

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
 Data File : BG028678.D
 Acq On : 12 Sep 2017 20:30
 Operator : SJ/JU
 Sample : I5172-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S32-9021

Quant Time: Sep 13 04:04:00 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

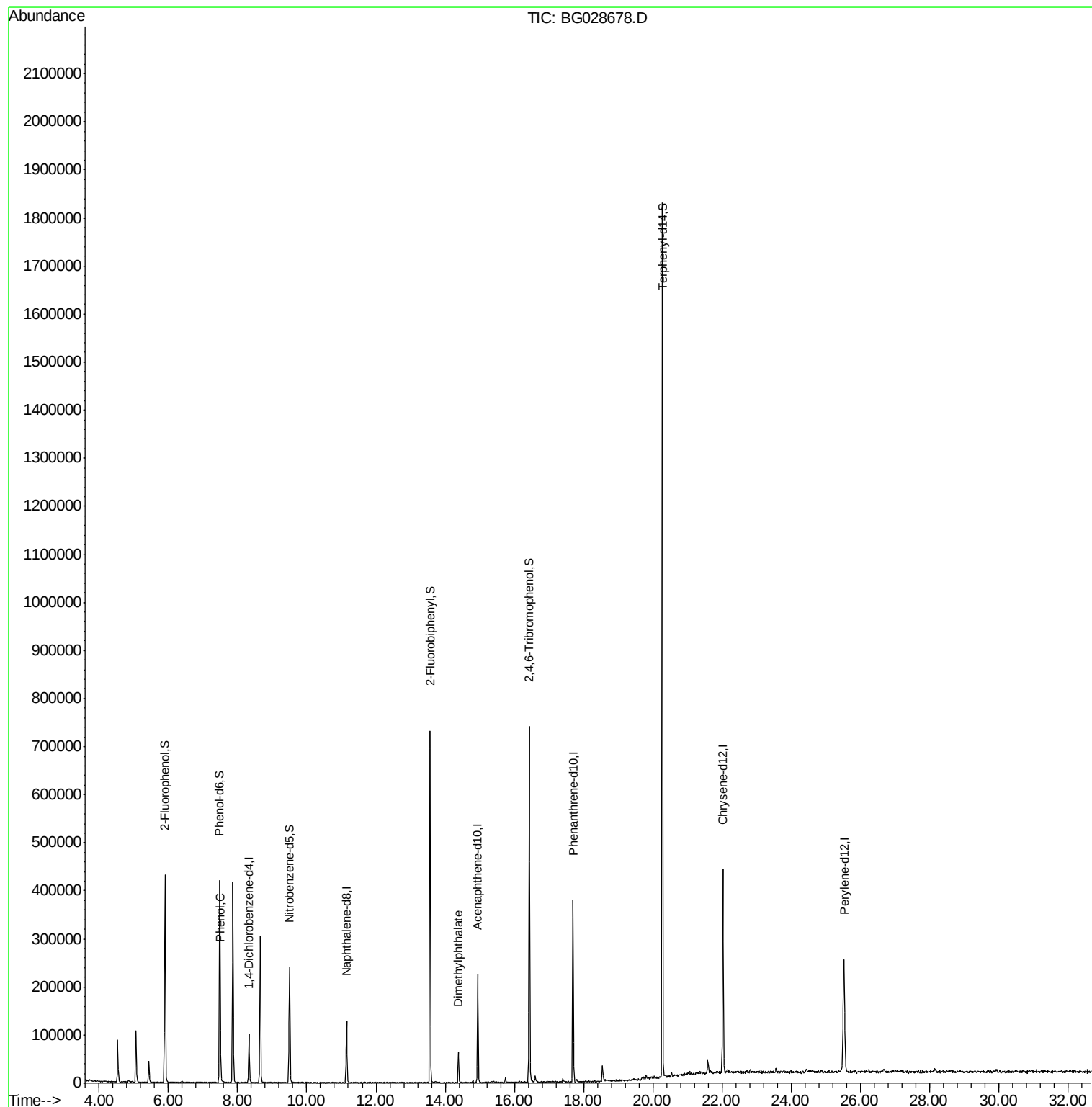
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	28940	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	111958	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	83588	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	245980	20.00	ng	0.00
75) Chrysene-d12	22.02	240	285228	20.00	ng	0.00
86) Perylene-d12	25.53	264	295428	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	185817	105.95	ng	0.00
7) Phenol-d6	7.49	99	254591	96.41	ng	0.00
23) Nitrobenzene-d5	9.50	82	157427	67.27	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	167027	120.82	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	404101	64.46	ng	0.00
78) Terphenyl-d14	20.28	244	822645	61.51	ng	0.00
Target Compounds						
10) Phenol	7.51	94	8937	3.207	ng	Qvalue # 71
49) Dimethylphthalate	14.37	163	48963	6.985	ng	98

(#) = 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: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

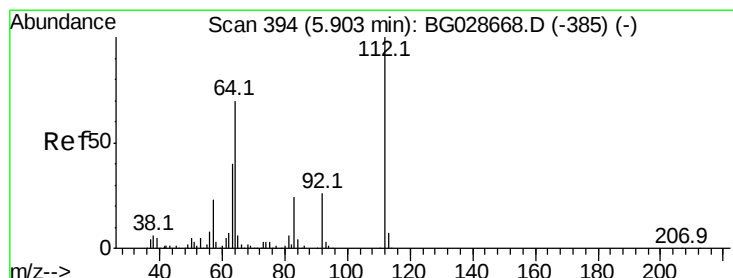
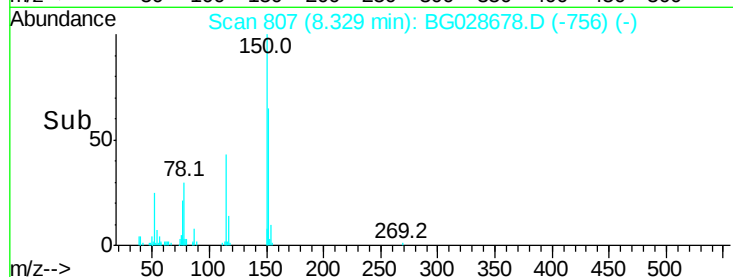
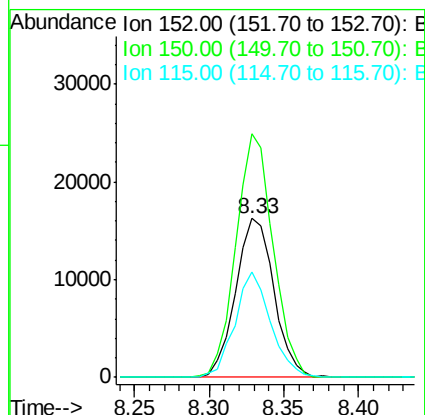
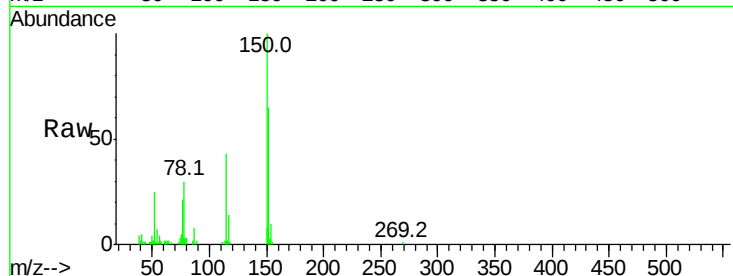
Tot Ion:152 Resp: 28940

Ion Ratio Lower Upper

152 100

150 153.4 114.0 171.0

115 66.4 48.1 72.1



#5

2-Fluorophenol

Concen: 105.946 ng

RT: 5.90 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

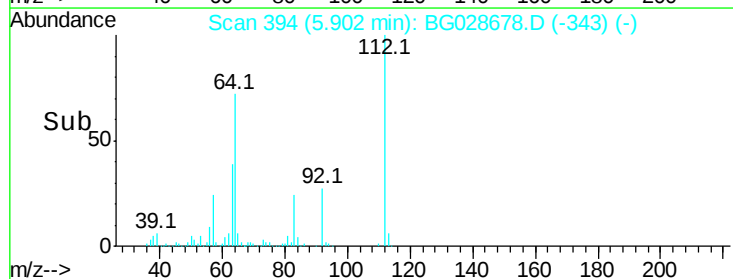
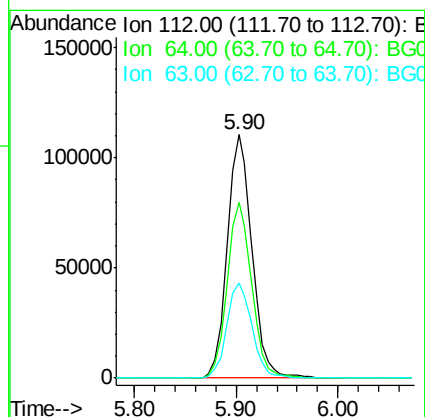
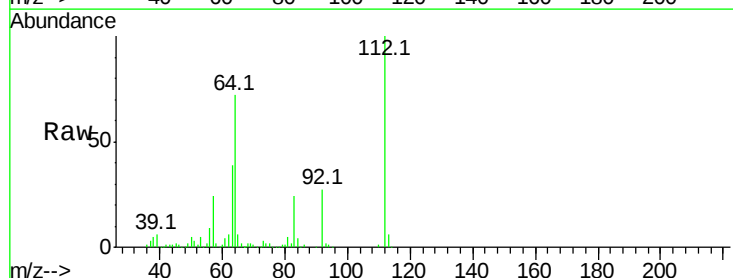
Tgt Ion:112 Resp: 185817

Ion Ratio Lower Upper

112 100

64 72.2 61.8 92.6

63 39.0 37.2 55.8





#7

Phenol-d6

Concen: 96.411 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

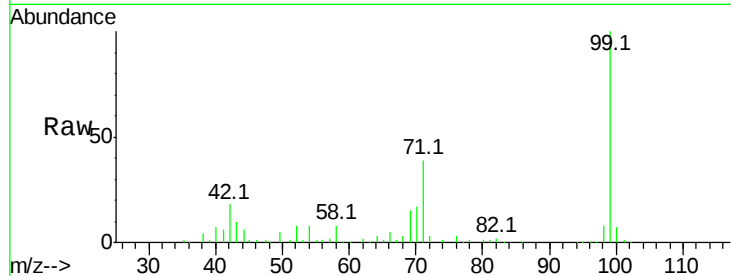
Tot Ion: 99 Resp: 254591

Ion Ratio Lower Upper

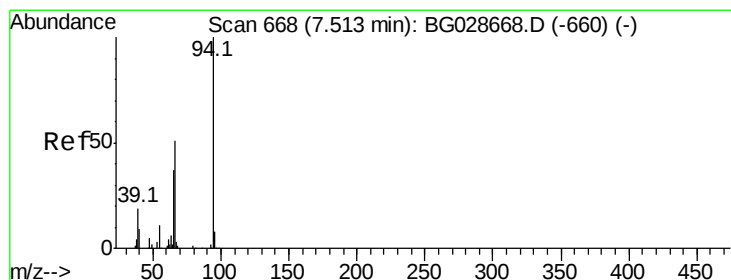
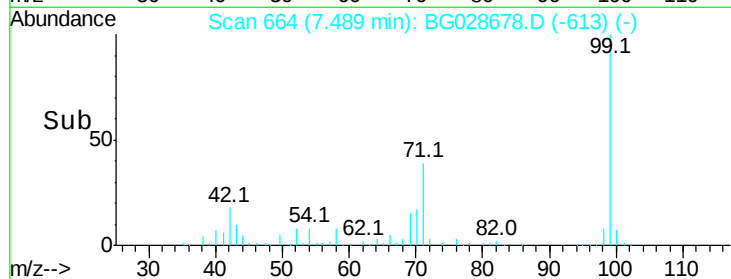
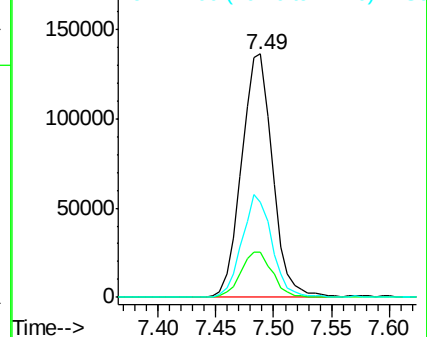
99 100

42 18.4 20.5 30.7#

71 39.3 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



#10

Phenol

Concen: 3.207 ng

RT: 7.51 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

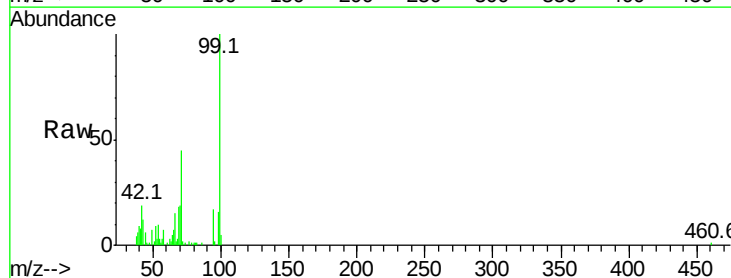
Tgt Ion: 94 Resp: 8937

Ion Ratio Lower Upper

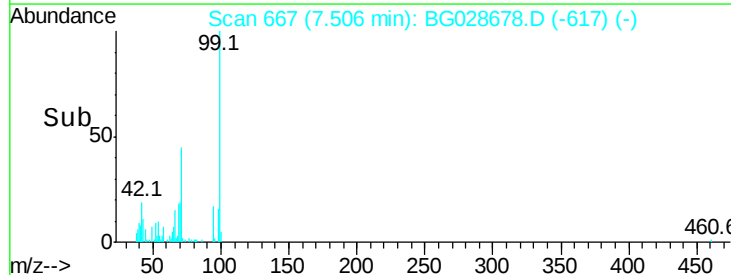
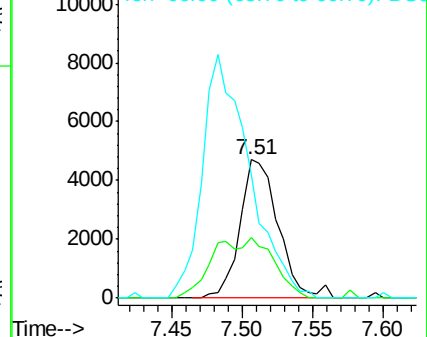
94 100

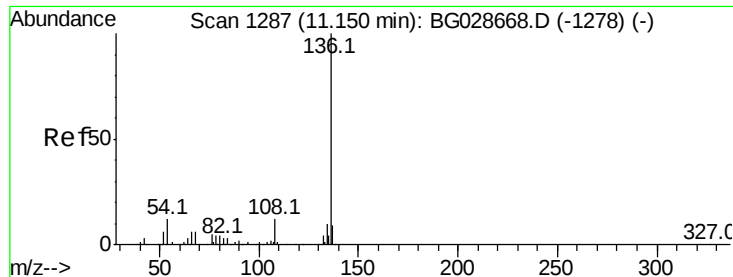
65 44.0 20.6 60.6

66 89.5 35.5 75.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

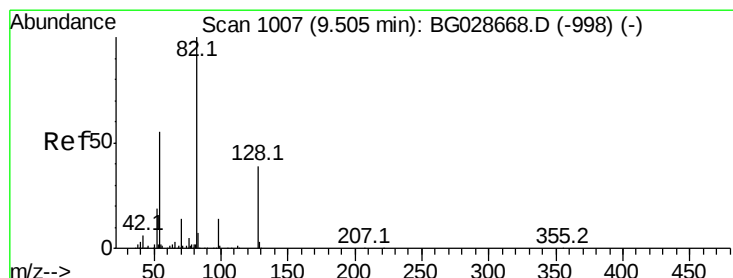
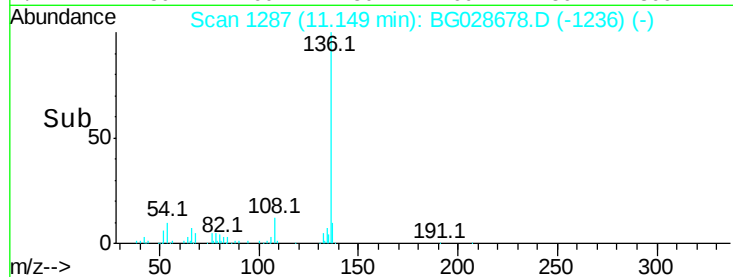
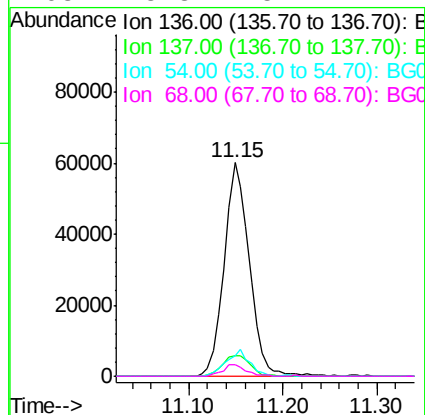
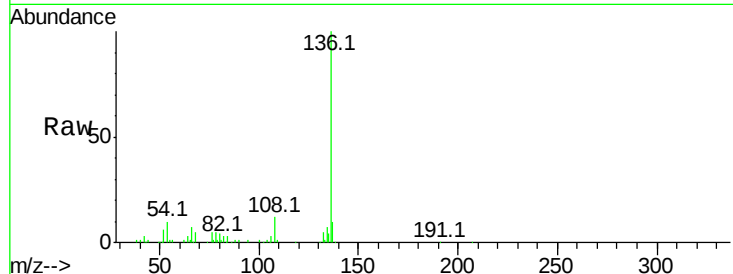




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

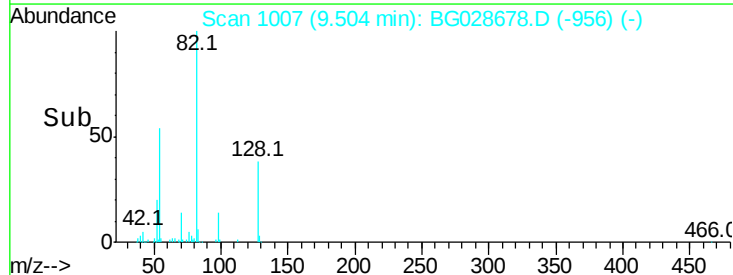
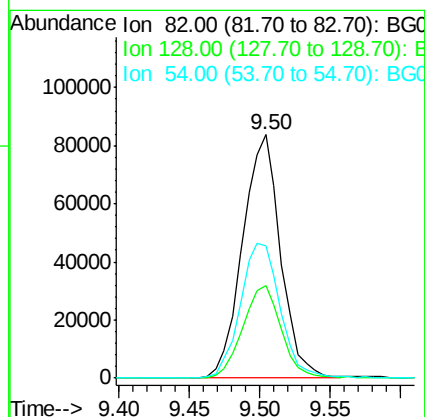
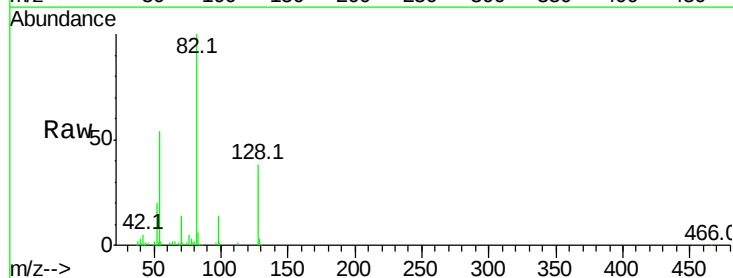
Instrument :
BNA_G
ClientSampleId :
S32-9021

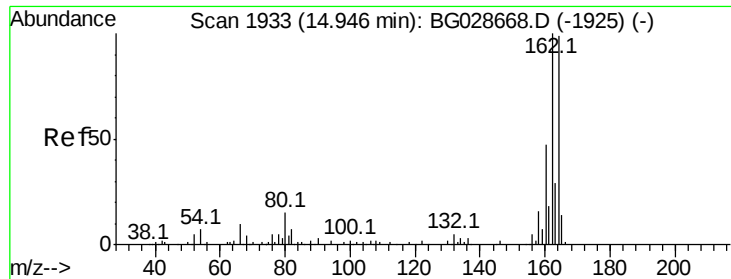
Tot Ion:	136	Resp:	111958
Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.9	13.3
54	9.6	9.3	13.9
68	5.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 67.265 ng
RT: 9.50 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Tgt Ion:	82	Resp:	157427
Ion	Ratio	Lower	Upper
82	100		
128	38.1	26.4	39.6
54	54.2	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

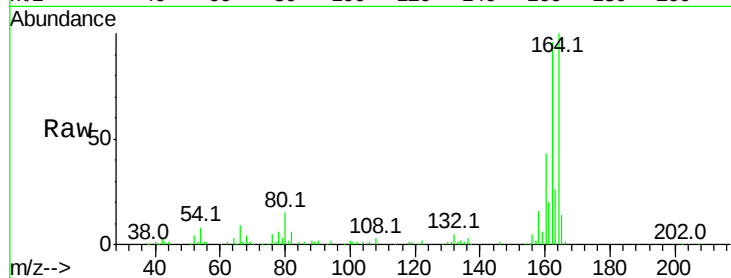
Tot Ion:164 Resp: 83588

Ion Ratio Lower Upper

164 100

162 96.4 85.1 127.7

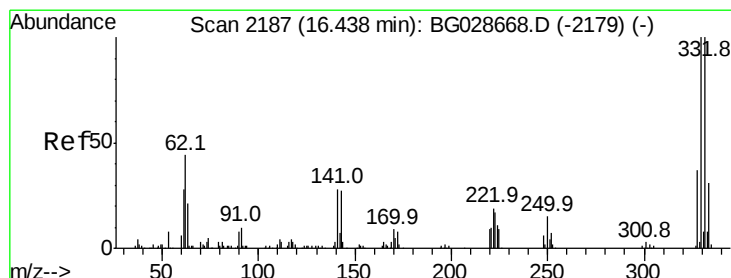
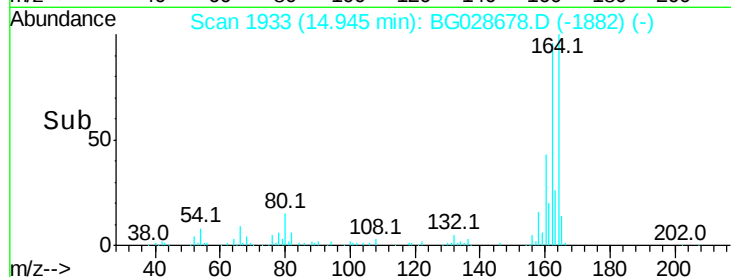
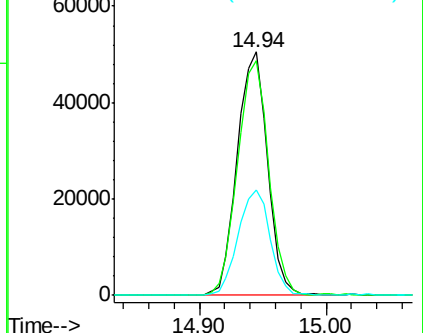
160 43.5 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 120.816 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

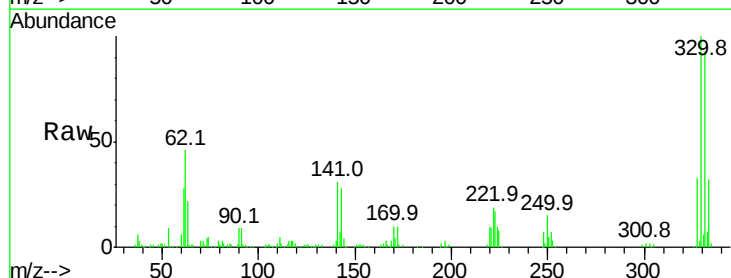
Tgt Ion:330 Resp: 167027

Ion Ratio Lower Upper

330 100

332 92.2 77.3 115.9

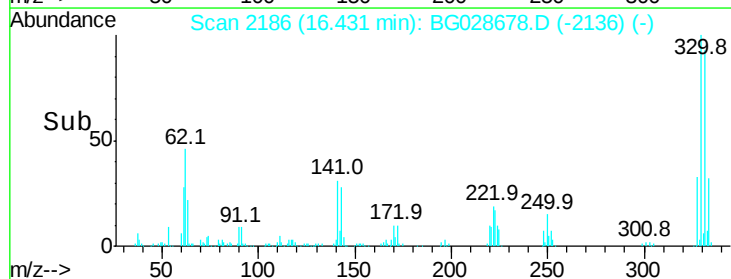
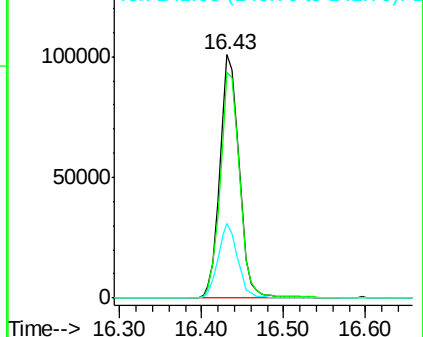
141 30.9 32.1 48.1#

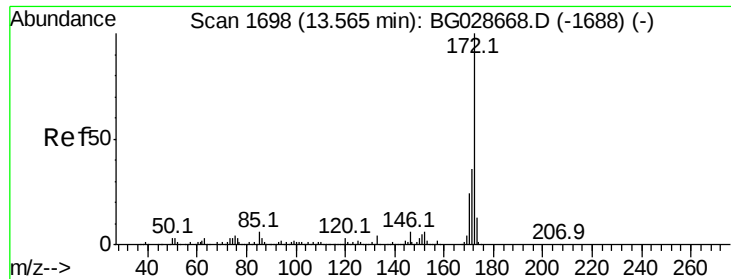


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

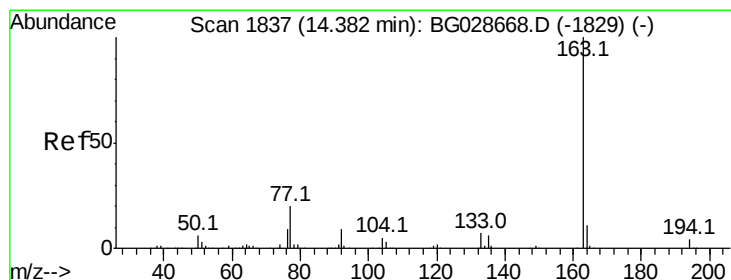
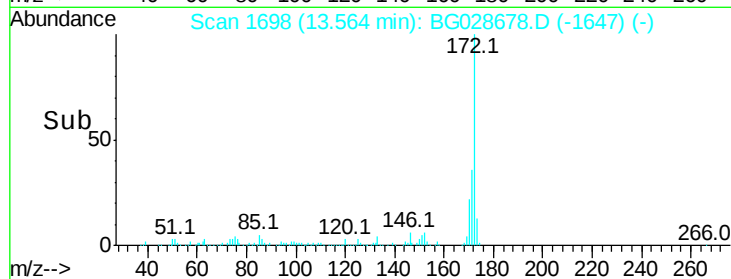
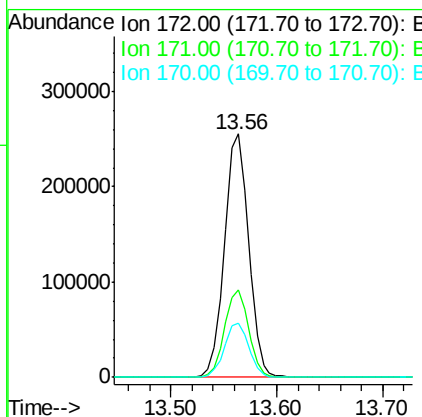
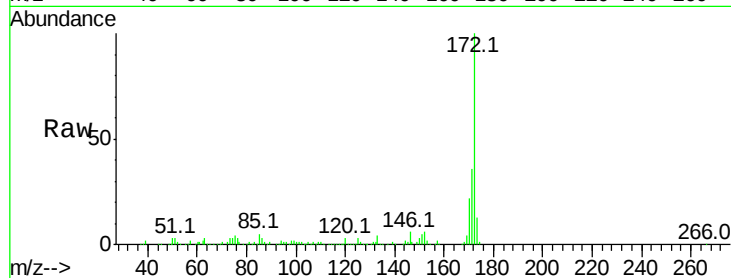




#44
2-Fluorobiphenyl
Concen: 64.463 ng
RT: 13.56 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

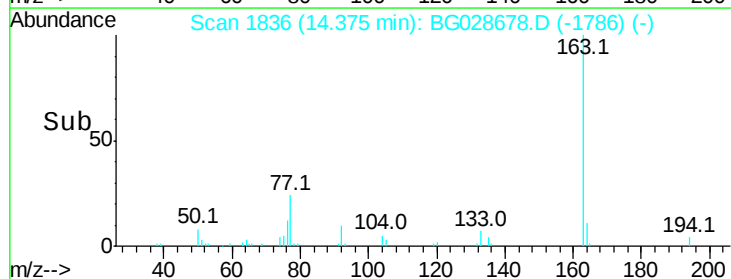
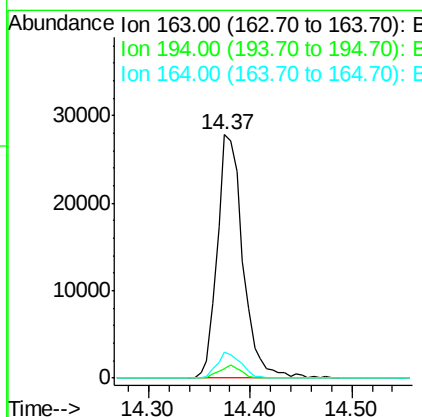
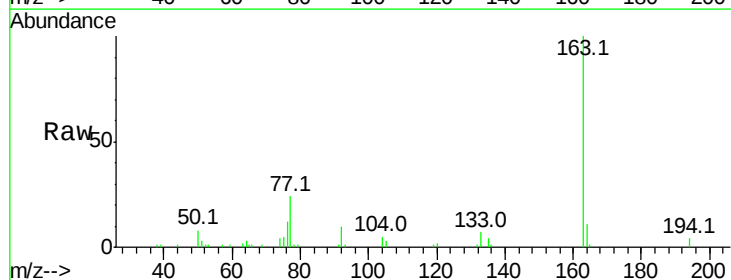
Instrument :
BNA_G
ClientSampleId :
S32-9021

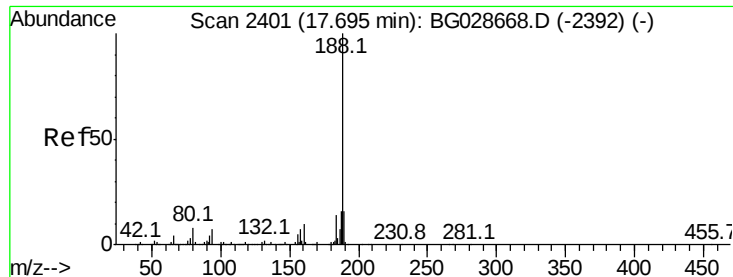
Tot Ion:172 Resp: 404101
Ion Ratio Lower Upper
172 100
171 36.0 32.2 48.2
170 22.3 21.8 32.6



#49
Dimethylphthalate
Concen: 6.985 ng
RT: 14.37 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BG028678.D
Acq: 12 Sep 2017 20:30

Tgt Ion:163 Resp: 48963
Ion Ratio Lower Upper
163 100
194 3.9 3.8 5.6
164 10.7 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

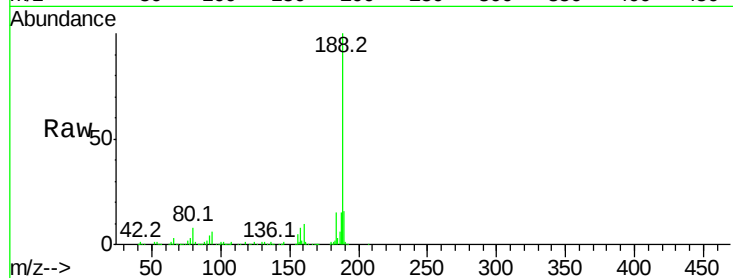
Tot Ion:188 Resp: 245980

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

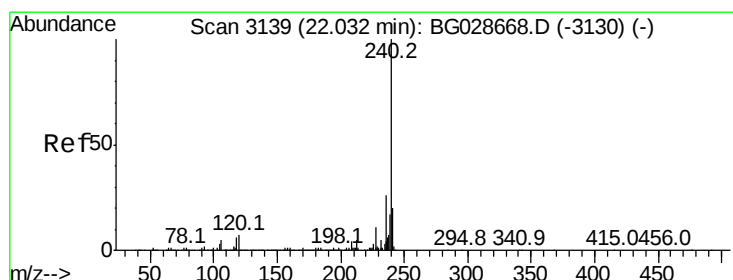
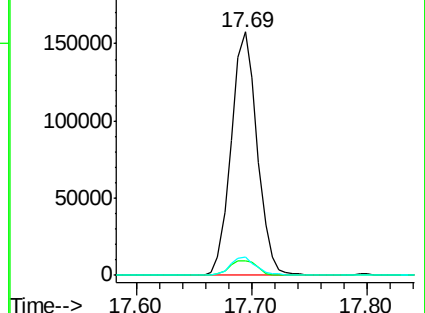
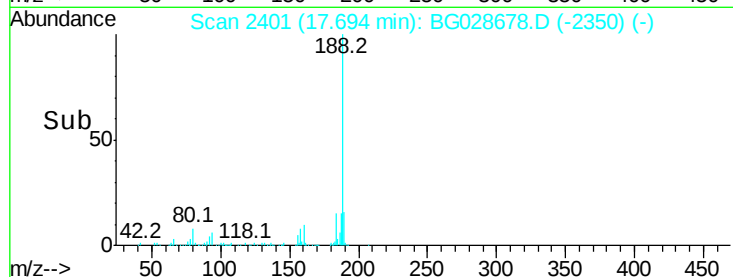
80 7.7 7.5 11.3



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

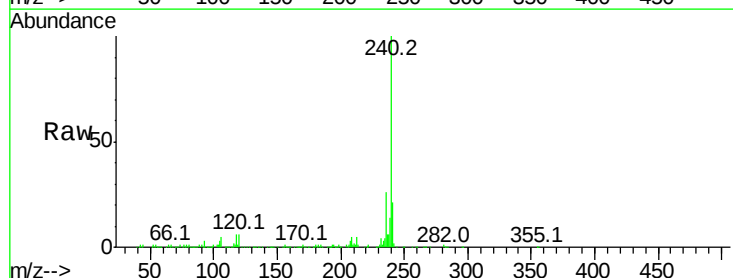
Tgt Ion:240 Resp: 285228

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

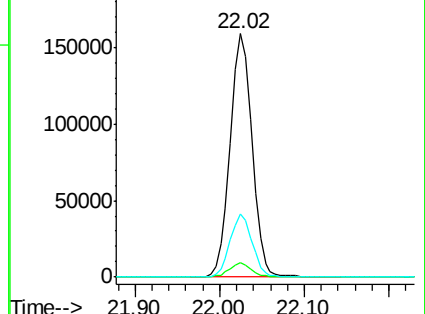
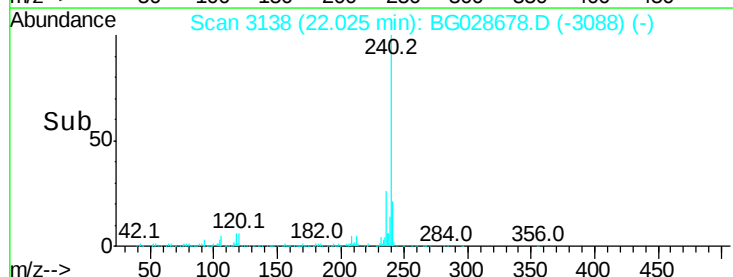
236 25.7 22.2 33.4

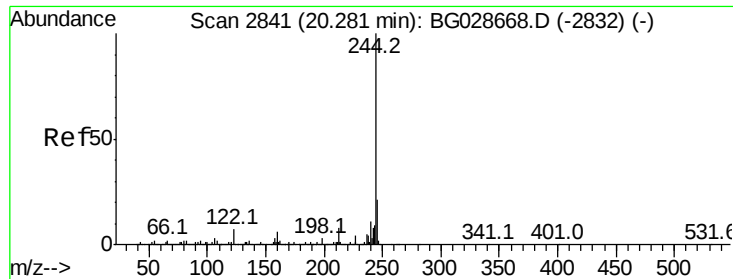


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.507 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

Instrument :

BNA_G

ClientSampleId :

S32-9021

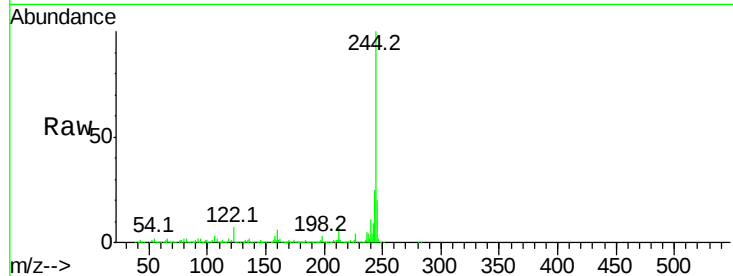
Tot Ion:244 Resp: 822645

Ion Ratio Lower Upper

244 100

212 7.3 10.0 15.0#

122 6.7 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

800000

600000

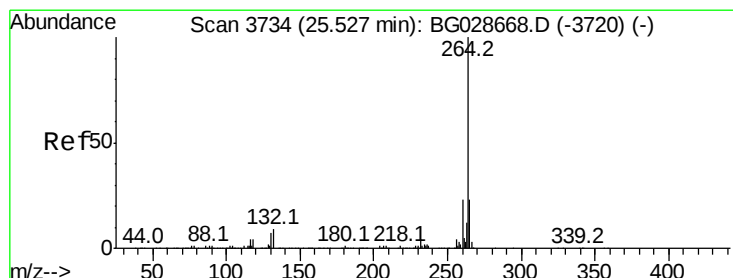
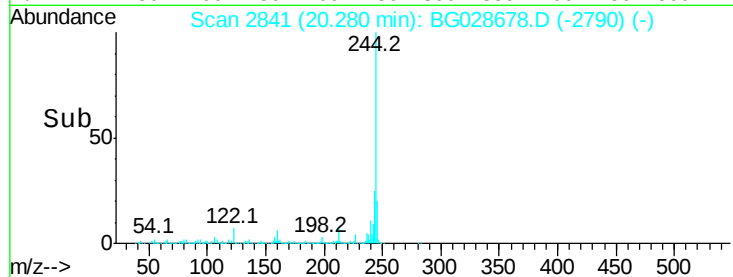
400000

200000

0

20.20 20.30 20.40

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.53 min Scan# 3734

Delta R.T. -0.00 min

Lab File: BG028678.D

Acq: 12 Sep 2017 20:30

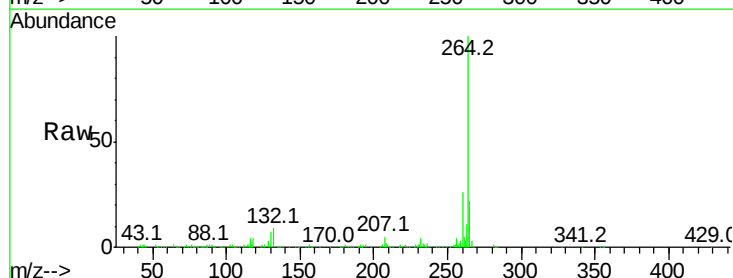
Tgt Ion:264 Resp: 295428

Ion Ratio Lower Upper

264 100

260 26.0 21.8 32.8

265 22.3 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

120000

100000

80000

60000

40000

20000

0

25.40 25.50 25.60

Time-->

