

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011624\
 Data File : BG060338.D
 Acq On : 16 Jan 2024 16:16
 Operator : MA/JU
 Sample : P1146-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2ND-FLOOR-SAMPLE-A

Quant Time: Jan 16 16:49:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

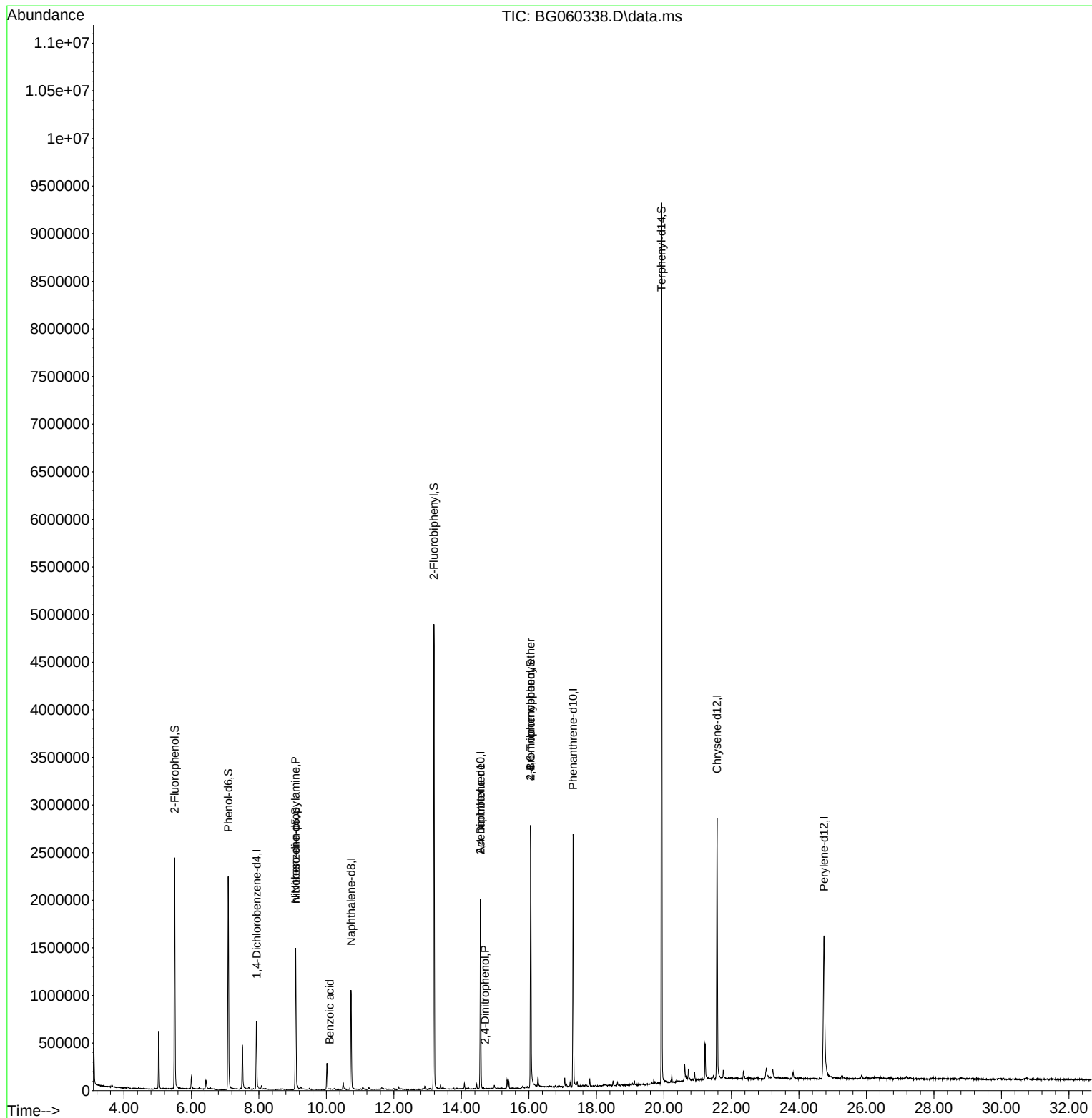
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	231823	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	943828	20.000	ng	0.00
39) Acenaphthene-d10	14.564	164	701291	20.000	ng	0.00
64) Phenanthrene-d10	17.308	188	1828189	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1710481	20.000	ng	0.00
86) Perylene-d12	24.741	264	1935152	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1232372	87.437	ng	0.00
7) Phenol-d6	7.091	99	1549292	74.233	ng	0.00
23) Nitrobenzene-d5	9.088	82	1051337	52.599	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	669657	64.902	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	2758989	54.697	ng	0.00
79) Terphenyl-d14	19.929	244	4470541	58.579	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.088	70	123200	8.529	ng	Qvalue # 83
32) Benzoic acid	10.099	122	63	10.206	ng	# 1
54) 2,4-Dinitrophenol	14.700	184	62	8.595	ng	# 1
57) 2,4-Dinitrotoluene	14.564	165	96742	6.169	ng	# 25
67) 4-Bromophenyl-phenylether	16.051	248	40606	2.021	ng	# 1

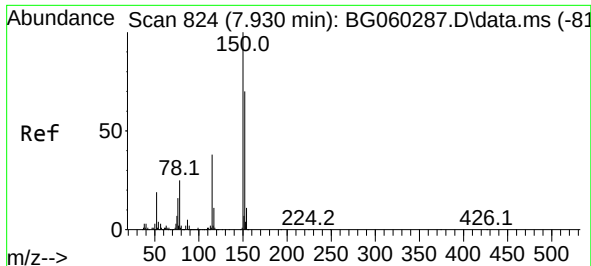
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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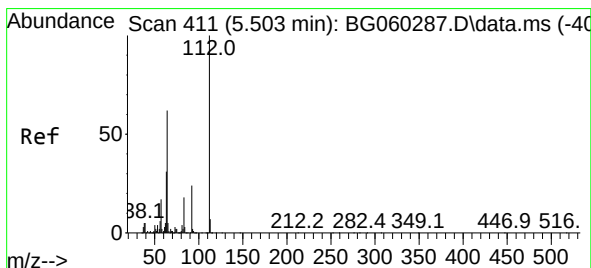
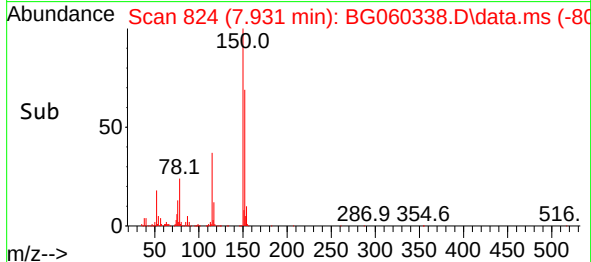
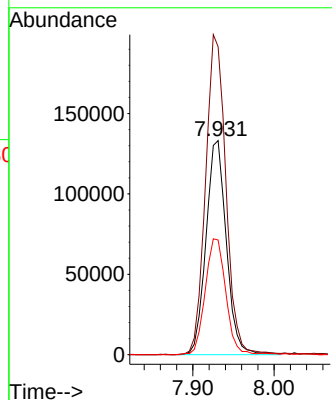
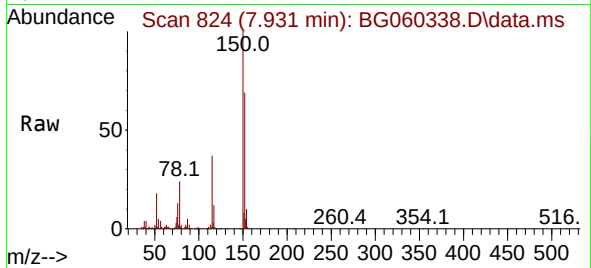




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG060338.D
Acq: 16 Jan 2024 16:16

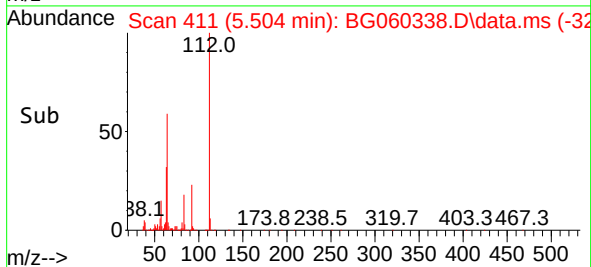
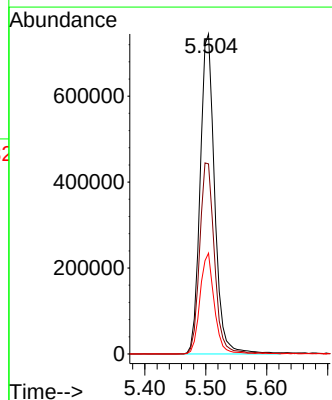
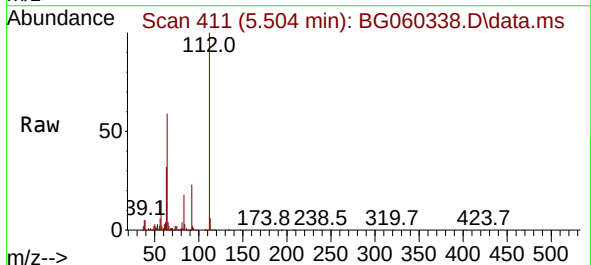
Instrument :
BNA_G
ClientSampleId :
2ND-FLOOR-SAMPLE-A

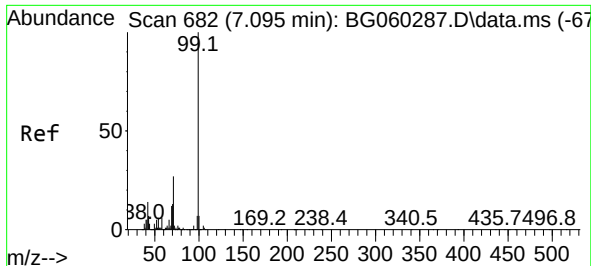
Tgt Ion:152 Resp: 231823
Ion Ratio Lower Upper
152 100
150 143.9 114.5 171.7
115 53.6 43.0 64.6



#5
2-Fluorophenol
Concen: 87.437 ng
RT: 5.504 min Scan# 411
Delta R.T. 0.001 min
Lab File: BG060338.D
Acq: 16 Jan 2024 16:16

Tgt Ion:112 Resp: 1232372
Ion Ratio Lower Upper
112 100
64 59.4 49.8 74.6
63 31.5 24.4 36.6



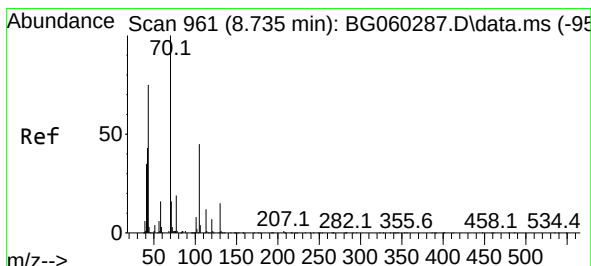
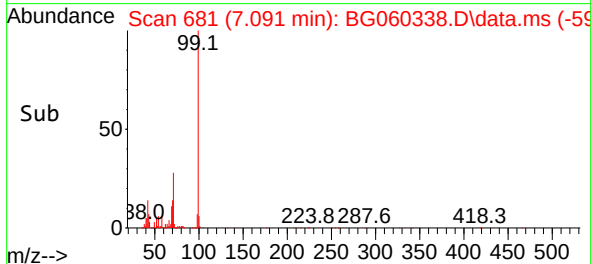
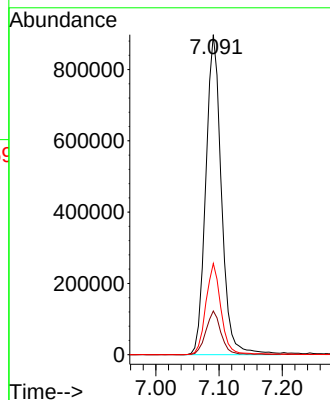
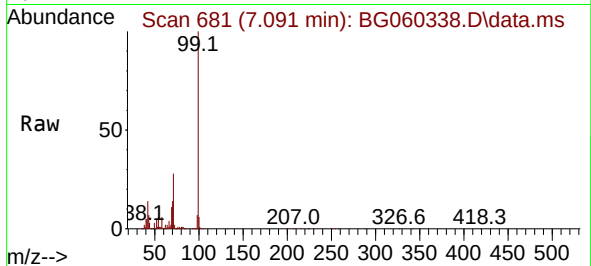


#7
Phenol-d6
Concen: 74.233 ng
RT: 7.091 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060338.D
Acq: 16 Jan 2024 16:16

Instrument :
BNA_G
ClientSampleId :
2ND-FLOOR-SAMPLE-A

Tgt Ion: 99 Resp: 1549292

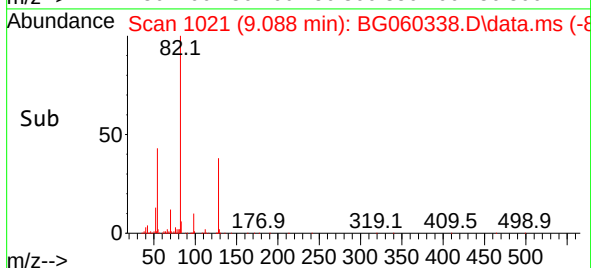
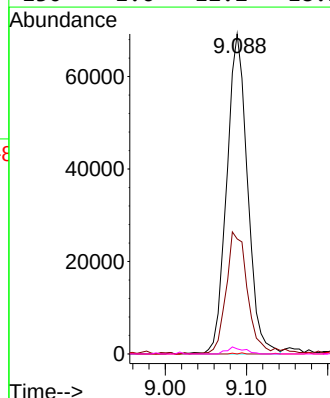
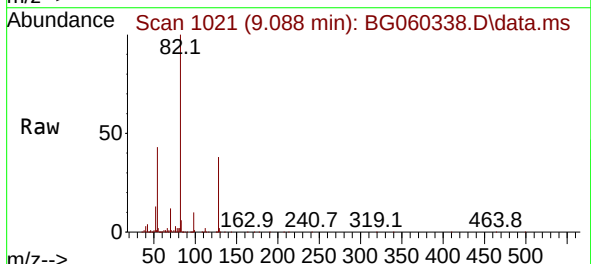
Ion	Ratio	Lower	Upper
99	100		
42	13.6	10.9	16.3
71	28.5	21.5	32.3

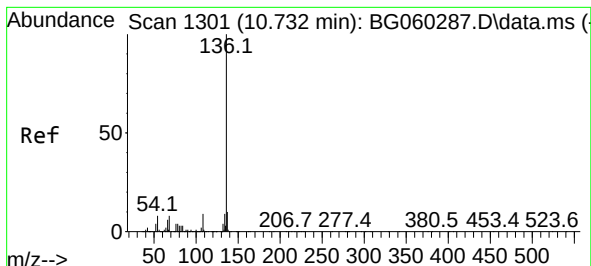


#19
n-Nitroso-di-n-propylamine
Concen: 8.529 ng
RT: 9.088 min Scan# 1021
Delta R.T. 0.354 min
Lab File: BG060338.D
Acq: 16 Jan 2024 16:16

Tgt Ion: 70 Resp: 123200

Ion	Ratio	Lower	Upper
70	100		
42	36.0	34.3	51.5
101	0.0	6.2	9.2#
130	1.6	12.2	18.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.728 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG060338.D

Acq: 16 Jan 2024 16:16

Instrument :

BNA_G

ClientSampleId :

2ND-FLOOR-SAMPLE-A

Tgt Ion:136 Resp: 943828

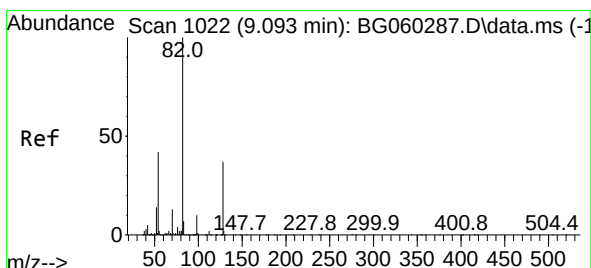
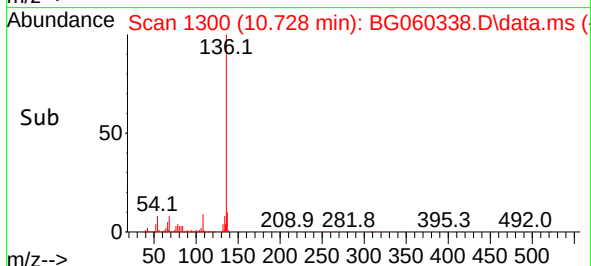
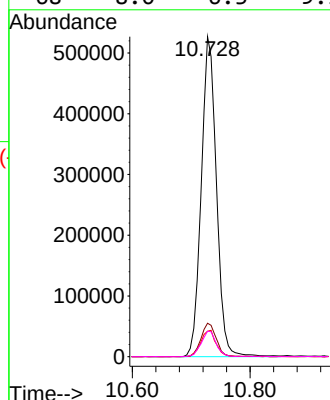
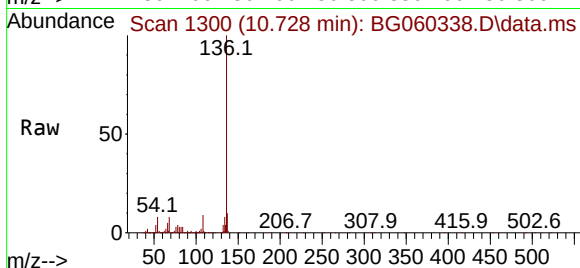
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

54 8.0 6.2 9.2

68 8.0 6.3 9.5



#23

Nitrobenzene-d5

Concen: 52.599 ng

RT: 9.088 min Scan# 1021

Delta R.T. -0.004 min

Lab File: BG060338.D

Acq: 16 Jan 2024 16:16

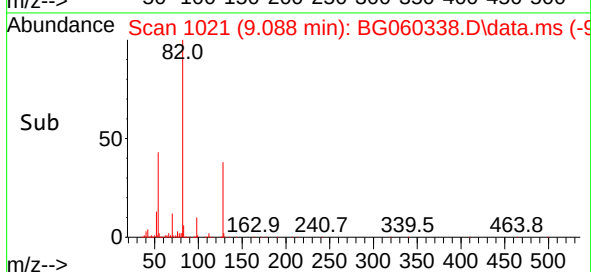
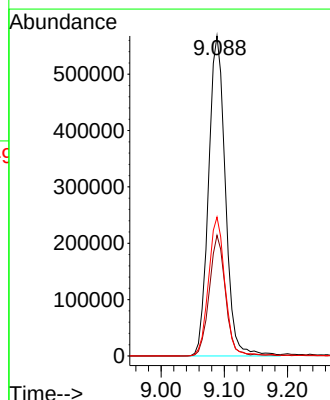
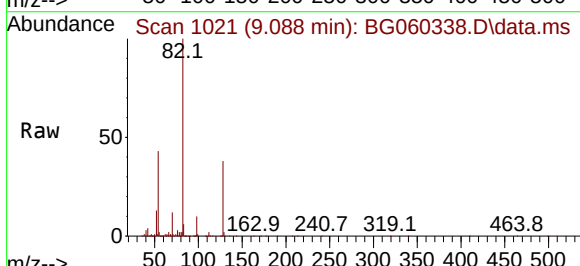
Tgt Ion: 82 Resp: 1051337

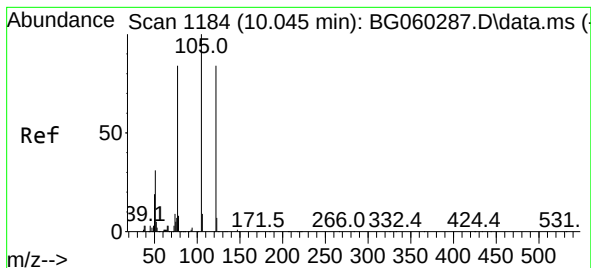
Ion Ratio Lower Upper

82 100

128 37.7 29.6 44.4

54 43.4 33.6 50.4

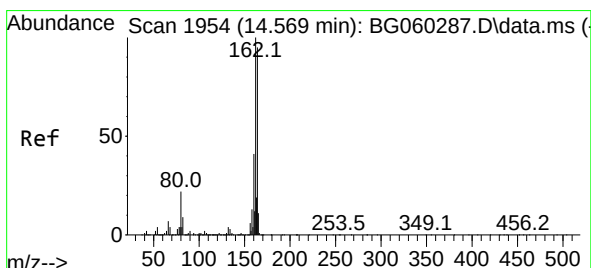
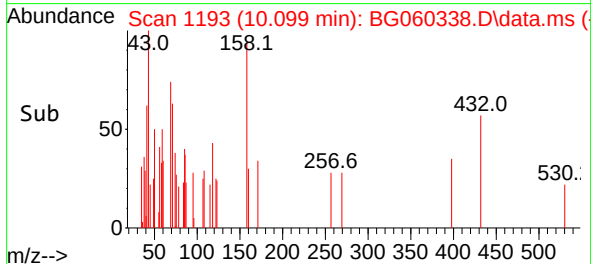
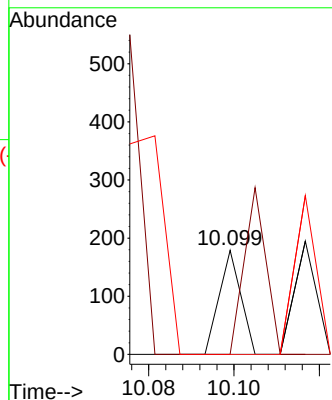
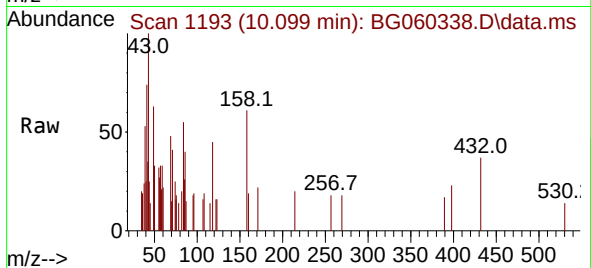




#32
Benzoic acid
Concen: 10.206 ng
RT: 10.099 min Scan# 1184
Delta R.T. 0.054 min
Lab File: BG060338.D
Acq: 16 Jan 2024 16:16

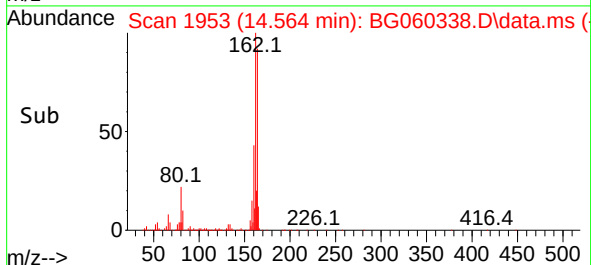
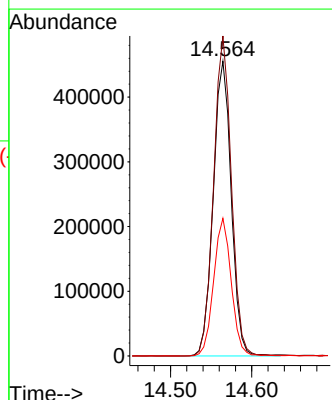
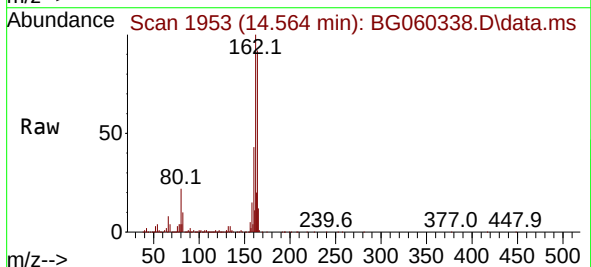
Instrument :
BNA_G
ClientSampleId :
2ND-FLOOR-SAMPLE-A

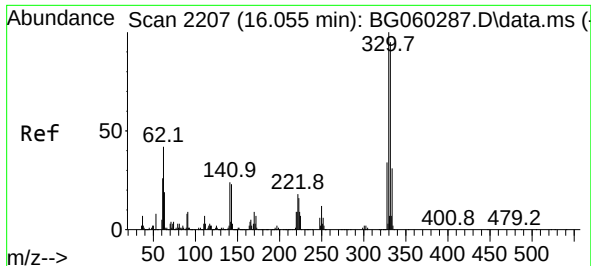
Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.564 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG060338.D
Acq: 16 Jan 2024 16:16

Tgt Ion:164 Resp: 701291
Ion Ratio Lower Upper
164 100
162 108.6 84.4 126.6
160 46.7 34.6 52.0

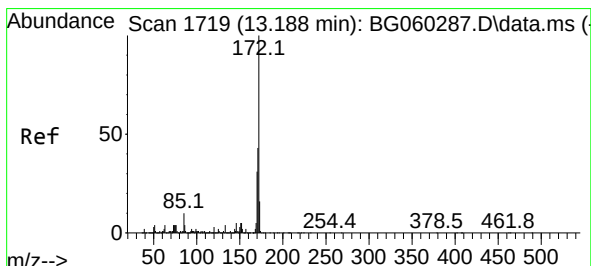
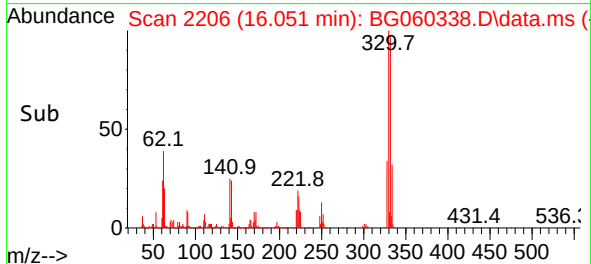
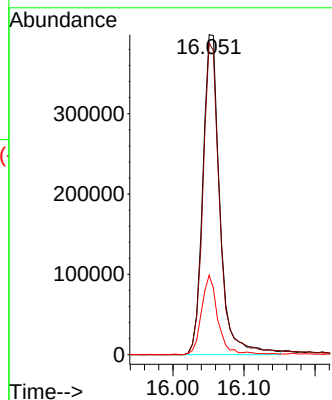
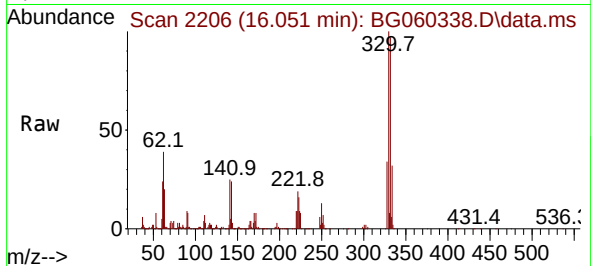




#42
2,4,6-Tribromophenol
Concen: 64.902 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060338.D
Acq: 16 Jan 2024 16:16

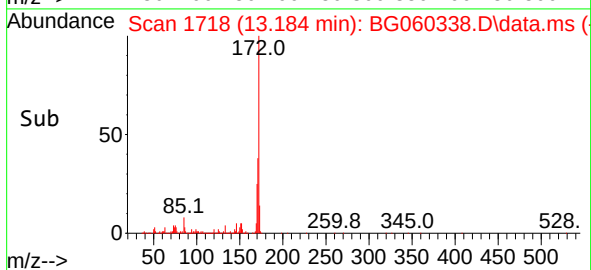
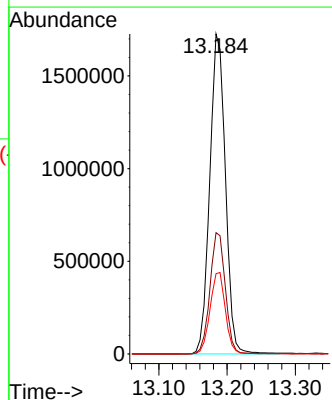
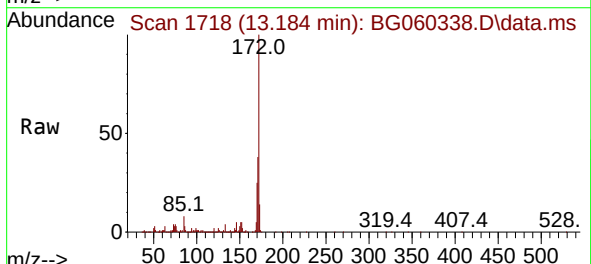
Instrument :
BNA_G
ClientSampleId :
2ND-FLOOR-SAMPLE-A

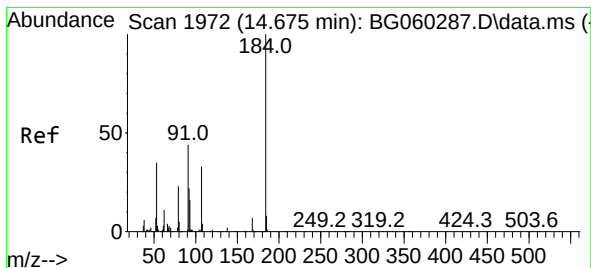
Tgt Ion:330 Resp: 669657
Ion Ratio Lower Upper
330 100
332 98.1 76.7 115.1
141 23.1 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 54.697 ng
RT: 13.184 min Scan# 1718
Delta R.T. -0.004 min
Lab File: BG060338.D
Acq: 16 Jan 2024 16:16

Tgt Ion:172 Resp: 2758989
Ion Ratio Lower Upper
172 100
171 37.9 34.6 51.8
170 25.1 24.4 36.6

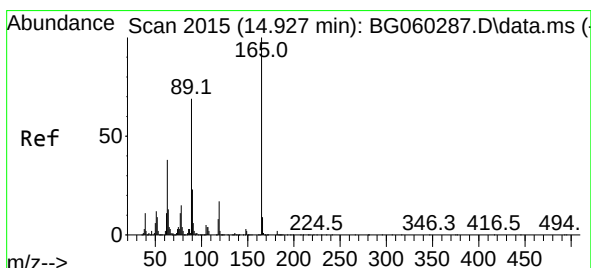
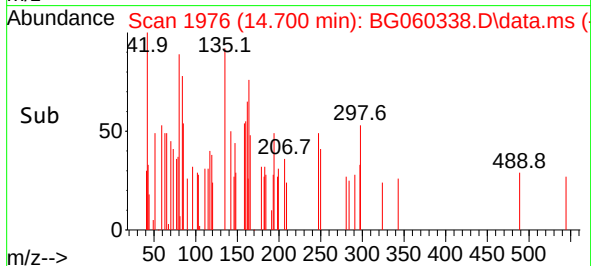
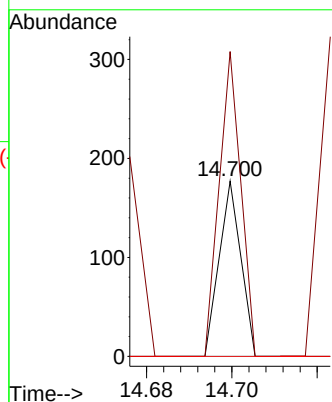
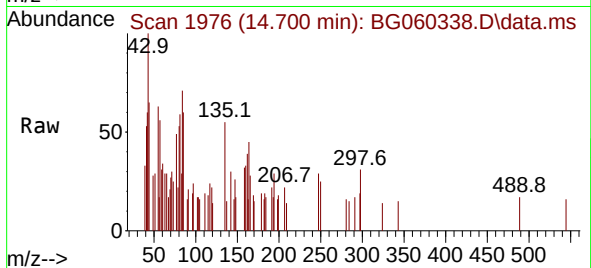




#54
2,4-Dinitrophenol
Concen: 8.595 ng
RT: 14.700 min Scan# 1972
Delta R.T. 0.025 min
Lab File: BG060338.D
Acq: 16 Jan 2024 16:16

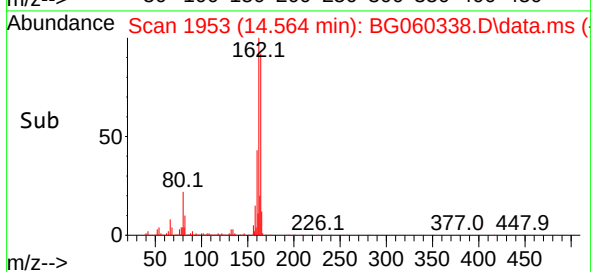
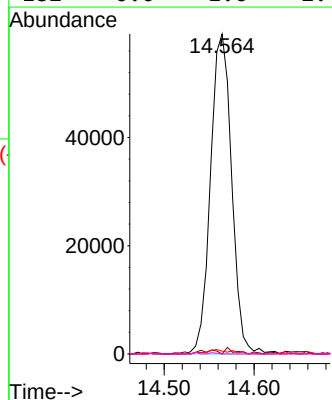
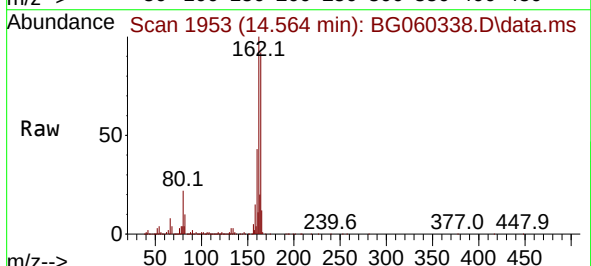
Instrument :
BNA_G
ClientSampleId :
2ND-FLOOR-SAMPLE-A

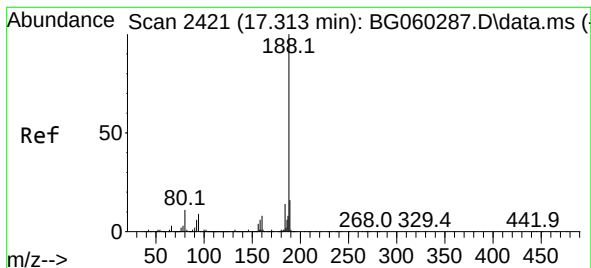
Tgt Ion:184 Resp: 62
Ion Ratio Lower Upper
184 100
63 174.0 41.0 61.4#
154 0.0 39.2 58.8#



#57
2,4-Dinitrotoluene
Concen: 6.169 ng
RT: 14.564 min Scan# 1953
Delta R.T. -0.363 min
Lab File: BG060338.D
Acq: 16 Jan 2024 16:16

Tgt Ion:165 Resp: 96742
Ion Ratio Lower Upper
165 100
63 0.0 30.4 45.6#
89 0.9 55.4 83.0#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.308 min Scan# 24

Delta R.T. -0.004 min

Lab File: BG060338.D

Acq: 16 Jan 2024 16:16

Instrument :

BNA_G

ClientSampleId :

2ND-FLOOR-SAMPLE-A

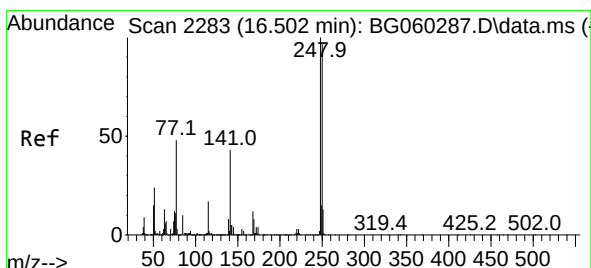
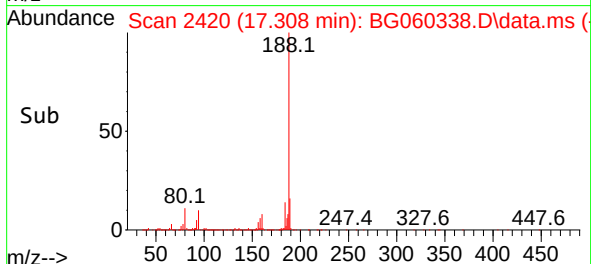
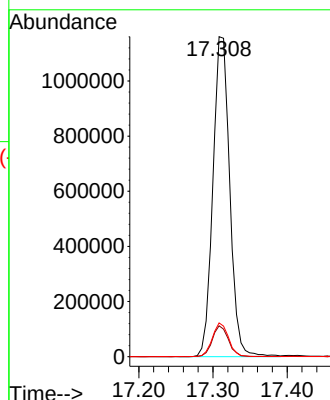
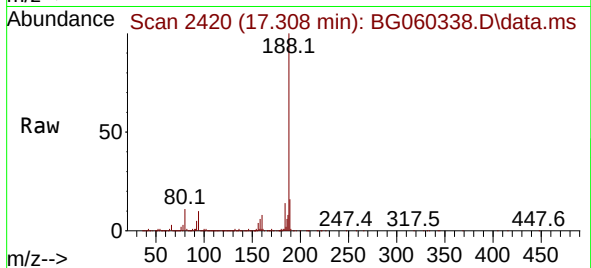
Tgt Ion:188 Resp: 1828189

Ion Ratio Lower Upper

188 100

94 9.7 7.1 10.7

80 10.6 8.5 12.7



#67

4-Bromophenyl-phenylether

Concen: 2.021 ng

RT: 16.051 min Scan# 2206

Delta R.T. -0.451 min

Lab File: BG060338.D

Acq: 16 Jan 2024 16:16

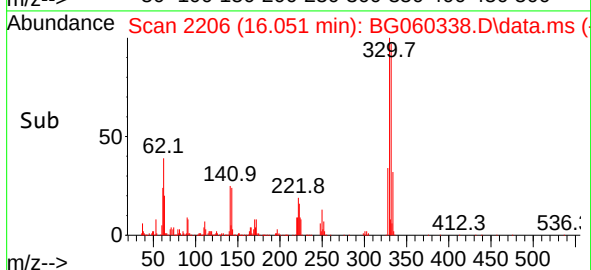
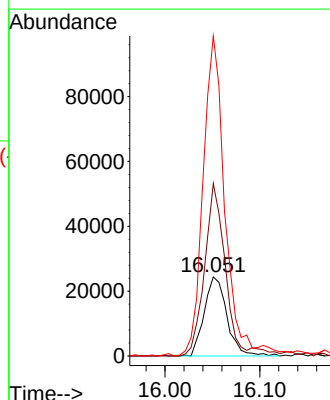
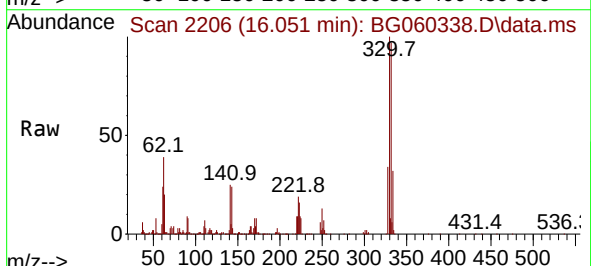
Tgt Ion:248 Resp: 40606

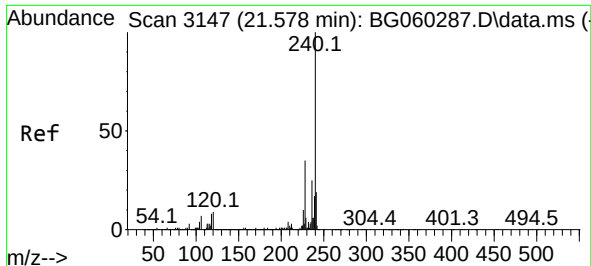
Ion Ratio Lower Upper

248 100

250 217.7 77.6 116.4#

141 404.5 34.2 51.4#

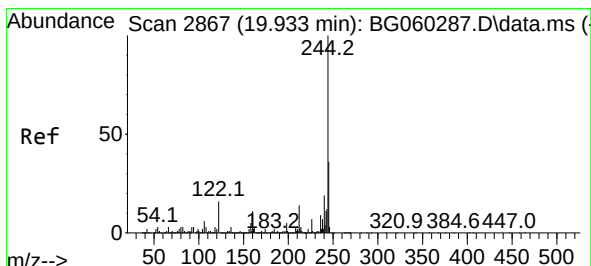
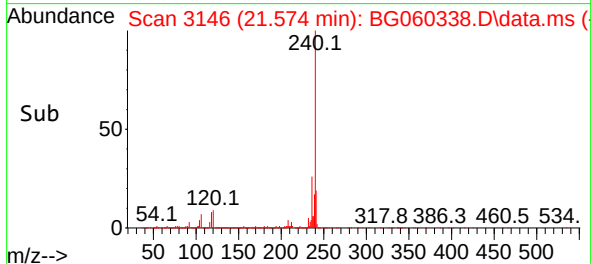
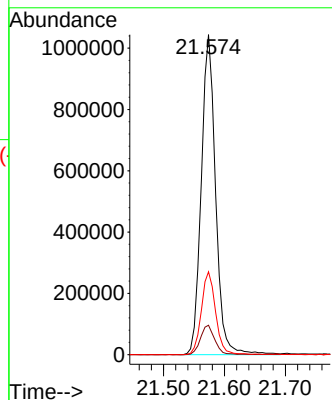
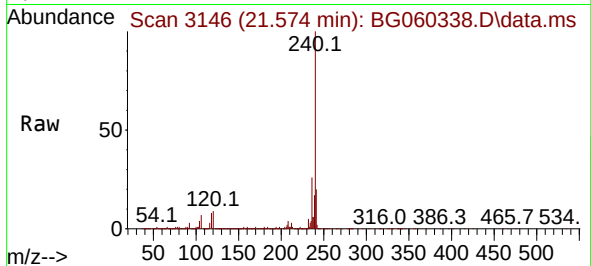




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3147
Delta R.T. -0.004 min
Lab File: BG060338.D
Acq: 16 Jan 2024 16:16

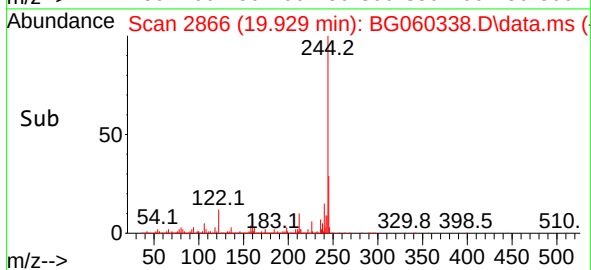
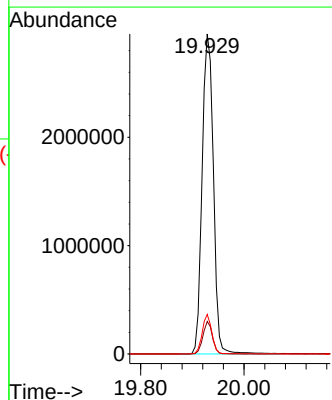
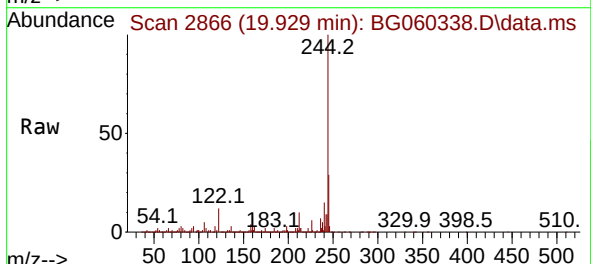
Instrument :
BNA_G
ClientSampleId :
2ND-FLOOR-SAMPLE-A

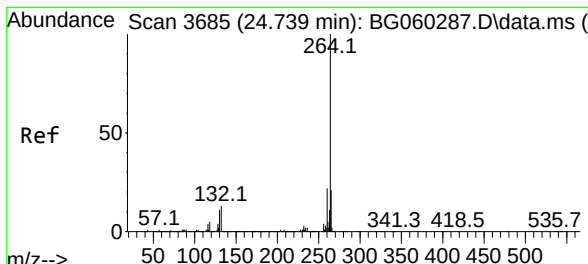
Tgt Ion:240 Resp: 1710481
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 25.9 20.3 30.5



#79
Terphenyl-d14
Concen: 58.579 ng
RT: 19.929 min Scan# 2866
Delta R.T. -0.004 min
Lab File: BG060338.D
Acq: 16 Jan 2024 16:16

Tgt Ion:244 Resp: 4470541
Ion Ratio Lower Upper
244 100
212 10.2 10.9 16.3#
122 12.3 12.6 18.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.741 min Scan# 30
 Delta R.T. 0.001 min
 Lab File: BG060338.D
 Acq: 16 Jan 2024 16:16

Instrument :
 BNA_G
 ClientSampleId :
 2ND-FLOOR-SAMPLE-A

Tgt Ion:264 Resp: 1935152

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.8	26.6
265	20.5	16.8	25.2

