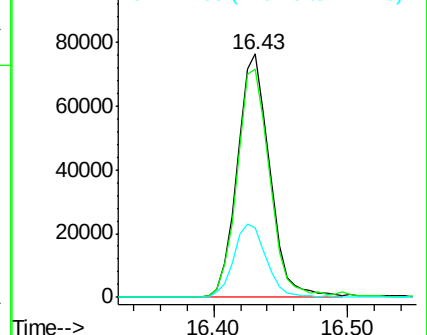
141 30.7 32.1 48.1#



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: 78.295 ng

RT: 13.56 min Scan# 1697

Delta R.T. -0.01 min

Lab File: BG028759.D

Acq: 15 Sep 2017 8:37

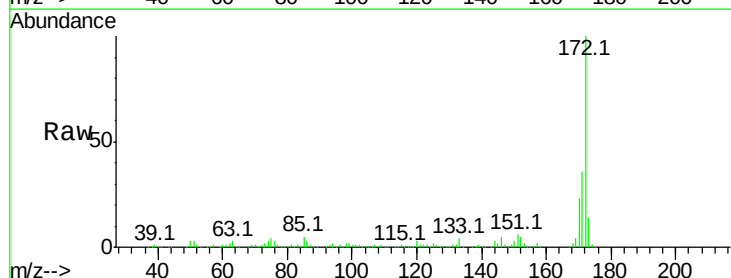
Tgt Ion:172 Resp: 532140

Ion Ratio Lower Upper

172 100

171 36.4 32.2 48.2

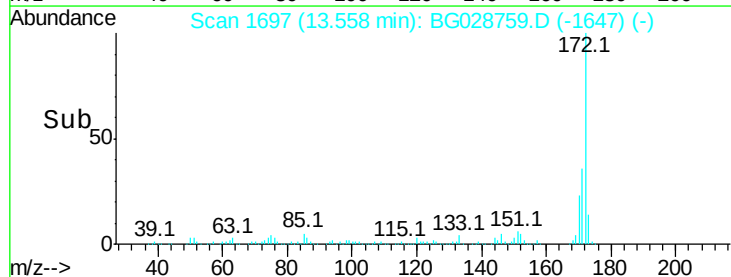
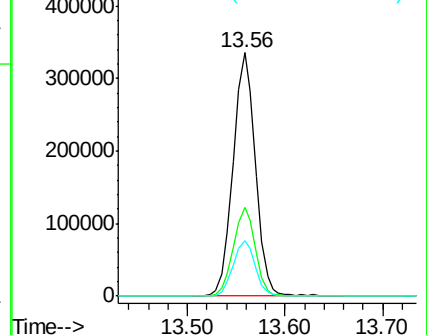
170 22.5 21.8 32.6

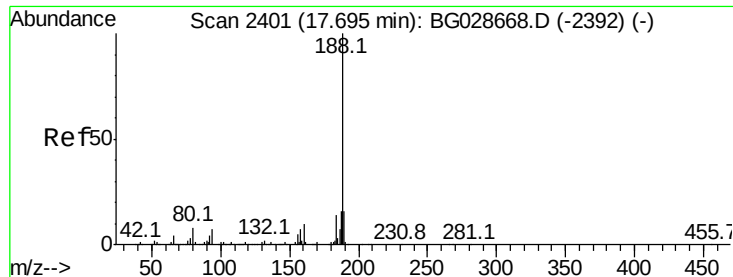


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.69 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG028759.D

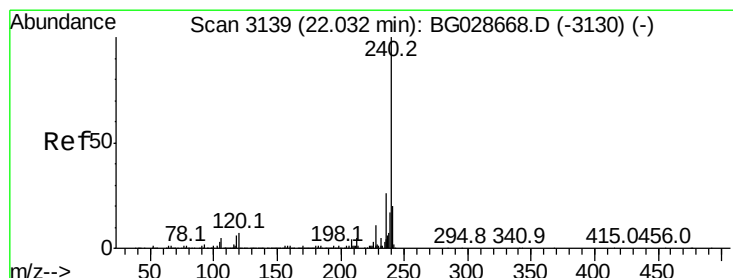
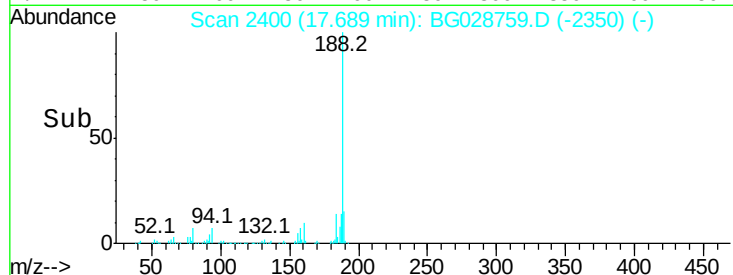
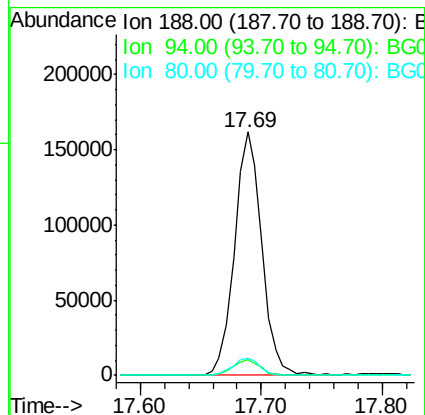
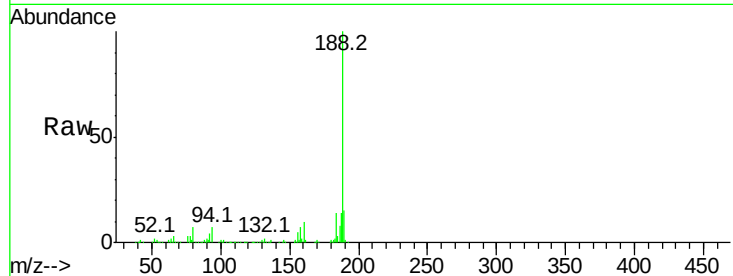
Acq: 15 Sep 2017 8:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.8	8.8
80	7.1	7.5	11.3



#75

Chrysene-d12

Concen: 20.000 ng

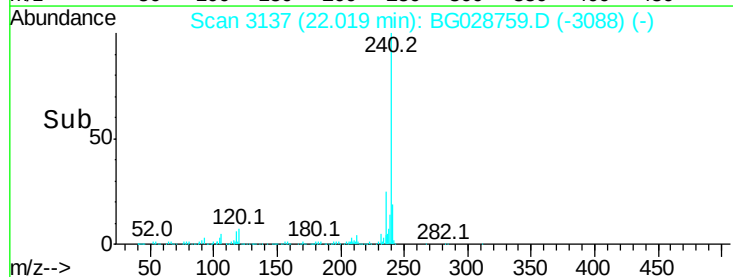
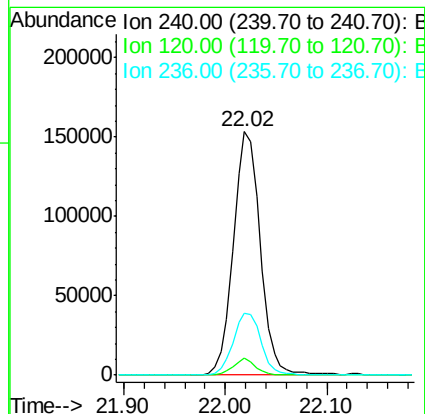
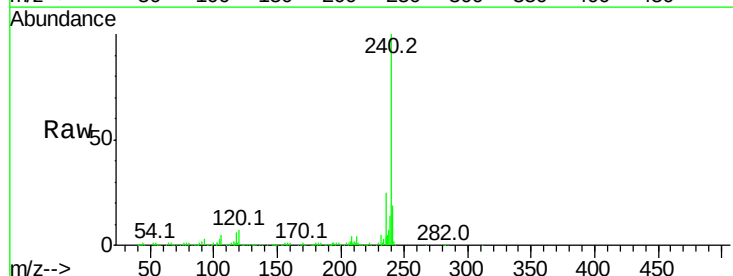
RT: 22.02 min Scan# 3137

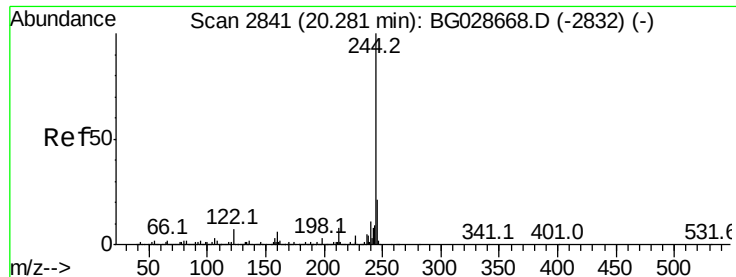
Delta R.T. -0.01 min

Lab File: BG028759.D

Acq: 15 Sep 2017 8:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.7	8.5
236	25.2	22.2	33.4





#78

Terphenyl-d14

Concen: 78.859 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028759.D

Acq: 15 Sep 2017 8:37

Instrument :

BNA_G

ClientSampleId :

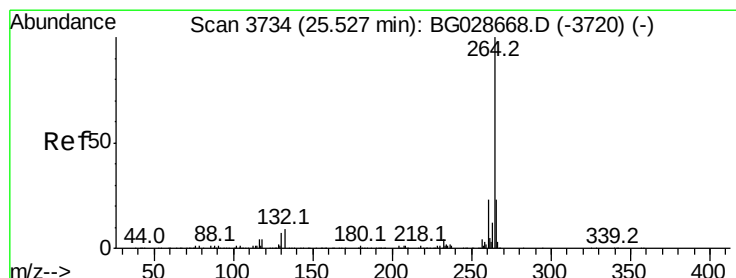
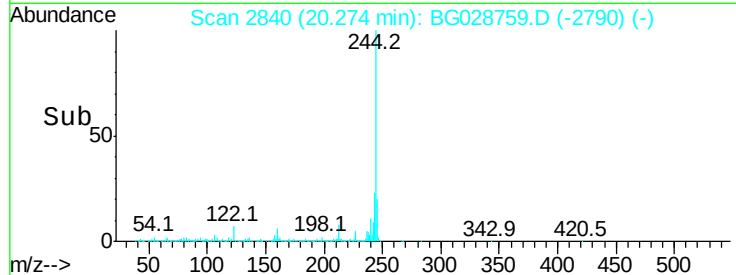
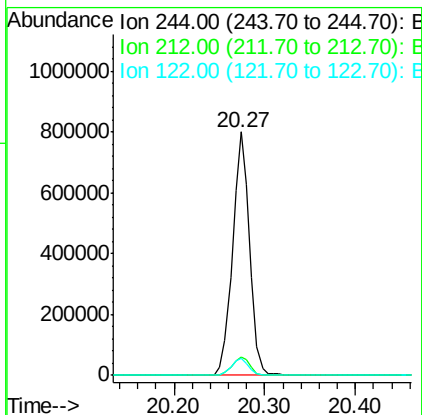
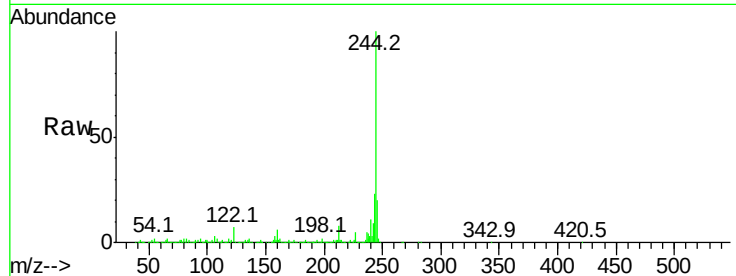
Tot Ion:244 Resp: 1045015

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

122 6.8 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.51 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG028759.D

Acq: 15 Sep 2017 8:37

Tgt Ion:264 Resp: 293956

Ion Ratio Lower Upper

264 100

260 21.1 21.8 32.8#

265 19.2 18.2 27.4

