

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028844.D
 Acq On : 21 Sep 2017 5:50
 Operator : SJ/JU
 Sample : I5293-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-COMP

Quant Time: Sep 21 08:52:43 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	8.29	152	35989	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	147881	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	104438	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	280324	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	313231	20.00	ng	-0.05
86) Perylene-d12	25.45	264	304007	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	280674	128.69	ng	-0.04
7) Phenol-d6	7.45	99	336736	102.54	ng	-0.04
23) Nitrobenzene-d5	9.46	82	267944	86.68	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	221926	128.48	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	688313	87.88	ng	-0.04
78) Terphenyl-d14	20.25	244	1305076	88.85	ng	-0.03

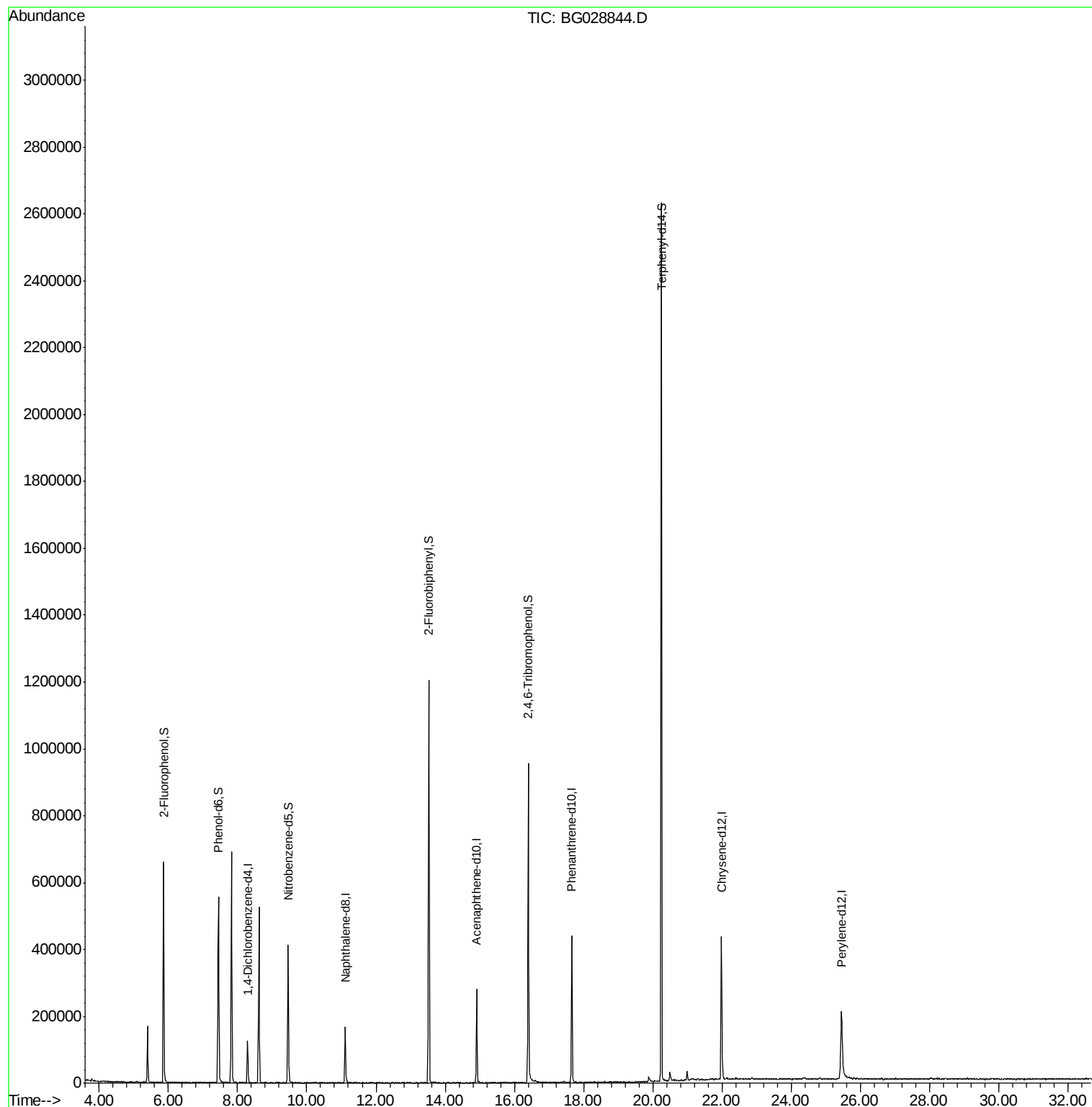
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028844.D

Acq: 21 Sep 2017 5:50

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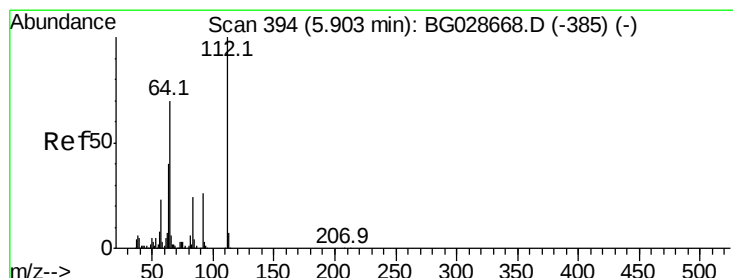
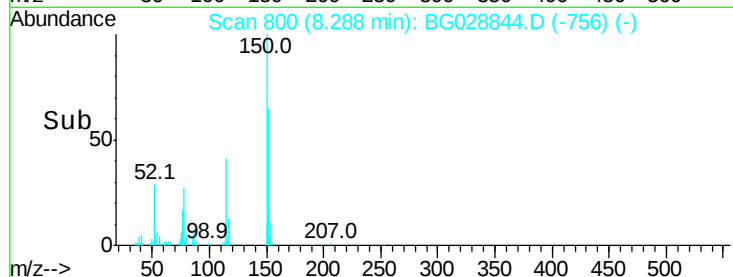
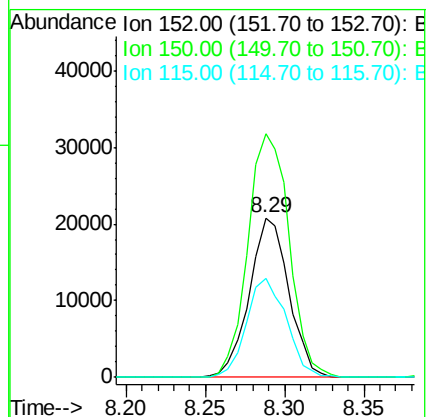
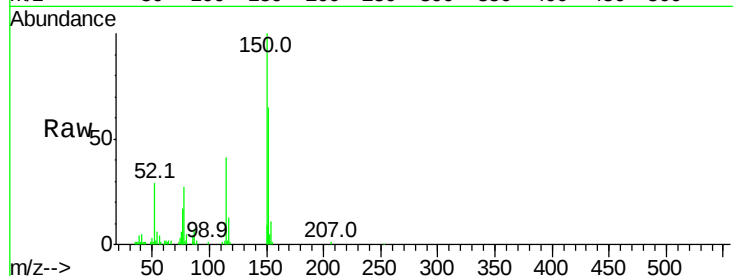
Tot Ion:152 Resp: 35989

Ion Ratio Lower Upper

152 100

150 152.8 114.0 171.0

115 62.0 48.1 72.1



#5

2-Fluorophenol

Concen: 128.685 ng

RT: 5.86 min Scan# 387

Delta R.T. -0.04 min

Lab File: BG028844.D

Acq: 21 Sep 2017 5:50

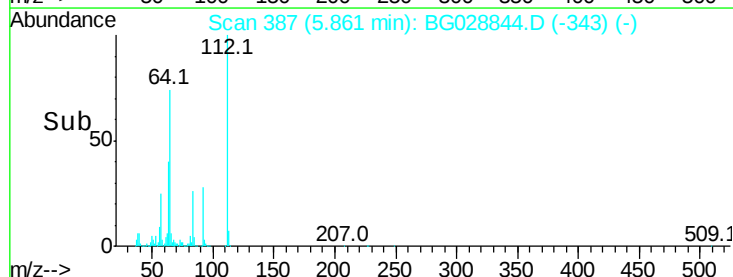
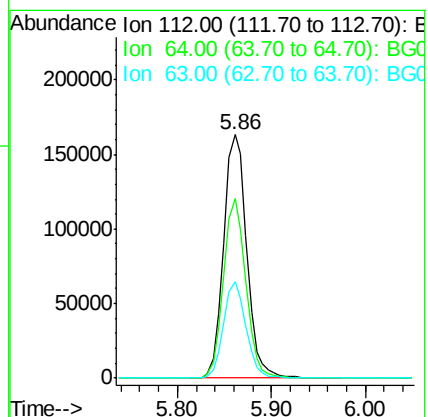
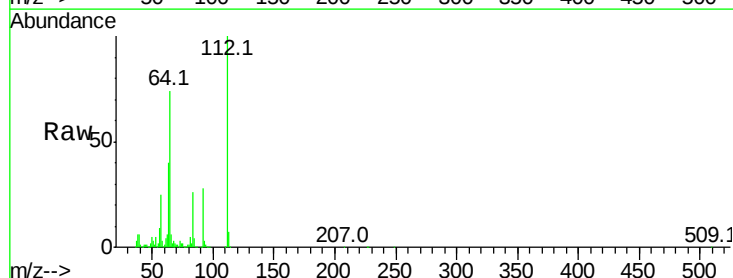
Tgt Ion:112 Resp: 280674

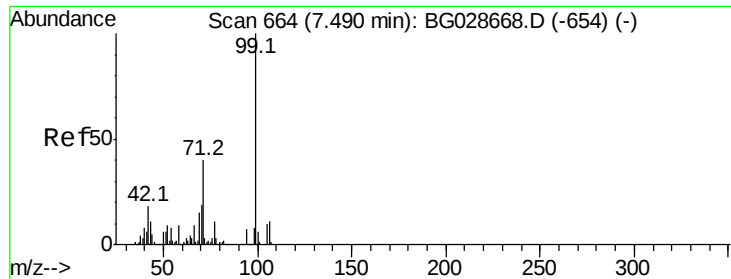
Ion Ratio Lower Upper

112 100

64 73.6 61.8 92.6

63 39.8 37.2 55.8





#7

Phenol-d6

Concen: 102.542 ng

RT: 7.45 min Scan# 657

Delta R.T. -0.04 min

Lab File: BG028844.D

Acq: 21 Sep 2017 5:50

Instrument :

BNA_G

ClientSampleId :

TP-2-COMP

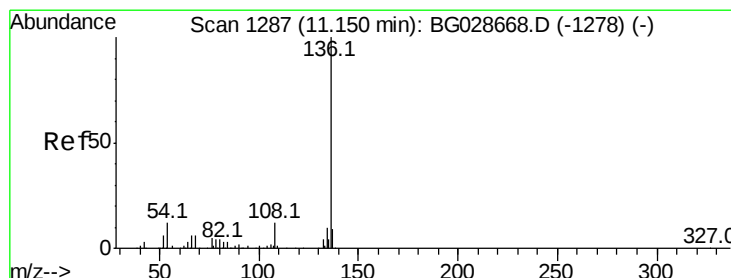
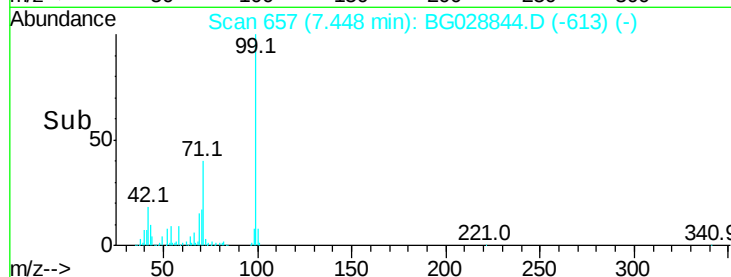
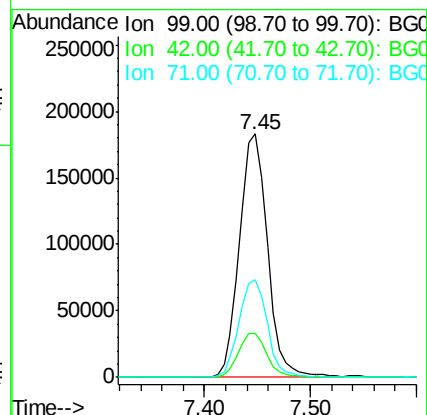
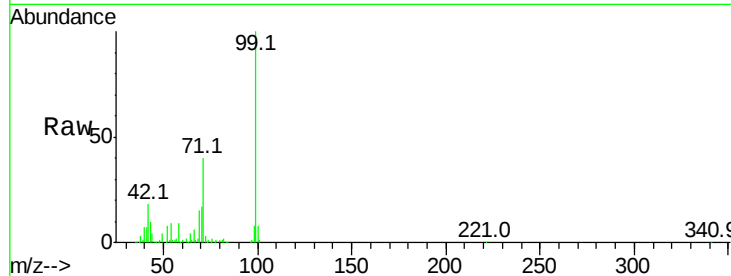
Tot Ion: 99 Resp: 336736

Ion Ratio Lower Upper

99 100

42 18.3 20.5 30.7#

71 40.0 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028844.D

Acq: 21 Sep 2017 5:50

Tgt Ion: 136 Resp: 147881

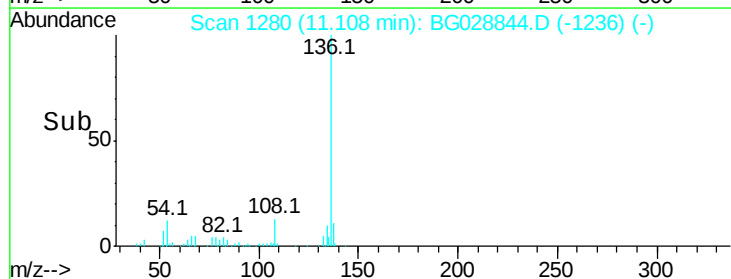
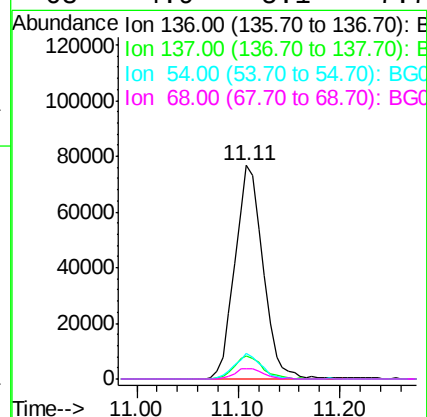
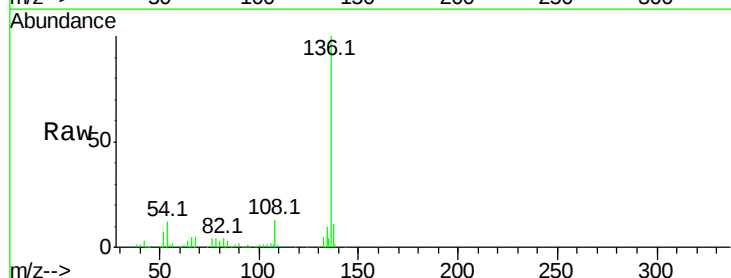
Ion Ratio Lower Upper

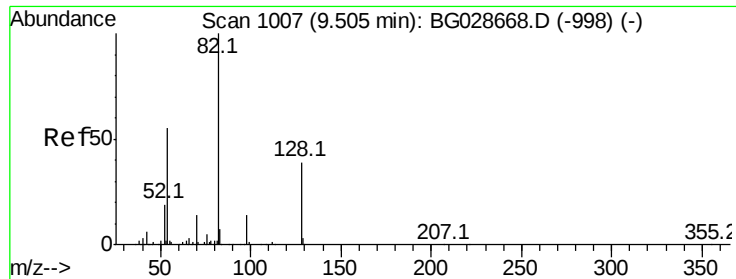
136 100

137 11.0 8.9 13.3

54 11.8 9.3 13.9

68 4.9 5.1 7.7#

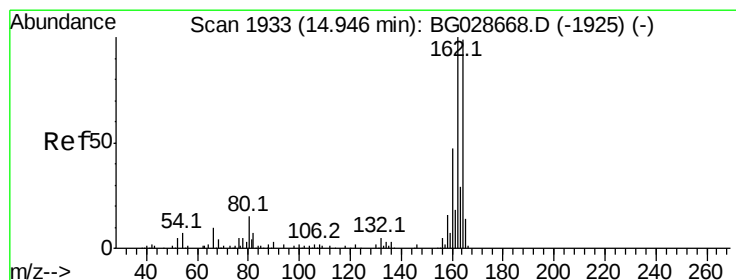
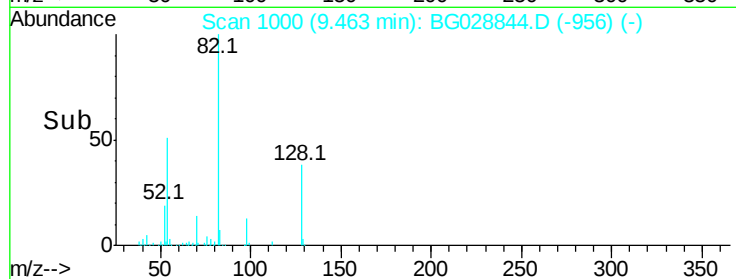
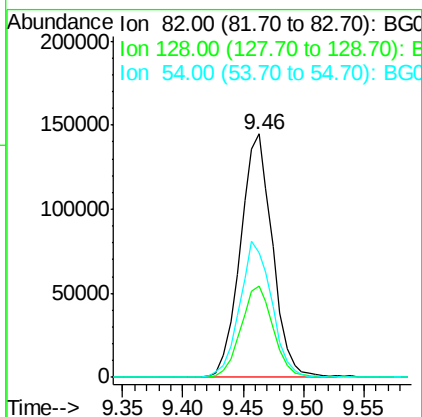
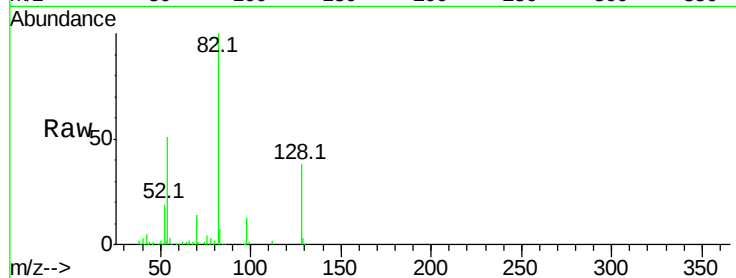




#23
Nitrobenzene-d5
Concen: 86.676 ng
RT: 9.46 min Scan# 1000
Delta R.T. -0.04 min
Lab File: BG028844.D
Acq: 21 Sep 2017 5:50

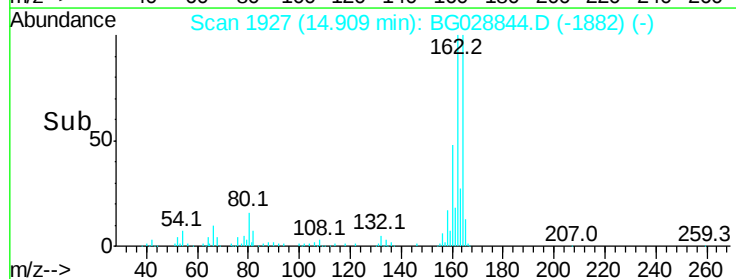
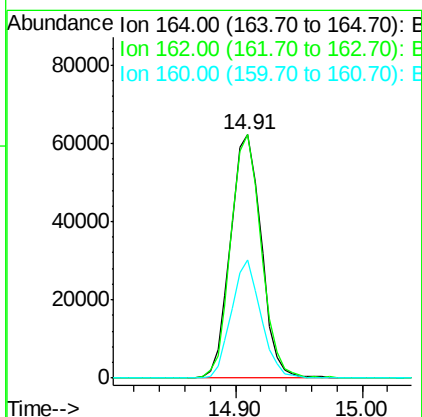
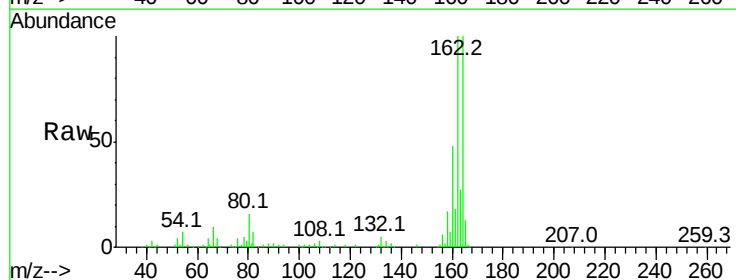
Instrument :
BNA_G
ClientSampleId :
TP-2-COMP

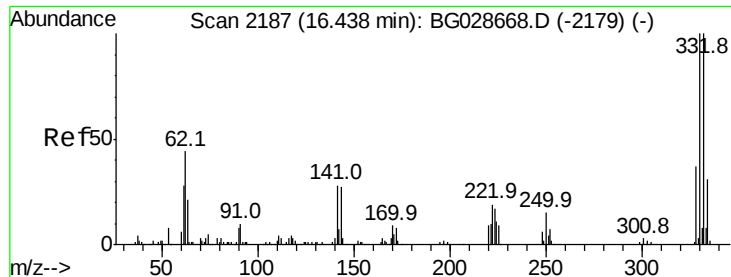
Tot Ion	82	Resp	267944
Ion	Ratio	Lower	Upper
82	100		
128	37.5	26.4	39.6
54	51.1	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1927
Delta R.T. -0.04 min
Lab File: BG028844.D
Acq: 21 Sep 2017 5:50

Tgt Ion	164	Resp	104438
Ion	Ratio	Lower	Upper
164	100		
162	99.8	85.1	127.7
160	48.4	34.7	52.1

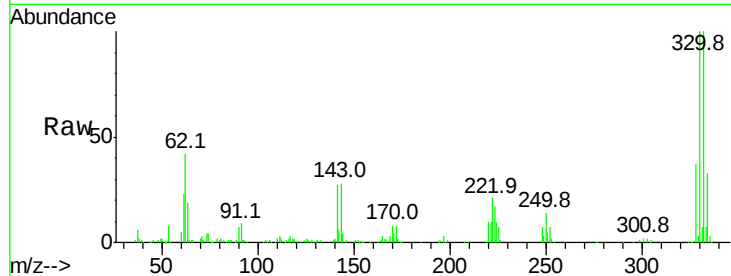




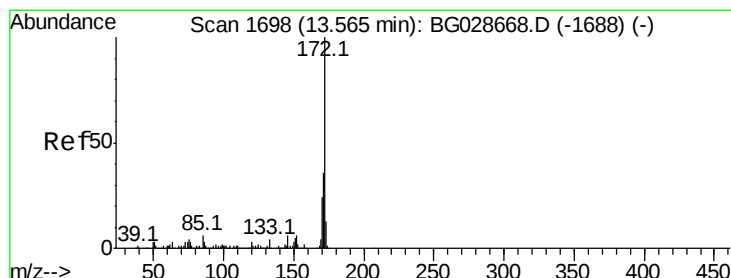
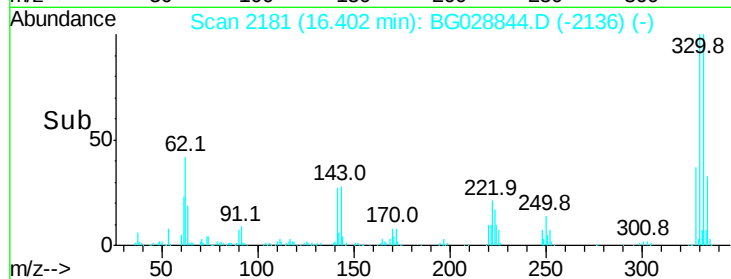
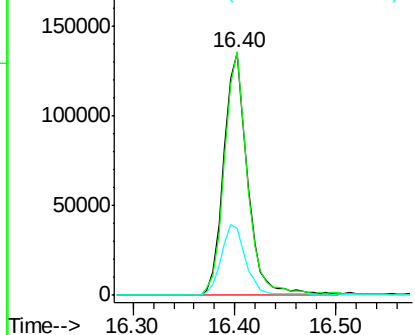
#41
 2,4,6-Tribromophenol
 Concen: 128.478 ng
 RT: 16.40 min Scan# 2181
 Delta R.T. -0.04 min
 Lab File: BG028844.D
 Acq: 21 Sep 2017 5:50

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-COMP

Tot Ion:330 Resp: 221926
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 30.5 32.1 48.1#

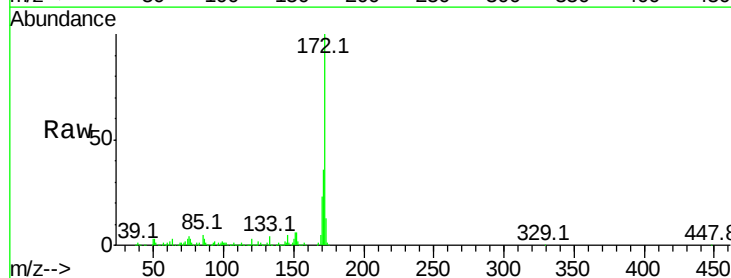


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

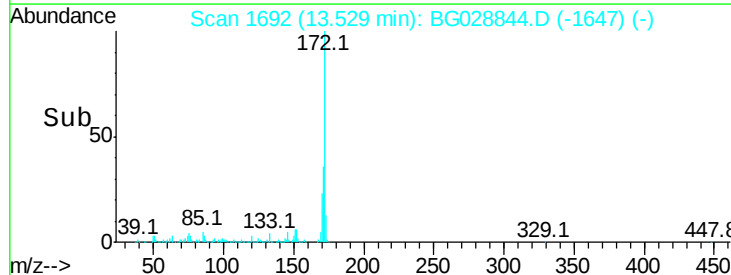
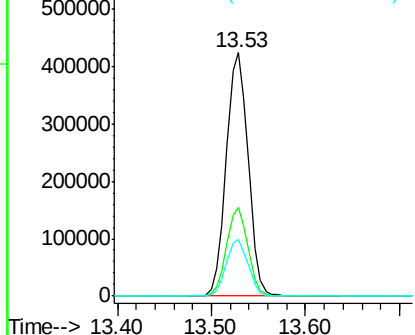


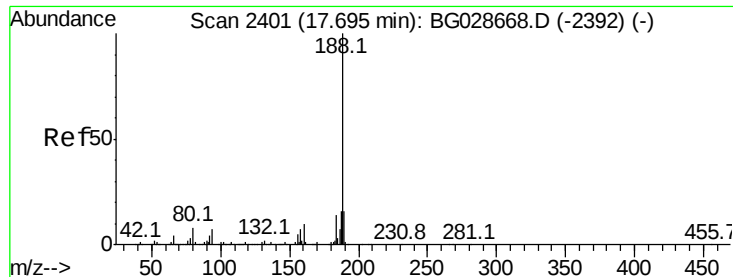
#44
 2-Fluorobiphenyl
 Concen: 87.881 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028844.D
 Acq: 21 Sep 2017 5:50

Tgt Ion:172 Resp: 688313
 Ion Ratio Lower Upper
 172 100
 171 36.2 32.2 48.2
 170 23.3 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

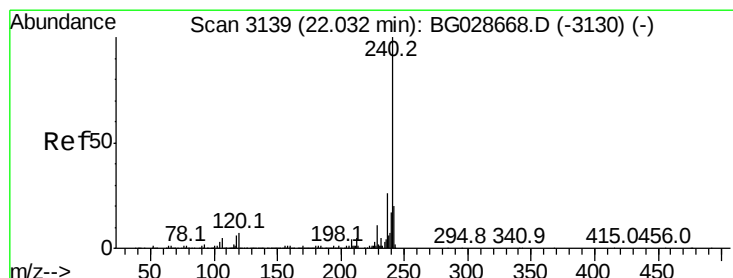
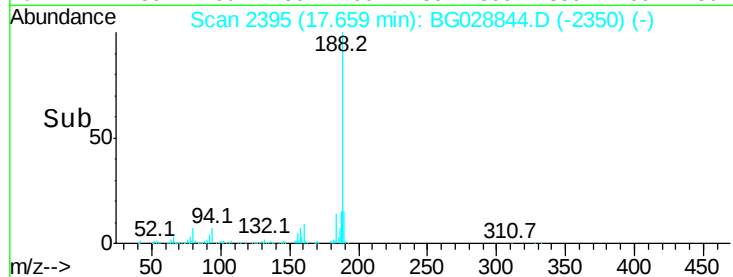
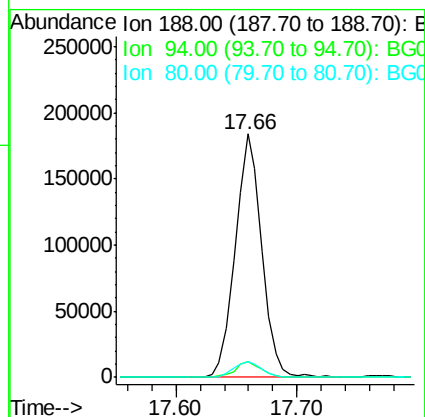
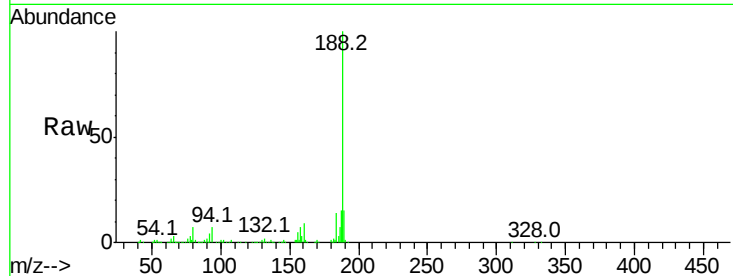




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028844.D
Acq: 21 Sep 2017 5:50

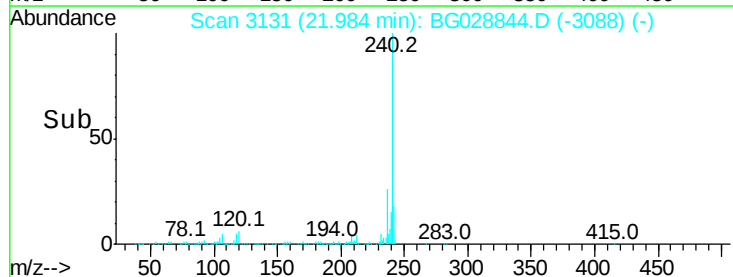
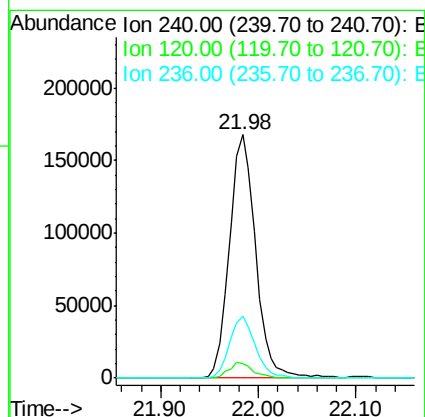
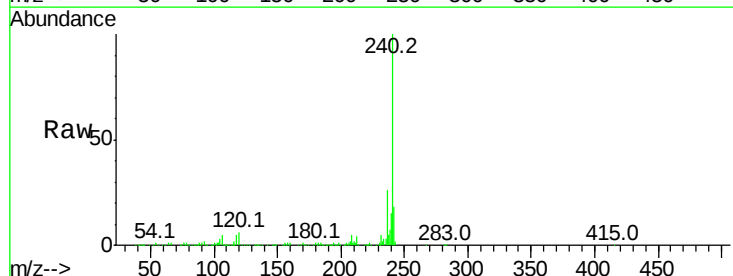
Instrument :
BNA_G
ClientSampleId :
TP-2-COMP

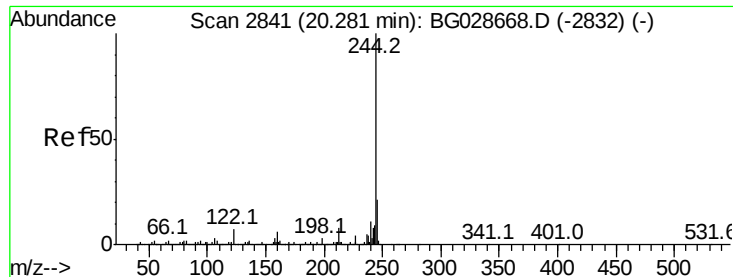
Tot Ion:188 Resp: 280324
Ion Ratio Lower Upper
188 100
94 6.7 5.8 8.8
80 6.7 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.98 min Scan# 3131
Delta R.T. -0.05 min
Lab File: BG028844.D
Acq: 21 Sep 2017 5:50

Tgt Ion:240 Resp: 313231
Ion Ratio Lower Upper
240 100
120 5.7 5.7 8.5
236 25.6 22.2 33.4





#78

Terphenyl-d14

Concen: 88.853 ng

RT: 20.25 min Scan# 2836

Delta R.T. -0.03 min

Lab File: BG028844.D

Acq: 21 Sep 2017 5:50

Instrument :

BNA_G

ClientSampleId :

TP-2-COMP

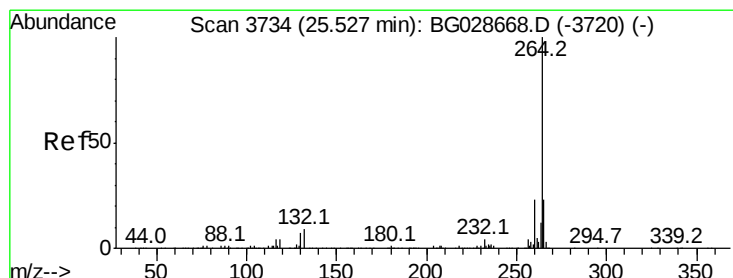
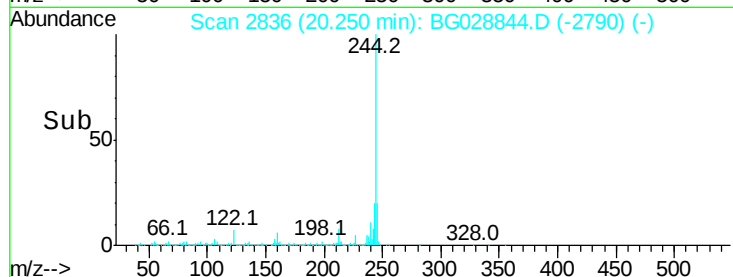
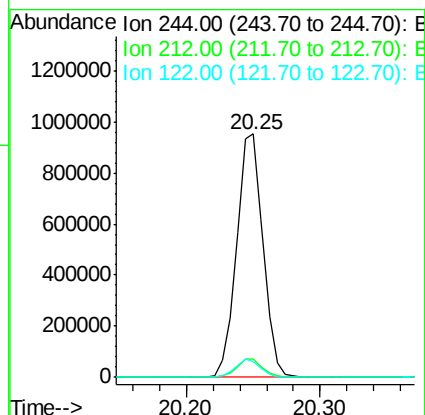
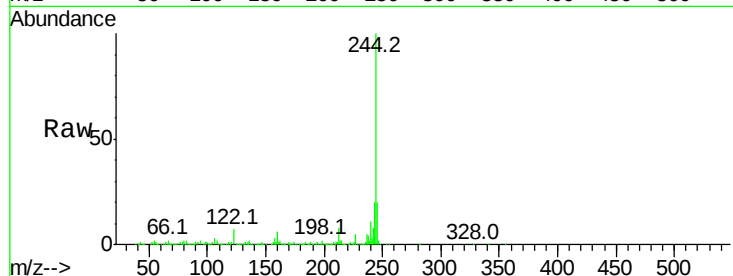
Tot Ion:244 Resp: 1305076

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

122 6.7 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.45 min Scan# 3721

Delta R.T. -0.08 min

Lab File: BG028844.D

Acq: 21 Sep 2017 5:50

Tgt Ion:264 Resp: 304007

Ion Ratio Lower Upper

264 100

260 25.5 21.8 32.8

265 21.8 18.2 27.4

