

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
 Data File : BG060324.D
 Acq On : 12 Jan 2024 20:31
 Operator : MA/JU
 Sample : P1117-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S1-COMPOSITE

Quant Time: Jan 12 23:44:51 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)

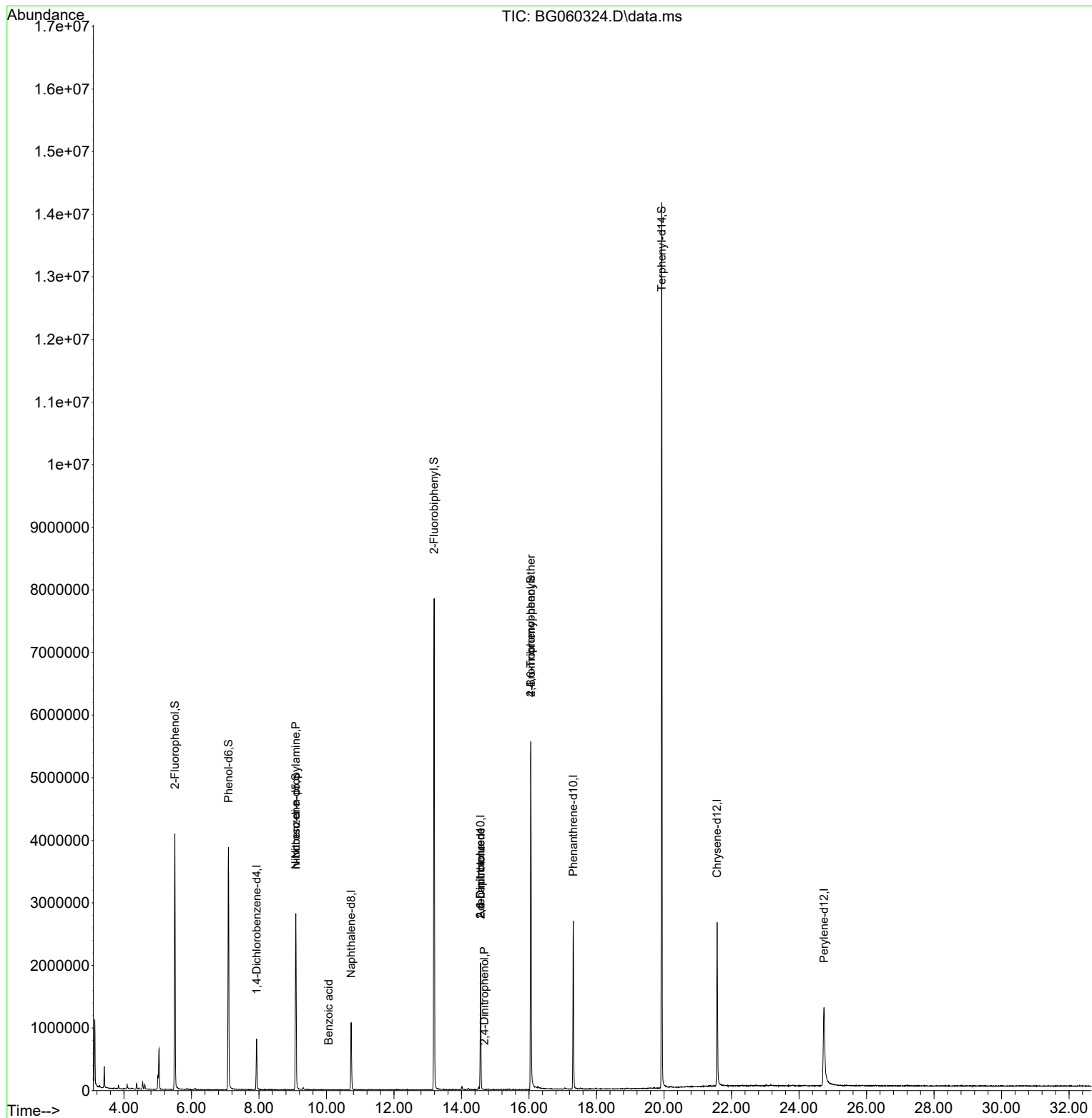
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	255719	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	979302	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	716852	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1785624	20.000	ng	0.00
76) Chrysene-d12	21.573	240	1755995	20.000	ng	0.00
86) Perylene-d12	24.739	264	1873403	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1969460	126.676	ng	0.00
7) Phenol-d6	7.095	99	2666290	115.816	ng	0.00
23) Nitrobenzene-d5	9.093	82	1953359	94.187	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	1359552	128.905	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	4282518	83.058	ng	0.00
79) Terphenyl-d14	19.933	244	6059162	88.289	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.093	70	238498	14.968	ng	# 81
32) Benzoic acid	10.063	122	56	10.206	ng	# 1
51) 2,6-Dinitrotoluene	14.563	165	94787	8.109	ng	# 34
54) 2,4-Dinitrophenol	14.681	184	54	8.593	ng	# 27
57) 2,4-Dinitrotoluene	14.563	165	94787	5.913	ng	# 26
67) 4-Bromophenyl-phenylether	16.056	248	77630	3.957	ng	# 1

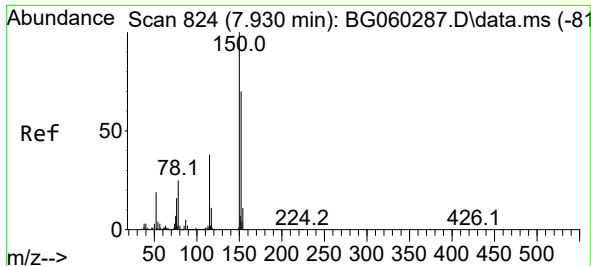
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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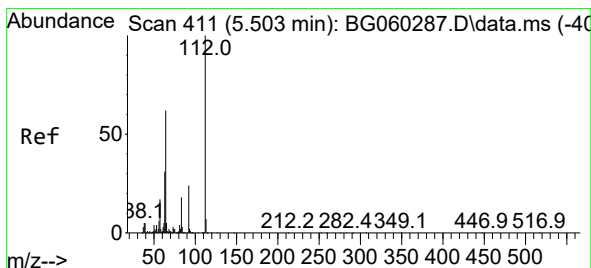
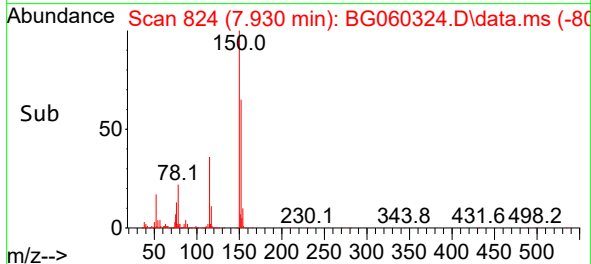
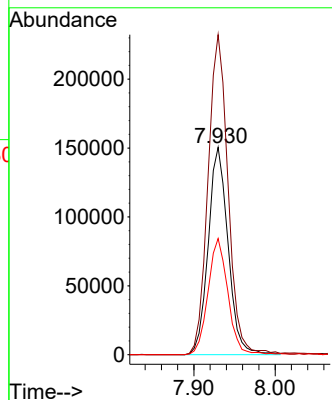
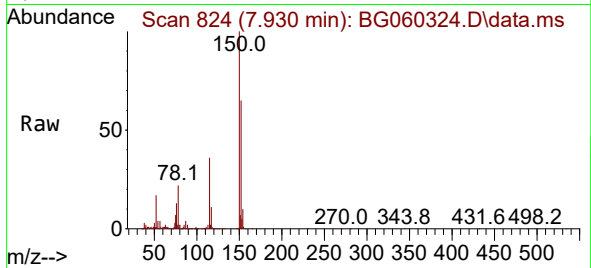




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

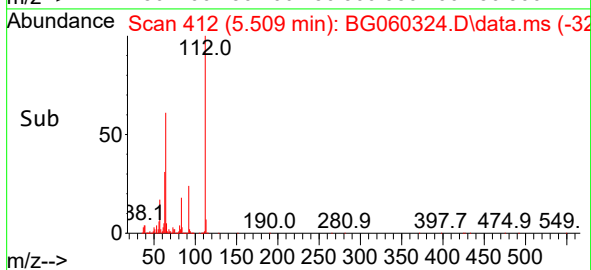
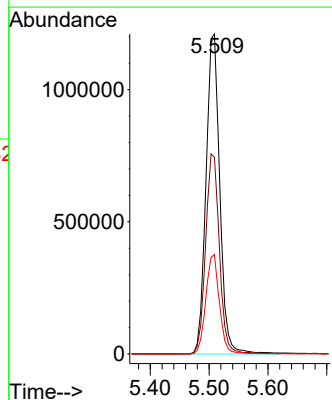
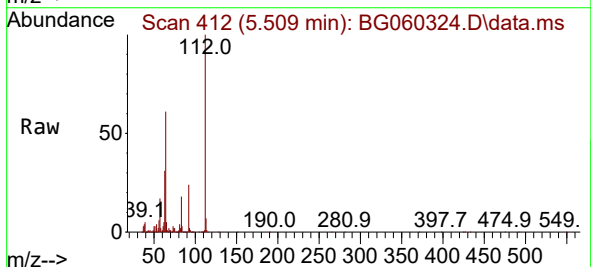
Instrument :
BNA_G
ClientSampleId :
S1-COMPOSITE

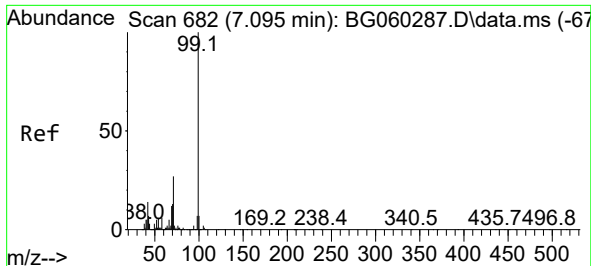
Tgt Ion:152 Resp: 255719
Ion Ratio Lower Upper
152 100
150 154.3 114.5 171.7
115 56.0 43.0 64.6



#5
2-Fluorophenol
Concen: 126.676 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.006 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

Tgt Ion:112 Resp: 1969460
Ion Ratio Lower Upper
112 100
64 61.5 49.8 74.6
63 31.0 24.4 36.6

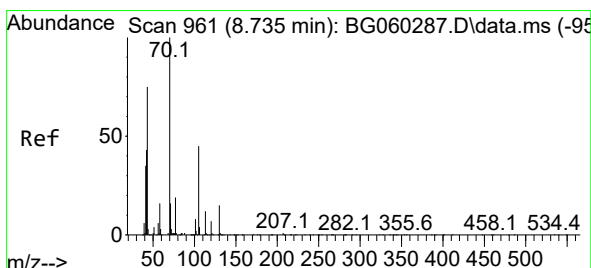
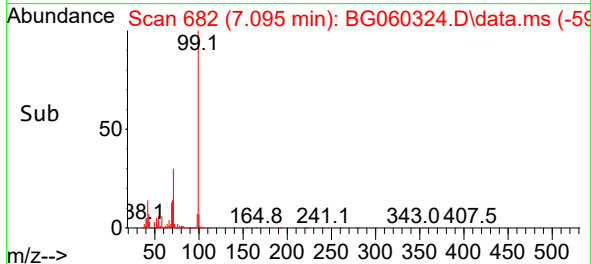
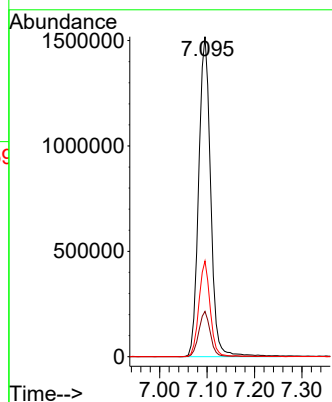
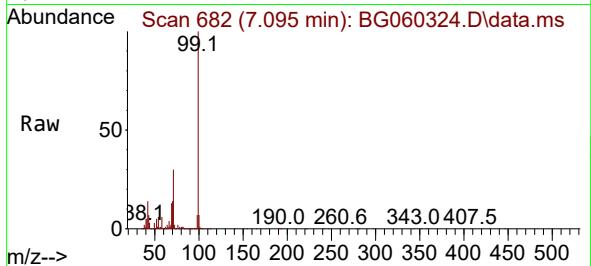




#7
Phenol-d6
Concen: 115.816 ng
RT: 7.095 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

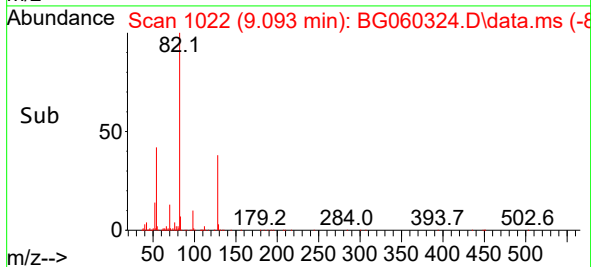
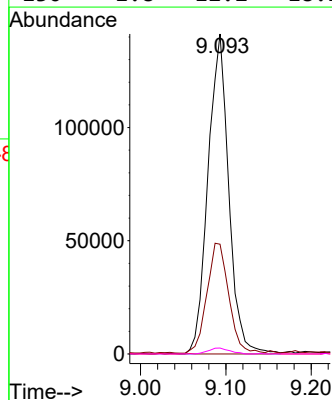
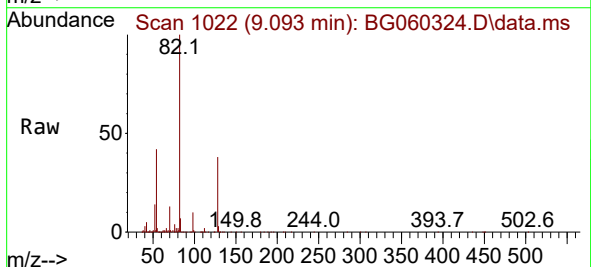
Instrument :
BNA_G
ClientSampleId :
S1-COMPOSITE

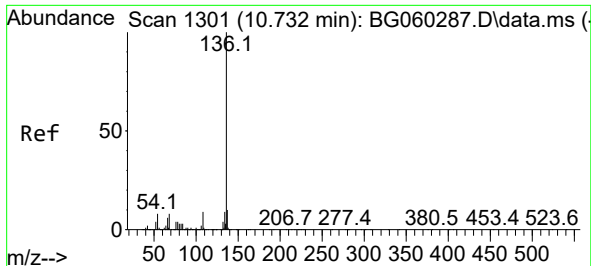
Tgt Ion: 99 Resp: 2666290
Ion Ratio Lower Upper
99 100
42 14.1 10.9 16.3
71 29.9 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.968 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.359 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

Tgt Ion: 70 Resp: 238498
Ion Ratio Lower Upper
70 100
42 34.3 34.3 51.5
101 0.0 6.2 9.2#
130 1.8 12.2 18.2#

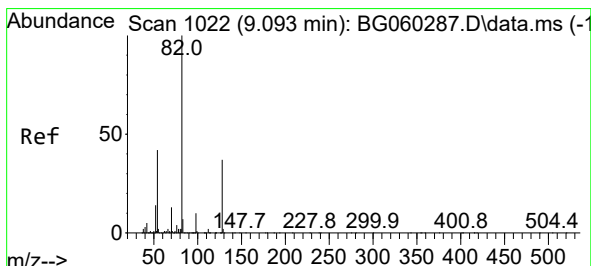
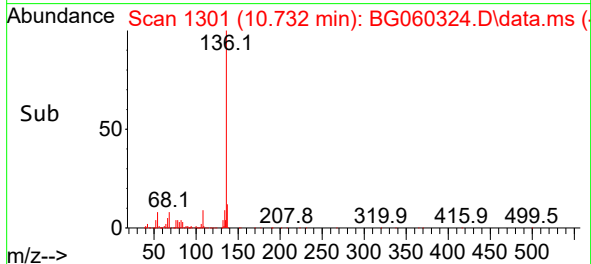
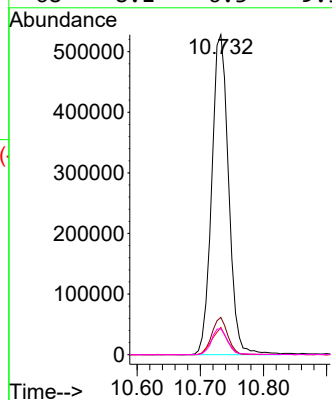
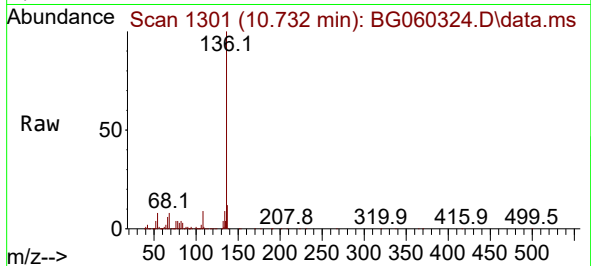




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

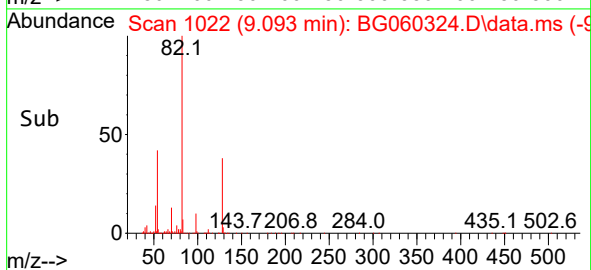
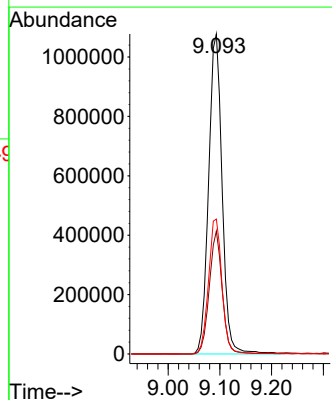
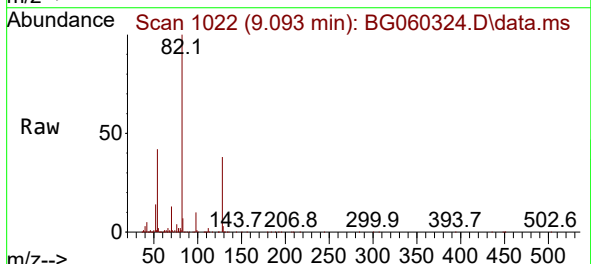
Instrument :
BNA_G
ClientSampleId :
S1-COMPOSITE

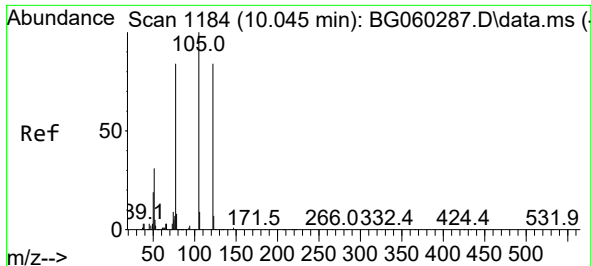
Tgt Ion:	136	Resp:	979302
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.2	12.4
54	8.5	6.2	9.2
68	8.1	6.3	9.5



#23
Nitrobenzene-d5
Concen: 94.187 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

Tgt Ion:	82	Resp:	1953359
Ion Ratio	Lower	Upper	
82	100		
128	38.4	29.6	44.4
54	42.2	33.6	50.4

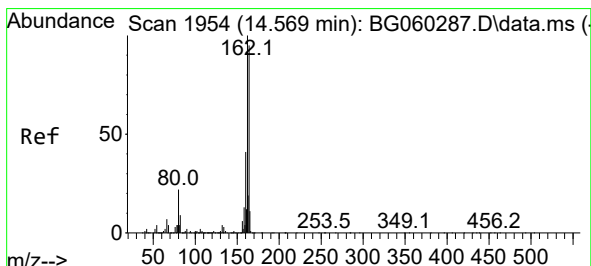
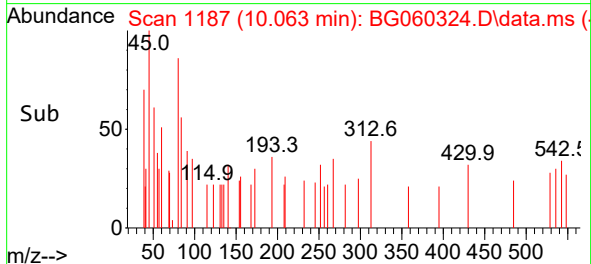
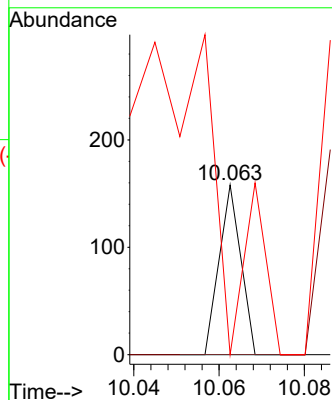
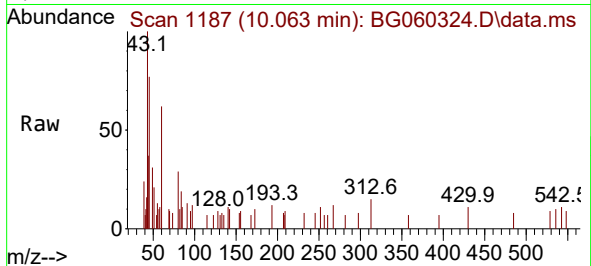




#32
Benzoic acid
Concen: 10.206 ng
RT: 10.063 min Scan# 1184
Delta R.T. 0.018 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

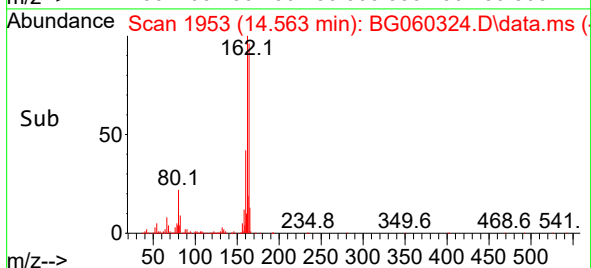
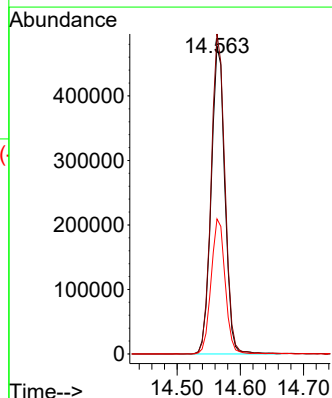
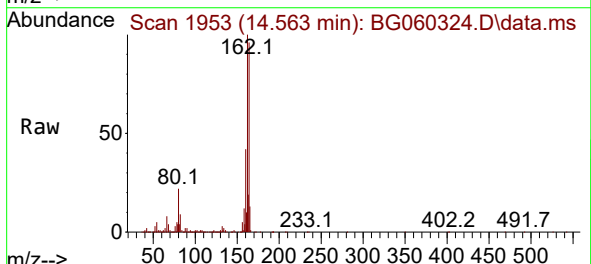
Instrument :
BNA_G
ClientSampleId :
S1-COMPOSITE

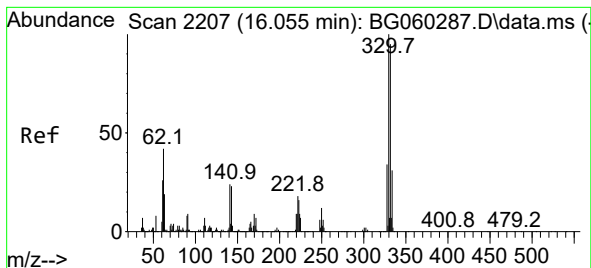
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

Tgt Ion:164 Resp: 716852
Ion Ratio Lower Upper
164 100
162 104.0 84.4 126.6
160 43.9 34.6 52.0

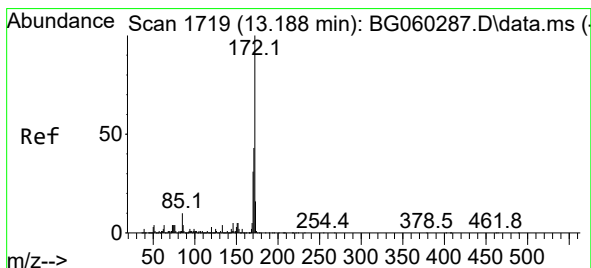
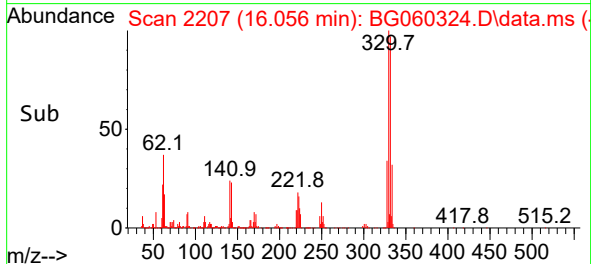
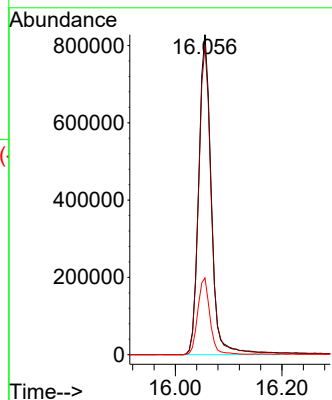
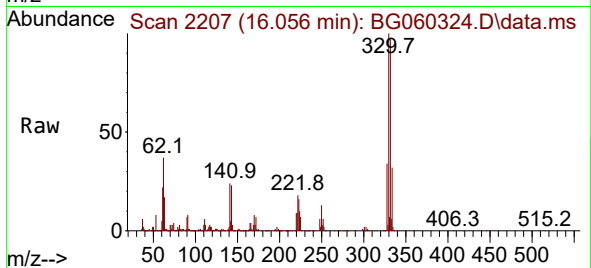




#42
2,4,6-Tribromophenol
Concen: 128.905 ng
RT: 16.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

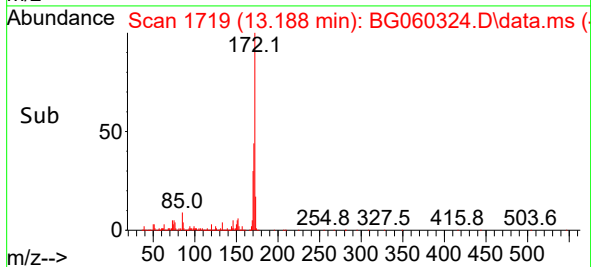
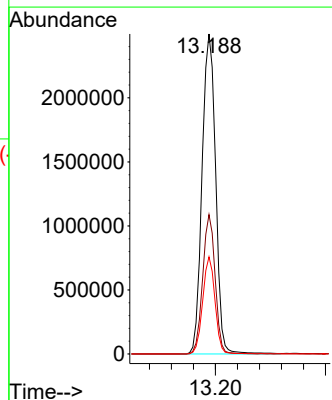
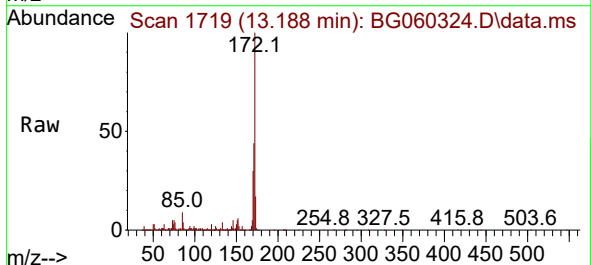
Instrument :
BNA_G
ClientSampleId :
S1-COMPOSITE

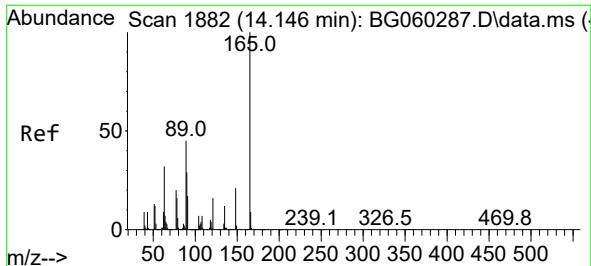
Tgt Ion:330 Resp: 1359552
Ion Ratio Lower Upper
330 100
332 97.8 76.7 115.1
141 23.1 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 83.058 ng
RT: 13.188 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

Tgt Ion:172 Resp: 4282518
Ion Ratio Lower Upper
172 100
171 43.6 34.6 51.8
170 30.3 24.4 36.6

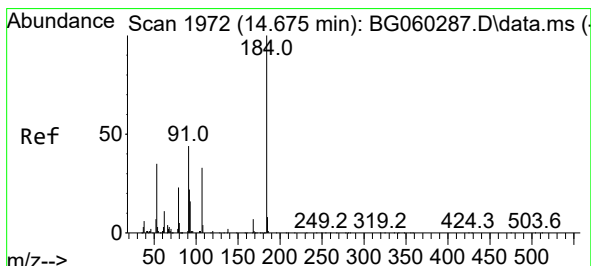
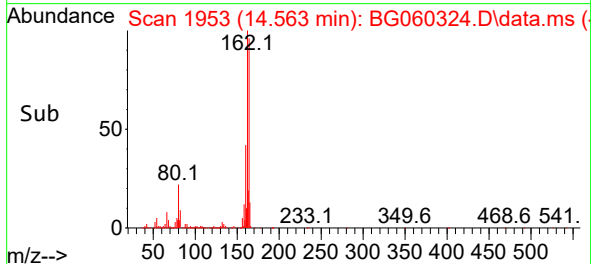
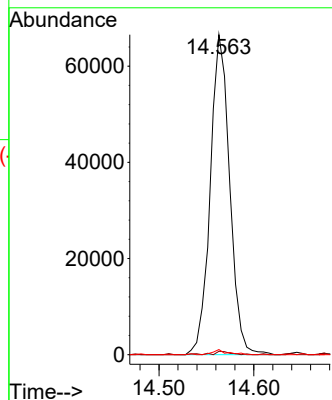
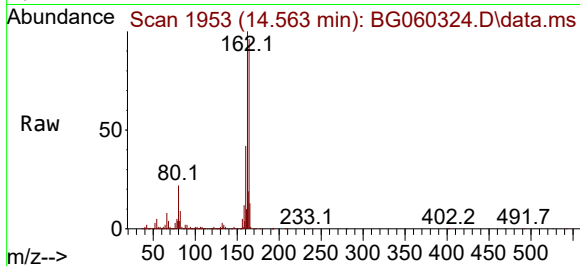




#51
2,6-Dinitrotoluene
Concen: 8.109 ng
RT: 14.563 min Scan# 1953
Delta R.T. 0.417 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

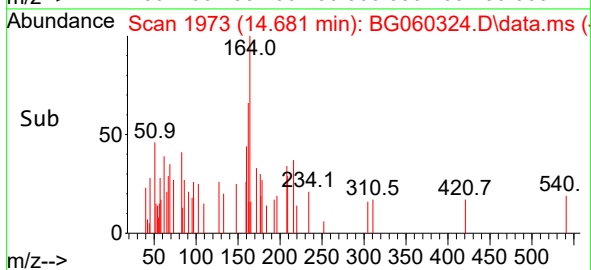
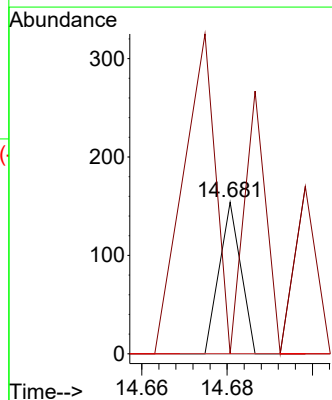
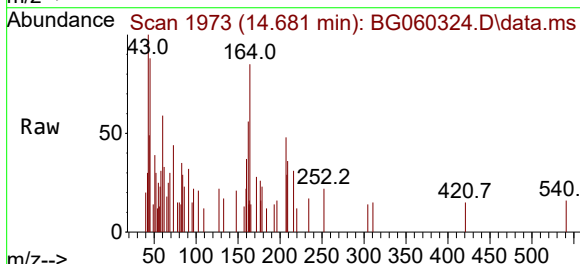
Instrument :
BNA_G
ClientSampleId :
S1-COMPOSITE

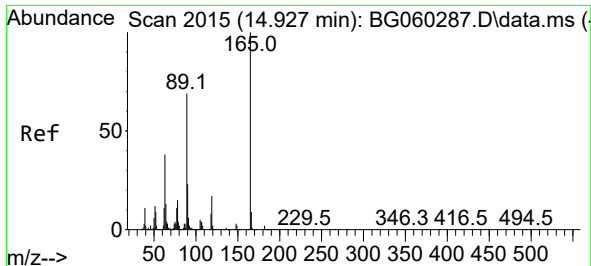
Tgt Ion:165 Resp: 94787
Ion Ratio Lower Upper
165 100
63 1.1 35.0 52.4#
89 1.6 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.593 ng
RT: 14.681 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

Tgt Ion:184 Resp: 54
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: 5.913 ng

RT: 14.563 min Scan# 1953

Delta R.T. -0.364 min

Lab File: BG060324.D

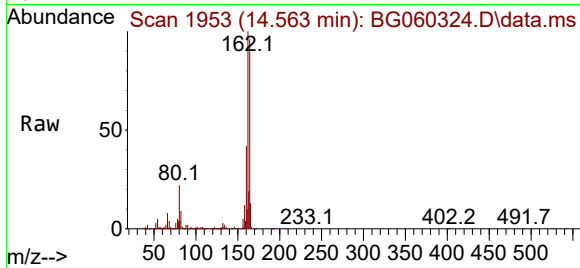
Acq: 12 Jan 2024 20:31

Instrument :

BNA_G

ClientSampleId :

S1-COMPOSITE



Tgt Ion:165 Resp: 94787

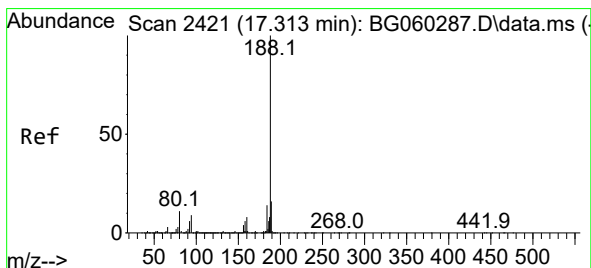
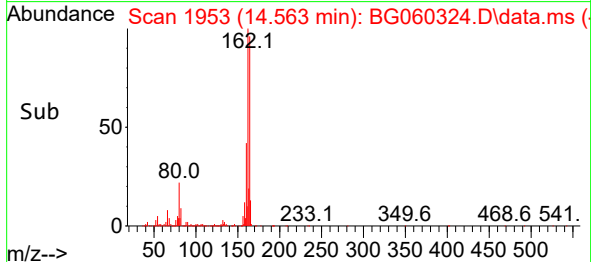
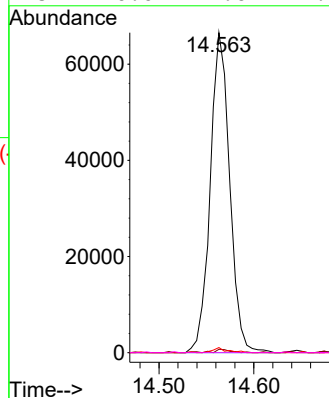
Ion Ratio Lower Upper

165 100

63 1.1 30.4 45.6#

89 1.6 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: BG060324.D

Acq: 12 Jan 2024 20:31

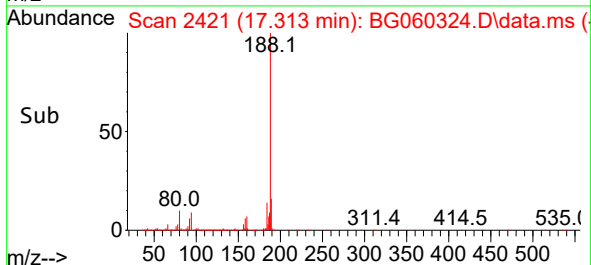
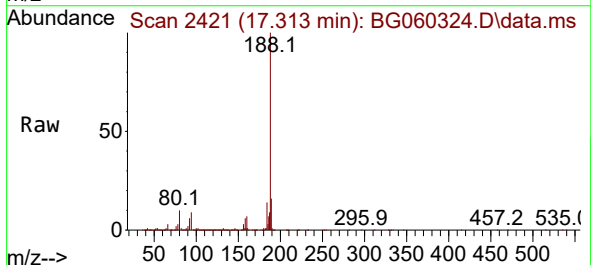
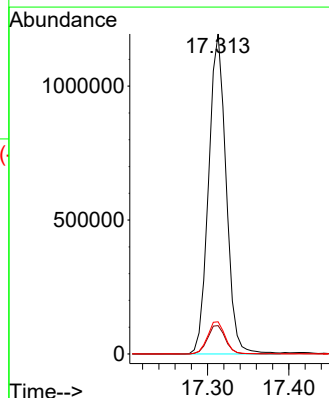
Tgt Ion:188 Resp: 1785624

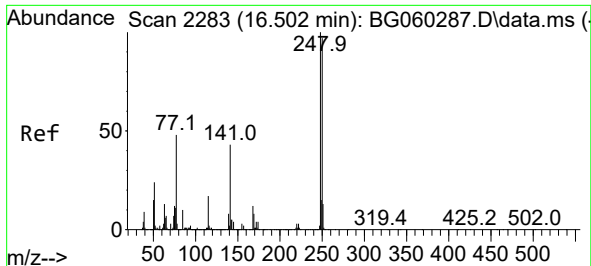
Ion Ratio Lower Upper

188 100

94 8.9 7.1 10.7

80 10.1 8.5 12.7

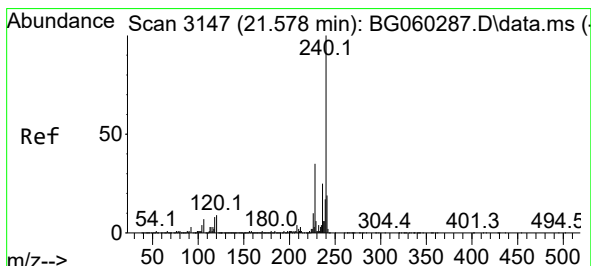
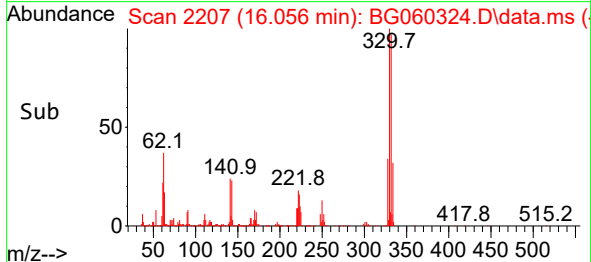
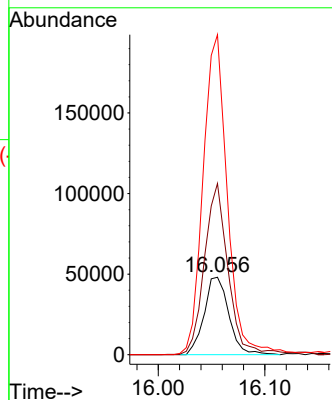
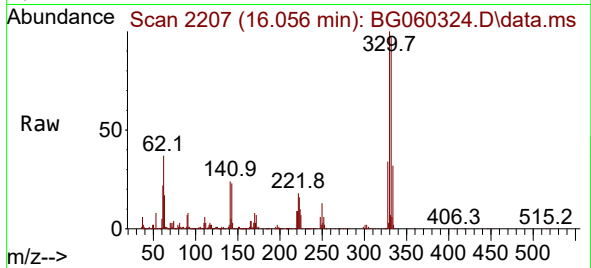




#67
4-Bromophenyl-phenylether
Concen: 3.957 ng
RT: 16.056 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

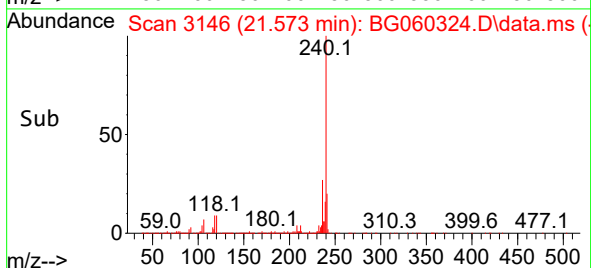
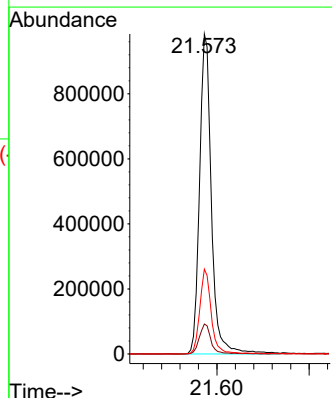
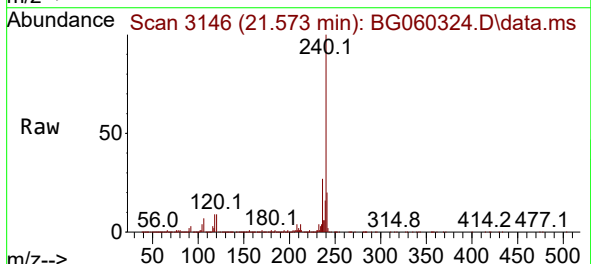
Instrument :
BNA_G
ClientSampleId :
S1-COMPOSITE

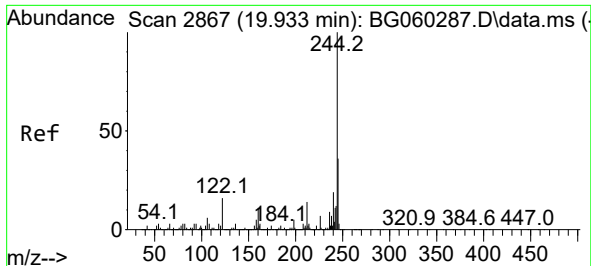
Tgt Ion:248 Resp: 77630
Ion Ratio Lower Upper
248 100
250 220.9 77.6 116.4#
141 412.8 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.573 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

Tgt Ion:240 Resp: 1755995
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 26.5 20.3 30.5

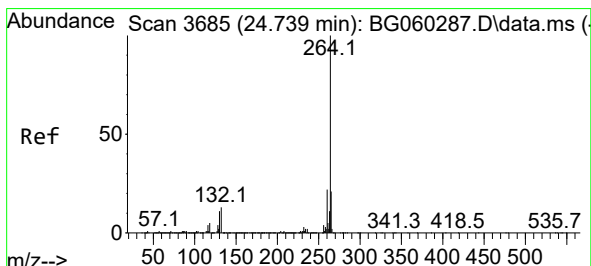
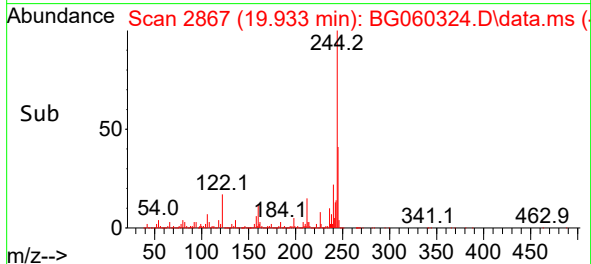
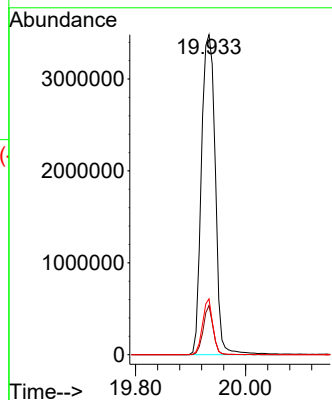
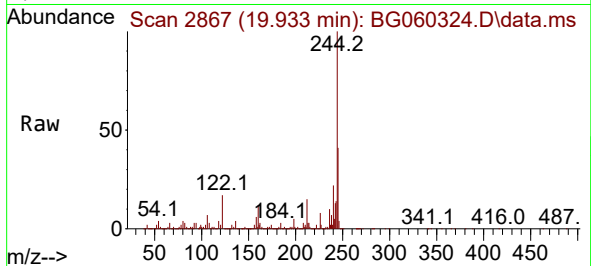




#79
 Terphenyl-d14
 Concen: 88.289 ng
 RT: 19.933 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG060324.D
 Acq: 12 Jan 2024 20:31

Instrument :
 BNA_G
 ClientSampleId :
 S1-COMPOSITE

Tgt Ion:244 Resp: 6059162
 Ion Ratio Lower Upper
 244 100
 212 15.4 10.9 16.3
 122 17.4 12.6 18.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.739 min Scan# 3685
 Delta R.T. 0.000 min
 Lab File: BG060324.D
 Acq: 12 Jan 2024 20:31

Tgt Ion:264 Resp: 1873403
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.8 26.6
 265 20.7 16.8 25.2

