

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046142.D
 Acq On : 1 Aug 2020 3:34
 Operator : CG/JU
 Sample : L3511-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Aug 01 07:18:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

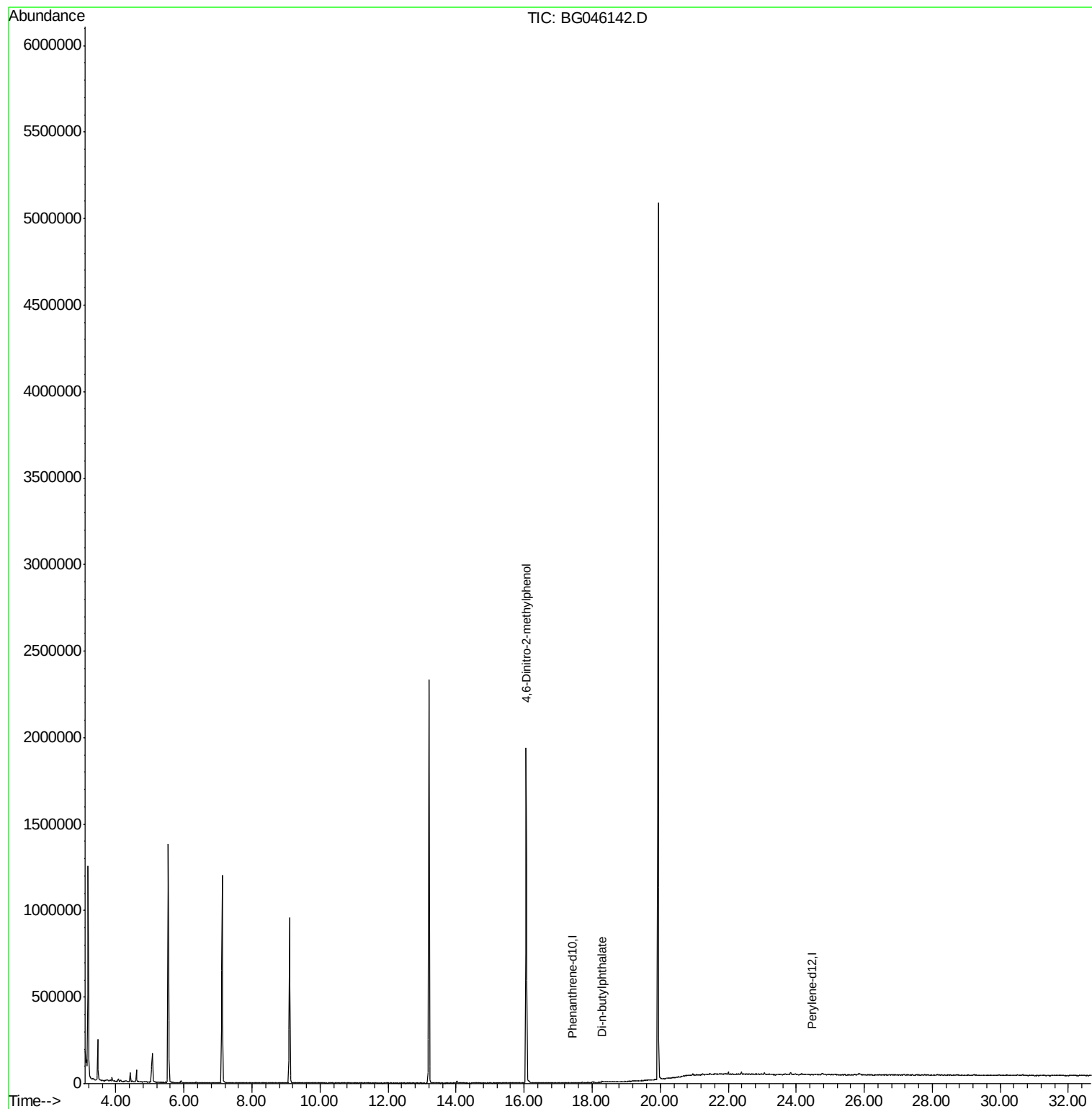
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.95
21) Naphthalene-d8	0.00	136	0m	20.00	ng	-10.75
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.58
64) Phenanthrene-d10	17.41	188	130	20.00	ng	0.09
76) Chrysene-d12	0.00	240	0	0.00	ng	-21.57
86) Perylene-d12	24.46	264	68	20.00	ng	-0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	597123	0.00	ng	0.00
7) Phenol-d6	7.12	99	695947	0.00	ng	0.00
23) Nitrobenzene-d5	9.10	82	579052	0.00	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	422754	0.00	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1253165	0.00	ng	0.00
79) Terphenyl-d14	19.93	244	2201243	0.00	ng	0.00
Target Compounds						
65) 4,6-Dinitro-2-methylphenol	16.07	198	1300	1512.058	ng	# 1
74) Di-n-butylphthalate	18.29	149	5371	752.305	ng	# 96

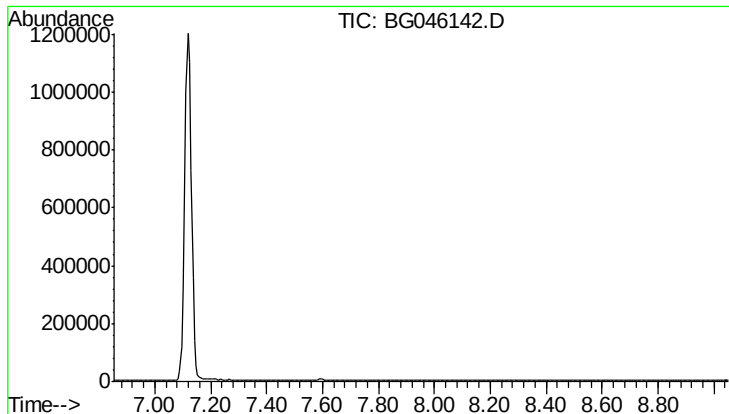
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 7.95 min

Lab File: BG046142.D

Acq: 1 Aug 2020 3:34

Instrument :

BNA_G

ClientSampleId :

TP-1

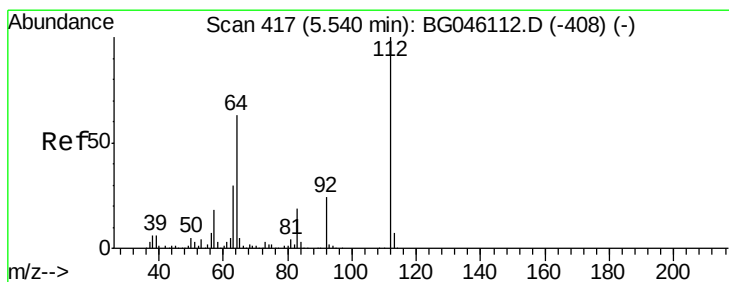
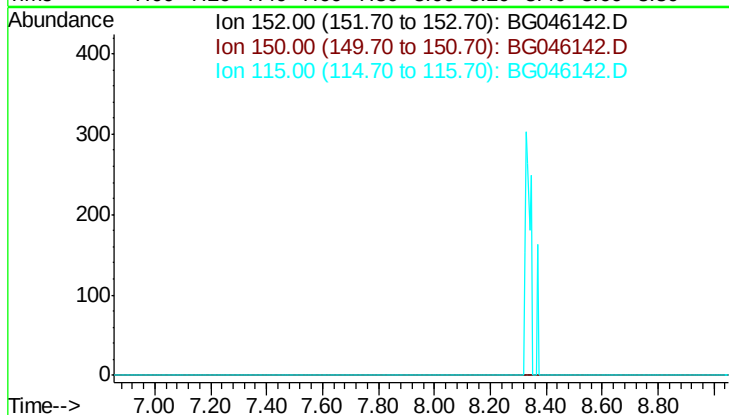
Tot Ion: 152

Sig Exp Ratio

152 100

150 152.6

115 54.0



#5

2-Fluorophenol

Concen: 0.000 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046142.D

Acq: 1 Aug 2020 3:34

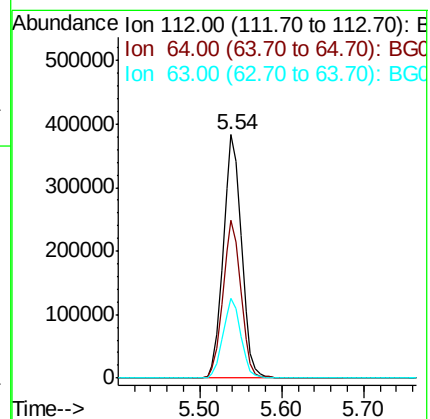
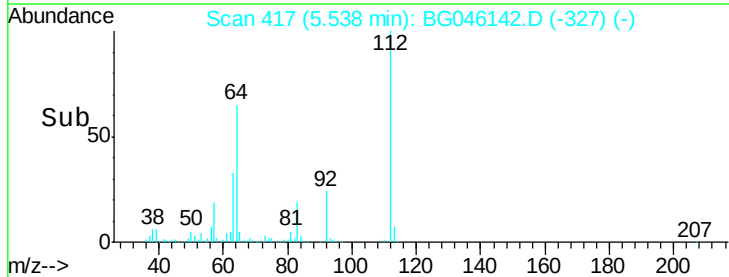
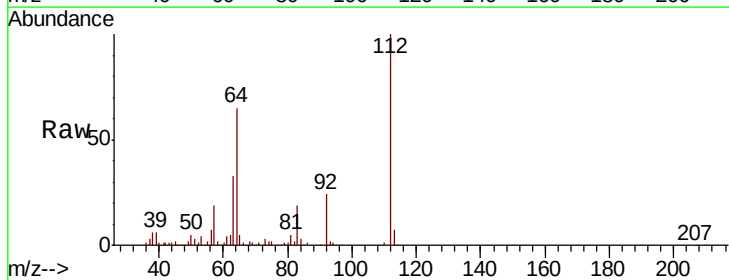
Tgt Ion:112 Resp: 597123

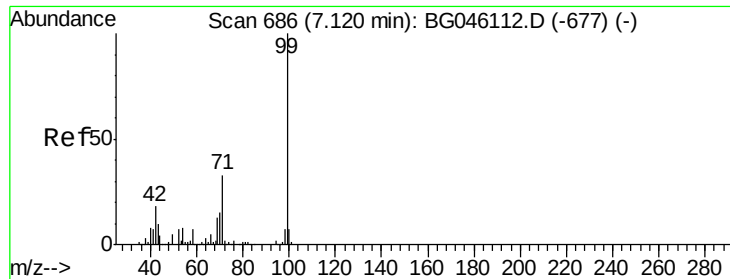
Ion Ratio Lower Upper

112 100

64 64.8 50.2 75.2

63 32.6 24.2 36.4





#7

Phenol-d6

Concen: 0.000 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046142.D

Acq: 1 Aug 2020 3:34

Instrument :

BNA_G

ClientSampled :

TP-1

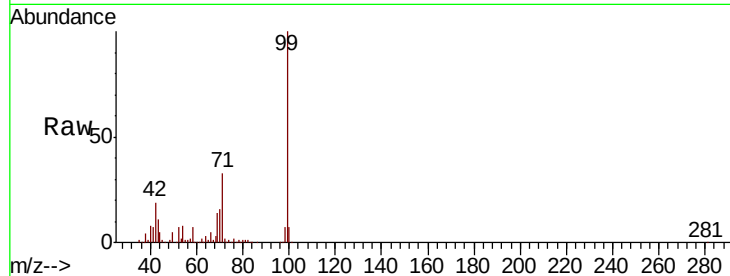
Tot Ion: 99 Resp: 695947

Ion Ratio Lower Upper

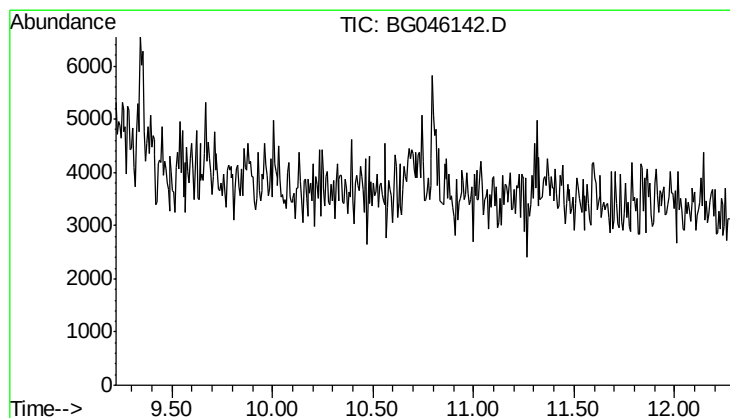
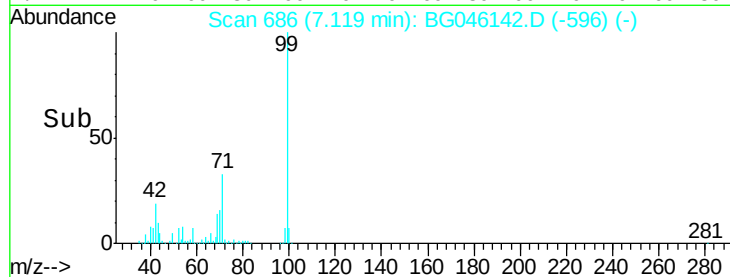
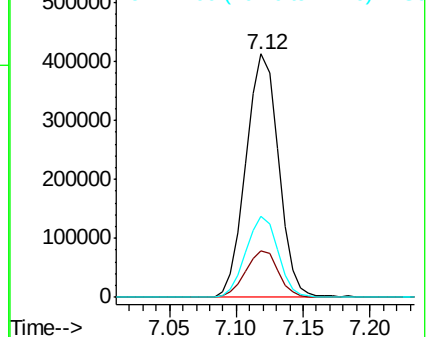
99 100

42 19.3 14.7 22.1

71 33.1 26.5 39.7



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: 0.000 ng

Expected RT: 10.75 min

Lab File: BG046142.D

Acq: 1 Aug 2020 3:34

Tgt Ion: 136

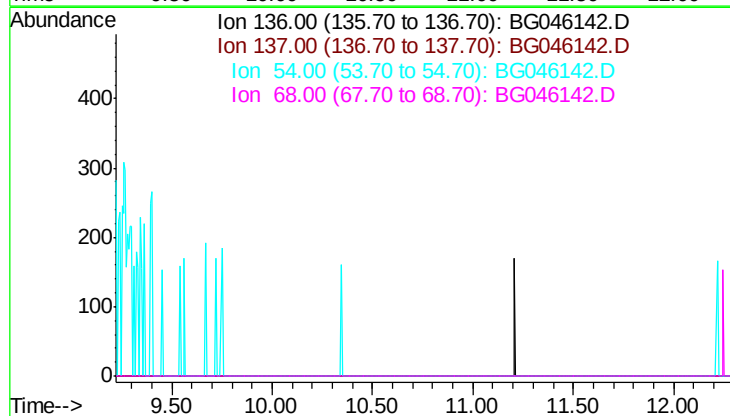
Sig Exp Ratio

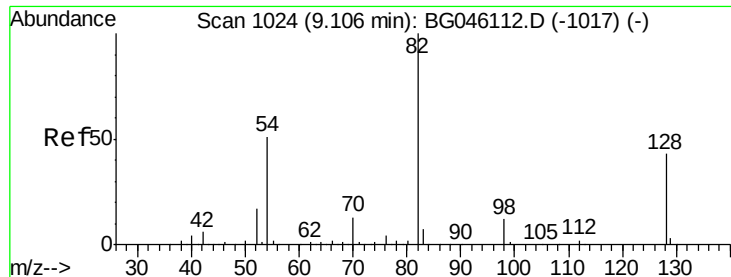
136 100

137 11.0

54 8.7

68 6.6

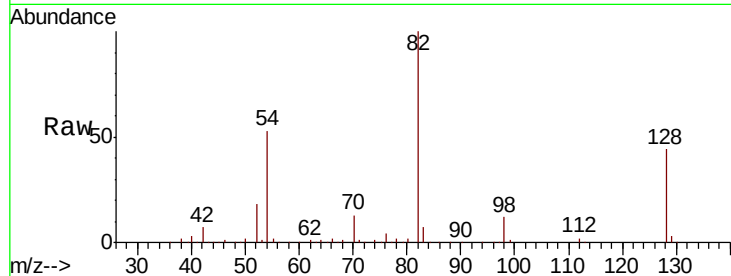




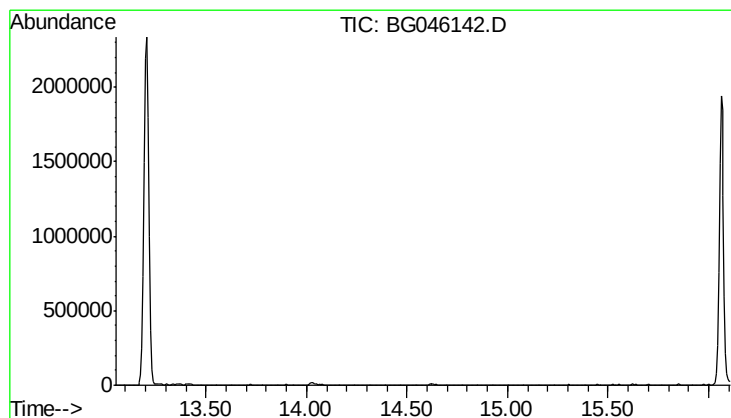
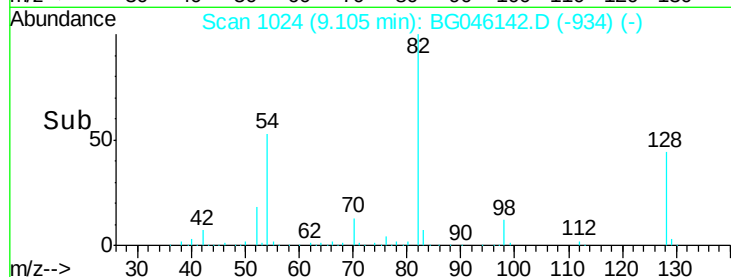
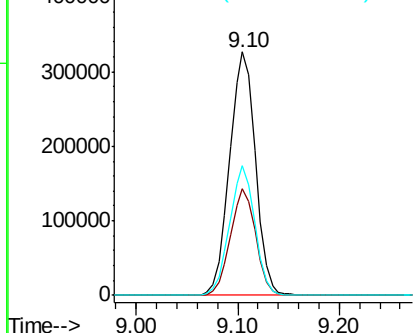
#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046142.D
Acq: 1 Aug 2020 3:34

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion: 82 Resp: 579052
Ion Ratio Lower Upper
82 100
128 43.7 34.4 51.6
54 53.5 40.8 61.2



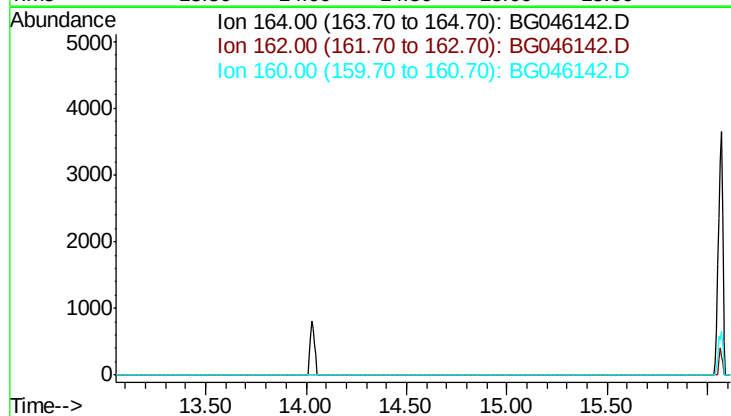
Abundance Ion 82.00 (81.70 to 82.70): BG046142.D
Ion 128.00 (127.70 to 128.70): BG046142.D
Ion 54.00 (53.70 to 54.70): BG046142.D

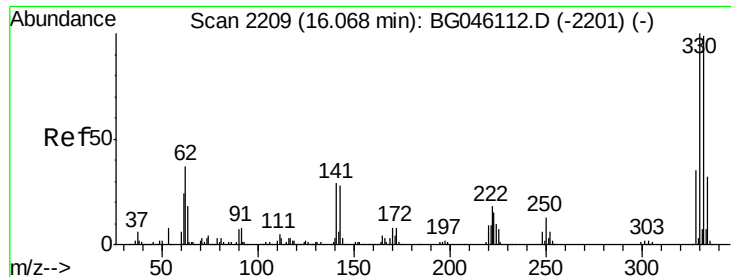


#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.58 min

Lab File: BG046142.D
Acq: 1 Aug 2020 3:34

Tgt Ion: 164
Sig Exp Ratio
164 100
162 100.8
160 43.6

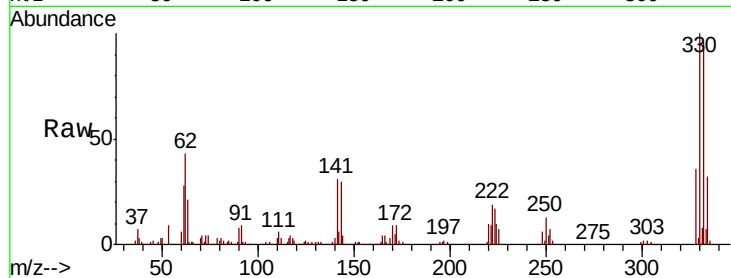




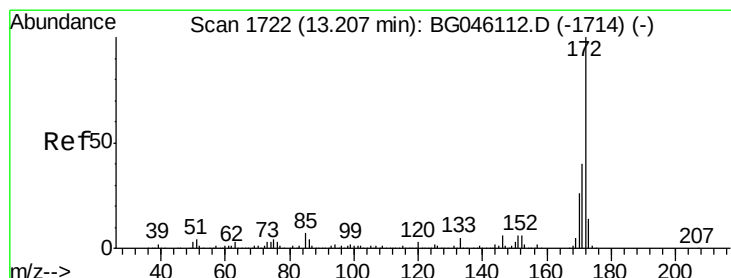
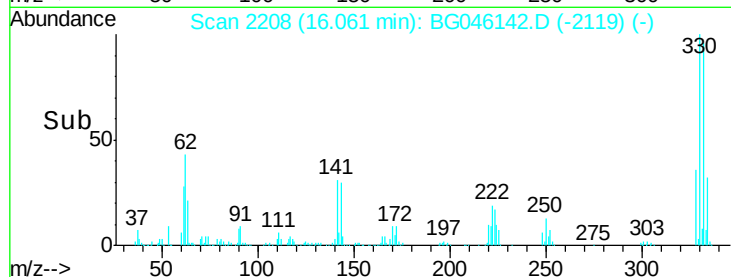
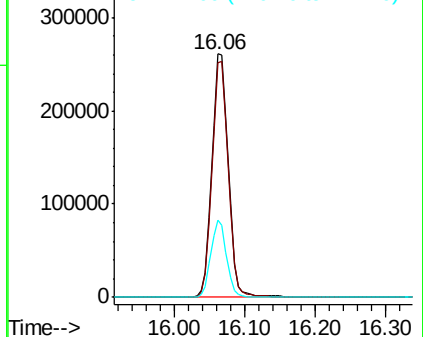
#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG046142.D
 Acq: 1 Aug 2020 3:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tot Ion:330 Resp: 422754
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 30.5 23.4 35.0

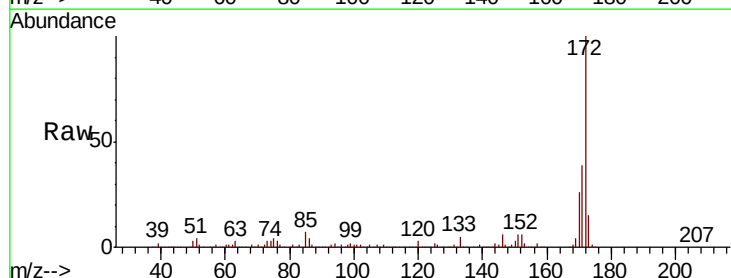


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

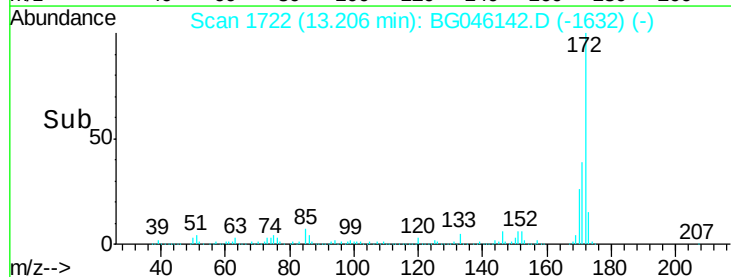
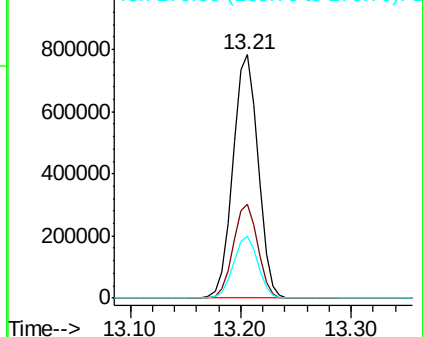


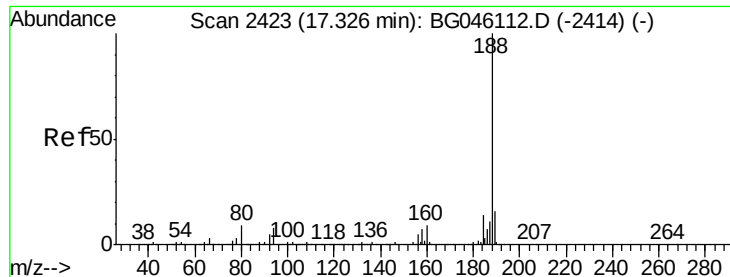
#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG046142.D
 Acq: 1 Aug 2020 3:34

Tgt Ion:172 Resp: 1253165
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.7 47.5
 170 25.5 20.9 31.3



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. 0.09 min

Lab File: BG046142.D

Acq: 1 Aug 2020 3:34

Instrument :

BNA_G

ClientSampled :

TP-1

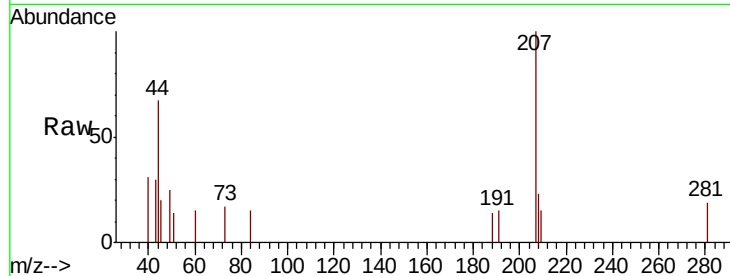
Tot Ion:188 Resp: 130

Ion Ratio Lower Upper

188 100

94 0.0 6.4 9.6#

80 0.0 7.4 11.0#



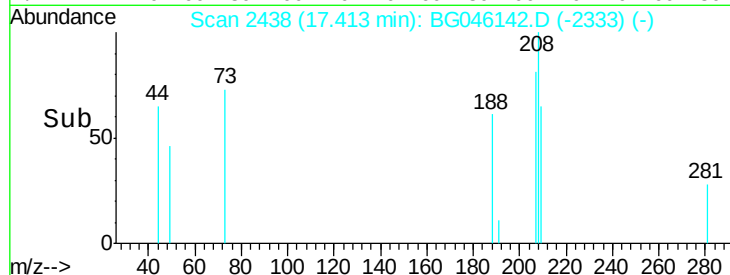
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

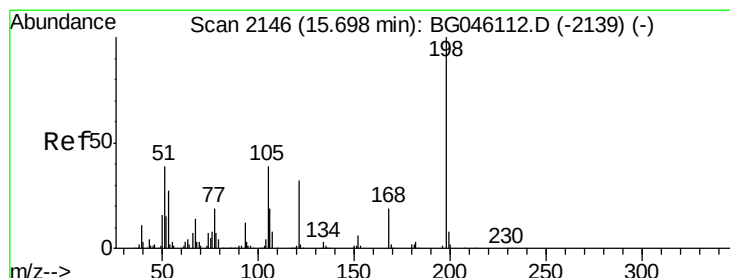
Ion 80.00 (79.70 to 80.70): BGC

17.41

17.42



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 1512.058 ng

RT: 16.07 min Scan# 2209

Delta R.T. 0.37 min

Lab File: BG046142.D

Acq: 1 Aug 2020 3:34

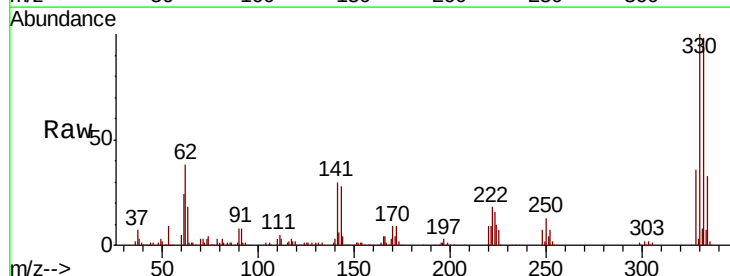
Tgt Ion:198 Resp: 1300

Ion Ratio Lower Upper

198 100

51 114.1 20.1 60.1#

105 117.8 19.2 59.2#



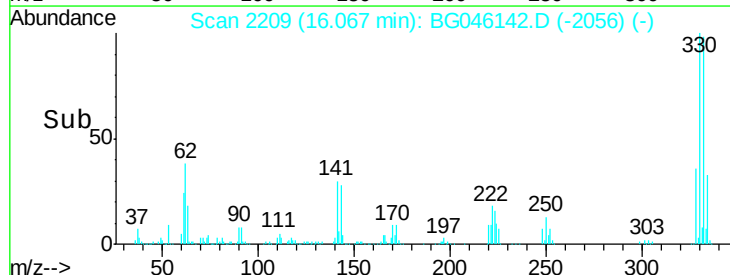
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

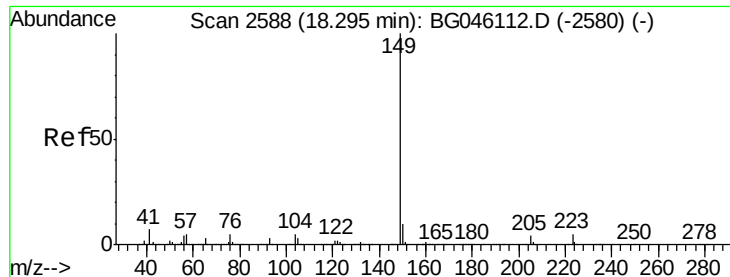
Ion 105.00 (104.70 to 105.70): E

16.07

16.10



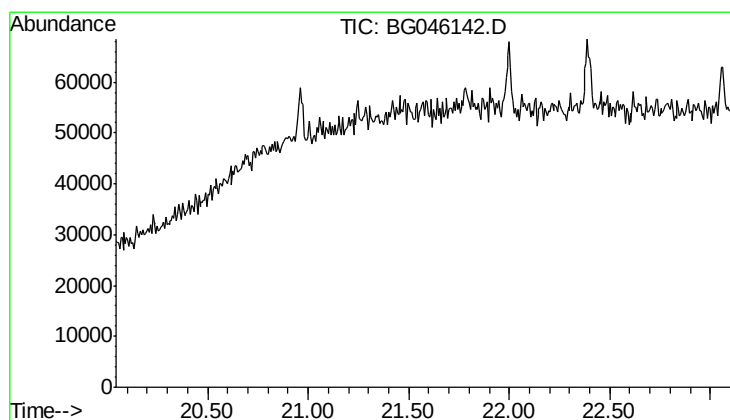
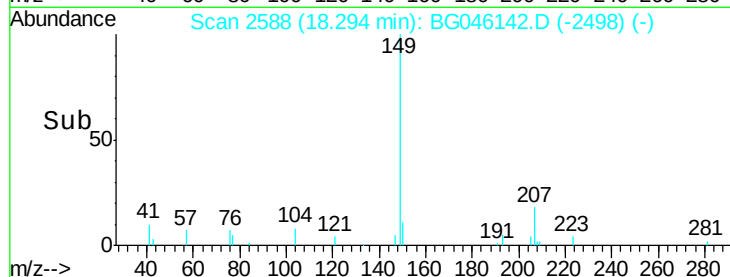
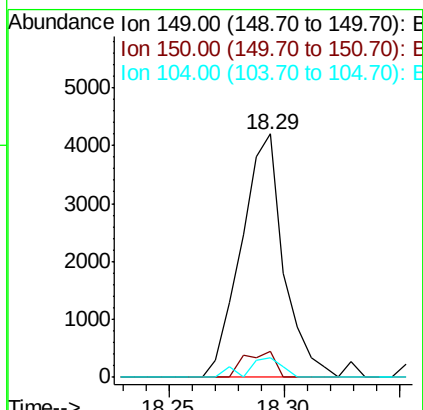
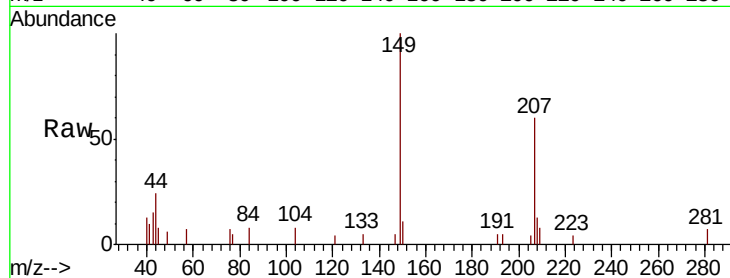
Time-->



#74
 Di-n-butylphthalate
 Concen: 752.305 ng
 RT: 18.29 min Scan# 2588
 Delta R.T. -0.00 min
 Lab File: BG046142.D
 Acq: 1 Aug 2020 3:34

Instrument :
 BNA_G
 ClientSampled :
 TP-1

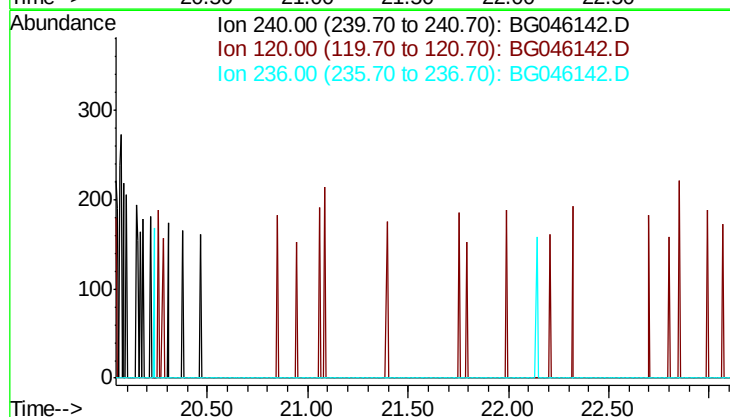
Tot Ion:149 Resp: 5371
 Ion Ratio Lower Upper
 149 100
 150 10.9 8.4 12.6
 104 8.2 4.2 6.2#

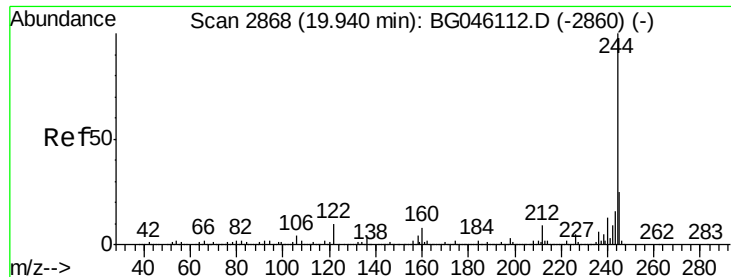


#76
 Chrysene-d12
 Concen: 0.000 ng
 Expected RT: 21.57 min

Lab File: BG046142.D
 Acq: 1 Aug 2020 3:34

Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 8.9
 236 27.1





#79

Terphenyl-d14

Concen: 0.000 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046142.D

Acq: 1 Aug 2020 3:34

Instrument :

BNA_G

ClientSampleId :

TP-1

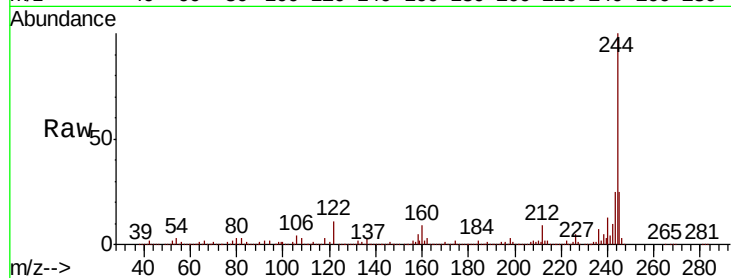
Tot Ion:244 Resp: 2201243

Ion Ratio Lower Upper

244 100

212 9.1 7.2 10.8

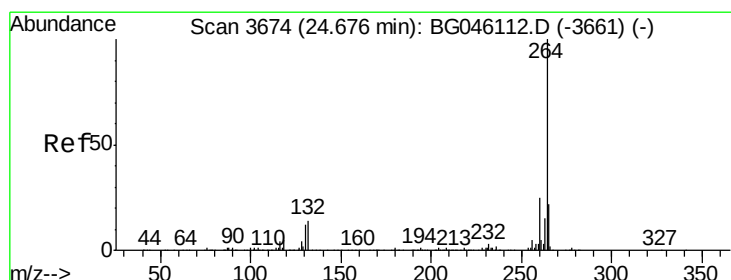
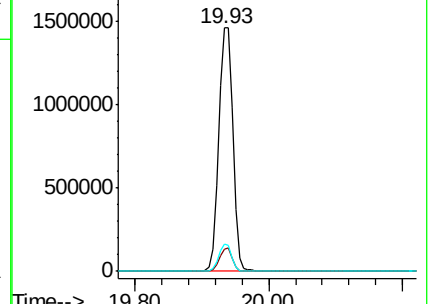
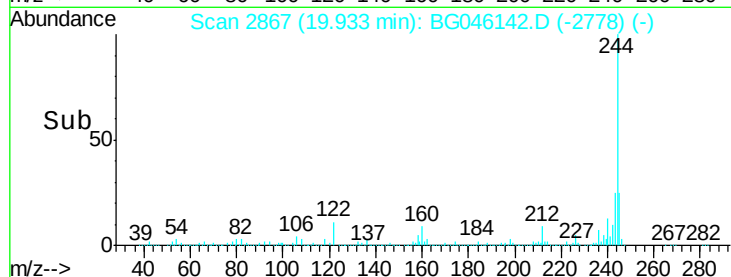
122 11.4 8.3 12.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.46 min Scan# 3637

Delta R.T. -0.22 min

Lab File: BG046142.D

Acq: 1 Aug 2020 3:34

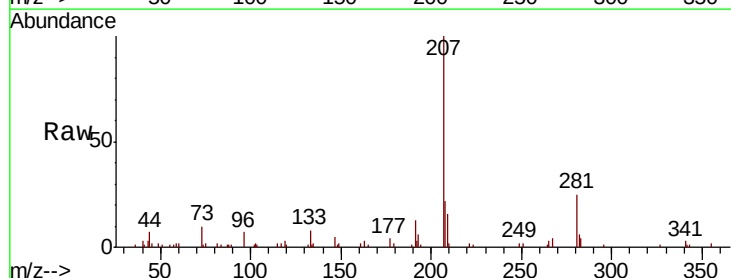
Tgt Ion:264 Resp: 68

Ion Ratio Lower Upper

264 100

260 0.0 19.7 29.5#

265 266.8 17.6 26.4#



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

