

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012524\
 Data File : BG060425.D
 Acq On : 25 Jan 2024 13:00
 Operator : MA/JU
 Sample : PB158620BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 25 13:34:13 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)

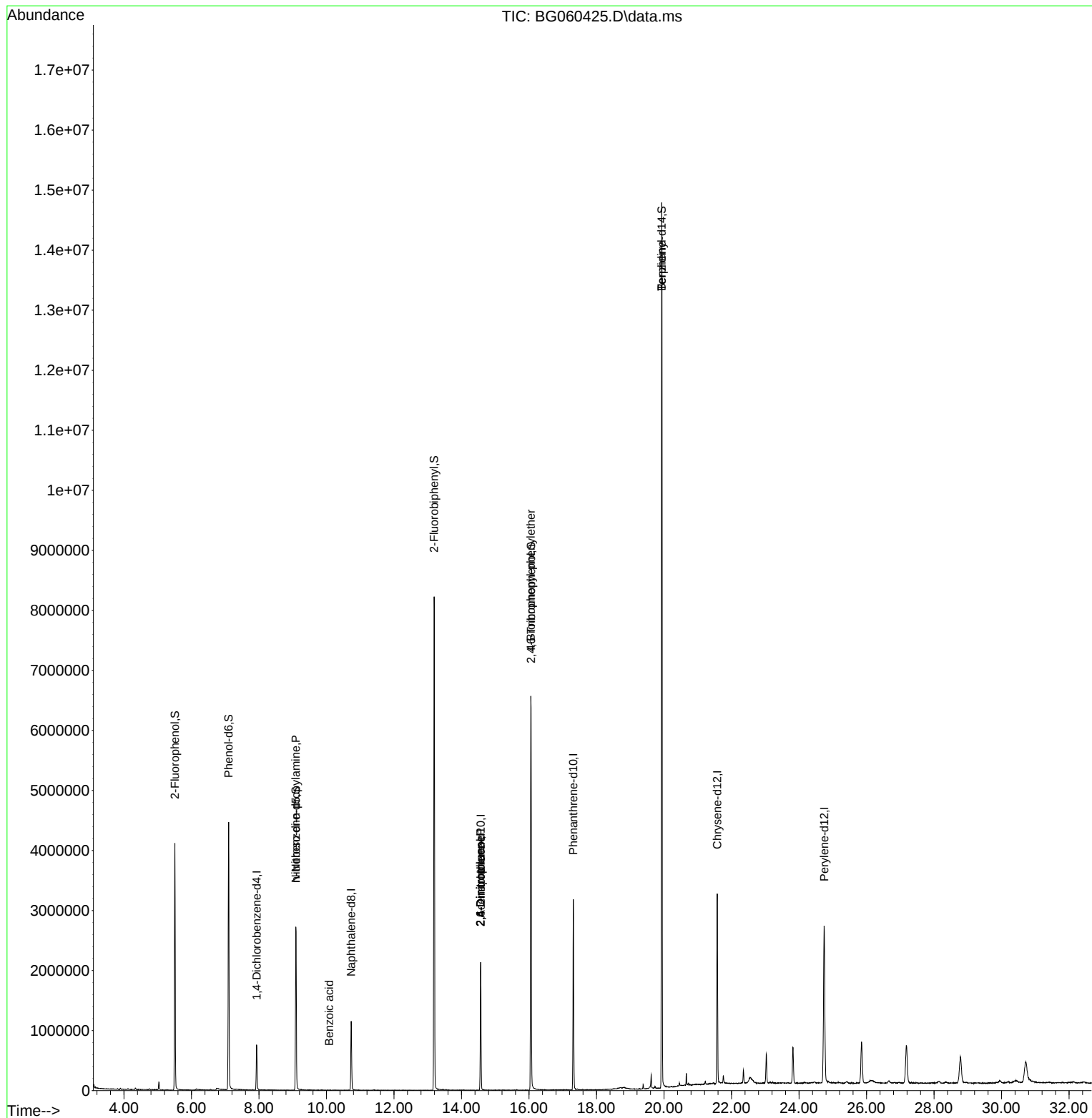
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	241180	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	1022192	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	787969	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	2124588	20.000	ng	0.00
76) Chrysene-d12	21.578	240	2003387	20.000	ng	0.00
86) Perylene-d12	24.745	264	2143385	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1967343	134.168	ng	0.00
7) Phenol-d6	7.101	99	2981904	137.333	ng	0.00
23) Nitrobenzene-d5	9.093	82	1894947	87.537	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	1589886	137.138	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	4571064	80.653	ng	0.00
79) Terphenyl-d14	19.933	244	6414365	78.450	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.093	70	234954	15.635	ng	# 84
32) Benzoic acid	10.080	122	58	10.205	ng	# 41
51) 2,6-Dinitrotoluene	14.563	165	105360	8.200	ng	# 33
54) 2,4-Dinitrophenol	14.563	184	74	8.595	ng	# 1
57) 2,4-Dinitrotoluene	14.563	165	105360	5.980	ng	# 25
67) 4-Bromophenyl-phenylether	16.055	248	106189	4.549	ng	# 1
77) Benzidine	19.933	184	136075	3.126	ng	# 92

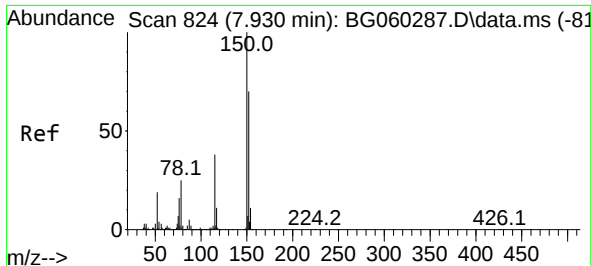
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012524\
Data File : BG060425.D
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

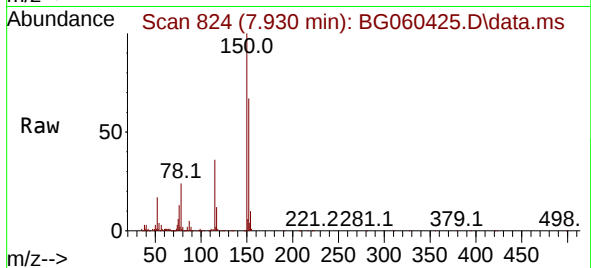
Quant Time: Jan 25 13:34:13 2024
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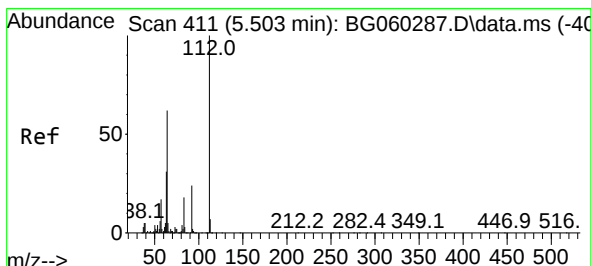
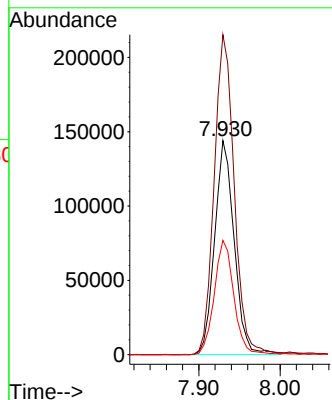
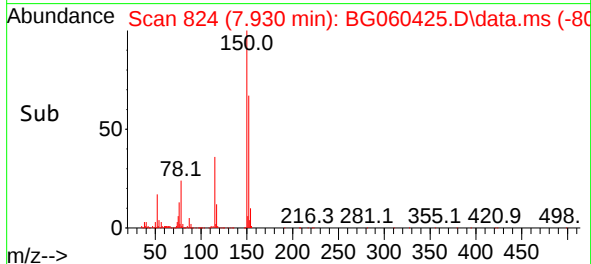


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

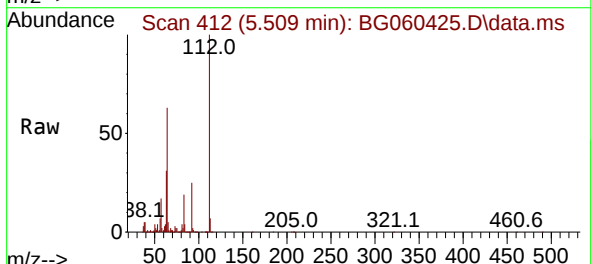
Instrument :
BNA_G
ClientSampleId :



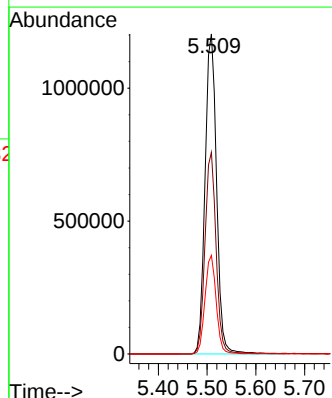
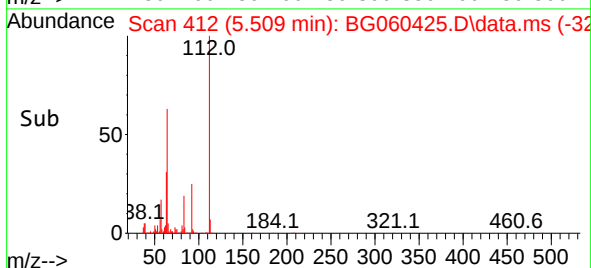
Tgt Ion:152 Resp: 241180
Ion Ratio Lower Upper
152 100
150 149.5 114.5 171.7
115 53.4 43.0 64.6



#5
2-Fluorophenol
Concen: 134.168 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.006 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00



Tgt Ion:112 Resp: 1967343
Ion Ratio Lower Upper
112 100
64 63.0 49.8 74.6
63 30.8 24.4 36.6

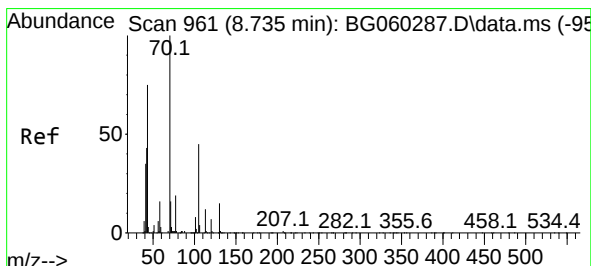
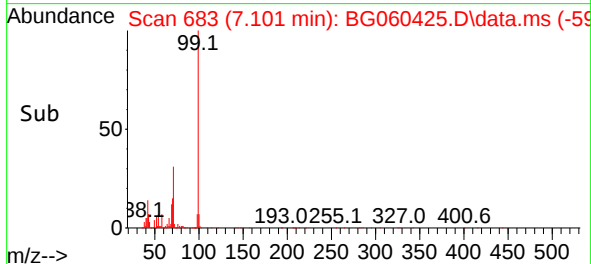
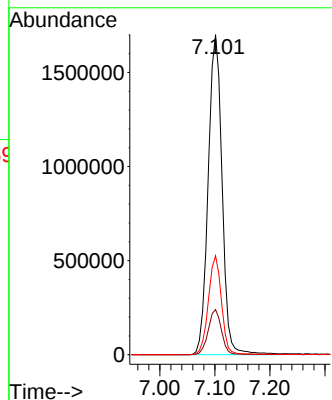
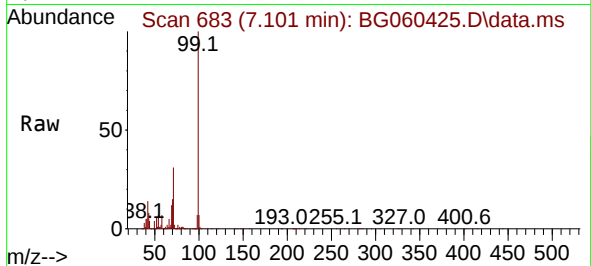




#7
Phenol-d6
Concen: 137.333 ng
RT: 7.101 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

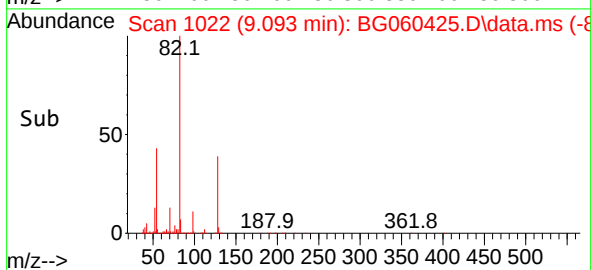
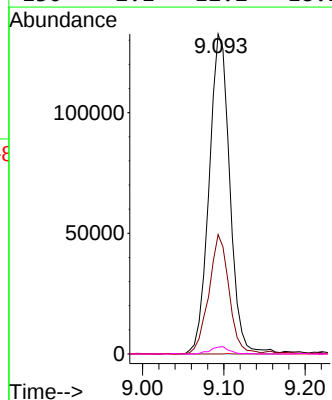
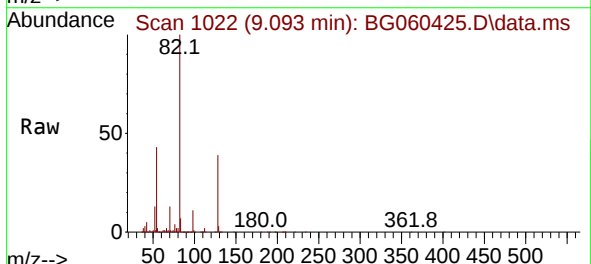
Instrument :
BNA_G
ClientSampleId :

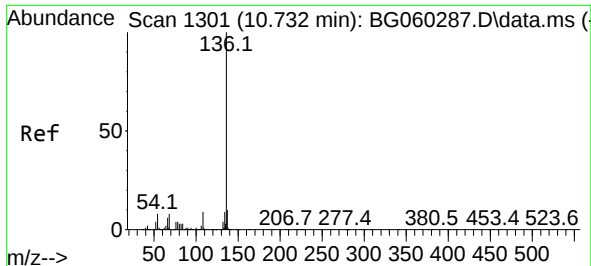
Tgt Ion: 99 Resp: 2981904
Ion Ratio Lower Upper
99 100
42 14.1 10.9 16.3
71 30.9 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.635 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.358 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

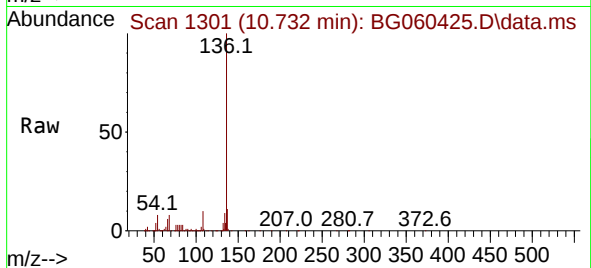
Tgt Ion: 70 Resp: 234954
Ion Ratio Lower Upper
70 100
42 37.3 34.3 51.5
101 0.0 6.2 9.2#
130 2.1 12.2 18.2#





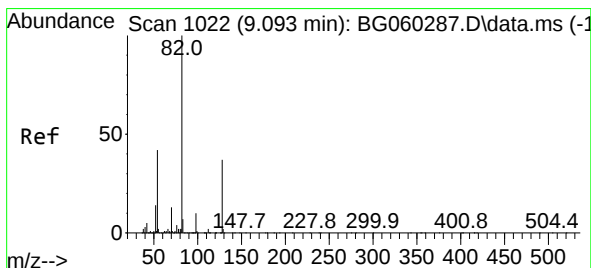
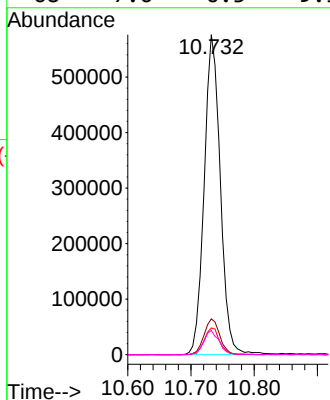
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 136 Resp: 1022192

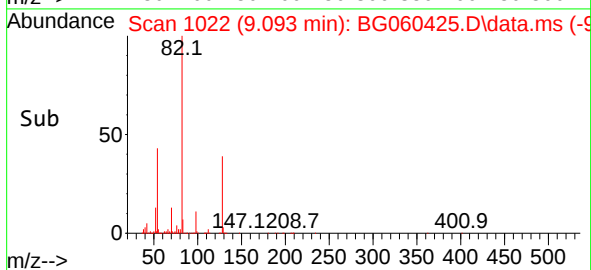
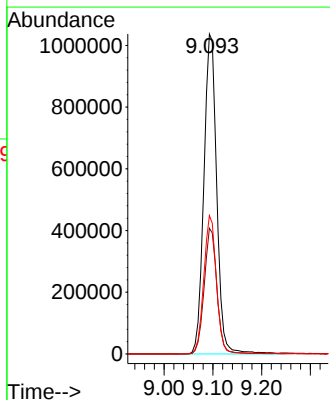
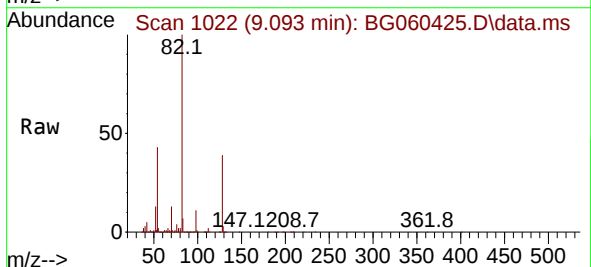
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	8.3	6.2	9.2
68	7.6	6.3	9.5

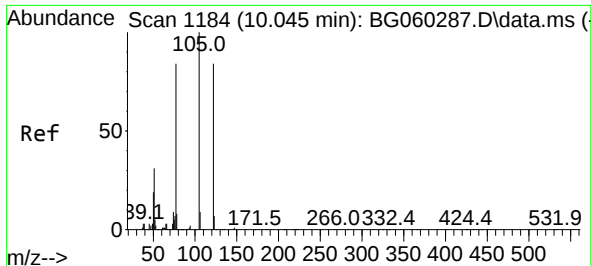


#23
Nitrobenzene-d5
Concen: 87.537 ng
RT: 9.093 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

Tgt Ion: 82 Resp: 1894947

Ion	Ratio	Lower	Upper
82	100		
128	39.3	29.6	44.4
54	43.2	33.6	50.4

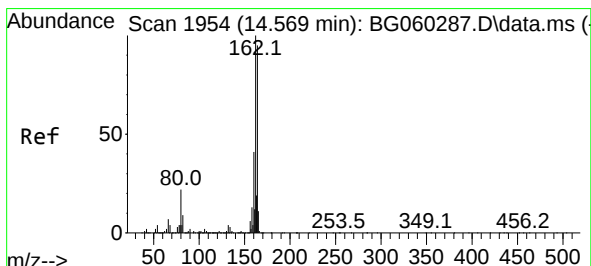
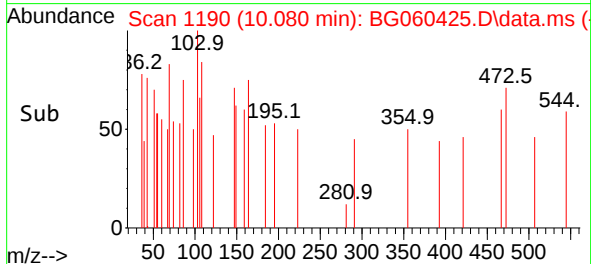
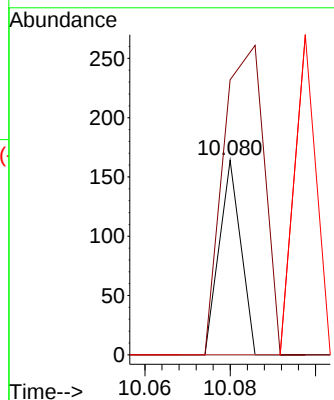
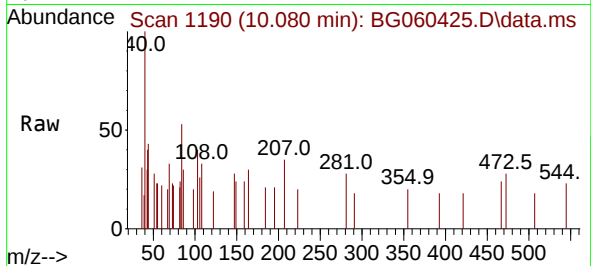




#32
Benzoic acid
Concen: 10.205 ng
RT: 10.080 min Scan# 1184
Delta R.T. 0.035 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

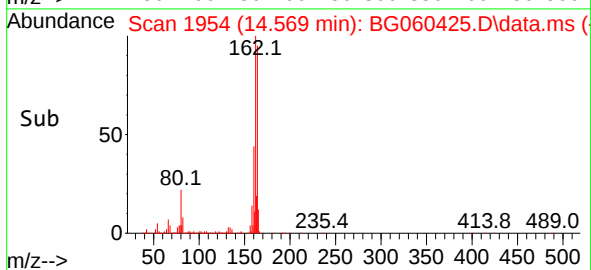
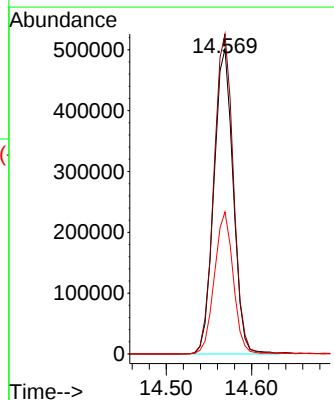
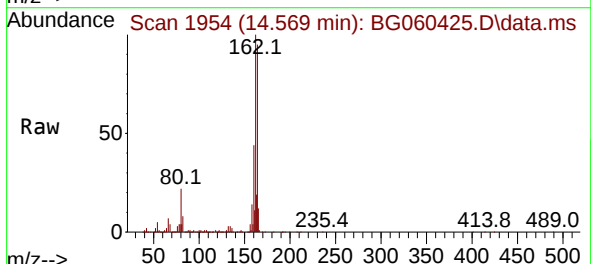
Instrument :
BNA_G
ClientSampleId :

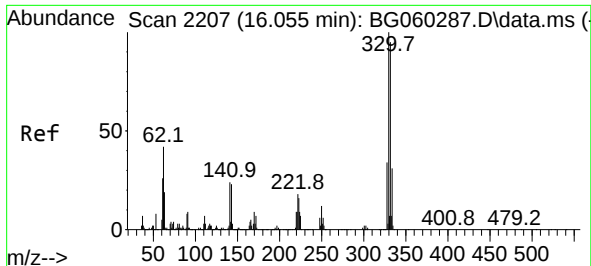
Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 141.5 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

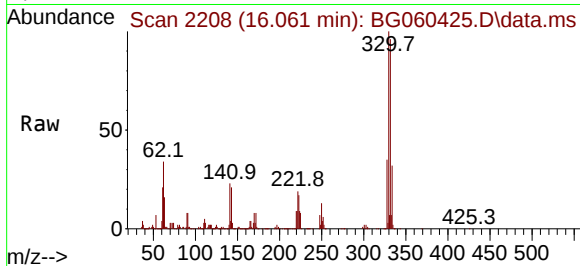
Tgt Ion:164 Resp: 787969
Ion Ratio Lower Upper
164 100
162 104.8 84.4 126.6
160 46.5 34.6 52.0



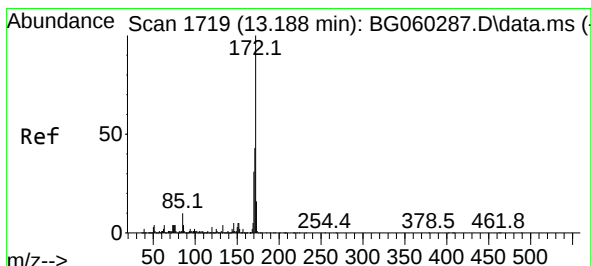
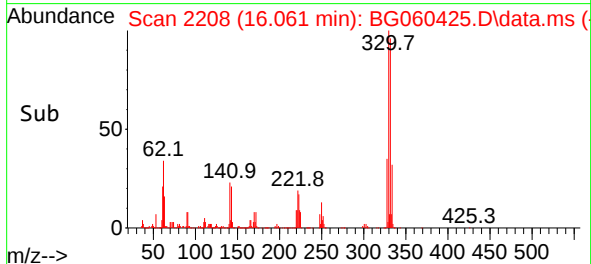
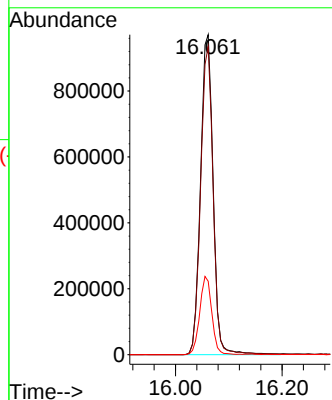


#42
2,4,6-Tribromophenol
Concen: 137.138 ng
RT: 16.061 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

Instrument :
BNA_G
ClientSampleId :

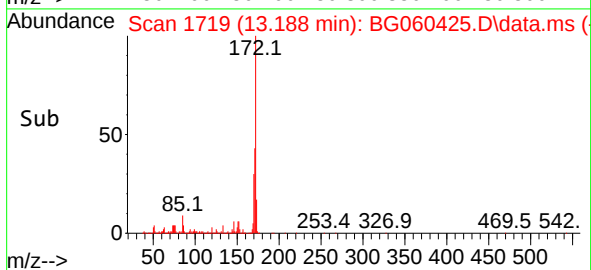
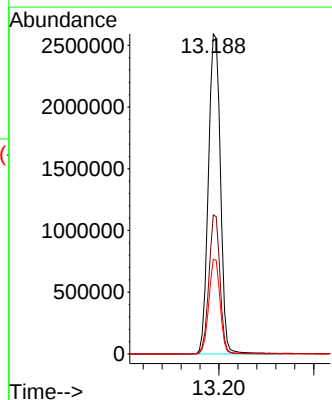
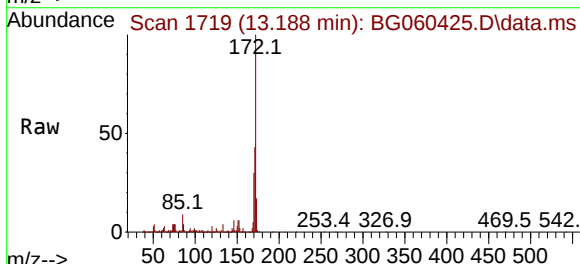


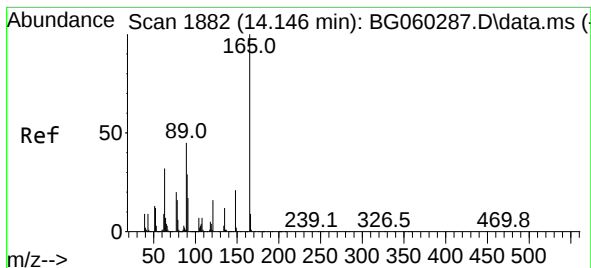
Tgt Ion:330 Resp: 1589886
Ion Ratio Lower Upper
330 100
332 95.4 76.7 115.1
141 23.5 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 80.653 ng
RT: 13.188 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

Tgt Ion:172 Resp: 4571064
Ion Ratio Lower Upper
172 100
171 43.4 34.6 51.8
170 29.6 24.4 36.6

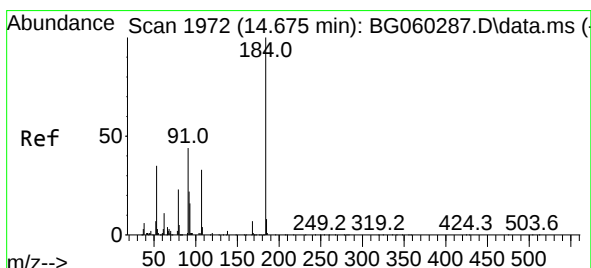
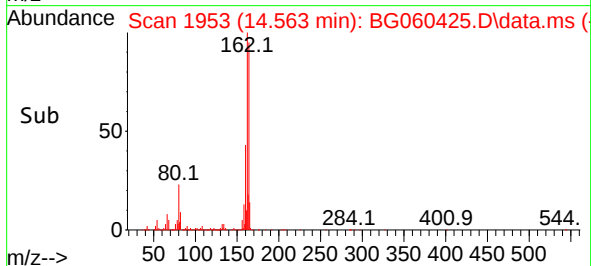
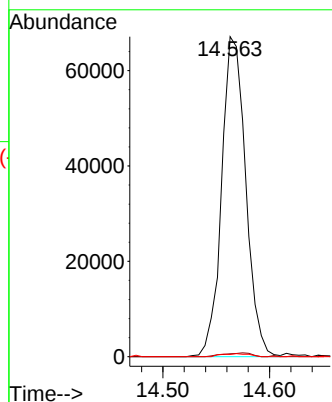
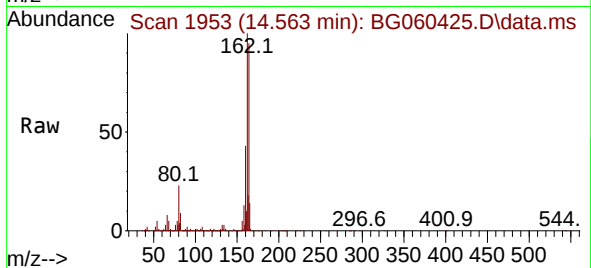




#51
2,6-Dinitrotoluene
Concen: 8.200 ng
RT: 14.563 min Scan# 1953
Delta R.T. 0.417 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

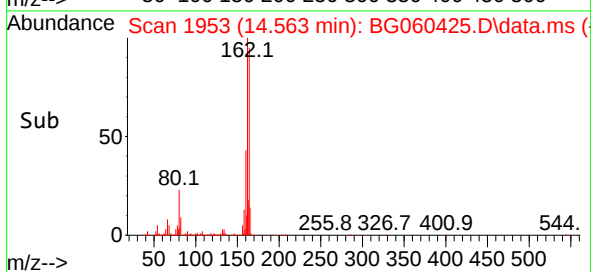
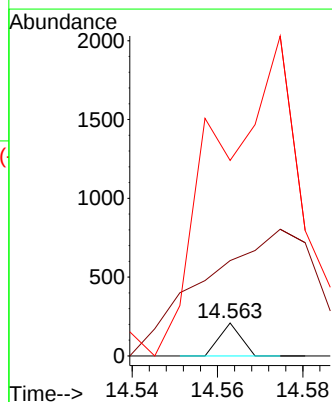
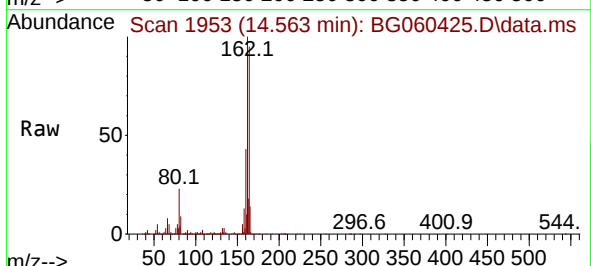
Instrument :
BNA_G
ClientSampleId :

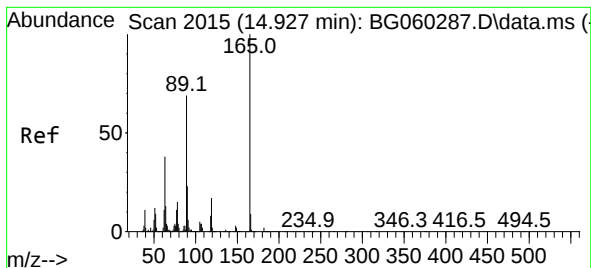
Tgt Ion:165 Resp: 105360
Ion Ratio Lower Upper
165 100
63 0.9 35.0 52.4#
89 0.7 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.595 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.112 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

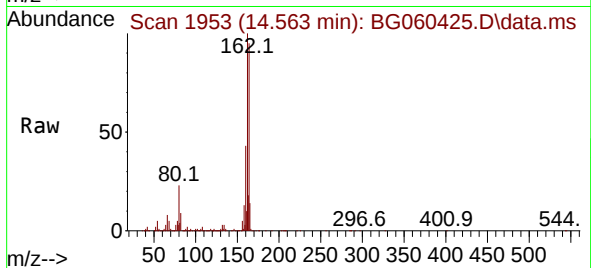
Tgt Ion:184 Resp: 74
Ion Ratio Lower Upper
184 100
63 289.5 41.0 61.4#
154 593.3 39.2 58.8#



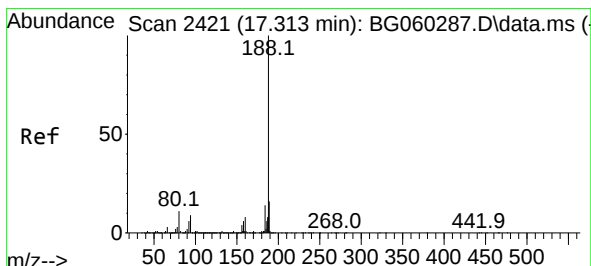
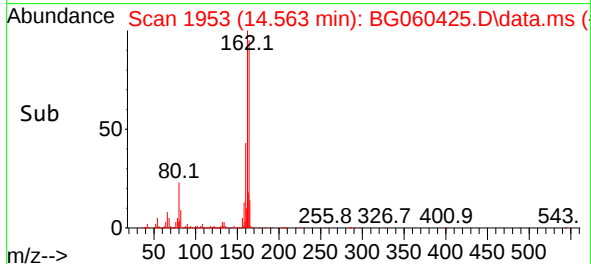
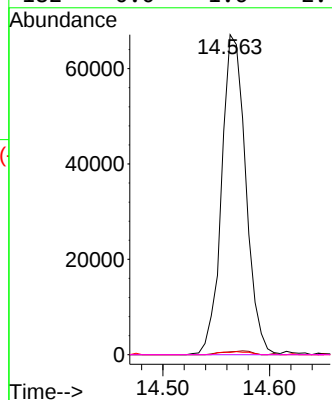


#57
2,4-Dinitrotoluene
Concen: 5.980 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.364 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

Instrument :
BNA_G
ClientSampleId :

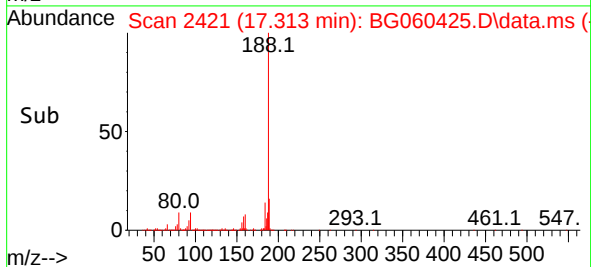
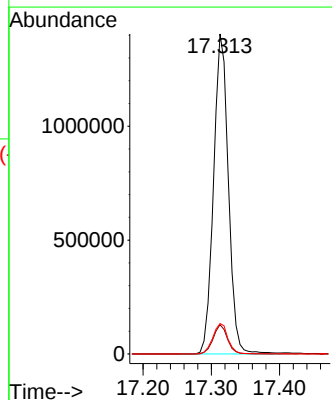
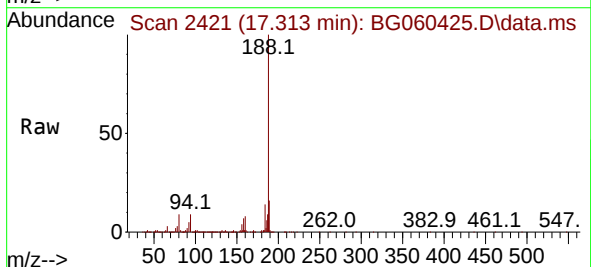


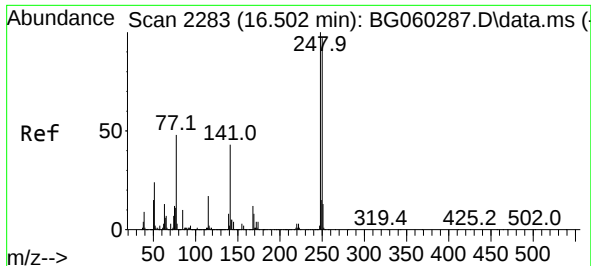
Tgt Ion:165 Resp: 105360
Ion Ratio Lower Upper
165 100
63 0.9 30.4 45.6#
89 0.7 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

Tgt Ion:188 Resp: 2124588
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 9.5 8.5 12.7

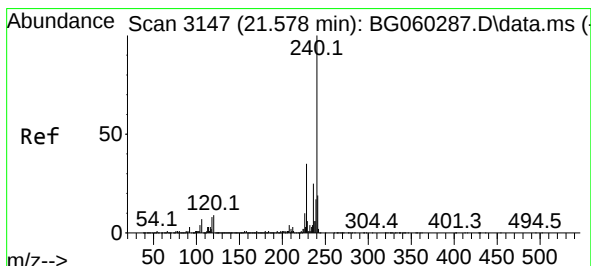
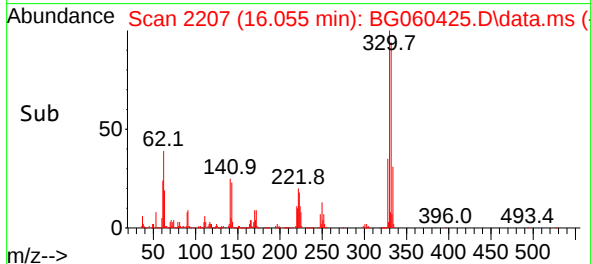
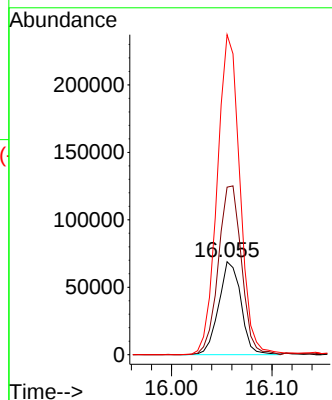
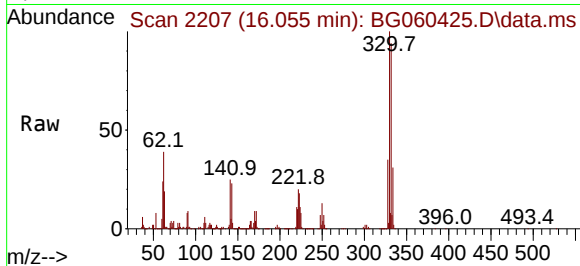




#67
4-Bromophenyl-phenylether
Concen: 4.549 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

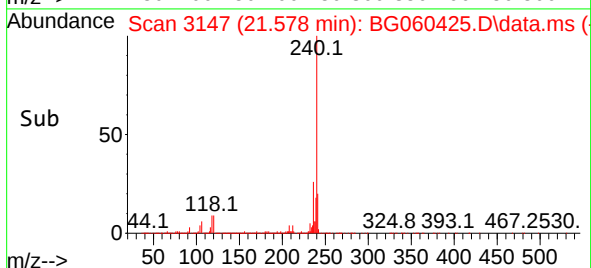
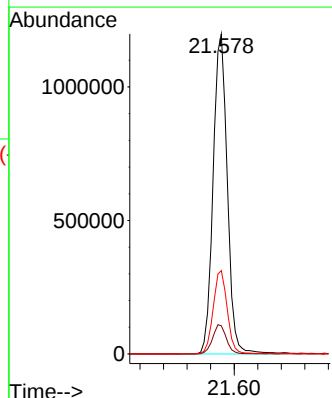
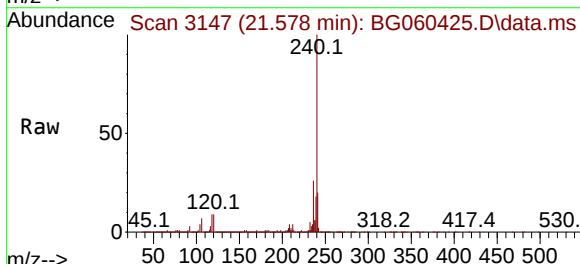
Instrument :
BNA_G
ClientSampleId :

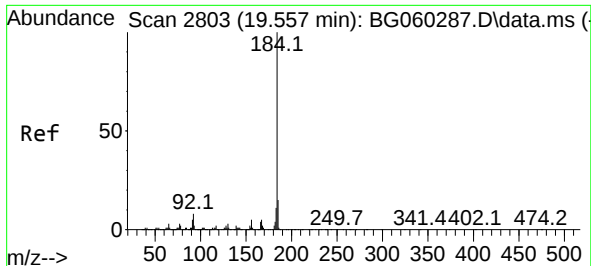
Tgt Ion:248 Resp: 106189
Ion Ratio Lower Upper
248 100
250 180.2 77.6 116.4#
141 344.2 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

Tgt Ion:240 Resp: 2003387
Ion Ratio Lower Upper
240 100
120 8.8 7.3 10.9
236 26.0 20.3 30.5

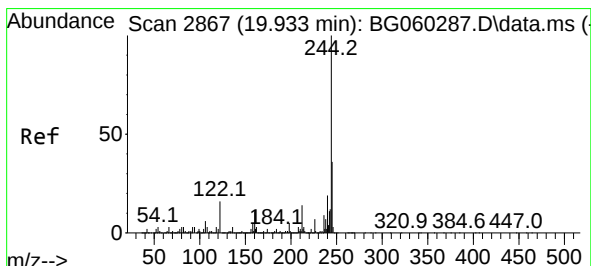
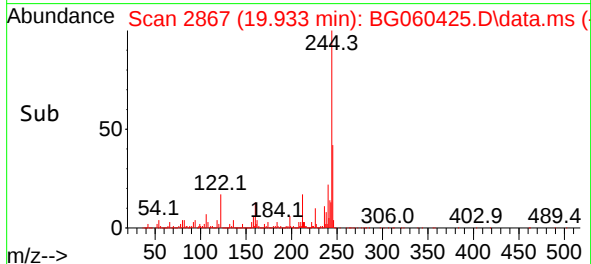
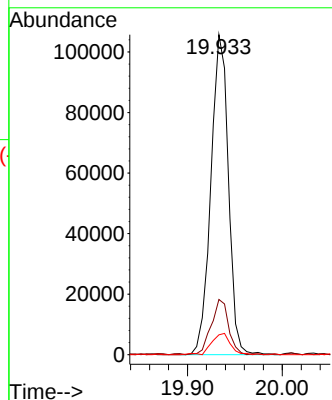
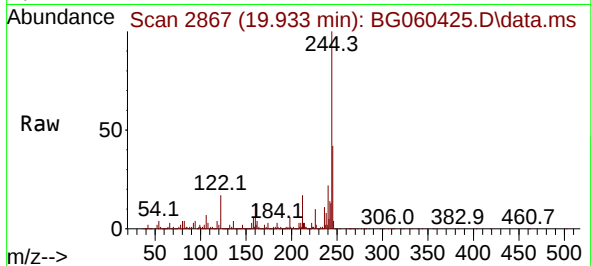




#77
Benzidine
Concen: 3.126 ng
RT: 19.933 min Scan# 2803
Delta R.T. 0.376 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

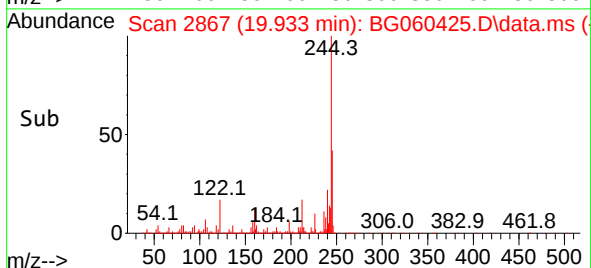
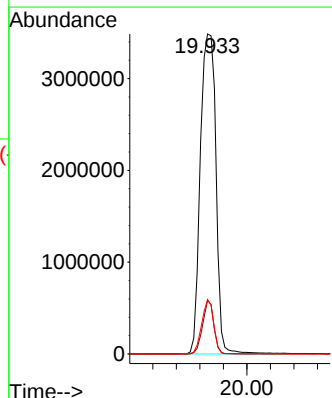
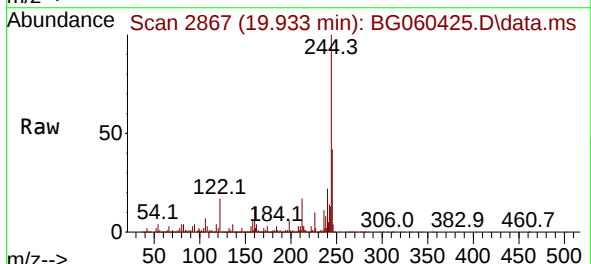
Instrument :
BNA_G
ClientSampleId :

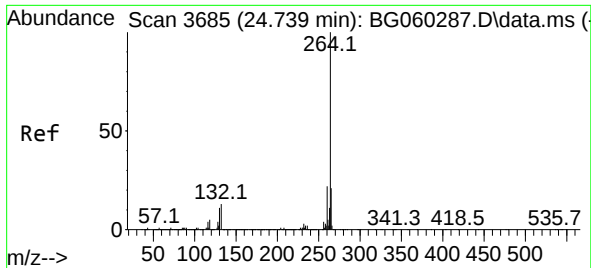
Tgt Ion:184 Resp: 136075
Ion Ratio Lower Upper
184 100
185 17.2 12.2 18.4
183 6.2 9.0 13.4#



#79
Terphenyl-d14
Concen: 78.450 ng
RT: 19.933 min Scan# 2867
Delta R.T. 0.000 min
Lab File: BG060425.D
Acq: 25 Jan 2024 13:00

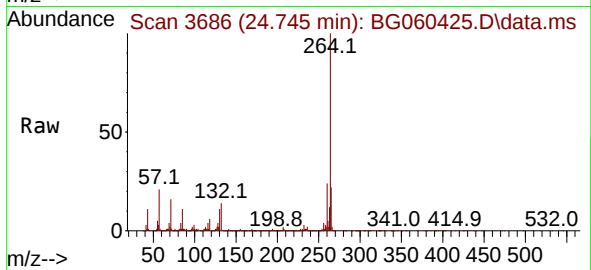
Tgt Ion:244 Resp: 6414365
Ion Ratio Lower Upper
244 100
212 16.7 10.9 16.3#
122 17.0 12.6 18.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.745 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BG060425.D
 Acq: 25 Jan 2024 13:00

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 2143385

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.8	26.6
265	21.6	16.8	25.2

