

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011624\
 Data File : BG060339.D
 Acq On : 16 Jan 2024 16:57
 Operator : MA/JU
 Sample : P1146-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 16 17:51:20 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)

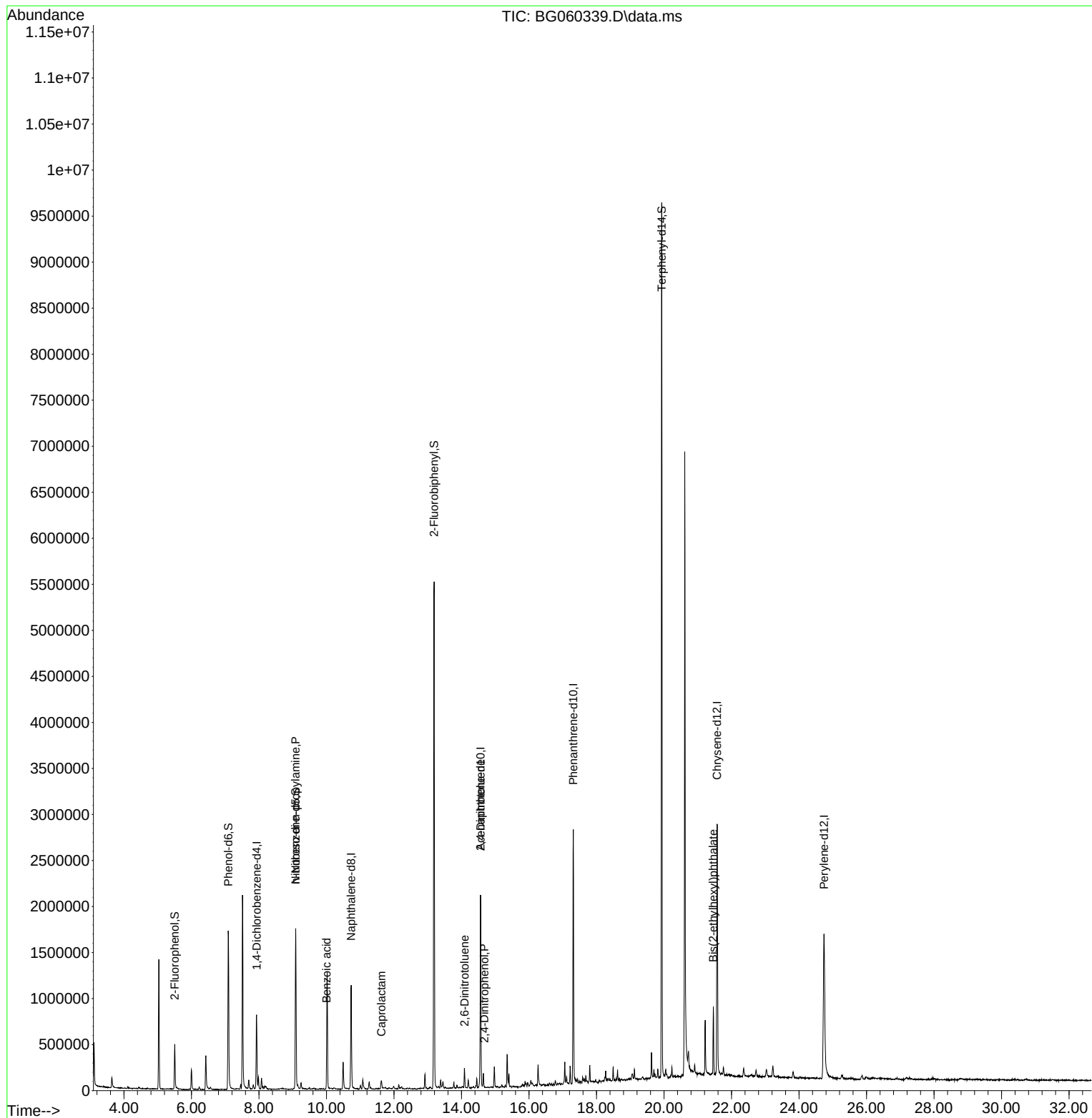
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	255867	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	1027110	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	764959	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1887138	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1746042	20.000	ng	0.00
86) Perylene-d12	24.739	264	2014453	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	250806	16.123	ng	0.00
7) Phenol-d6	7.089	99	1274912	55.346	ng	0.00
23) Nitrobenzene-d5	9.087	82	1209452	55.603	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	17608	1.564	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	3098525	56.316	ng	0.00
79) Terphenyl-d14	19.933	244	4667254	60.424	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.087	70	141787	8.893	ng	# 89
32) Benzoic acid	10.004	122	57	10.205	ng	# 8
35) Caprolactam	11.625	113	19978	3.494	ng	97
51) 2,6-Dinitrotoluene	14.093	165	30597	2.453	ng	# 35
54) 2,4-Dinitrophenol	14.680	184	87	8.597	ng	# 46
57) 2,4-Dinitrotoluene	14.563	165	102431	5.988	ng	# 27
84) Bis(2-ethylhexyl)phtha...	21.461	149	313657	5.411	ng	96

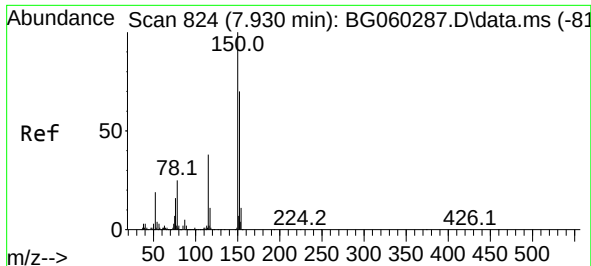
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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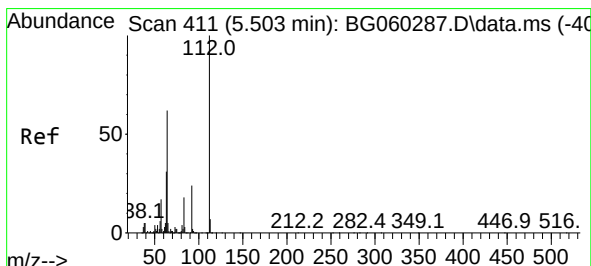
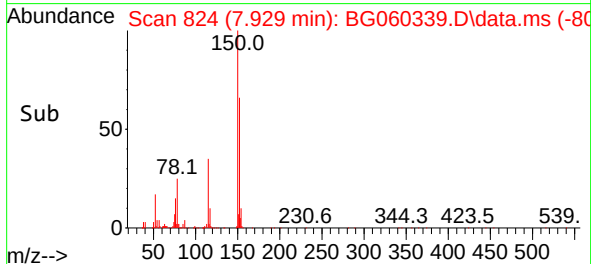
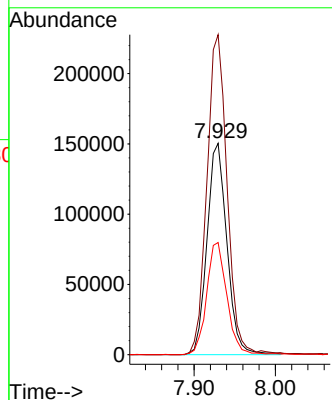
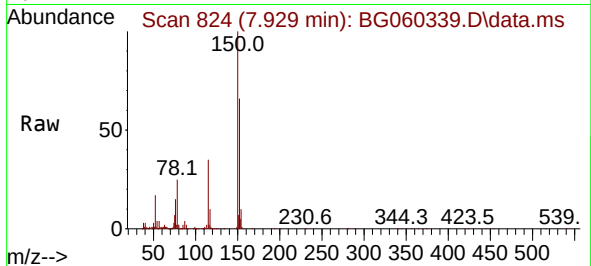




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

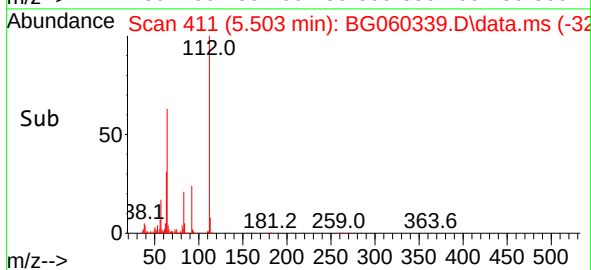
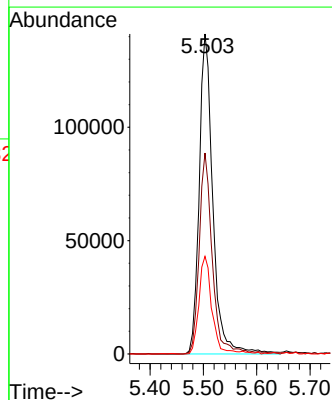
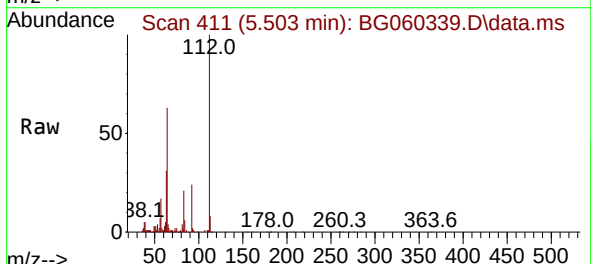
Instrument :
BNA_G
ClientSampleId :
2ND-FLOOR-SAMPLE-B

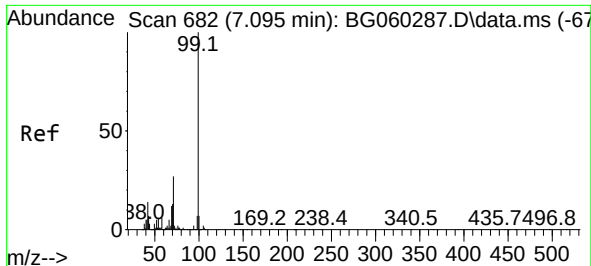
Tgt Ion:152 Resp: 255867
Ion Ratio Lower Upper
152 100
150 151.3 114.5 171.7
115 53.1 43.0 64.6



#5
2-Fluorophenol
Concen: 16.123 ng
RT: 5.503 min Scan# 411
Delta R.T. -0.000 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

Tgt Ion:112 Resp: 250806
Ion Ratio Lower Upper
112 100
64 62.8 49.8 74.6
63 30.5 24.4 36.6

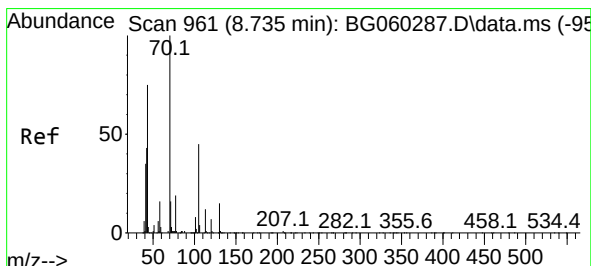
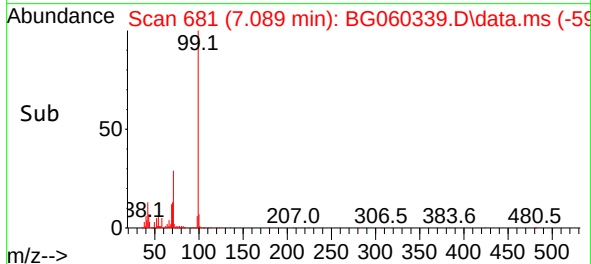
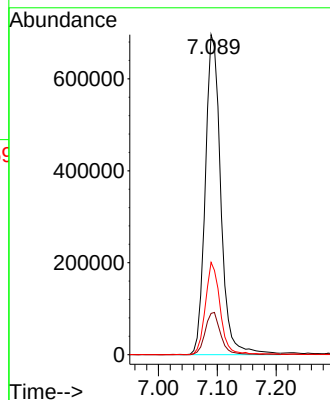
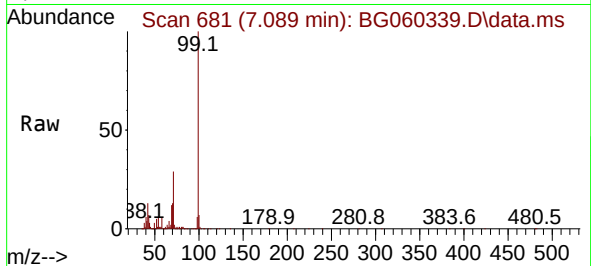




#7
Phenol-d6
Concen: 55.346 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

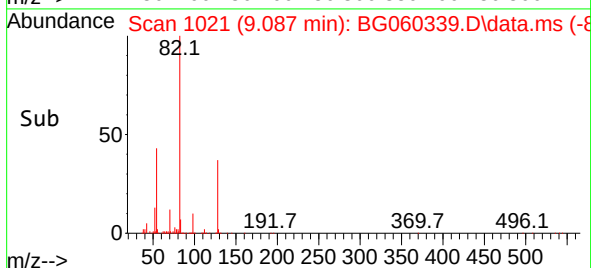
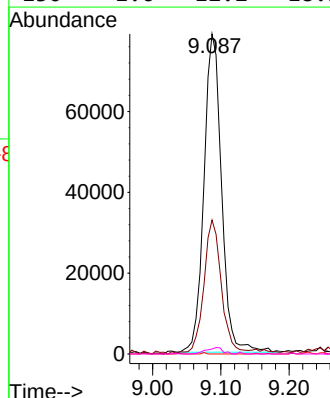
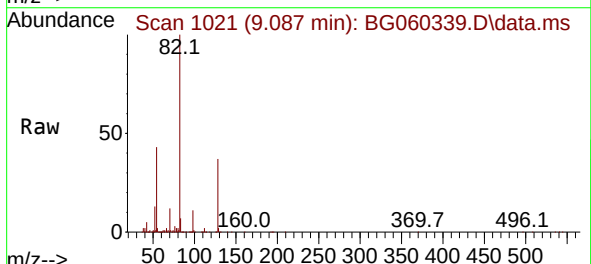
Instrument :
BNA_G
ClientSampleId :
2ND-FLOOR-SAMPLE-B

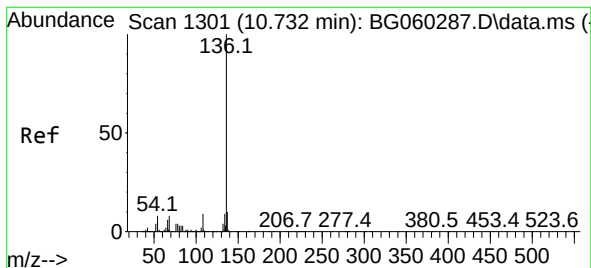
Tgt Ion: 99 Resp: 1274912
Ion Ratio Lower Upper
99 100
42 12.9 10.9 16.3
71 28.9 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 8.893 ng
RT: 9.087 min Scan# 1021
Delta R.T. 0.352 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

Tgt Ion: 70 Resp: 141787
Ion Ratio Lower Upper
70 100
42 41.8 34.3 51.5
101 0.0 6.2 9.2#
130 1.6 12.2 18.2#



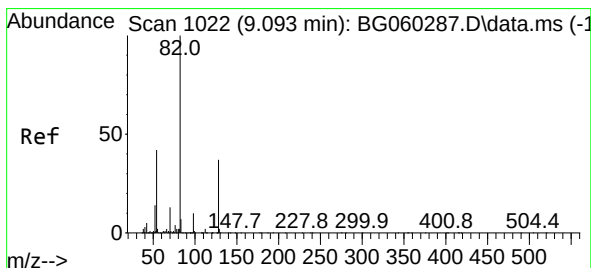
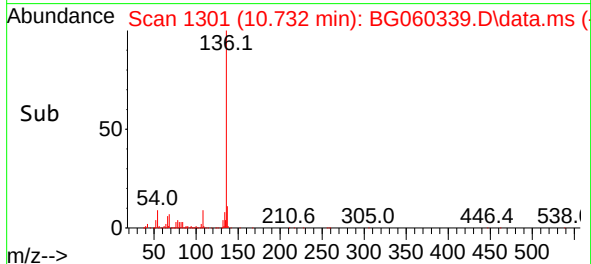
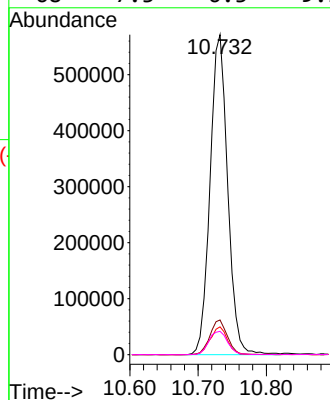
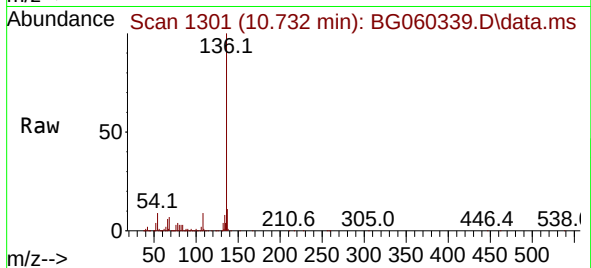


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

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

Tgt Ion:136 Resp: 1027110

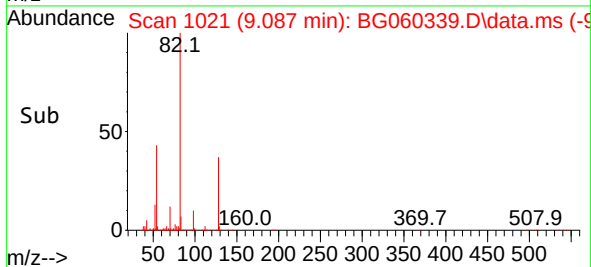
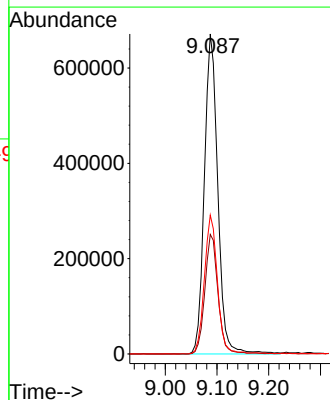
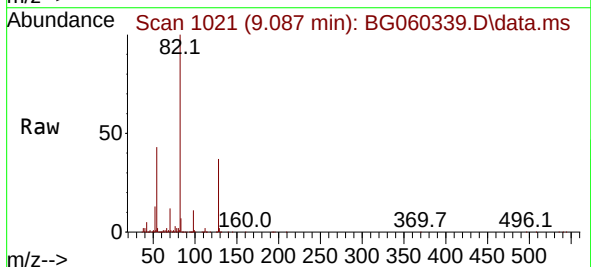
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	8.7	6.2	9.2
68	7.3	6.3	9.5

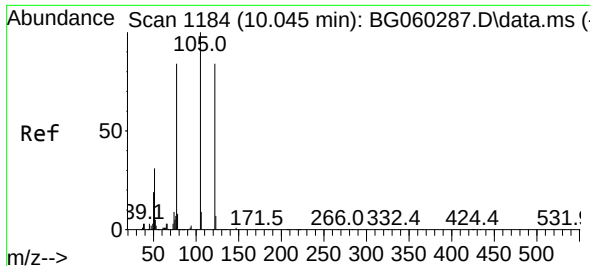


#23
Nitrobenzene-d5
Concen: 55.603 ng
RT: 9.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

Tgt Ion: 82 Resp: 1209452

Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.6	44.4
54	43.4	33.6	50.4

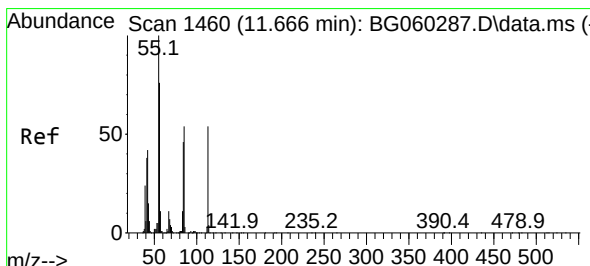
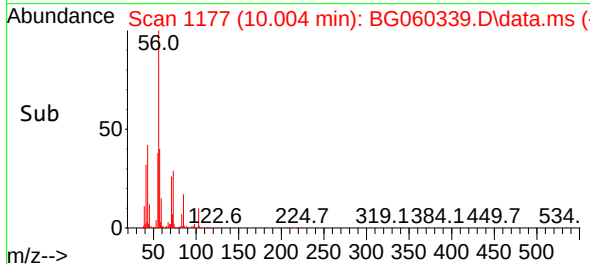
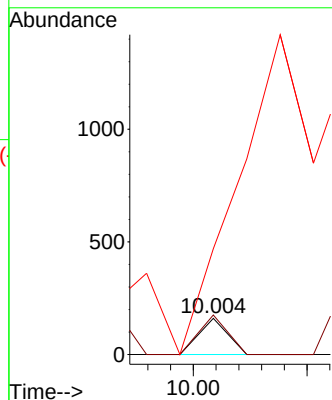
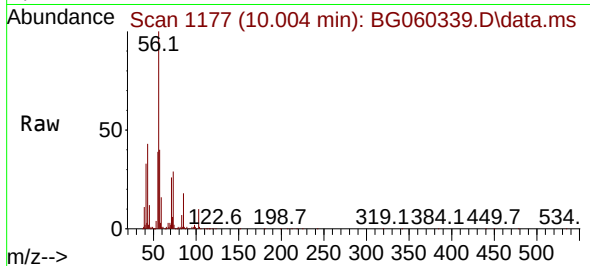




#32
Benzoic acid
Concen: 10.205 ng
RT: 10.004 min Scan# 1184
Delta R.T. -0.041 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

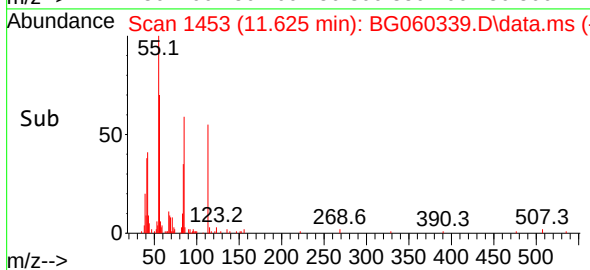
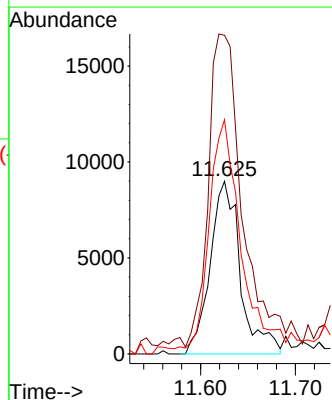
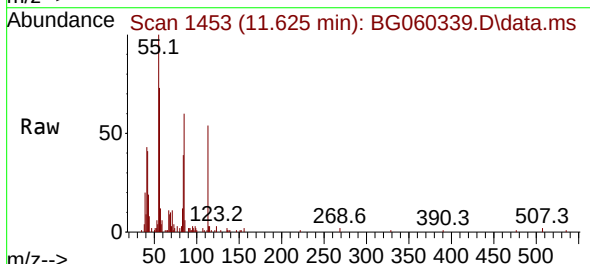
Instrument :
BNA_G
ClientSampleId :
2ND-FLOOR-SAMPLE-B

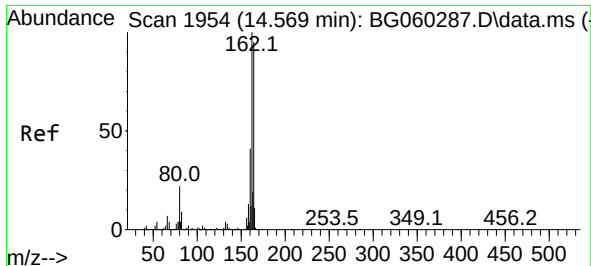
Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 109.3 96.0 136.0
77 291.9 80.1 120.1#



#35
Caprolactam
Concen: 3.494 ng
RT: 11.625 min Scan# 1453
Delta R.T. -0.041 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

Tgt Ion:113 Resp: 19978
Ion Ratio Lower Upper
113 100
55 184.6 166.4 206.4
56 135.7 121.0 161.0

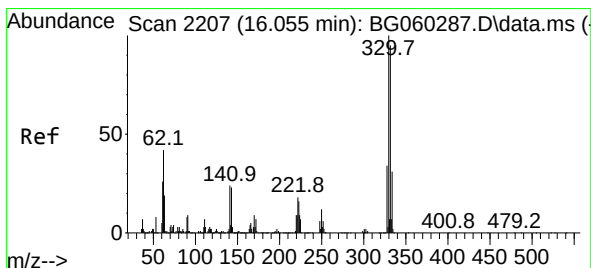
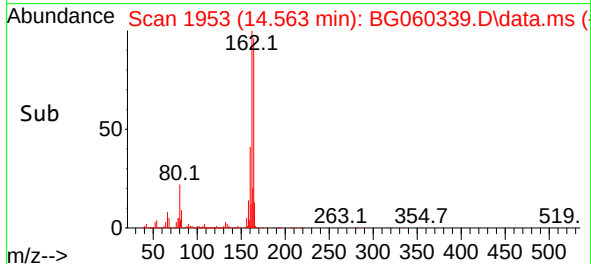
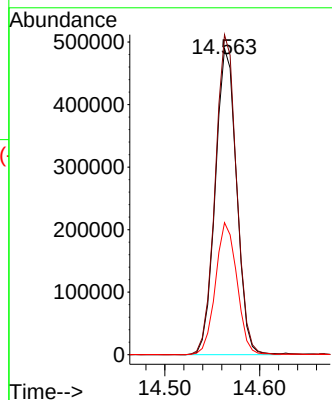
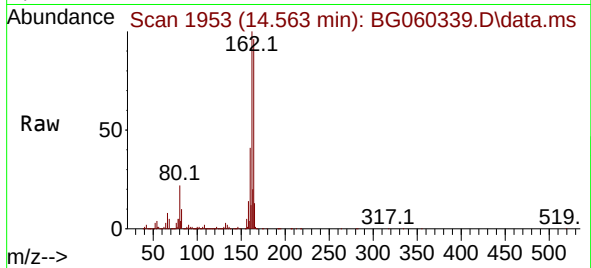




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

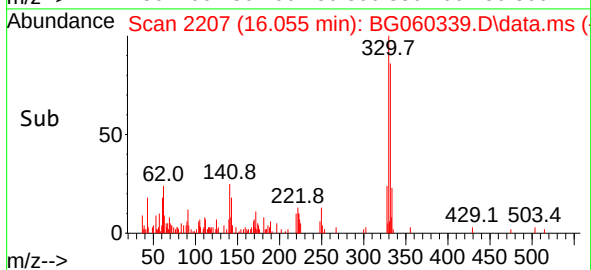
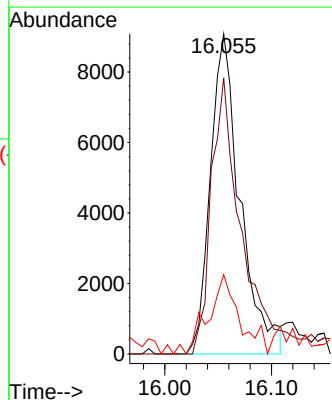
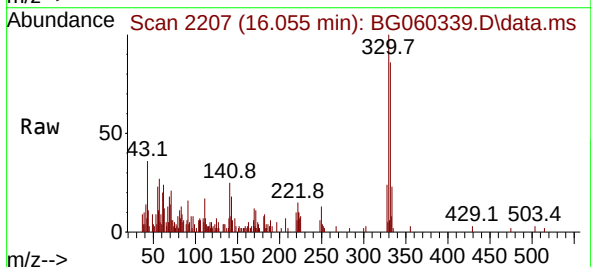
Instrument :
BNA_G
ClientSampleId :
2ND-FLOOR-SAMPLE-B

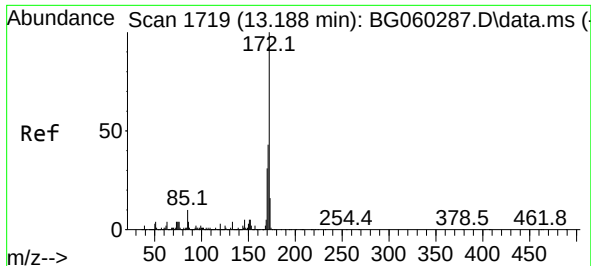
Tgt Ion:164 Resp: 764959
Ion Ratio Lower Upper
164 100
162 104.5 84.4 126.6
160 43.1 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 1.564 ng
RT: 16.055 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

Tgt Ion:330 Resp: 17608
Ion Ratio Lower Upper
330 100
332 89.0 76.7 115.1
141 26.0 18.6 28.0

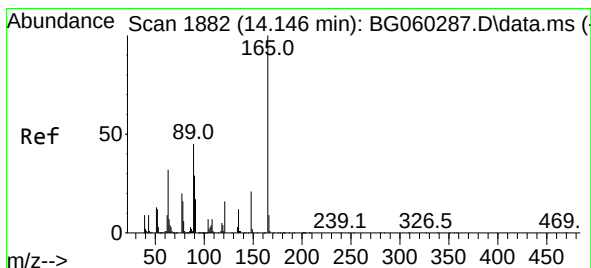
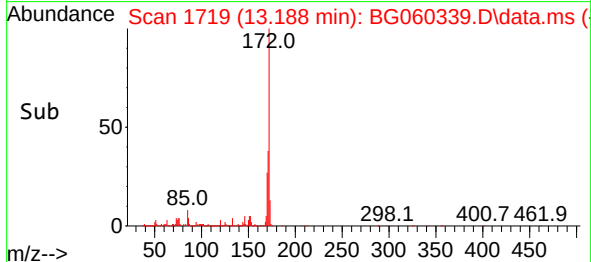
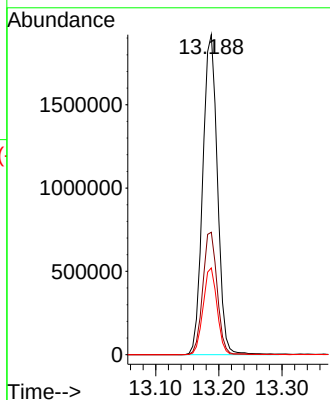
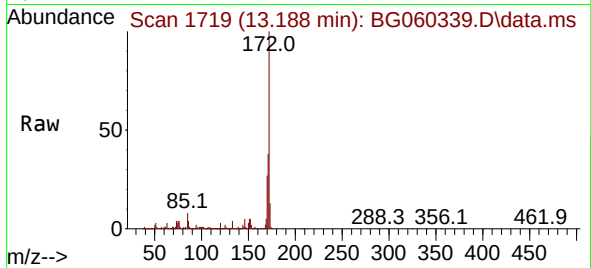




#45
2-Fluorobiphenyl
Concen: 56.316 ng
RT: 13.188 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

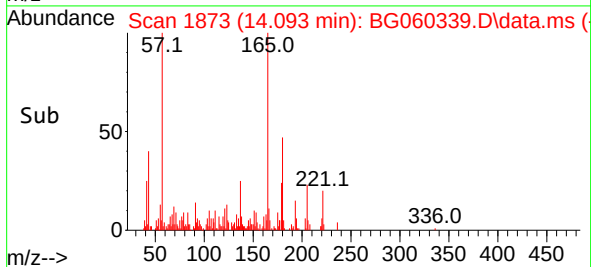
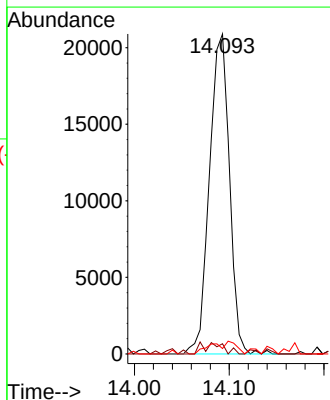
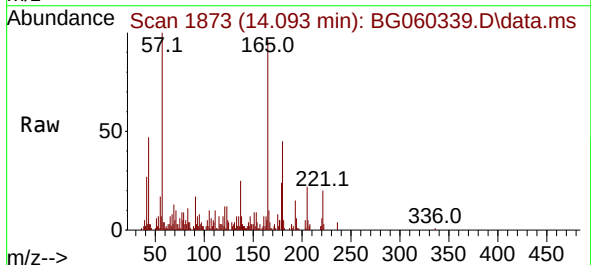
Instrument :
BNA_G
ClientSampleId :
2ND-FLOOR-SAMPLE-B

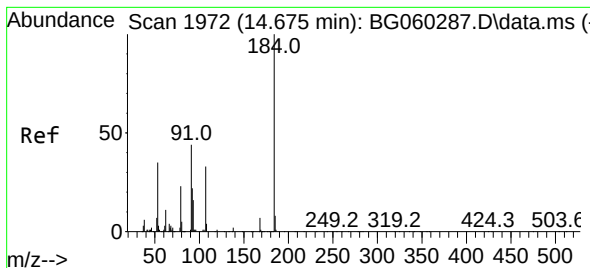
Tgt Ion:172 Resp: 3098525
Ion Ratio Lower Upper
172 100
171 38.3 34.6 51.8
170 27.1 24.4 36.6



#51
2,6-Dinitrotoluene
Concen: 2.453 ng
RT: 14.093 min Scan# 1873
Delta R.T. -0.053 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

Tgt Ion:165 Resp: 30597
Ion Ratio Lower Upper
165 100
63 3.2 35.0 52.4#
89 1.7 36.2 54.2#

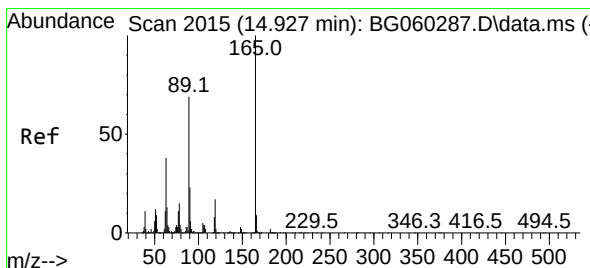
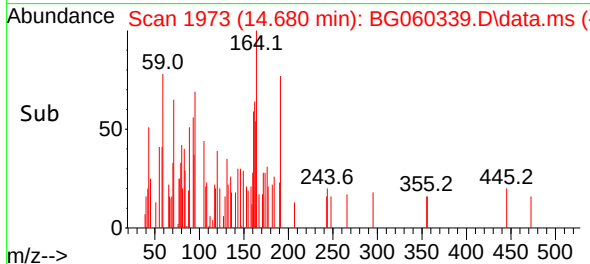
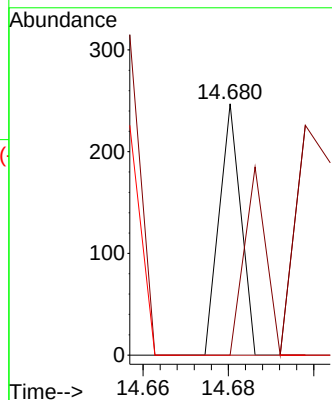
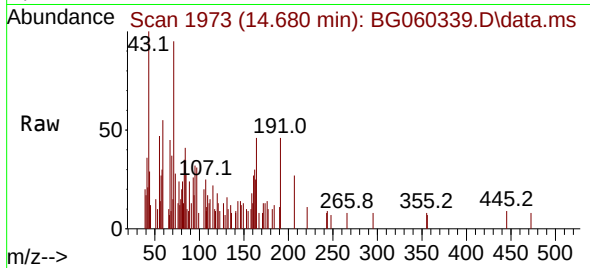




#54
2,4-Dinitrophenol
Concen: 8.597 ng
RT: 14.680 min Scan# 1972
Delta R.T. 0.005 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

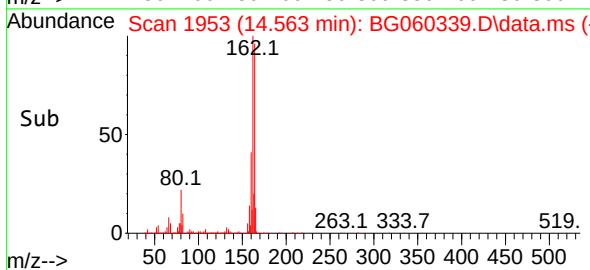
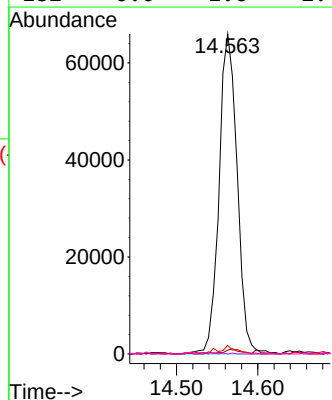
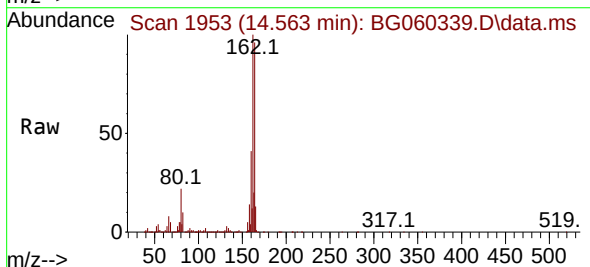
Instrument :
BNA_G
ClientSampleId :
2ND-FLOOR-SAMPLE-B

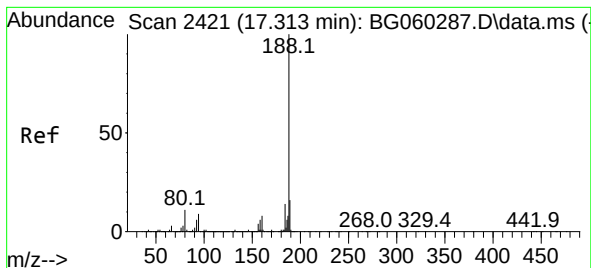
Tgt Ion:184 Resp: 87
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 72.5 39.2 58.8#



#57
2,4-Dinitrotoluene
Concen: 5.988 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.364 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

Tgt Ion:165 Resp: 102431
Ion Ratio Lower Upper
165 100
63 1.2 30.4 45.6#
89 2.7 55.4 83.0#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.313 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BG060339.D

Acq: 16 Jan 2024 16:57

Instrument :

BNA_G

ClientSampleId :

2ND-FLOOR-SAMPLE-B

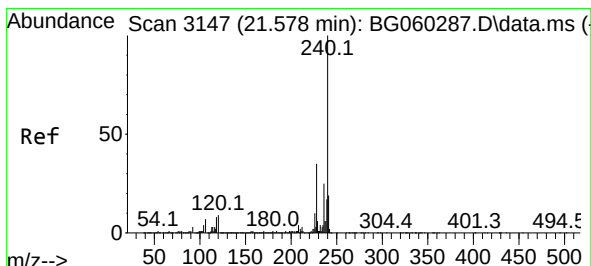
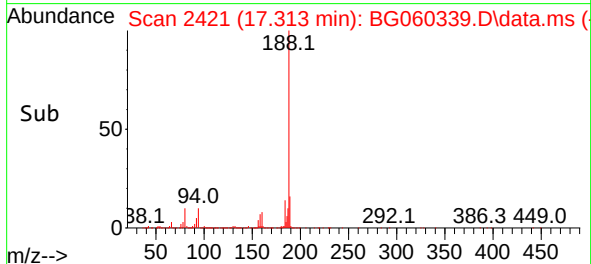
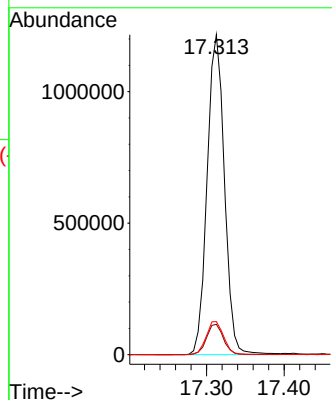
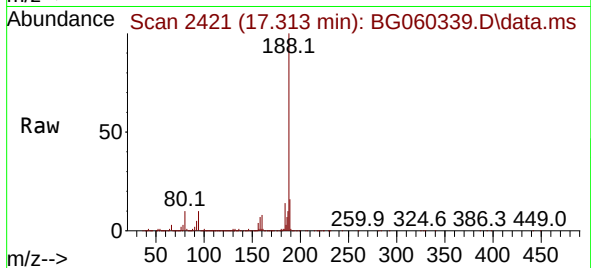
Tgt Ion:188 Resp: 1887138

Ion Ratio Lower Upper

188 100

94 9.5 7.1 10.7

80 10.4 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.572 min Scan# 3146

Delta R.T. -0.006 min

Lab File: BG060339.D

Acq: 16 Jan 2024 16:57

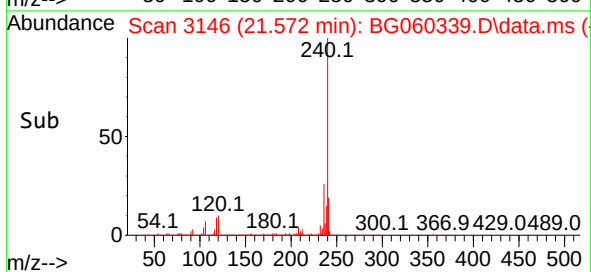
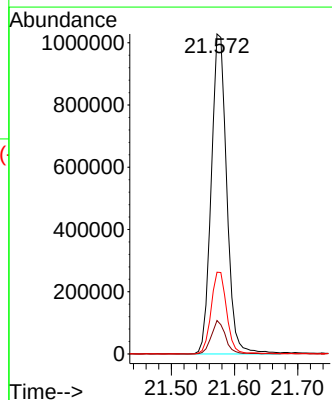
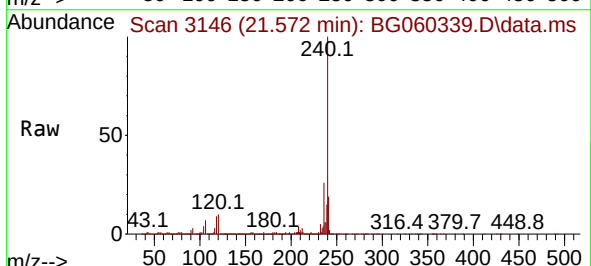
Tgt Ion:240 Resp: 1746042

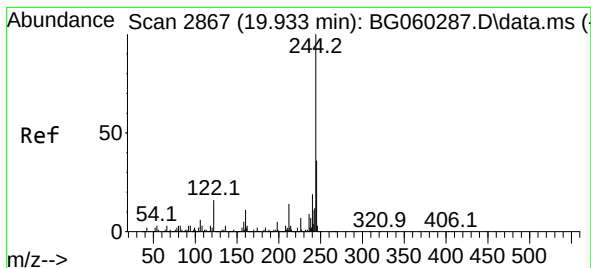
Ion Ratio Lower Upper

240 100

120 10.5 7.3 10.9

236 25.5 20.3 30.5





#79

Terphenyl-d14

Concen: 60.424 ng

RT: 19.933 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060339.D

Acq: 16 Jan 2024 16:57

Instrument :

BNA_G

ClientSampleId :

2ND-FLOOR-SAMPLE-B

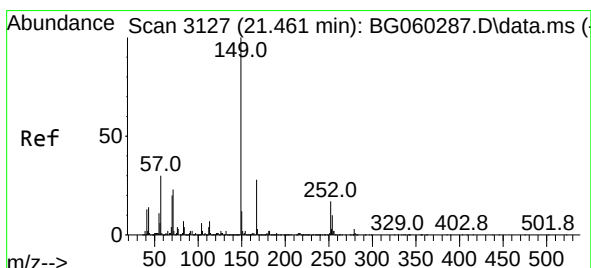
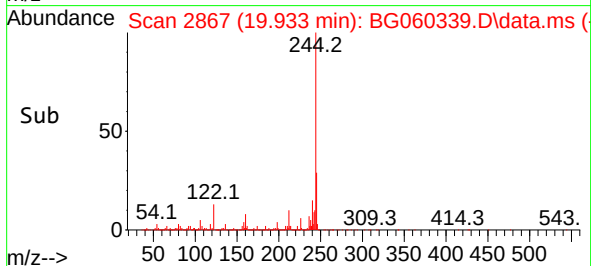
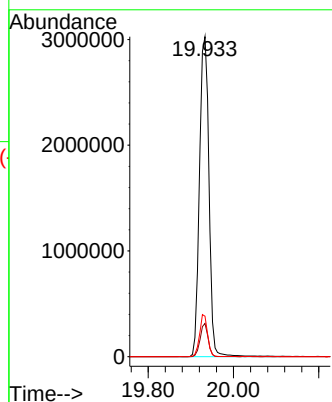
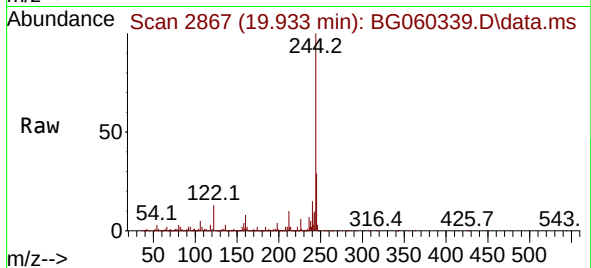
Tgt Ion:244 Resp: 4667254

Ion Ratio Lower Upper

244 100

212 10.4 10.9 16.3#

122 12.6 12.6 18.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.411 ng

RT: 21.461 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BG060339.D

Acq: 16 Jan 2024 16:57

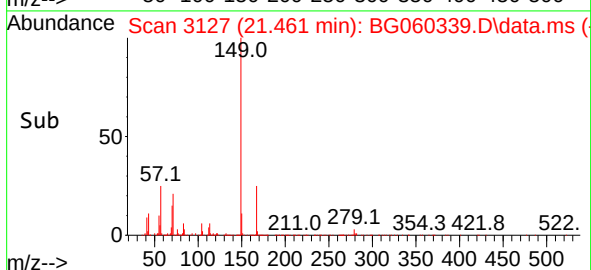
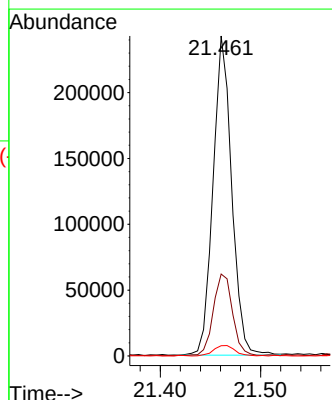
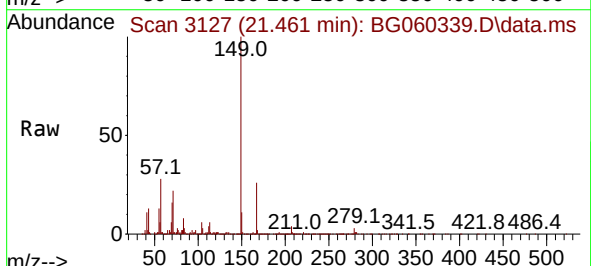
Tgt Ion:149 Resp: 313657

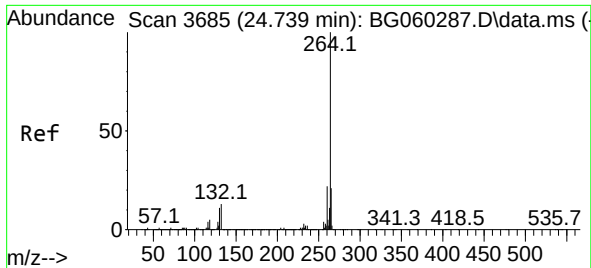
Ion Ratio Lower Upper

149 100

167 25.6 22.2 33.2

279 3.2 2.7 4.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.739 min Scan# 30
Delta R.T. -0.000 min
Lab File: BG060339.D
Acq: 16 Jan 2024 16:57

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

Tgt Ion:264 Resp: 2014453

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.8	26.6
265	21.4	16.8	25.2

