

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
 Data File : BG060385.D
 Acq On : 22 Jan 2024 15:05
 Operator : MA/JU
 Sample : P1207-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 22 15:37:57 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)

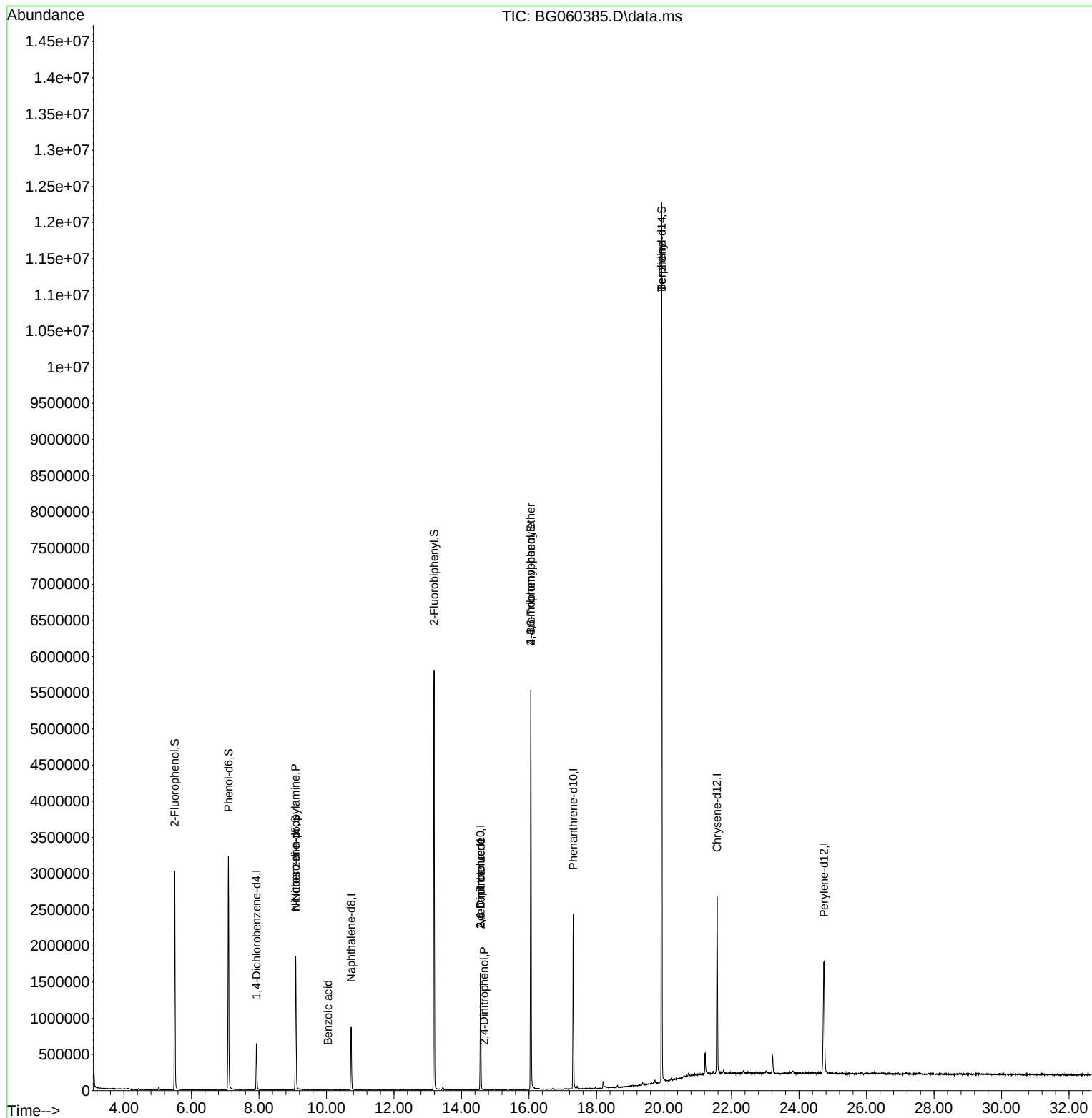
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	202047	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	783817	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	585460	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	1619520	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1557435	20.000	ng	0.00
86) Perylene-d12	24.739	264	1737060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	1420928	115.672	ng	0.00
7) Phenol-d6	7.095	99	2198705	120.875	ng	0.00
23) Nitrobenzene-d5	9.086	82	1277545	76.964	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	1242153	144.205	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	3276853	77.817	ng	0.00
79) Terphenyl-d14	19.932	244	5526628	92.505	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.086	70	158326	12.576	ng	# 85
32) Benzoic acid	10.044	122	88	10.210	ng	# 27
51) 2,6-Dinitrotoluene	14.562	165	80048	8.385	ng	# 33
54) 2,4-Dinitrophenol	14.668	184	57	8.595	ng	# 28
57) 2,4-Dinitrotoluene	14.562	165	80048	6.115	ng	# 25
67) 4-Bromophenyl-phenylether	16.055	248	78797	4.428	ng	# 1
77) Benzidine	19.932	184	100771	2.978	ng	# 92

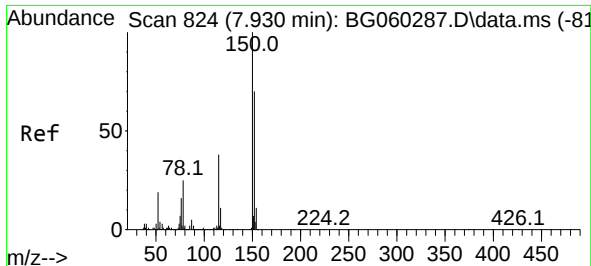
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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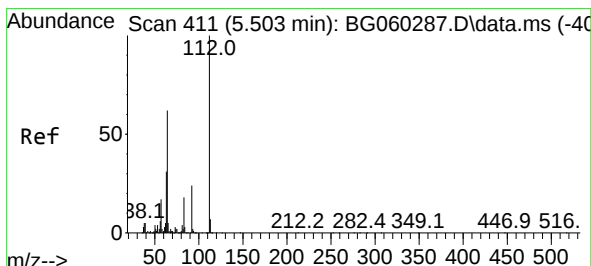
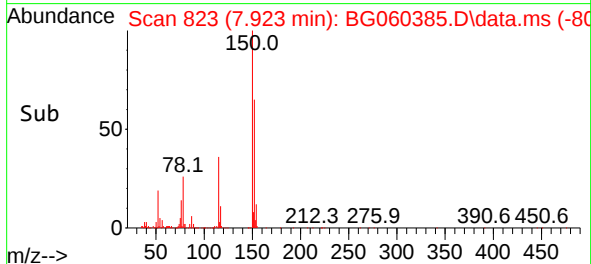
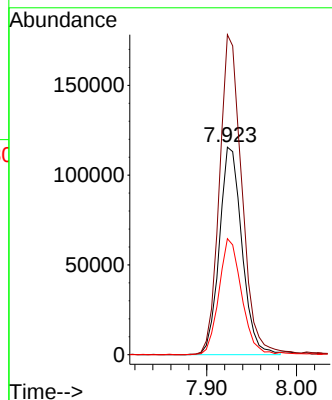
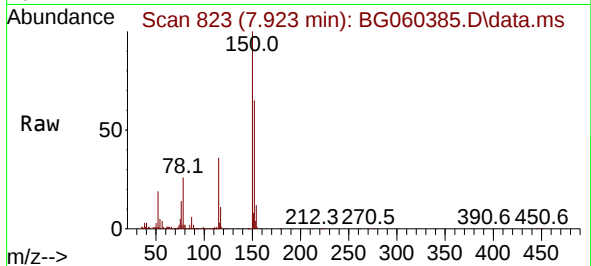




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060385.D
Acq: 22 Jan 2024 15:05

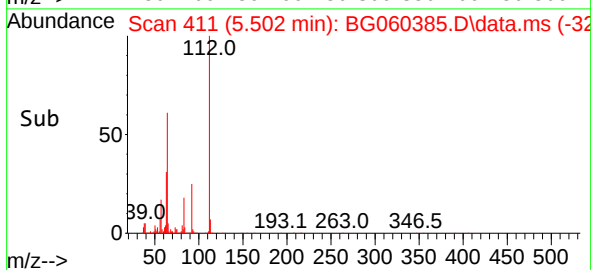
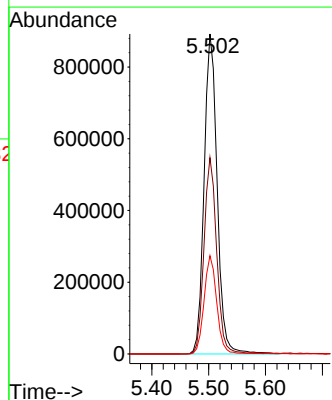
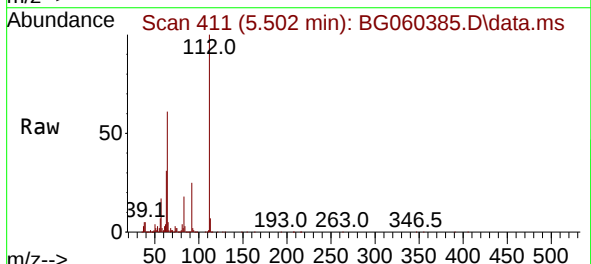
Instrument :
BNA_G
ClientSampleId :

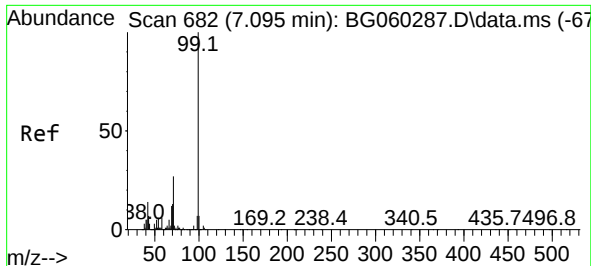
Tgt Ion:152 Resp: 202047
Ion Ratio Lower Upper
152 100
150 154.2 114.5 171.7
115 55.9 43.0 64.6



#5
2-Fluorophenol
Concen: 115.672 ng
RT: 5.502 min Scan# 411
Delta R.T. -0.001 min
Lab File: BG060385.D
Acq: 22 Jan 2024 15:05

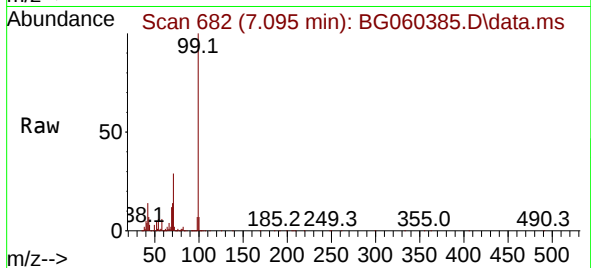
Tgt Ion:112 Resp: 1420928
Ion Ratio Lower Upper
112 100
64 61.4 49.8 74.6
63 30.7 24.4 36.6





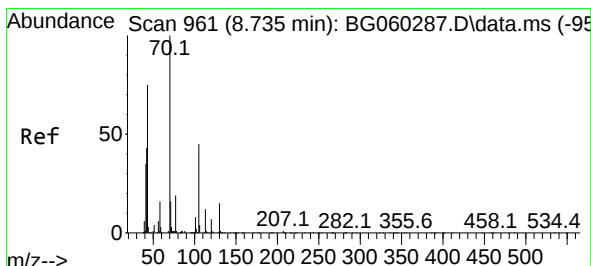
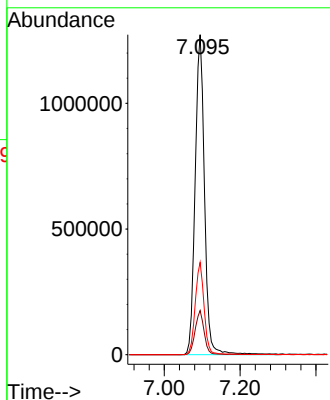
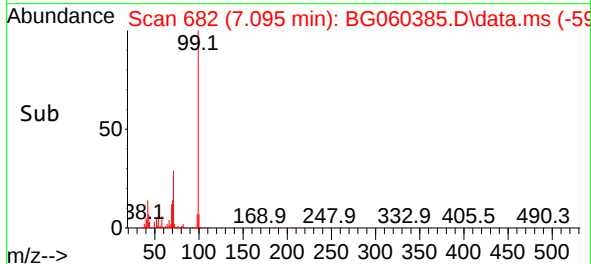
#7
Phenol-d6
Concen: 120.875 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060385.D
Acq: 22 Jan 2024 15:05

Instrument :
BNA_G
ClientSampleId :

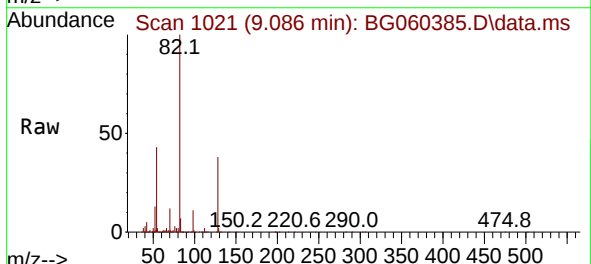


Tgt Ion: 99 Resp: 2198705

Ion	Ratio	Lower	Upper
99	100		
42	13.8	10.9	16.3
71	28.8	21.5	32.3

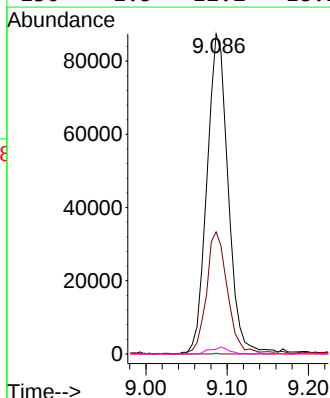
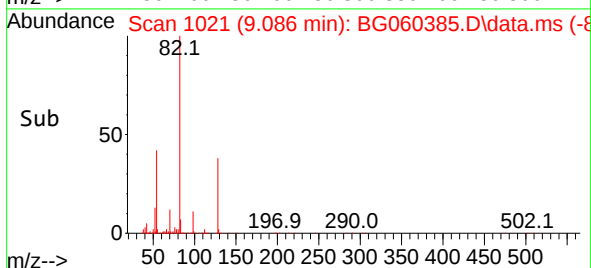


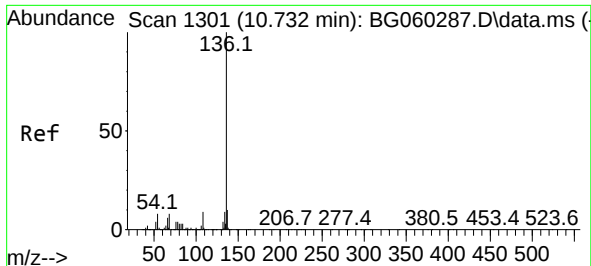
#19
n-Nitroso-di-n-propylamine
Concen: 12.576 ng
RT: 9.086 min Scan# 1021
Delta R.T. 0.352 min
Lab File: BG060385.D
Acq: 22 Jan 2024 15:05



Tgt Ion: 70 Resp: 158326

Ion	Ratio	Lower	Upper
70	100		
42	38.2	34.3	51.5
101	0.3	6.2	9.2#
130	1.5	12.2	18.2#

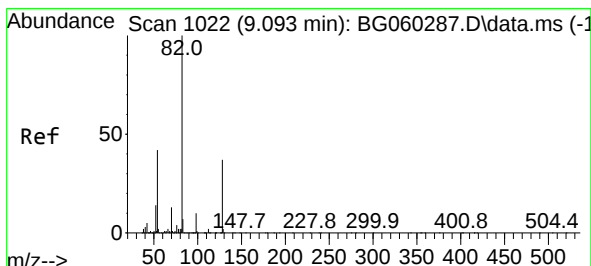
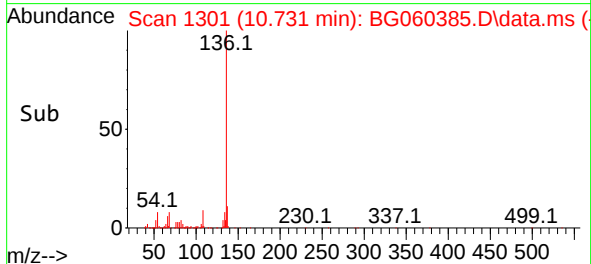
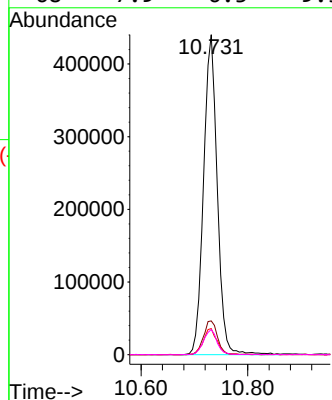
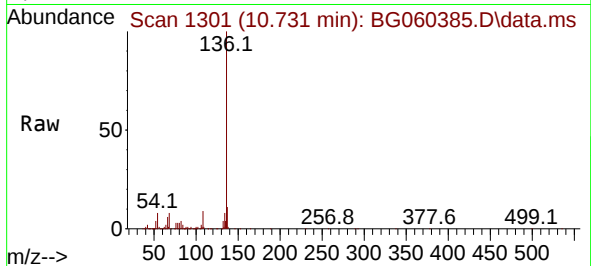




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060385.D
Acq: 22 Jan 2024 15:05

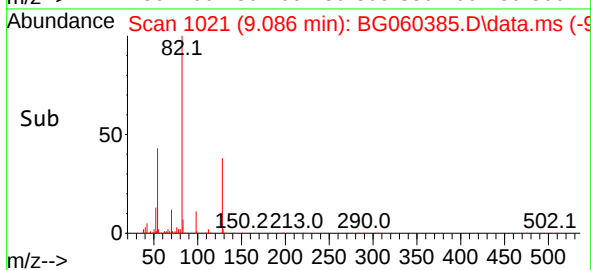
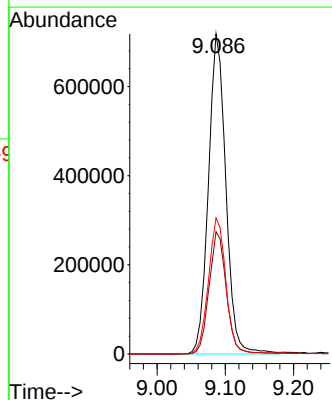
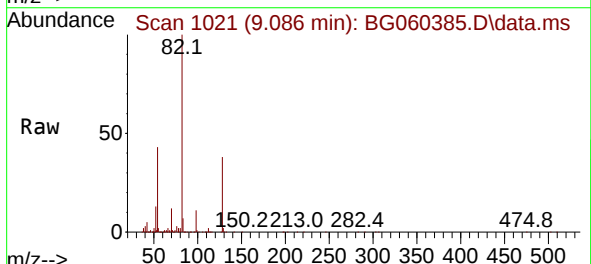
Instrument :
BNA_G
ClientSampleId :

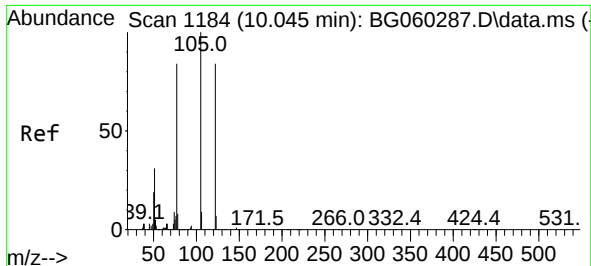
Tgt Ion:	136	Resp:	783817
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	8.1	6.2	9.2
68	7.9	6.3	9.5



#23
Nitrobenzene-d5
Concen: 76.964 ng
RT: 9.086 min Scan# 1021
Delta R.T. -0.007 min
Lab File: BG060385.D
Acq: 22 Jan 2024 15:05

Tgt Ion:	82	Resp:	1277545
Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.6	44.4
54	42.5	33.6	50.4

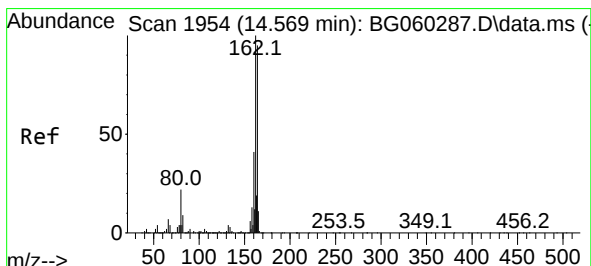
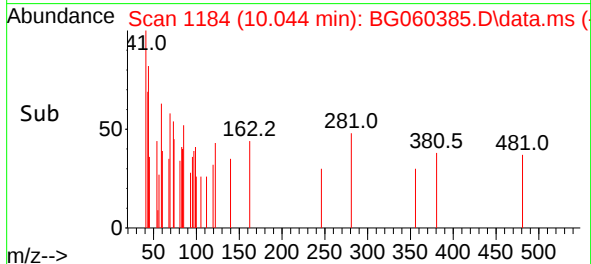
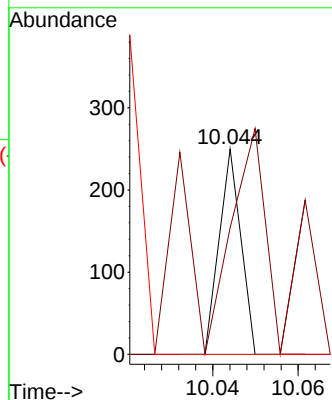
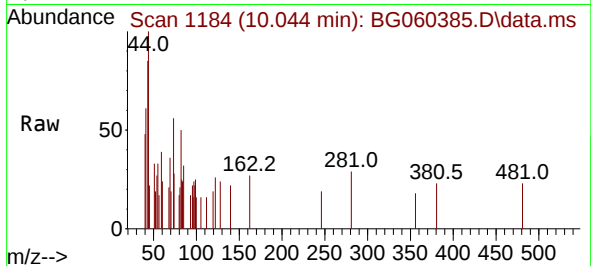




#32
Benzoic acid
Concen: 10.210 ng
RT: 10.044 min Scan# 1184
Delta R.T. -0.001 min
Lab File: BG060385.D
Acq: 22 Jan 2024 15:05

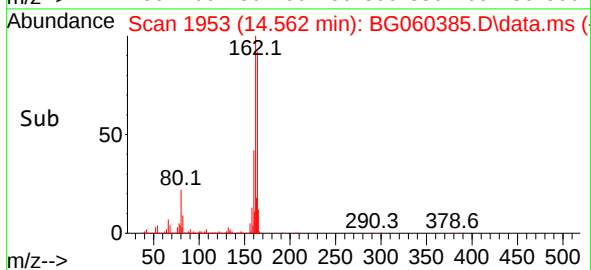
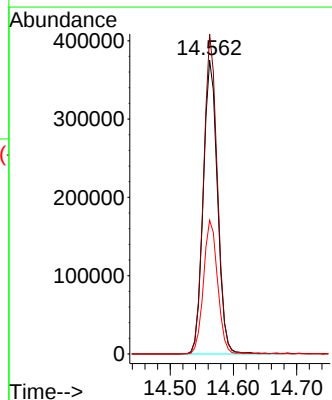
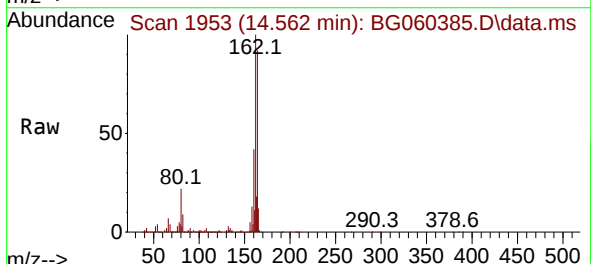
Instrument :
BNA_G
ClientSampleId :

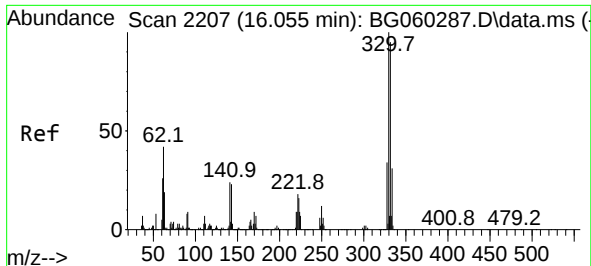
Tgt Ion:122 Resp: 88
Ion Ratio Lower Upper
122 100
105 61.6 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.007 min
Lab File: BG060385.D
Acq: 22 Jan 2024 15:05

Tgt Ion:164 Resp: 585460
Ion Ratio Lower Upper
164 100
162 108.9 84.4 126.6
160 45.5 34.6 52.0

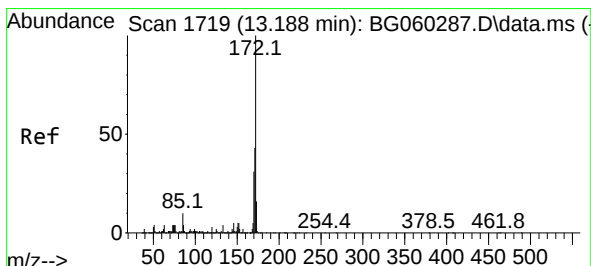
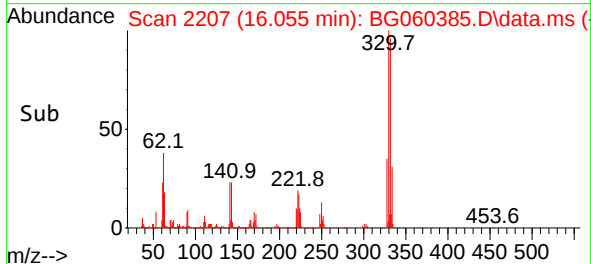
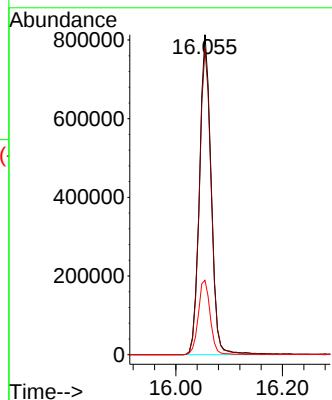
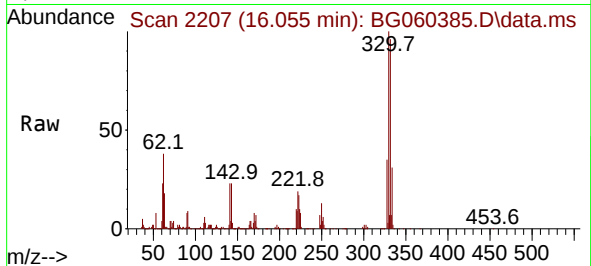




#42
2,4,6-Tribromophenol
Concen: 144.205 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060385.D
Acq: 22 Jan 2024 15:05

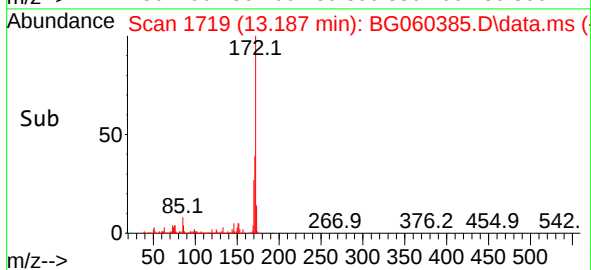
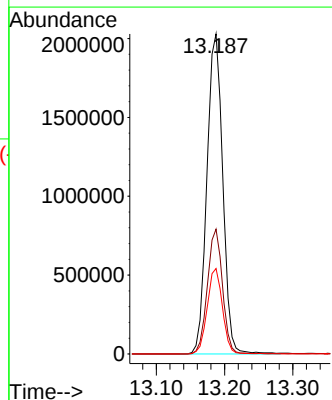
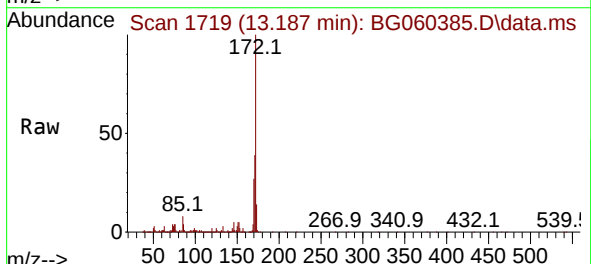
Instrument :
BNA_G
ClientSampleId :

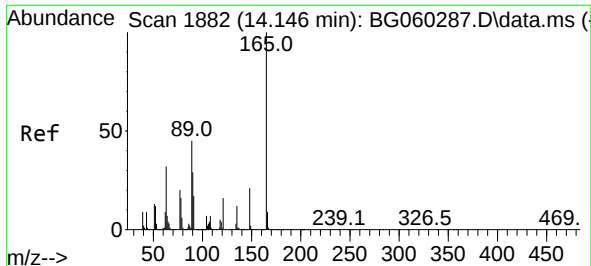
Tgt Ion:330 Resp: 1242153
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 23.6 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 77.817 ng
RT: 13.187 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG060385.D
Acq: 22 Jan 2024 15:05

Tgt Ion:172 Resp: 3276853
Ion Ratio Lower Upper
172 100
171 39.0 34.6 51.8
170 26.7 24.4 36.6





#51

2,6-Dinitrotoluene

Concen: 8.385 ng

RT: 14.562 min Scan# 1953

Delta R.T. 0.416 min

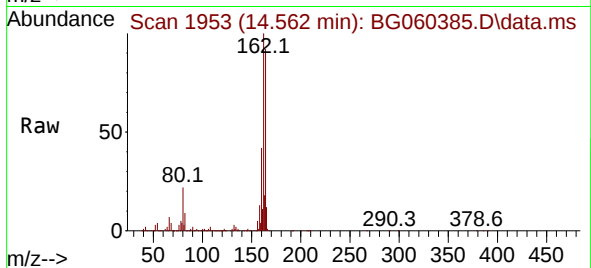
Lab File: BG060385.D

Acq: 22 Jan 2024 15:05

Instrument :

BNA_G

ClientSampleId :



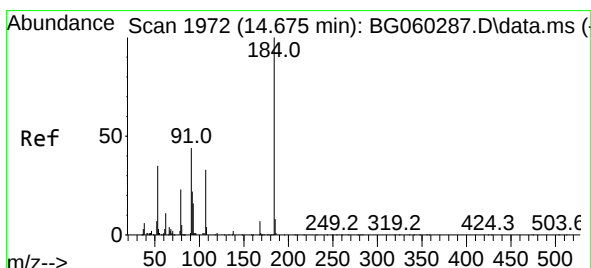
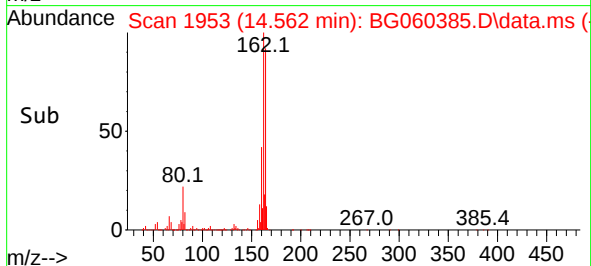
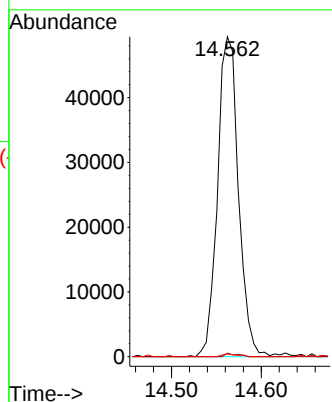
Tgt Ion:165 Resp: 80048

Ion Ratio Lower Upper

165 100

63 1.1 35.0 52.4#

89 0.9 36.2 54.2#



#54

2,4-Dinitrophenol

Concen: 8.595 ng

RT: 14.668 min Scan# 1971

Delta R.T. -0.007 min

Lab File: BG060385.D

Acq: 22 Jan 2024 15:05

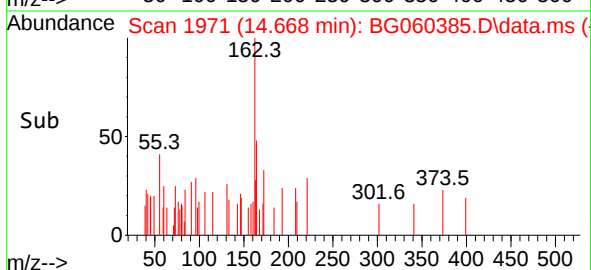
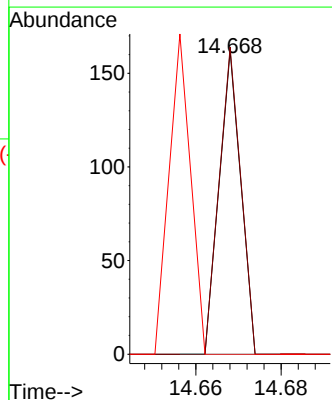
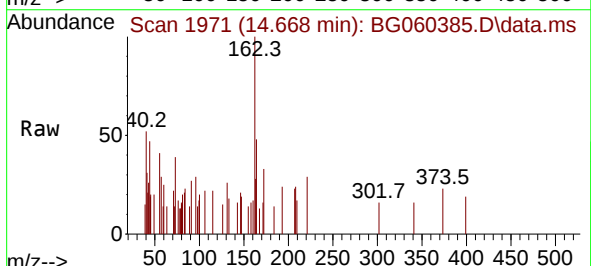
Tgt Ion:184 Resp: 57

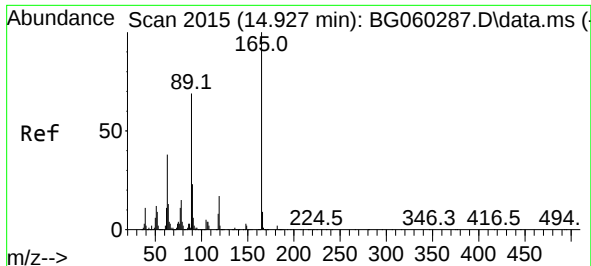
Ion Ratio Lower Upper

184 100

63 101.2 41.0 61.4#

154 0.0 39.2 58.8#





#57

2,4-Dinitrotoluene

Concen: 6.115 ng

RT: 14.562 min Scan# 1953

Delta R.T. -0.365 min

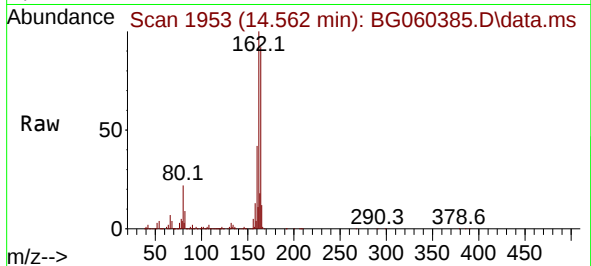
Lab File: BG060385.D

Acq: 22 Jan 2024 15:05

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 80048

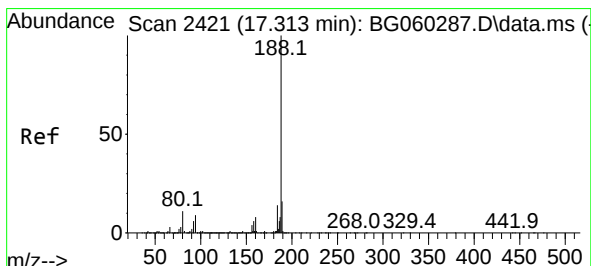
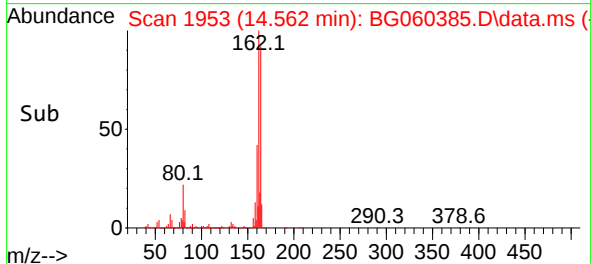
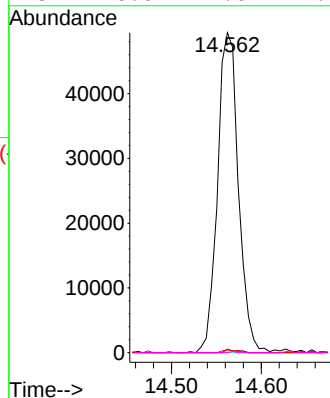
Ion Ratio Lower Upper

165 100

63 1.1 30.4 45.6#

89 0.9 55.4 83.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.312 min Scan# 2421

Delta R.T. -0.001 min

Lab File: BG060385.D

Acq: 22 Jan 2024 15:05

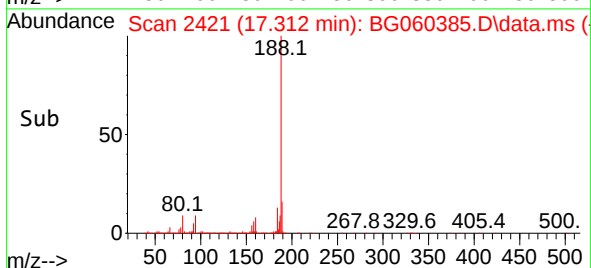
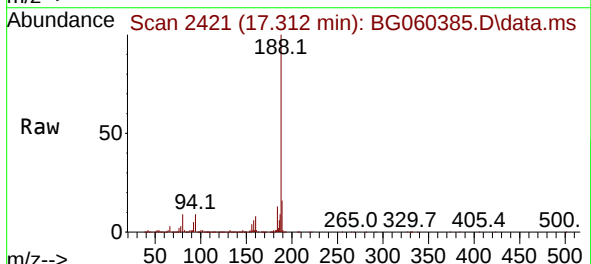
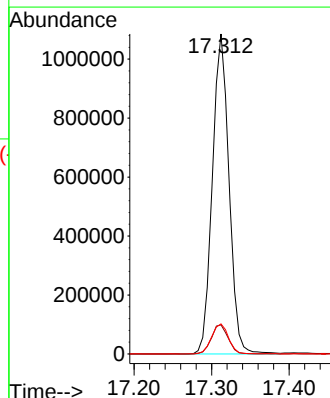
Tgt Ion:188 Resp: 1619520

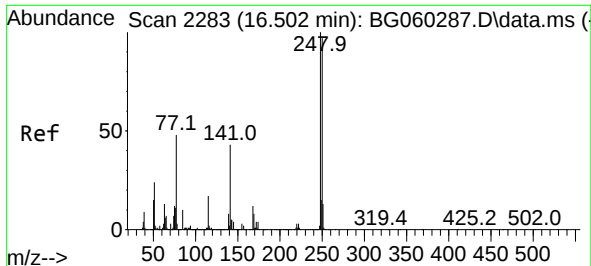
Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

80 9.4 8.5 12.7

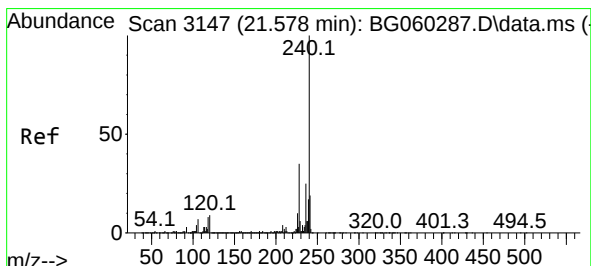
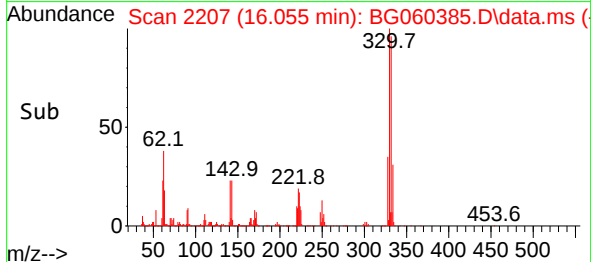
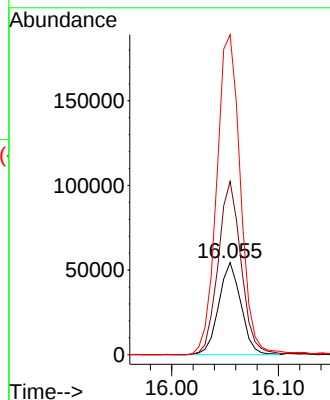
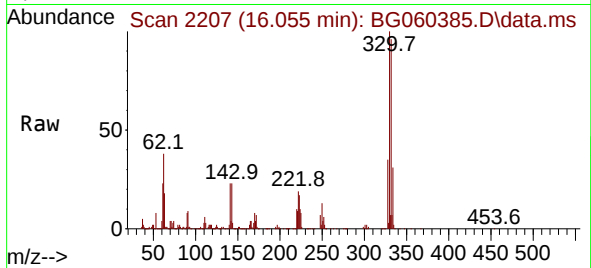




#67
4-Bromophenyl-phenylether
Concen: 4.428 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060385.D
Acq: 22 Jan 2024 15:05

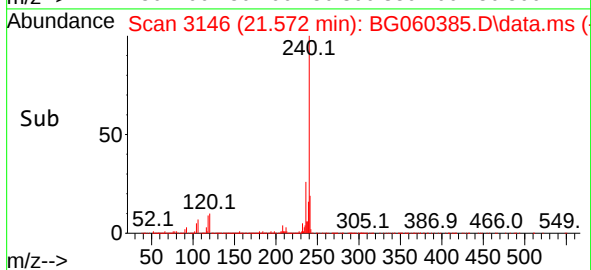
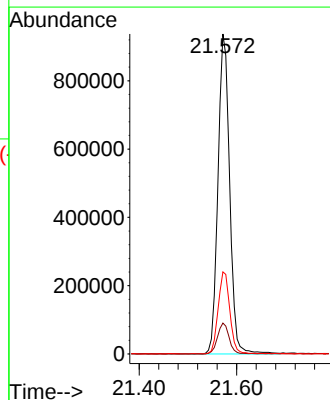
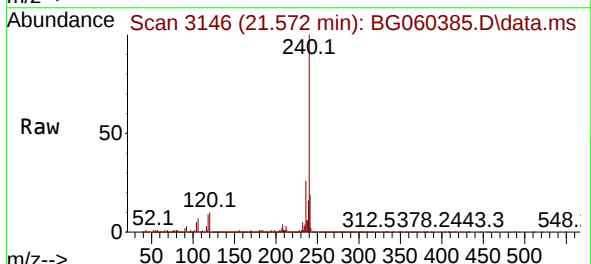
Instrument :
BNA_G
ClientSampleId :

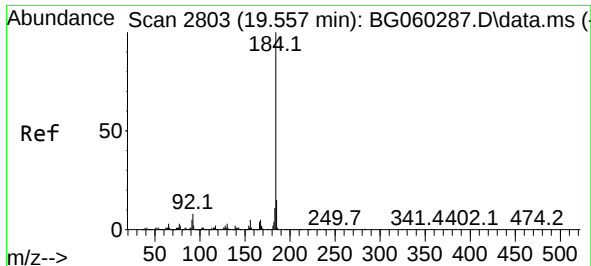
Tgt Ion:248 Resp: 78797
Ion Ratio Lower Upper
248 100
250 187.9 77.6 116.4#
141 347.0 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3146
Delta R.T. -0.007 min
Lab File: BG060385.D
Acq: 22 Jan 2024 15:05

Tgt Ion:240 Resp: 1557435
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 25.6 20.3 30.5

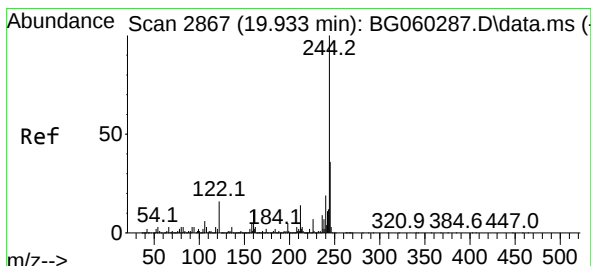
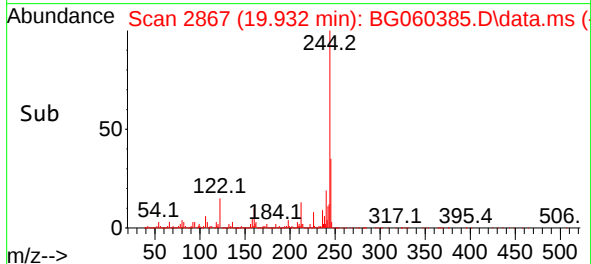
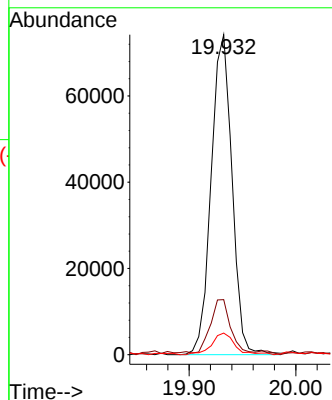
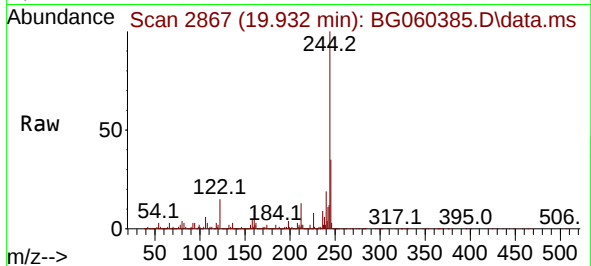




#77
Benzidine
Concen: 2.978 ng
RT: 19.932 min Scan# 21
Delta R.T. 0.375 min
Lab File: BG060385.D
Acq: 22 Jan 2024 15:05

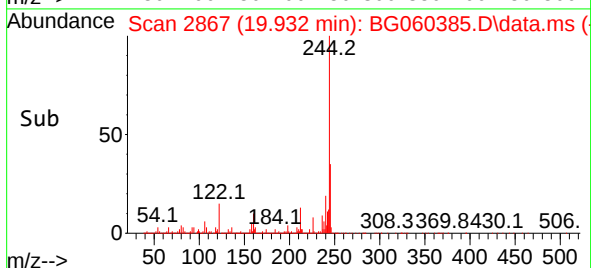
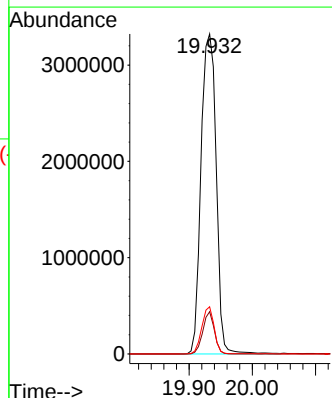
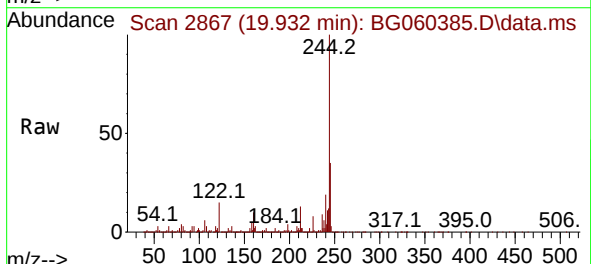
Instrument :
BNA_G
ClientSampleId :

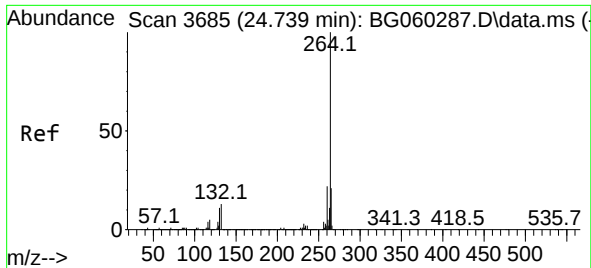
Tgt Ion:184 Resp: 100771
Ion Ratio Lower Upper
184 100
185 17.2 12.2 18.4
183 6.8 9.0 13.4#



#79
Terphenyl-d14
Concen: 92.505 ng
RT: 19.932 min Scan# 2867
Delta R.T. -0.001 min
Lab File: BG060385.D
Acq: 22 Jan 2024 15:05

Tgt Ion:244 Resp: 5526628
Ion Ratio Lower Upper
244 100
212 13.2 10.9 16.3
122 14.7 12.6 18.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.739 min Scan# 30
Delta R.T. -0.001 min
Lab File: BG060385.D
Acq: 22 Jan 2024 15:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 1737060

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.8	26.6
265	21.4	16.8	25.2

