

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
 Data File : BG046278.D
 Acq On : 14 Aug 2020 16:38
 Operator : CG/JU
 Sample : L3659-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP1-1

Quant Time: Aug 14 18:24:36 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

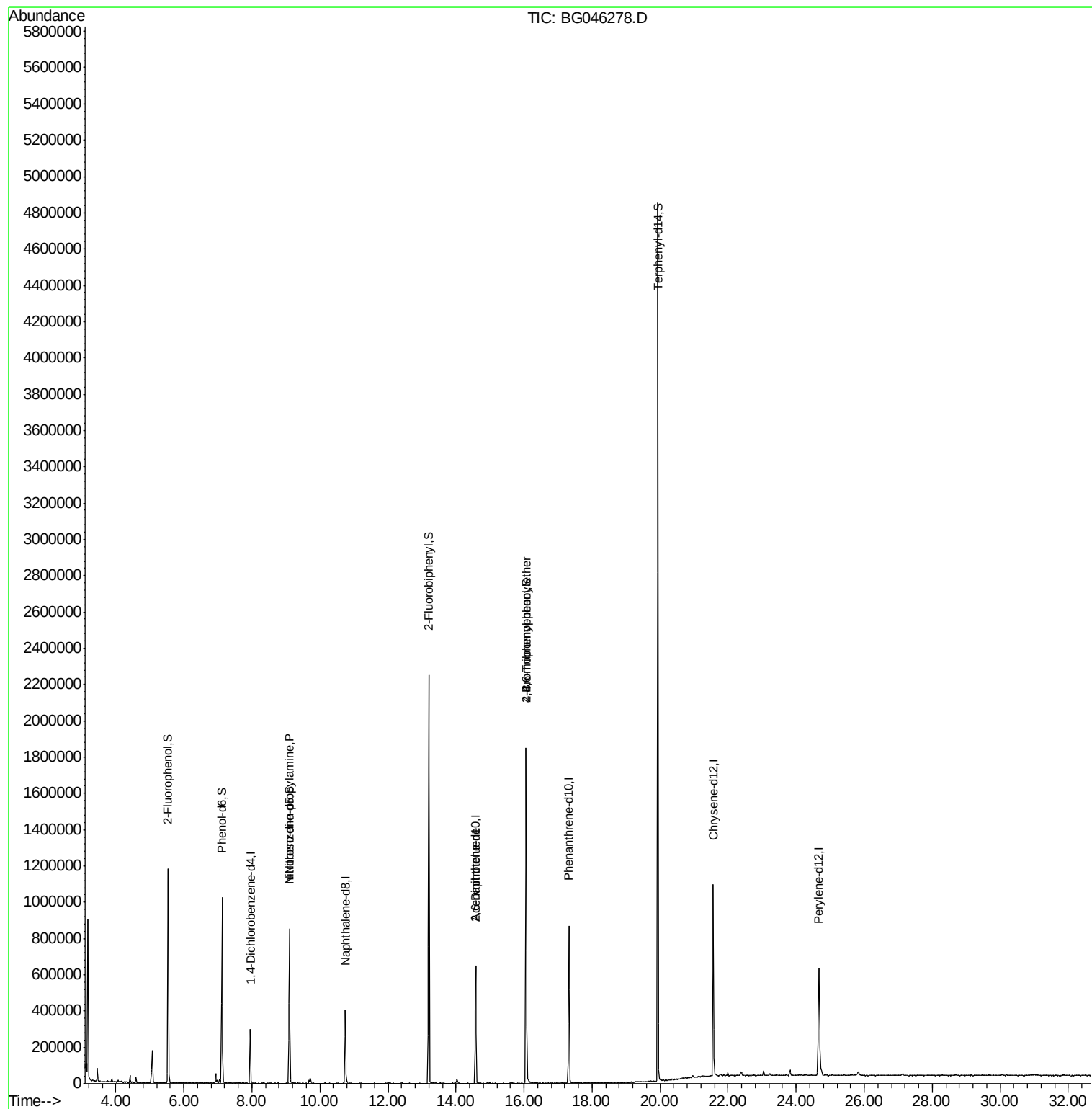
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	91739	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	360464	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	235588	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	566736	20.00	ng	-0.01
76) Chrysene-d12	21.56	240	650320	20.00	ng	-0.01
86) Perylene-d12	24.66	264	652175	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	542511	102.80	ng	0.00
7) Phenol-d6	7.12	99	642362	89.31	ng	0.00
23) Nitrobenzene-d5	9.10	82	524112	78.72	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	434494	120.07	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1254604	77.36	ng	0.00
79) Terphenyl-d14	19.93	244	2128458	66.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	67536	14.428	ng	# 78
51) 2,6-Dinitrotoluene	14.58	165	30998	7.366	ng	# 29
67) 4-Bromophenyl-phenylether	16.06	248	26410	3.772	ng	# 1

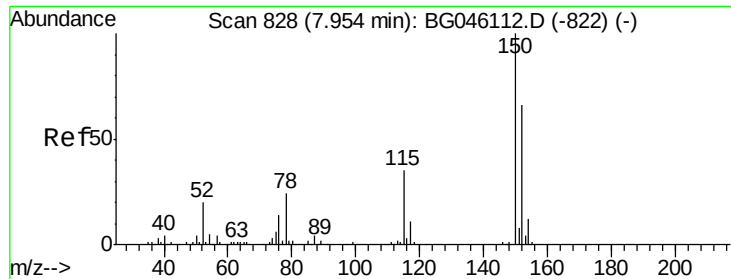
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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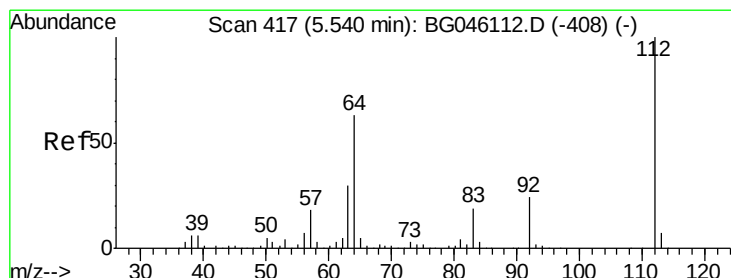
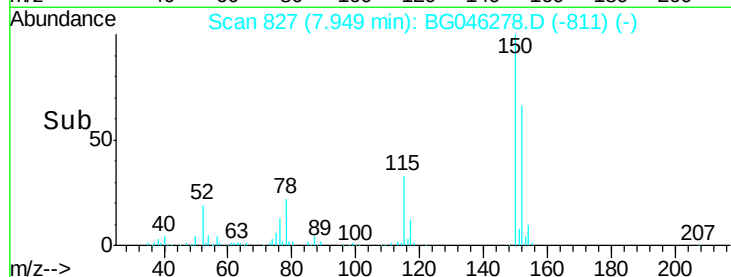
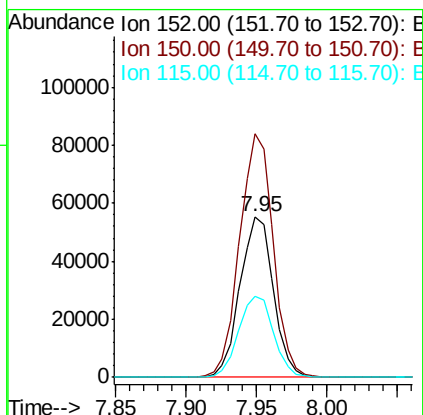
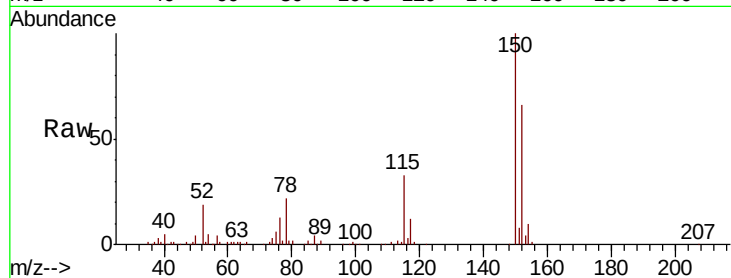


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG046278.D
Acq: 14 Aug 2020 16:38

Instrument :
BNA_G
ClientSampleId :
SP1-1

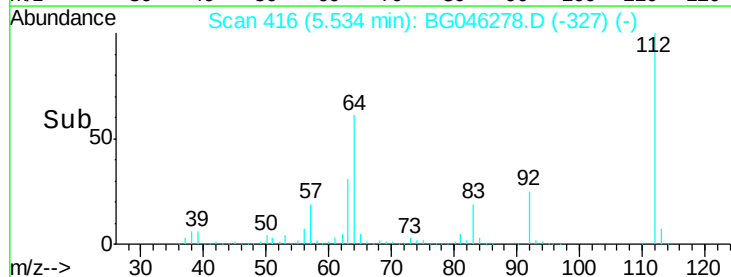
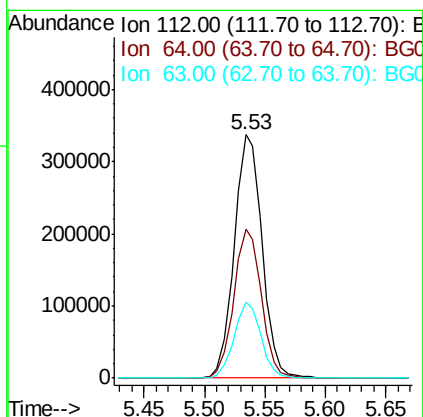
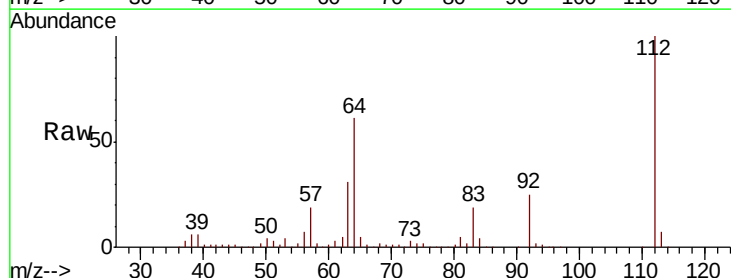
Tot Ion:152 Resp: 91739
Ion Ratio Lower Upper
152 100
150 151.5 122.1 183.1
115 50.7 43.2 64.8

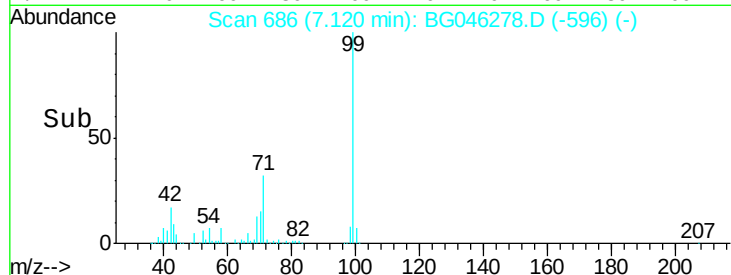
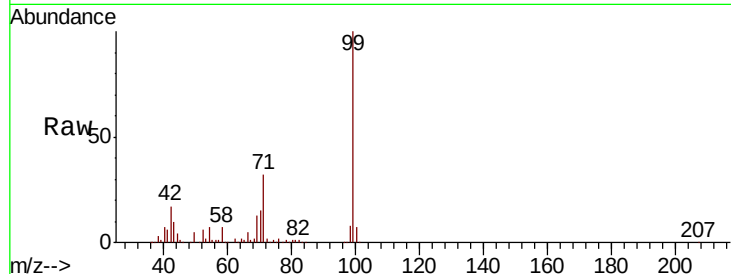
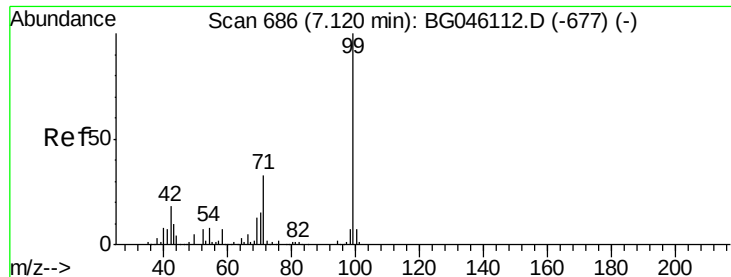


#5

2-Fluorophenol
Concen: 102.801 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG046278.D
Acq: 14 Aug 2020 16:38

Tgt Ion:112 Resp: 542511
Ion Ratio Lower Upper
112 100
64 61.3 50.2 75.2
63 31.0 24.2 36.4





#7

Phenol-d6

Concen: 89.313 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046278.D

Acq: 14 Aug 2020 16:38

Instrument :

BNA_G

ClientSampled :

SP1-1

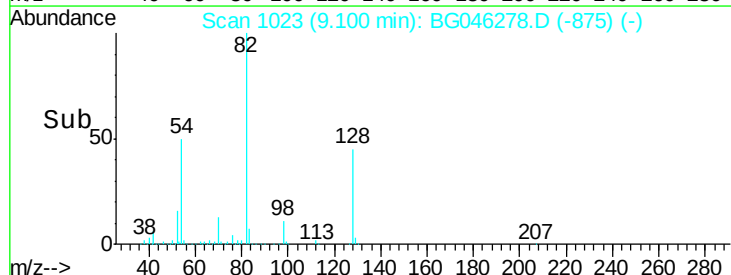
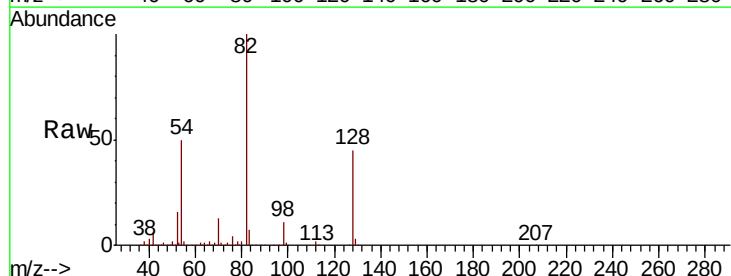
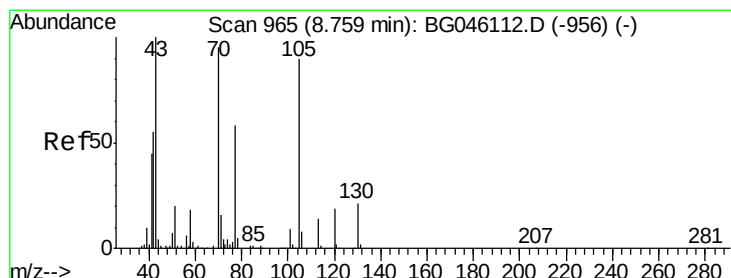
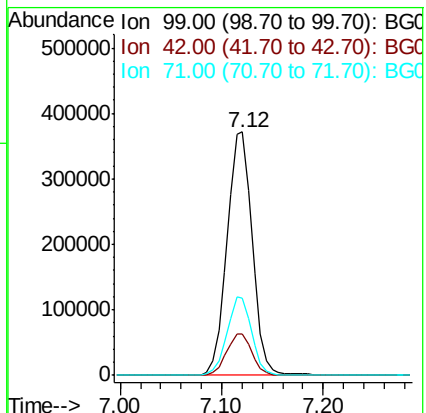
Tot Ion: 99 Resp: 642362

Ion Ratio Lower Upper

99 100

42 16.9 14.7 22.1

71 31.9 26.5 39.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.428 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.34 min

Lab File: BG046278.D

Acq: 14 Aug 2020 16:38

Tgt Ion: 70 Resp: 67536

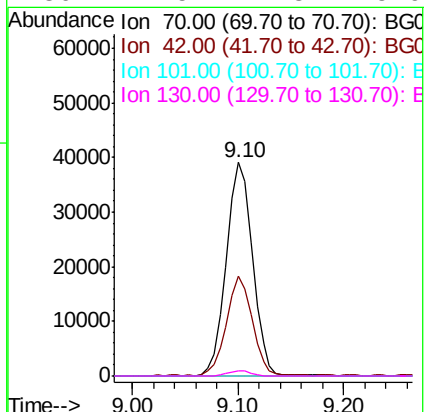
Ion Ratio Lower Upper

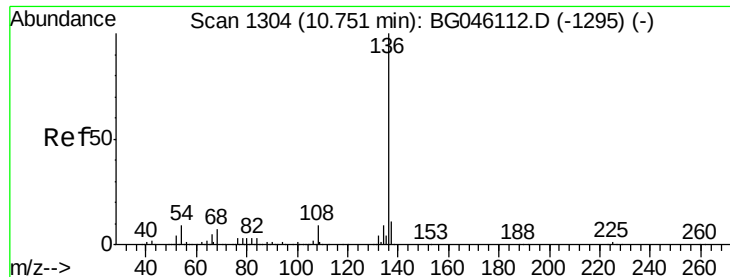
70 100

42 46.9 46.5 69.7

101 0.0 7.6 11.4#

130 2.5 17.3 25.9#

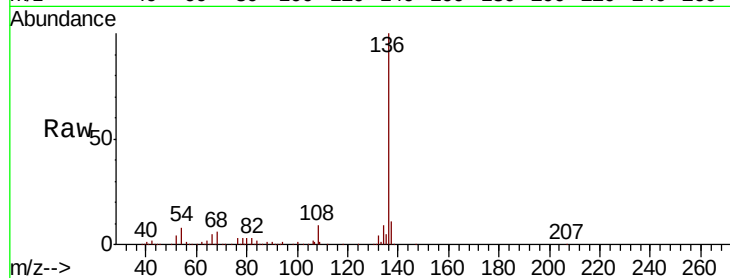




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046278.D
Acq: 14 Aug 2020 16:38

Instrument :
BNA_G
ClientSampleId :
SP1-1

Tot Ion:136	Resp:	360464	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.8	13.2	
54 8.1	7.0	10.4	
68 6.2	5.3	7.9	



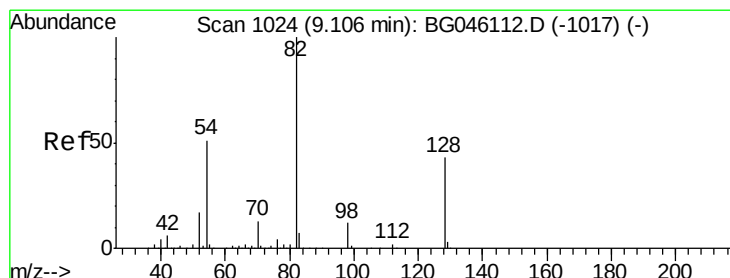
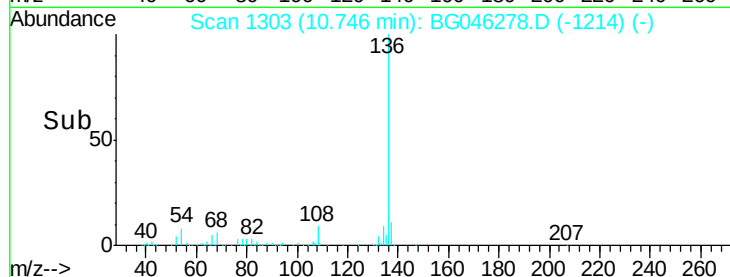
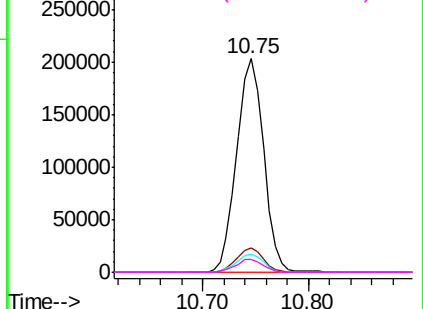
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

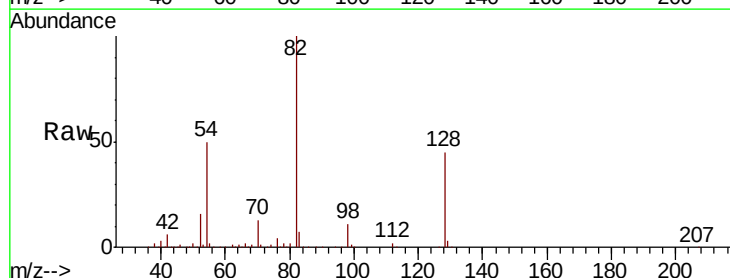
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 78.723 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG046278.D
Acq: 14 Aug 2020 16:38

Tgt Ion: 82	Resp: 524112
Ion Ratio	Lower Upper
82 100	
128 44.9	34.4 51.6
54 50.3	40.8 61.2

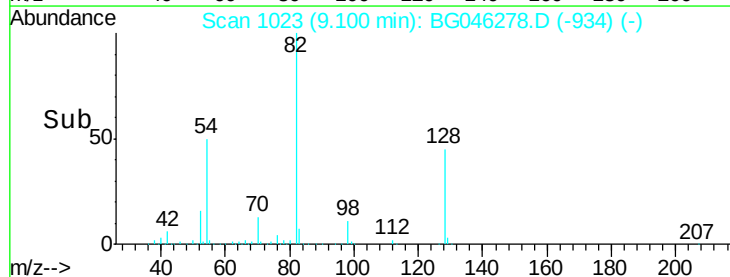
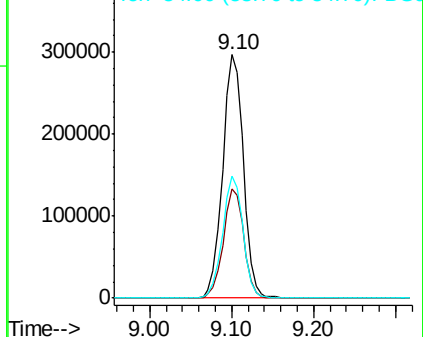


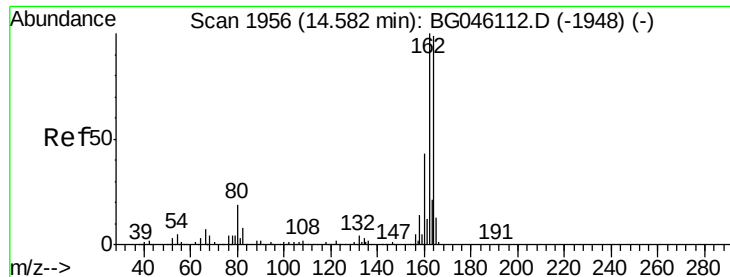
Abundance

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: 14.58 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046278.D

Acq: 14 Aug 2020 16:38

Instrument :

BNA_G

ClientSampleId :

SP1-1

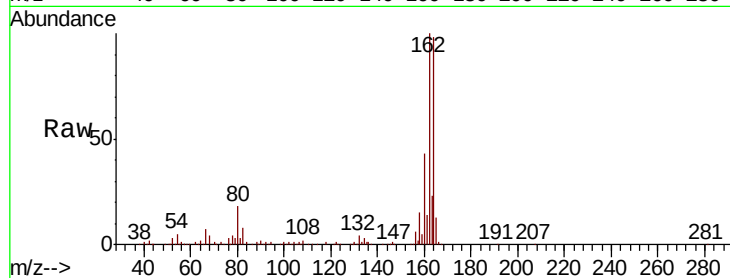
Tot Ion:164 Resp: 235588

Ion Ratio Lower Upper

164 100

162 102.1 80.6 121.0

160 43.6 34.9 52.3

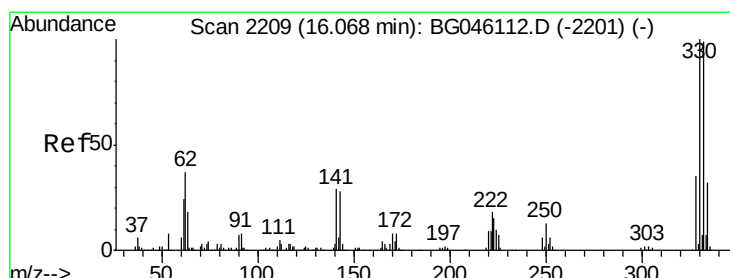
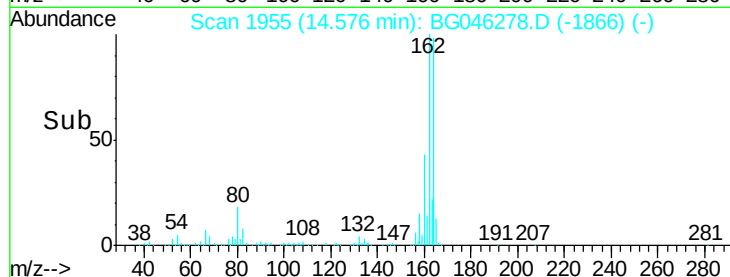
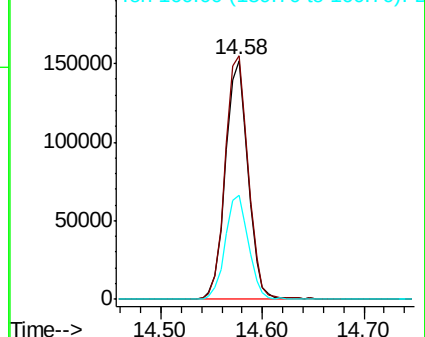


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 120.073 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046278.D

Acq: 14 Aug 2020 16:38

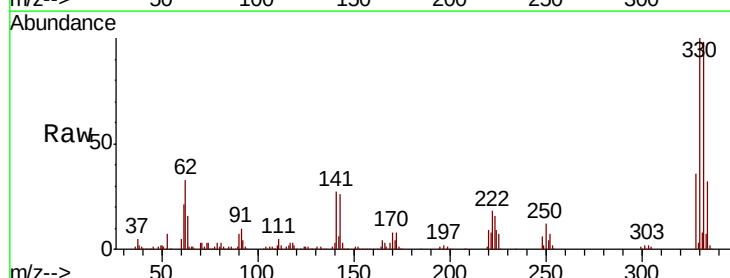
Tgt Ion:330 Resp: 434494

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

141 26.7 23.4 35.0

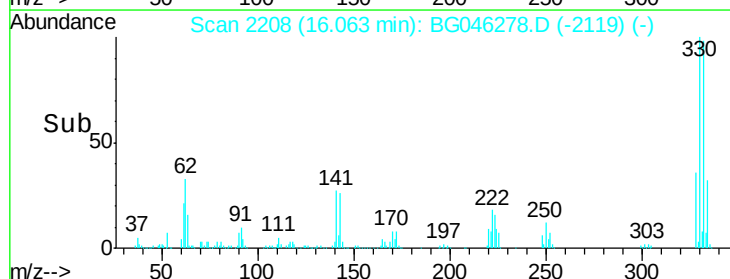
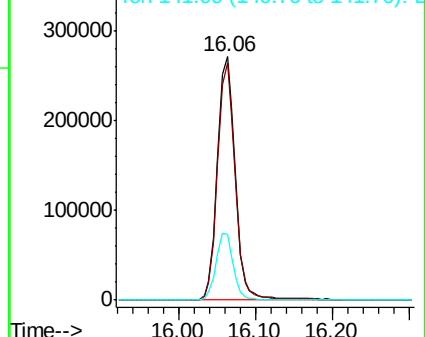


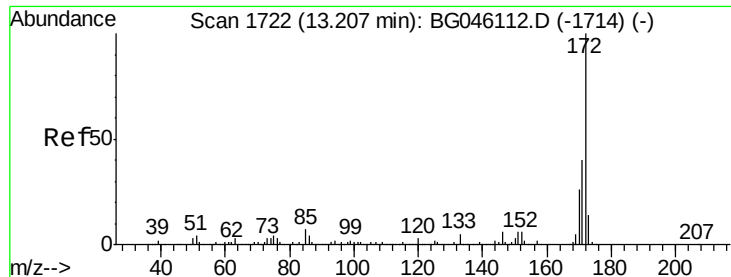
Abundance

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

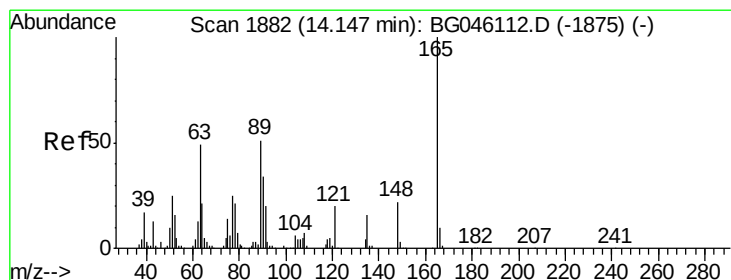
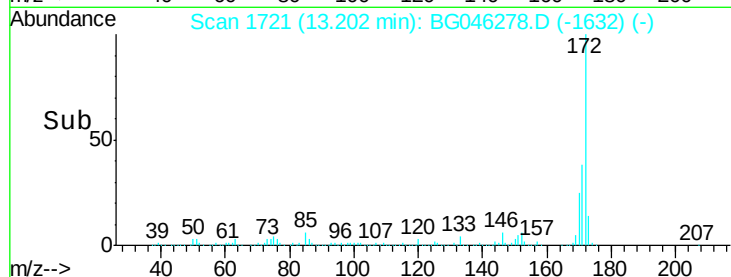
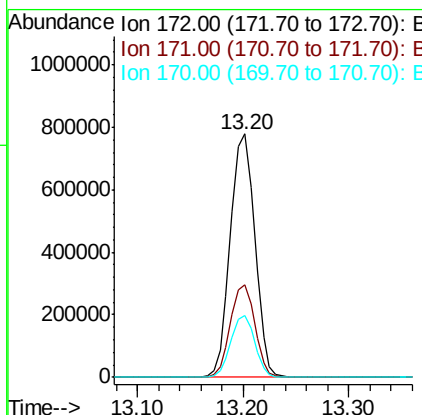
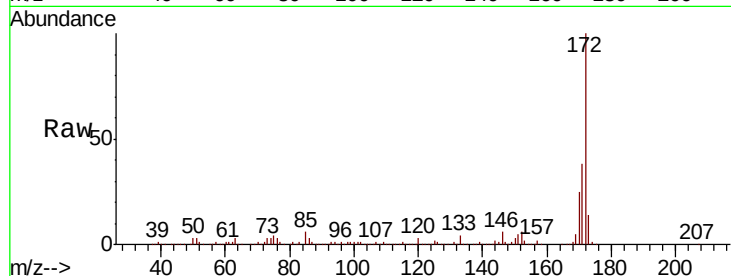




#45
2-Fluorobiphenyl
Concen: 77.359 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG046278.D
Acq: 14 Aug 2020 16:38

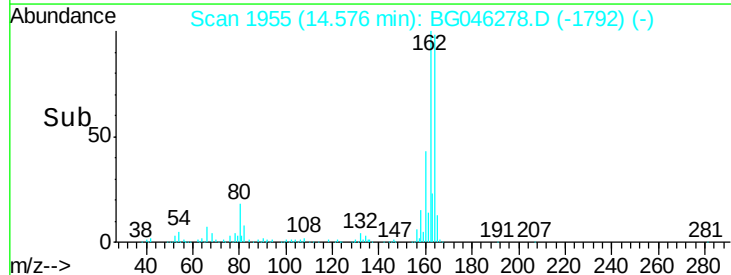
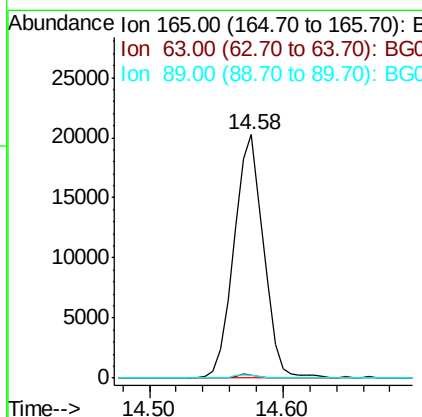
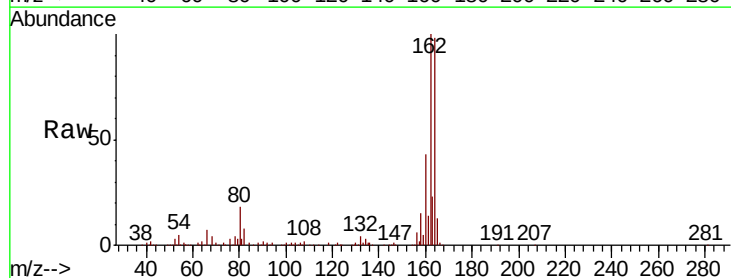
Instrument :
BNA_G
ClientSampleId :
SP1-1

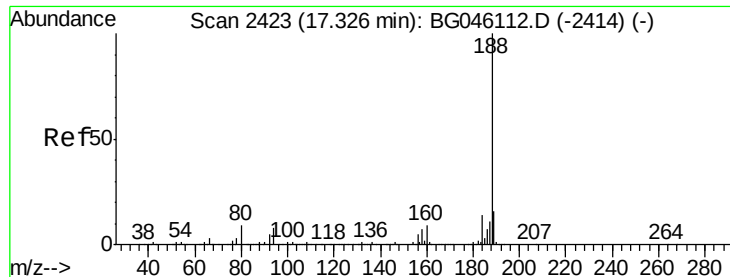
Tot Ion:172 Resp: 1254604
Ion Ratio Lower Upper
172 100
171 38.2 31.7 47.5
170 25.3 20.9 31.3



#51
2,6-Dinitrotoluene
Concen: 7.366 ng
RT: 14.58 min Scan# 1955
Delta R.T. 0.43 min
Lab File: BG046278.D
Acq: 14 Aug 2020 16:38

Tgt Ion:165 Resp: 30998
Ion Ratio Lower Upper
165 100
63 1.3 39.7 59.5#
89 1.4 41.0 61.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BG046278.D

Acq: 14 Aug 2020 16:38

Instrument :

BNA_G

ClientSampleId :

SP1-1

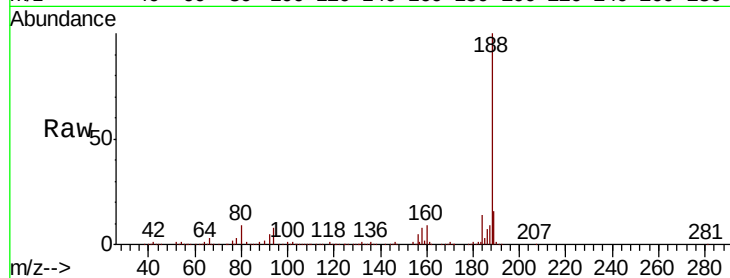
Tot Ion:188 Resp: 566736

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

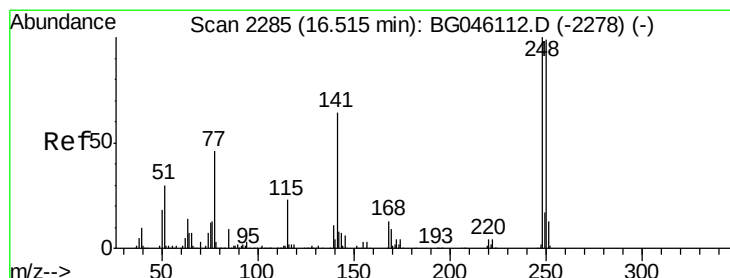
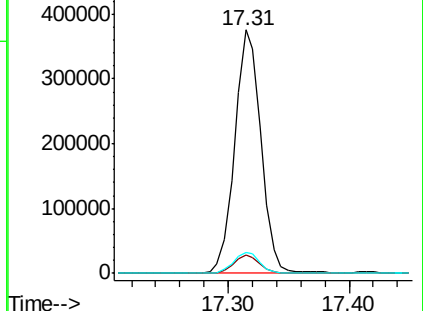
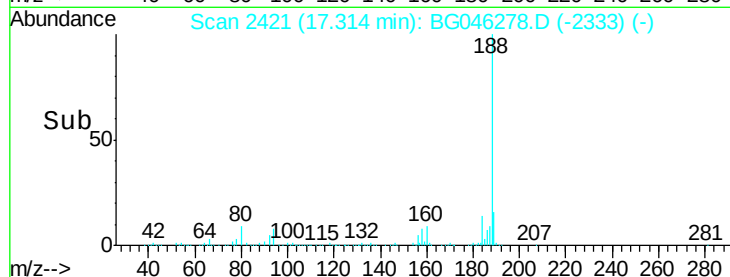
80 8.7 7.4 11.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#67

4-Bromophenyl-phenylether

Concen: 3.772 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.46 min

Lab File: BG046278.D

Acq: 14 Aug 2020 16:38

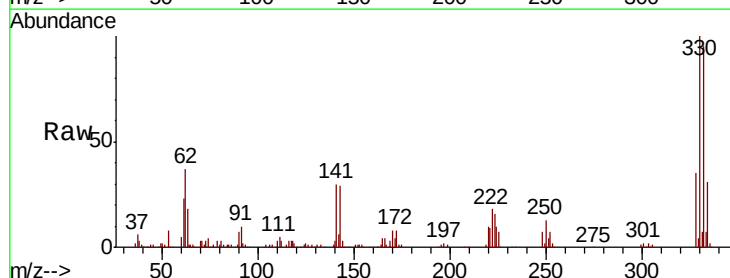
Tgt Ion:248 Resp: 26410

Ion Ratio Lower Upper

248 100

250 187.9 79.4 119.0#

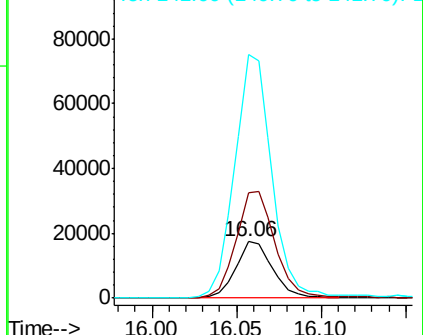
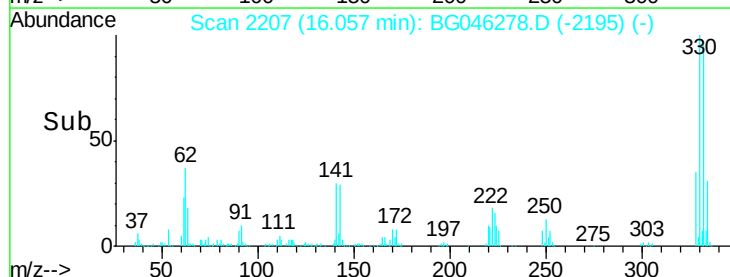
141 433.9 50.9 76.3#

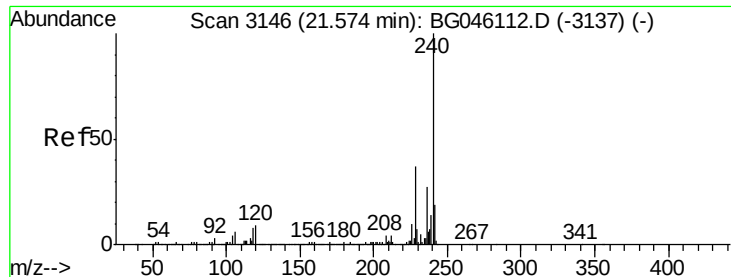


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG046278.D

Acq: 14 Aug 2020 16:38

Instrument :

BNA_G

ClientSampled :

SP1-1

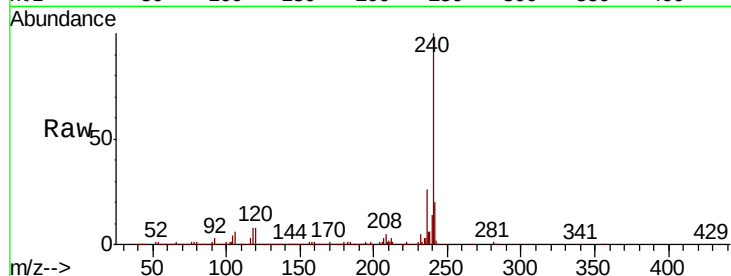
Tot Ion:240 Resp: 650320

Ion Ratio Lower Upper

240 100

120 8.4 7.1 10.7

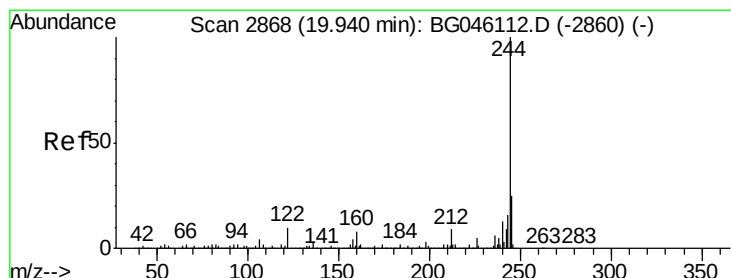
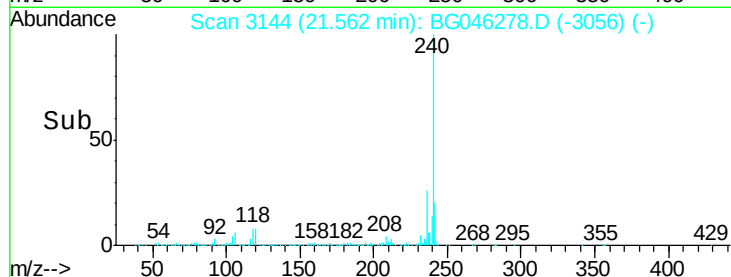
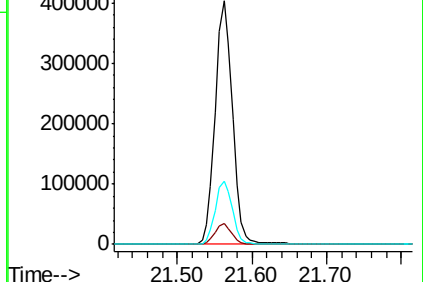
236 26.1 21.7 32.5



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: 66.658 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046278.D

Acq: 14 Aug 2020 16:38

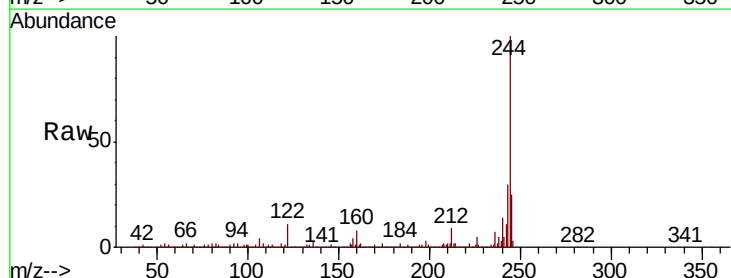
Tgt Ion:244 Resp: 2128458

Ion Ratio Lower Upper

244 100

212 9.1 7.2 10.8

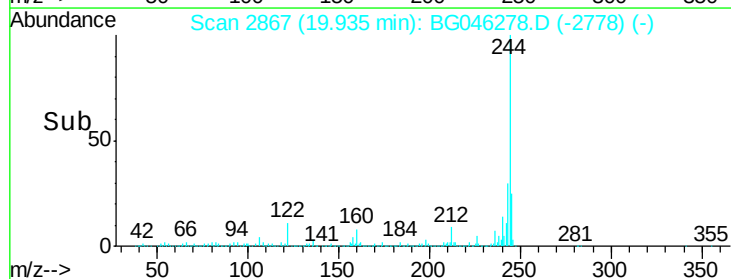
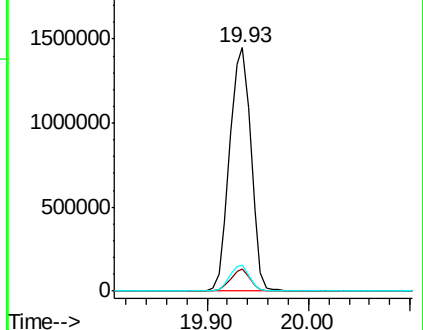
122 10.5 8.3 12.5

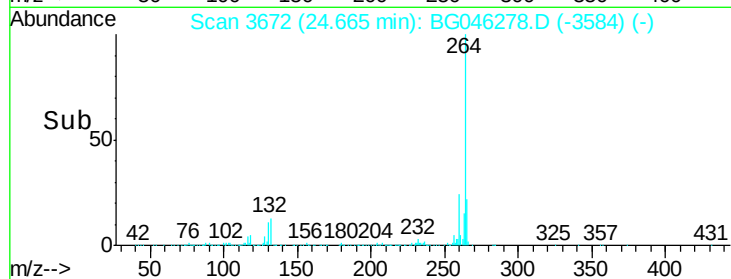
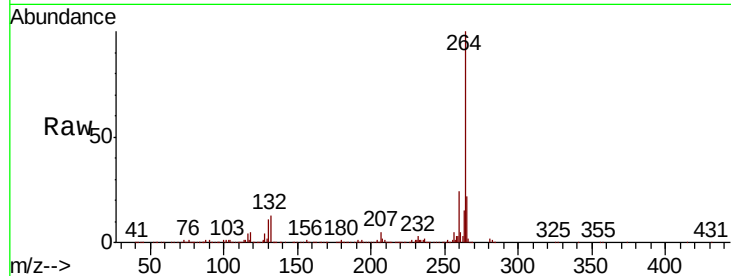
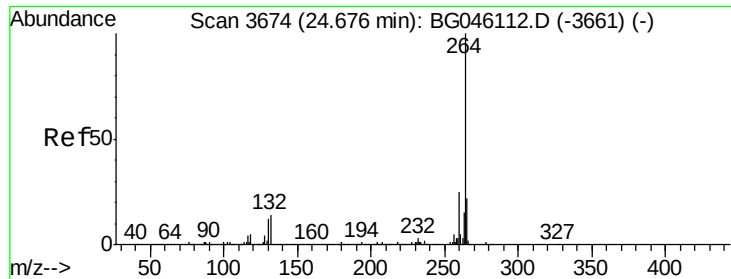


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BG046278.D
Acq: 14 Aug 2020 16:38

Instrument :
BNA_G
ClientSampleId :
SP1-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	22.0	17.6	26.4

