

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
 Data File : BG046548.D
 Acq On : 4 Sep 2020 20:00
 Operator : CG/JU
 Sample : L3888-10RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-3

Quant Time: Sep 05 01:03:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

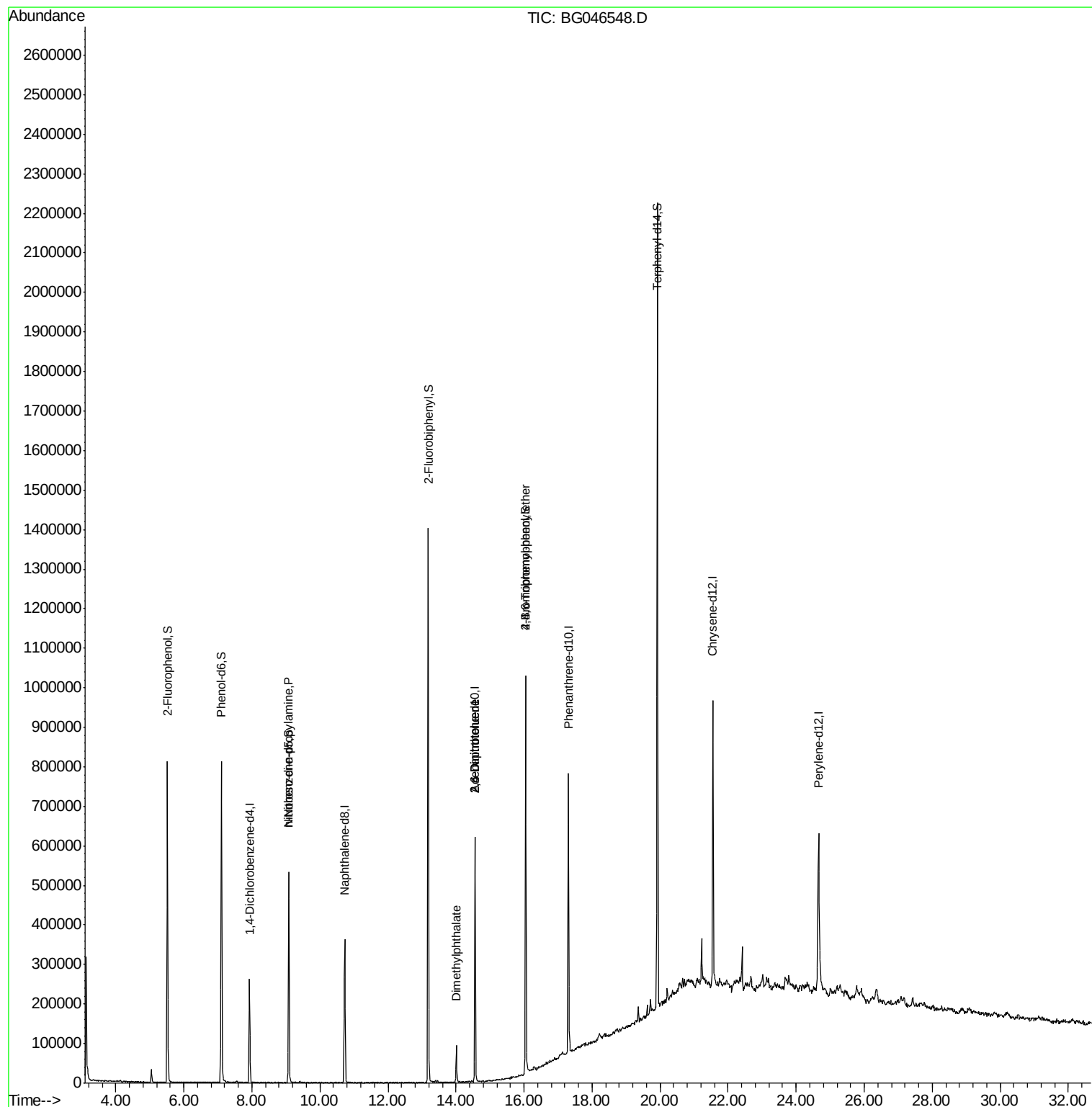
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	83389	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	341291	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	226216	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	467787	20.00	ng	0.00
76) Chrysene-d12	21.55	240	451306	20.00	ng	0.00
86) Perylene-d12	24.66	264	452859	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	385032	81.78	ng	0.00
7) Phenol-d6	7.10	99	514601	77.10	ng	0.00
23) Nitrobenzene-d5	9.08	82	337188	56.47	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	213082	69.52	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	805867	54.38	ng	0.00
79) Terphenyl-d14	19.92	244	940102	44.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	43258	10.835	ng	Qvalue # 74
50) Dimethylphthalate	14.01	163	73555	4.203	ng	98
51) 2,6-Dinitrotoluene	14.56	165	31327	8.120	ng	# 33
57) 2,4-Dinitrotoluene	14.56	165	31324	5.694	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	16223	2.973	ng	# 1

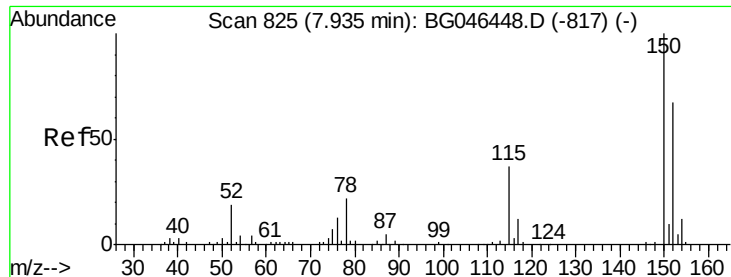
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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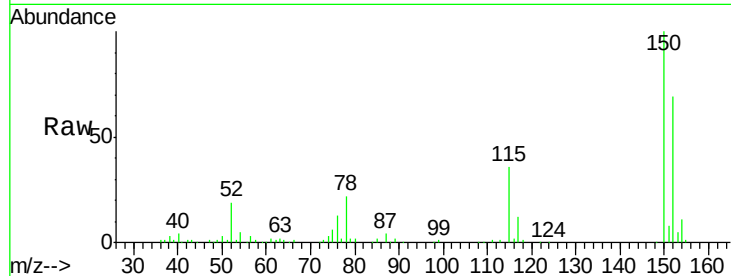


#1

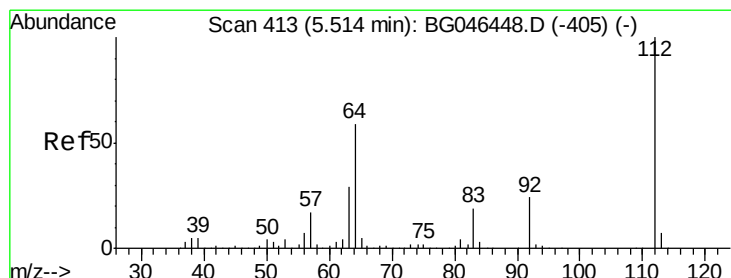
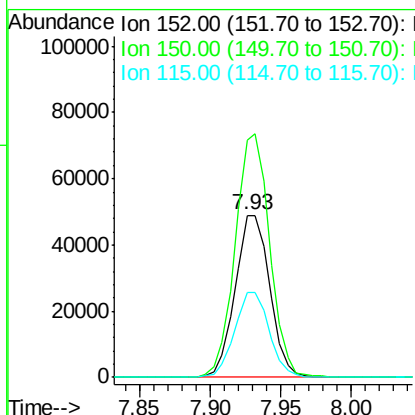
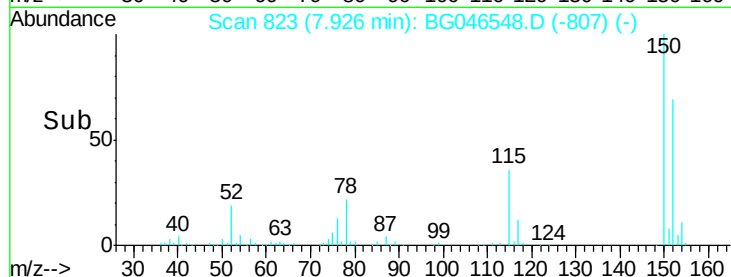
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG046548.D
 Acq: 4 Sep 2020 20:00

Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-3

Tot Ion:152 Resp: 83389
 Ion Ratio Lower Upper
 152 100
 150 145.9 119.5 179.3
 115 52.4 44.3 66.5



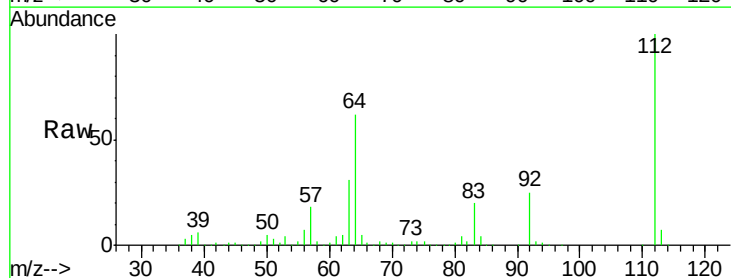
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



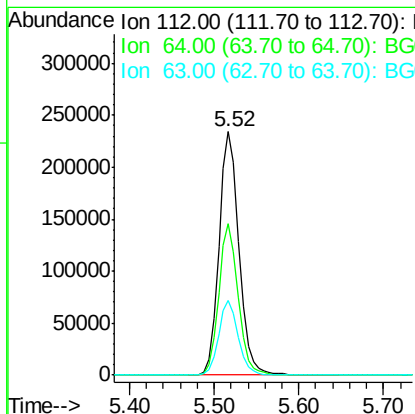
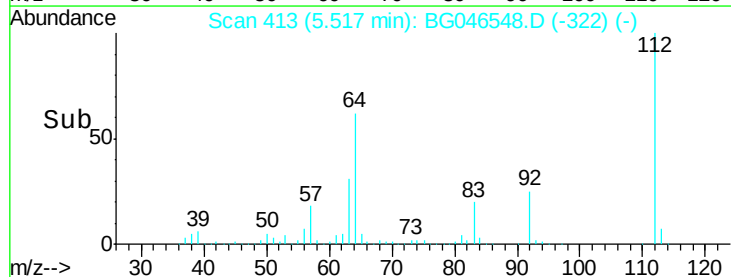
#5

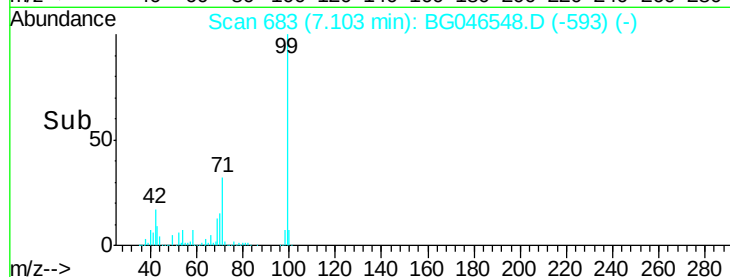
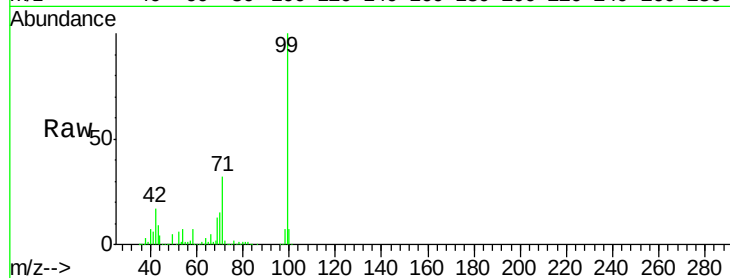
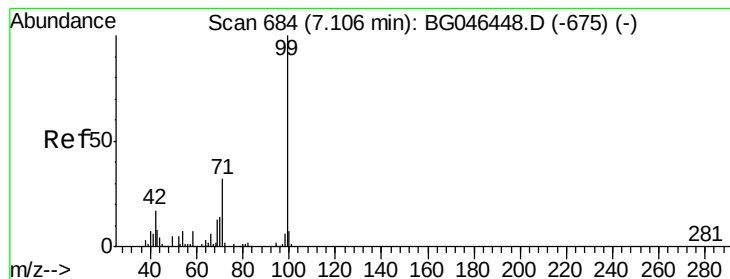
2-Fluorophenol
 Concen: 81.781 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046548.D
 Acq: 4 Sep 2020 20:00

Tgt Ion:112 Resp: 385032
 Ion Ratio Lower Upper
 112 100
 64 62.0 47.0 70.6
 63 30.5 23.5 35.3



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: 77.103 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046548.D

Acq: 4 Sep 2020 20:00

Instrument :

BNA_G

ClientSampleId :

9-2-TP-3

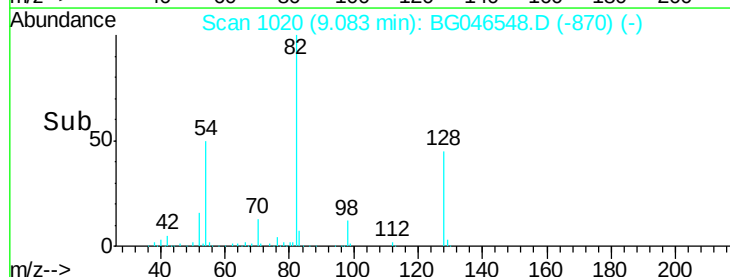
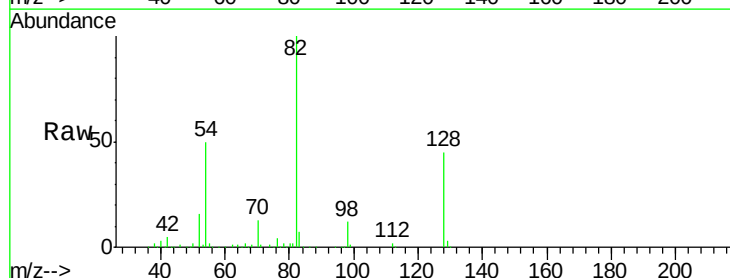
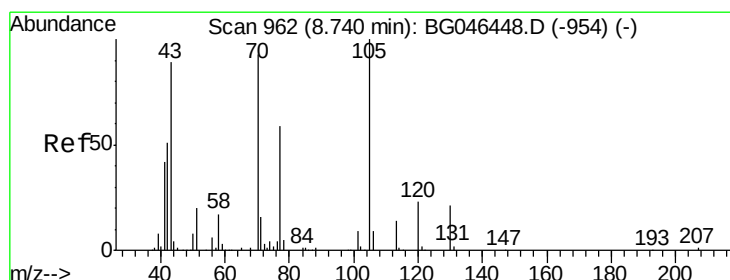
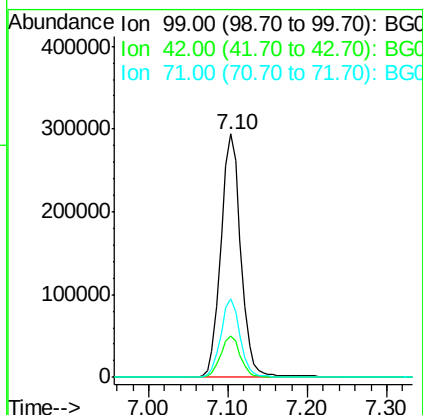
Tot Ion: 99 Resp: 514601

Ion Ratio Lower Upper

99 100

42 16.9 13.3 19.9

71 32.4 25.3 37.9



#19

n-Nitroso-di-n-propylamine

Concen: 10.835 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046548.D

Acq: 4 Sep 2020 20:00

Tgt Ion: 70 Resp: 43258

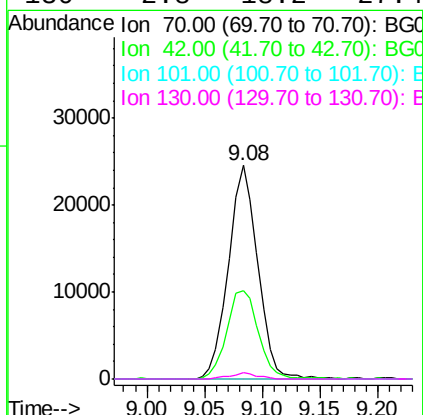
Ion Ratio Lower Upper

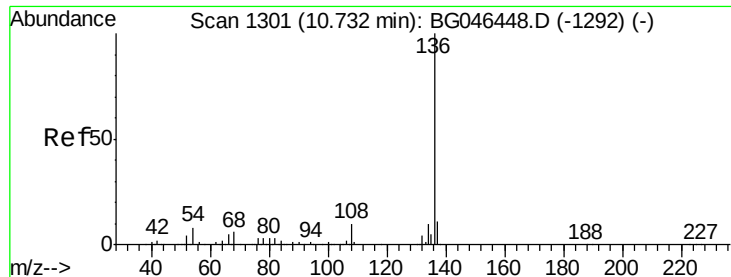
70 100

42 41.4 44.2 66.2#

101 0.0 7.8 11.8#

130 2.8 18.2 27.4#

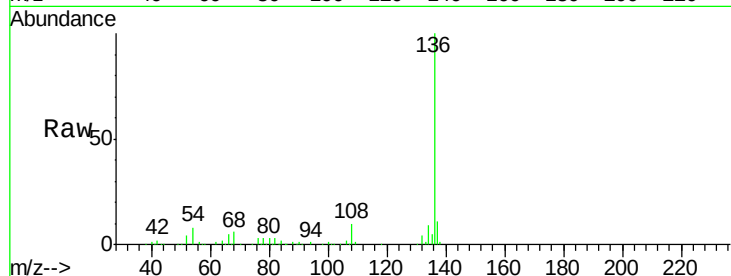




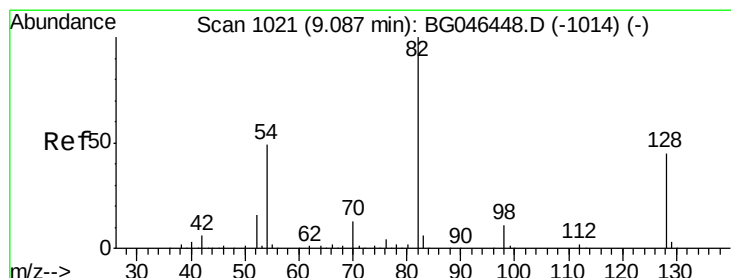
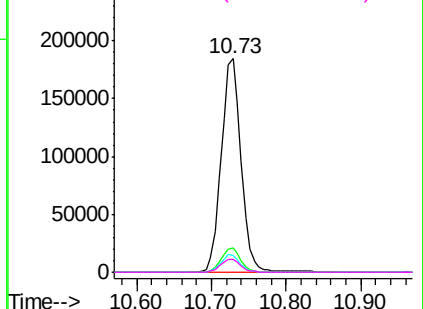
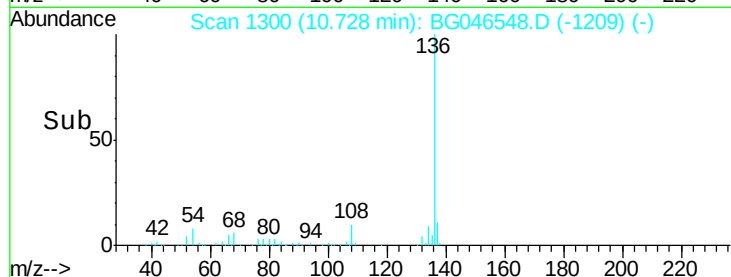
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046548.D
Acq: 4 Sep 2020 20:00

Instrument :
BNA_G
ClientSampleId :
9-2-TP-3

Tot Ion:136	Resp:	341291
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.8 13.2
54	8.0	6.1 9.1
68	5.8	4.8 7.2

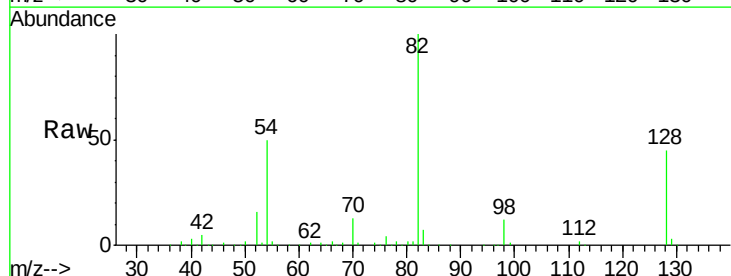


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

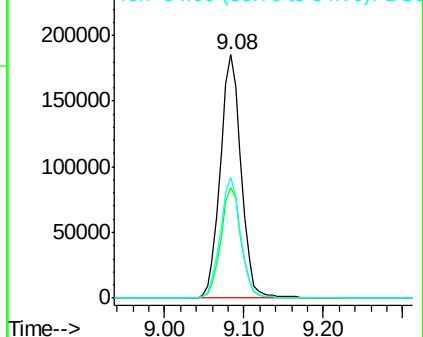
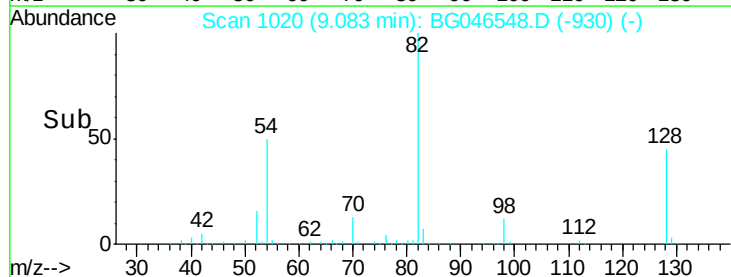


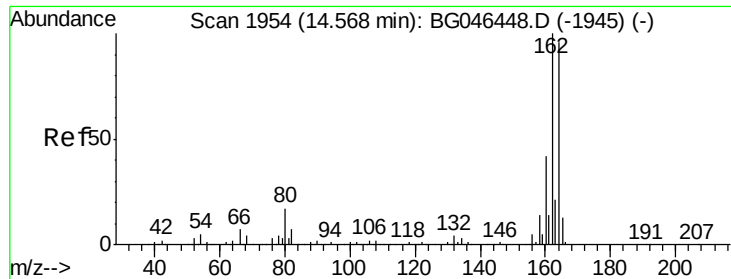
#23
Nitrobenzene-d5
Concen: 56.468 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046548.D
Acq: 4 Sep 2020 20:00

Tgt Ion: 82	Resp:	337188
Ion	Ratio	Lower Upper
82	100	
128	45.3	35.7 53.5
54	49.6	39.4 59.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

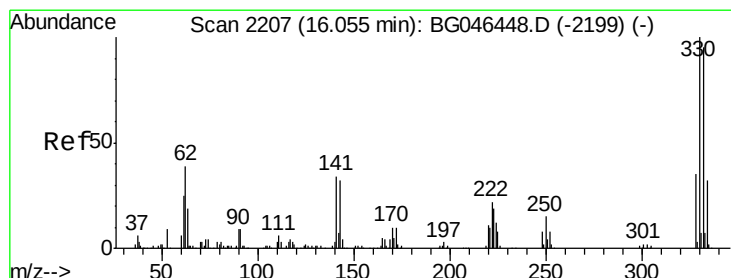
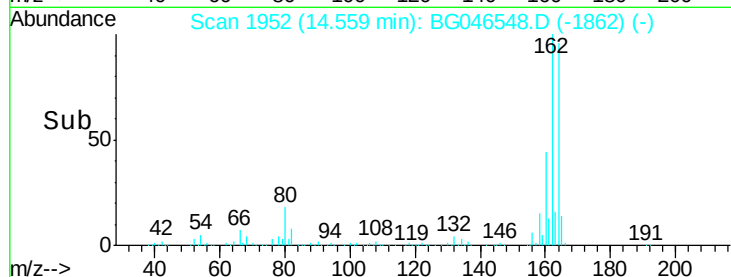
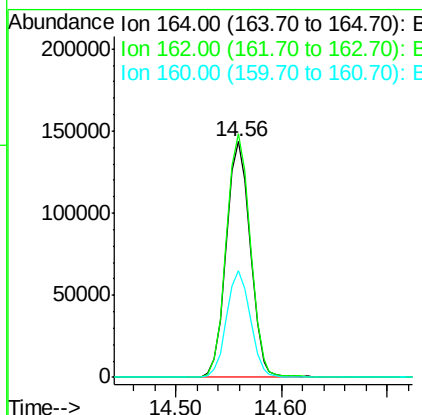
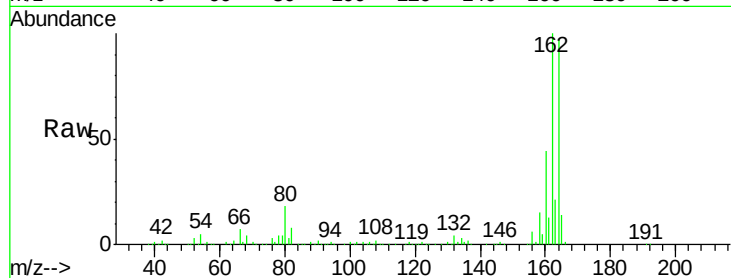




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG046548.D
Acq: 4 Sep 2020 20:00

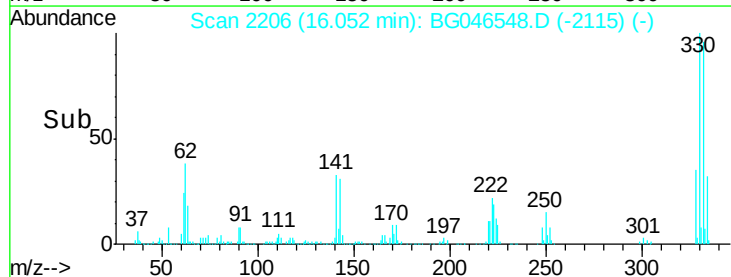
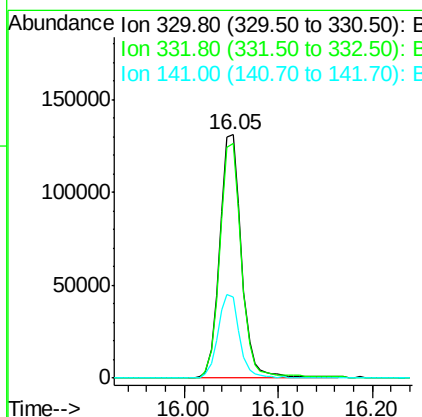
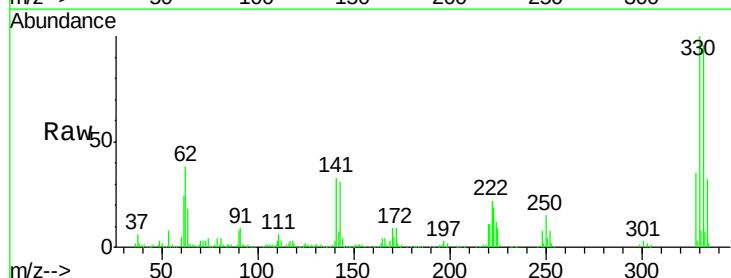
Instrument :
BNA_G
ClientSampleId :
9-2-TP-3

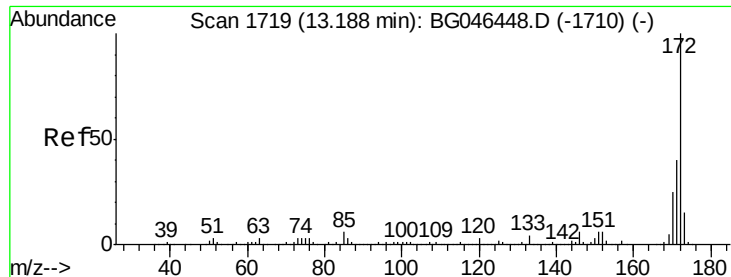
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.3	124.9
160	45.1	35.0	52.6



#42
2,4,6-Tribromophenol
Concen: 69.519 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BG046548.D
Acq: 4 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.1	114.1
141	33.6	26.1	39.1

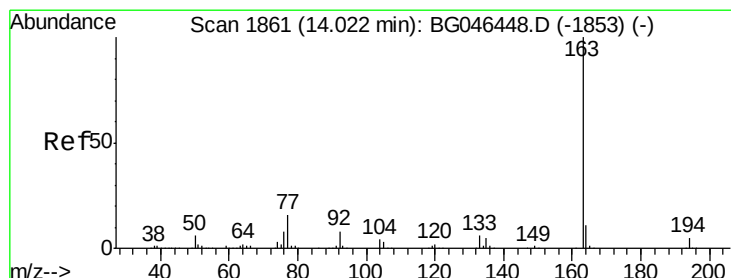
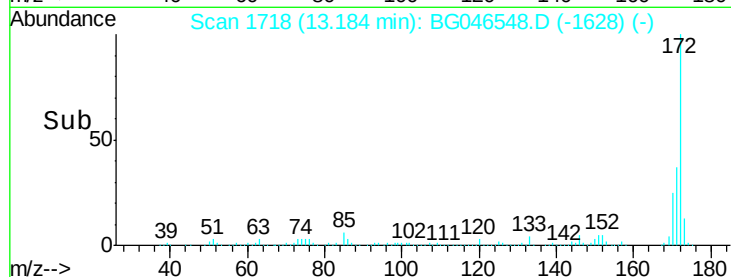
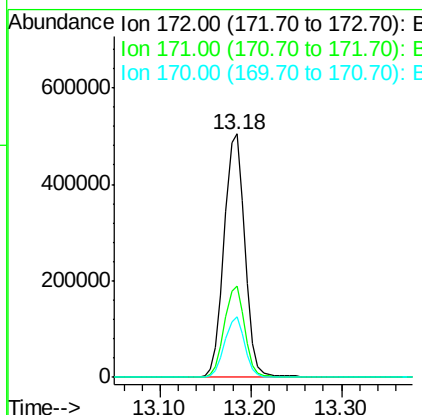
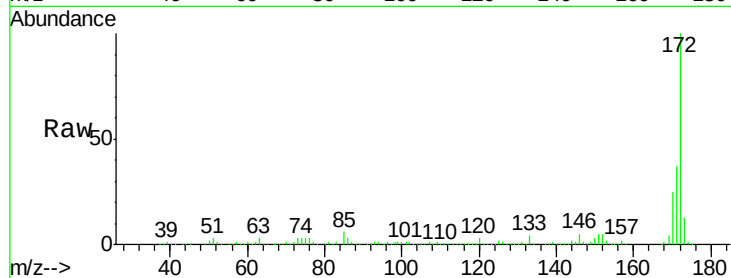




#45
2-Fluorobiphenyl
Concen: 54.382 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046548.D
Acq: 4 Sep 2020 20:00

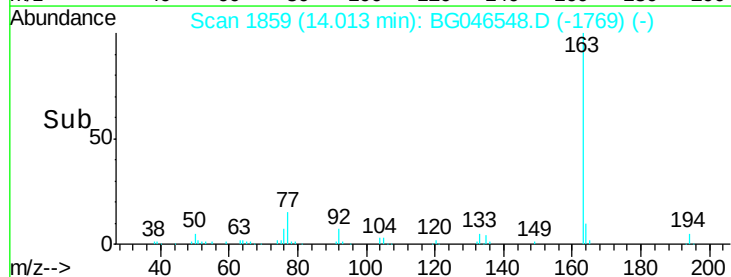
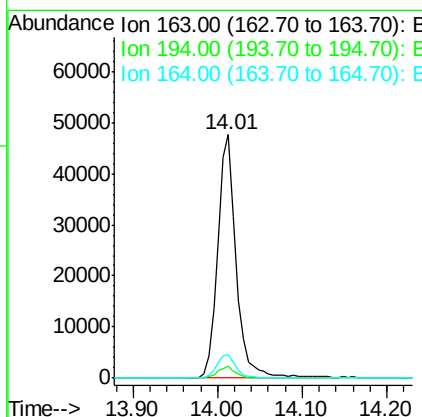
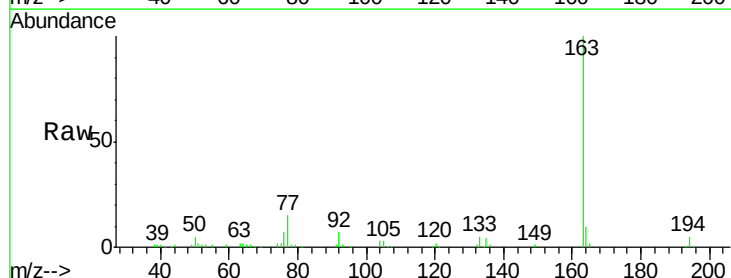
Instrument :
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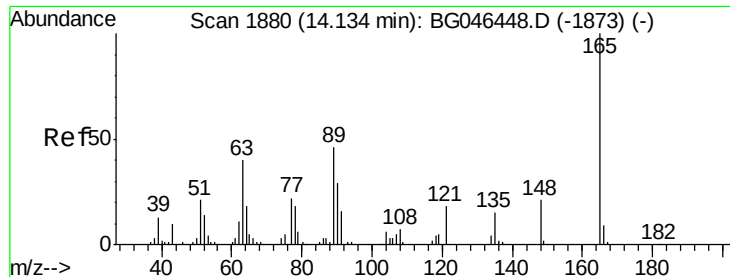
Tot Ion:172 Resp: 805867
Ion Ratio Lower Upper
172 100
171 37.3 31.8 47.6
170 24.7 20.3 30.5



#50
Dimethylphthalate
Concen: 4.203 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BG046548.D
Acq: 4 Sep 2020 20:00

Tgt Ion:163 Resp: 73555
Ion Ratio Lower Upper
163 100
194 5.2 3.7 5.5
164 9.9 8.6 12.8

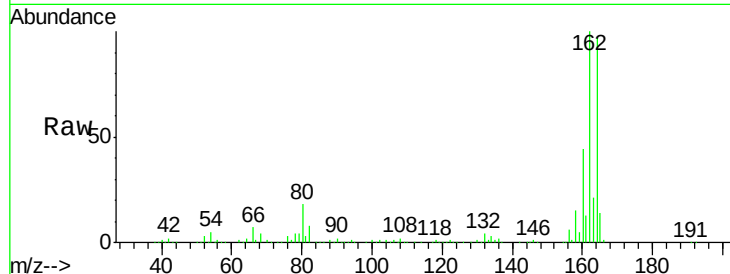




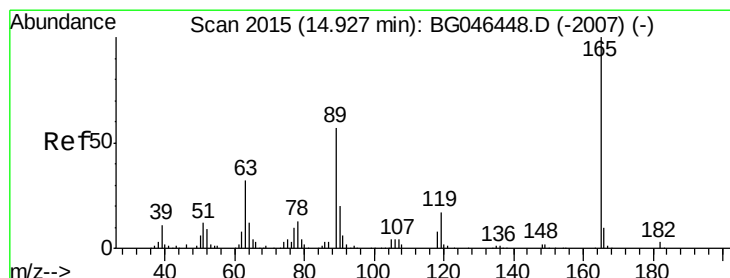
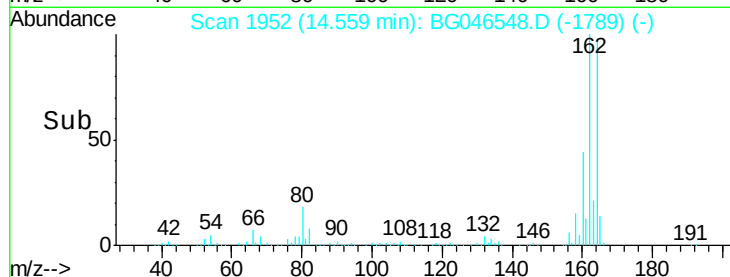
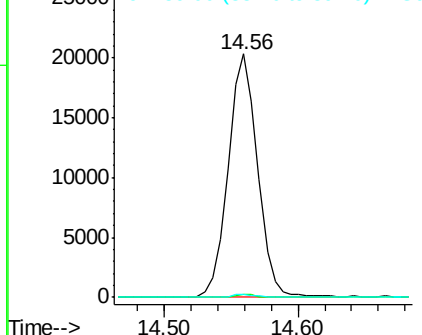
#51
 2,6-Dinitrotoluene
 Concen: 8.120 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. 0.43 min
 Lab File: BG046548.D
 Acq: 4 Sep 2020 20:00

Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-3

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.2	51.4#
89	1.1	37.0	55.4#

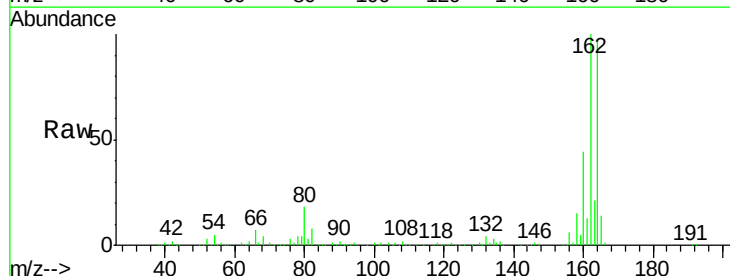


Abundance Ion 165.00 (164.70 to 165.70): E

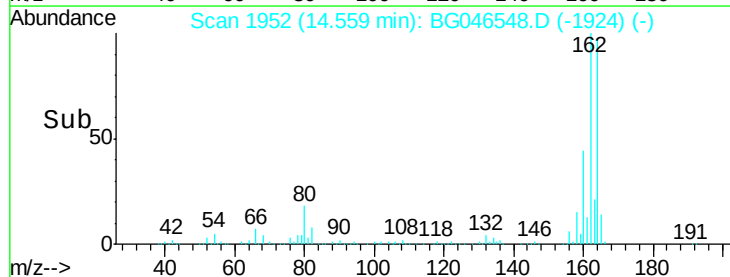
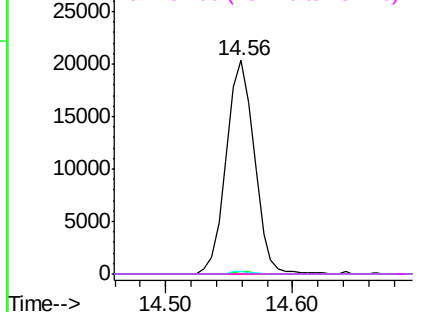


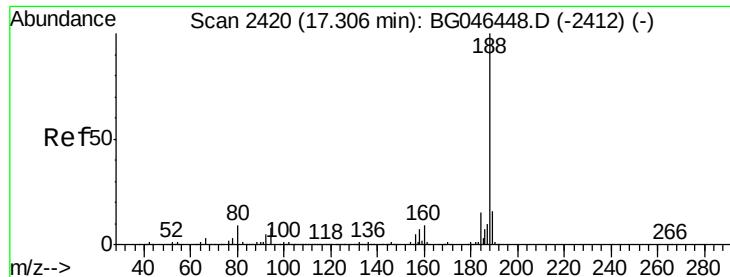
#57
 2,4-Dinitrotoluene
 Concen: 5.694 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.37 min
 Lab File: BG046548.D
 Acq: 4 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.0#
89	1.1	45.9	68.9#
182	0.0	2.3	3.5#



Abundance Ion 165.00 (164.70 to 165.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG046548.D

Acq: 4 Sep 2020 20:00

Instrument :

BNA_G

ClientSampleId :

9-2-TP-3

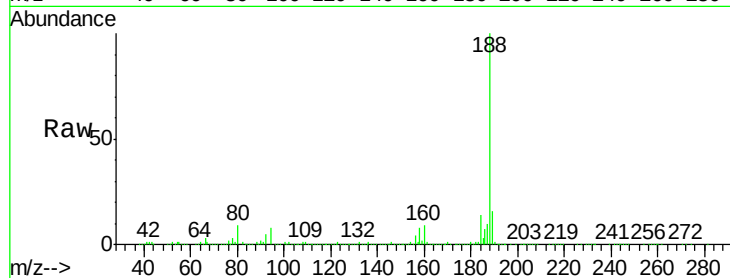
Tot Ion:188 Resp: 467787

Ion Ratio Lower Upper

188 100

94 7.7 6.3 9.5

80 9.1 6.9 10.3

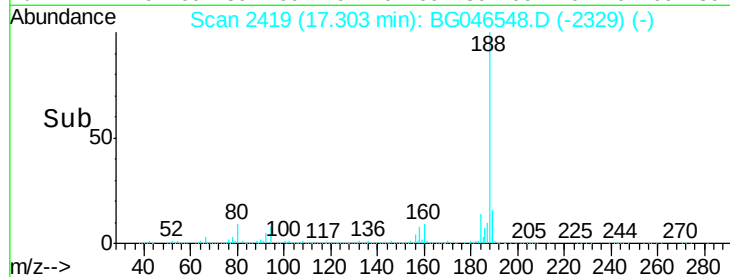


Abundance Ion 188.00 (187.70 to 188.70): E

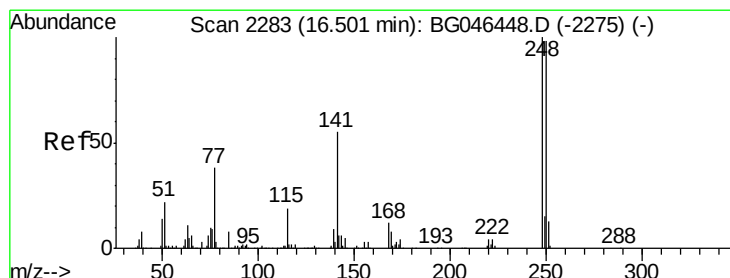
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



Time-->



#67

4-Bromophenyl-phenylether

Concen: 2.973 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.45 min

Lab File: BG046548.D

Acq: 4 Sep 2020 20:00

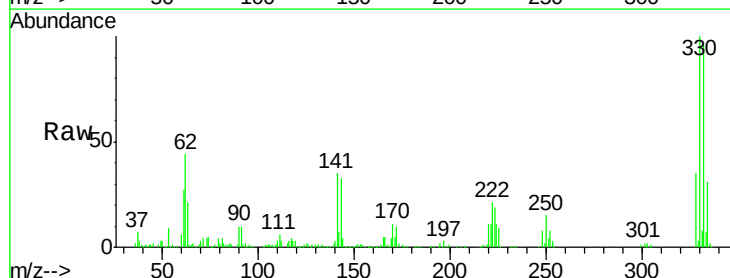
Tgt Ion:248 Resp: 16223

Ion Ratio Lower Upper

248 100

250 200.4 78.6 118.0#

141 453.9 43.9 65.9#

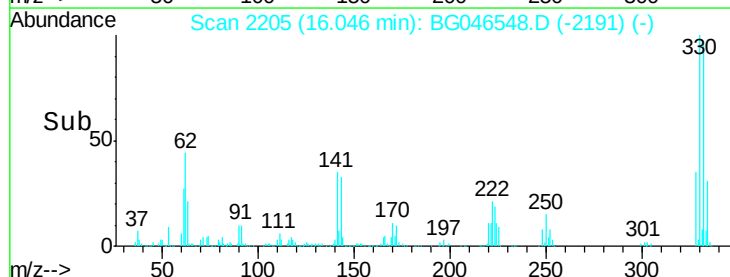


Abundance Ion 248.00 (247.70 to 248.70): E

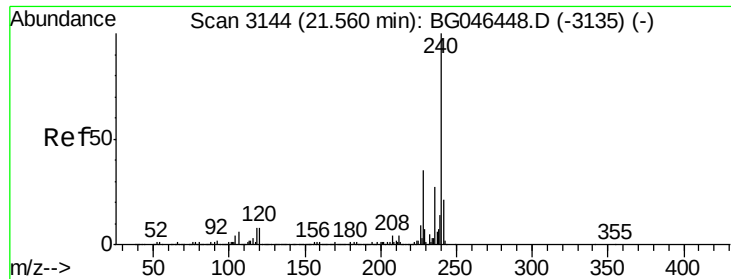
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



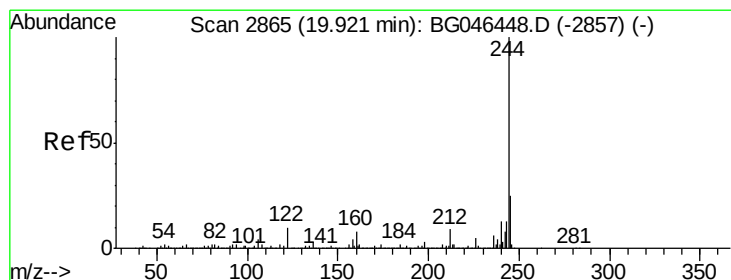
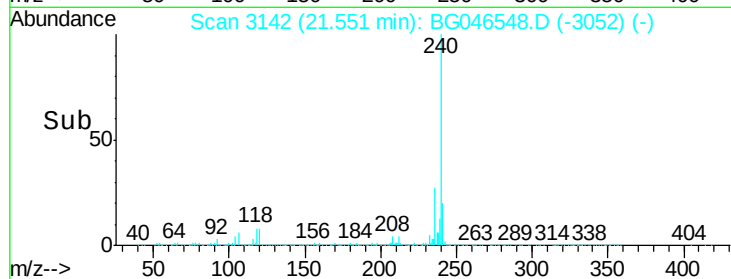
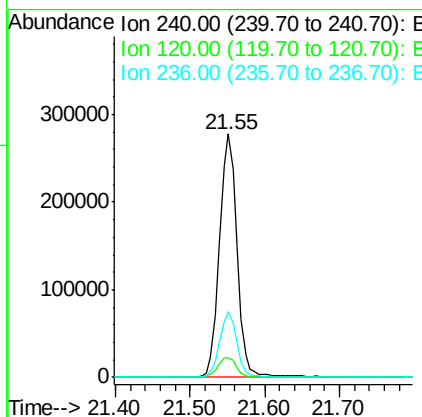
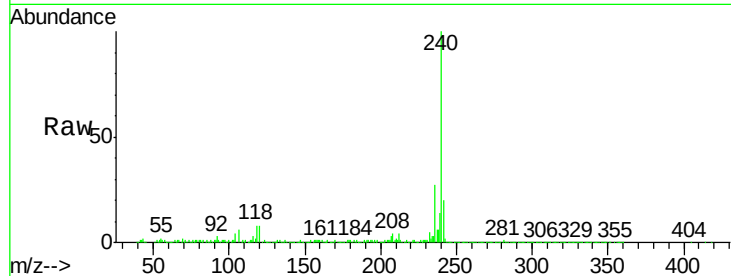
Time-->



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046548.D
Acq: 4 Sep 2020 20:00

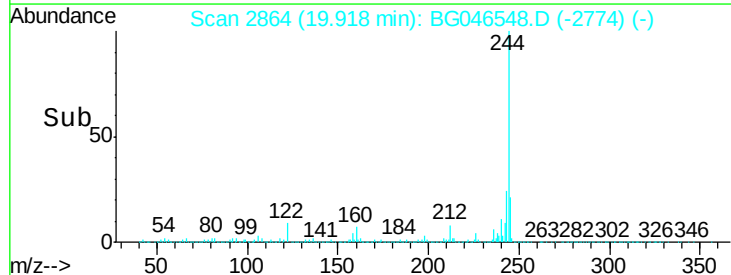
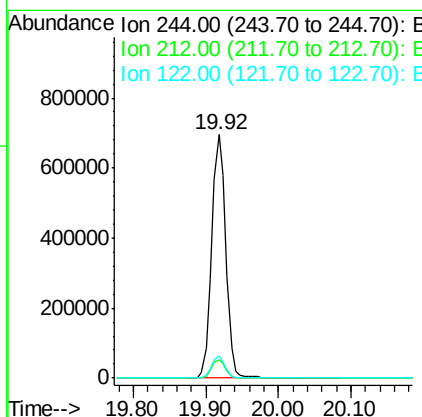
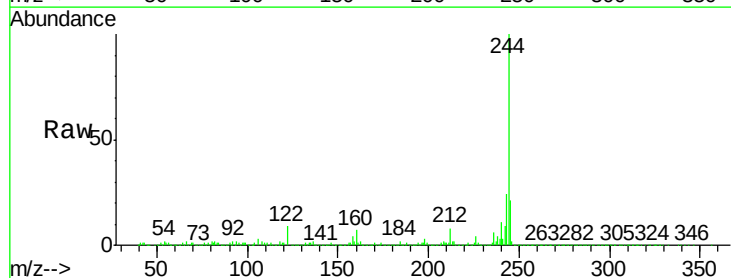
Instrument :
BNA_G
ClientSampleId :
9-2-TP-3

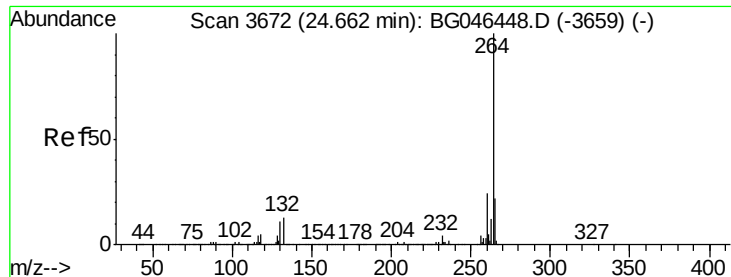
Tot Ion:240 Resp: 451306
Ion Ratio Lower Upper
240 100
120 8.2 6.6 10.0
236 27.0 21.4 32.2



#79
Terphenyl-d14
Concen: 44.331 ng
RT: 19.92 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BG046548.D
Acq: 4 Sep 2020 20:00

Tgt Ion:244 Resp: 940102
Ion Ratio Lower Upper
244 100
212 7.7 6.9 10.3
122 9.2 8.2 12.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3671
Delta R.T. 0.00 min
Lab File: BG046548.D
Acq: 4 Sep 2020 20:00

Instrument :
BNA_G
ClientSampleId :
9-2-TP-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.9	26.9

