

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011624\
 Data File : BG060337.D
 Acq On : 16 Jan 2024 15:36
 Operator : MA/JU
 Sample : P1146-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1ST-FLOOR-SAMPLE-B

Quant Time: Jan 16 16:10:56 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)

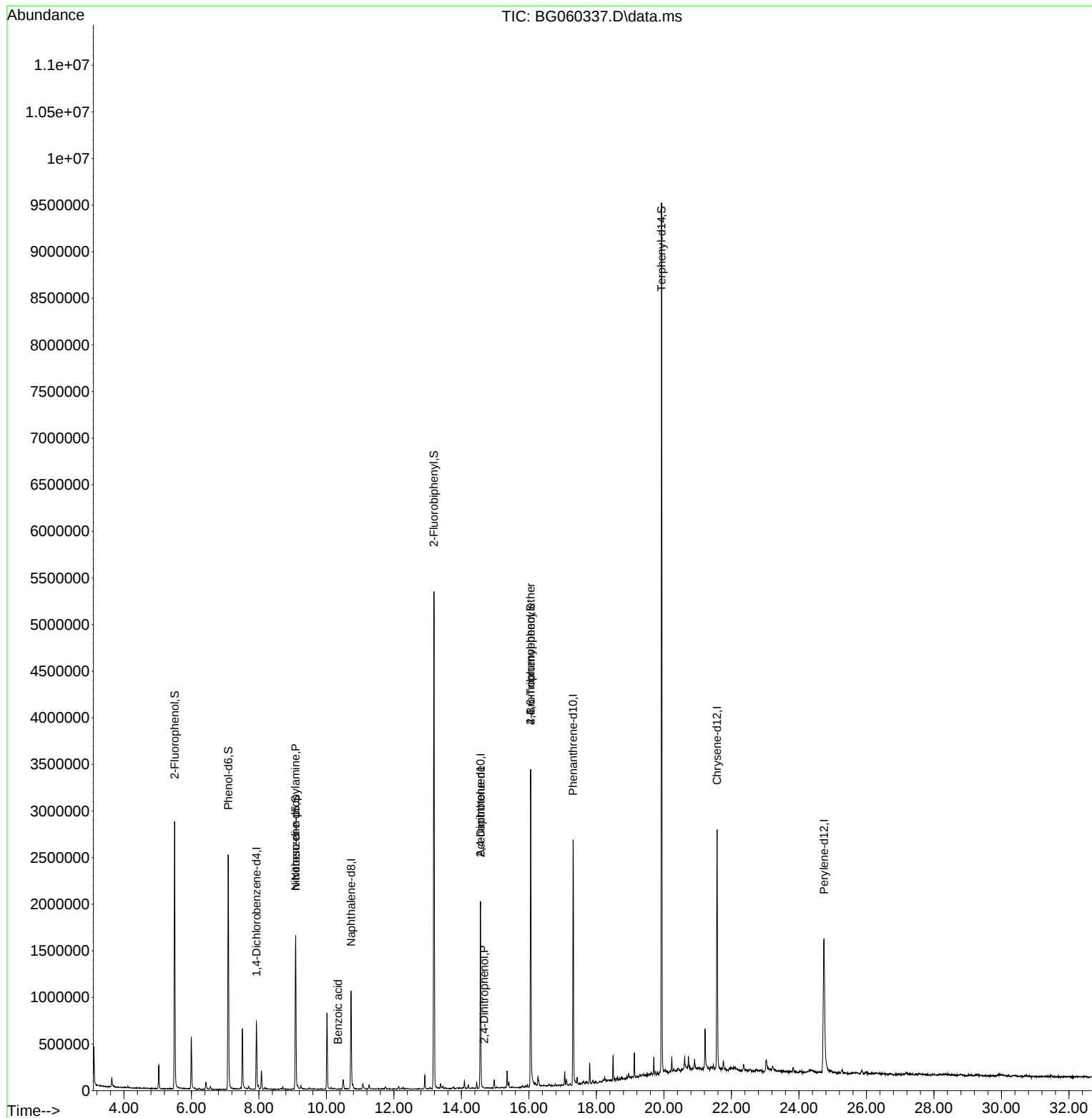
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	229313	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	946945	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	710160	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1788471	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1632799	20.000	ng	0.00
86) Perylene-d12	24.741	264	1856049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1431637	102.687	ng	0.00
7) Phenol-d6	7.091	99	1747787	84.661	ng	0.00
23) Nitrobenzene-d5	9.089	82	1162478	57.968	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	794254	76.016	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	3048972	59.691	ng	0.00
79) Terphenyl-d14	19.929	244	4610078	65.236	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.089	70	140236	9.815	ng	# 87
32) Benzoic acid	10.340	122	88	10.209	ng	# 86
54) 2,4-Dinitrophenol	14.671	184	76	8.596	ng	# 27
57) 2,4-Dinitrotoluene	14.565	165	96701	6.090	ng	# 26
67) 4-Bromophenyl-phenylether	16.051	248	48177	2.452	ng	# 1

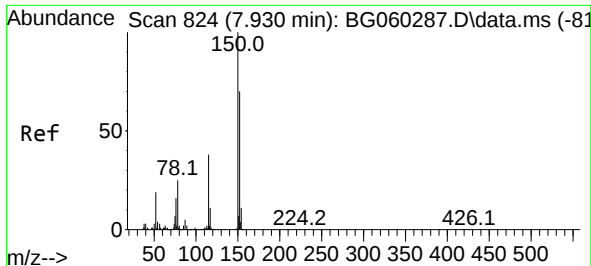
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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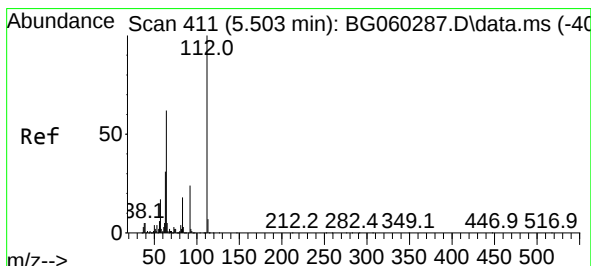
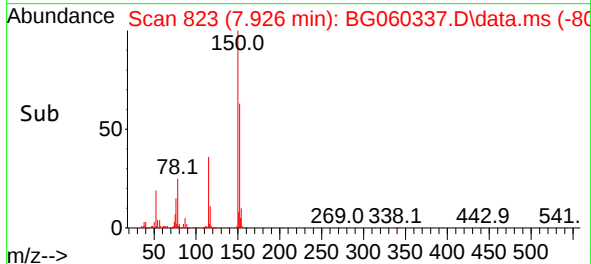
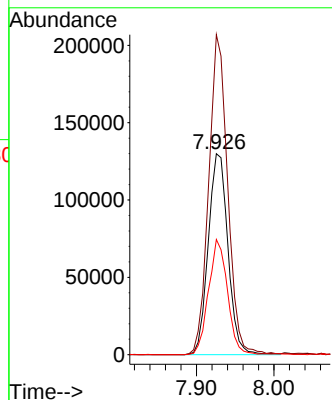
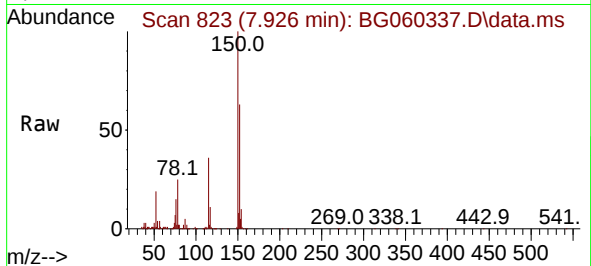




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060337.D
Acq: 16 Jan 2024 15:36

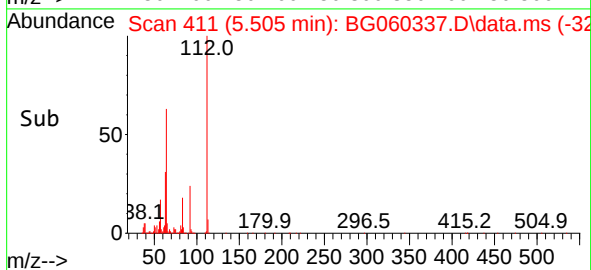
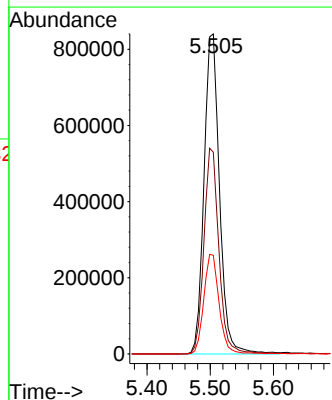
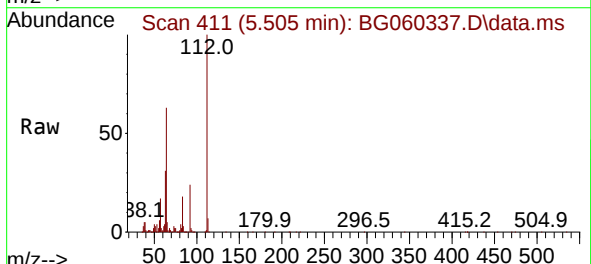
Instrument :
BNA_G
ClientSampleId :
1ST-FLOOR-SAMPLE-B

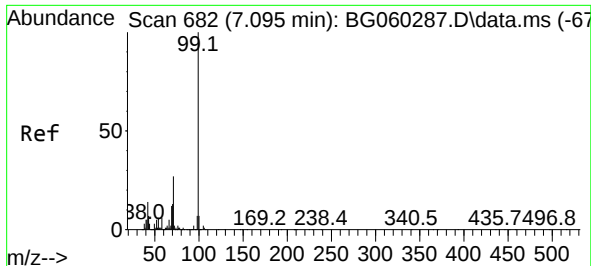
Tgt Ion:152 Resp: 229313
Ion Ratio Lower Upper
152 100
150 159.3 114.5 171.7
115 57.4 43.0 64.6



#5
2-Fluorophenol
Concen: 102.687 ng
RT: 5.505 min Scan# 411
Delta R.T. 0.002 min
Lab File: BG060337.D
Acq: 16 Jan 2024 15:36

Tgt Ion:112 Resp: 1431637
Ion Ratio Lower Upper
112 100
64 63.0 49.8 74.6
63 30.9 24.4 36.6

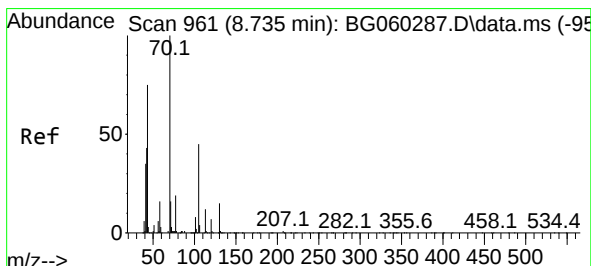
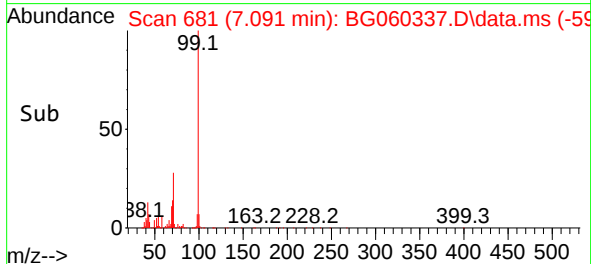
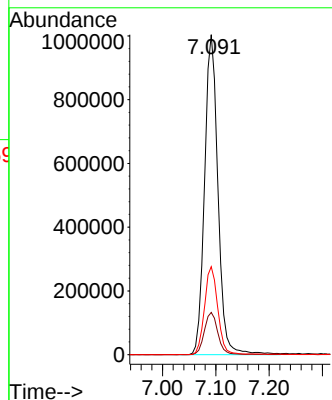
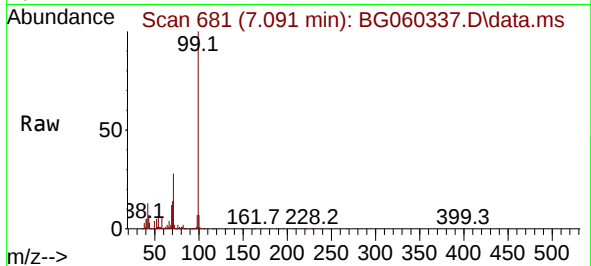




#7
Phenol-d6
Concen: 84.661 ng
RT: 7.091 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060337.D
Acq: 16 Jan 2024 15:36

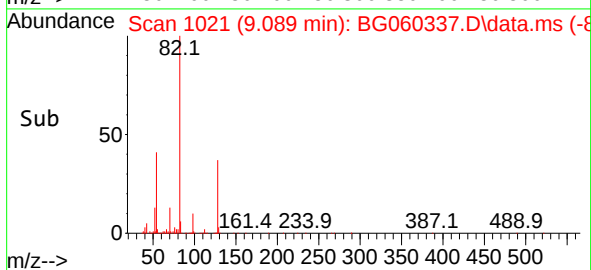
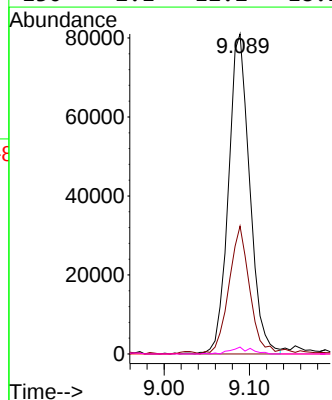
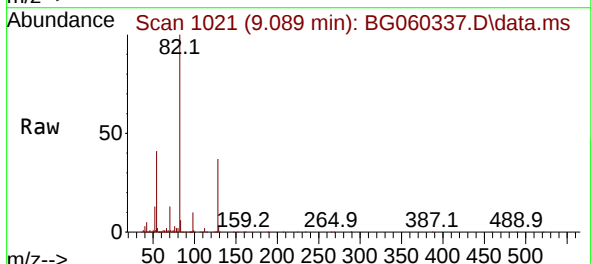
Instrument :
BNA_G
ClientSampleId :
1ST-FLOOR-SAMPLE-B

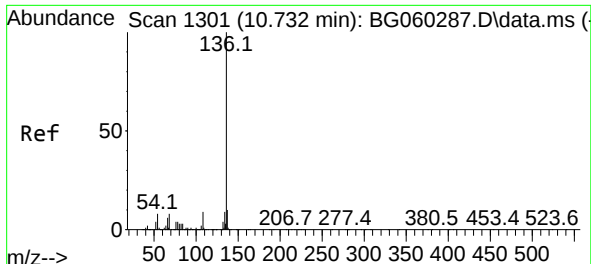
Tgt Ion: 99 Resp: 1747787
Ion Ratio Lower Upper
99 100
42 13.2 10.9 16.3
71 27.5 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.815 ng
RT: 9.089 min Scan# 1021
Delta R.T. 0.354 min
Lab File: BG060337.D
Acq: 16 Jan 2024 15:36

Tgt Ion: 70 Resp: 140236
Ion Ratio Lower Upper
70 100
42 40.0 34.3 51.5
101 0.0 6.2 9.2#
130 2.1 12.2 18.2#

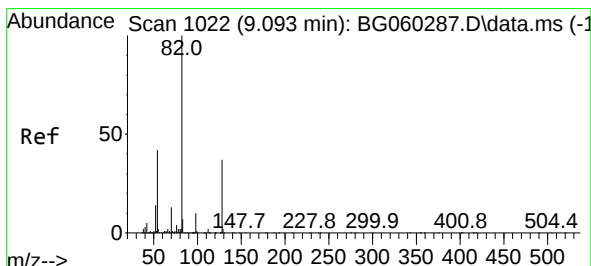
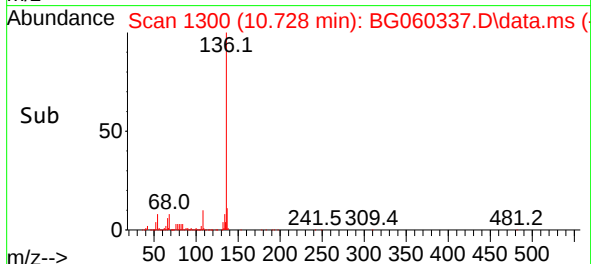
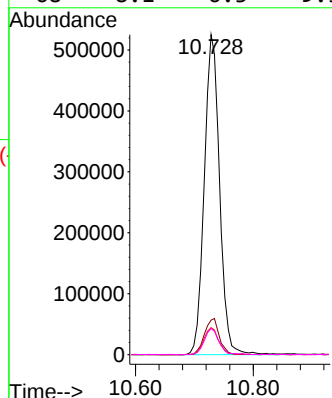
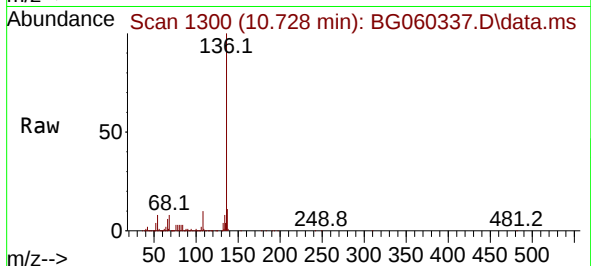




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060337.D
Acq: 16 Jan 2024 15:36

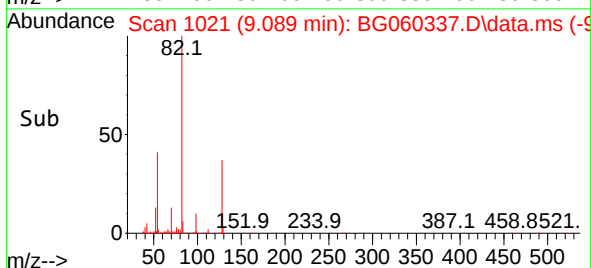
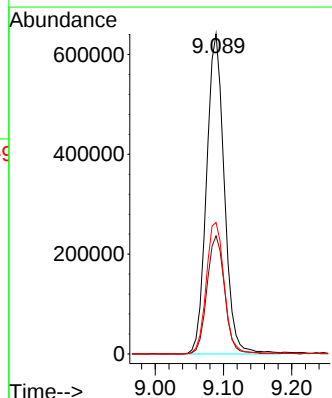
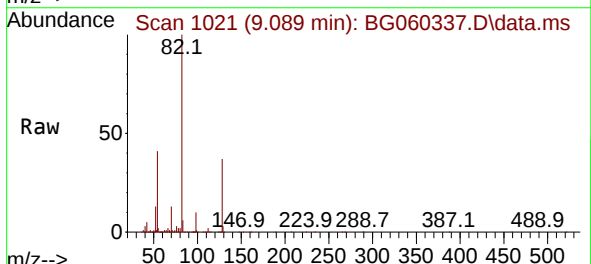
Instrument :
BNA_G
ClientSampleId :
1ST-FLOOR-SAMPLE-B

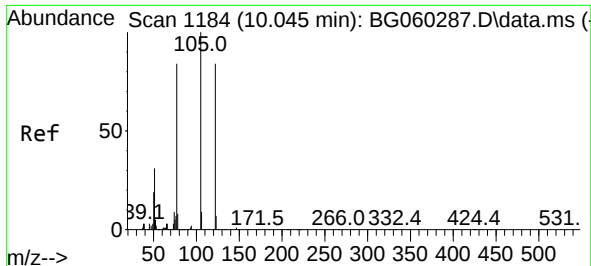
Tgt Ion:	136	Resp:	946945
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.2	12.4
54	8.4	6.2	9.2
68	8.1	6.3	9.5



#23
Nitrobenzene-d5
Concen: 57.968 ng
RT: 9.089 min Scan# 1021
Delta R.T. -0.004 min
Lab File: BG060337.D
Acq: 16 Jan 2024 15:36

Tgt Ion:	82	Resp:	1162478
Ion Ratio	Lower	Upper	
82	100		
128	36.9	29.6	44.4
54	41.1	33.6	50.4

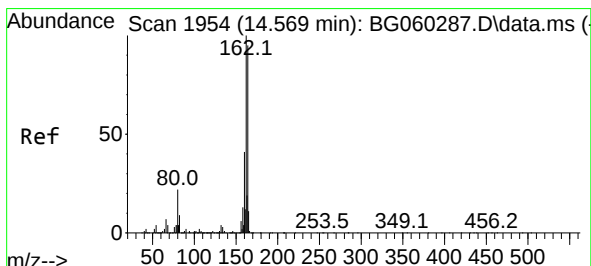
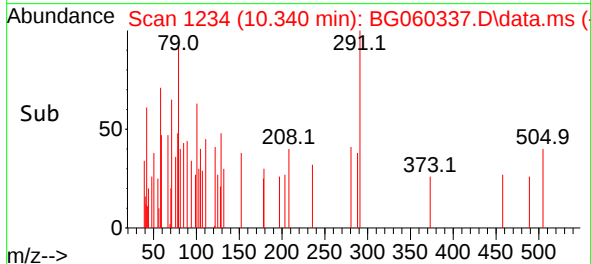
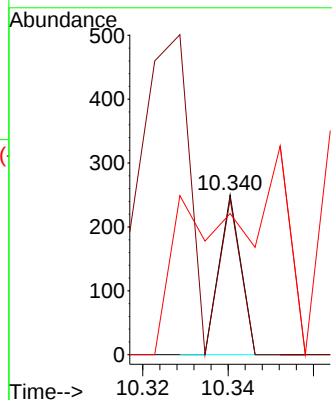
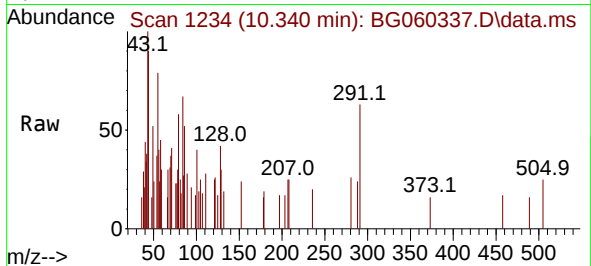




#32
Benzoic acid
Concen: 10.209 ng
RT: 10.340 min Scan# 1184
Delta R.T. 0.295 min
Lab File: BG060337.D
Acq: 16 Jan 2024 15:36

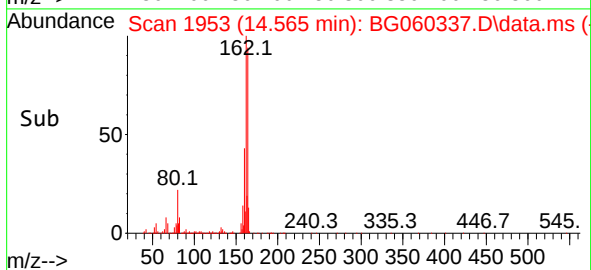
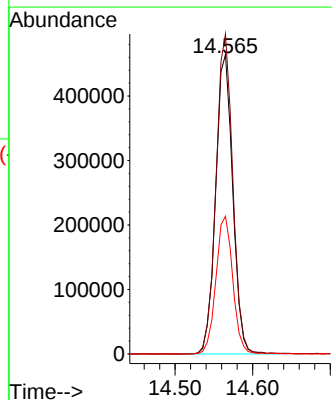
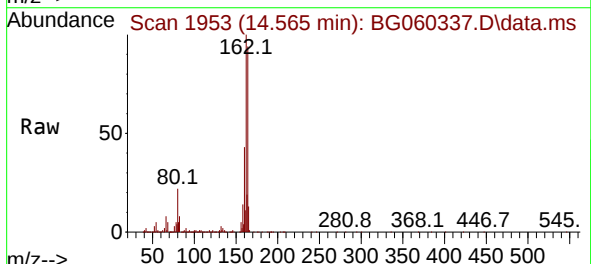
Instrument :
BNA_G
ClientSampleId :
1ST-FLOOR-SAMPLE-B

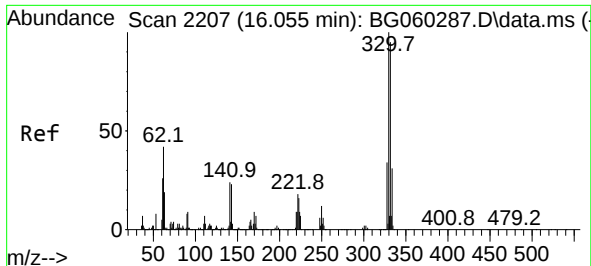
Tgt Ion:122 Resp: 88
Ion Ratio Lower Upper
122 100
105 97.6 96.0 136.0
77 88.4 80.1 120.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG060337.D
Acq: 16 Jan 2024 15:36

Tgt Ion:164 Resp: 710160
Ion Ratio Lower Upper
164 100
162 106.9 84.4 126.6
160 46.0 34.6 52.0

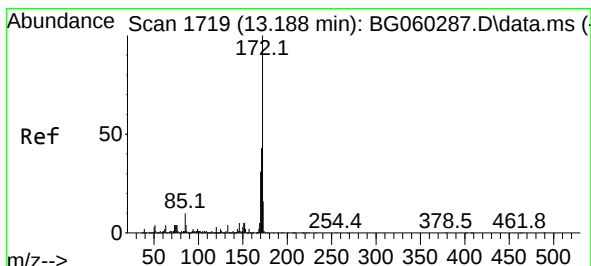
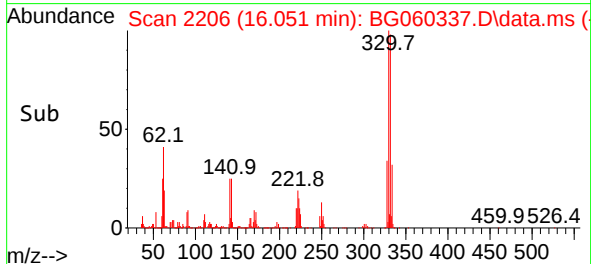
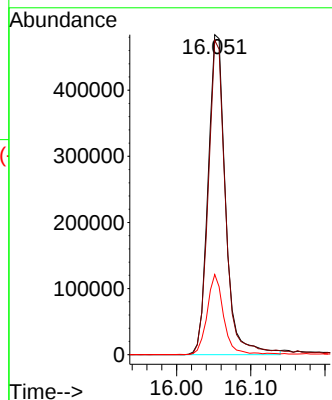
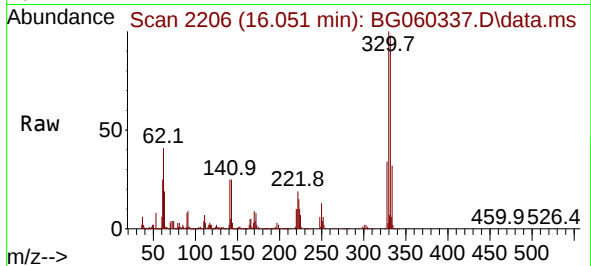




#42
2,4,6-Tribromophenol
Concen: 76.016 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060337.D
Acq: 16 Jan 2024 15:36

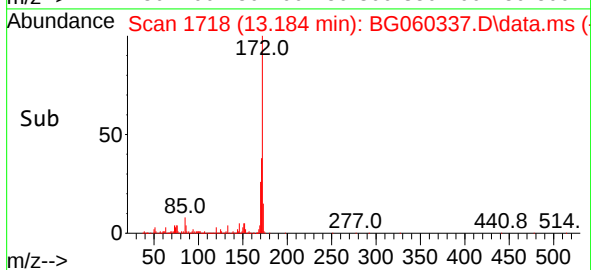
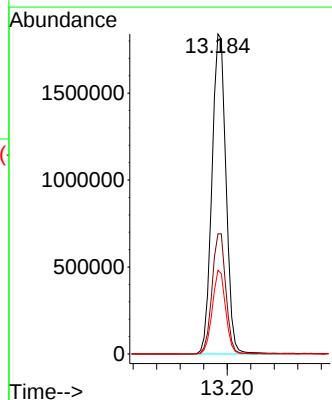
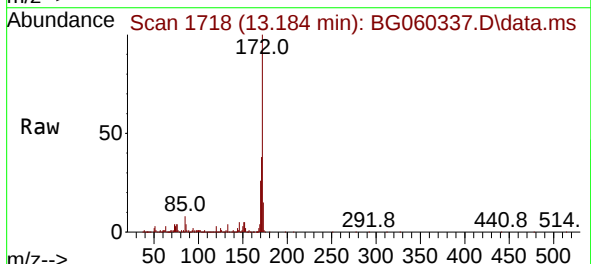
Instrument :
BNA_G
ClientSampleId :
1ST-FLOOR-SAMPLE-B

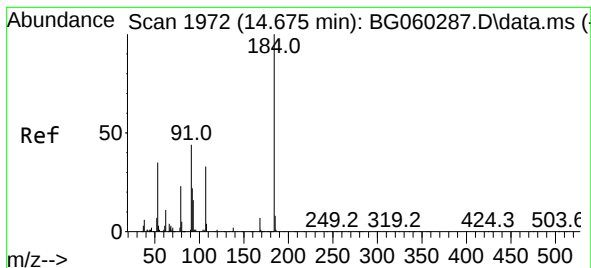
Tgt Ion:330 Resp: 794254
Ion Ratio Lower Upper
330 100
332 97.1 76.7 115.1
141 23.9 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 59.691 ng
RT: 13.184 min Scan# 1718
Delta R.T. -0.004 min
Lab File: BG060337.D
Acq: 16 Jan 2024 15:36

Tgt Ion:172 Resp: 3048972
Ion Ratio Lower Upper
172 100
171 37.6 34.6 51.8
170 26.1 24.4 36.6

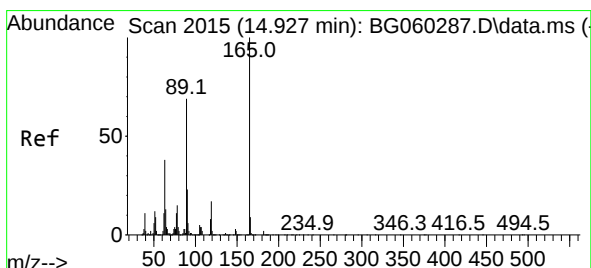
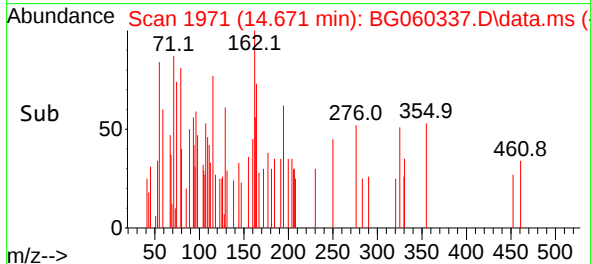
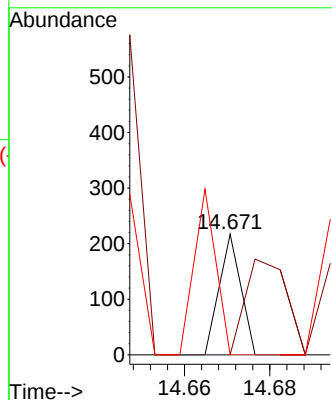
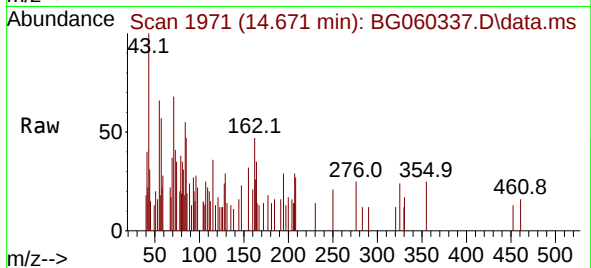




#54
2,4-Dinitrophenol
Concen: 8.596 ng
RT: 14.671 min Scan# 1972
Delta R.T. -0.004 min
Lab File: BG060337.D
Acq: 16 Jan 2024 15:36

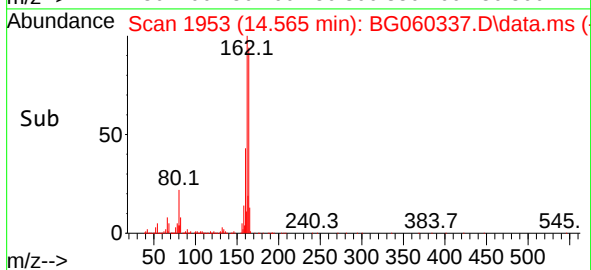
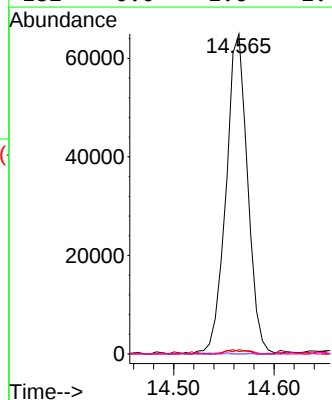
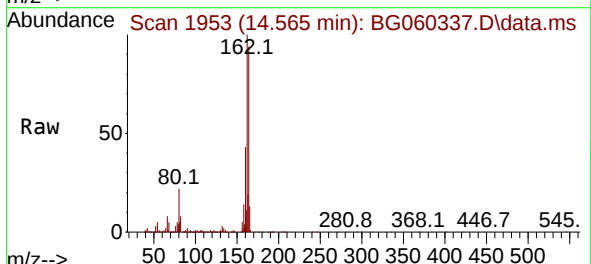
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1ST-FLOOR-SAMPLE-B

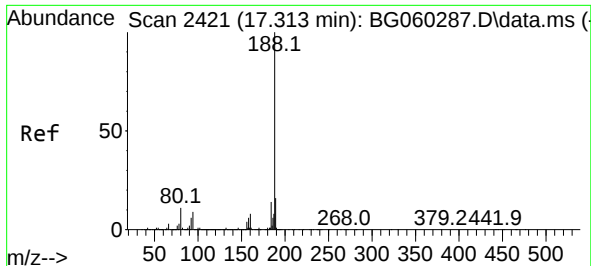
Tgt Ion:184 Resp: 76
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 0.0 39.2 58.8#



#57
2,4-Dinitrotoluene
Concen: 6.090 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.362 min
Lab File: BG060337.D
Acq: 16 Jan 2024 15:36

Tgt Ion:165 Resp: 96701
Ion Ratio Lower Upper
165 100
63 0.8 30.4 45.6#
89 1.3 55.4 83.0#
182 0.0 1.6 2.4#

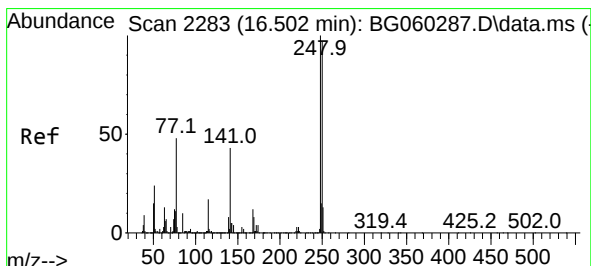
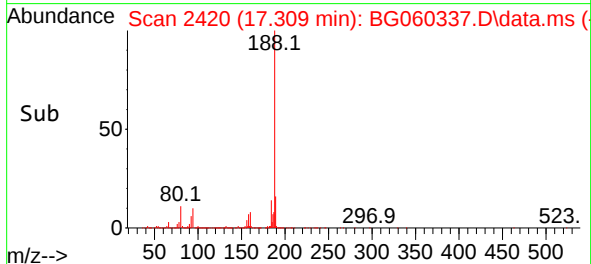
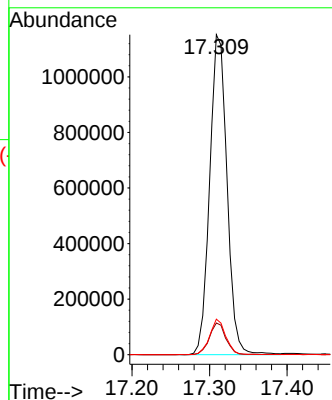
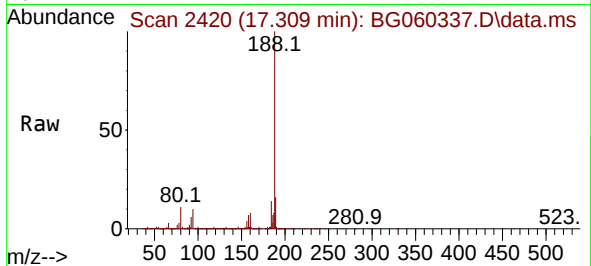




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG060337.D
Acq: 16 Jan 2024 15:36

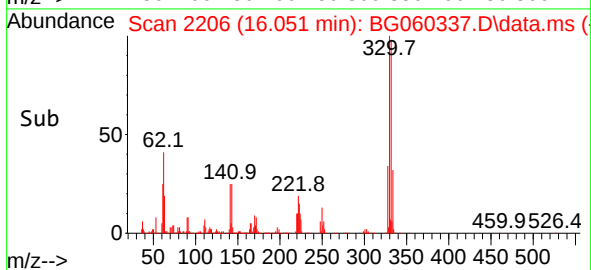
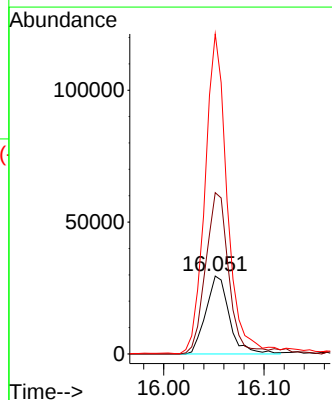
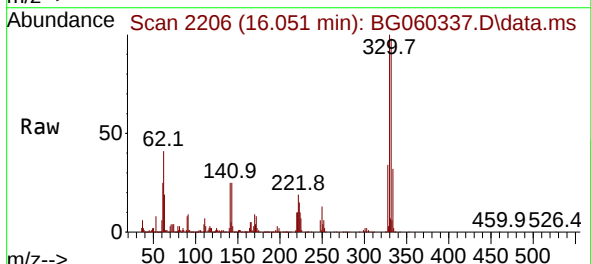
Instrument :
BNA_G
ClientSampleId :
1ST-FLOOR-SAMPLE-B

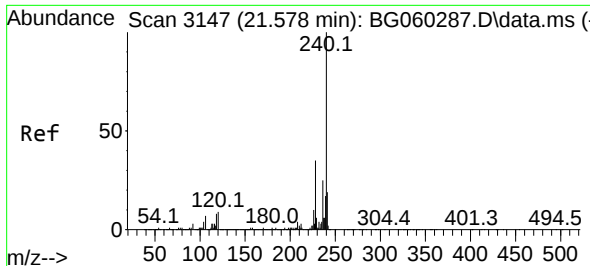
Tgt Ion:188 Resp: 1788471
Ion Ratio Lower Upper
188 100
94 9.9 7.1 10.7
80 11.1 8.5 12.7



#67
4-Bromophenyl-phenylether
Concen: 2.452 ng
RT: 16.051 min Scan# 2206
Delta R.T. -0.450 min
Lab File: BG060337.D
Acq: 16 Jan 2024 15:36

Tgt Ion:248 Resp: 48177
Ion Ratio Lower Upper
248 100
250 207.0 77.6 116.4#
141 410.7 34.2 51.4#

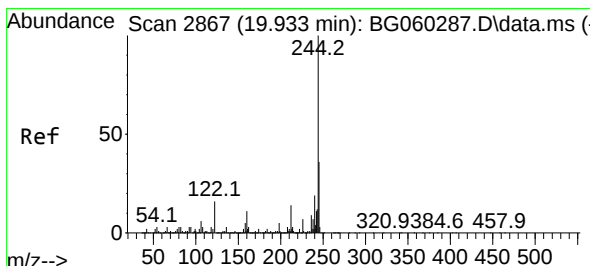
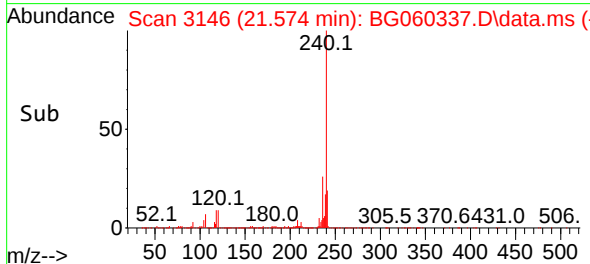
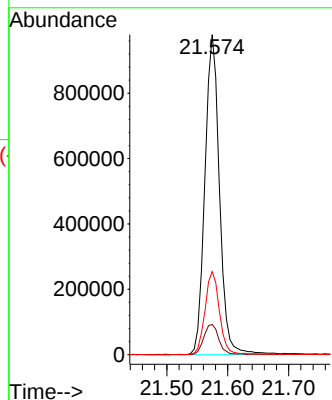
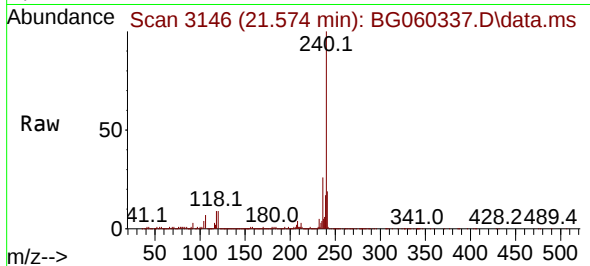




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BG060337.D
Acq: 16 Jan 2024 15:36

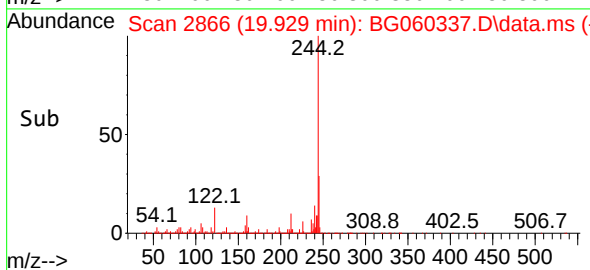
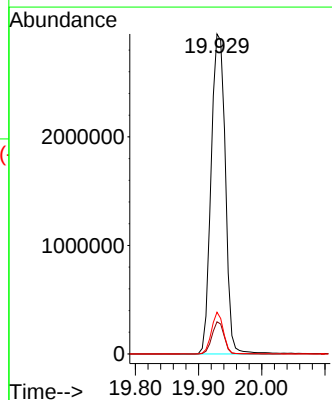
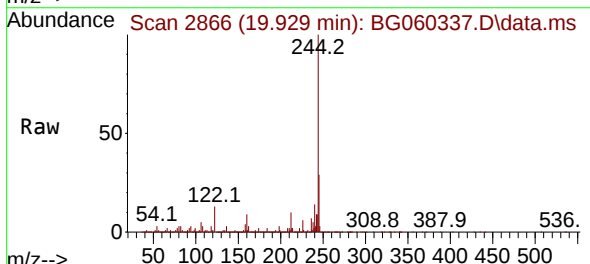
Instrument :
BNA_G
ClientSampleId :
1ST-FLOOR-SAMPLE-B

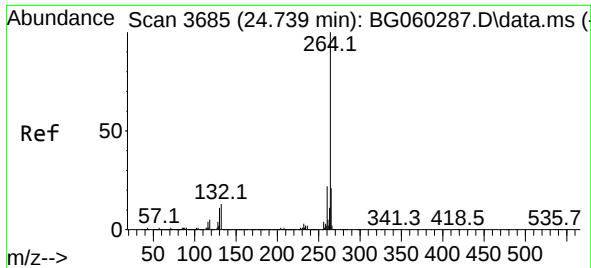
Tgt Ion:240 Resp: 1632799
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 26.0 20.3 30.5



#79
Terphenyl-d14
Concen: 65.236 ng
RT: 19.929 min Scan# 2866
Delta R.T. -0.004 min
Lab File: BG060337.D
Acq: 16 Jan 2024 15:36

Tgt Ion:244 Resp: 4610078
Ion Ratio Lower Upper
244 100
212 10.0 10.9 16.3#
122 13.0 12.6 18.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.741 min Scan# 30
Delta R.T. 0.002 min
Lab File: BG060337.D
Acq: 16 Jan 2024 15:36

Instrument :
BNA_G
ClientSampleId :
1ST-FLOOR-SAMPLE-B

Tgt Ion:264 Resp: 1856049

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.8	26.6
265	22.5	16.8	25.2

