

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
 Data File : BG028989.D
 Acq On : 30 Sep 2017 21:24
 Operator : SJ/JU
 Sample : I5478-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1612

Quant Time: Oct 01 02:41:10 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	42975	20.00	ng	0.00
21) Naphthalene-d8	11.07	136	165114	20.00	ng	0.00
38) Acenaphthene-d10	14.87	164	113926	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	292784	20.00	ng	0.00
75) Chrysene-d12	21.94	240	341301	20.00	ng	-0.01
86) Perylene-d12	25.37	264	347819	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.83	112	343632	131.94	ng	0.00
7) Phenol-d6	7.41	99	395452	100.85	ng	0.00
23) Nitrobenzene-d5	9.43	82	318349	92.23	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	274426	145.64	ng	0.00
44) 2-Fluorobiphenyl	13.49	172	772047	90.36	ng	0.00
78) Terphenyl-d14	20.22	244	1446221	90.36	ng	0.00

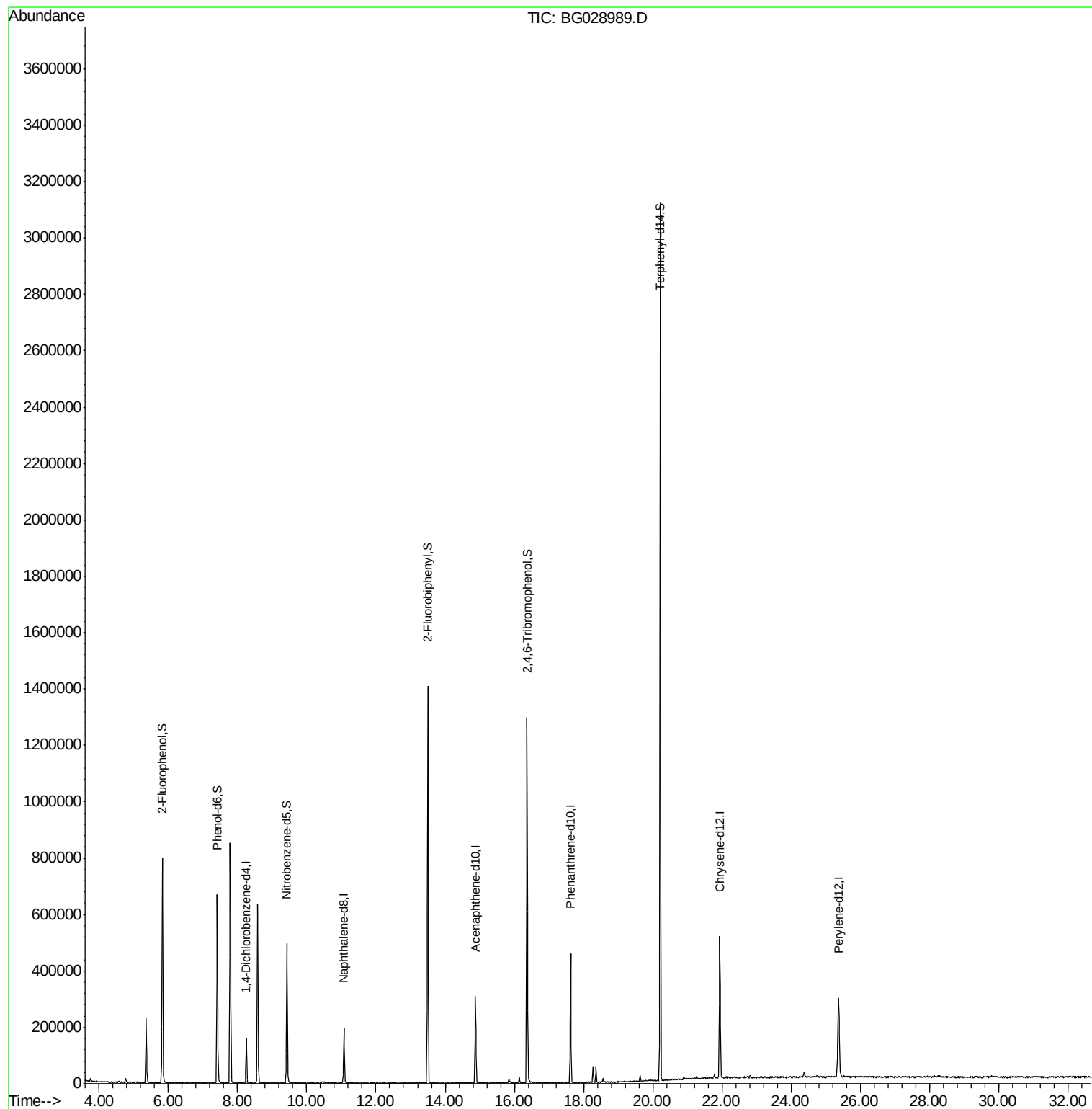
Target Compounds Qvalue

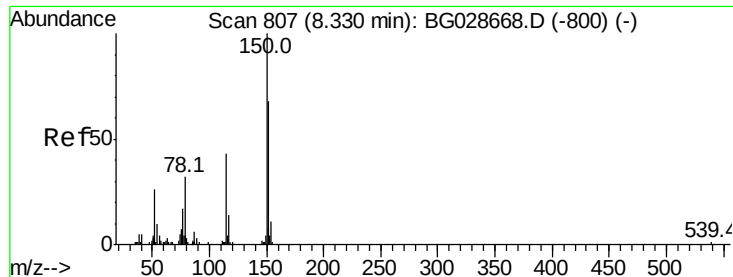
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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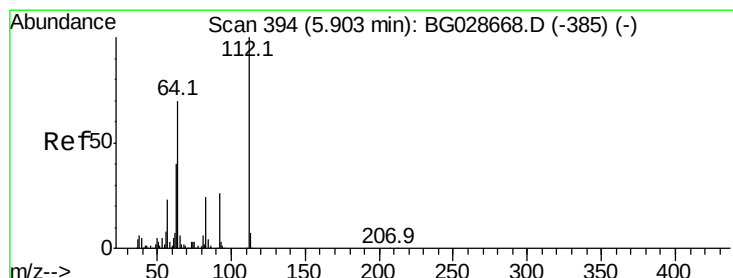
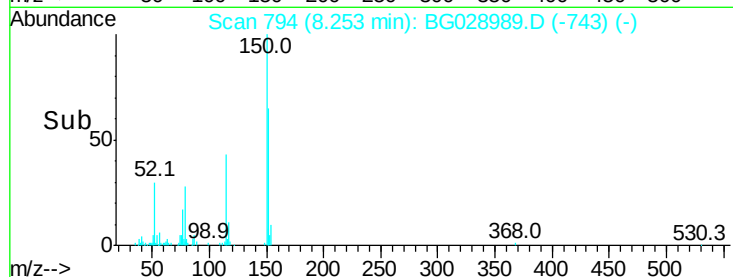
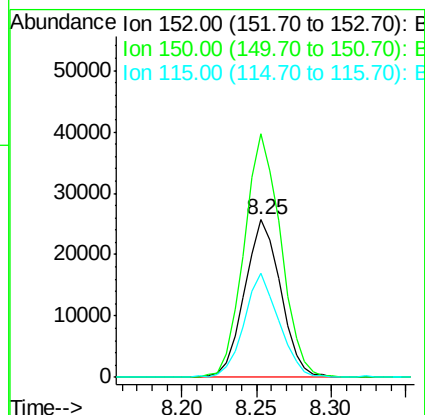
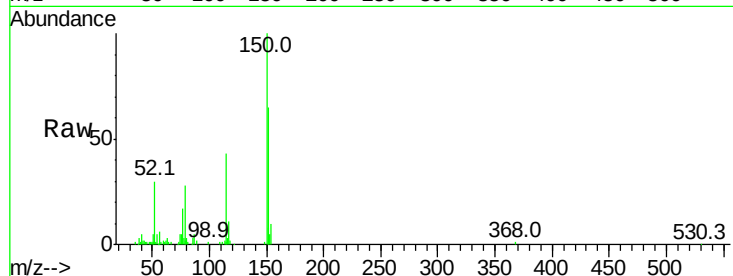


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.25 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG028989.D
Acq: 30 Sep 2017 21:24

Instrument :
BNA_G
ClientSampleId :
1612

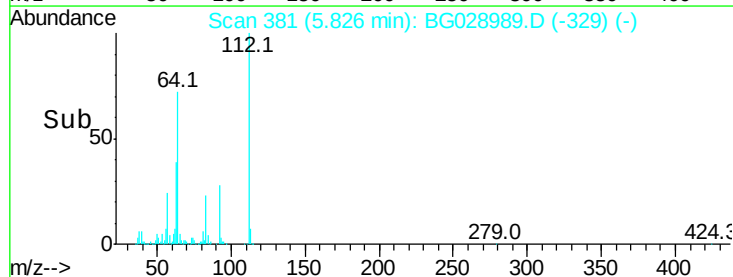
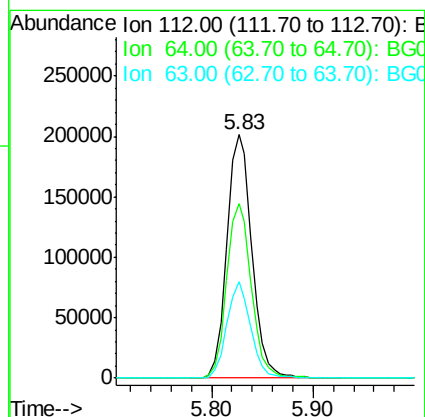
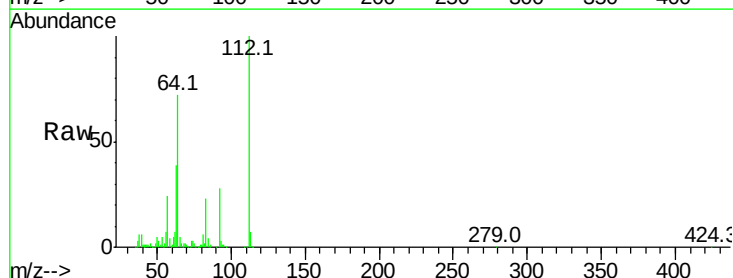
Tot Ion:152 Resp: 42975
Ion Ratio Lower Upper
152 100
150 154.8 114.0 171.0
115 65.9 48.1 72.1

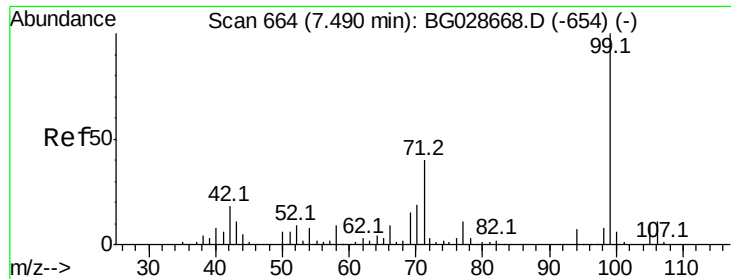


#5

2-Fluorophenol
Concen: 131.939 ng
RT: 5.83 min Scan# 381
Delta R.T. 0.00 min
Lab File: BG028989.D
Acq: 30 Sep 2017 21:24

Tgt Ion:112 Resp: 343632
Ion Ratio Lower Upper
112 100
64 71.7 61.8 92.6
63 39.4 37.2 55.8





#7

Phenol-d6

Concen: 100.846 ng

RT: 7.41 min Scan# 651

Delta R.T. -0.00 min

Lab File: BG028989.D

Acq: 30 Sep 2017 21:24

Instrument :

BNA_G

ClientSampleId :

1612

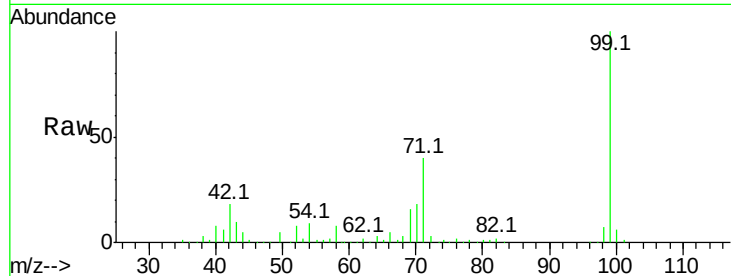
Tot Ion: 99 Resp: 395452

Ion Ratio Lower Upper

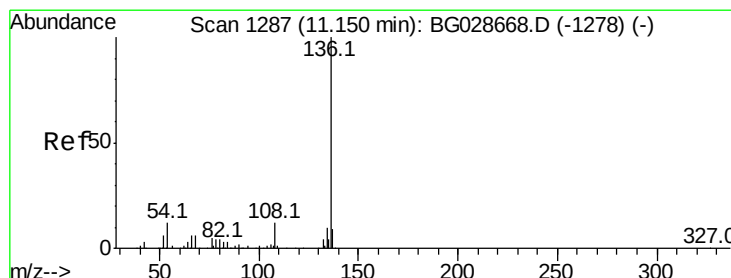
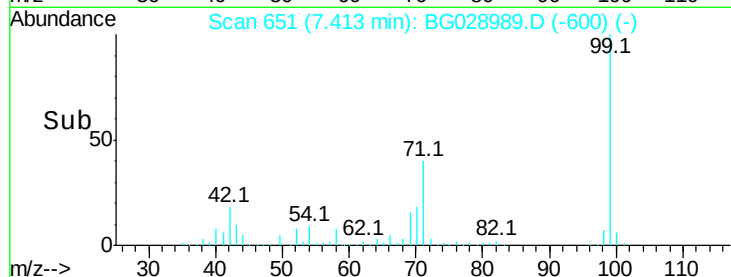
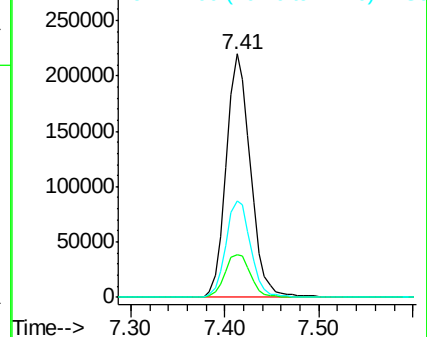
99 100

42 17.7 20.5 30.7#

71 39.9 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: 11.07 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BG028989.D

Acq: 30 Sep 2017 21:24

Tgt Ion: 136 Resp: 165114

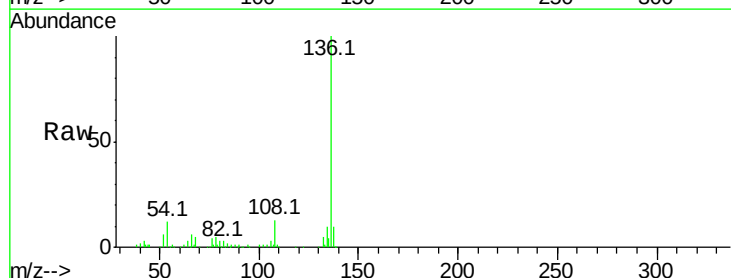
Ion Ratio Lower Upper

136 100

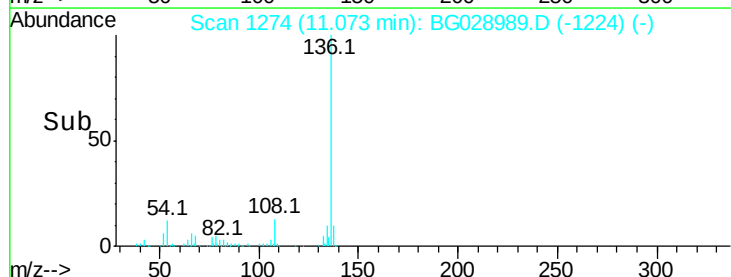
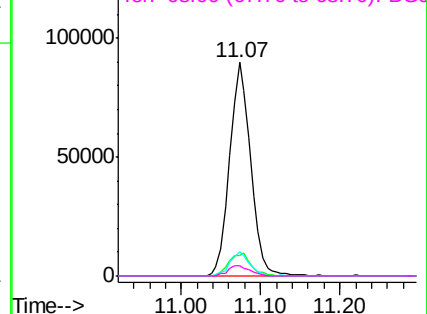
137 9.6 8.9 13.3

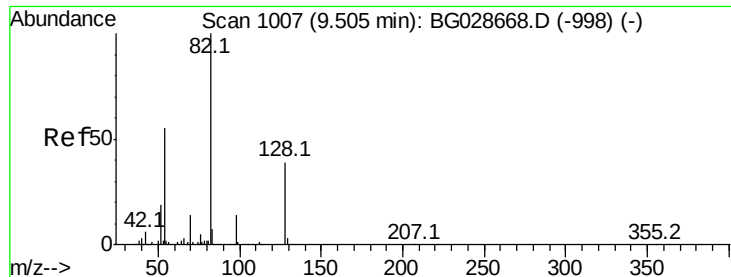
54 11.7 9.3 13.9

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: 92.233 ng

RT: 9.43 min Scan# 994

Delta R.T. -0.00 min

Lab File: BG028989.D

Acq: 30 Sep 2017 21:24

Instrument :

BNA_G

ClientSampled :

1612

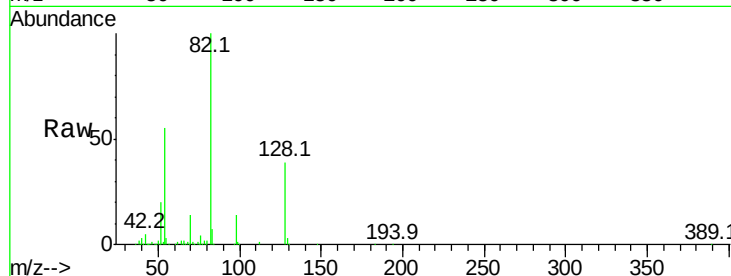
Tot Ion: 82 Resp: 318349

Ion Ratio Lower Upper

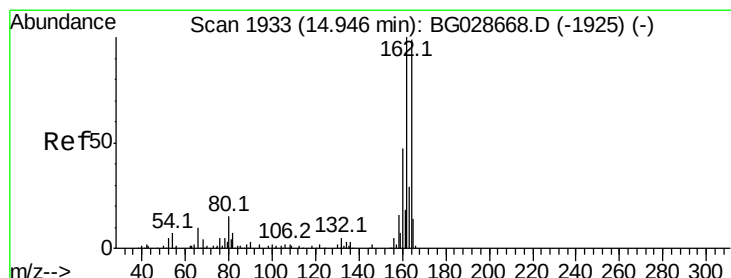
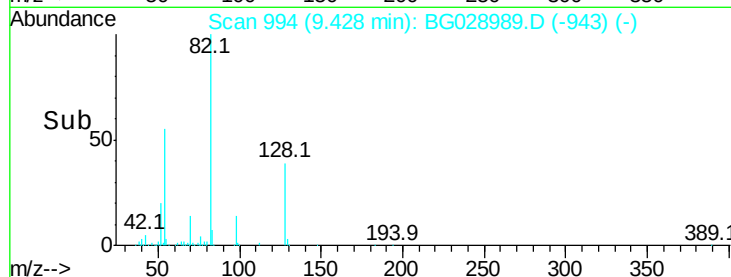
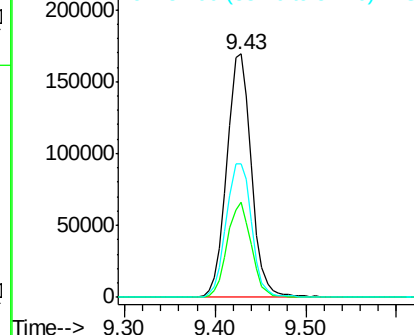
82 100

128 39.2 26.4 39.6

54 55.0 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: 14.87 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG028989.D

Acq: 30 Sep 2017 21:24

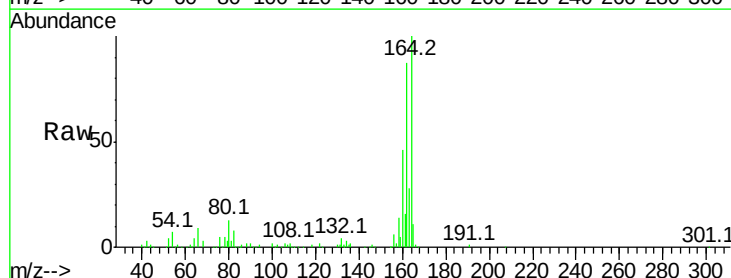
Tgt Ion: 164 Resp: 113926

Ion Ratio Lower Upper

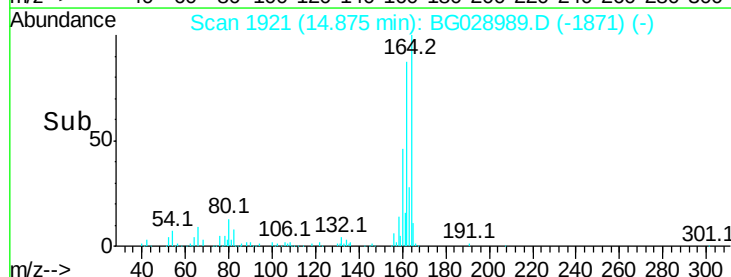
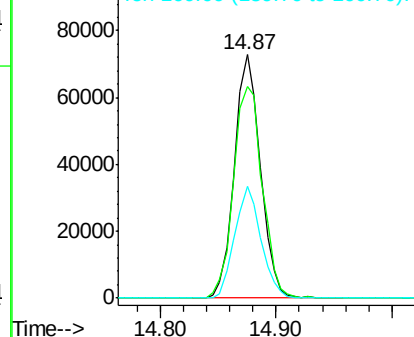
164 100

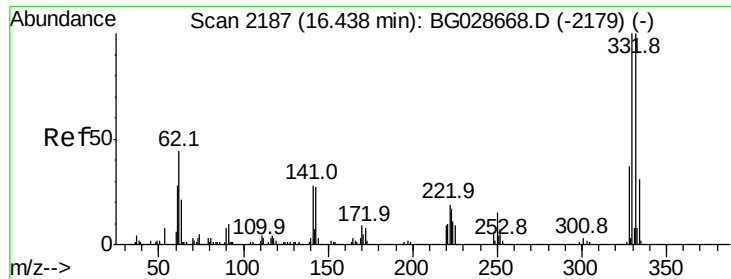
162 86.7 85.1 127.7

160 45.7 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

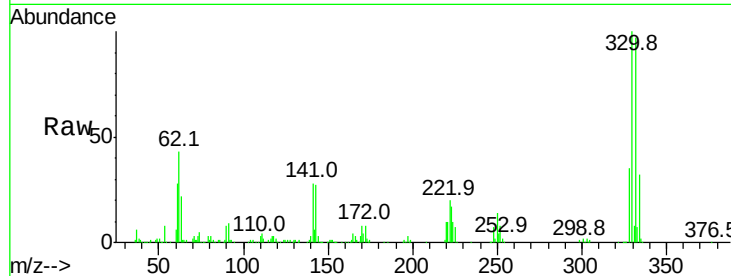




#41
 2,4,6-Tribromophenol
 Concen: 145.641 ng
 RT: 16.37 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG028989.D
 Acq: 30 Sep 2017 21:24

Instrument :
 BNA_G
 ClientSampled :
 1612

Tot Ion	330	332	141	Ratio	Lower	Upper
330	100					
332	97.4			77.3	115.9	
141	30.3			32.1	48.1	

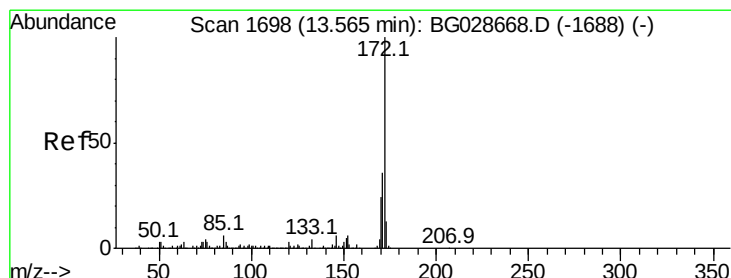
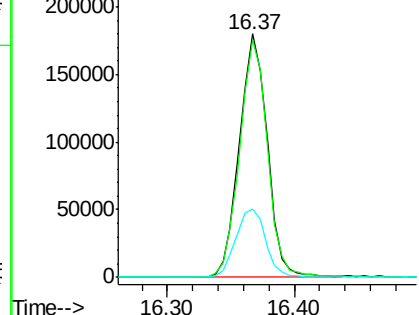
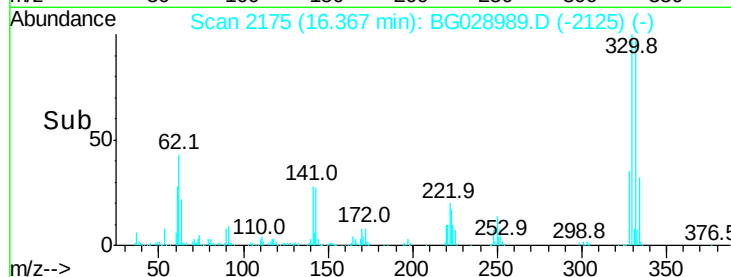


Abundance

Ion 329.80 (329.50 to 330.50): E

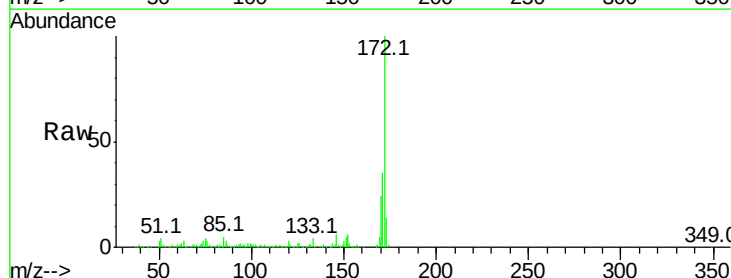
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.363 ng
 RT: 13.49 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG028989.D
 Acq: 30 Sep 2017 21:24

Tgt Ion	172	171	170	Ratio	Lower	Upper
172	100					
171	35.2			32.2	48.2	
170	23.6			21.8	32.6	

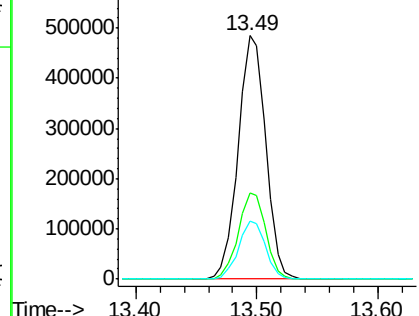
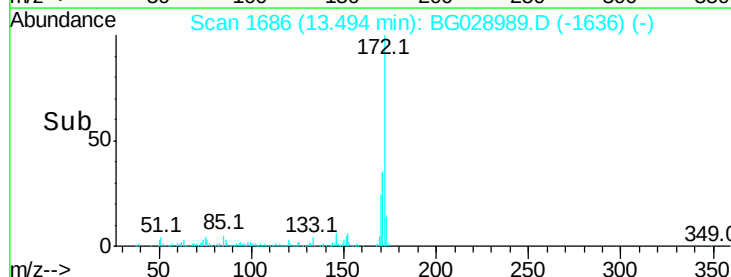


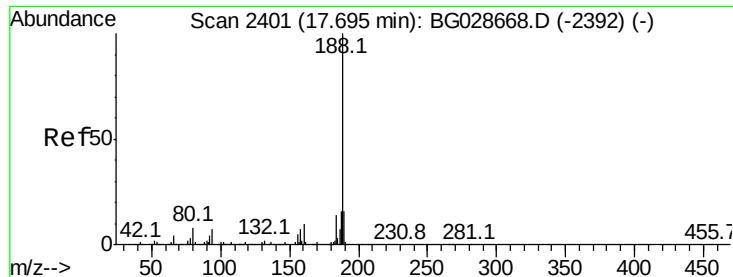
Abundance

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: 20.000 ng

RT: 17.62 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BG028989.D

Acq: 30 Sep 2017 21:24

Instrument :

BNA_G

ClientSampled :

1612

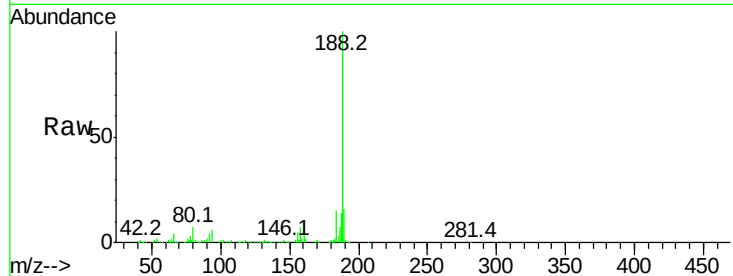
Tot Ion:188 Resp: 292784

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

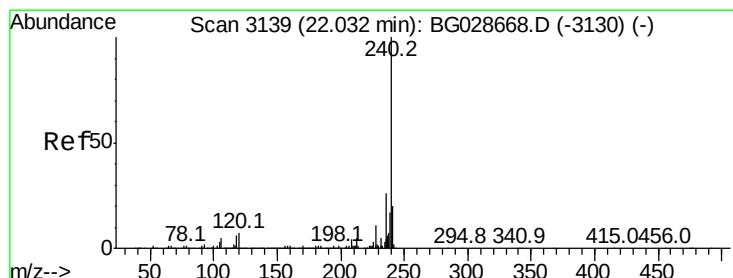
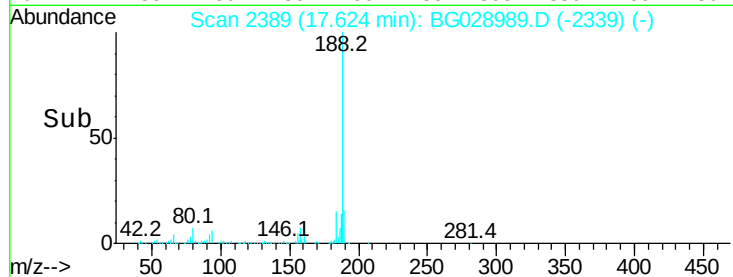
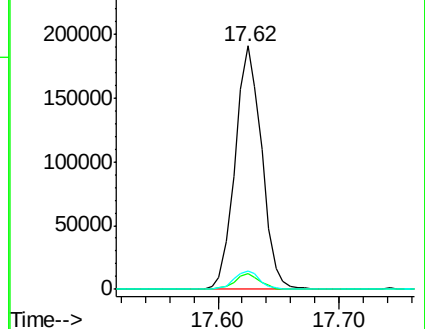
80 7.4 7.5 11.3#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.94 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BG028989.D

Acq: 30 Sep 2017 21:24

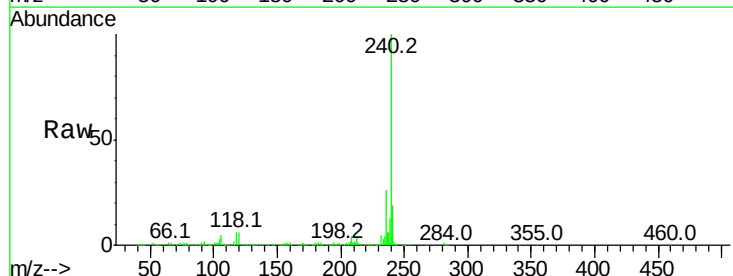
Tgt Ion:240 Resp: 341301

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5#

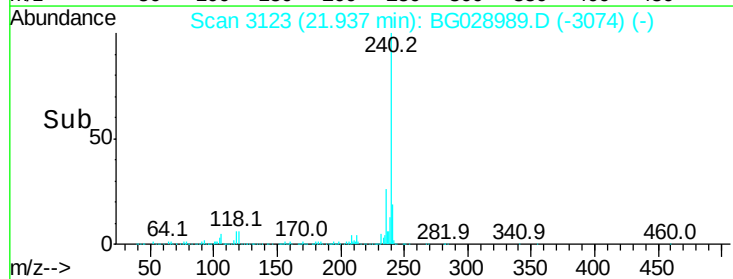
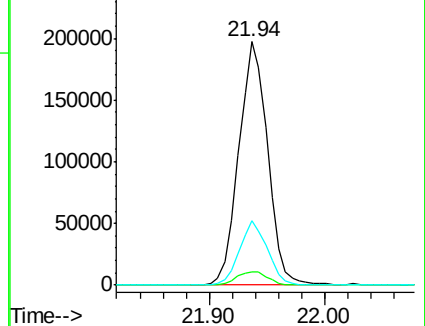
236 26.2 22.2 33.4

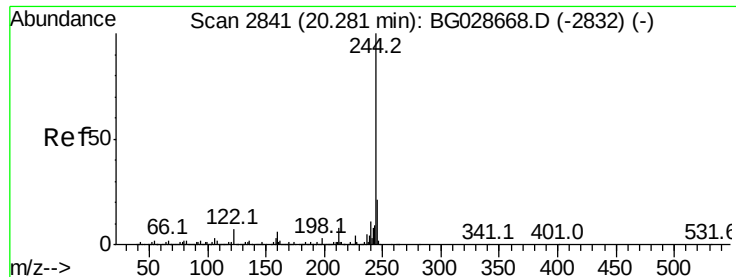


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.365 ng

RT: 20.22 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG028989.D

Acq: 30 Sep 2017 21:24

Instrument :

BNA_G

ClientSampleId :
1612

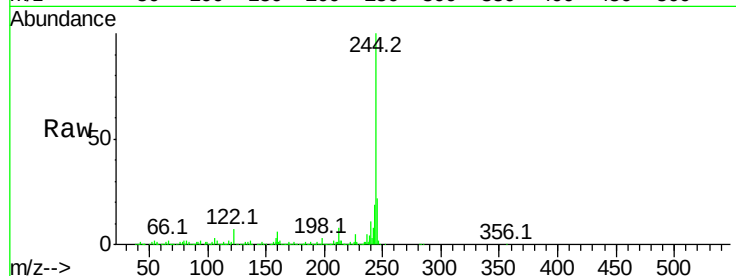
Tot Ion:244 Resp: 1446221

Ion	Ratio	Lower	Upper
244	100		
212	7.7	10.0	15.0#
122	7.5	8.6	12.8#

244 100

212 7.7 10.0 15.0#

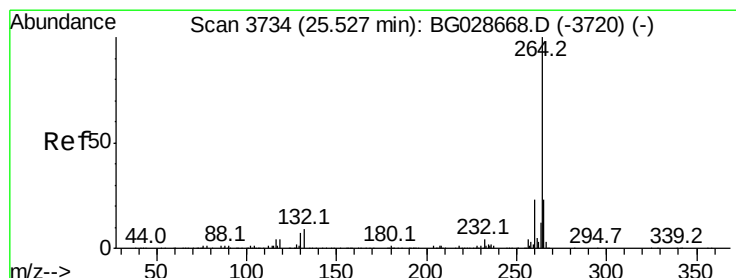
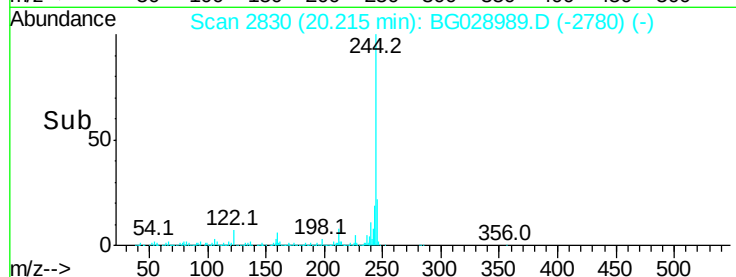
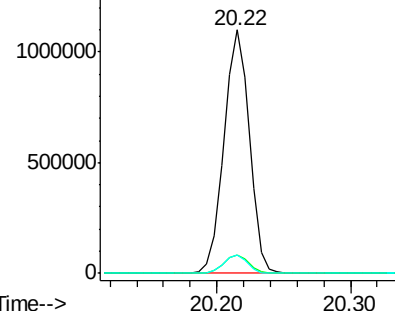
122 7.5 8.6 12.8#



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 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# 3707

Delta R.T. -0.01 min

Lab File: BG028989.D

Acq: 30 Sep 2017 21:24

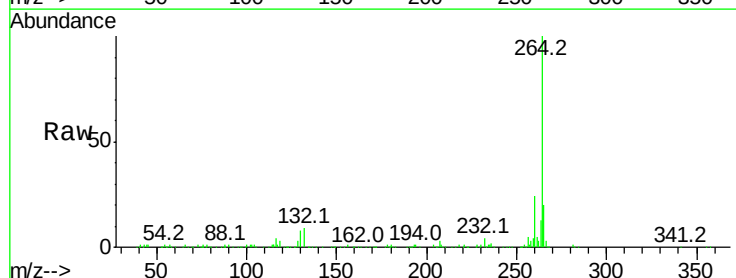
Tgt Ion:264 Resp: 347819

Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	20.3	18.2	27.4

264 100

260 24.0 21.8 32.8

265 20.3 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

150000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

