

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)

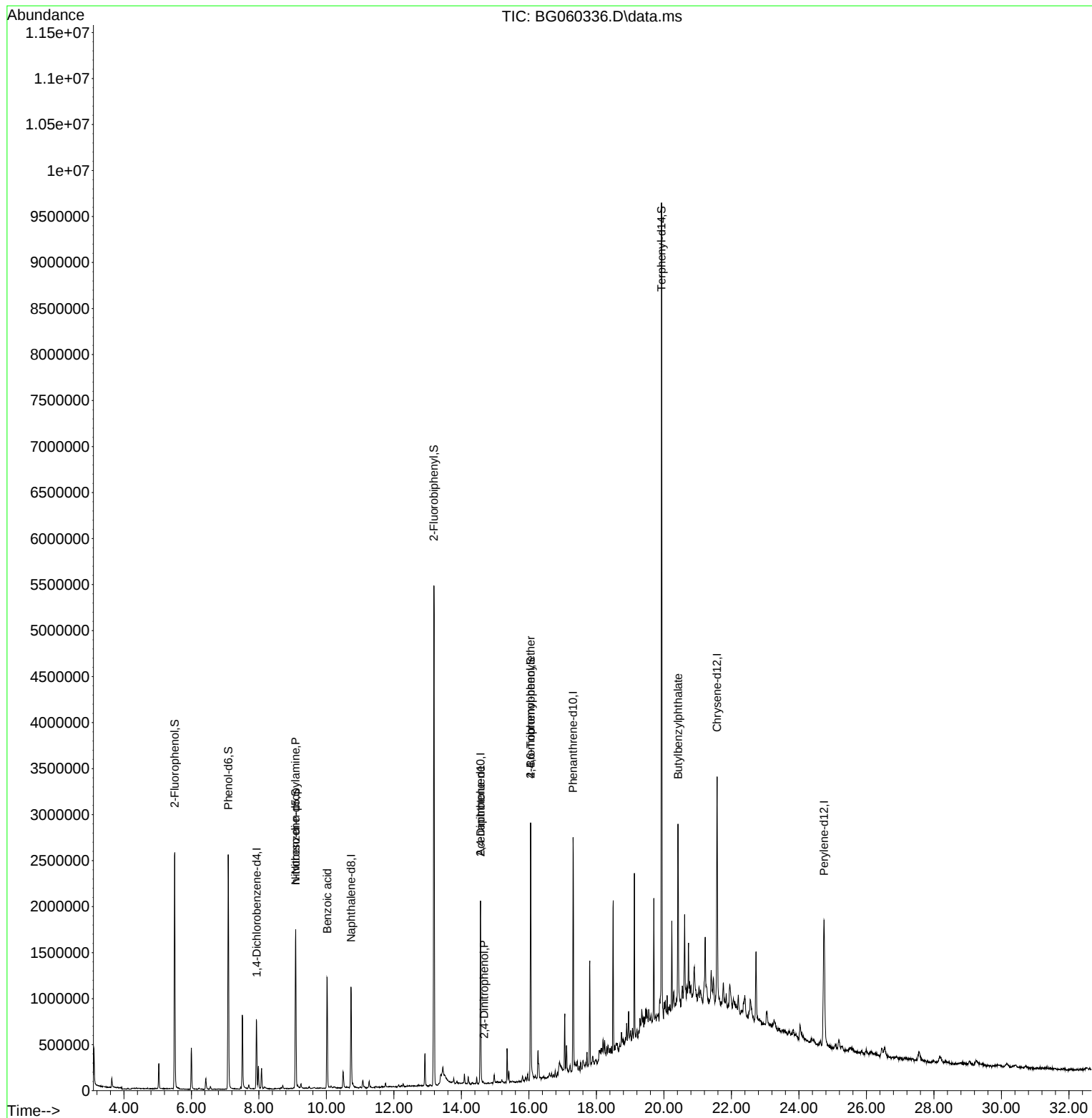
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	236549	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	961073	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	700714	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1678650	20.000	ng	0.00
76) Chrysene-d12	21.575	240	1476377	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	9.089	70	142307	9.655	ng	# 89
32) Benzoic acid	10.023	122	855	10.275	ng	# 57
54) 2,4-Dinitrophenol	14.671	184	146	8.605	ng	# 46
57) 2,4-Dinitrotoluene	14.565	165	98744	6.302	ng	# 25
67) 4-Bromophenyl-phenylether	16.052	248	39133	2.122	ng	# 1
80) Butylbenzylphthalate	20.417	149	788221	24.300	ng	# 22

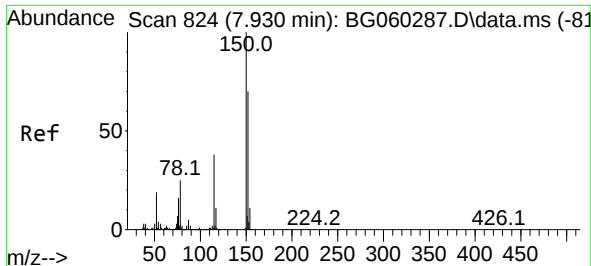
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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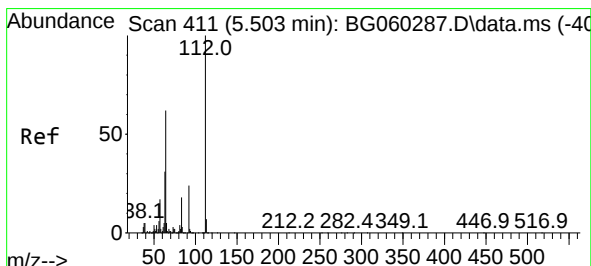
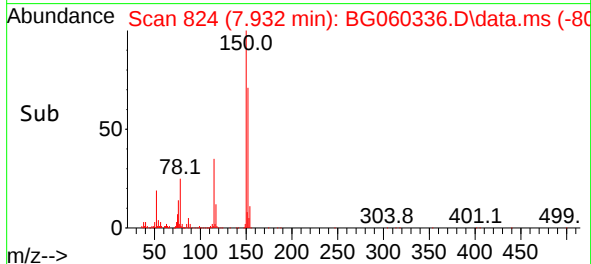
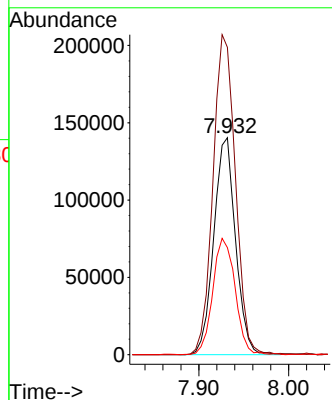
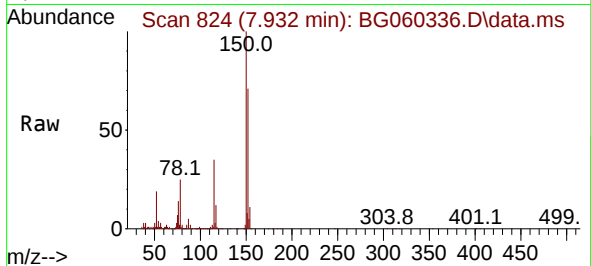




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG060336.D
Acq: 16 Jan 2024 14:55

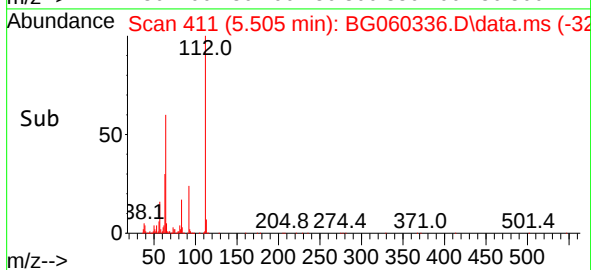
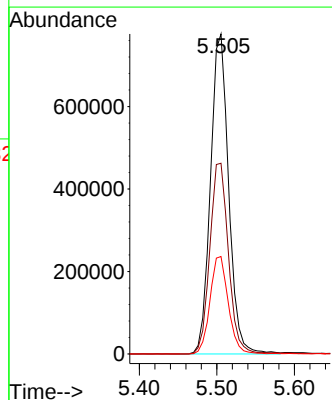
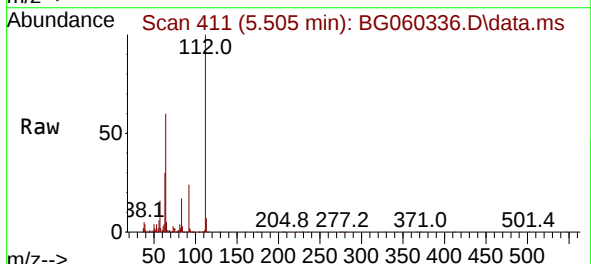
Instrument :
BNA_G
ClientSampleId :
1ST-FLOOR-SAMPLE-A

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

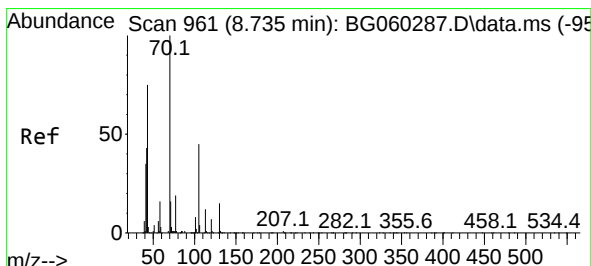
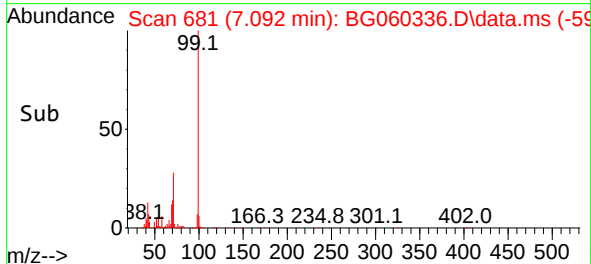
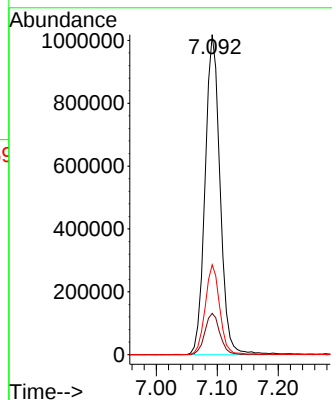
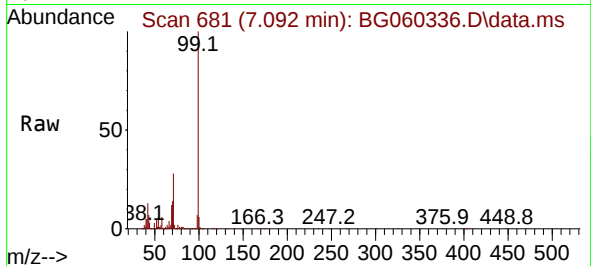




#7
Phenol-d6
Concen: 81.786 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060336.D
Acq: 16 Jan 2024 14:55

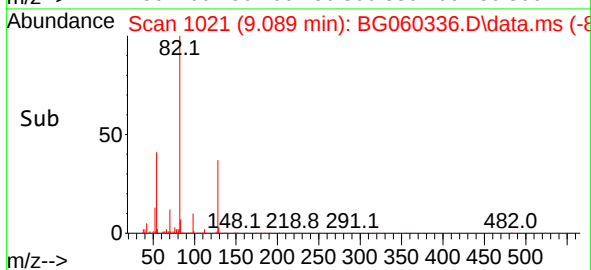
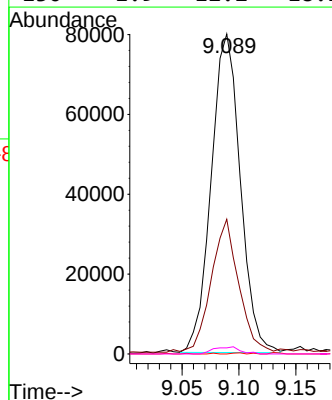
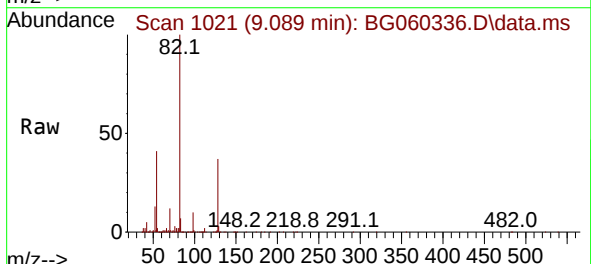
Instrument :
BNA_G
ClientSampleId :
1ST-FLOOR-SAMPLE-A

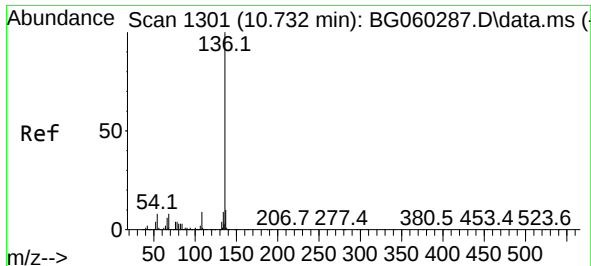
Tgt Ion: 99 Resp: 1741717
Ion Ratio Lower Upper
99 100
42 12.9 10.9 16.3
71 28.1 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.655 ng
RT: 9.089 min Scan# 1021
Delta R.T. 0.355 min
Lab File: BG060336.D
Acq: 16 Jan 2024 14:55

Tgt Ion: 70 Resp: 142307
Ion Ratio Lower Upper
70 100
42 42.1 34.3 51.5
101 0.0 6.2 9.2#
130 1.9 12.2 18.2#

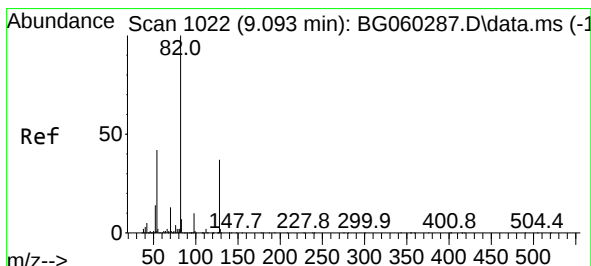
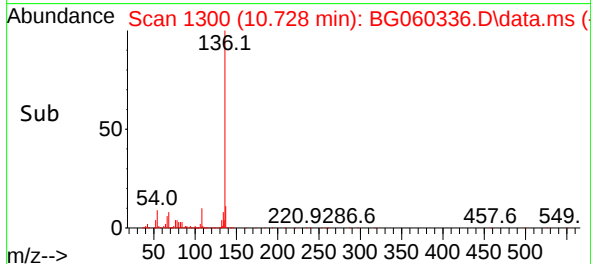
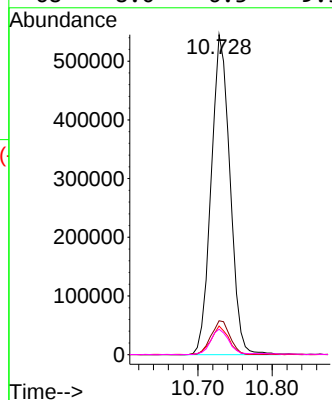
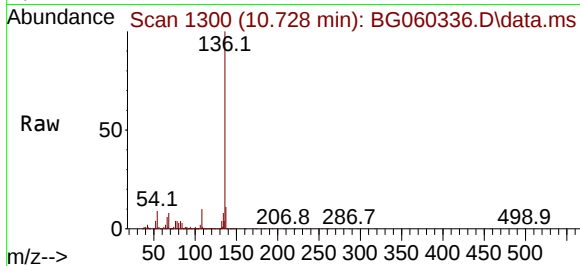




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060336.D
Acq: 16 Jan 2024 14:55

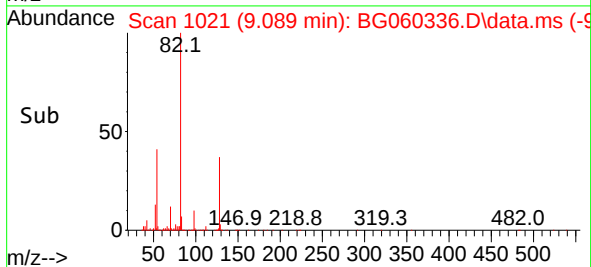
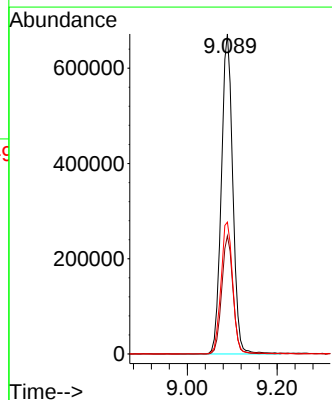
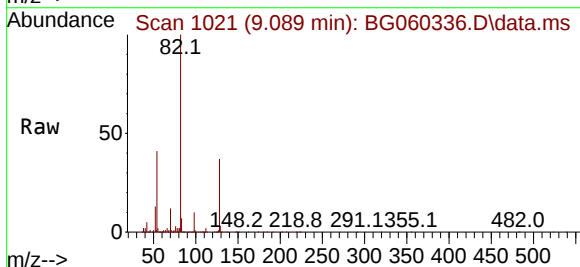
Instrument :
BNA_G
ClientSampleId :
1ST-FLOOR-SAMPLE-A

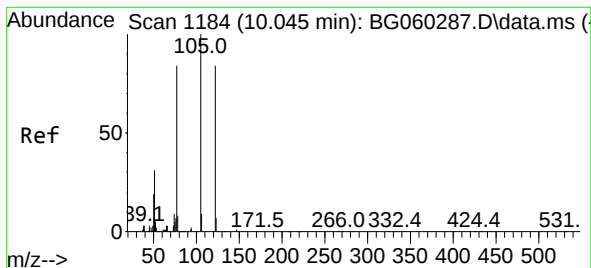
Tgt Ion:	136	Resp:	961073
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.2	12.4
54	9.0	6.2	9.2
68	8.0	6.3	9.5



#23
Nitrobenzene-d5
Concen: 58.294 ng
RT: 9.089 min Scan# 1021
Delta R.T. -0.004 min
Lab File: BG060336.D
Acq: 16 Jan 2024 14:55

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





#32

Benzoic acid

Concen: 10.275 ng

RT: 10.023 min Scan# 1180

Delta R.T. -0.022 min

Lab File: BG060336.D

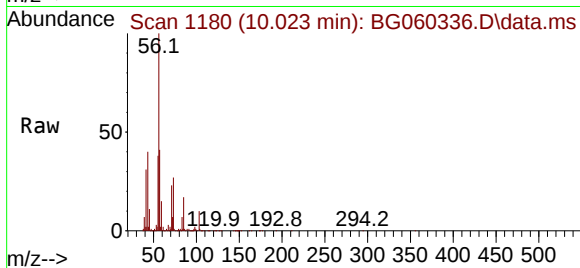
Acq: 16 Jan 2024 14:55

Instrument :

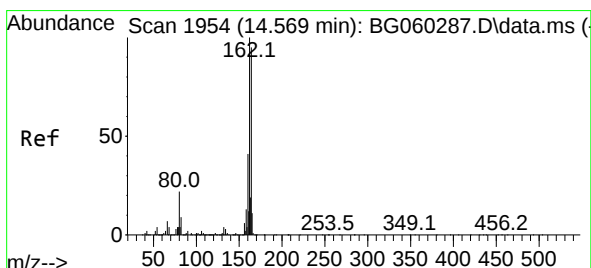
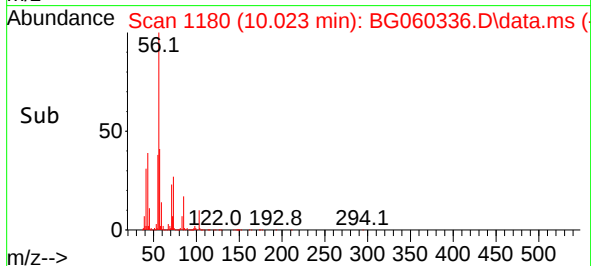
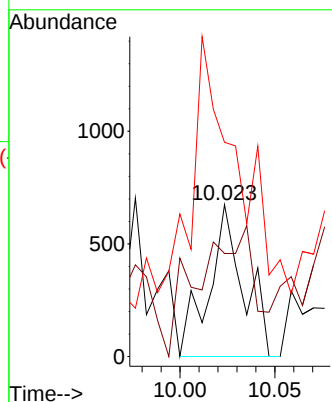
BNA_G

ClientSampleId :

1ST-FLOOR-SAMPLE-A



Tgt Ion:	122	Resp:	855
Ion	Ratio	Lower	Upper
122	100		
105	68.0	96.0	136.0#
77	141.1	80.1	120.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

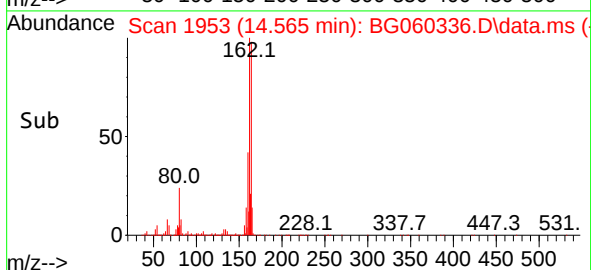
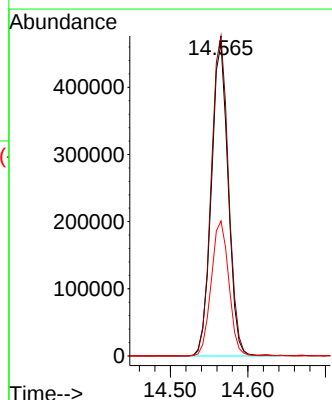
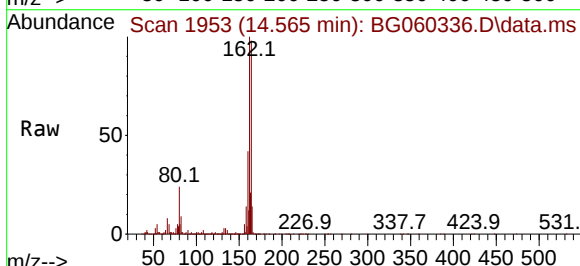
RT: 14.565 min Scan# 1953

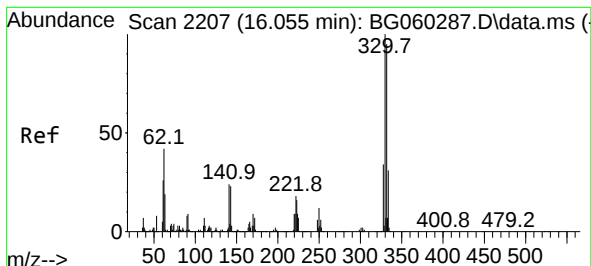
Delta R.T. -0.004 min

Lab File: 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

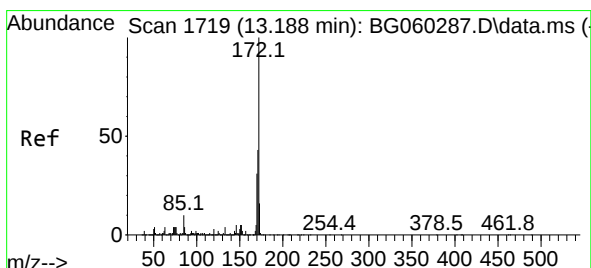
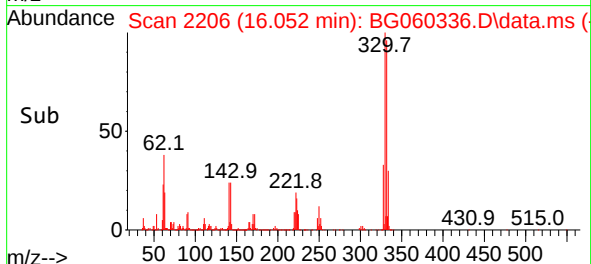
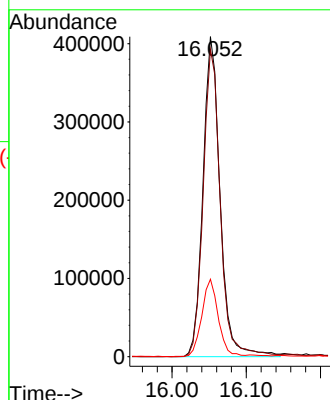
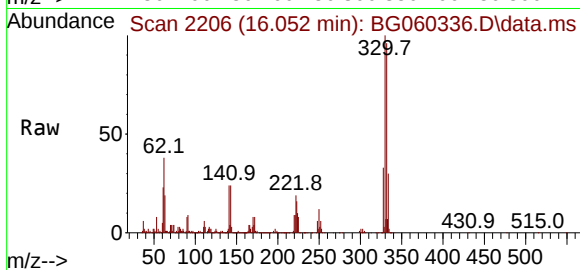
Tgt Ion:330 Resp: 658539

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

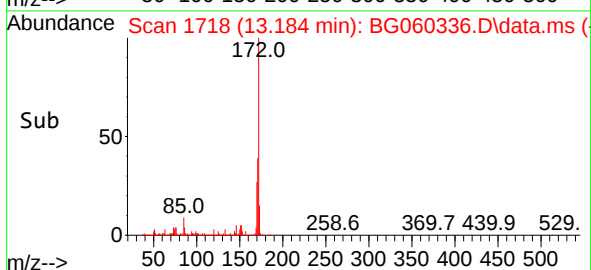
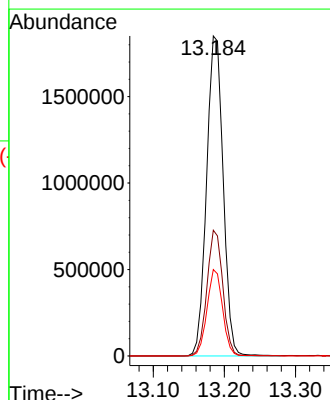
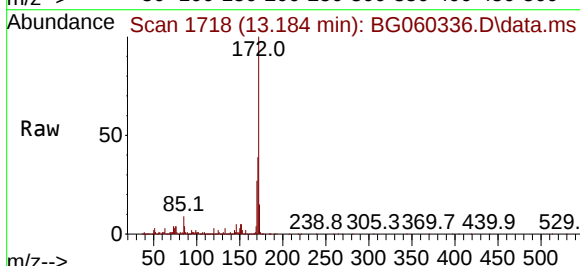
Tgt Ion:172 Resp: 3006725

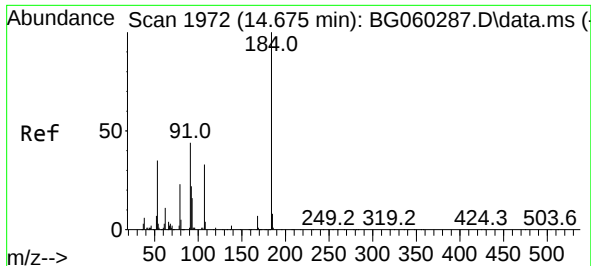
Ion Ratio Lower Upper

172 100

171 39.3 34.6 51.8

170 27.0 24.4 36.6

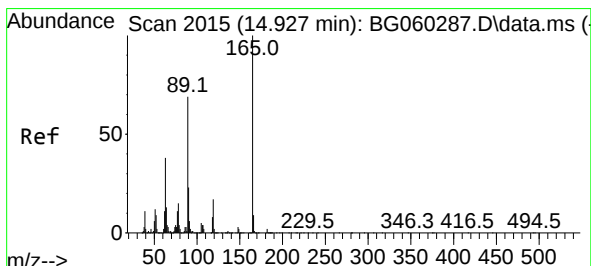
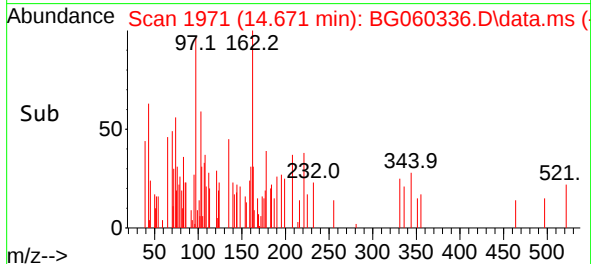
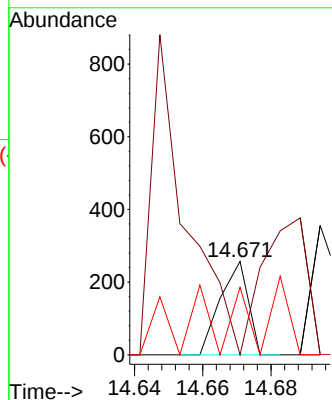
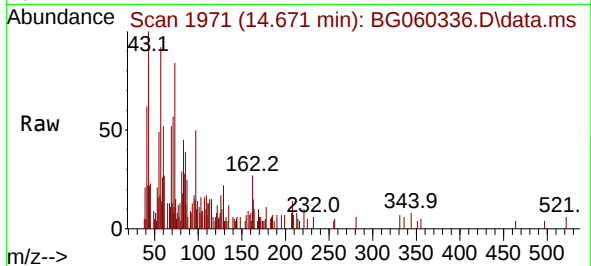




#54
2,4-Dinitrophenol
Concen: 8.605 ng
RT: 14.671 min Scan# 1972
Delta R.T. -0.004 min
Lab File: BG060336.D
Acq: 16 Jan 2024 14:55

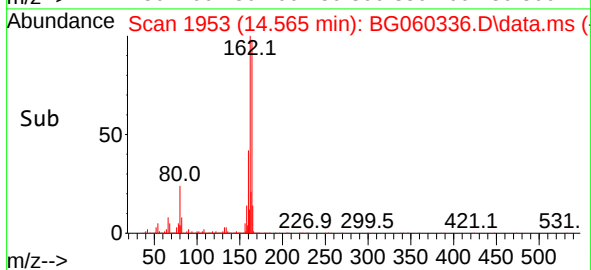
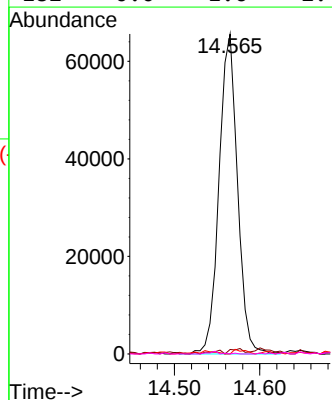
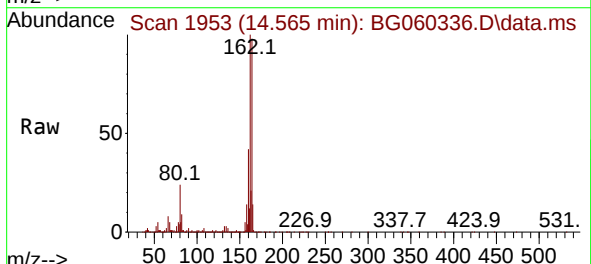
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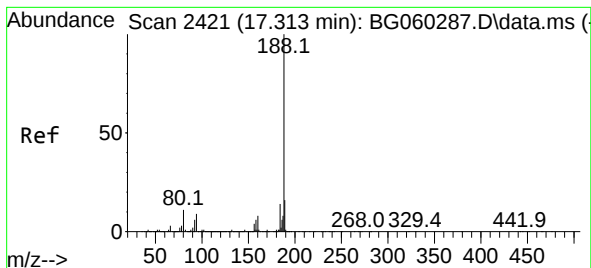
Tgt Ion:184 Resp: 146
Ion Ratio Lower Upper
184 100
63 0.0 41.0 61.4#
154 72.4 39.2 58.8#



#57
2,4-Dinitrotoluene
Concen: 6.302 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.362 min
Lab File: BG060336.D
Acq: 16 Jan 2024 14:55

Tgt Ion:165 Resp: 98744
Ion Ratio Lower Upper
165 100
63 1.4 30.4 45.6#
89 0.0 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: BG060336.D

Acq: 16 Jan 2024 14:55

Instrument :

BNA_G

ClientSampleId :

1ST-FLOOR-SAMPLE-A

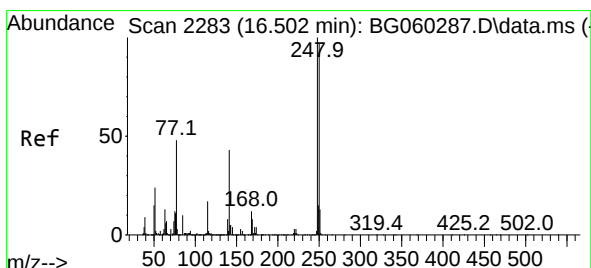
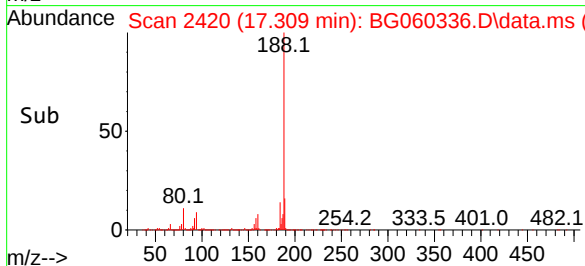
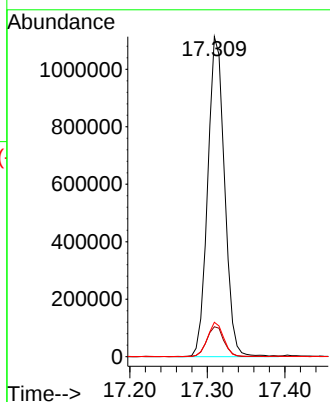
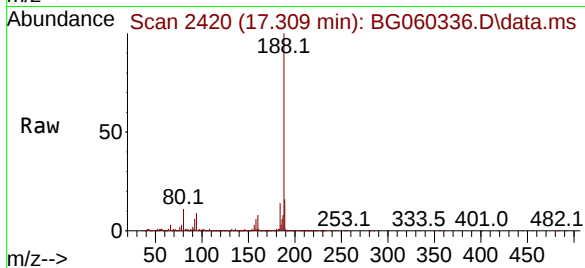
Tgt Ion:188 Resp: 1678650

Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

80 10.7 8.5 12.7



#67

4-Bromophenyl-phenylether

Concen: 2.122 ng

RT: 16.052 min Scan# 2206

Delta R.T. -0.450 min

Lab File: BG060336.D

Acq: 16 Jan 2024 14:55

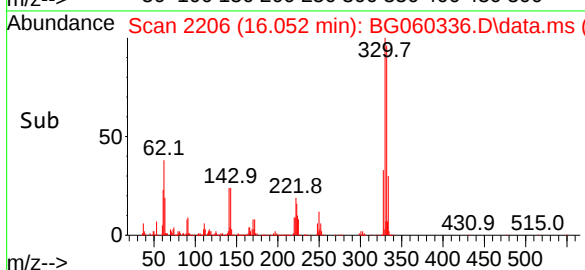
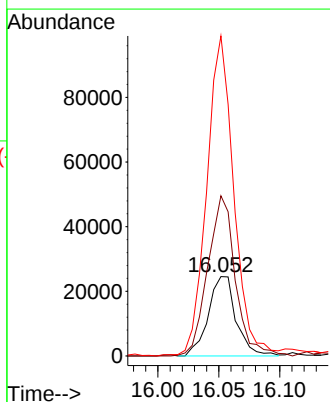
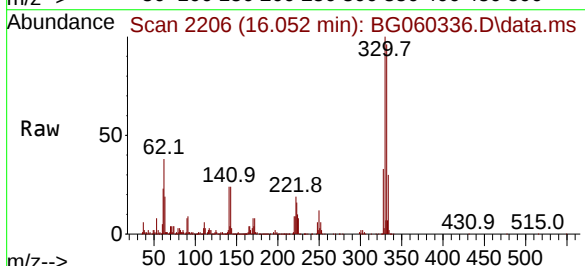
Tgt Ion:248 Resp: 39133

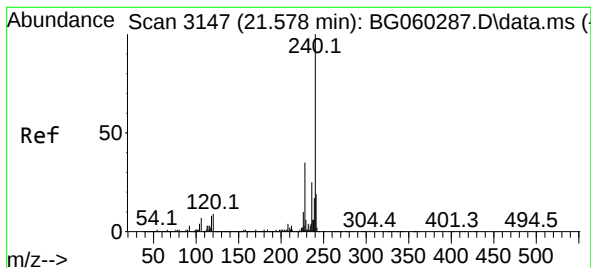
Ion Ratio Lower Upper

248 100

250 202.0 77.6 116.4#

141 403.4 34.2 51.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.575 min Scan# 3147

Delta R.T. -0.004 min

Lab File: BG060336.D

Acq: 16 Jan 2024 14:55

Instrument :

BNA_G

ClientSampleId :

1ST-FLOOR-SAMPLE-A

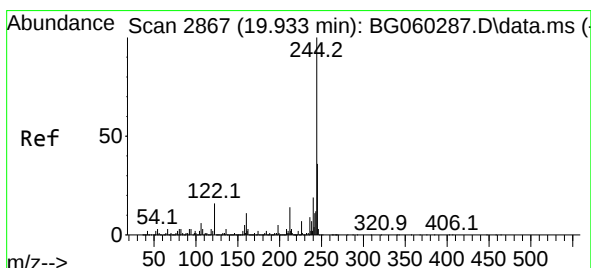
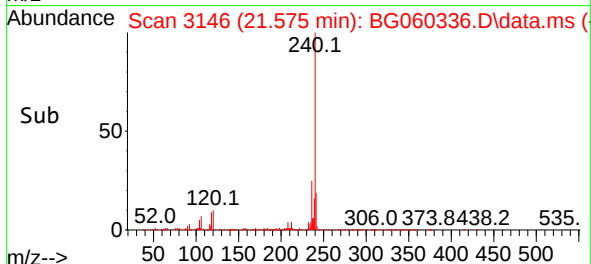
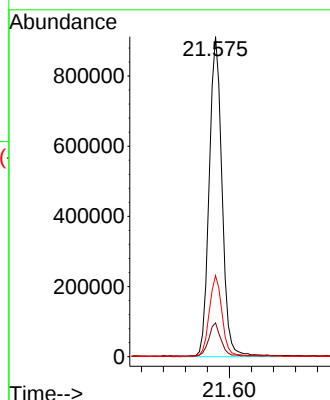
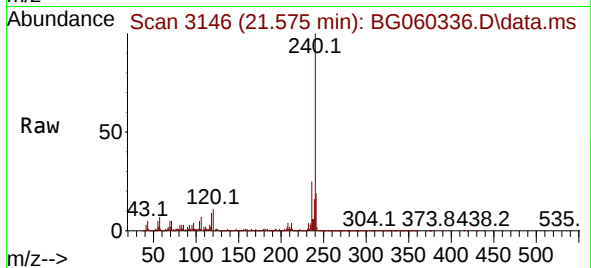
Tgt Ion:240 Resp: 1476377

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# 2866

Delta R.T. -0.004 min

Lab File: BG060336.D

Acq: 16 Jan 2024 14:55

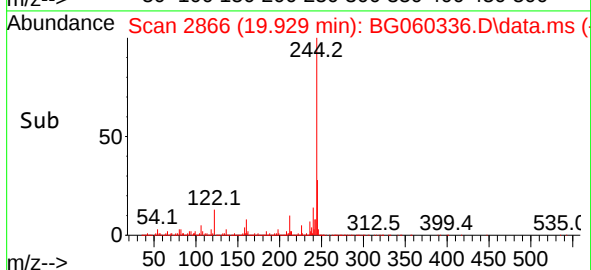
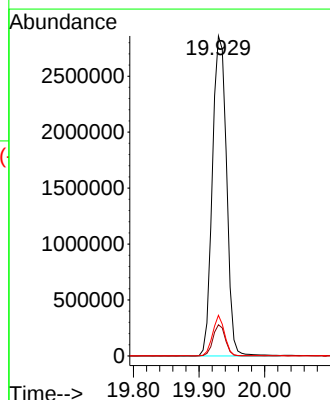
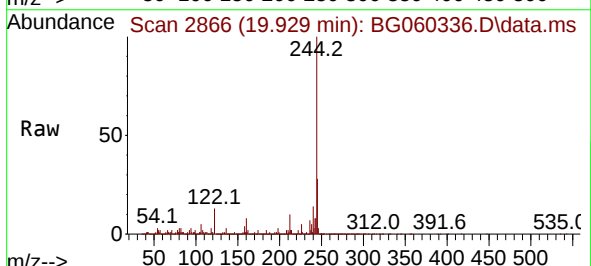
Tgt Ion:244 Resp: 4289961

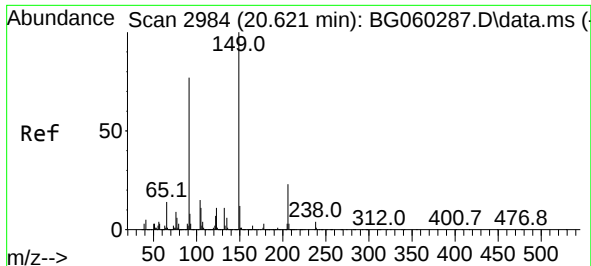
Ion Ratio Lower Upper

244 100

212 9.8 10.9 16.3#

122 12.7 12.6 18.8

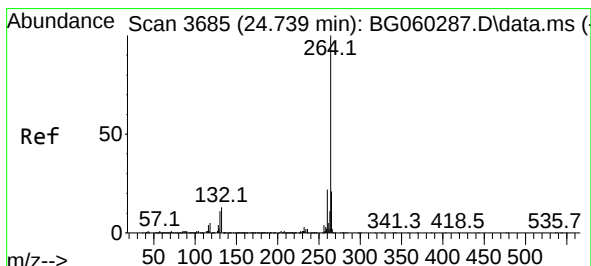
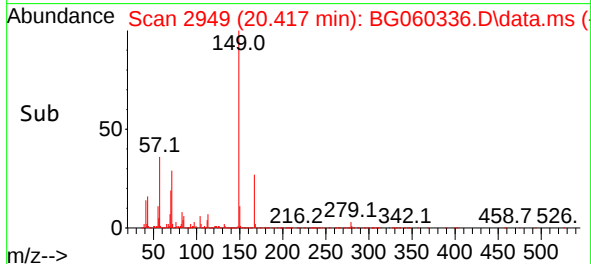
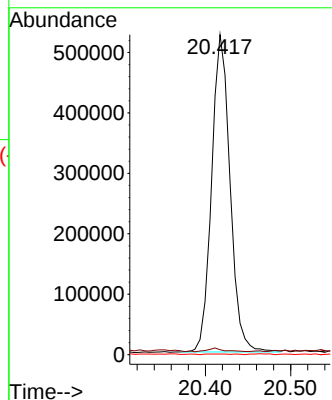
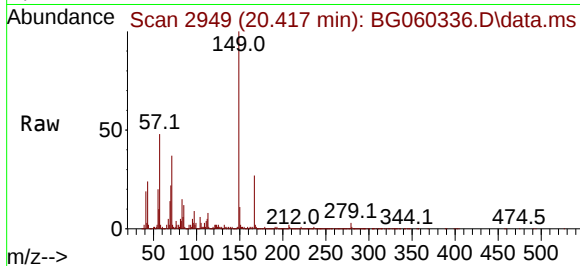




#80
Butylbenzylphthalate
Concen: 24.300 ng
RT: 20.417 min Scan# 2984
Delta R.T. -0.203 min
Lab File: BG060336.D
Acq: 16 Jan 2024 14:55

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

Tgt Ion:149 Resp: 788221
Ion Ratio Lower Upper
149 100
91 1.5 61.4 92.2#
206 0.2 18.0 27.0#



#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

