

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

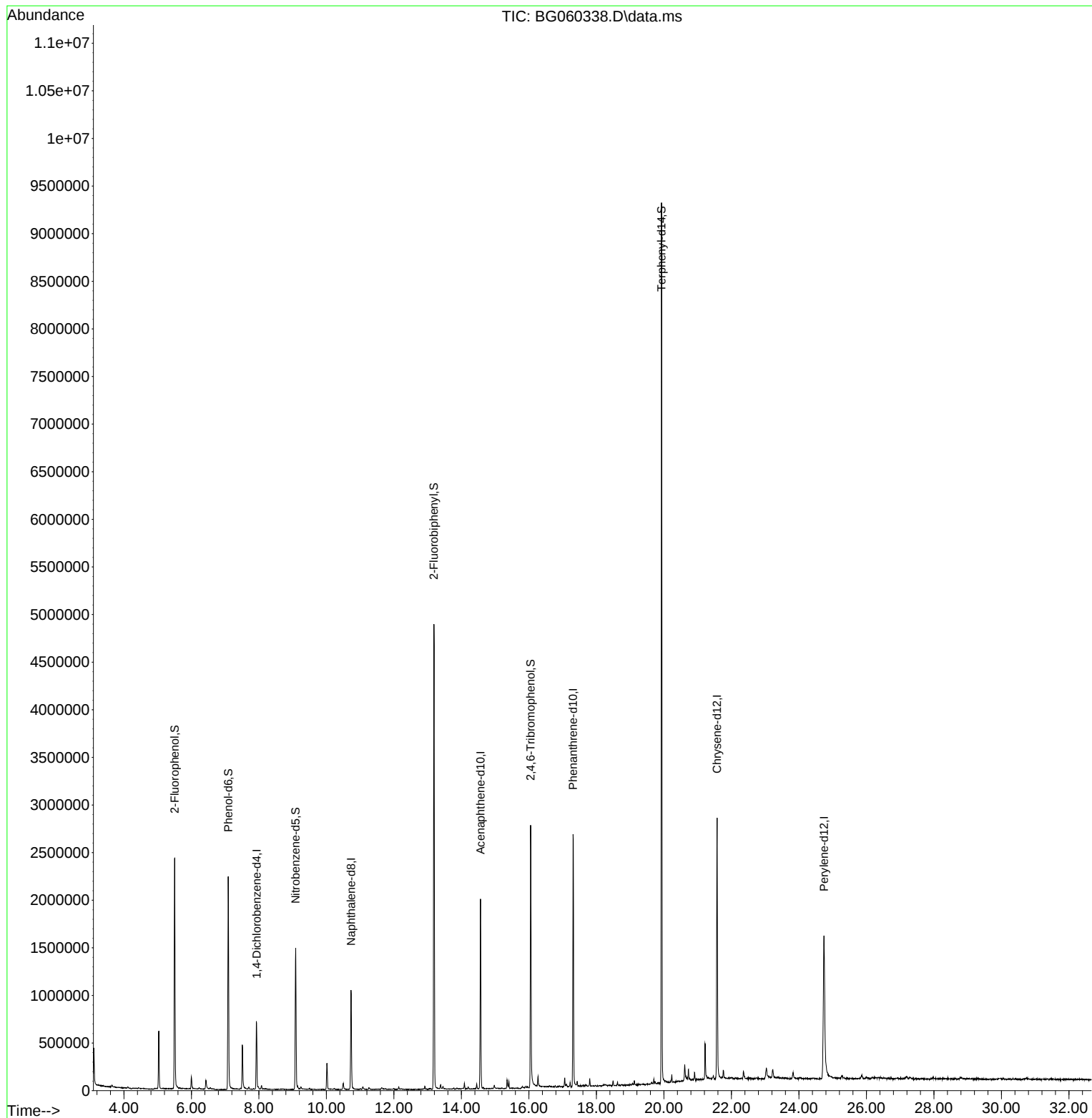
Target Compounds	Qvalue

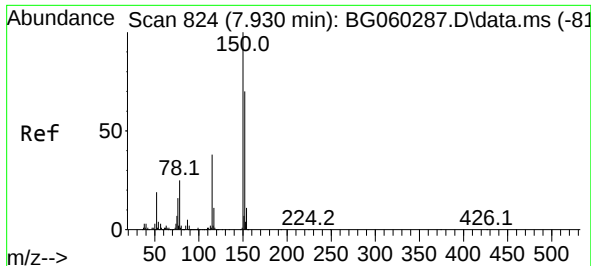
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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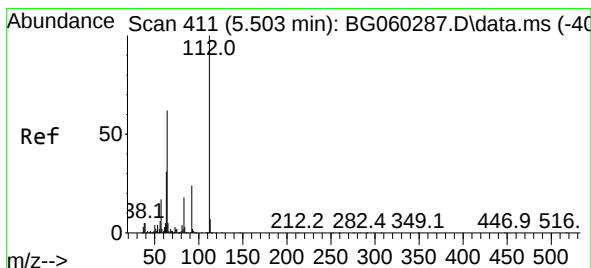
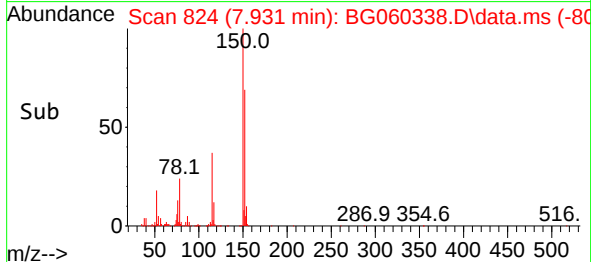
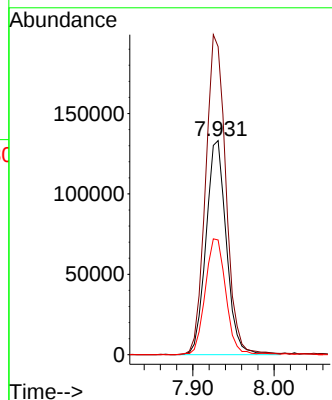
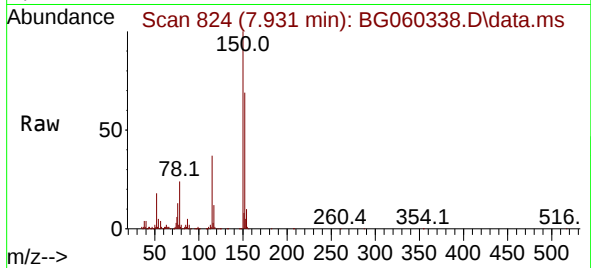




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG060338.D
Acq: 16 Jan 2024 16:16

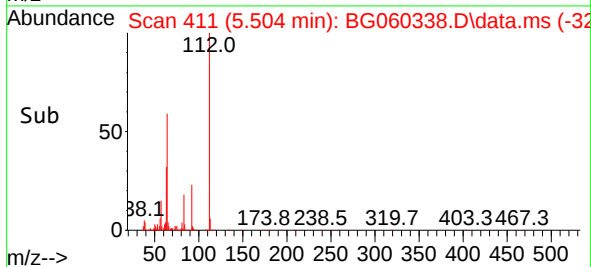
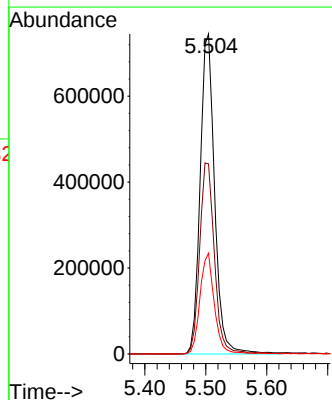
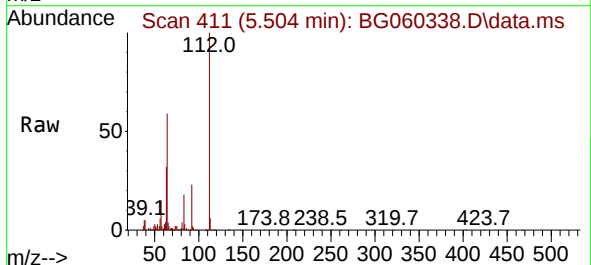
Instrument :
BNA_G
ClientSampleId :
2ND-FLOOR-SAMPLE-A

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



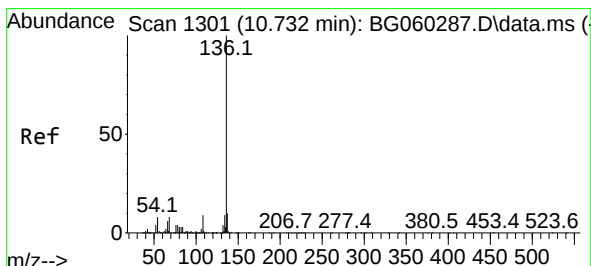
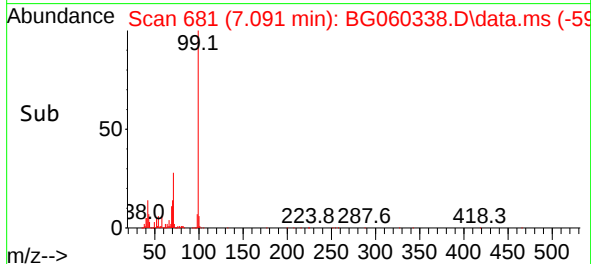
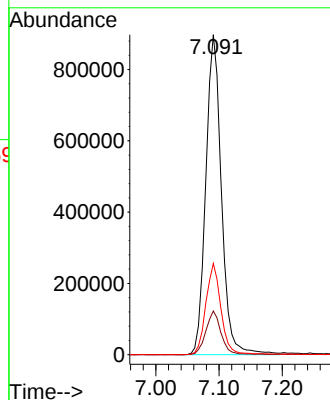
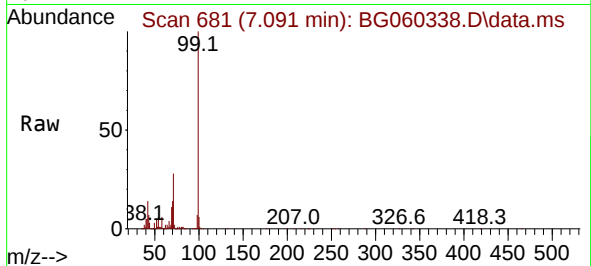


#7
Phenol-d6
Concen: 74.233 ng
RT: 7.091 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060338.D
Acq: 16 Jan 2024 16:16

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

Tgt Ion: 99 Resp: 1549292

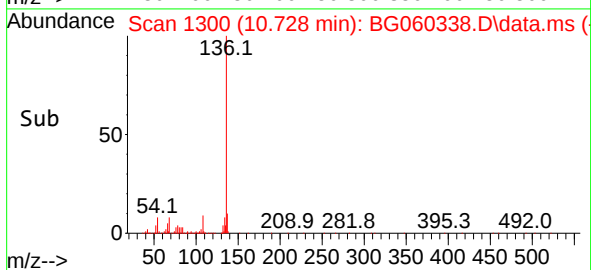
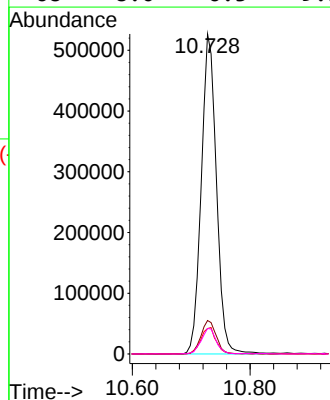
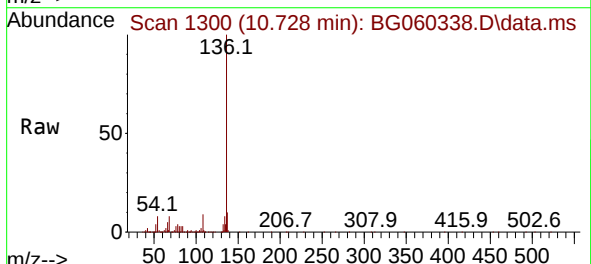
Ion	Ratio	Lower	Upper
99	100		
42	13.6	10.9	16.3
71	28.5	21.5	32.3

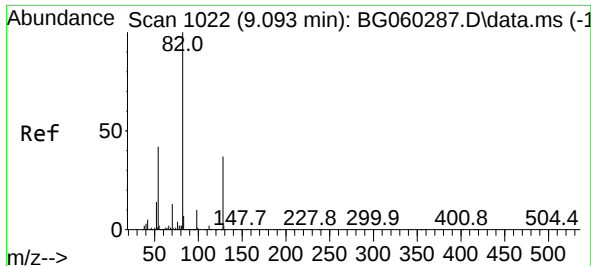


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1300
Delta R.T. -0.004 min
Lab File: BG060338.D
Acq: 16 Jan 2024 16:16

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# 1022

Delta R.T. -0.004 min

Lab File: BG060338.D

Acq: 16 Jan 2024 16:16

Instrument :

BNA_G

ClientSampleId :

2ND-FLOOR-SAMPLE-A

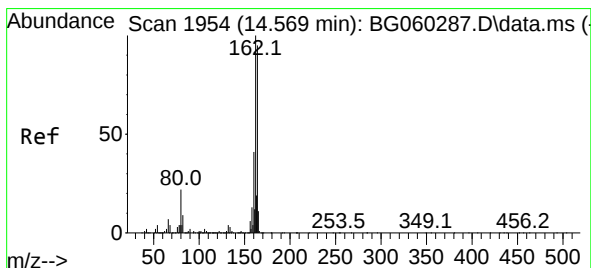
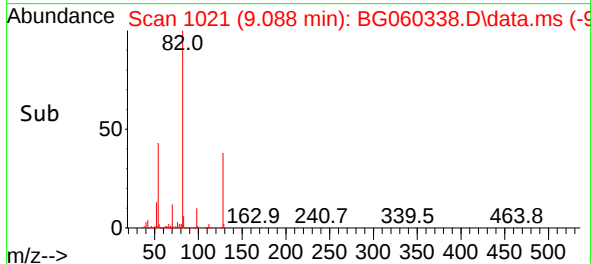
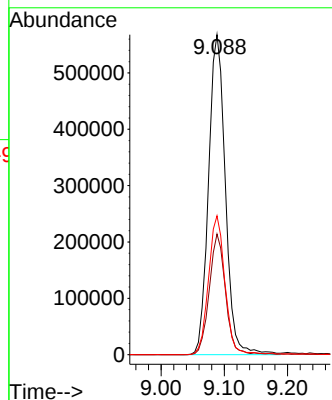
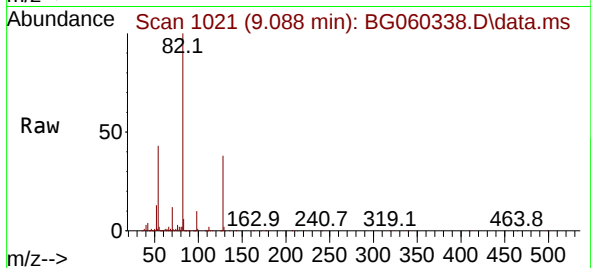
Tgt Ion: 82 Resp: 1051337

Ion Ratio Lower Upper

82 100

128 37.7 29.6 44.4

54 43.4 33.6 50.4



#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

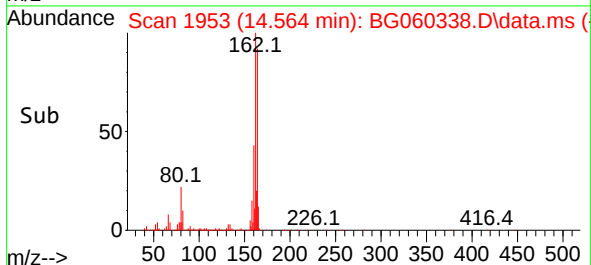
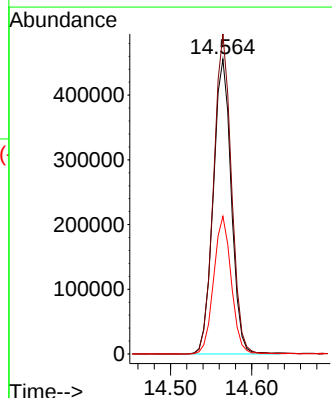
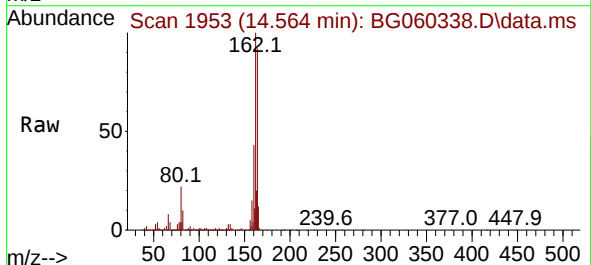
Tgt Ion:164 Resp: 701291

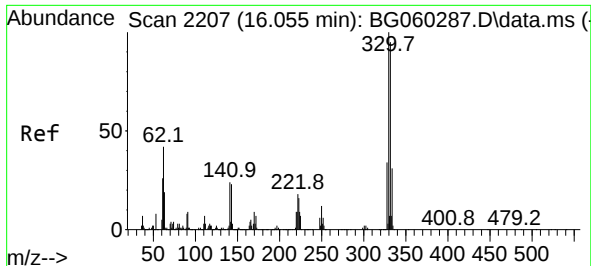
Ion Ratio Lower Upper

164 100

162 108.6 84.4 126.6

160 46.7 34.6 52.0

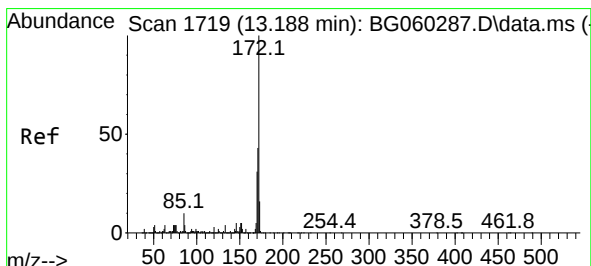
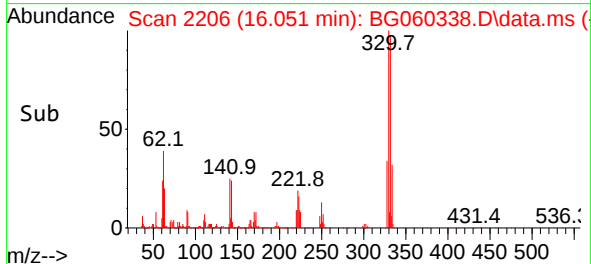
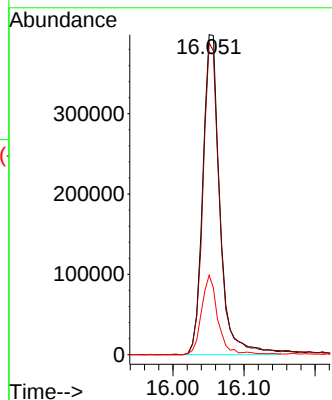
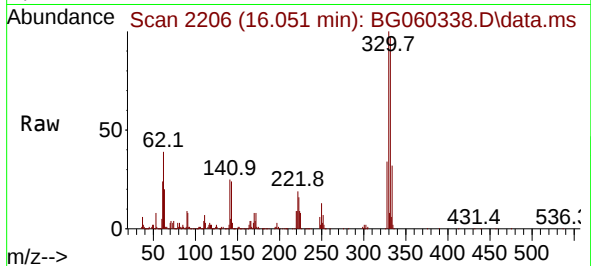




#42
2,4,6-Tribromophenol
Concen: 64.902 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060338.D
Acq: 16 Jan 2024 16:16

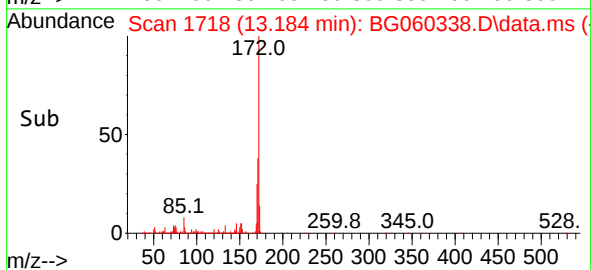
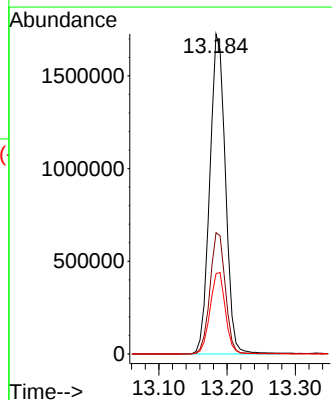
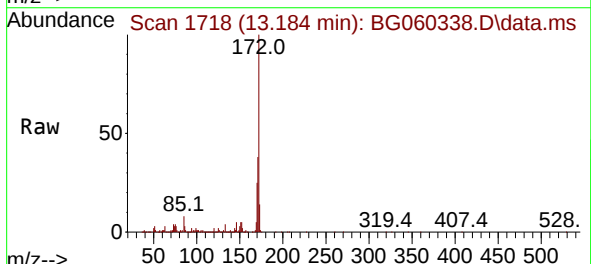
Instrument :
BNA_G
ClientSampleId :
2ND-FLOOR-SAMPLE-A

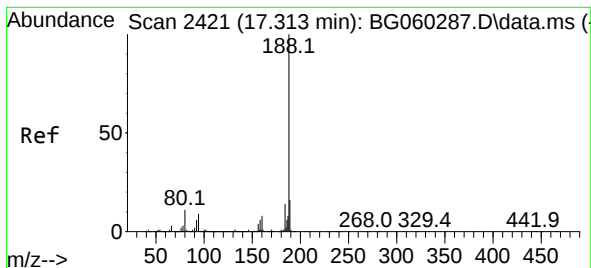
Tgt Ion:330 Resp: 669657
Ion Ratio Lower Upper
330 100
332 98.1 76.7 115.1
141 23.1 18.6 28.0



#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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.308 min Scan# 2421

Delta R.T. -0.004 min

Lab File: BG060338.D

Acq: 16 Jan 2024 16:16

Instrument :

BNA_G

ClientSampleId :

2ND-FLOOR-SAMPLE-A

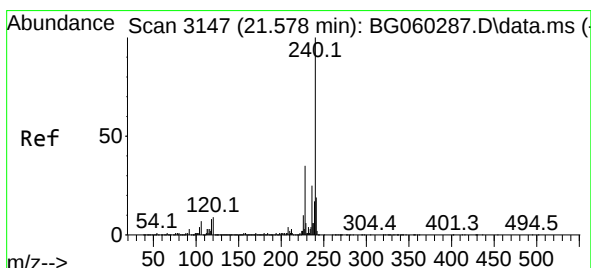
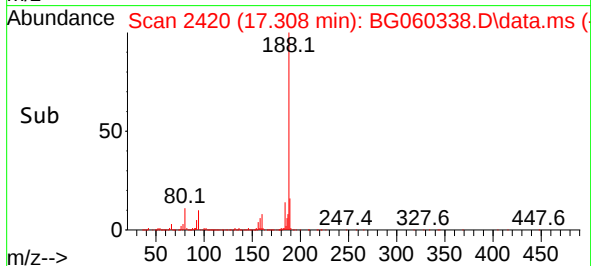
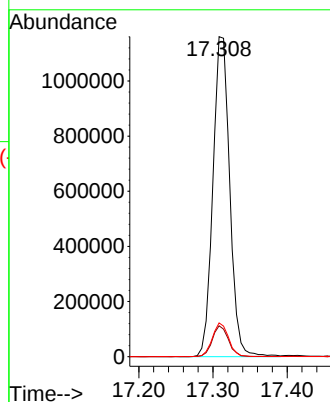
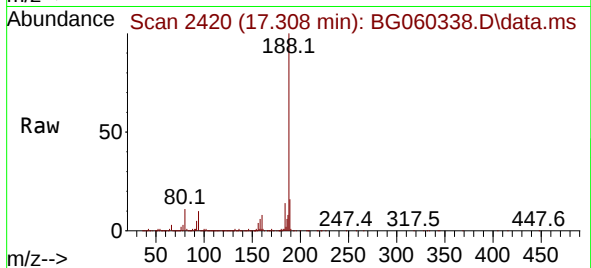
Tgt Ion:188 Resp: 1828189

Ion Ratio Lower Upper

188 100

94 9.7 7.1 10.7

80 10.6 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3146

Delta R.T. -0.004 min

Lab File: BG060338.D

Acq: 16 Jan 2024 16:16

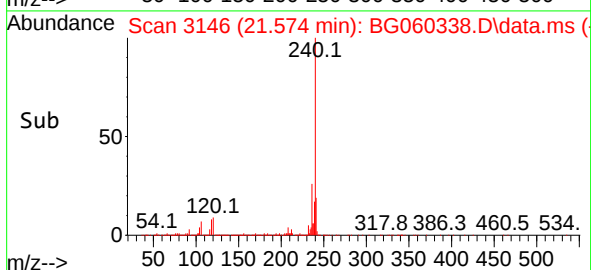
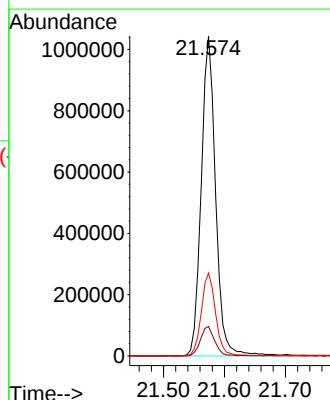
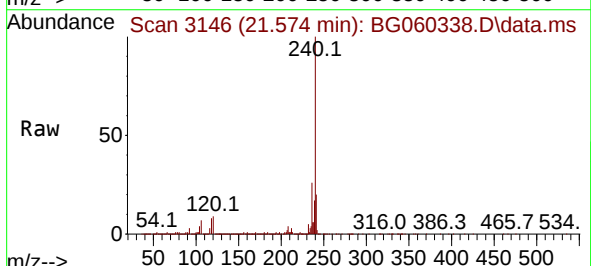
Tgt Ion:240 Resp: 1710481

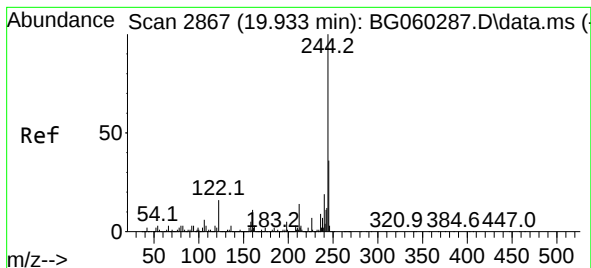
Ion Ratio Lower Upper

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# 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

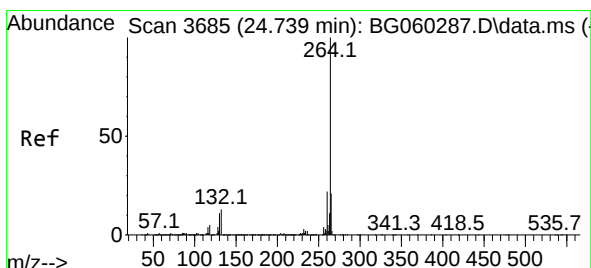
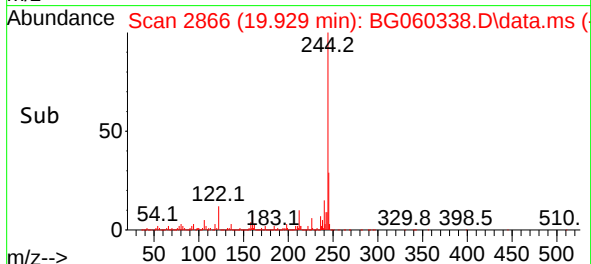
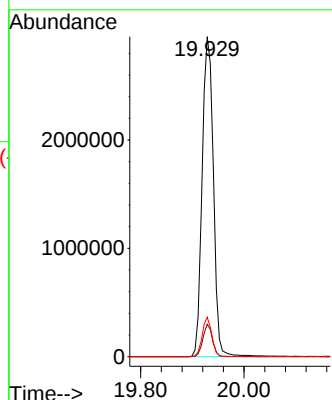
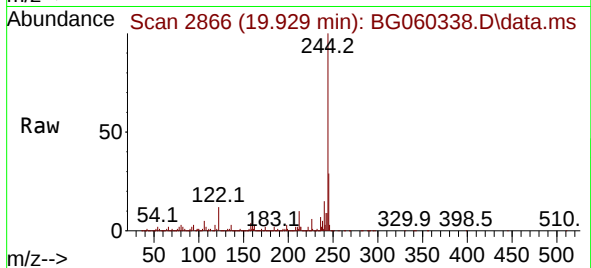
Tgt Ion:244 Resp: 4470541

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# 3685

Delta R.T. 0.001 min

Lab File: BG060338.D

Acq: 16 Jan 2024 16:16

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

