

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042263.D
 Acq On : 16 Aug 2019 17:18
 Operator : HP/JU
 Sample : K4264-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 REACTOR-3-C1-C4-(0-2)

Quant Time: Aug 17 00:18:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

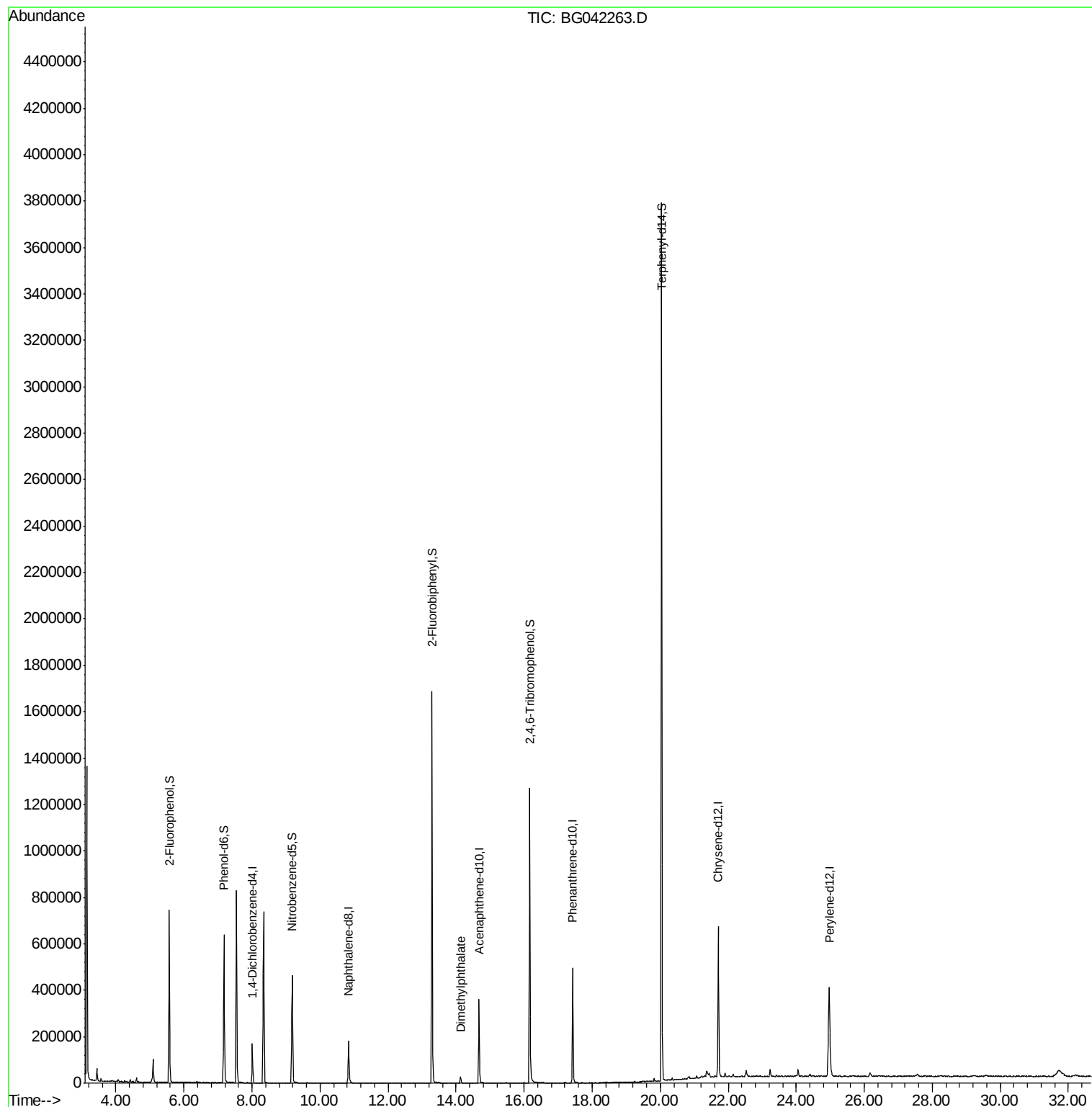
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	54769	20.00	ng	-0.03
21) Naphthalene-d8	10.84	136	207082	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	147065	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	355960	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	422589	20.00	ng	-0.03
87) Perylene-d12	24.97	264	487184	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	369770	131.36	ng	-0.02
7) Phenol-d6	7.18	99	443835	116.95	ng	-0.02
23) Nitrobenzene-d5	9.18	82	309863	102.97	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	322848	193.27	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	949704	113.90	ng	-0.03
79) Terphenyl-d14	20.04	244	1878954	101.74	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.13	163	33927	3.378	ng	Qvalue # 98

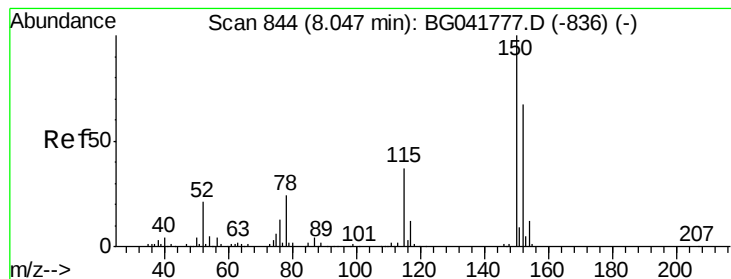
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.03 min

Lab File: BG042263.D

Acq: 16 Aug 2019 17:18

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)

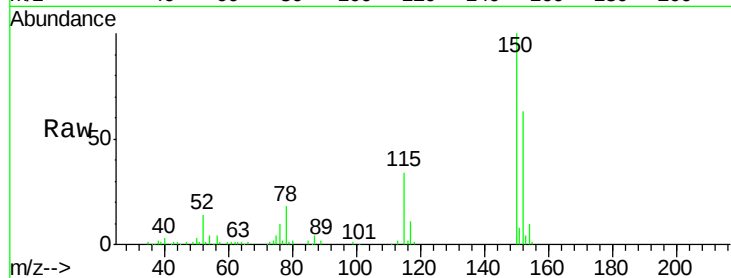
Tot Ion:152 Resp: 54769

Ion Ratio Lower Upper

152 100

150 159.2 126.9 190.3

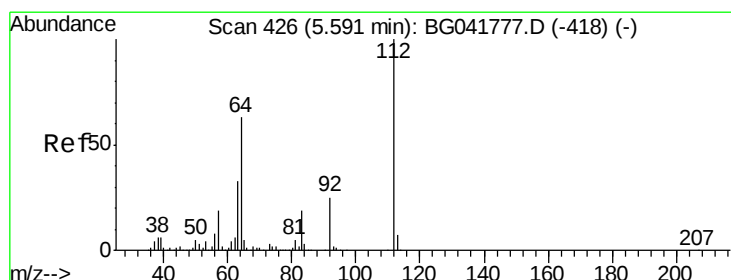
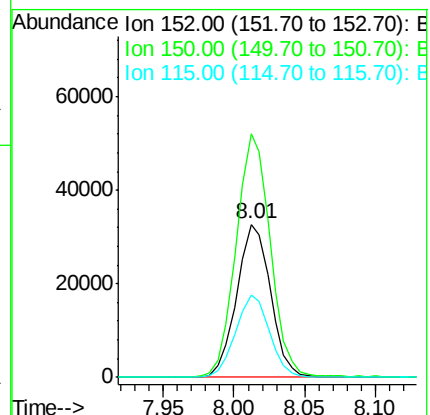
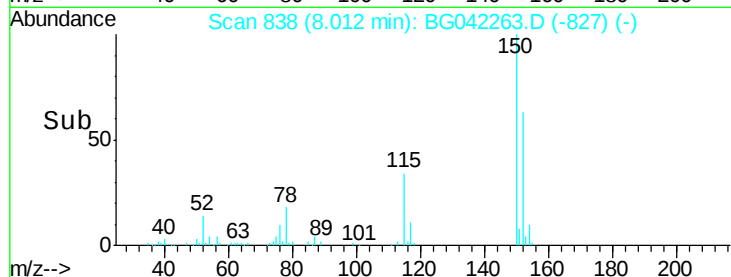
115 53.8 45.0 67.6



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: 131.358 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.02 min

Lab File: BG042263.D

Acq: 16 Aug 2019 17:18

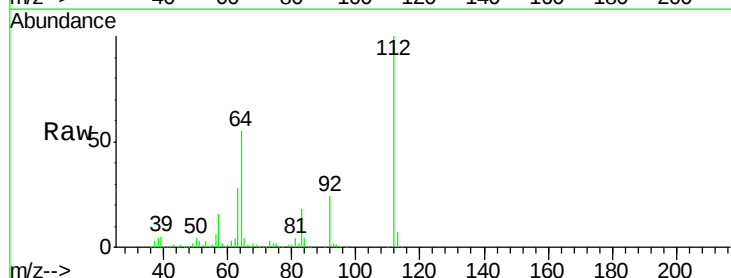
Tgt Ion:112 Resp: 369770

Ion Ratio Lower Upper

112 100

64 55.4 55.4 83.2#

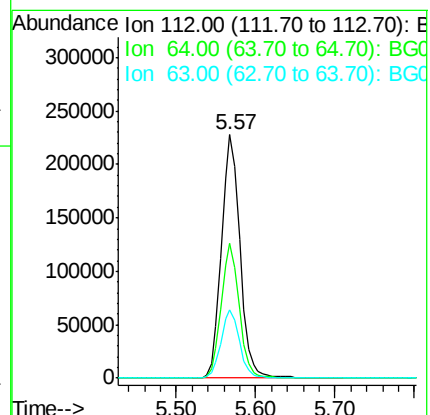
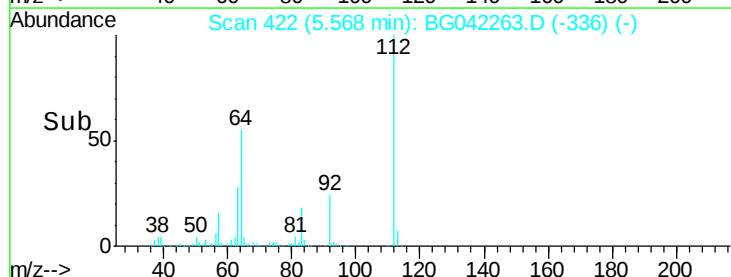
63 28.1 29.1 43.7#

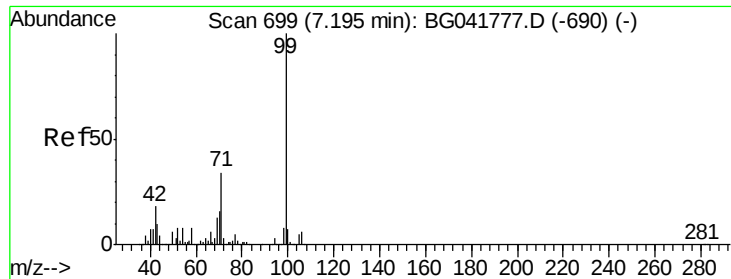


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.951 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.02 min

Lab File: BG042263.D

Acq: 16 Aug 2019 17:18

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)

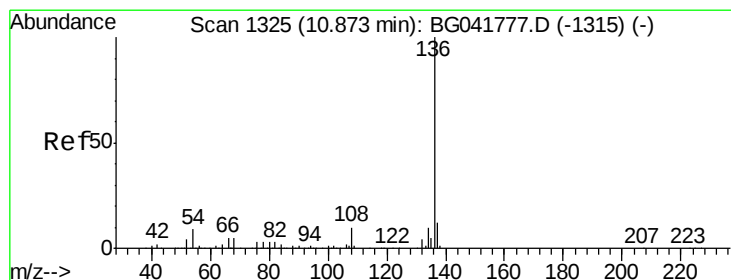
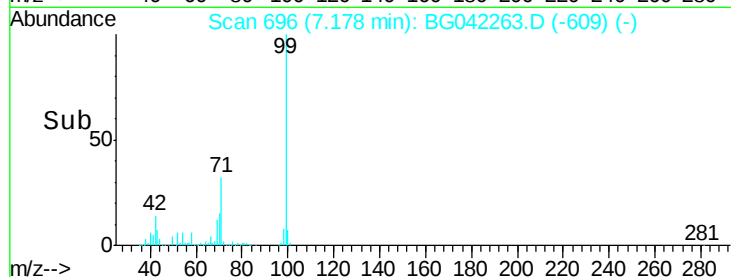
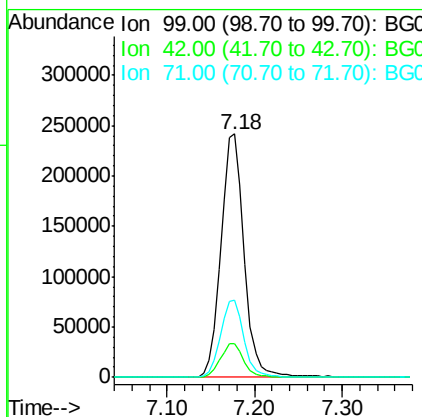
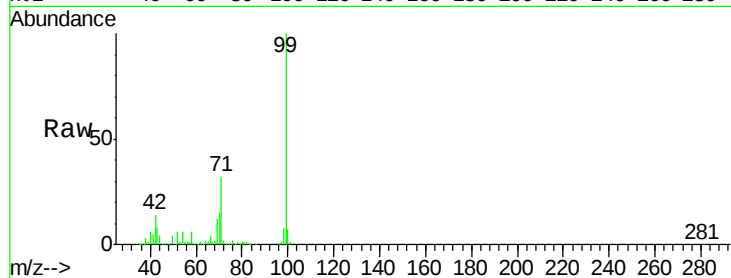
Tot Ion: 99 Resp: 443835

Ion Ratio Lower Upper

99 100

42 13.8 17.6 26.4#

71 31.6 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.03 min

Lab File: BG042263.D

Acq: 16 Aug 2019 17:18

Tgt Ion: 136 Resp: 207082

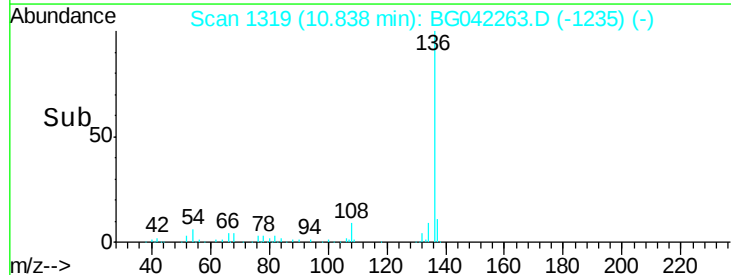
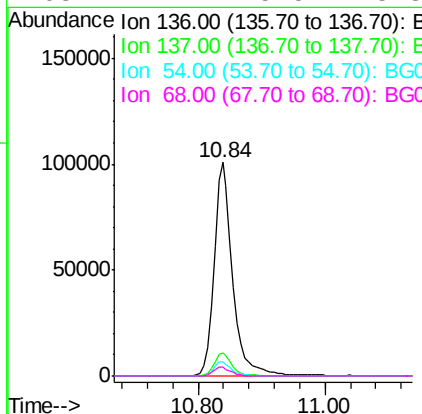
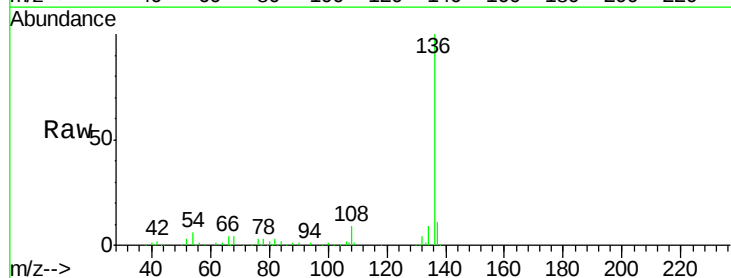
Ion Ratio Lower Upper

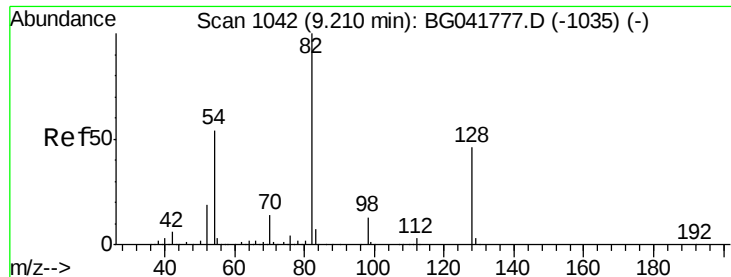
136 100

137 10.5 9.2 13.8

54 6.5 8.7 13.1#

68 4.2 5.5 8.3#

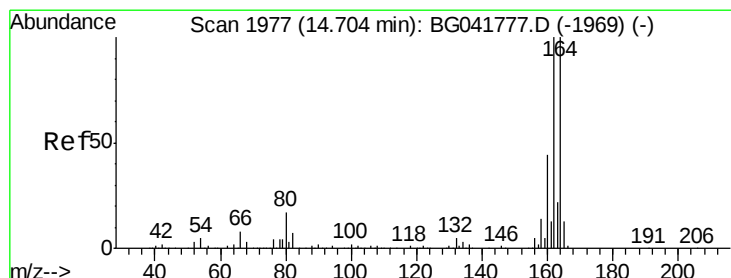
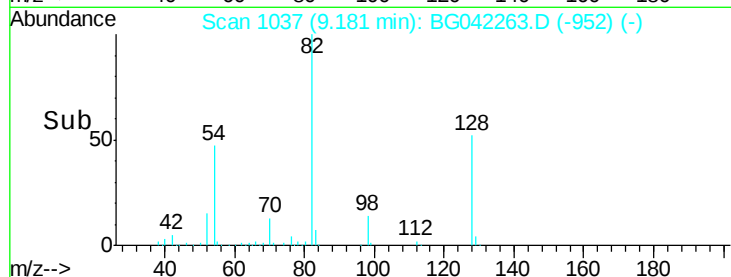
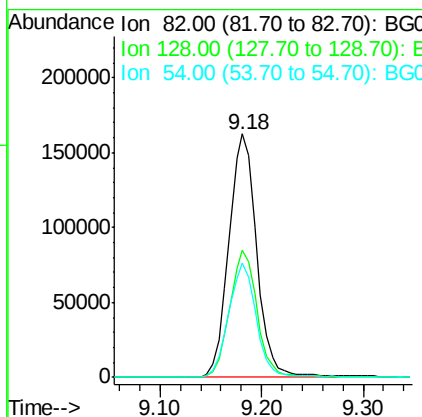
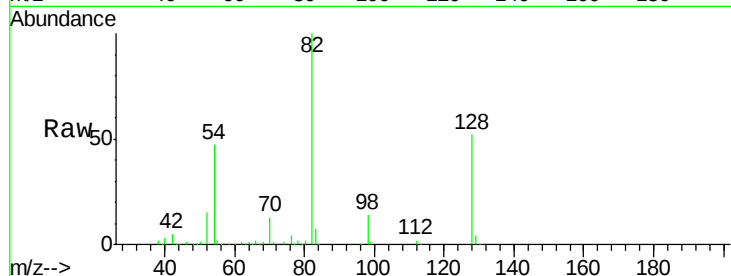




#23
Nitrobenzene-d5
Concen: 102.972 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BG042263.D
Acq: 16 Aug 2019 17:18

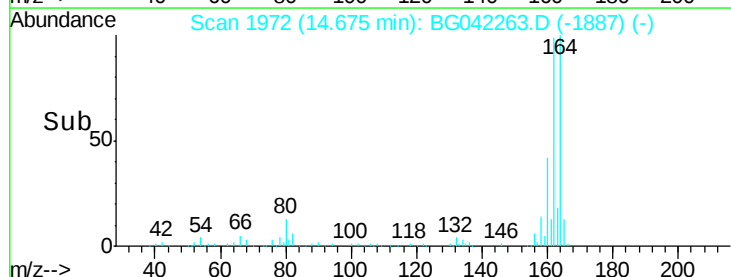
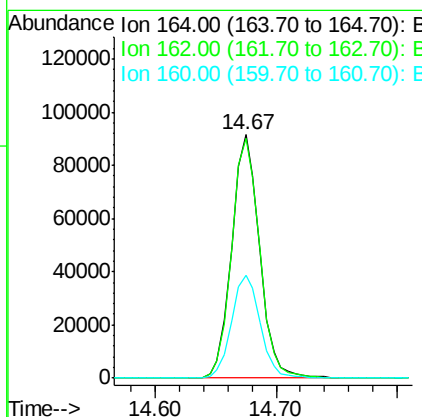
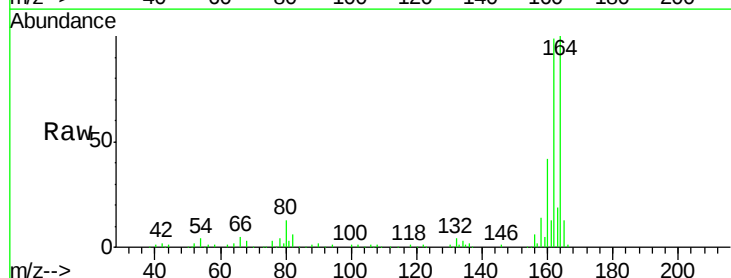
Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)

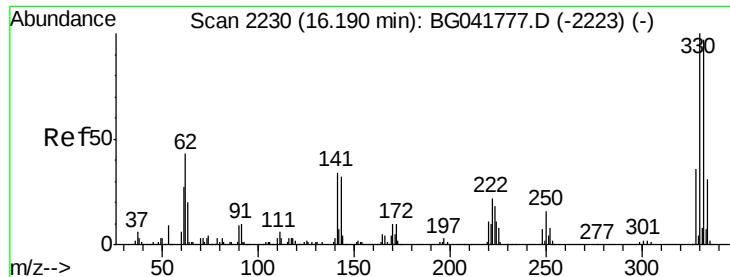
Tot Ion: 82 Resp: 309863
Ion Ratio Lower Upper
82 100
128 52.2 35.1 52.7
54 47.0 48.7 73.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG042263.D
Acq: 16 Aug 2019 17:18

Tgt Ion: 164 Resp: 147065
Ion Ratio Lower Upper
164 100
162 98.6 79.6 119.4
160 42.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 193.269 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG042263.D

Acq: 16 Aug 2019 17:18

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)

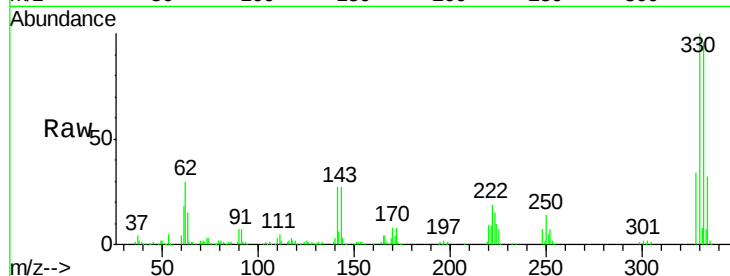
Tot Ion:330 Resp: 322848

Ion Ratio Lower Upper

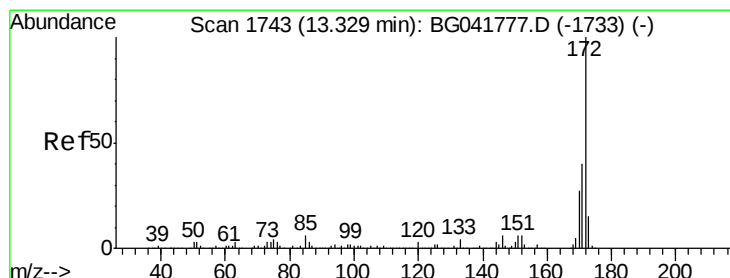
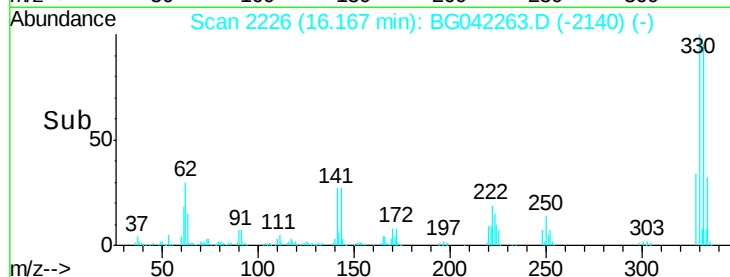
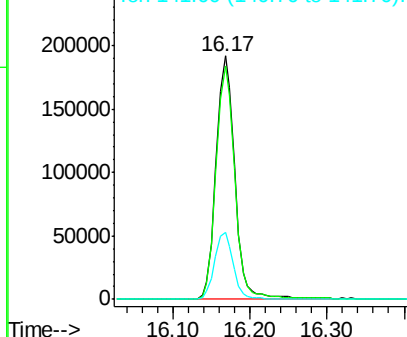
330 100

332 97.1 77.4 116.0

141 27.2 31.9 47.9#



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



#45

2-Fluorobiphenyl

Concen: 113.896 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG042263.D

Acq: 16 Aug 2019 17:18

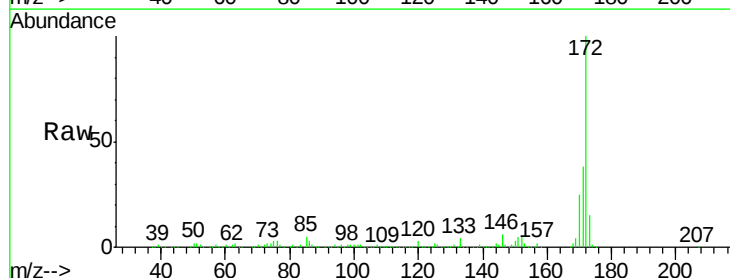
Tgt Ion:172 Resp: 949704

Ion Ratio Lower Upper

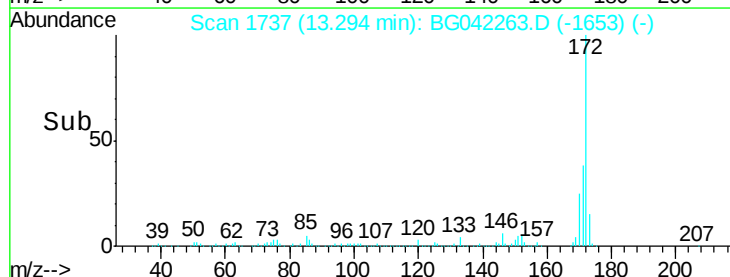
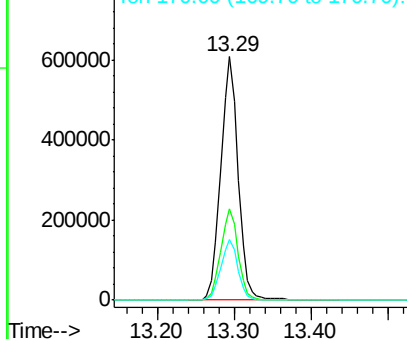
172 100

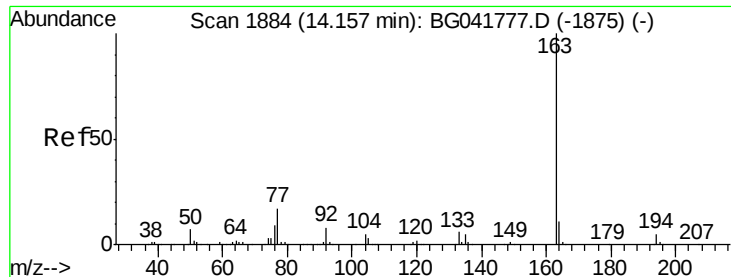
171 37.6 35.0 52.4

170 24.9 23.5 35.3



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





#50

Dimethylphthalate

Concen: 3.378 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.03 min

Lab File: BG042263.D

Acq: 16 Aug 2019 17:18

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)

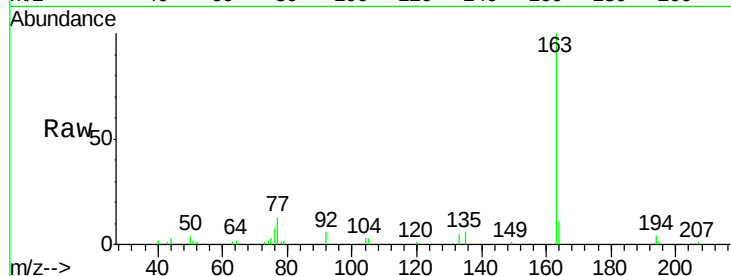
Tot Ion:163 Resp: 33927

Ion Ratio Lower Upper

163 100

194 3.7 4.2 6.2#

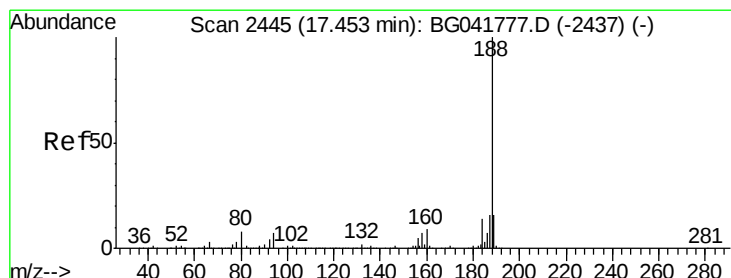
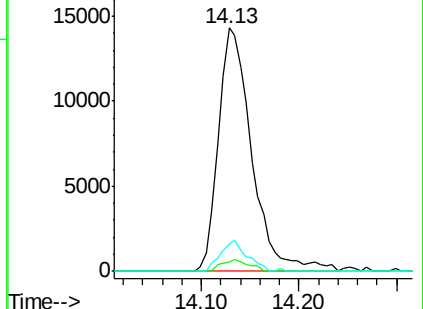
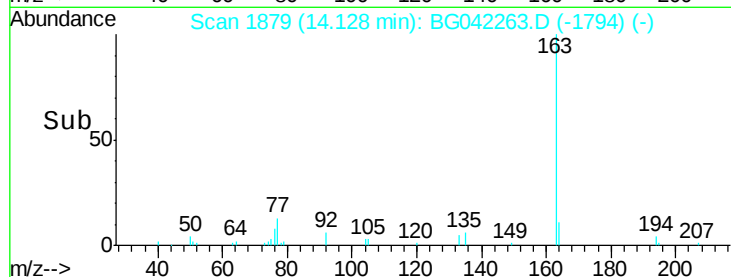
164 11.3 9.4 14.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG042263.D

Acq: 16 Aug 2019 17:18

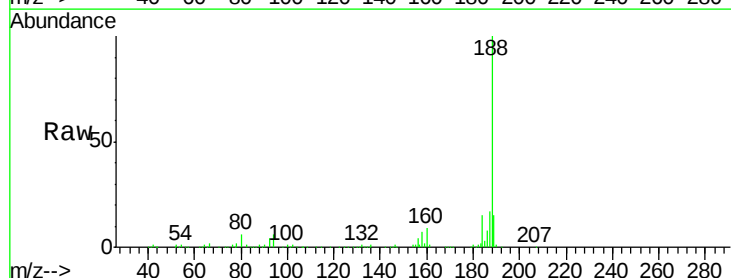
Tgt Ion:188 Resp: 355960

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

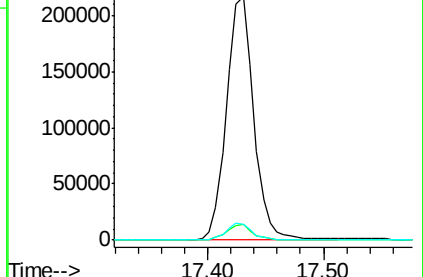
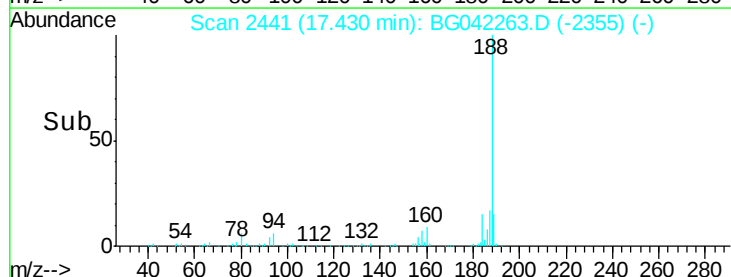
80 6.3 8.0 12.0#

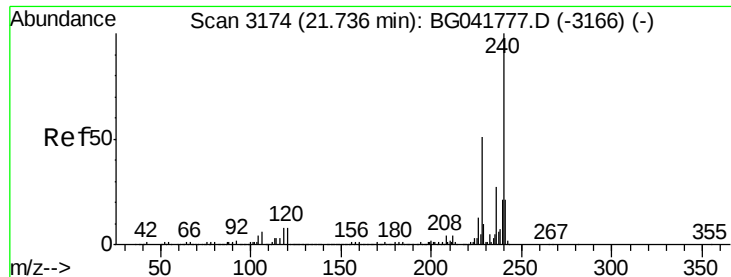


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.03 min

Lab File: BG042263.D

Acq: 16 Aug 2019 17:18

Instrument :

BNA_G

ClientSampleId :

REACTOR-3-C1-C4-(0-2)

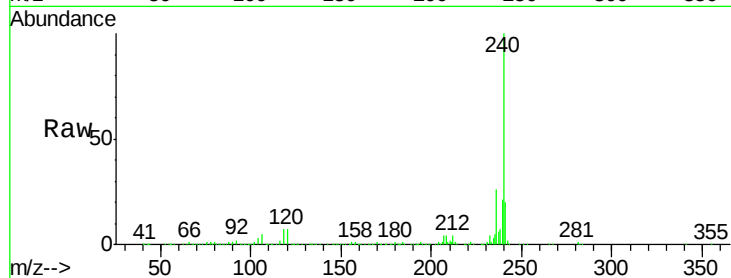
Tot Ion:240 Resp: 422589

Ion Ratio Lower Upper

240 100

120 7.3 8.0 12.0#

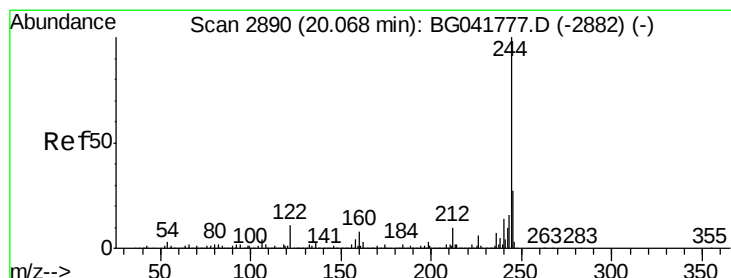
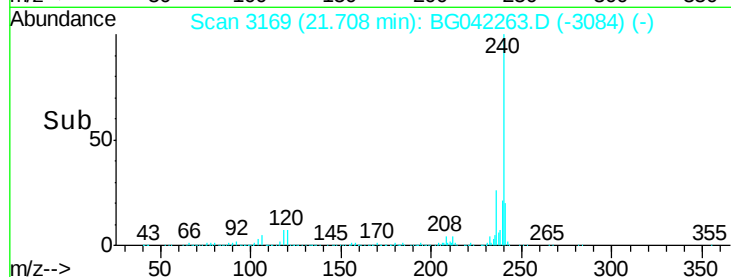
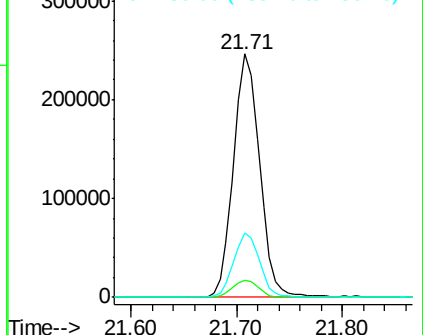
236 26.3 22.6 33.8



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



#79

Terphenyl-d14

Concen: 101.743 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.02 min

Lab File: BG042263.D

Acq: 16 Aug 2019 17:18

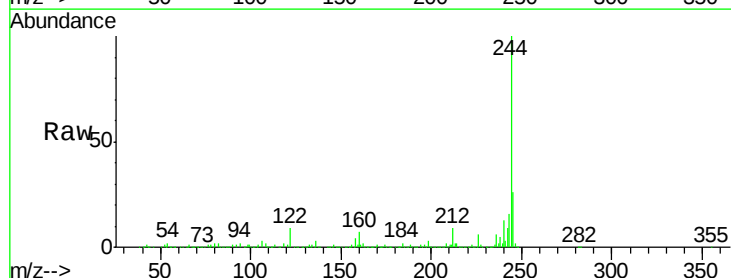
Tgt Ion:244 Resp: 1878954

Ion Ratio Lower Upper

244 100

212 8.7 9.7 14.5#

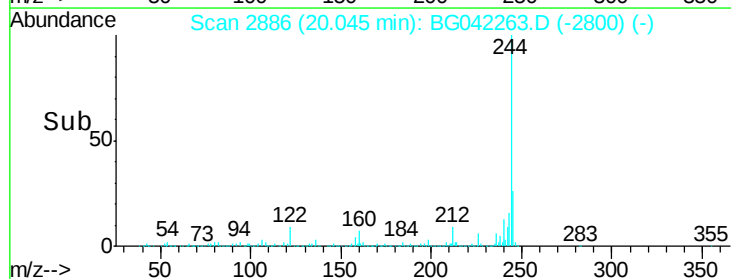
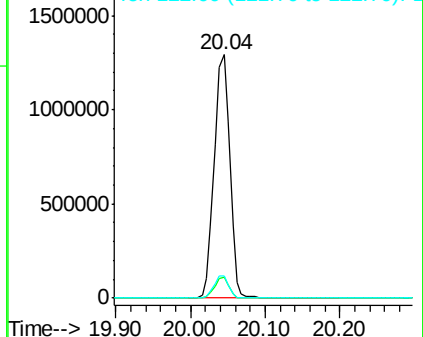
122 9.3 12.5 18.7#

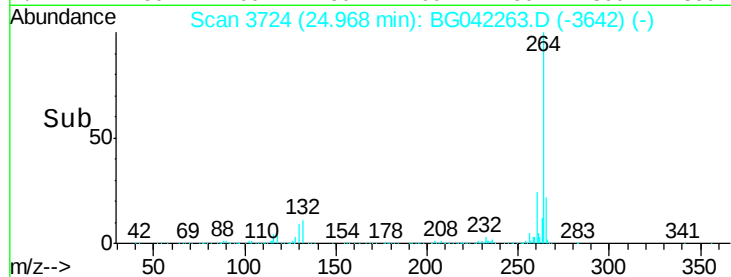
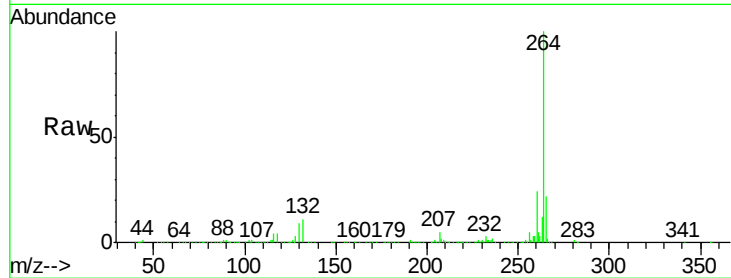
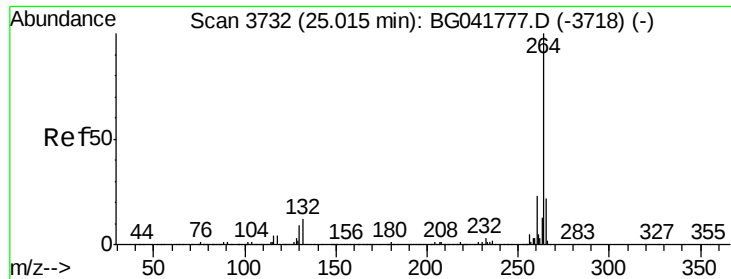


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.05 min
Lab File: BG042263.D
Acq: 16 Aug 2019 17:18

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.9	18.0	27.0

