

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011624\
 Data File : BG060336.D
 Acq On : 16 Jan 2024 14:55
 Operator : MA/JU
 Sample : P1146-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jan 16 15:27:38 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	7.932	152	236549	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	961073	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	700714	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1678650	20.000	ng	0.00
76) Chrysene-d12	21.575	240	1476377	20.000	ng	0.00
86) Perylene-d12	24.741	264	1681781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1262233	87.766	ng	0.00
7) Phenol-d6	7.092	99	1741717	81.786	ng	0.00
23) Nitrobenzene-d5	9.089	82	1186467	58.294	ng	0.00
42) 2,4,6-Tribromophenol	16.052	330	658539	63.877	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	3006725	59.658	ng	0.00
79) Terphenyl-d14	19.929	244	4289961	67.966	ng	0.00

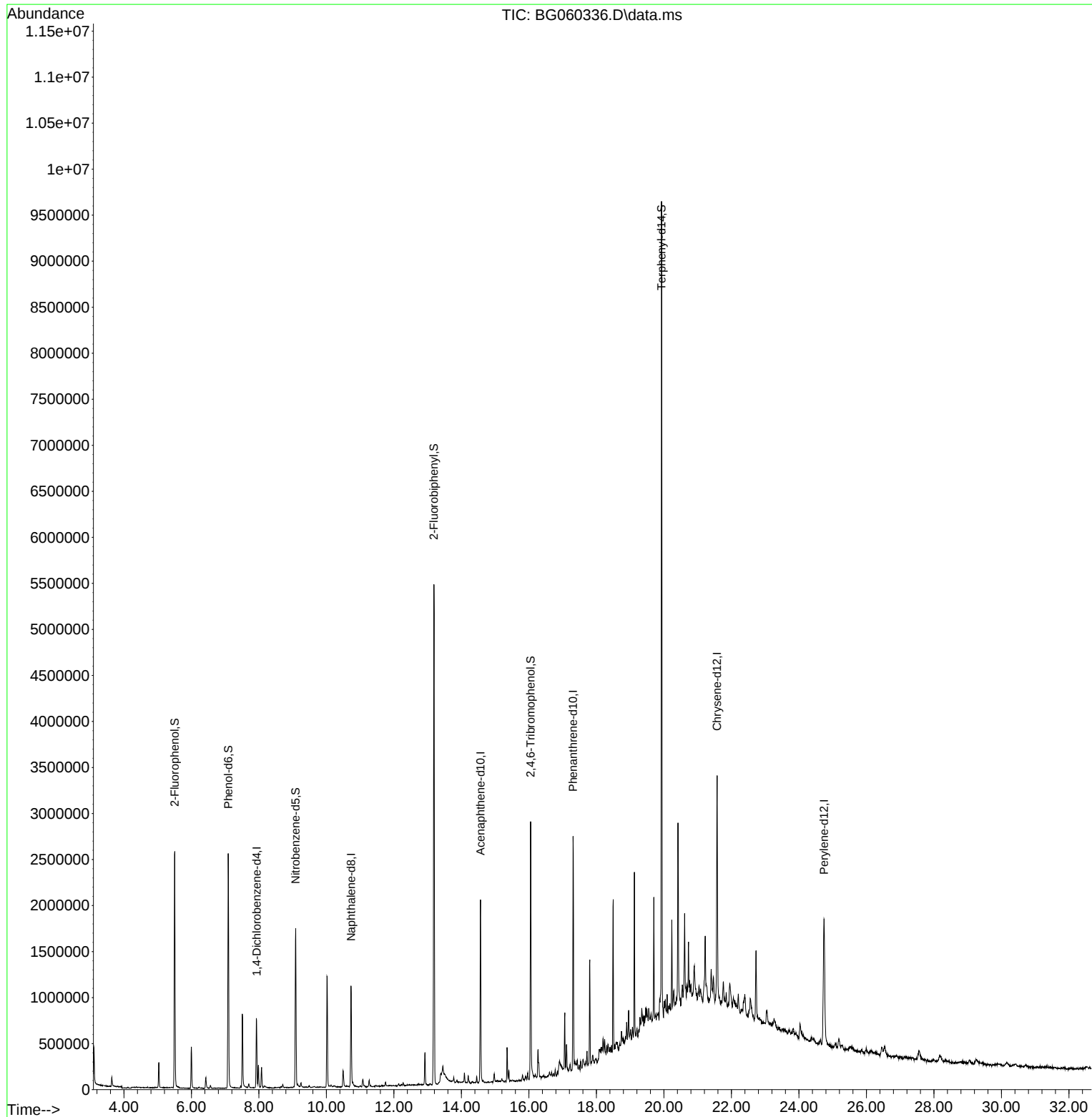
Target Compounds	Qvalue

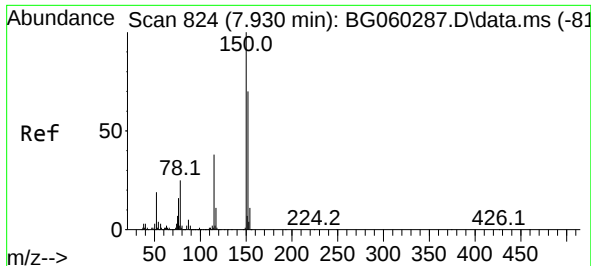
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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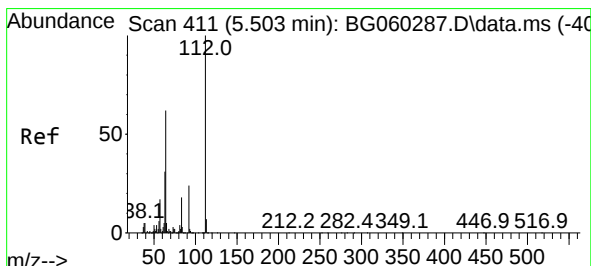
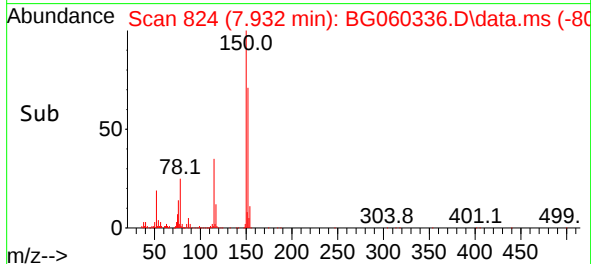
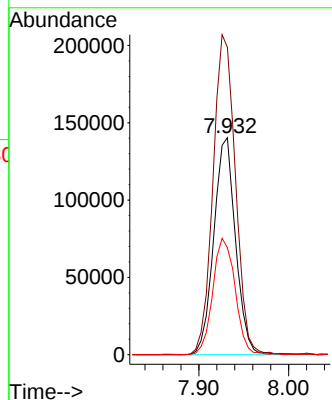
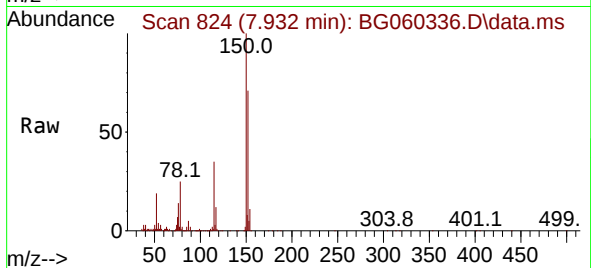




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG060336.D
Acq: 16 Jan 2024 14:55

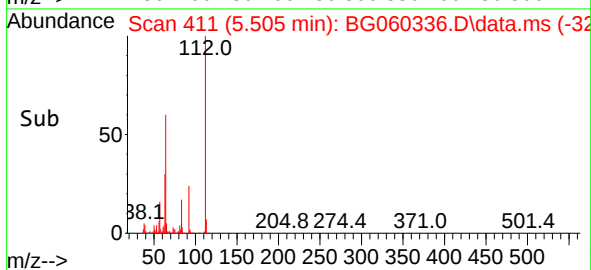
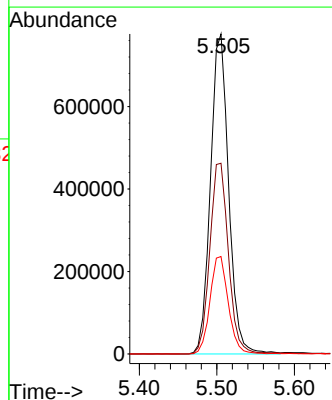
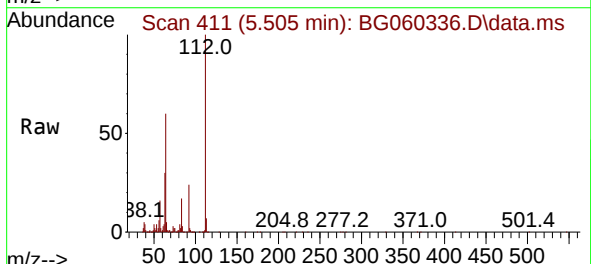
Instrument :
BNA_G
ClientSampleId :
1ST-FLOOR-SAMPLE-A

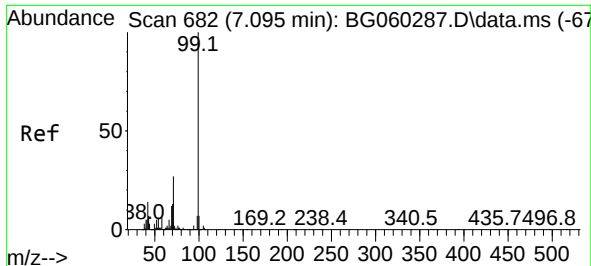
Tgt Ion:152 Resp: 236549
Ion Ratio Lower Upper
152 100
150 141.7 114.5 171.7
115 49.4 43.0 64.6



#5
2-Fluorophenol
Concen: 87.766 ng
RT: 5.505 min Scan# 411
Delta R.T. 0.002 min
Lab File: BG060336.D
Acq: 16 Jan 2024 14:55

Tgt Ion:112 Resp: 1262233
Ion Ratio Lower Upper
112 100
64 59.6 49.8 74.6
63 30.5 24.4 36.6

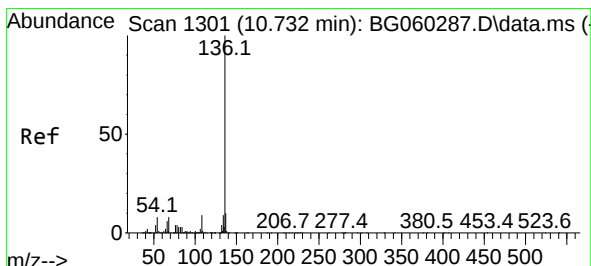
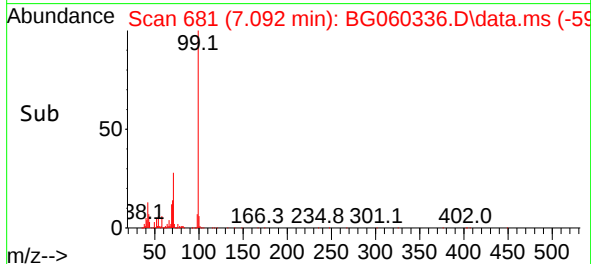
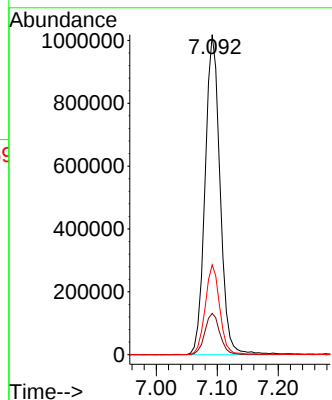
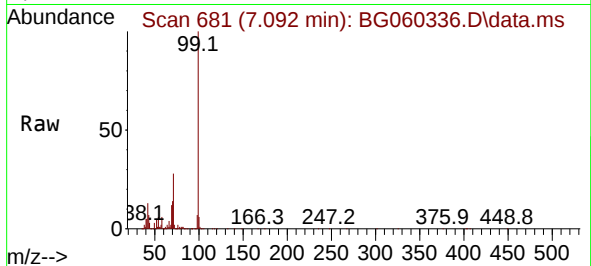




#7
Phenol-d6
Concen: 81.786 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060336.D
Acq: 16 Jan 2024 14:55

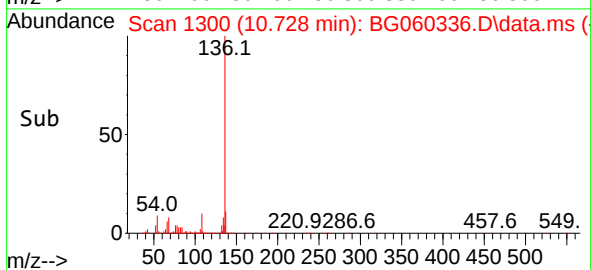
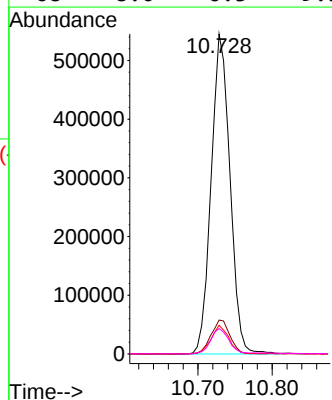
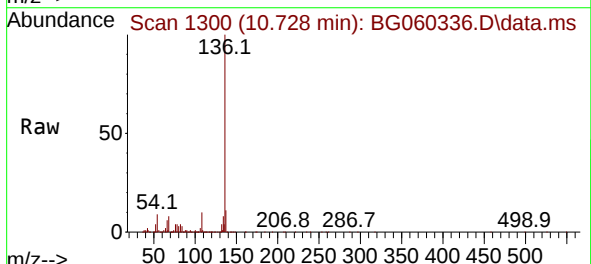
Instrument :
BNA_G
ClientSampleId :
1ST-FLOOR-SAMPLE-A

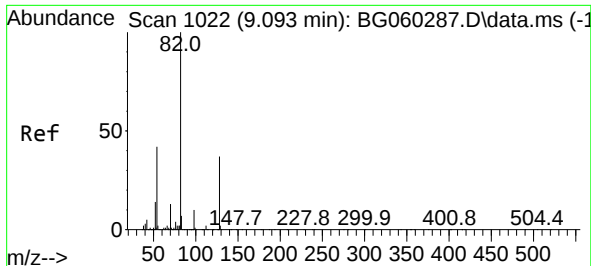
Tgt Ion: 99 Resp: 1741717
Ion Ratio Lower Upper
99 100
42 12.9 10.9 16.3
71 28.1 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1300
Delta R.T. -0.004 min
Lab File: BG060336.D
Acq: 16 Jan 2024 14:55

Tgt Ion: 136 Resp: 961073
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.4
54 9.0 6.2 9.2
68 8.0 6.3 9.5





#23

Nitrobenzene-d5

Concen: 58.294 ng

RT: 9.089 min Scan# 1022

Delta R.T. -0.004 min

Lab File: BG060336.D

Acq: 16 Jan 2024 14:55

Instrument :

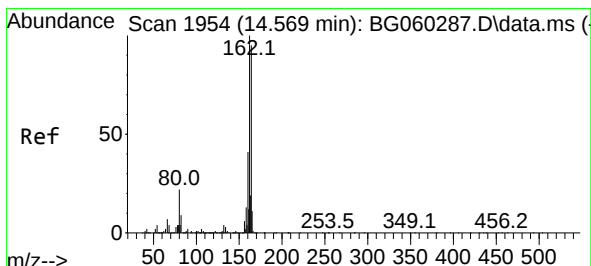
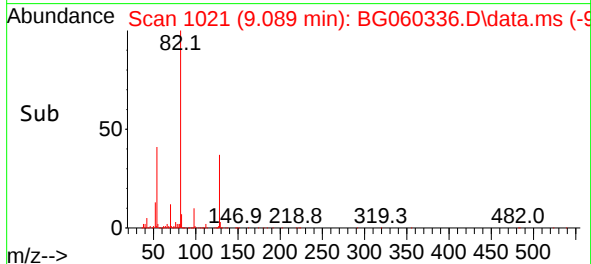
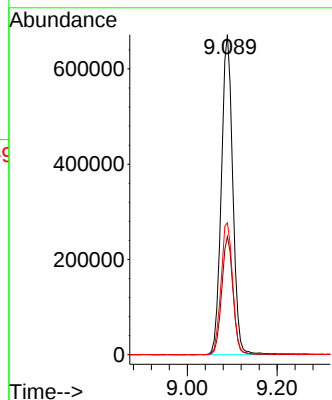
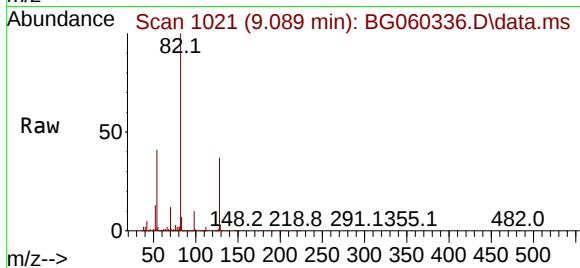
BNA_G

ClientSampleId :

1ST-FLOOR-SAMPLE-A

Tgt Ion: 82 Resp: 1186467

Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.6	44.4
54	41.2	33.6	50.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.565 min Scan# 1953

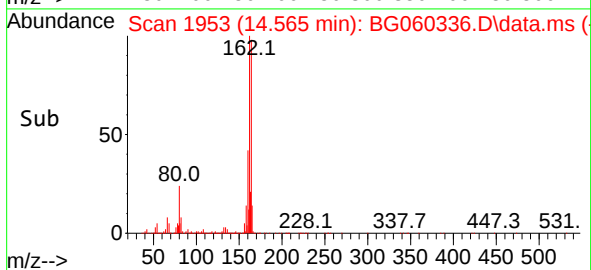
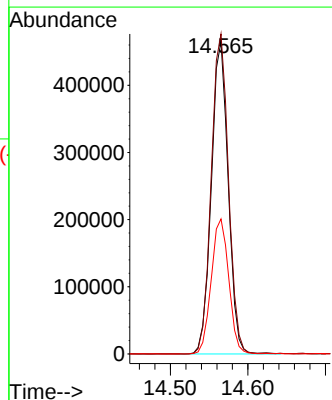
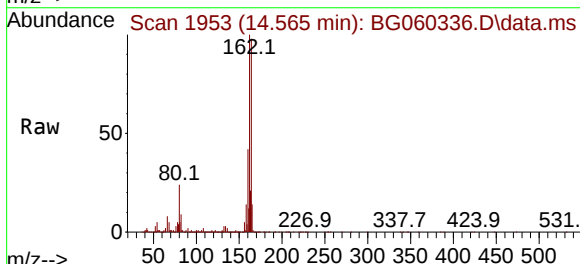
Delta R.T. -0.004 min

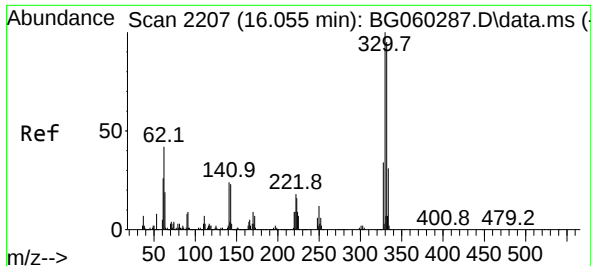
Lab File: BG060336.D

Acq: 16 Jan 2024 14:55

Tgt Ion: 164 Resp: 700714

Ion	Ratio	Lower	Upper
164	100		
162	102.4	84.4	126.6
160	43.2	34.6	52.0

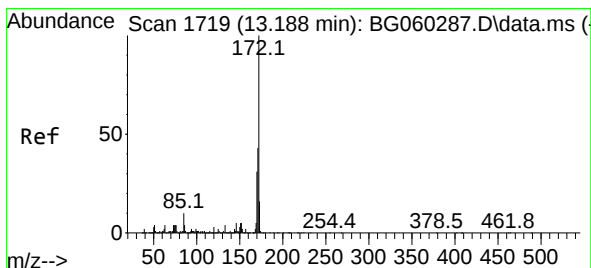
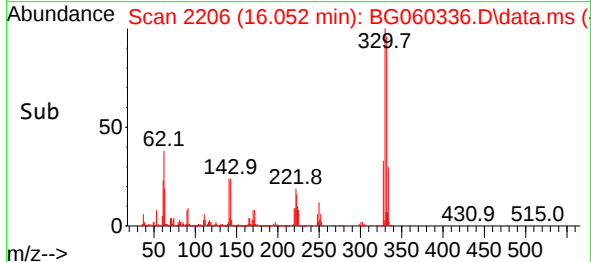
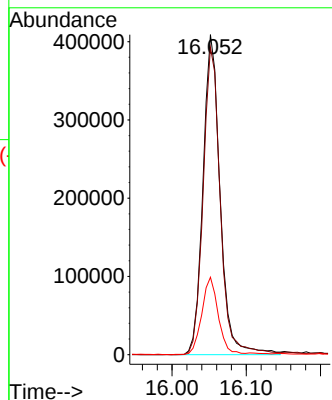
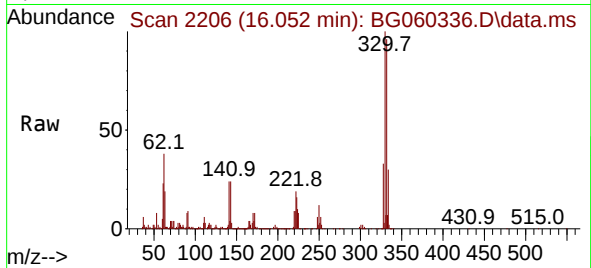




#42
2,4,6-Tribromophenol
Concen: 63.877 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060336.D
Acq: 16 Jan 2024 14:55

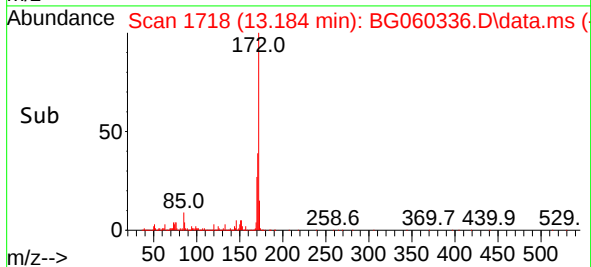
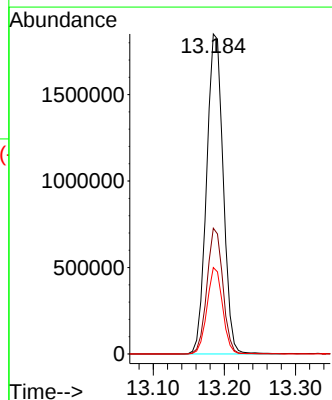
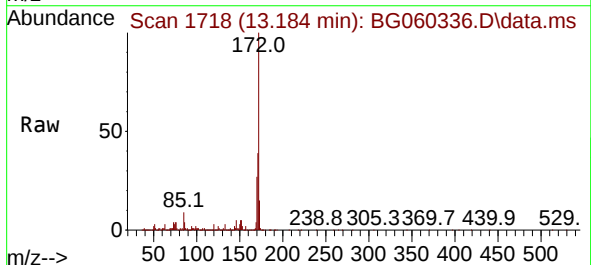
Instrument :
BNA_G
ClientSampleId :
1ST-FLOOR-SAMPLE-A

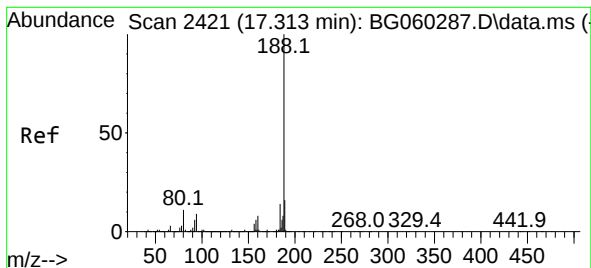
Tgt Ion:330 Resp: 658539
Ion Ratio Lower Upper
330 100
332 95.8 76.7 115.1
141 23.3 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 59.658 ng
RT: 13.184 min Scan# 1718
Delta R.T. -0.004 min
Lab File: BG060336.D
Acq: 16 Jan 2024 14:55

Tgt Ion:172 Resp: 3006725
Ion Ratio Lower Upper
172 100
171 39.3 34.6 51.8
170 27.0 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 24

Delta R.T. -0.004 min

Lab File: BG060336.D

Acq: 16 Jan 2024 14:55

Instrument :

BNA_G

ClientSampleId :

1ST-FLOOR-SAMPLE-A

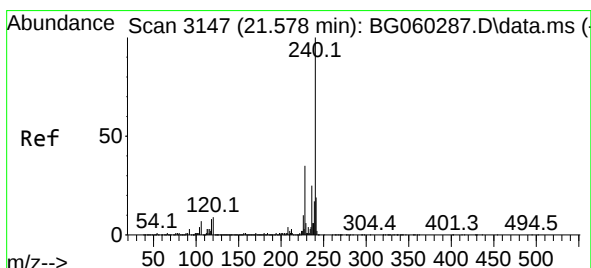
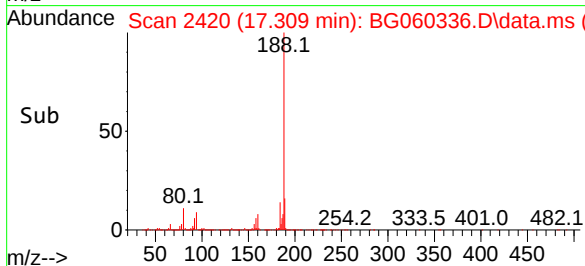
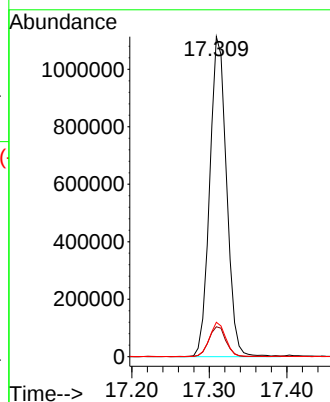
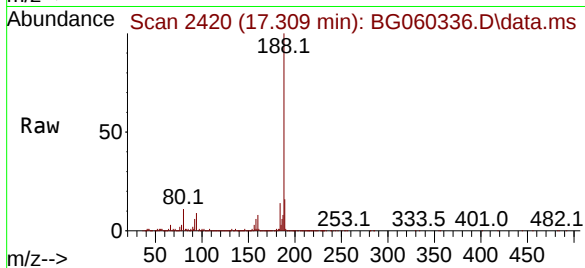
Tgt Ion:188 Resp: 1678650

Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

80 10.7 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.575 min Scan# 3146

Delta R.T. -0.004 min

Lab File: BG060336.D

Acq: 16 Jan 2024 14:55

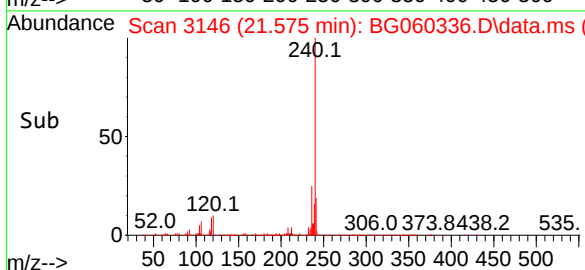
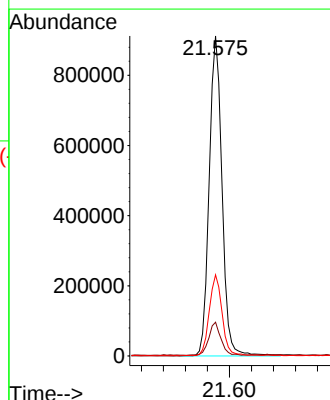
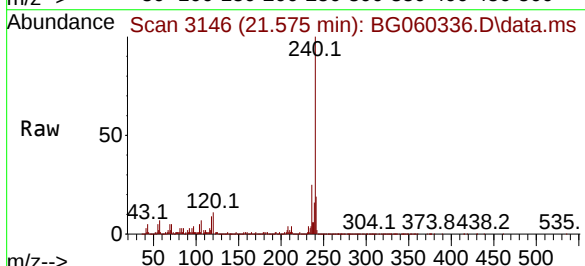
Tgt Ion:240 Resp: 1476377

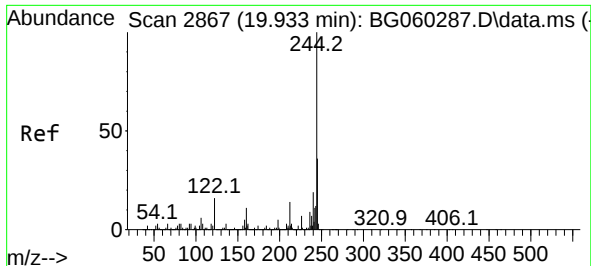
Ion Ratio Lower Upper

240 100

120 10.5 7.3 10.9

236 25.3 20.3 30.5





#79

Terphenyl-d14

Concen: 67.966 ng

RT: 19.929 min Scan# 2

Delta R.T. -0.004 min

Lab File: BG060336.D

Acq: 16 Jan 2024 14:55

Instrument :

BNA_G

ClientSampleId :

1ST-FLOOR-SAMPLE-A

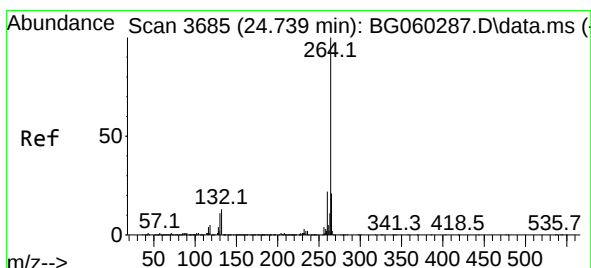
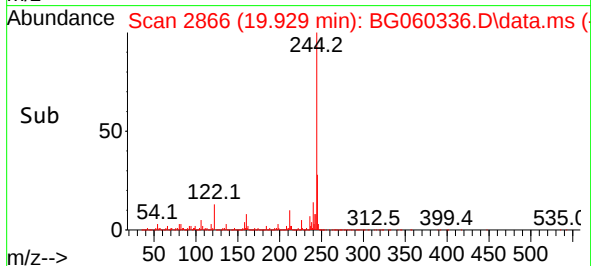
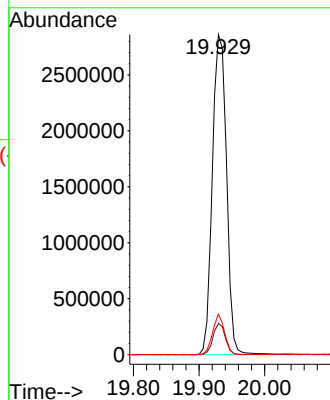
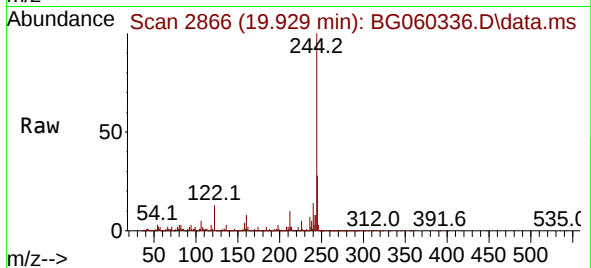
Tgt Ion:244 Resp: 4289961

Ion Ratio Lower Upper

244 100

212 9.8 10.9 16.3#

122 12.7 12.6 18.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.741 min Scan# 3685

Delta R.T. 0.002 min

Lab File: BG060336.D

Acq: 16 Jan 2024 14:55

Tgt Ion:264 Resp: 1681781

Ion Ratio Lower Upper

264 100

260 23.4 17.8 26.6

265 20.9 16.8 25.2

