

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011924\
 Data File : BG060366.D
 Acq On : 19 Jan 2024 12:53
 Operator : MA/JU
 Sample : PB158524BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158524BL

Quant Time: Jan 19 13:32:06 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)

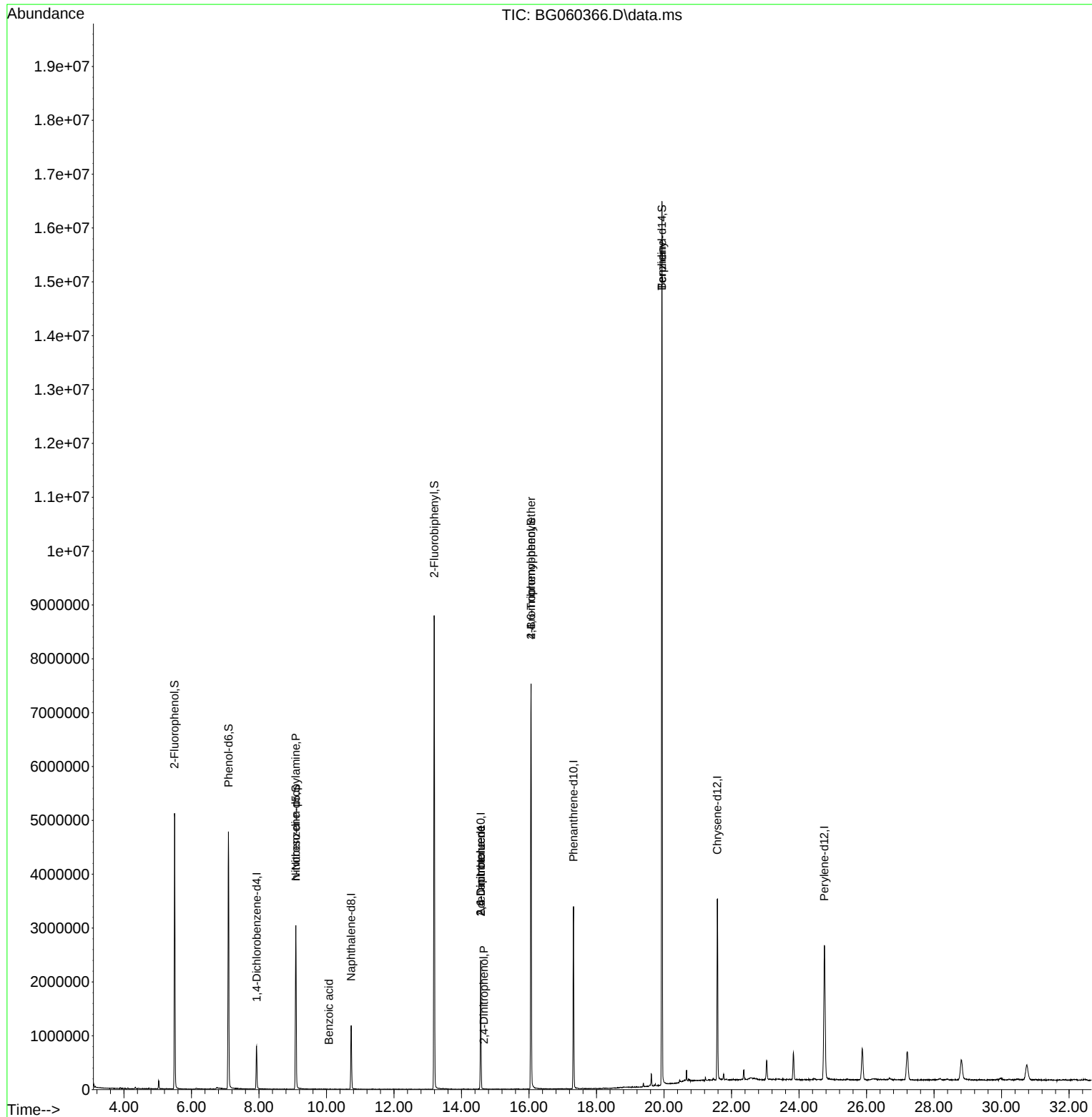
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	260774	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	1091271	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	842177	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	2267323	20.000	ng	0.00
76) Chrysene-d12	21.578	240	2099070	20.000	ng	0.00
86) Perylene-d12	24.751	264	2267754	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	2318874	146.259	ng	0.00
7) Phenol-d6	7.095	99	3184462	135.642	ng	0.00
23) Nitrobenzene-d5	9.093	82	2087278	90.318	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	1657138	133.739	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	4772531	78.788	ng	0.00
79) Terphenyl-d14	19.939	244	6652628	77.244	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.093	70	258035	15.881	ng	# 83
32) Benzoic acid	10.074	122	65	10.206	ng	# 1
51) 2,6-Dinitrotoluene	14.569	165	109254	7.956	ng	# 33
54) 2,4-Dinitrophenol	14.663	184	116	8.599	ng	# 27
57) 2,4-Dinitrotoluene	14.569	165	109254	5.802	ng	# 26
67) 4-Bromophenyl-phenylether	16.061	248	105717	4.243	ng	# 1
77) Benzidine	19.939	184	145377	3.188	ng	# 94

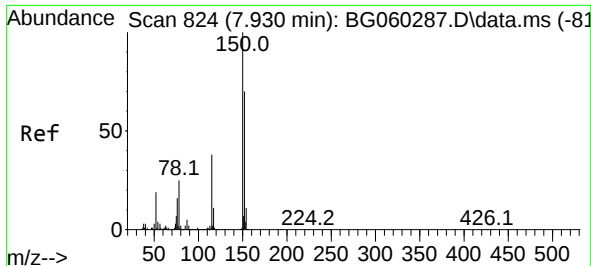
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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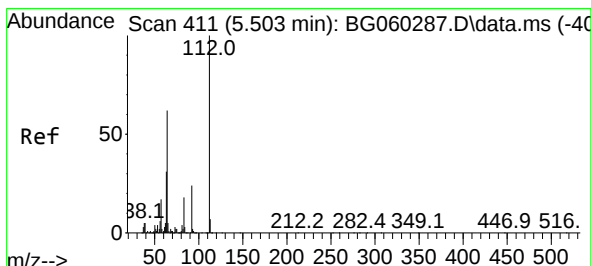
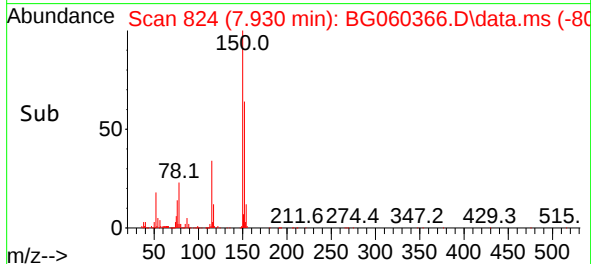
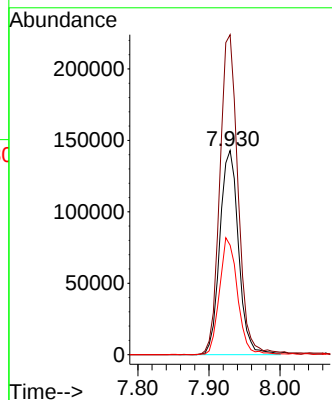
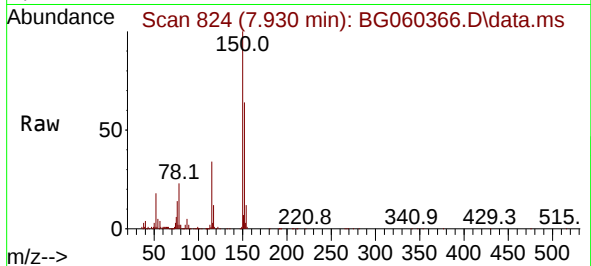




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

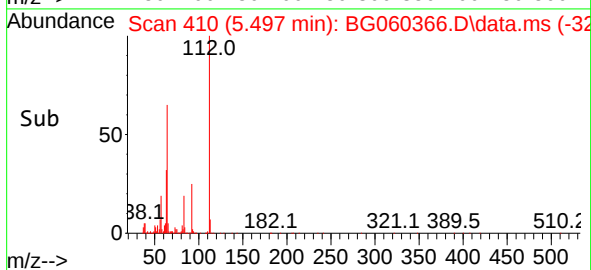
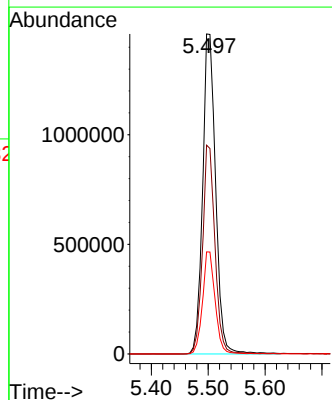
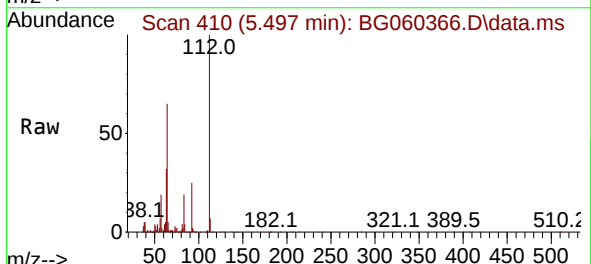
Instrument :
BNA_G
ClientSampleId :
PB158524BL

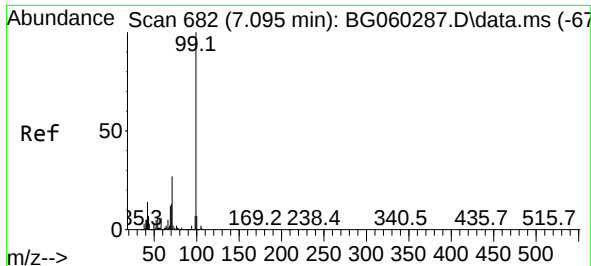
Tgt Ion:152 Resp: 260774
Ion Ratio Lower Upper
152 100
150 156.7 114.5 171.7
115 53.6 43.0 64.6



#5
2-Fluorophenol
Concen: 146.259 ng
RT: 5.497 min Scan# 410
Delta R.T. -0.006 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

Tgt Ion:112 Resp: 2318874
Ion Ratio Lower Upper
112 100
64 65.3 49.8 74.6
63 31.9 24.4 36.6



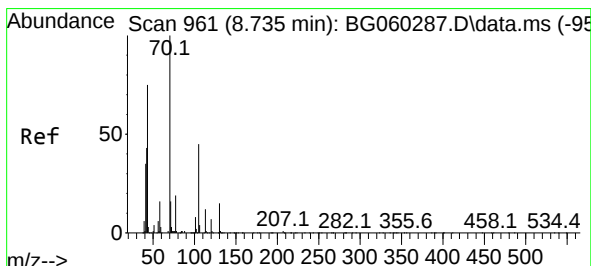
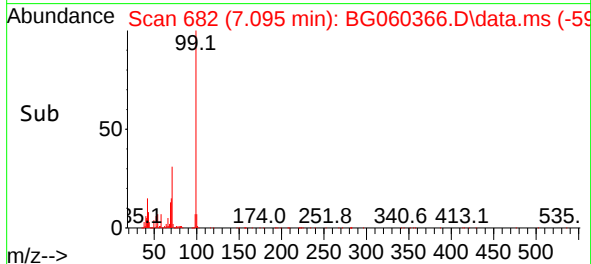
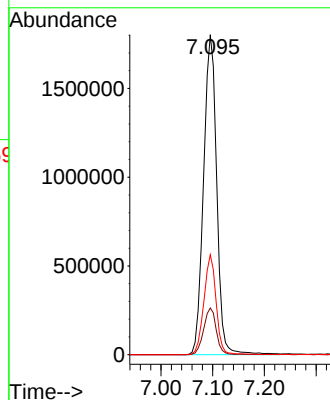
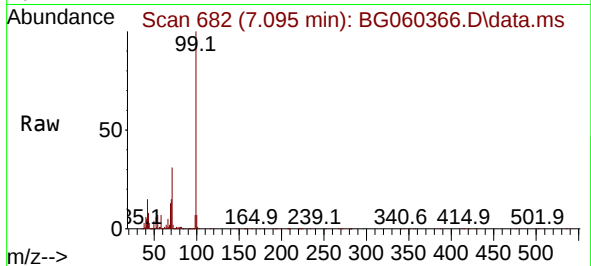


#7
Phenol-d6
Concen: 135.642 ng
RT: 7.095 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

Instrument :
BNA_G
ClientSampleId :
PB158524BL

Tgt Ion: 99 Resp: 3184462

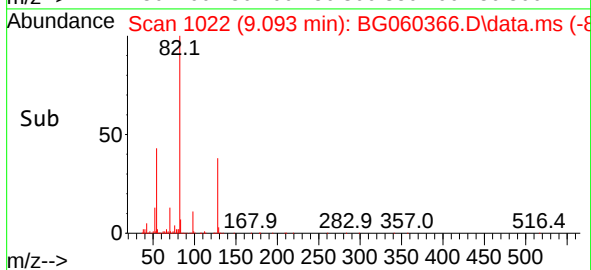
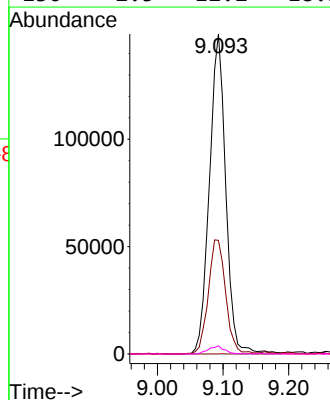
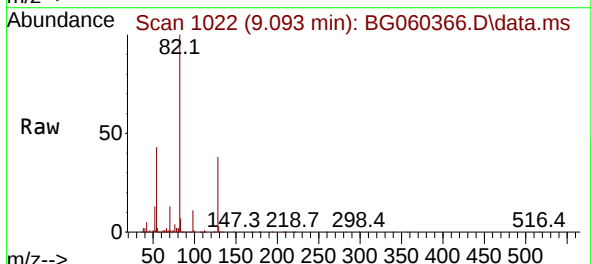
Ion	Ratio	Lower	Upper
99	100		
42	14.6	10.9	16.3
71	31.2	21.5	32.3

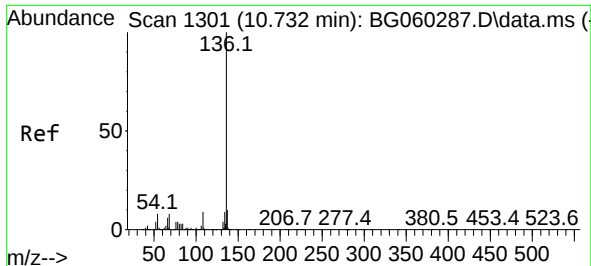


#19
n-Nitroso-di-n-propylamine
Concen: 15.881 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.358 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

Tgt Ion: 70 Resp: 258035

Ion	Ratio	Lower	Upper
70	100		
42	35.5	34.3	51.5
101	0.0	6.2	9.2#
130	2.5	12.2	18.2#



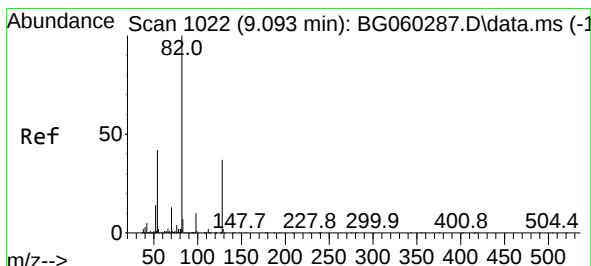
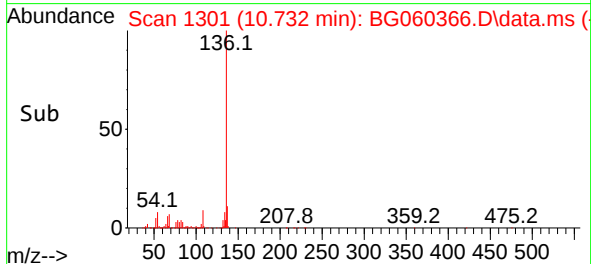
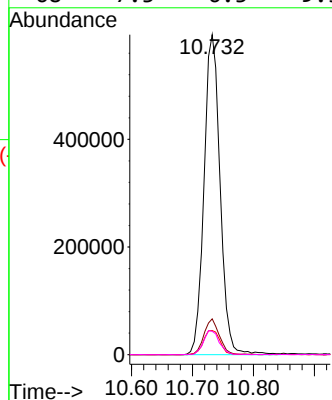
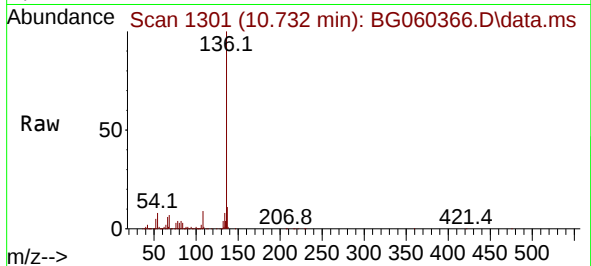


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

Instrument :
BNA_G
ClientSampleId :
PB158524BL

Tgt Ion:136 Resp: 1091271

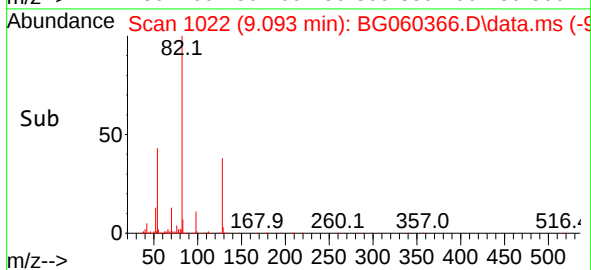
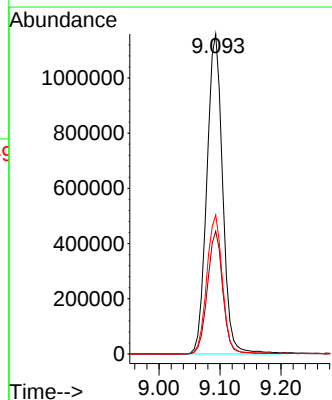
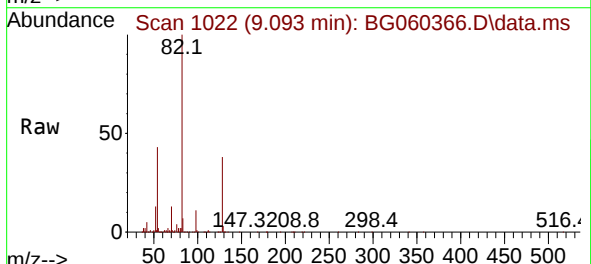
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	7.5	6.2	9.2
68	7.3	6.3	9.5

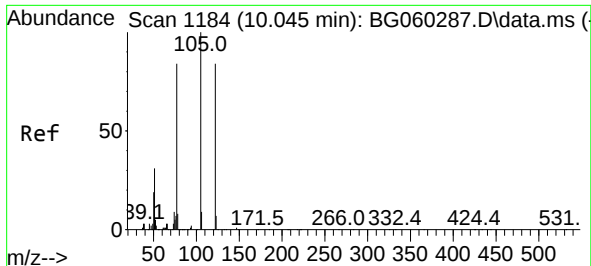


#23
Nitrobenzene-d5
Concen: 90.318 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

Tgt Ion: 82 Resp: 2087278

Ion	Ratio	Lower	Upper
82	100		
128	38.4	29.6	44.4
54	43.4	33.6	50.4

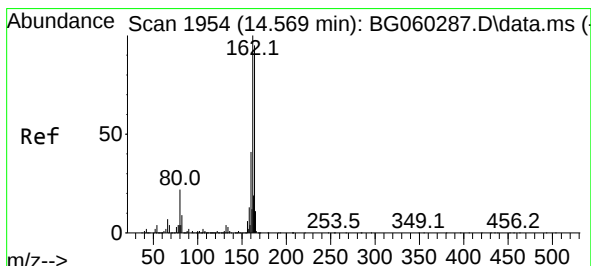
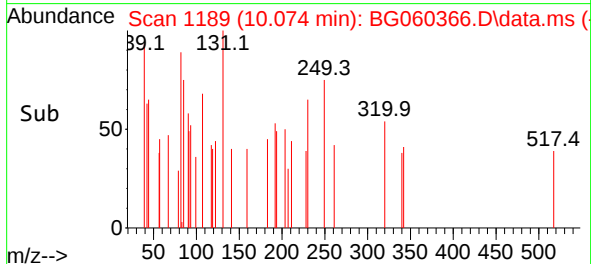
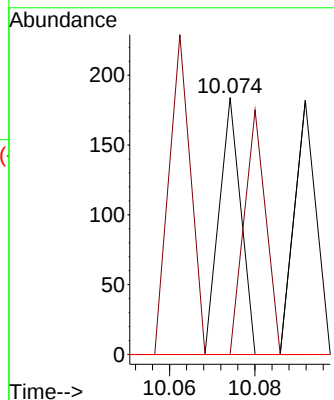
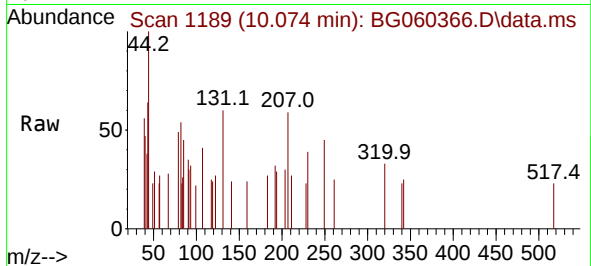




#32
Benzoic acid
Concen: 10.206 ng
RT: 10.074 min Scan# 1189
Delta R.T. 0.029 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

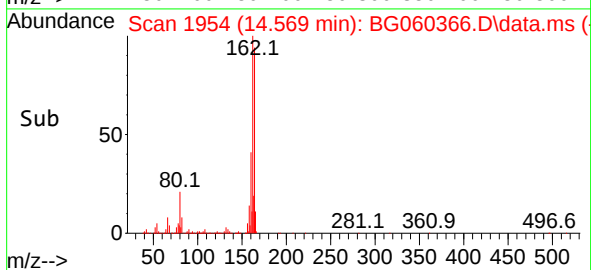
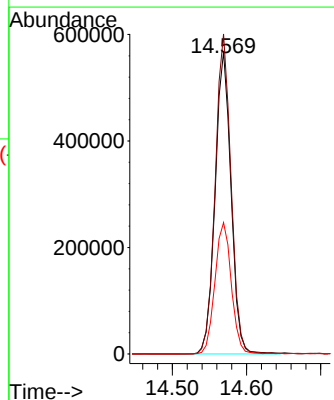
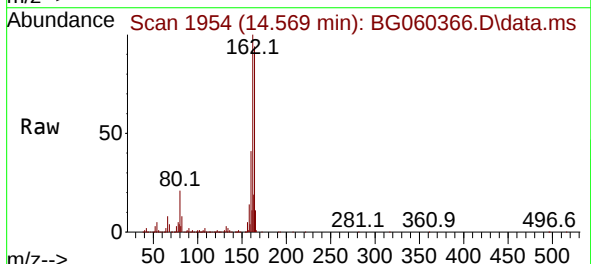
Instrument :
BNA_G
ClientSampleId :
PB158524BL

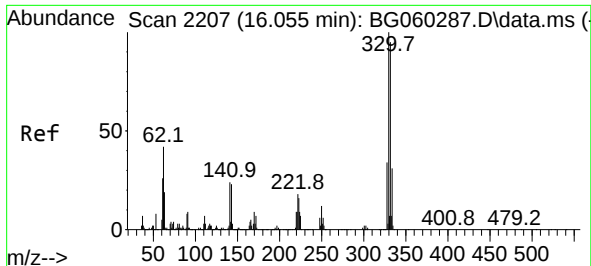
Tgt Ion:122 Resp: 65
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

Tgt Ion:164 Resp: 842177
Ion Ratio Lower Upper
164 100
162 105.9 84.4 126.6
160 43.4 34.6 52.0

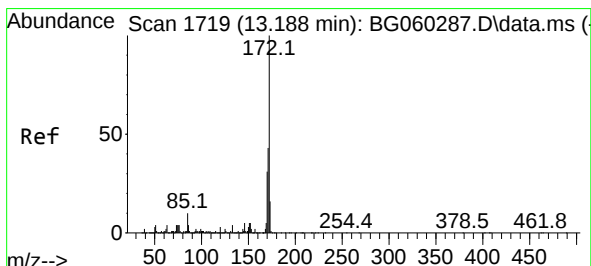
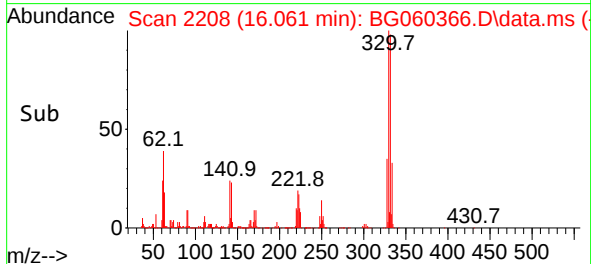
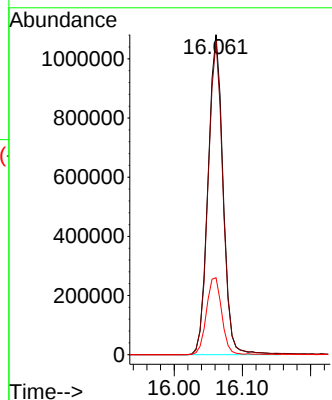
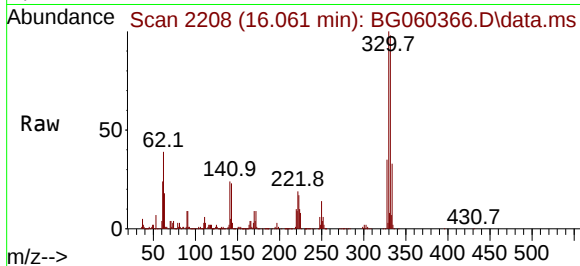




#42
2,4,6-Tribromophenol
Concen: 133.739 ng
RT: 16.061 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

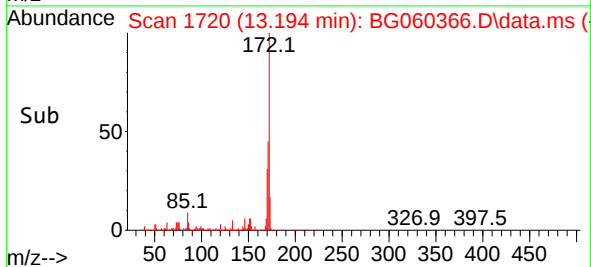
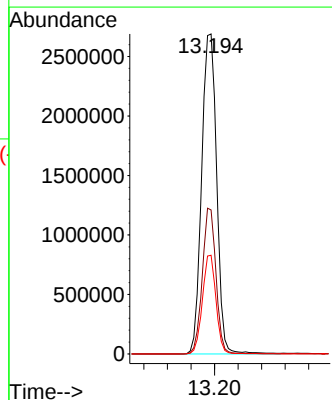
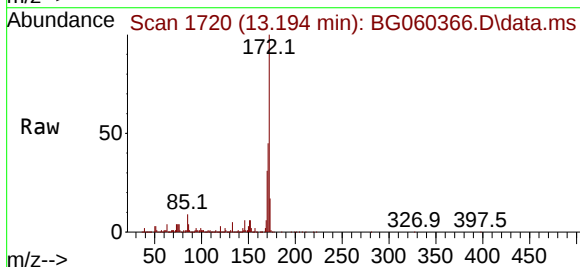
Instrument :
BNA_G
ClientSampleId :
PB158524BL

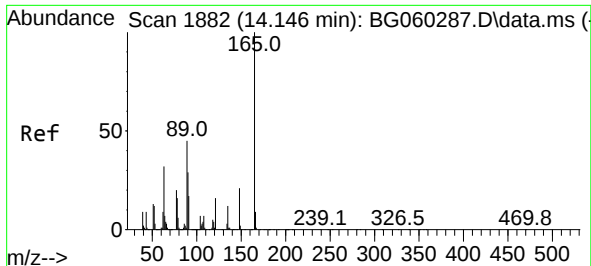
Tgt Ion:330 Resp: 1657138
Ion Ratio Lower Upper
330 100
332 97.8 76.7 115.1
141 24.8 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 78.788 ng
RT: 13.194 min Scan# 1720
Delta R.T. 0.006 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

Tgt Ion:172 Resp: 4772531
Ion Ratio Lower Upper
172 100
171 45.0 34.6 51.8
170 30.9 24.4 36.6

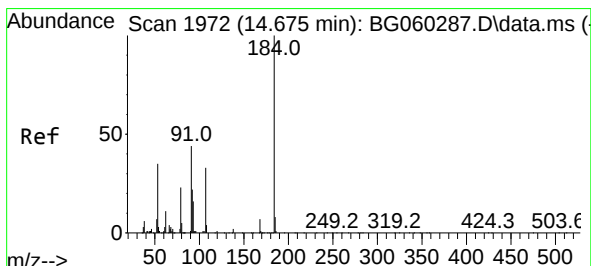
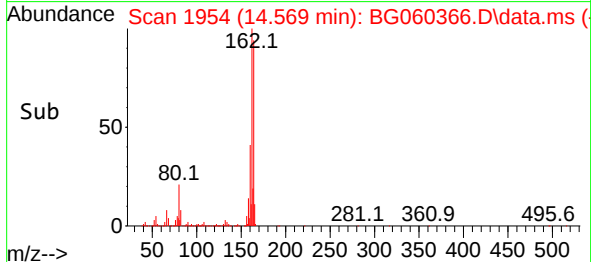
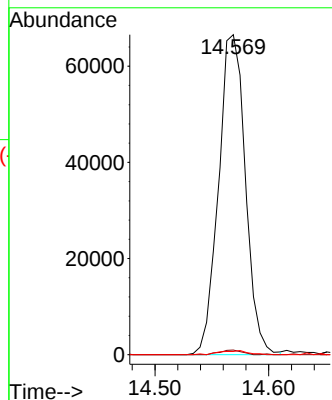
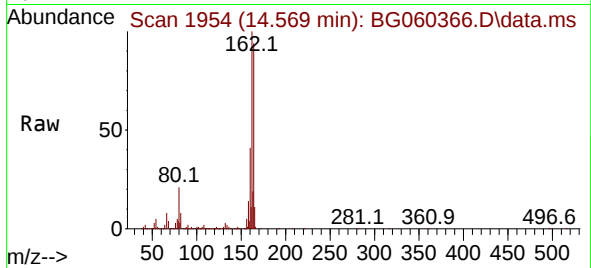




#51
2,6-Dinitrotoluene
Concen: 7.956 ng
RT: 14.569 min Scan# 1954
Delta R.T. 0.423 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

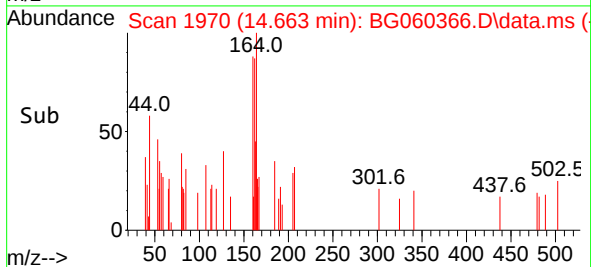
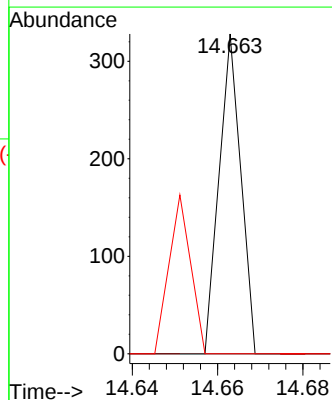
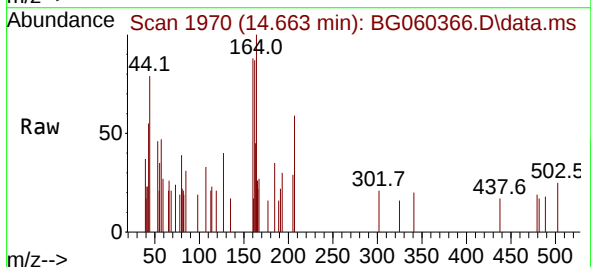
Instrument :
BNA_G
ClientSampleId :
PB158524BL

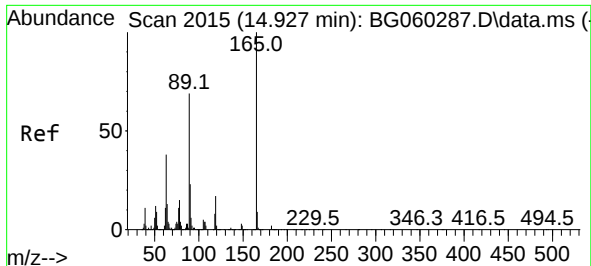
Tgt Ion:165 Resp: 109254
Ion Ratio Lower Upper
165 100
63 1.4 35.0 52.4#
89 1.0 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.599 ng
RT: 14.663 min Scan# 1970
Delta R.T. -0.012 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

Tgt Ion:184 Resp: 116
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: 5.802 ng

RT: 14.569 min Scan# 1954

Delta R.T. -0.358 min

Lab File: BG060366.D

Acq: 19 Jan 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB158524BL

Tgt Ion:165 Resp: 109254

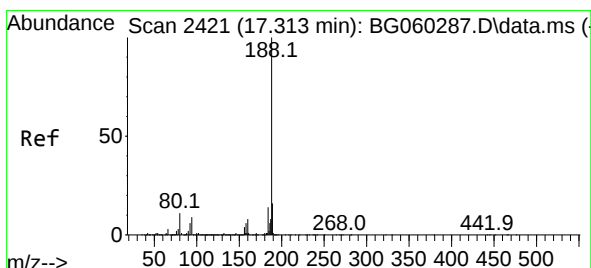
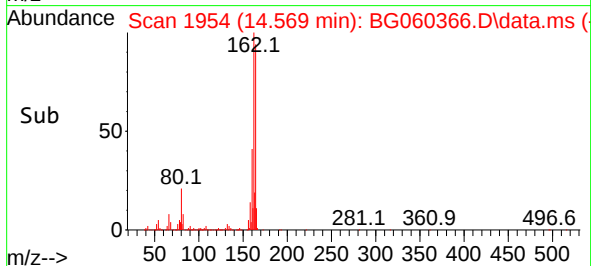
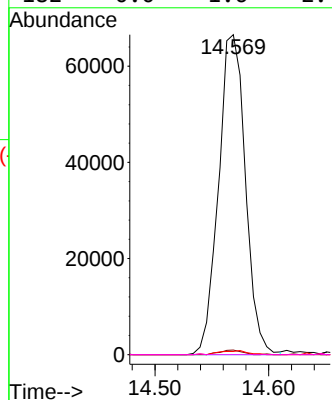
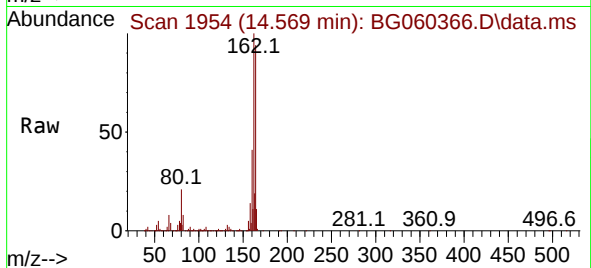
Ion Ratio Lower Upper

165 100

63 1.4 30.4 45.6#

89 1.0 55.4 83.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.319 min Scan# 2422

Delta R.T. 0.006 min

Lab File: BG060366.D

Acq: 19 Jan 2024 12:53

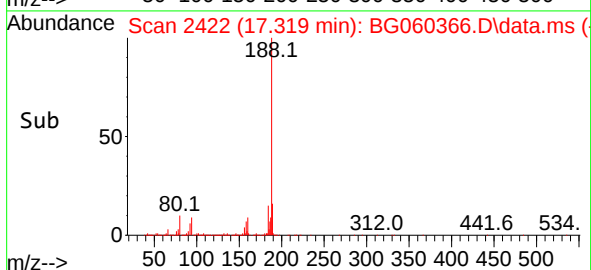
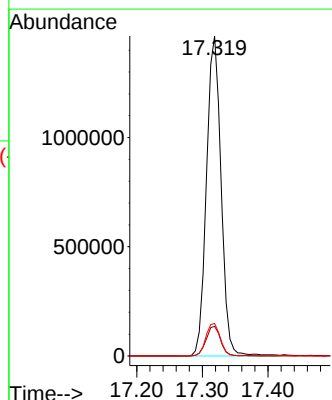
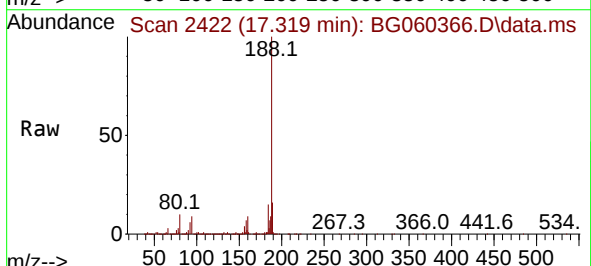
Tgt Ion:188 Resp: 2267323

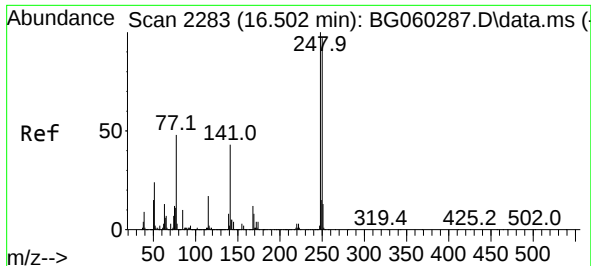
Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

80 10.1 8.5 12.7

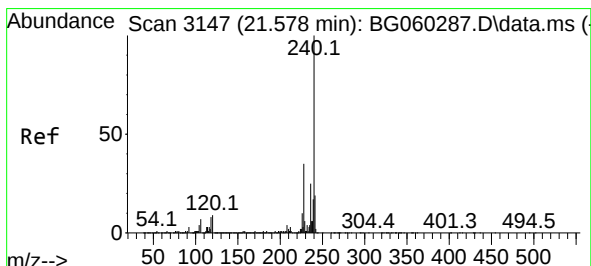
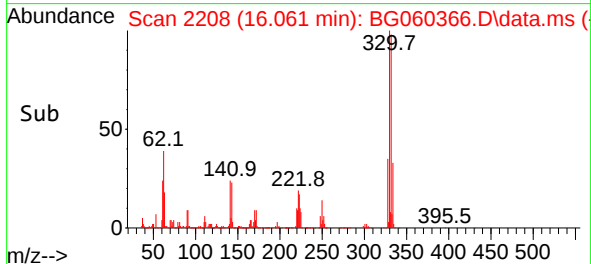
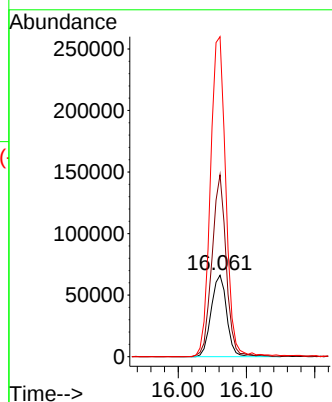
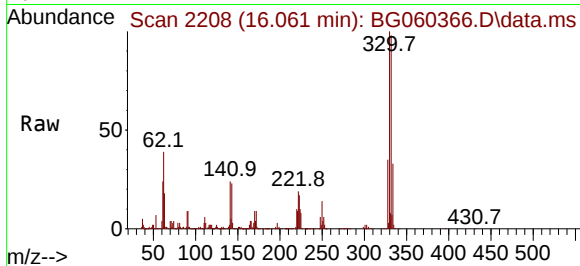




#67
4-Bromophenyl-phenylether
Concen: 4.243 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

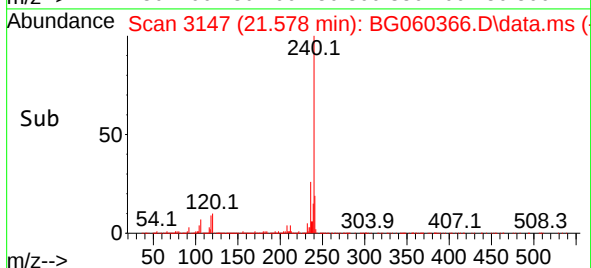
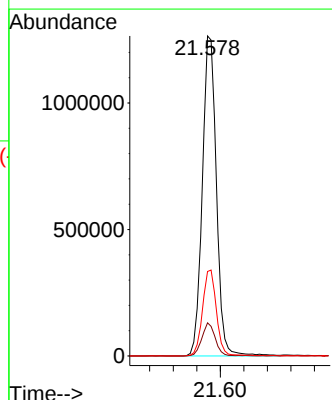
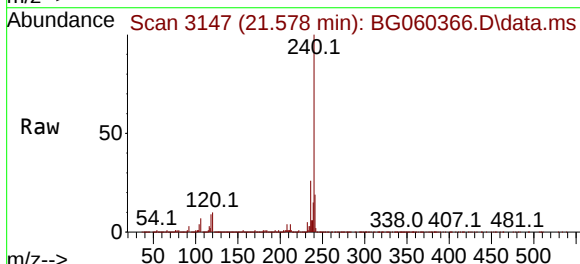
Instrument :
BNA_G
ClientSampleId :
PB158524BL

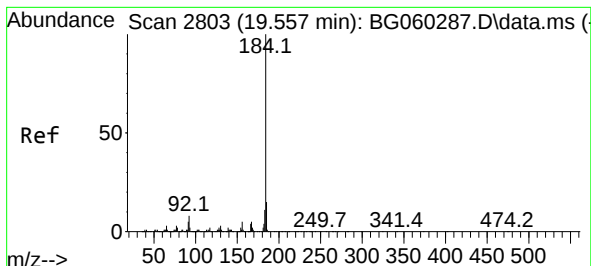
Tgt Ion:248 Resp: 105717
Ion Ratio Lower Upper
248 100
250 223.2 77.6 116.4#
141 392.7 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BG060366.D
Acq: 19 Jan 2024 12:53

Tgt Ion:240 Resp: 2099070
Ion Ratio Lower Upper
240 100
120 10.4 7.3 10.9
236 26.4 20.3 30.5





#77

Benzidine

Concen: 3.188 ng

RT: 19.939 min Scan# 2868

Delta R.T. 0.382 min

Lab File: BG060366.D

Acq: 19 Jan 2024 12:53

Instrument :

BNA_G

ClientSampleId :

PB158524BL

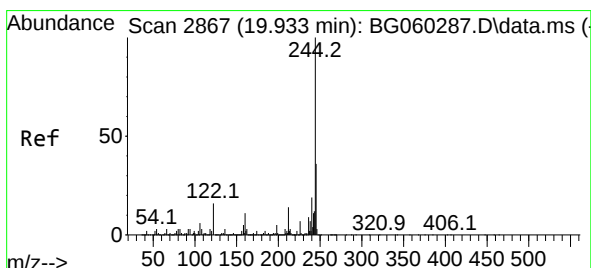
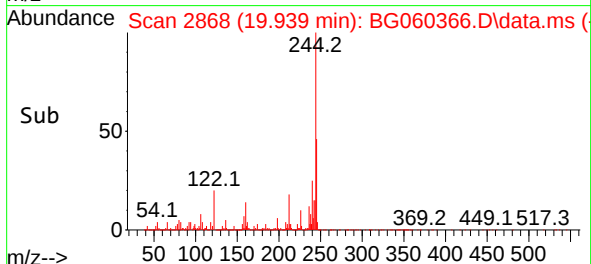
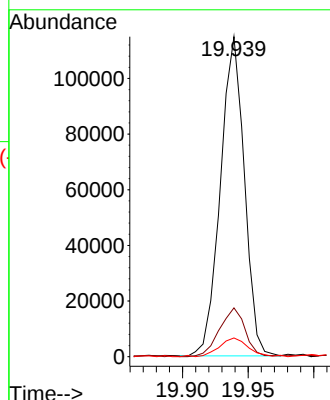
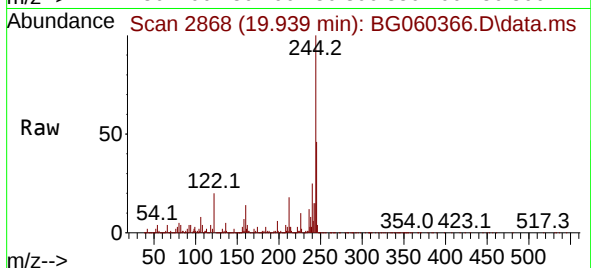
Tgt Ion:184 Resp: 145377

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.4

183 5.9 9.0 13.4#



#79

Terphenyl-d14

Concen: 77.244 ng

RT: 19.939 min Scan# 2868

Delta R.T. 0.006 min

Lab File: BG060366.D

Acq: 19 Jan 2024 12:53

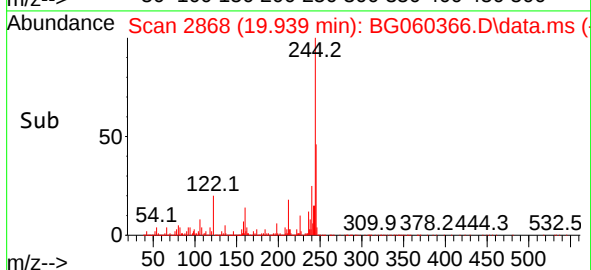
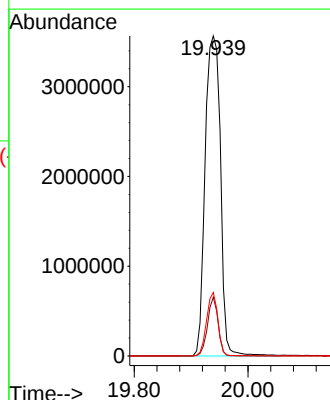
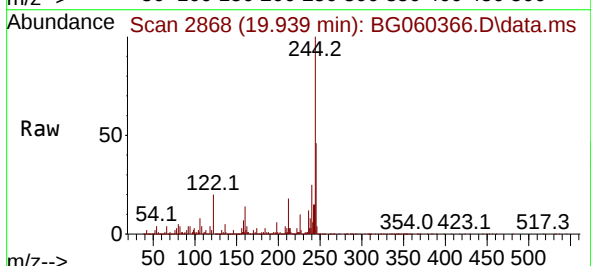
Tgt Ion:244 Resp: 6652628

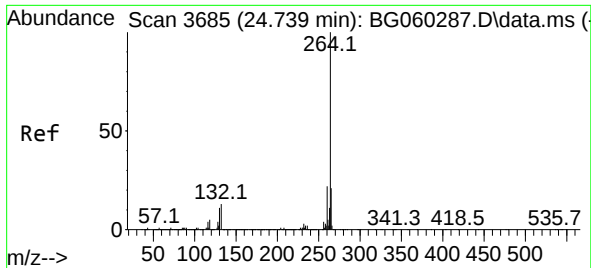
Ion Ratio Lower Upper

244 100

212 18.4 10.9 16.3#

122 19.8 12.6 18.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.751 min Scan# 30
 Delta R.T. 0.012 min
 Lab File: BG060366.D
 Acq: 19 Jan 2024 12:53

Instrument :
 BNA_G
 ClientSampleId :
 PB158524BL

Tgt Ion:264 Resp: 2267754

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.8	26.6
265	22.0	16.8	25.2

