

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
 Data File : BG028684.D
 Acq On : 13 Sep 2017 00:27
 Operator : SJ/JU
 Sample : I5189-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP-01-090817

Quant Time: Sep 13 04:08:31 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	24922	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	97792	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	76818	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	236224	20.00	ng	0.00
75) Chrysene-d12	22.03	240	275374	20.00	ng	0.00
86) Perylene-d12	25.52	264	281727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	114087	75.54	ng	0.00
7) Phenol-d6	7.48	99	95121	41.83	ng	0.00
23) Nitrobenzene-d5	9.50	82	217767	106.53	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	244631	192.54	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	579536	100.60	ng	0.00
78) Terphenyl-d14	20.28	244	1287129	99.68	ng	0.00

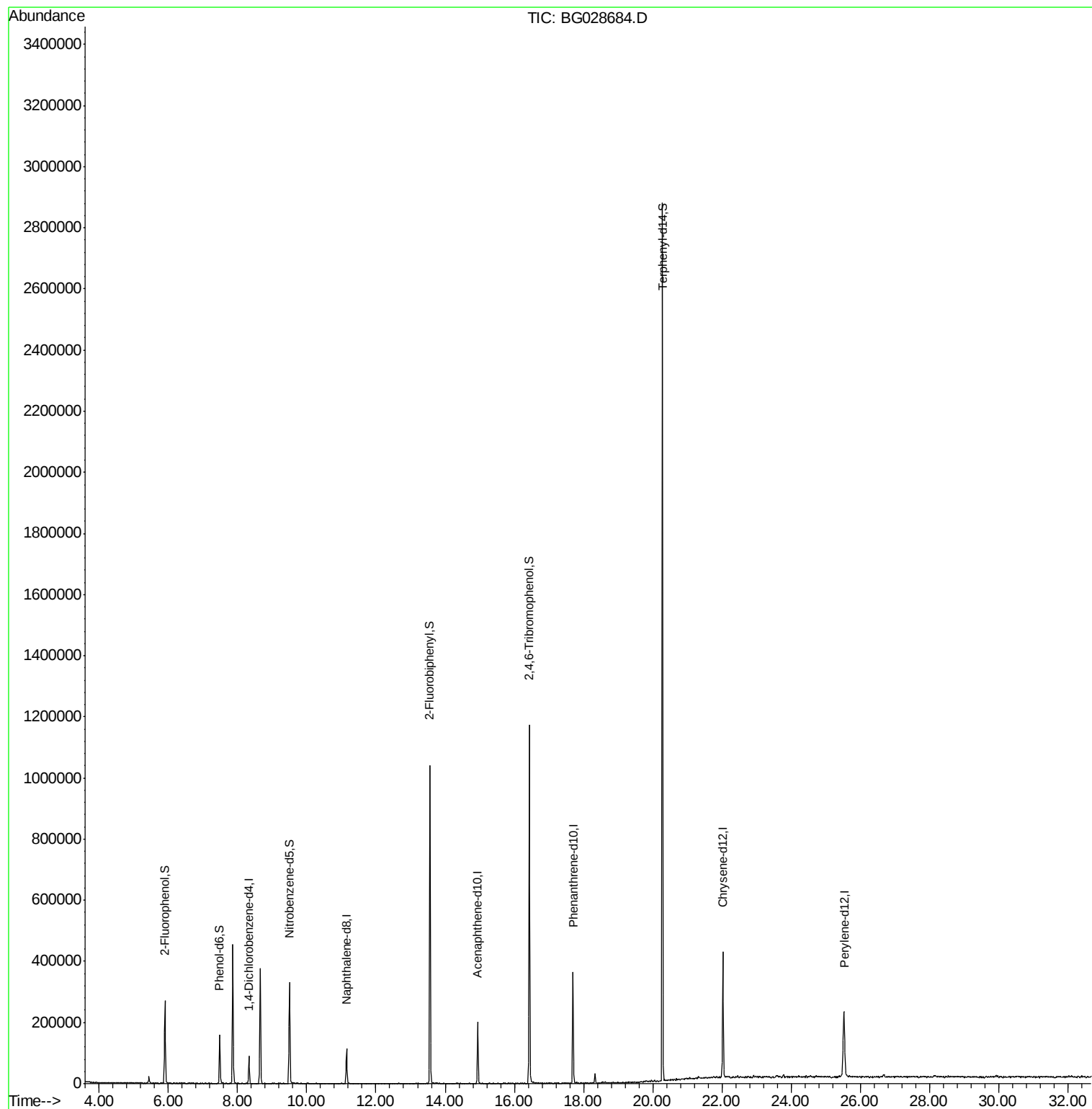
Target Compounds Qvalue

(#) = 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: BG028684.D

Acq: 13 Sep 2017 00:27

Instrument :

BNA_G

ClientSampleId :

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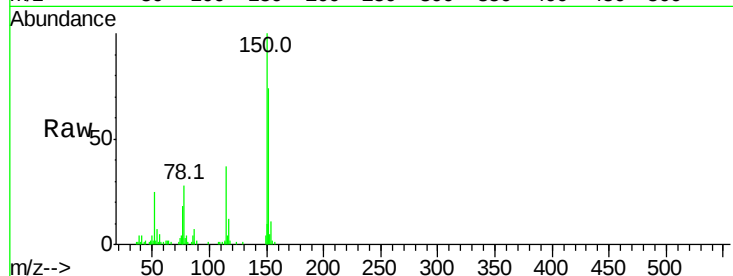
Tot Ion:152 Resp: 24922

Ion Ratio Lower Upper

152 100

150 135.8 114.0 171.0

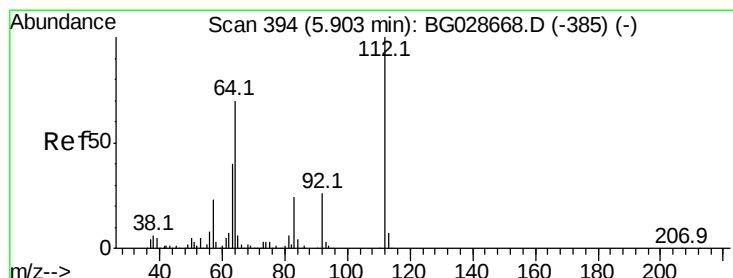
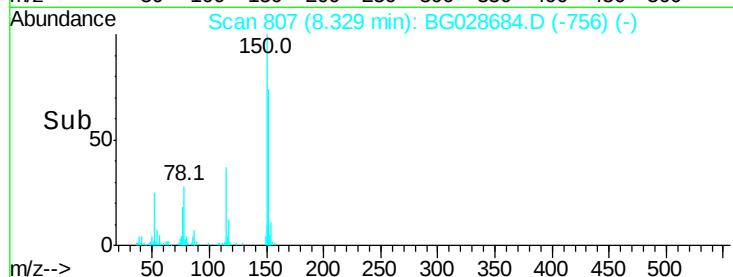
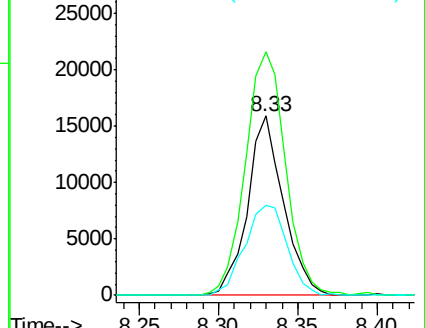
115 50.2 48.1 72.1



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: 75.535 ng

RT: 5.90 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG028684.D

Acq: 13 Sep 2017 00:27

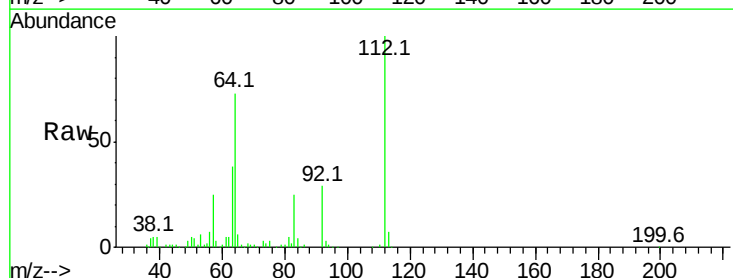
Tgt Ion:112 Resp: 114087

Ion Ratio Lower Upper

112 100

64 72.6 61.8 92.6

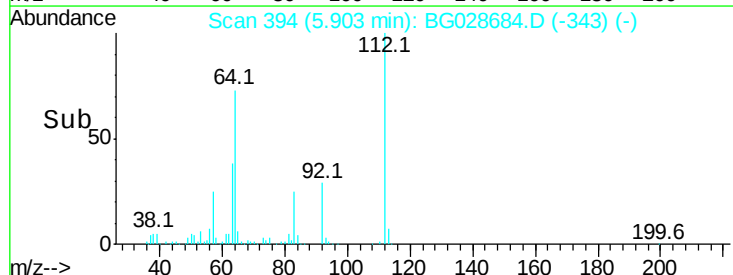
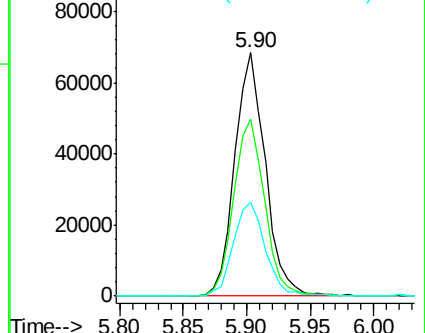
63 38.4 37.2 55.8

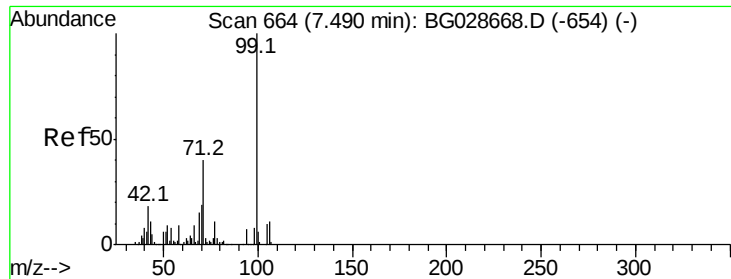


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 41.829 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028684.D

Acq: 13 Sep 2017 00:27

Instrument :

BNA_G

ClientSampleId :

DUP-01-090817

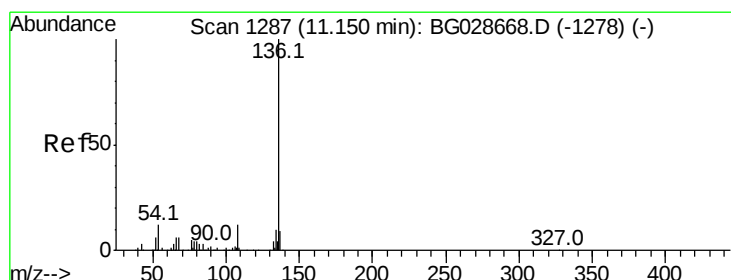
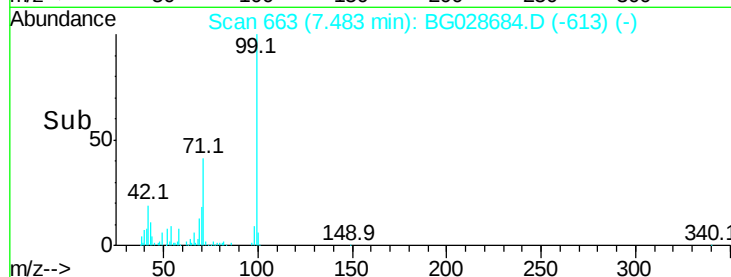
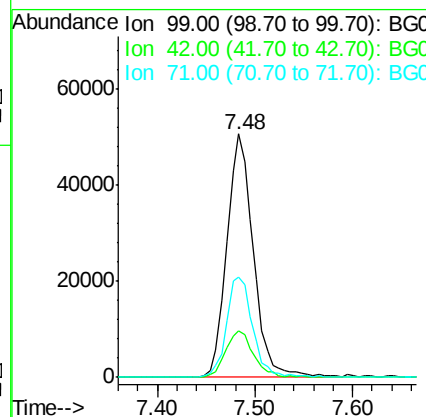
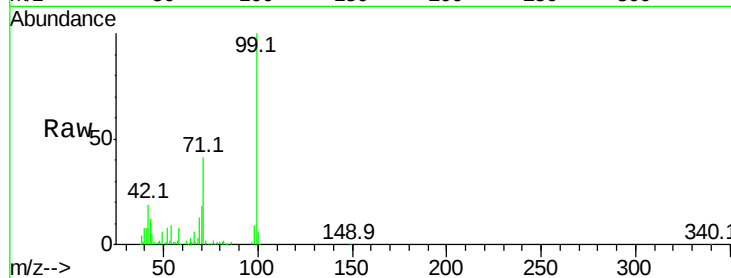
Tot Ion: 99 Resp: 95121

Ion Ratio Lower Upper

99 100

42 19.1 20.5 30.7#

71 41.3 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG028684.D

Acq: 13 Sep 2017 00:27

Tgt Ion: 136 Resp: 97792

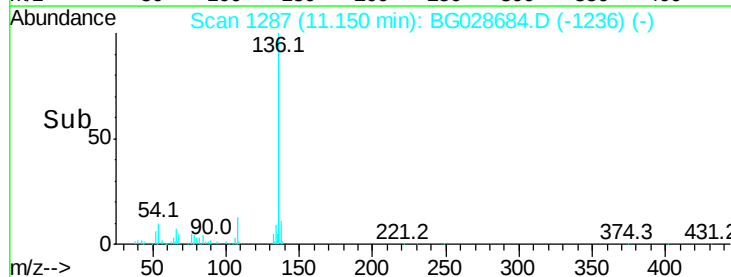
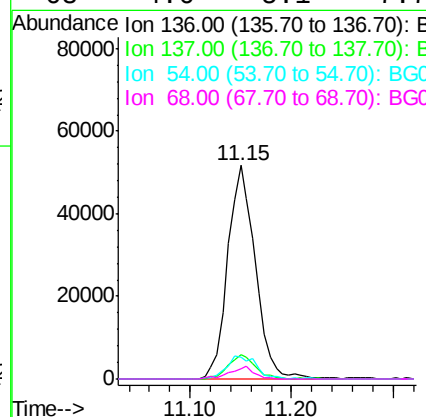
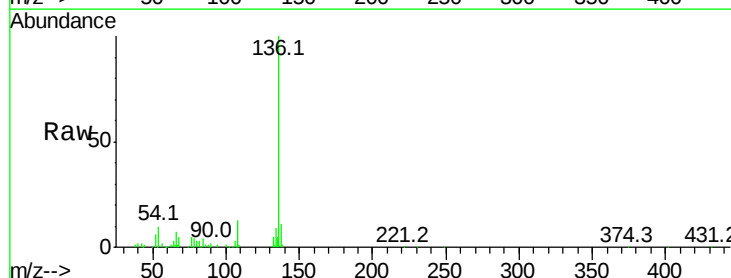
Ion Ratio Lower Upper

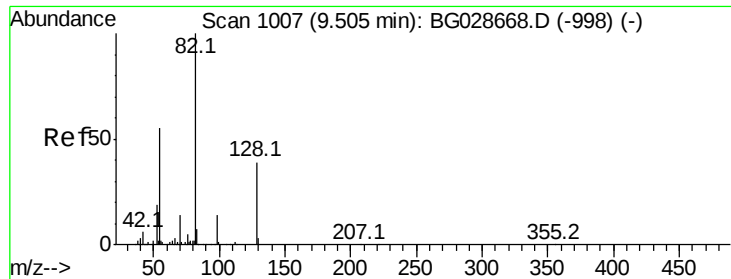
136 100

137 11.2 8.9 13.3

54 9.9 9.3 13.9

68 4.6 5.1 7.7#

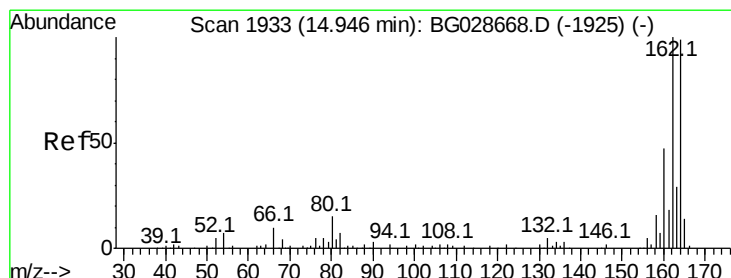
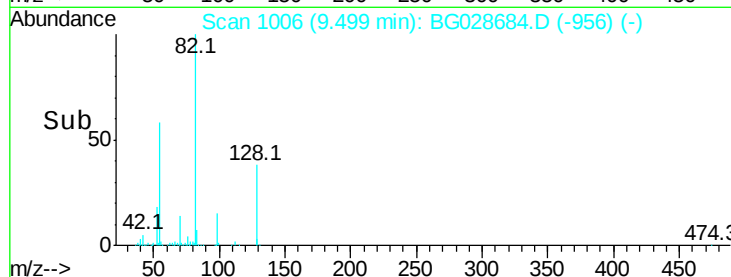
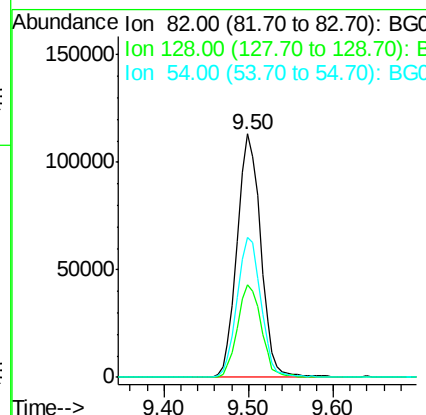
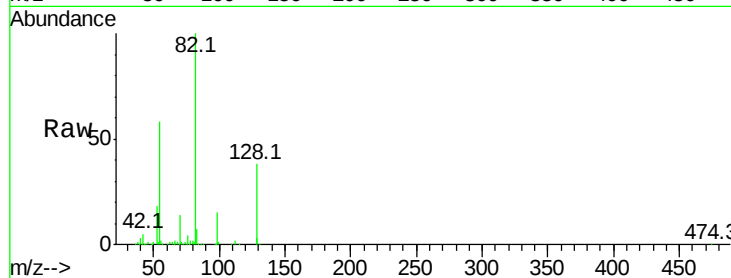




#23
 Nitrobenzene-d5
 Concen: 106.526 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG028684.D
 Acq: 13 Sep 2017 00:27

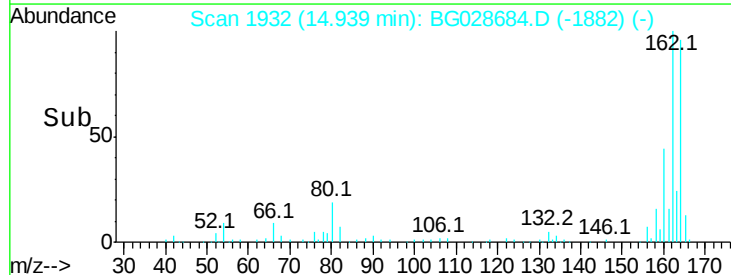
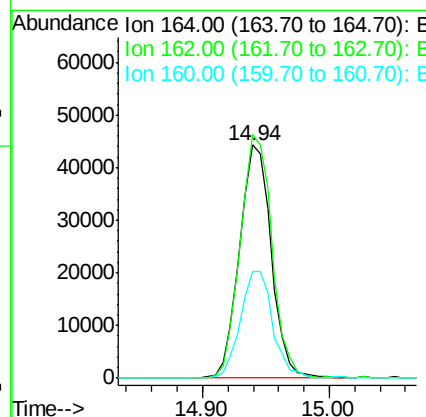
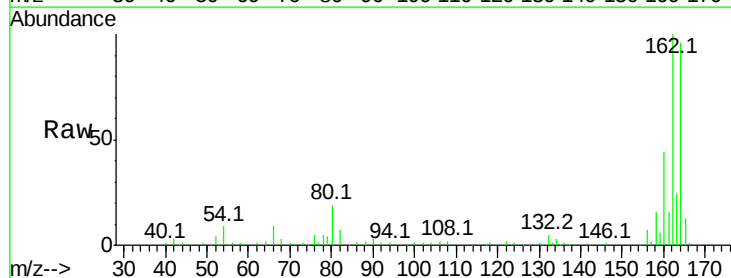
Instrument :
 BNA_G
 ClientSampleId :
 DUP-01-090817

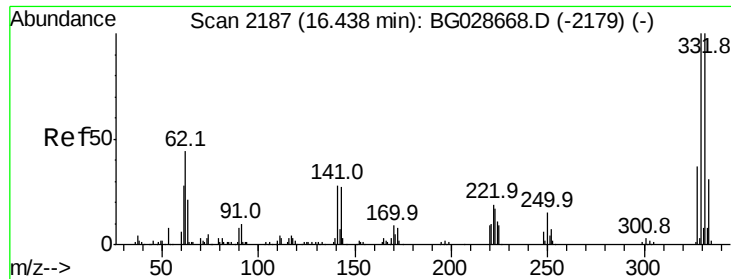
Tot Ion	82	Resp	217767
Ion Ratio	Lower	Upper	
82	100		
128	38.3	26.4	39.6
54	57.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG028684.D
 Acq: 13 Sep 2017 00:27

Tgt Ion	164	Resp	76818
Ion Ratio	Lower	Upper	
164	100		
162	104.5	85.1	127.7
160	45.9	34.7	52.1

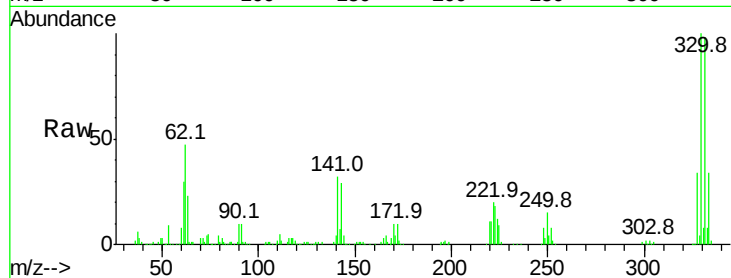




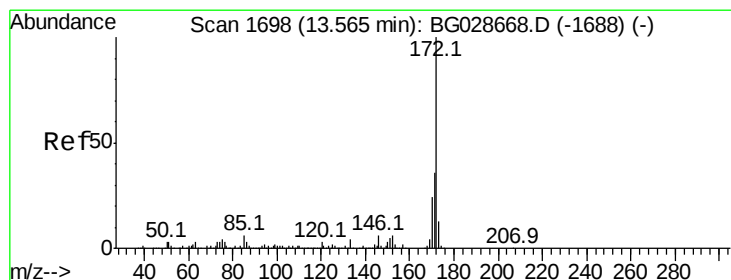
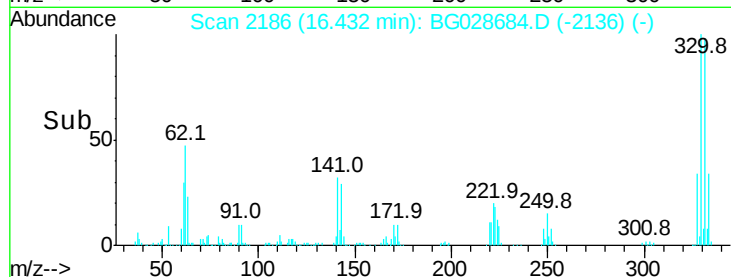
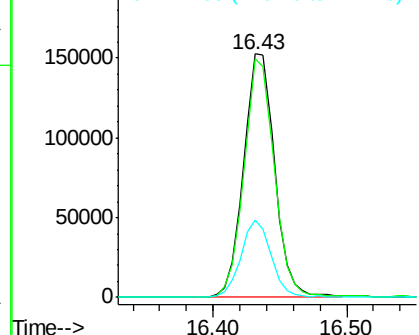
#41
 2,4,6-Tribromophenol
 Concen: 192.544 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028684.D
 Acq: 13 Sep 2017 00:27

Instrument :
 BNA_G
 ClientSampleId :
 DUP-01-090817

Tot Ion:330 Resp: 244631
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 31.4 32.1 48.1#

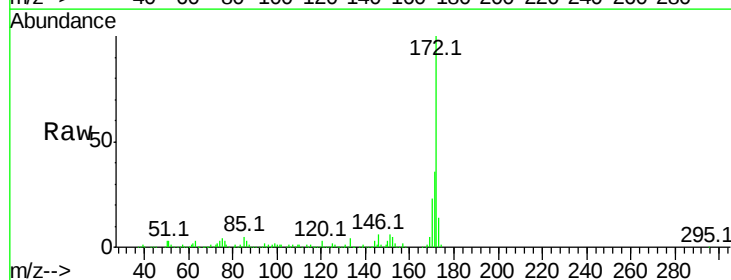


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

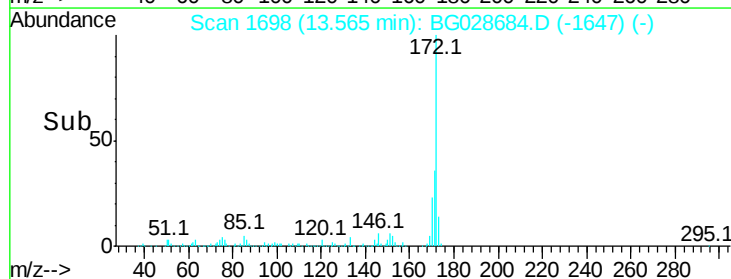
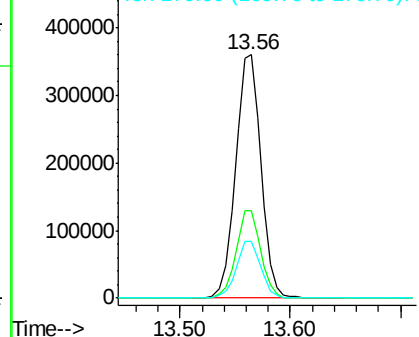


#44
 2-Fluorobiphenyl
 Concen: 100.597 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG028684.D
 Acq: 13 Sep 2017 00:27

Tgt Ion:172 Resp: 579536
 Ion Ratio Lower Upper
 172 100
 171 35.7 32.2 48.2
 170 23.1 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# 2401

Delta R.T. -0.00 min

Lab File: BG028684.D

Acq: 13 Sep 2017 00:27

Instrument :

BNA_G

ClientSampleId :

DUP-01-090817

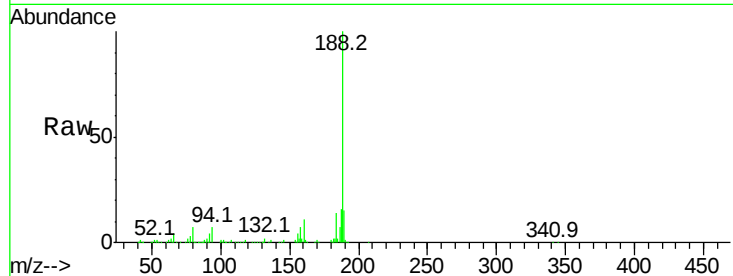
Tot Ion:188 Resp: 236224

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

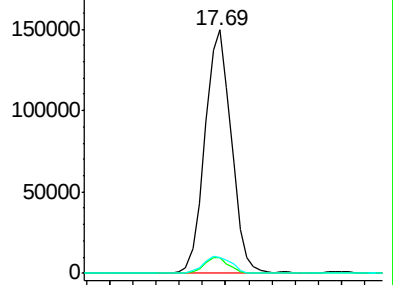
80 6.7 7.5 11.3#



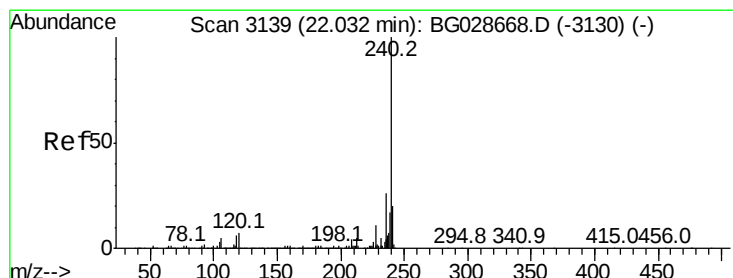
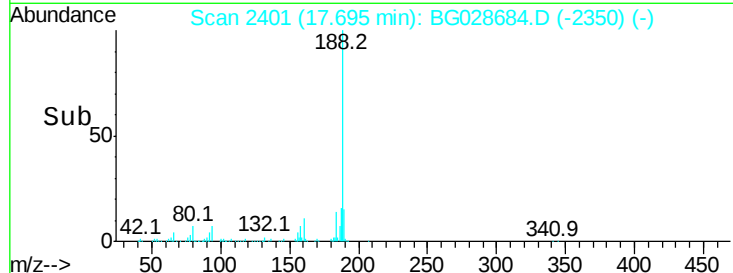
Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.03 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028684.D

Acq: 13 Sep 2017 00:27

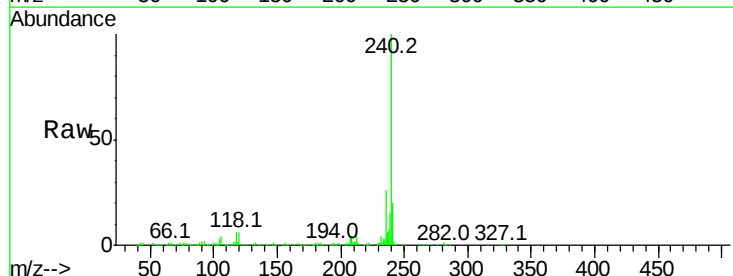
Tgt Ion:240 Resp: 275374

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

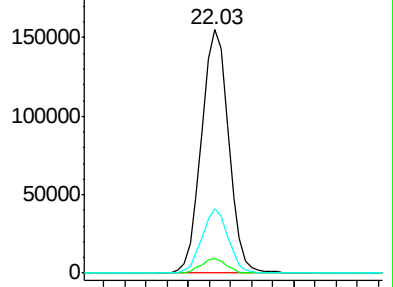
236 26.5 22.2 33.4



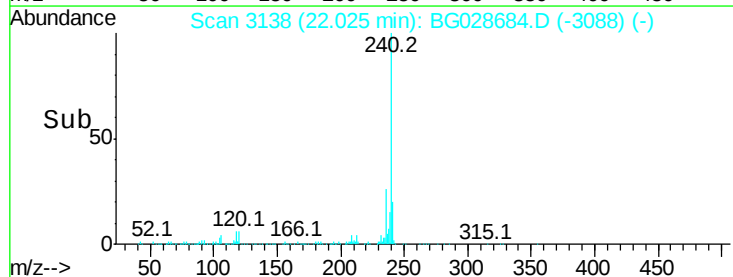
Abundance Ion 240.00 (239.70 to 240.70): E

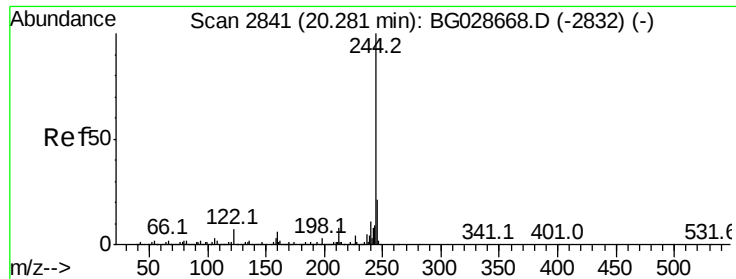
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 99.679 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028684.D

Acq: 13 Sep 2017 00:27

Instrument :

BNA_G

ClientSampleId :

DUP-01-090817

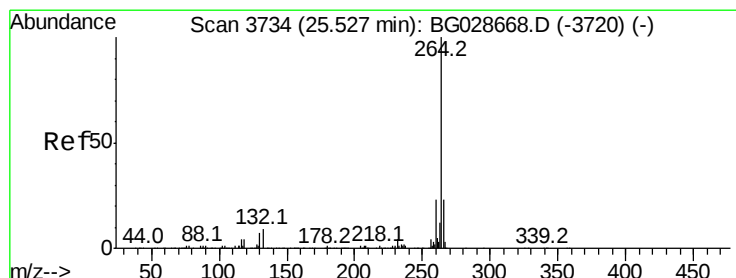
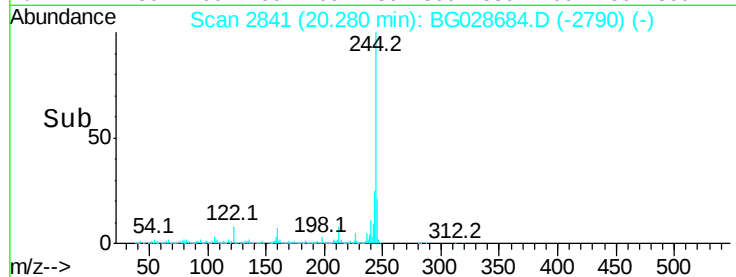
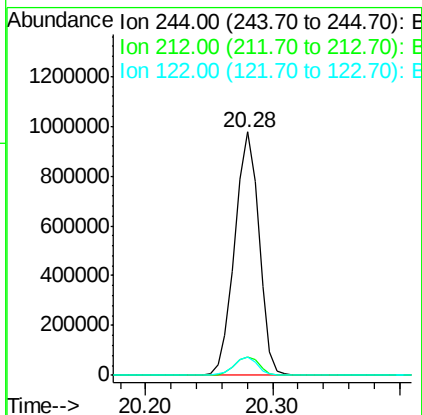
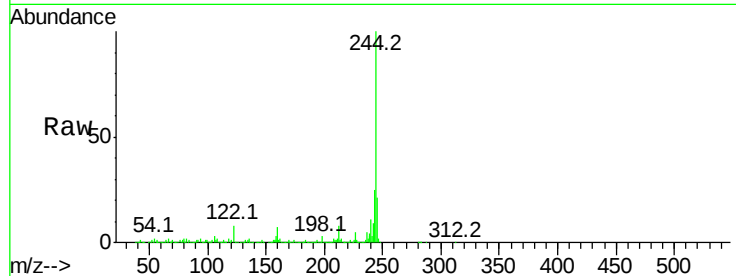
Tot Ion:244 Resp: 1287129

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

122 7.5 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.52 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG028684.D

Acq: 13 Sep 2017 00:27

Tgt Ion:264 Resp: 281727

Ion Ratio Lower Upper

264 100

260 22.7 21.8 32.8

265 19.8 18.2 27.4

