

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011924\
 Data File : BG060364.D
 Acq On : 19 Jan 2024 10:43
 Operator : MA/JU
 Sample : PB158491BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158491BL

Quant Time: Jan 19 11:24:23 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)

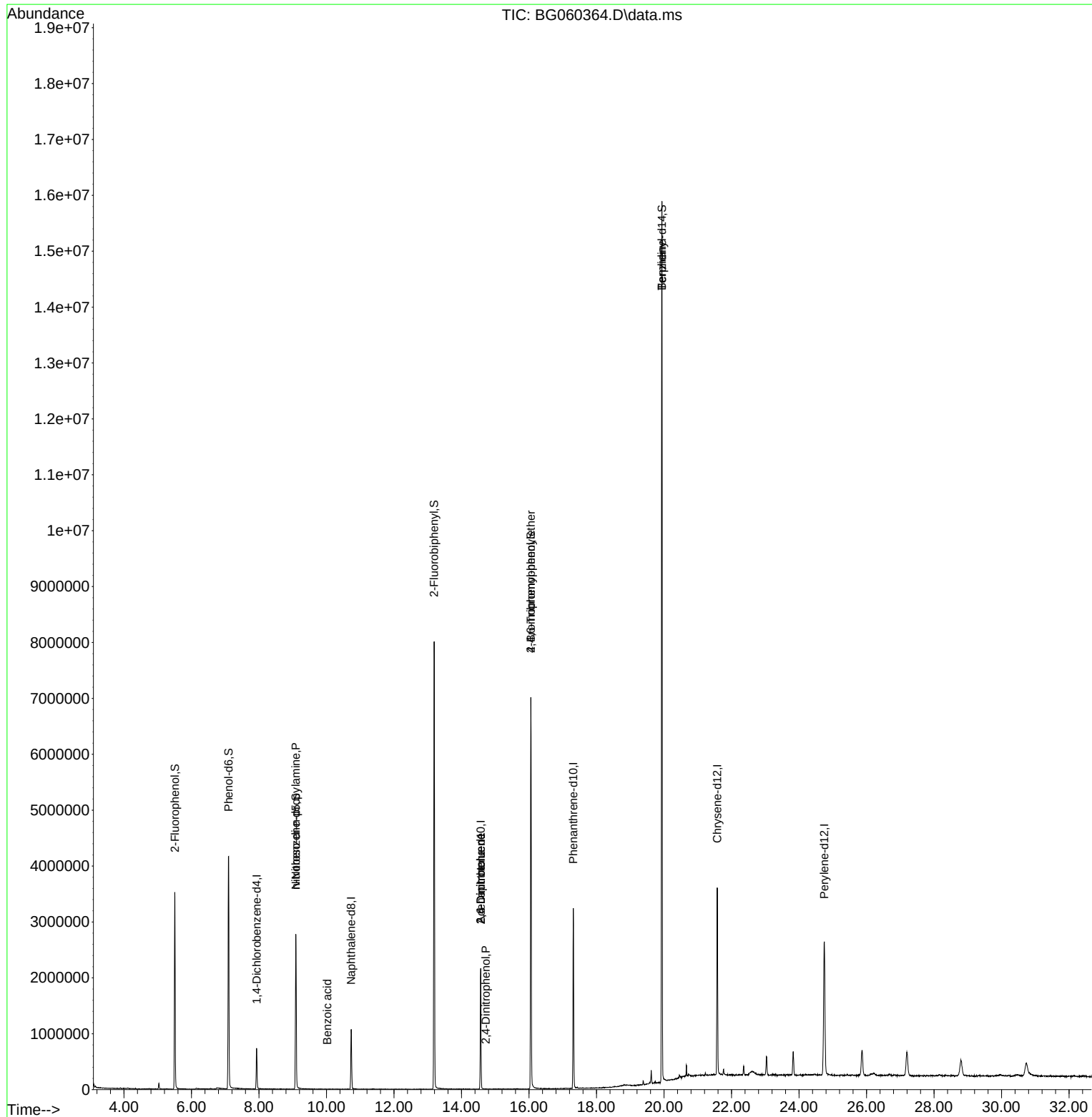
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	230400	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	958857	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	760001	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	2182853	20.000	ng	0.00
76) Chrysene-d12	21.578	240	2060804	20.000	ng	0.00
86) Perylene-d12	24.745	264	2227442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1714696	122.409	ng	0.00
7) Phenol-d6	7.101	99	2887762	139.220	ng	0.00
23) Nitrobenzene-d5	9.093	82	1911837	94.151	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	1541912	137.895	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	4432134	81.080	ng	0.00
79) Terphenyl-d14	19.939	244	6640289	79.218	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.093	70	230680	16.069	ng	# 83
32) Benzoic acid	10.021	122	171	10.216	ng	# 22
51) 2,6-Dinitrotoluene	14.568	165	104461	8.429	ng	# 33
54) 2,4-Dinitrophenol	14.715	184	54	8.593	ng	# 27
57) 2,4-Dinitrotoluene	14.568	165	104461	6.147	ng	# 25
67) 4-Bromophenyl-phenylether	16.055	248	102591	4.277	ng	# 1
77) Benzidine	19.939	184	146261	3.267	ng	# 93

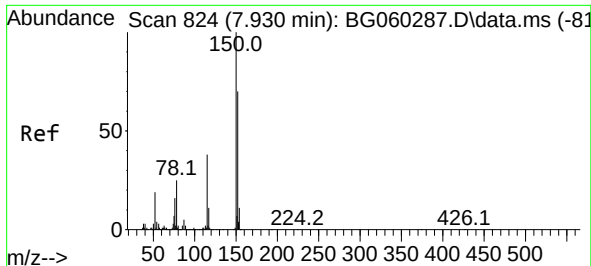
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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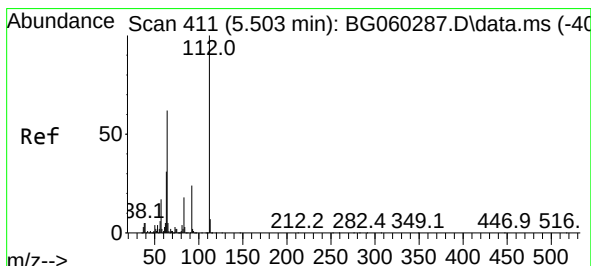
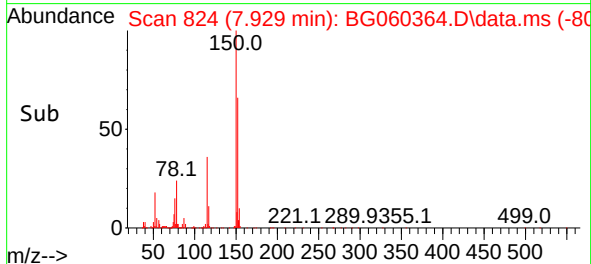
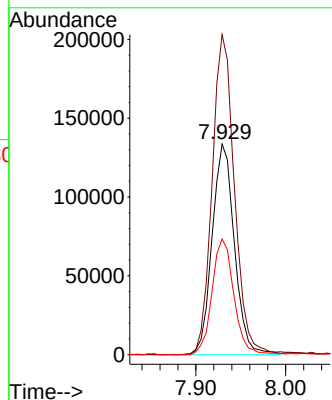
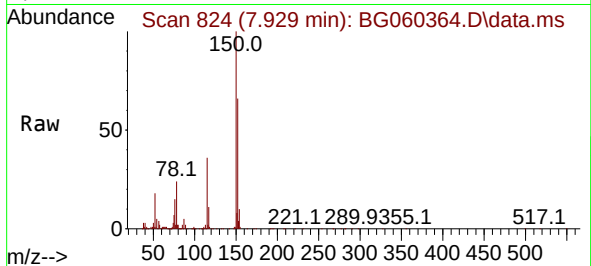




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

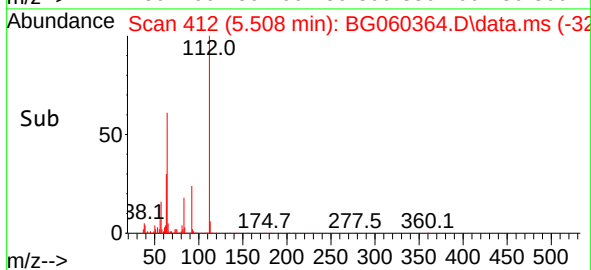
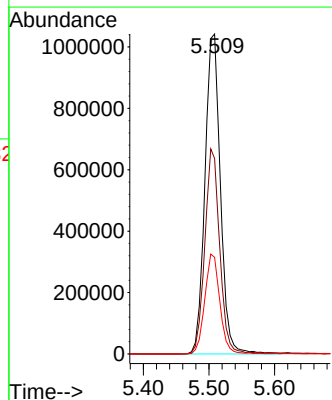
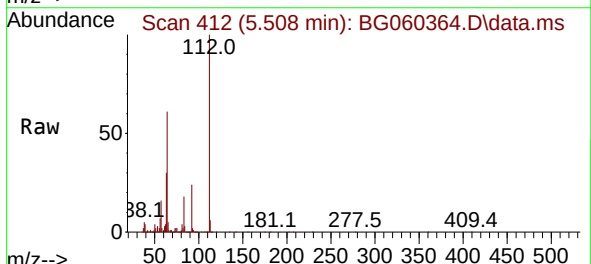
Instrument :
BNA_G
ClientSampleId :
PB158491BL

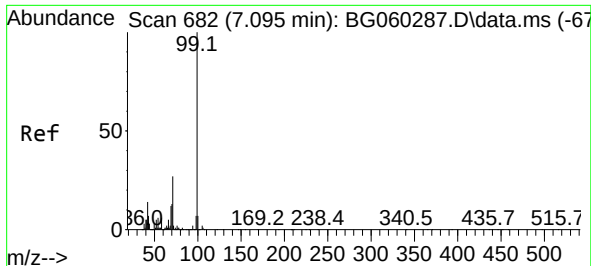
Tgt Ion:152 Resp: 230400
Ion Ratio Lower Upper
152 100
150 151.8 114.5 171.7
115 54.9 43.0 64.6



#5
2-Fluorophenol
Concen: 122.409 ng
RT: 5.508 min Scan# 412
Delta R.T. 0.005 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

Tgt Ion:112 Resp: 1714696
Ion Ratio Lower Upper
112 100
64 61.1 49.8 74.6
63 30.2 24.4 36.6



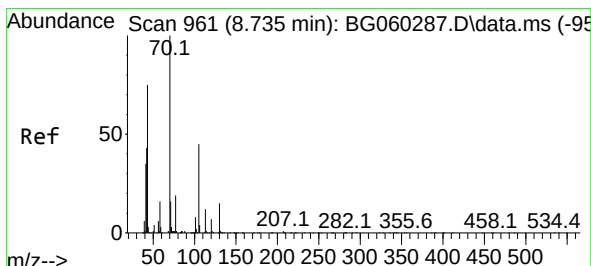
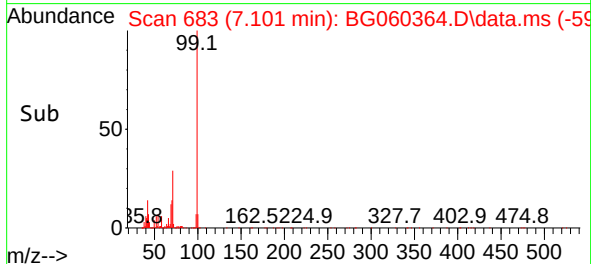
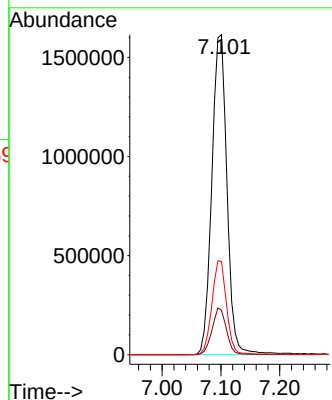
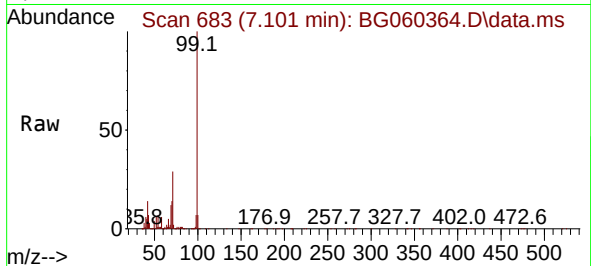


#7
Phenol-d6
Concen: 139.220 ng
RT: 7.101 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

Instrument :
BNA_G
ClientSampleId :
PB158491BL

Tgt Ion: 99 Resp: 2887762

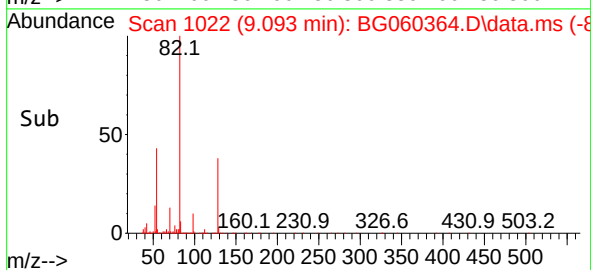
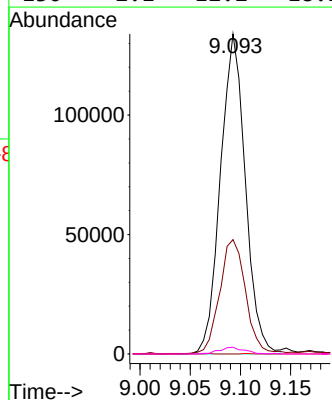
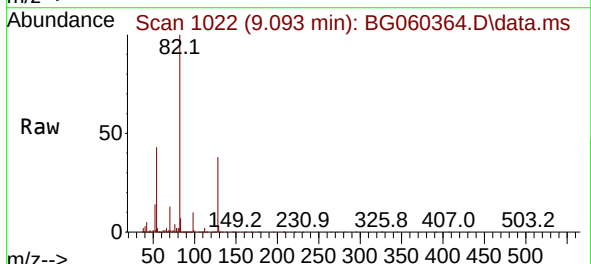
Ion	Ratio	Lower	Upper
99	100		
42	13.9	10.9	16.3
71	29.2	21.5	32.3

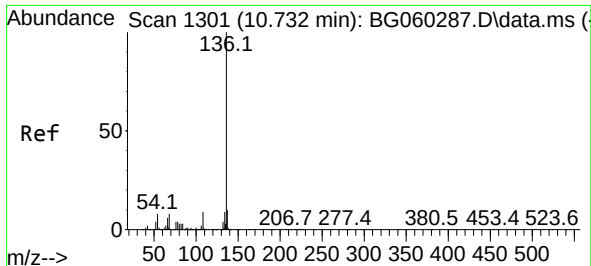


#19
n-Nitroso-di-n-propylamine
Concen: 16.069 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.358 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

Tgt Ion: 70 Resp: 230680

Ion	Ratio	Lower	Upper
70	100		
42	35.8	34.3	51.5
101	0.0	6.2	9.2#
130	2.1	12.2	18.2#

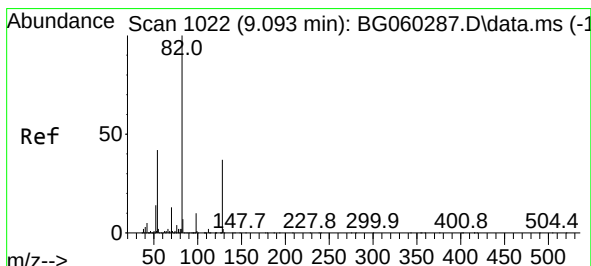
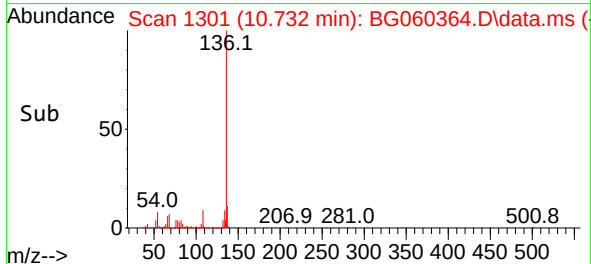
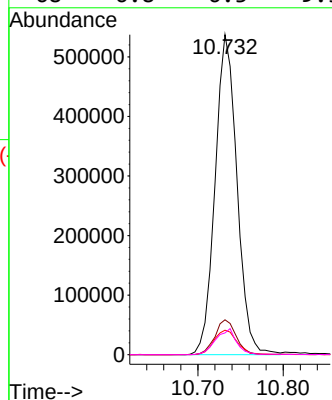
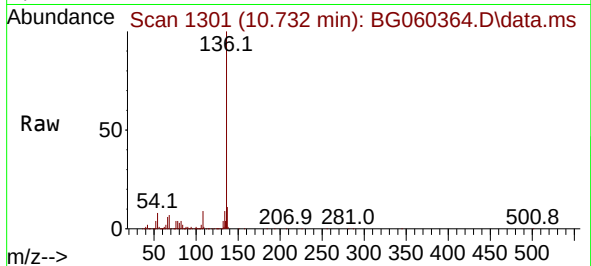




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

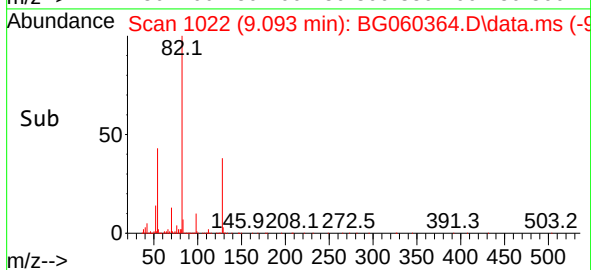
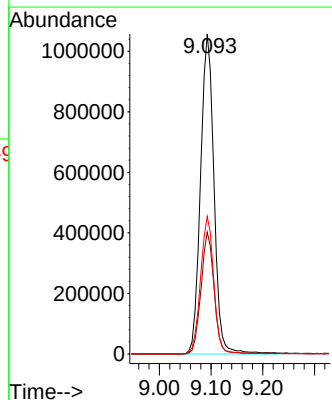
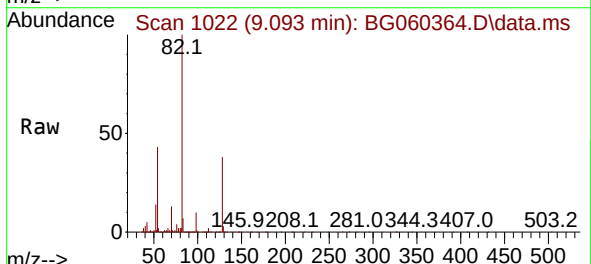
Instrument :
BNA_G
ClientSampleId :
PB158491BL

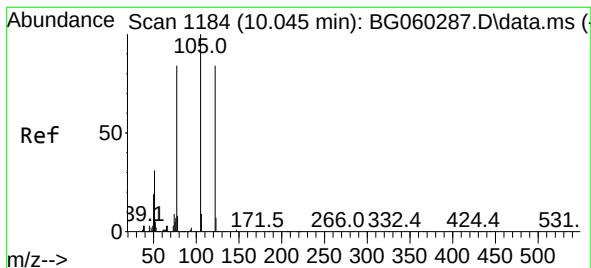
Tgt Ion:	136	Resp:	958857
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	7.6	6.2	9.2
68	6.8	6.3	9.5



#23
Nitrobenzene-d5
Concen: 94.151 ng
RT: 9.093 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

Tgt Ion:	82	Resp:	1911837
Ion	Ratio	Lower	Upper
82	100		
128	38.1	29.6	44.4
54	43.0	33.6	50.4





#32

Benzoic acid

Concen: 10.216 ng

RT: 10.021 min Scan# 1184

Delta R.T. -0.024 min

Lab File: BG060364.D

Acq: 19 Jan 2024 10:43

Instrument :

BNA_G

ClientSampleId :

PB158491BL

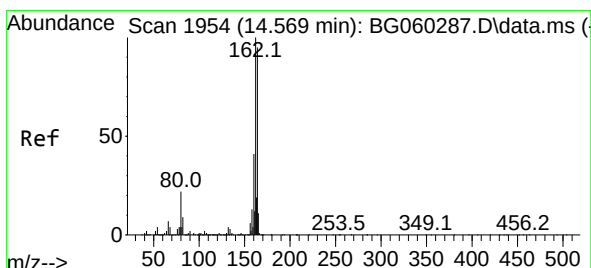
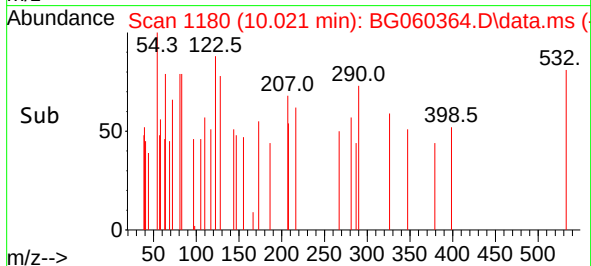
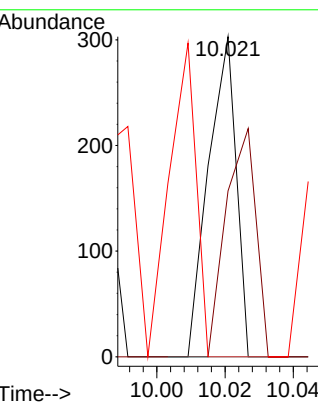
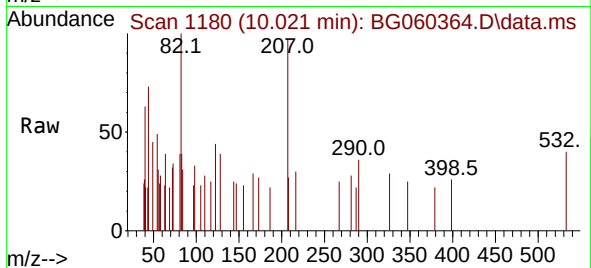
Tgt Ion:122 Resp: 171

Ion Ratio Lower Upper

122 100

105 51.8 96.0 136.0#

77 0.0 80.1 120.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1954

Delta R.T. -0.000 min

Lab File: BG060364.D

Acq: 19 Jan 2024 10:43

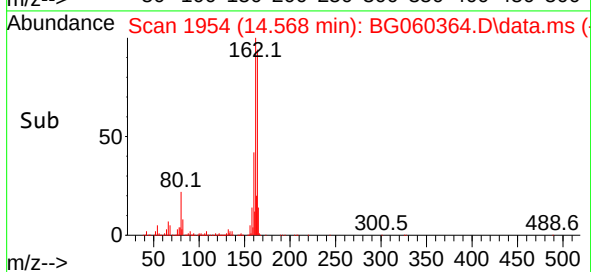
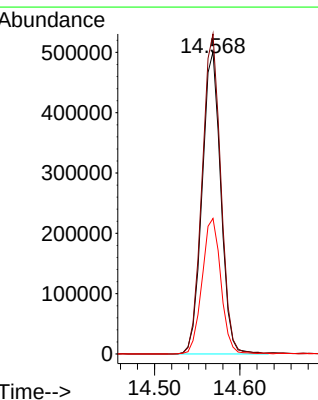
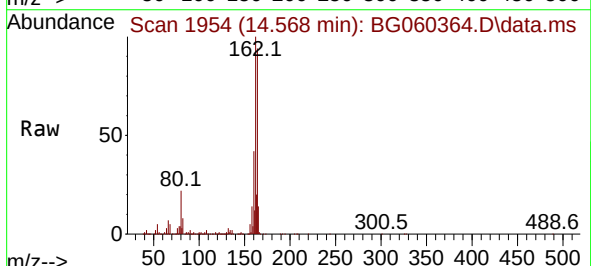
Tgt Ion:164 Resp: 760001

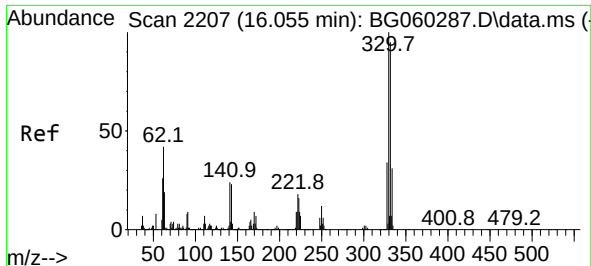
Ion Ratio Lower Upper

164 100

162 105.9 84.4 126.6

160 44.9 34.6 52.0

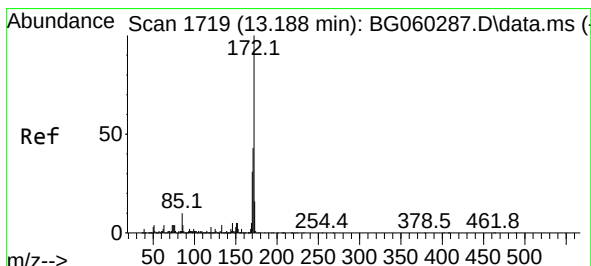
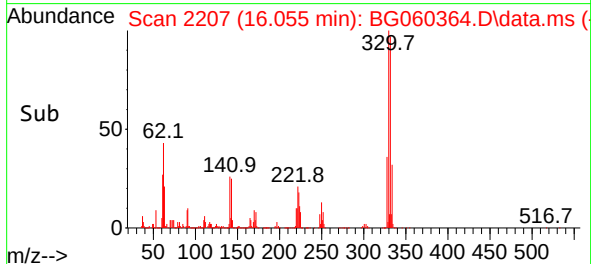
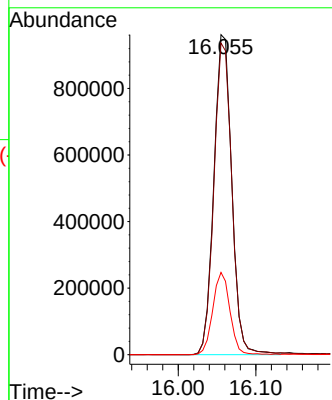
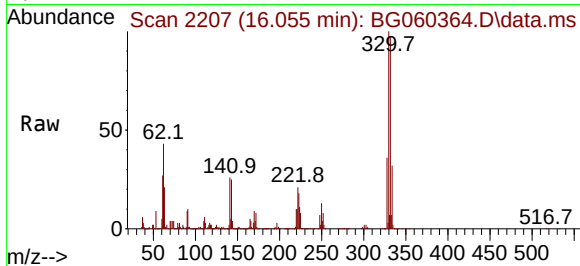




#42
2,4,6-Tribromophenol
Concen: 137.895 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

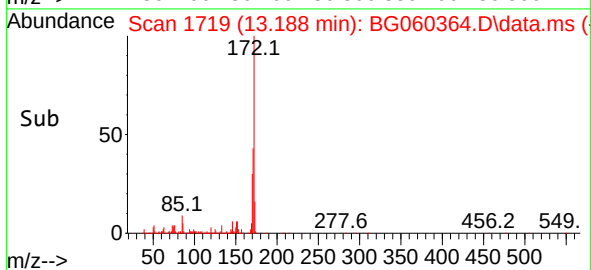
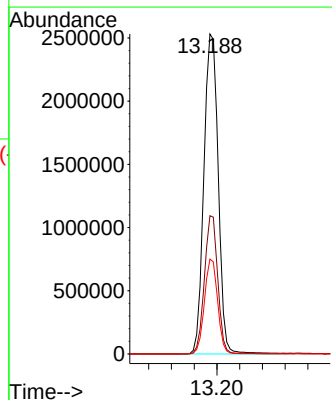
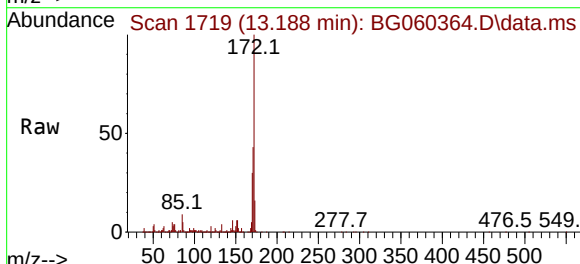
Instrument :
BNA_G
ClientSampleId :
PB158491BL

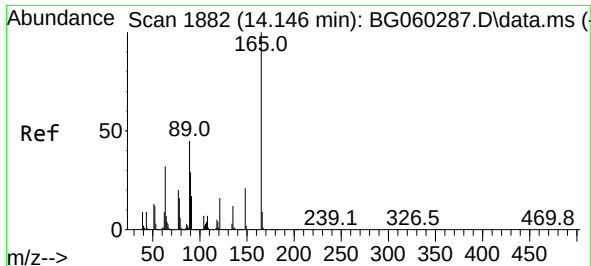
Tgt Ion:330 Resp: 1541912
Ion Ratio Lower Upper
330 100
332 98.3 76.7 115.1
141 24.8 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 81.080 ng
RT: 13.188 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

Tgt Ion:172 Resp: 4432134
Ion Ratio Lower Upper
172 100
171 43.2 34.6 51.8
170 29.6 24.4 36.6

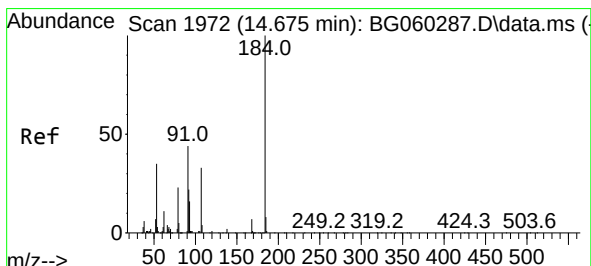
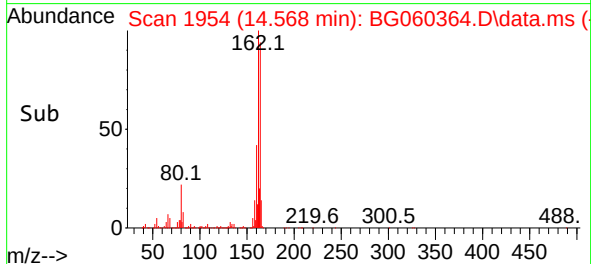
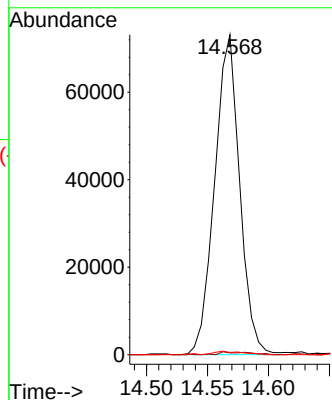
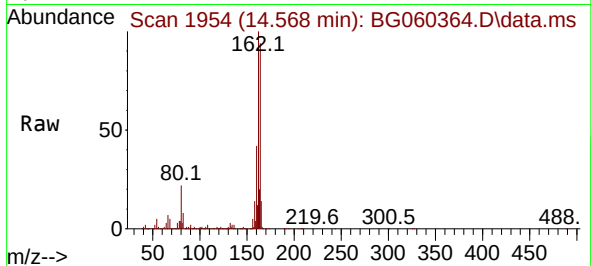




#51
2,6-Dinitrotoluene
Concen: 8.429 ng
RT: 14.568 min Scan# 1954
Delta R.T. 0.422 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

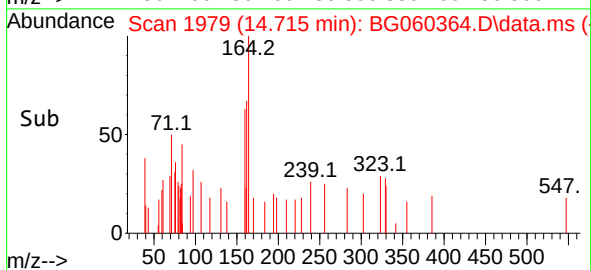
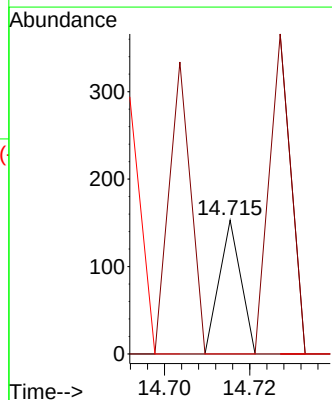
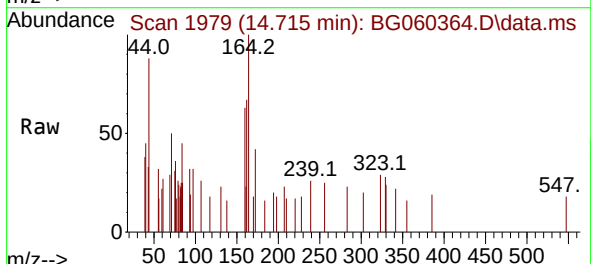
Instrument :
BNA_G
ClientSampleId :
PB158491BL

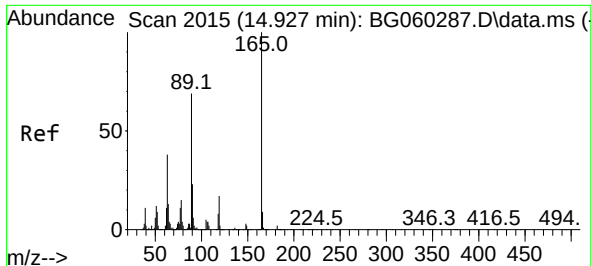
Tgt Ion:165 Resp: 104461
Ion Ratio Lower Upper
165 100
63 0.5 35.0 52.4#
89 0.7 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.593 ng
RT: 14.715 min Scan# 1979
Delta R.T. 0.040 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

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: 6.147 ng

RT: 14.568 min Scan# 1954

Delta R.T. -0.359 min

Lab File: BG060364.D

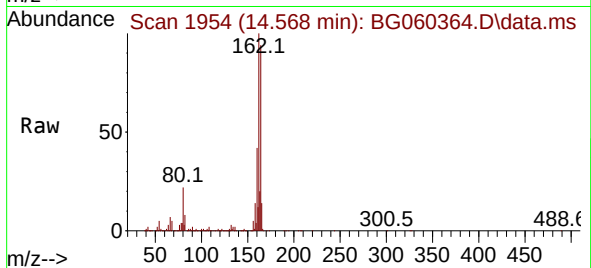
Acq: 19 Jan 2024 10:43

Instrument :

BNA_G

ClientSampleId :

PB158491BL



Tgt Ion:165 Resp: 104461

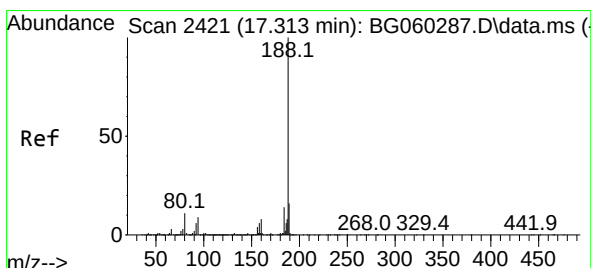
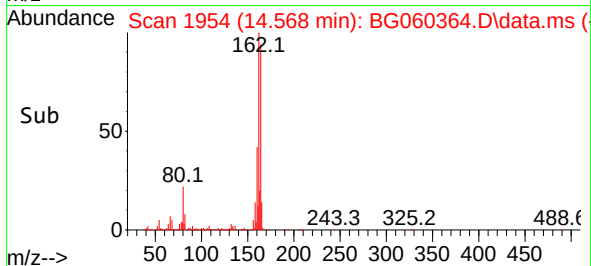
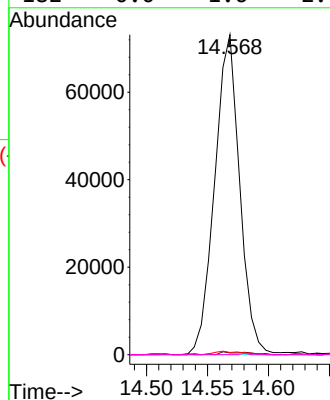
Ion Ratio Lower Upper

165 100

63 0.5 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: 17.312 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BG060364.D

Acq: 19 Jan 2024 10:43

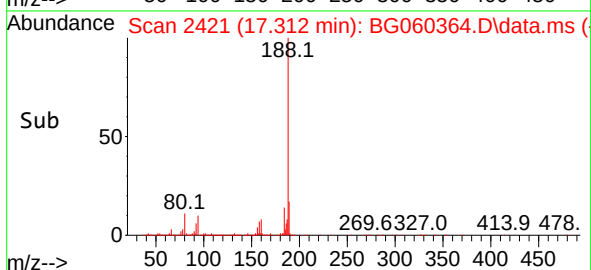
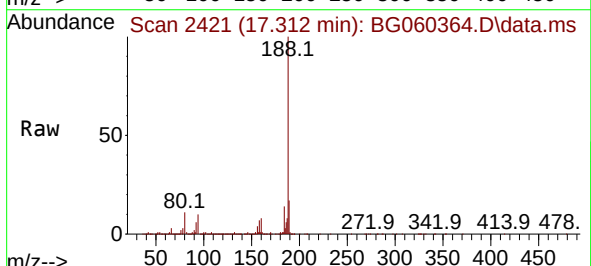
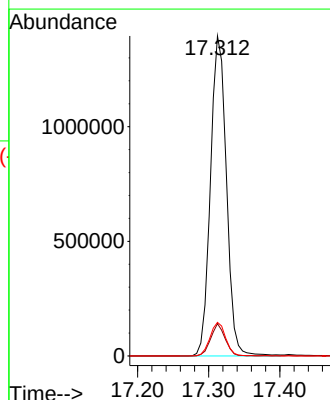
Tgt Ion:188 Resp: 2182853

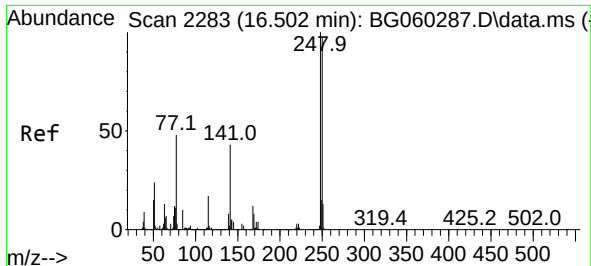
Ion Ratio Lower Upper

188 100

94 10.1 7.1 10.7

80 10.5 8.5 12.7

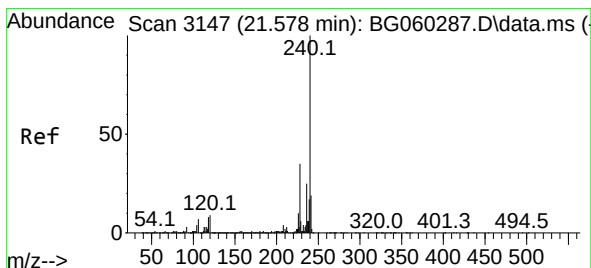
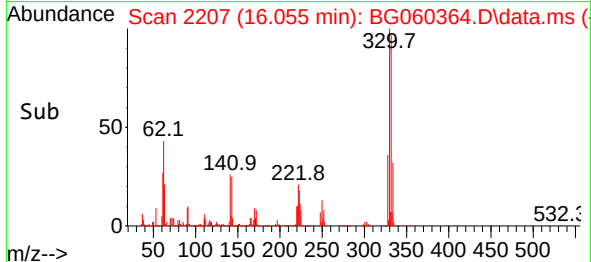
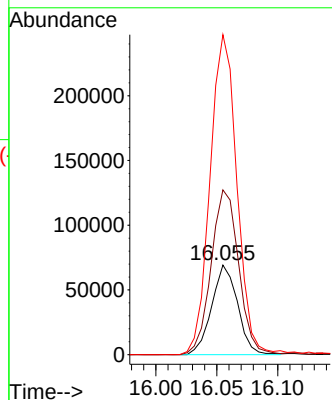
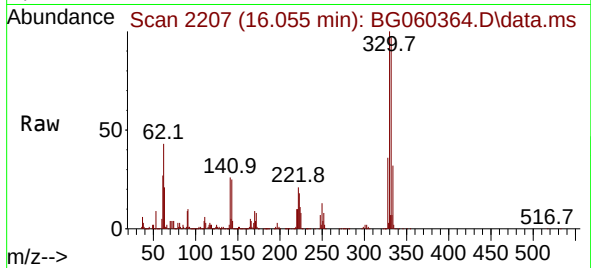




#67
4-Bromophenyl-phenylether
Concen: 4.277 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

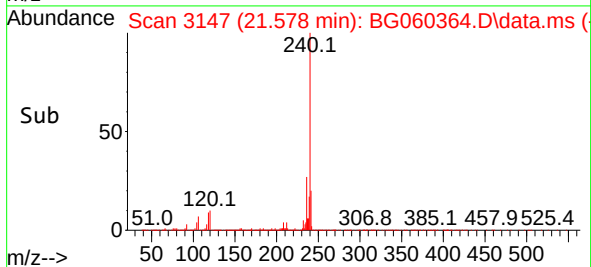
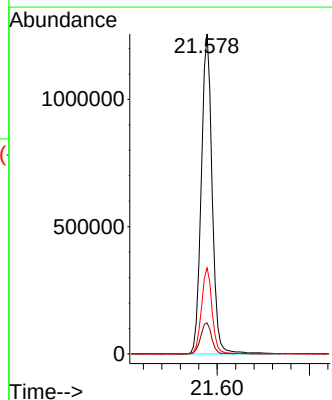
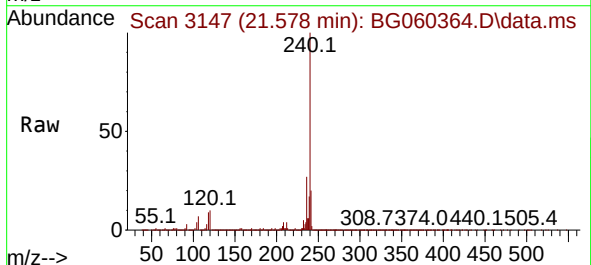
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BNA_G
ClientSampleId :
PB158491BL

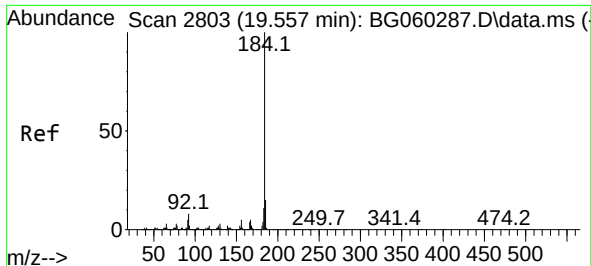
Tgt Ion:248 Resp: 102591
Ion Ratio Lower Upper
248 100
250 184.1 77.6 116.4#
141 357.4 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

Tgt Ion:240 Resp: 2060804
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 26.9 20.3 30.5

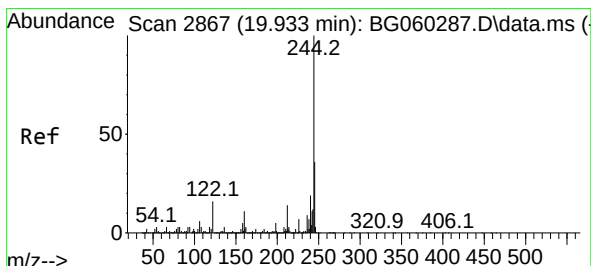
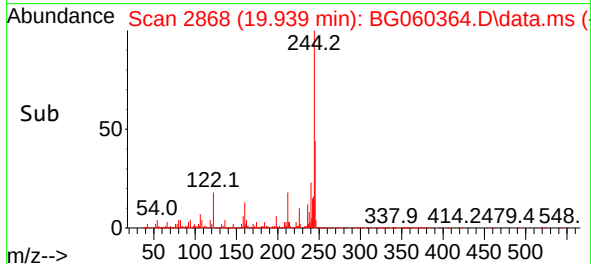
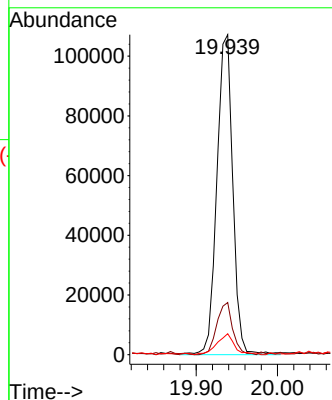
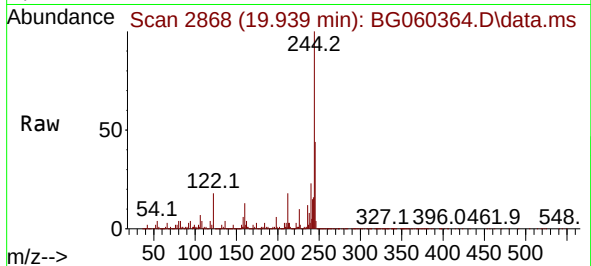




#77
Benzidine
Concen: 3.267 ng
RT: 19.939 min Scan# 2803
Delta R.T. 0.382 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

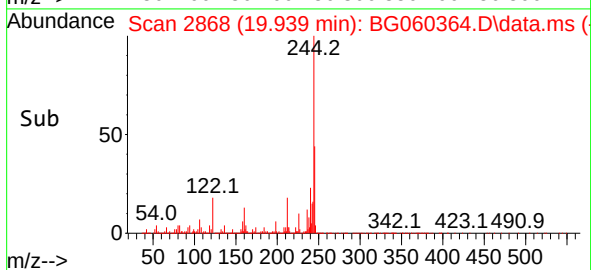
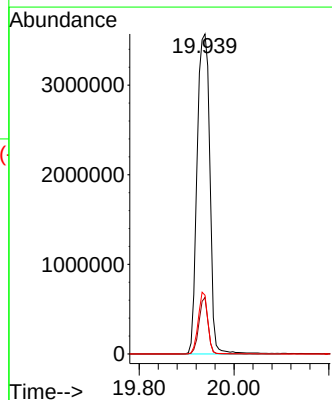
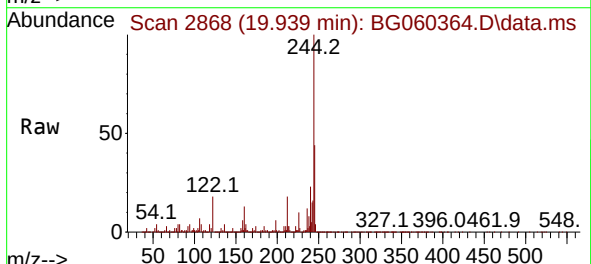
Instrument :
BNA_G
ClientSampleId :
PB158491BL

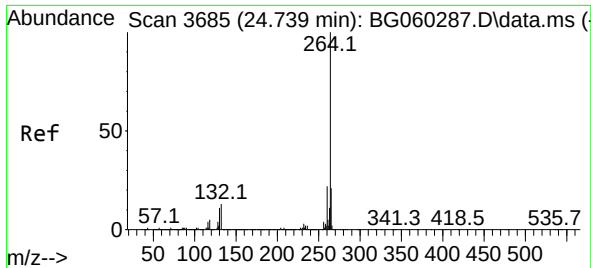
Tgt Ion:184 Resp: 146261
Ion Ratio Lower Upper
184 100
185 16.3 12.2 18.4
183 6.6 9.0 13.4#



#79
Terphenyl-d14
Concen: 79.218 ng
RT: 19.939 min Scan# 2868
Delta R.T. 0.006 min
Lab File: BG060364.D
Acq: 19 Jan 2024 10:43

Tgt Ion:244 Resp: 6640289
Ion Ratio Lower Upper
244 100
212 17.7 10.9 16.3#
122 18.4 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: BG060364.D
Acq: 19 Jan 2024 10:43

Instrument :
BNA_G
ClientSampleId :
PB158491BL

Tgt Ion:264 Resp: 2227442

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.8	26.6
265	21.0	16.8	25.2

