

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
 Data File : BG058615.D
 Acq On : 4 Aug 2023 17:31
 Operator : MA/JU
 Sample : 03840-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BUILDING-B-13-(0-5)

Quant Time: Aug 04 23:23:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

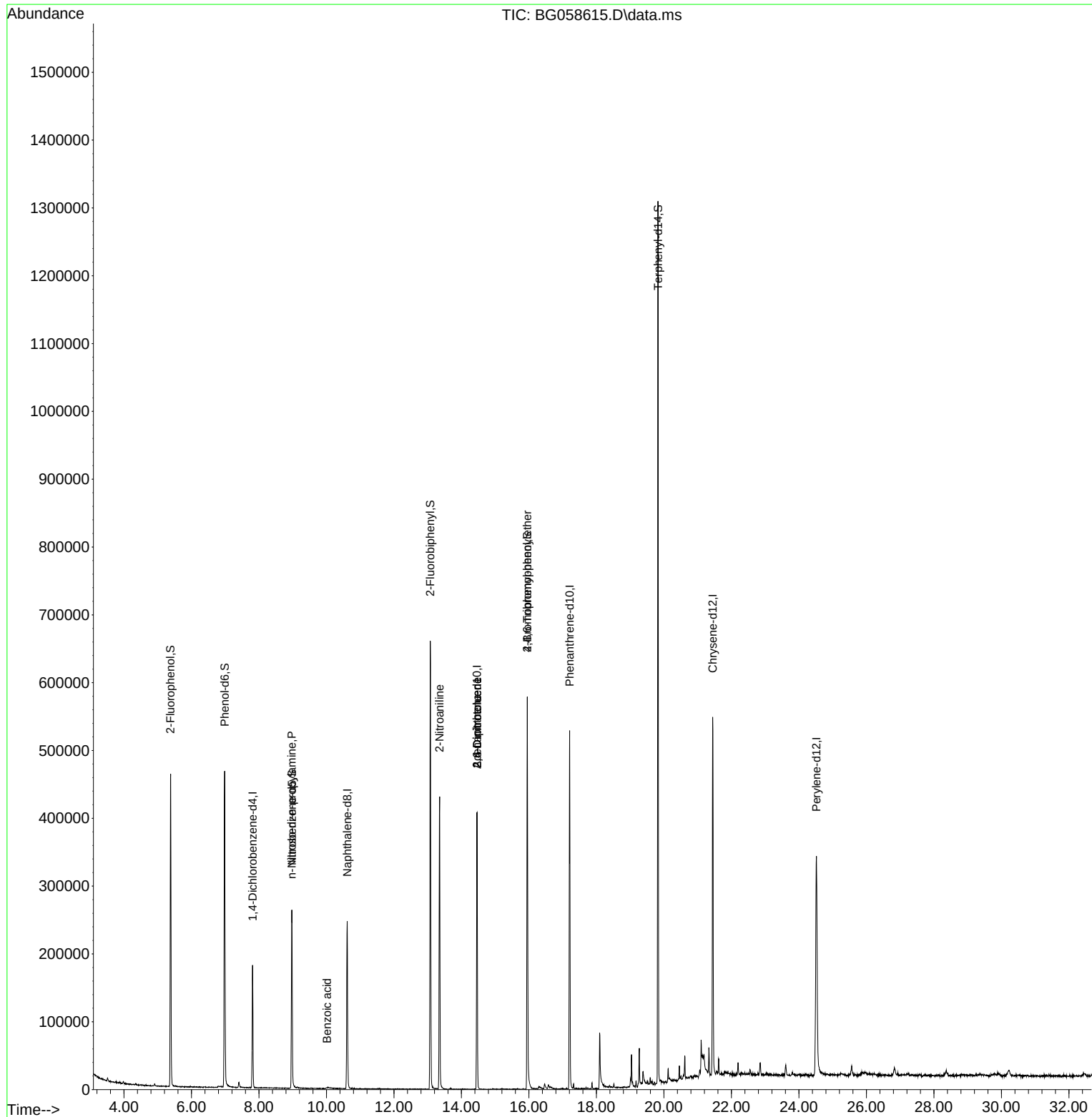
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	47820	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	214432	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	154657	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	352837	20.000	ng	0.00
76) Chrysene-d12	21.443	240	316143	20.000	ng	0.00
86) Perylene-d12	24.516	264	388374	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	201931	64.543	ng	0.00
7) Phenol-d6	6.984	99	290255	66.672	ng	0.00
23) Nitrobenzene-d5	8.975	82	170720	39.111	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	138601	54.676	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	379896	36.811	ng	0.00
79) Terphenyl-d14	19.821	244	686157	40.815	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.969	70	20145	7.164	ng	# 80
32) Benzoic acid	10.015	122	488	4.743	ng	89
48) 2-Nitroaniline	13.353	65	7934	2.510	ng	# 20
51) 2,6-Dinitrotoluene	14.463	165	19074	7.484	ng	# 24
57) 2,4-Dinitrotoluene	14.463	165	19074	5.398	ng	# 24
67) 4-Bromophenyl-phenylether	15.950	248	8744	2.185	ng	# 1

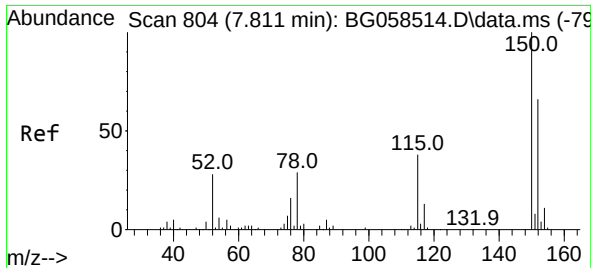
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BUILDING-B-13-(0-5)

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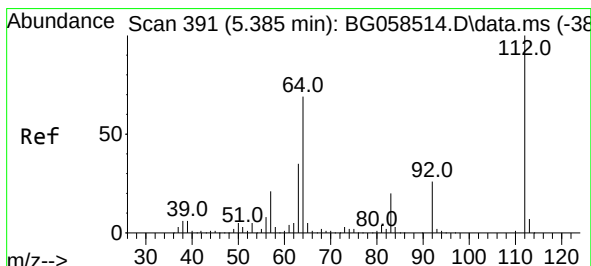
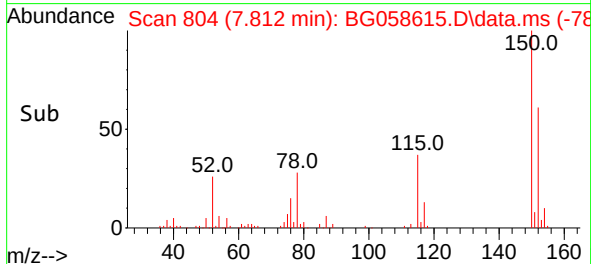
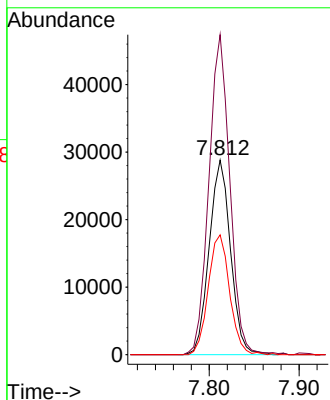
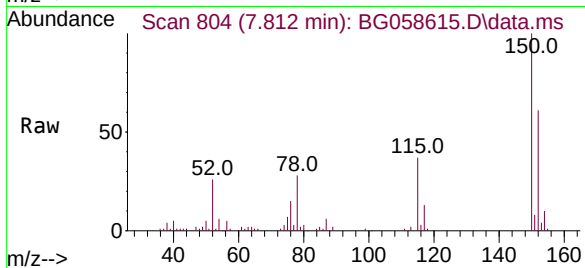




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058615.D
Acq: 4 Aug 2023 17:31

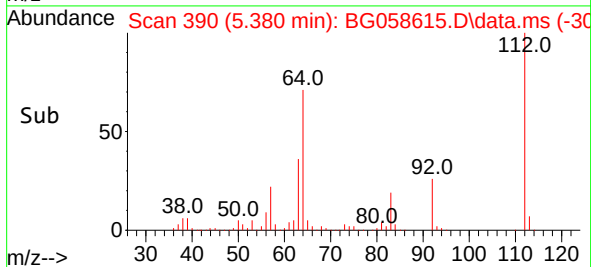
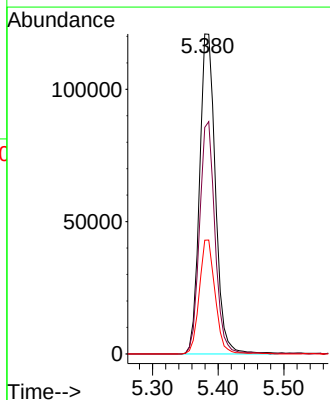
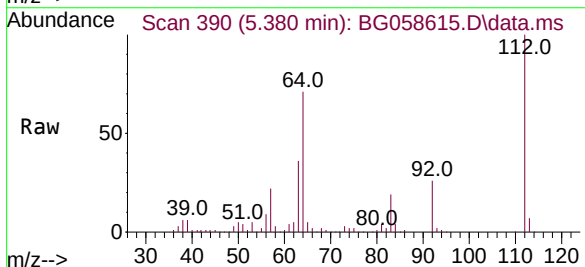
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-13-(0-5)

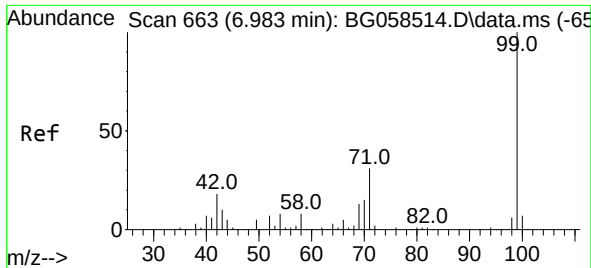
Tgt Ion:152 Resp: 47820
Ion Ratio Lower Upper
152 100
150 164.5 120.5 180.7
115 61.5 45.9 68.9



#5
2-Fluorophenol
Concen: 64.543 ng
RT: 5.380 min Scan# 390
Delta R.T. -0.005 min
Lab File: BG058615.D
Acq: 4 Aug 2023 17:31

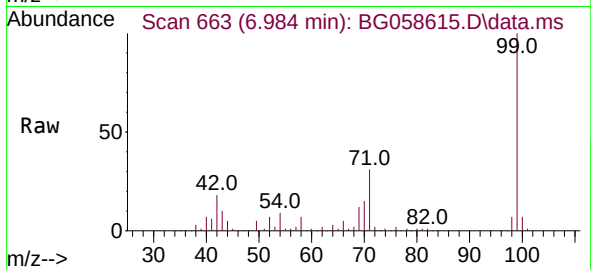
Tgt Ion:112 Resp: 201931
Ion Ratio Lower Upper
112 100
64 70.8 55.3 82.9
63 35.5 28.3 42.5



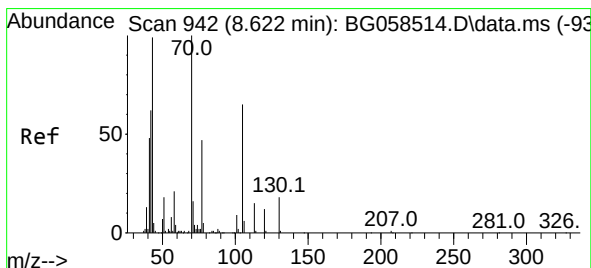
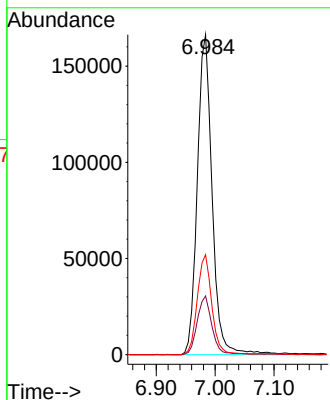
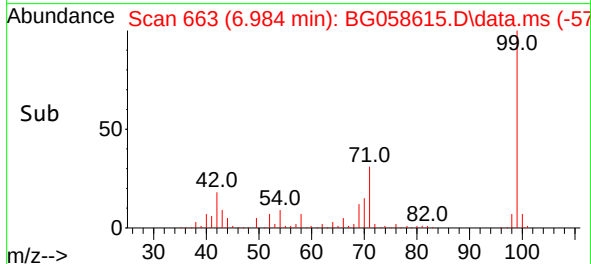


#7
Phenol-d6
Concen: 66.672 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058615.D
Acq: 4 Aug 2023 17:31

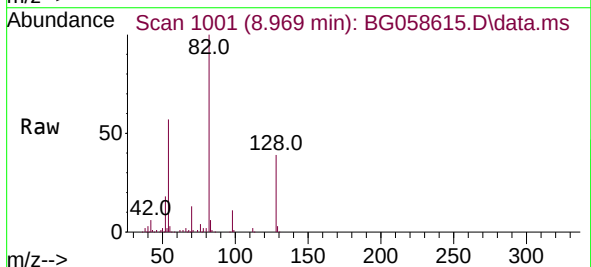
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-13-(0-5)



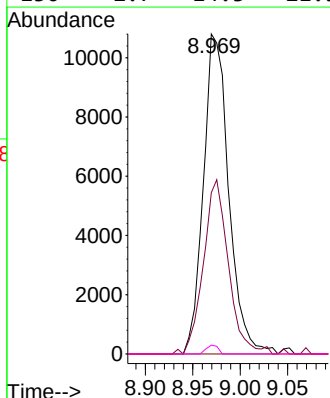
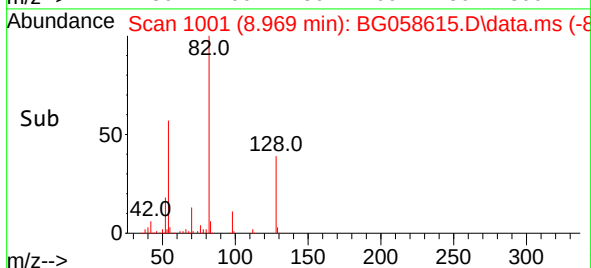
Tgt Ion: 99 Resp: 290255
Ion Ratio Lower Upper
99 100
42 18.3 14.6 21.8
71 31.2 25.0 37.4

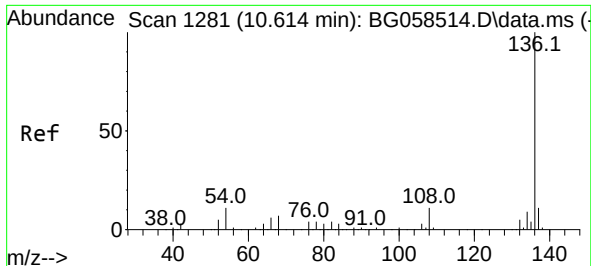


#19
n-Nitroso-di-n-propylamine
Concen: 7.164 ng
RT: 8.969 min Scan# 1001
Delta R.T. 0.347 min
Lab File: BG058615.D
Acq: 4 Aug 2023 17:31



Tgt Ion: 70 Resp: 20145
Ion Ratio Lower Upper
70 100
42 50.4 49.7 74.5
101 0.0 7.0 10.4#
130 2.7 14.3 21.5#

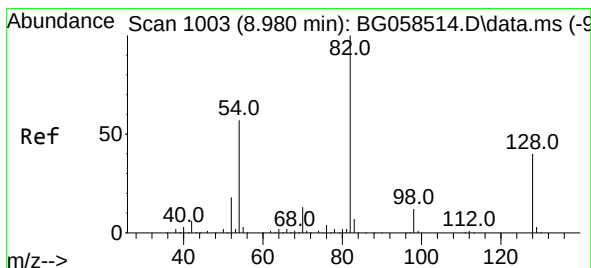
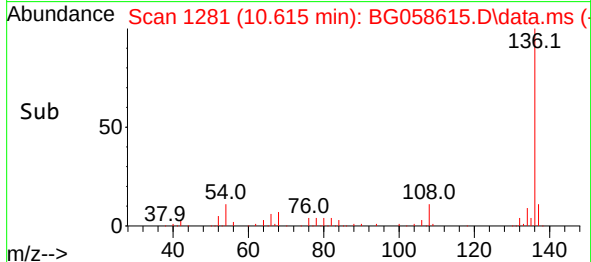
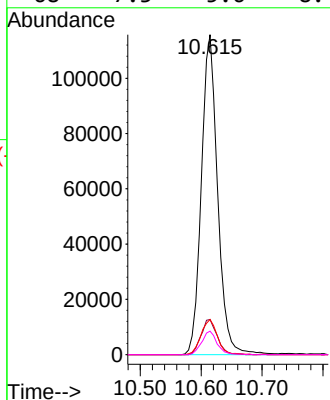
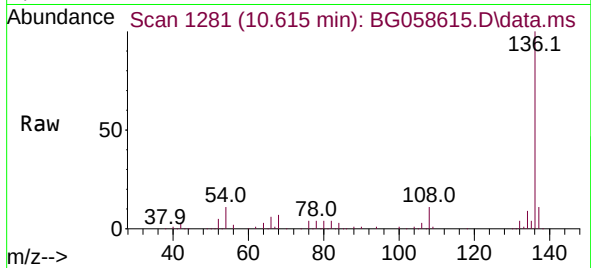




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058615.D
Acq: 4 Aug 2023 17:31

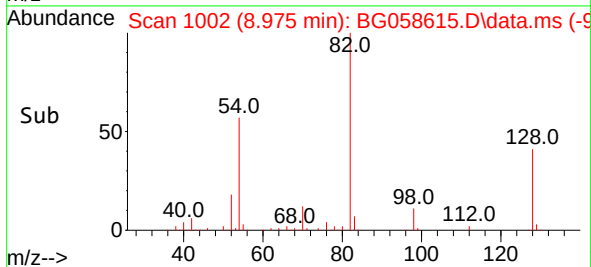
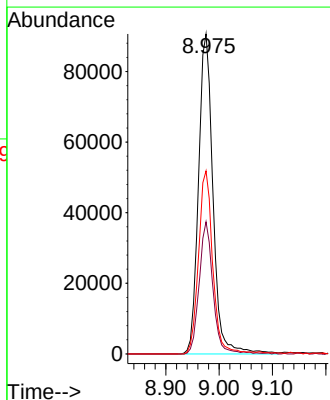
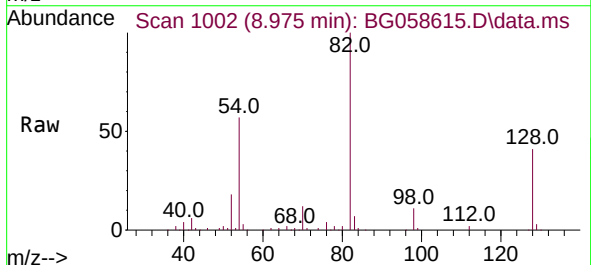
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-13-(0-5)

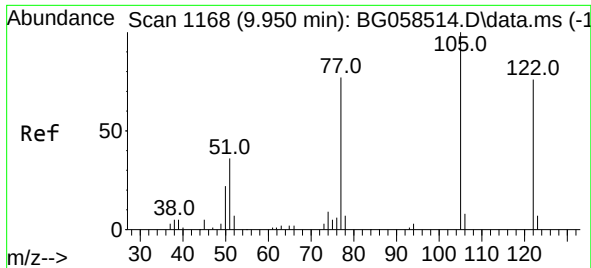
Tgt Ion:	136	Resp:	214432
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	11.0	8.9	13.3
68	7.3	5.6	8.4



#23
Nitrobenzene-d5
Concen: 39.111 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058615.D
Acq: 4 Aug 2023 17:31

Tgt Ion:	82	Resp:	170720
Ion Ratio	Lower	Upper	
82	100		
128	41.3	32.2	48.2
54	57.2	46.0	69.0

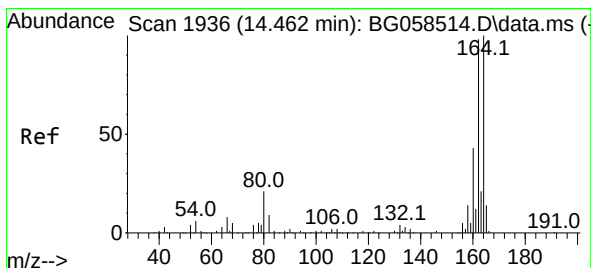
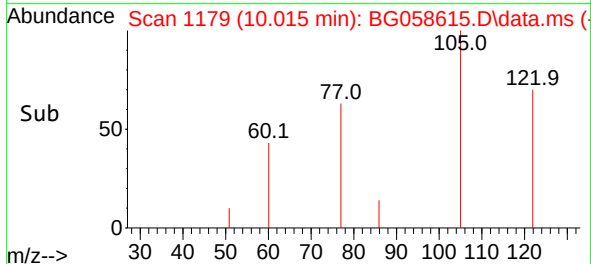
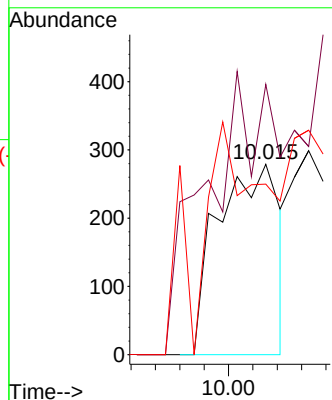
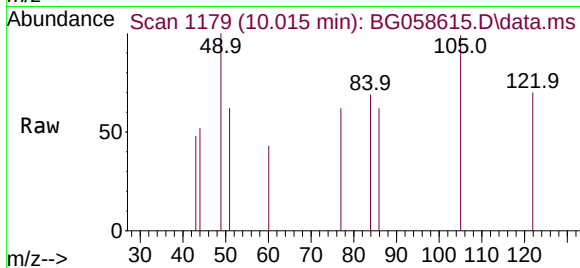




#32
Benzoic acid
Concen: 4.743 ng
RT: 10.015 min Scan# 1168
Delta R.T. 0.065 min
Lab File: BG058615.D
Acq: 4 Aug 2023 17:31

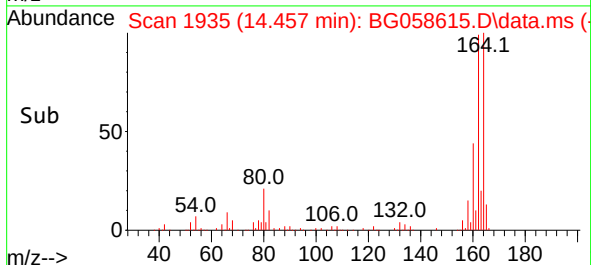
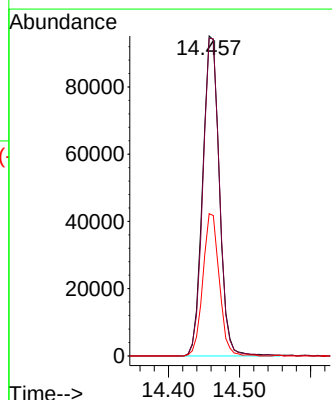
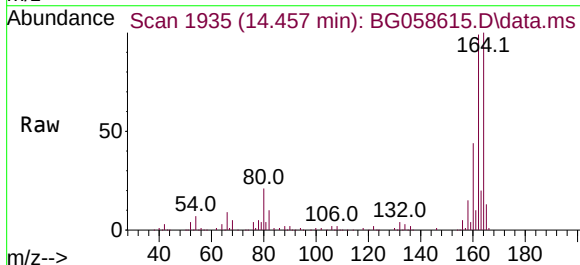
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-13-(0-5)

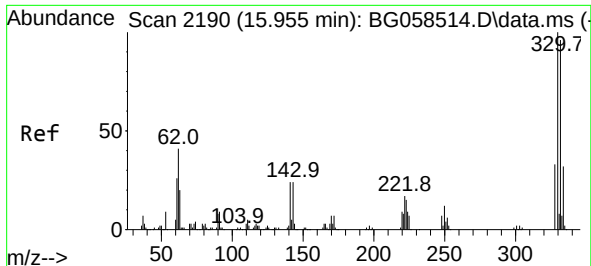
Tgt Ion:122 Resp: 488
Ion Ratio Lower Upper
122 100
105 141.9 106.5 146.5
77 89.6 78.1 118.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058615.D
Acq: 4 Aug 2023 17:31

Tgt Ion:164 Resp: 154657
Ion Ratio Lower Upper
164 100
162 99.2 78.3 117.5
160 44.4 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 54.676 ng

RT: 15.950 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG058615.D

Acq: 4 Aug 2023 17:31

Instrument :

BNA_G

ClientSampleId :

BUILDING-B-13-(0-5)

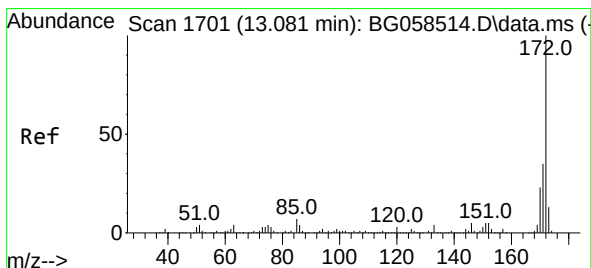
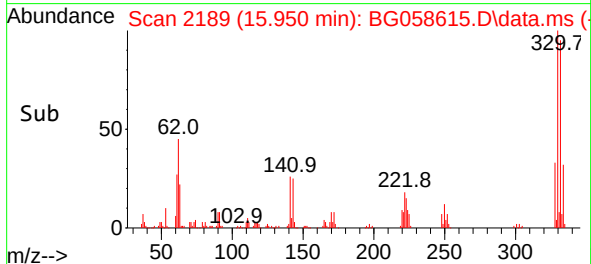
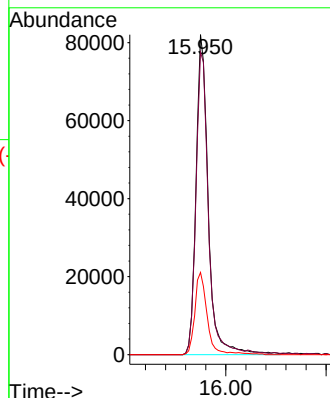
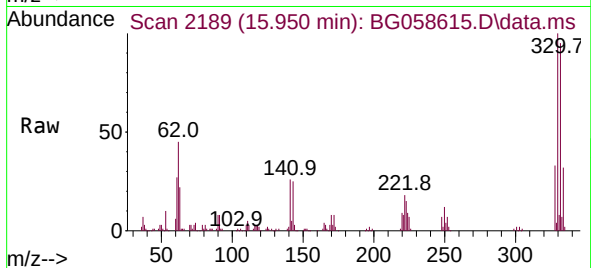
Tgt Ion:330 Resp: 138601

Ion Ratio Lower Upper

330 100

332 95.1 77.5 116.3

141 26.0 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 36.811 ng

RT: 13.076 min Scan# 1700

Delta R.T. -0.005 min

Lab File: BG058615.D

Acq: 4 Aug 2023 17:31

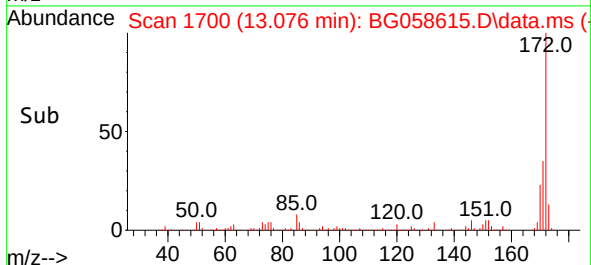
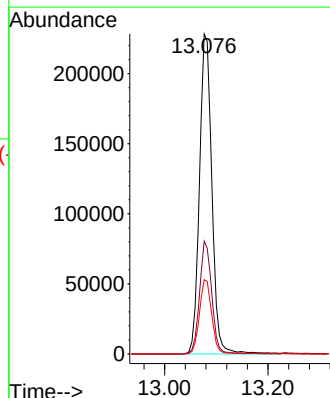
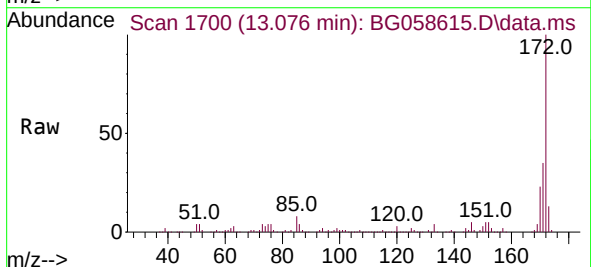
Tgt Ion:172 Resp: 379896

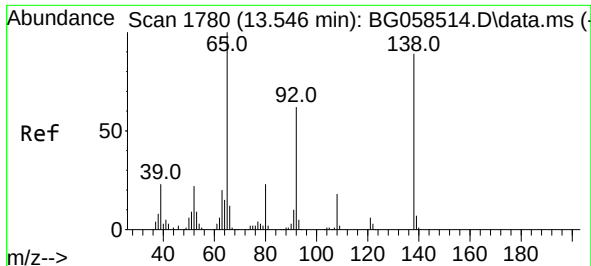
Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 23.2 18.4 27.6

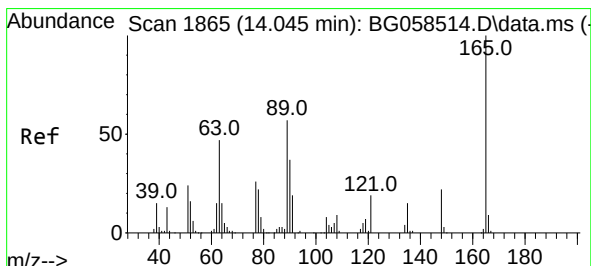
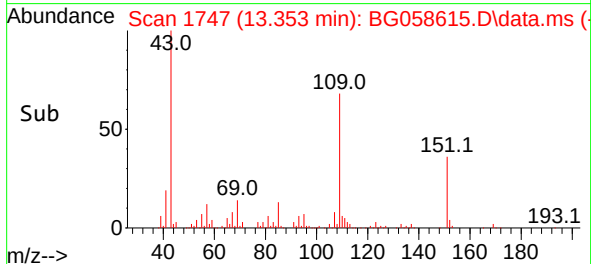
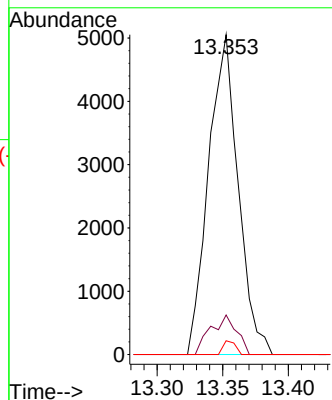
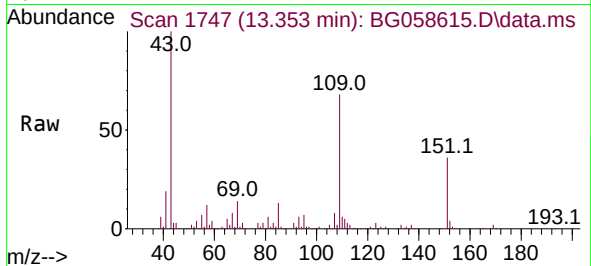




#48
2-Nitroaniline
Concen: 2.510 ng
RT: 13.353 min Scan# 11
Delta R.T. -0.193 min
Lab File: BG058615.D
Acq: 4 Aug 2023 17:31

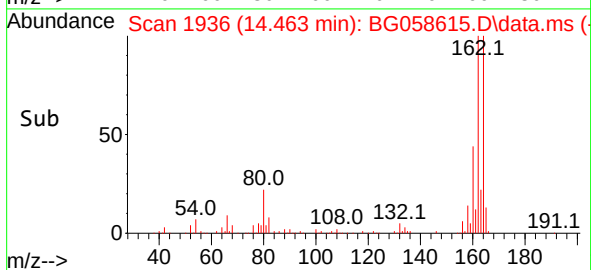
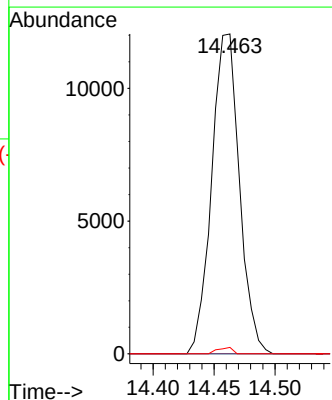
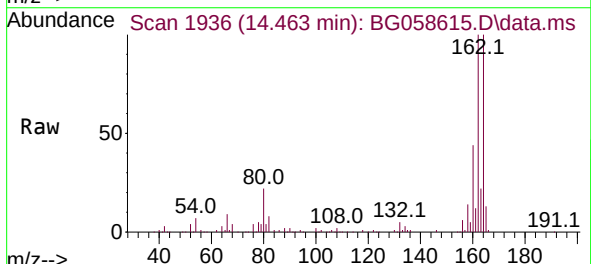
Instrument :
BNA_G
ClientSampleId :
BUILDING-B-13-(0-5)

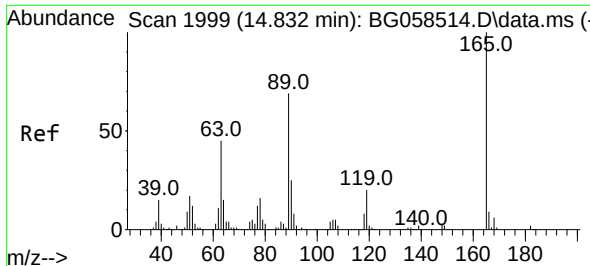
Tgt Ion: 65 Resp: 7934
Ion Ratio Lower Upper
65 100
92 12.3 49.2 73.8#
138 4.3 71.5 107.3#



#51
2,6-Dinitrotoluene
Concen: 7.484 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.418 min
Lab File: BG058615.D
Acq: 4 Aug 2023 17:31

Tgt Ion:165 Resp: 19074
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 2.0 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.398 ng

RT: 14.463 min Scan# 19

Delta R.T. -0.369 min

Lab File: BG058615.D

Acq: 4 Aug 2023 17:31

Instrument :

BNA_G

ClientSampleId :

BUILDING-B-13-(0-5)

Tgt Ion:165 Resp: 19074

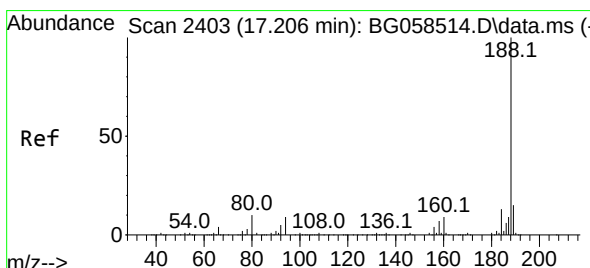
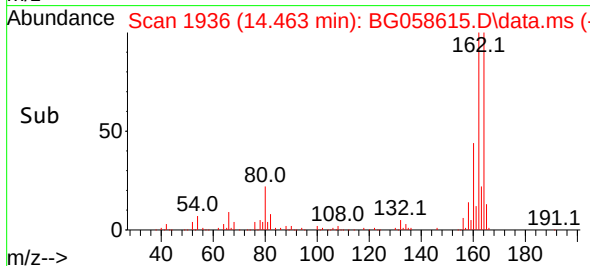
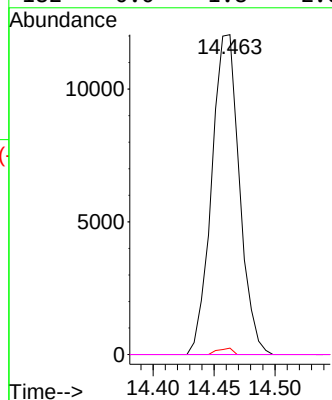
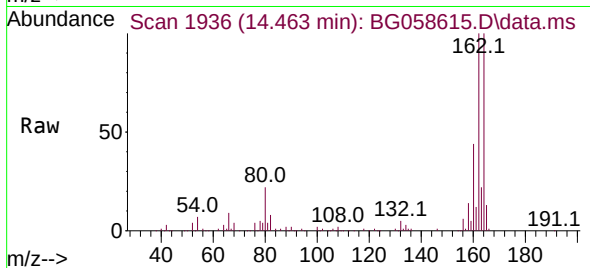
Ion Ratio Lower Upper

165 100

63 0.0 36.6 54.8#

89 2.0 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 2403

Delta R.T. 0.001 min

Lab File: BG058615.D

Acq: 4 Aug 2023 17:31

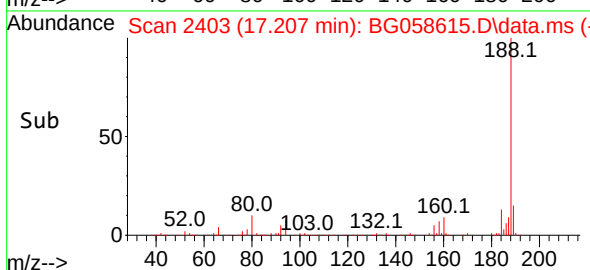
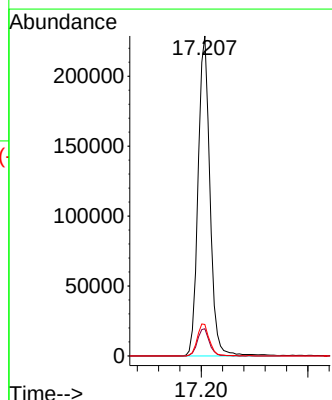
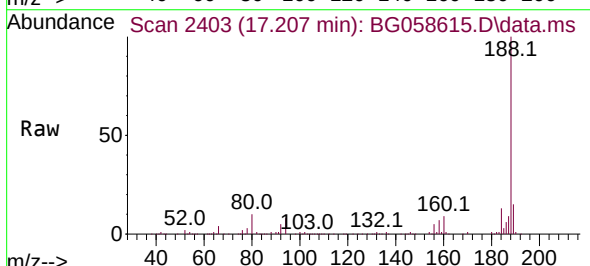
Tgt Ion:188 Resp: 352837

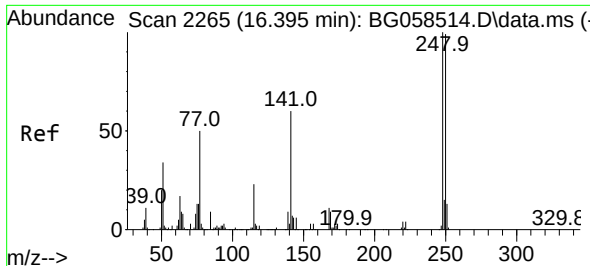
Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

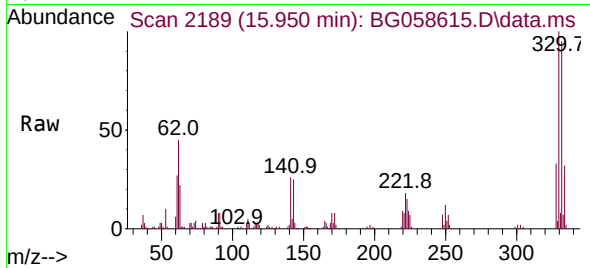
80 9.8 8.1 12.1



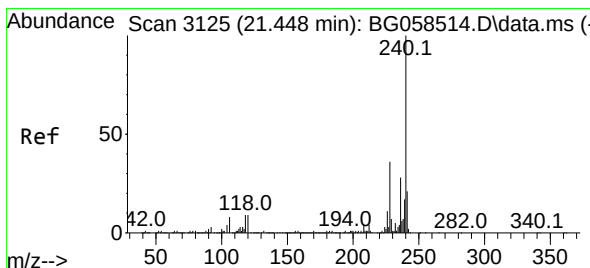
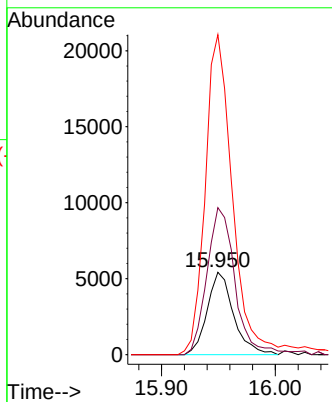
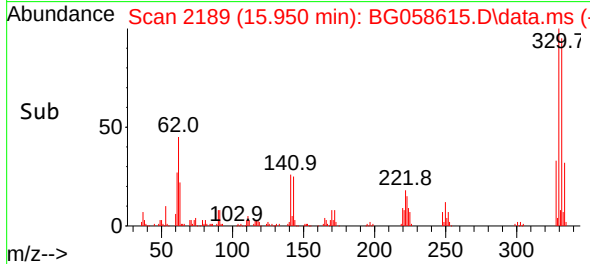


#67
4-Bromophenyl-phenylether
Concen: 2.185 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.446 min
Lab File: BG058615.D
Acq: 4 Aug 2023 17:31

Instrument :
BNA_G
ClientSampleId :
BUILDING-B-13-(0-5)

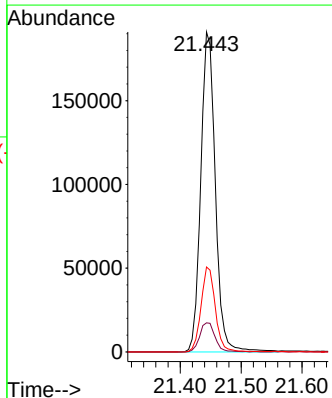
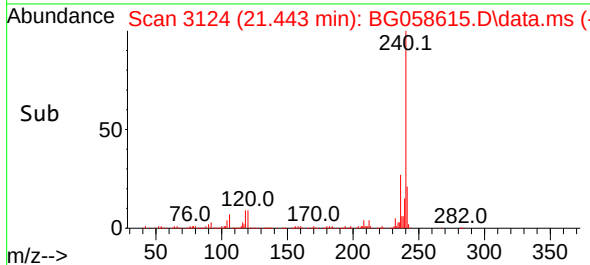
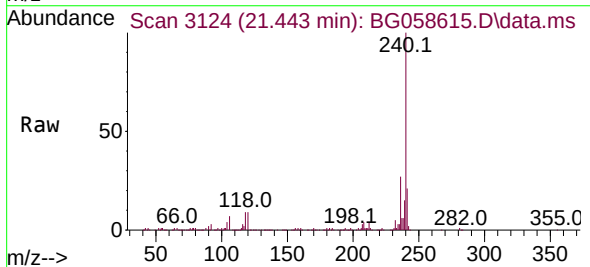


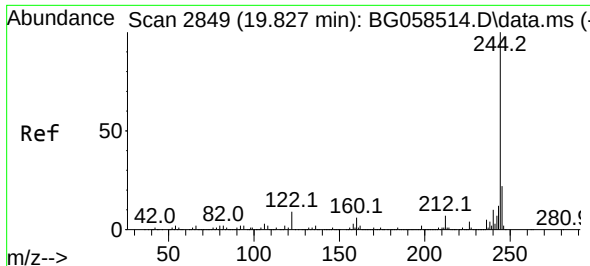
Tgt Ion:248 Resp: 8744
Ion Ratio Lower Upper
248 100
250 178.6 79.5 119.3#
141 388.8 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.005 min
Lab File: BG058615.D
Acq: 4 Aug 2023 17:31

Tgt Ion:240 Resp: 316143
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 26.5 22.2 33.4

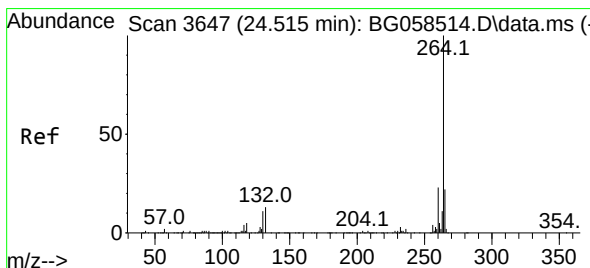
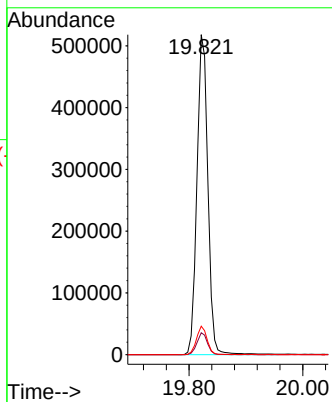
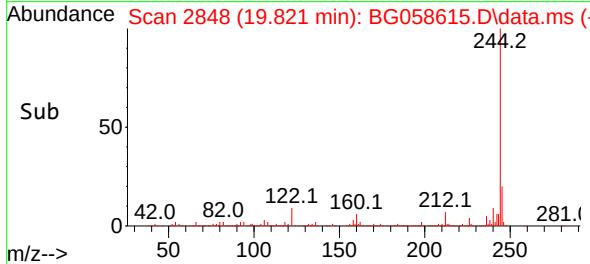
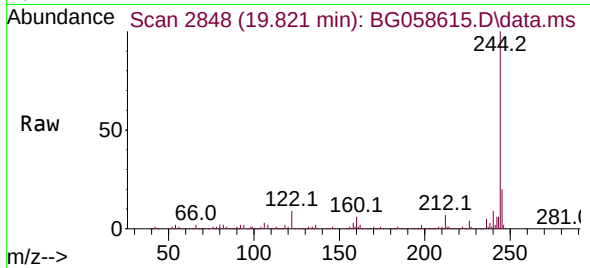




#79
 Terphenyl-d14
 Concen: 40.815 ng
 RT: 19.821 min Scan# 2848
 Delta R.T. -0.005 min
 Lab File: BG058615.D
 Acq: 4 Aug 2023 17:31

Instrument :
 BNA_G
 ClientSampleId :
 BUILDING-B-13-(0-5)

Tgt Ion:244 Resp: 686157
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 8.9 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 3647
 Delta R.T. 0.001 min
 Lab File: BG058615.D
 Acq: 4 Aug 2023 17:31

Tgt Ion:264 Resp: 388374
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 21.7 17.9 26.9

