

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
 Data File : BG060351.D
 Acq On : 18 Jan 2024 14:03
 Operator : MA/JU
 Sample : PB158482BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158482BL

Quant Time: Jan 18 14:42:34 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)

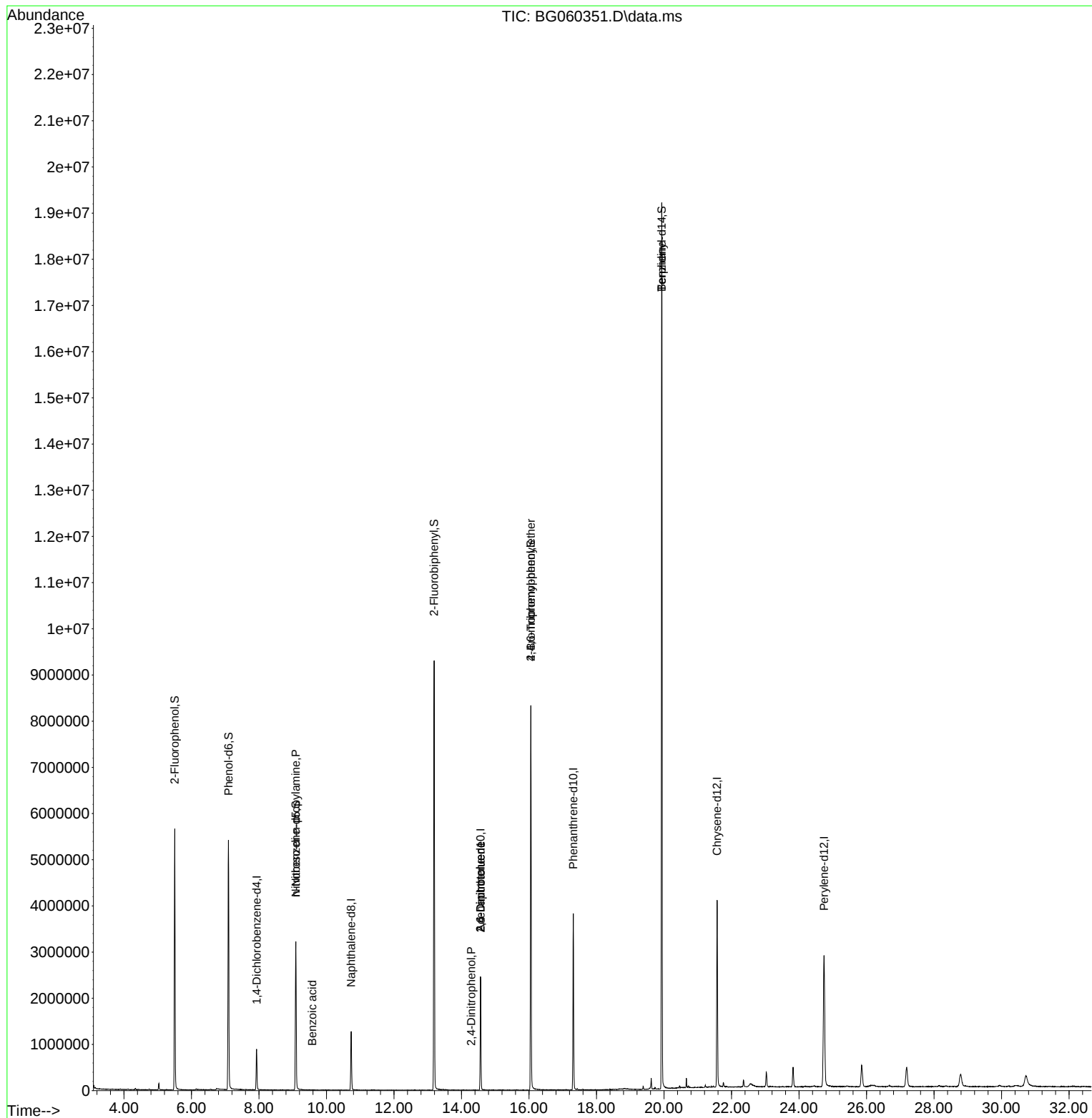
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	277209	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	1129780	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	882529	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	2504177	20.000	ng	0.00
76) Chrysene-d12	21.572	240	2559972	20.000	ng	0.00
86) Perylene-d12	24.739	264	2793382	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	2556700	151.699	ng	0.00
7) Phenol-d6	7.095	99	3636901	145.729	ng	0.00
23) Nitrobenzene-d5	9.093	82	2246589	93.898	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	1819728	140.146	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	5022257	79.119	ng	0.00
79) Terphenyl-d14	19.933	244	7174787	64.560	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.093	70	278158	16.104	ng	# 85
32) Benzoic acid	9.580	122	80	10.207	ng	85
51) 2,6-Dinitrotoluene	14.563	165	117672	8.177	ng	# 34
54) 2,4-Dinitrophenol	14.286	184	133	8.600	ng	93
57) 2,4-Dinitrotoluene	14.563	165	117672	5.963	ng	# 26
67) 4-Bromophenyl-phenylether	16.055	248	113529	4.126	ng	# 1
77) Benzidine	19.933	184	176223	3.169	ng	# 95

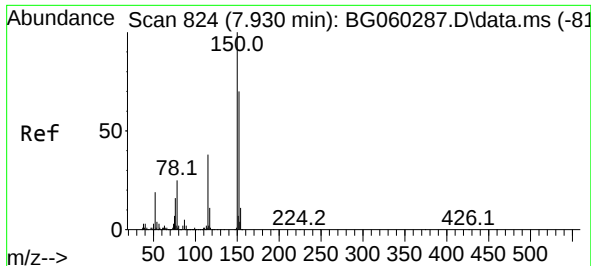
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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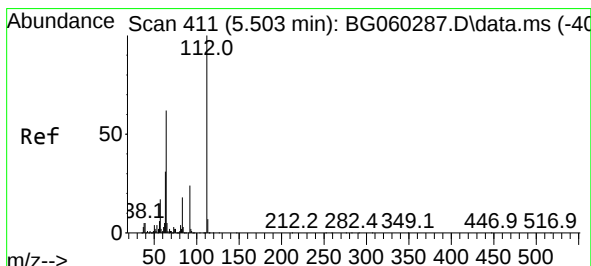
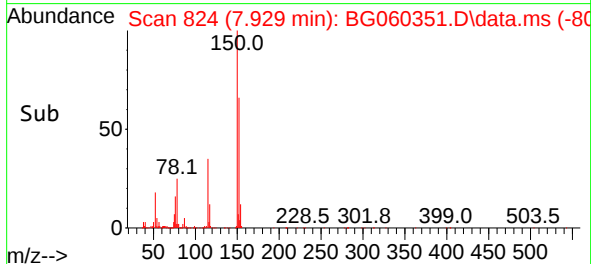
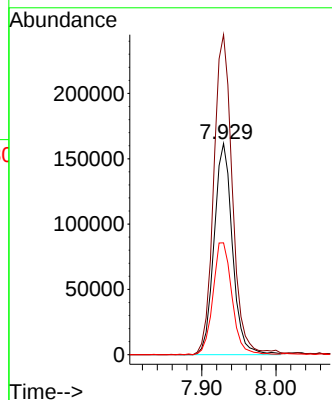
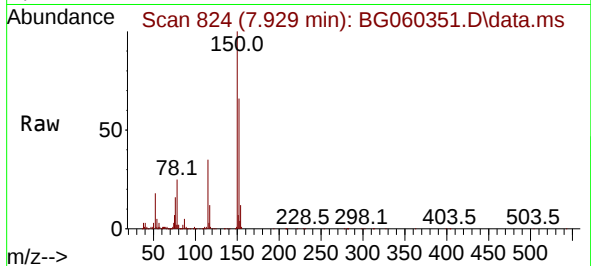




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060351.D
Acq: 18 Jan 2024 14:03

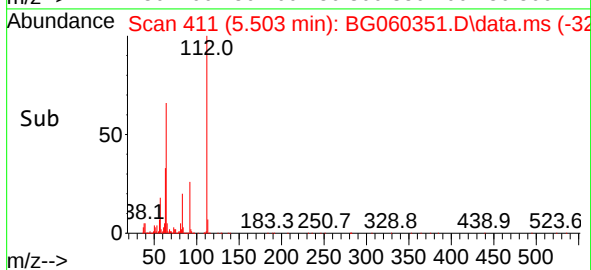
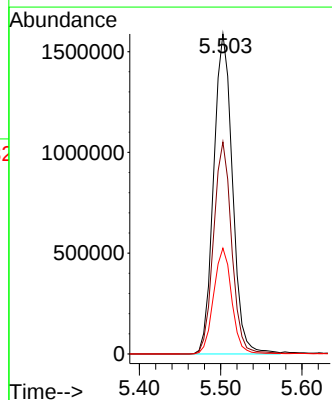
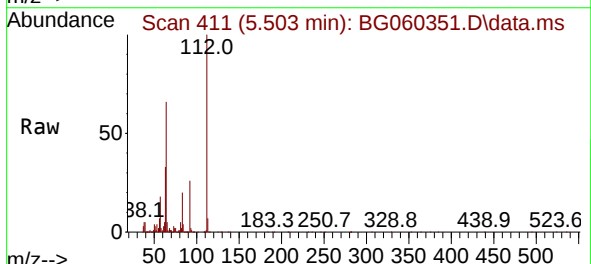
Instrument :
BNA_G
ClientSampleId :
PB158482BL

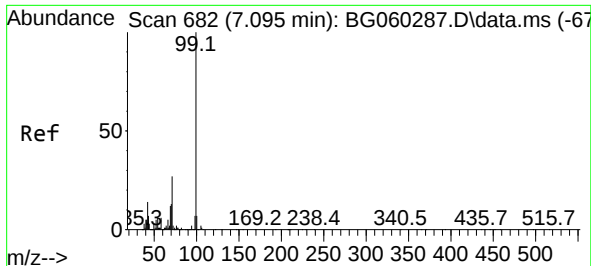
Tgt Ion:152 Resp: 277209
Ion Ratio Lower Upper
152 100
150 151.5 114.5 171.7
115 53.0 43.0 64.6



#5
2-Fluorophenol
Concen: 151.699 ng
RT: 5.503 min Scan# 411
Delta R.T. -0.000 min
Lab File: BG060351.D
Acq: 18 Jan 2024 14:03

Tgt Ion:112 Resp: 2556700
Ion Ratio Lower Upper
112 100
64 66.3 49.8 74.6
63 33.1 24.4 36.6

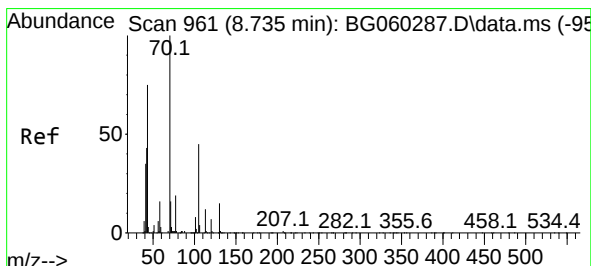
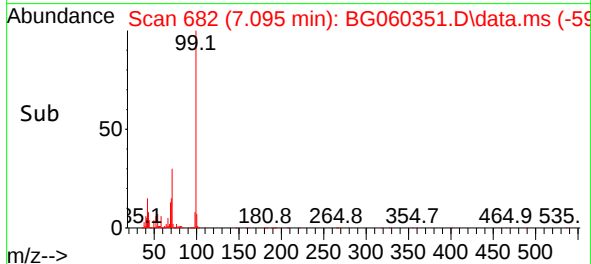
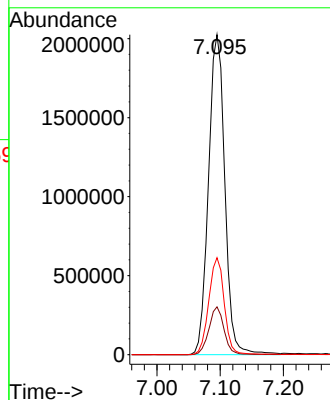
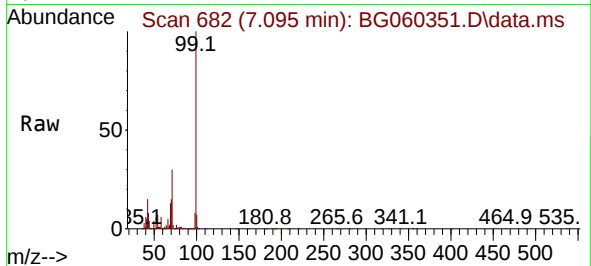




#7
Phenol-d6
Concen: 145.729 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG060351.D
Acq: 18 Jan 2024 14:03

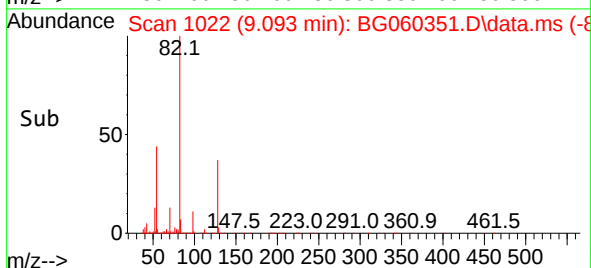
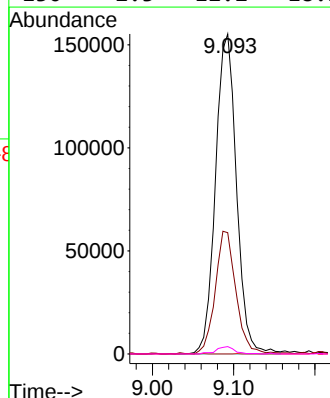
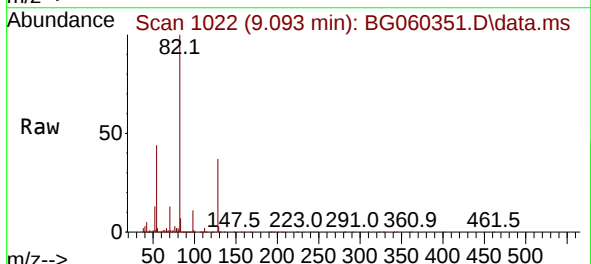
Instrument :
BNA_G
ClientSampleId :
PB158482BL

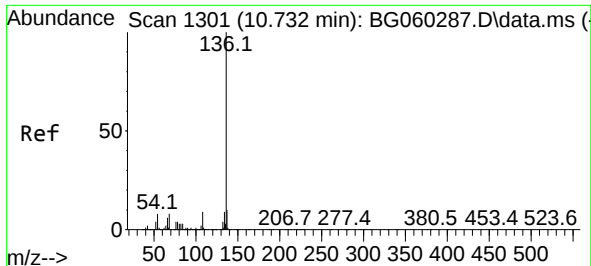
Tgt Ion: 99 Resp: 3636901
Ion Ratio Lower Upper
99 100
42 15.0 10.9 16.3
71 30.3 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.104 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.358 min
Lab File: BG060351.D
Acq: 18 Jan 2024 14:03

Tgt Ion: 70 Resp: 278158
Ion Ratio Lower Upper
70 100
42 37.9 34.3 51.5
101 0.0 6.2 9.2#
130 2.3 12.2 18.2#

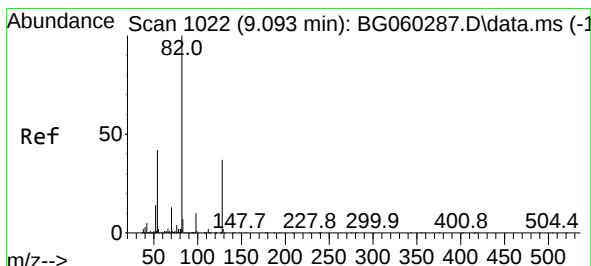
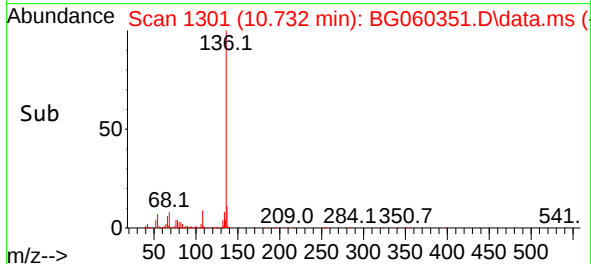
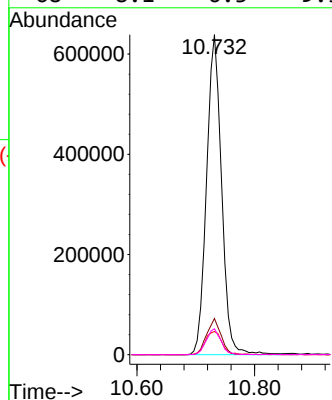
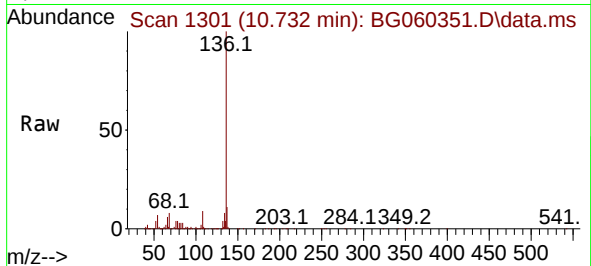




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BG060351.D
Acq: 18 Jan 2024 14:03

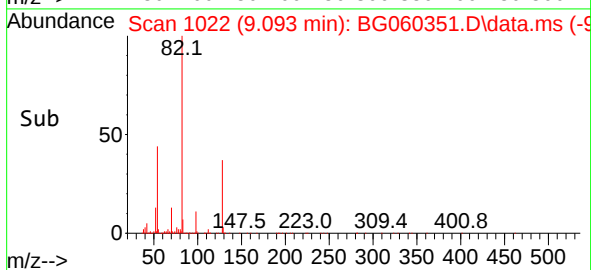
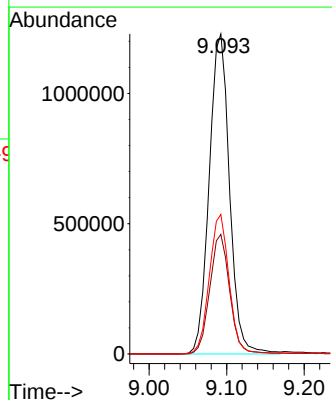
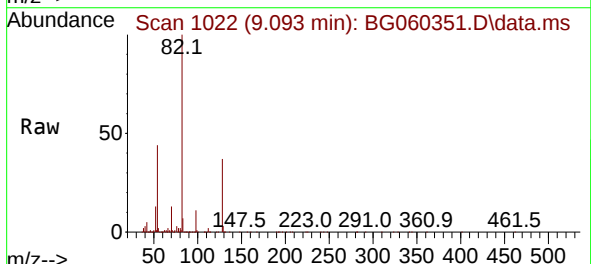
Instrument :
BNA_G
ClientSampleId :
PB158482BL

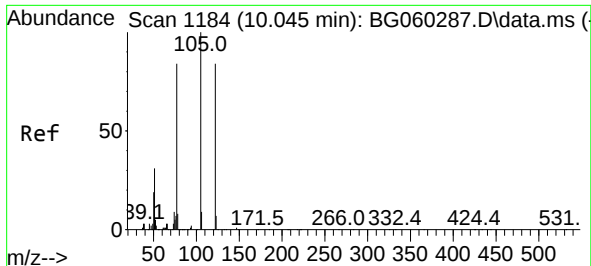
Tgt Ion:136 Resp: 1129780
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.4
54 7.2 6.2 9.2
68 8.1 6.3 9.5



#23
Nitrobenzene-d5
Concen: 93.898 ng
RT: 9.093 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BG060351.D
Acq: 18 Jan 2024 14:03

Tgt Ion: 82 Resp: 2246589
Ion Ratio Lower Upper
82 100
128 37.3 29.6 44.4
54 43.6 33.6 50.4

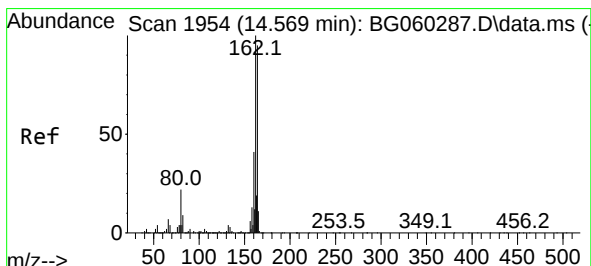
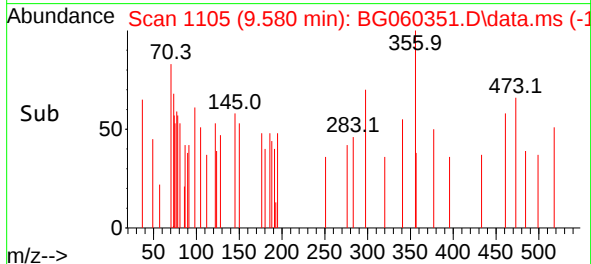
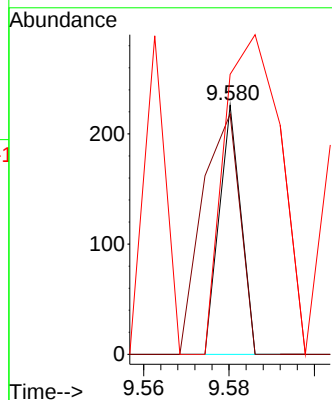
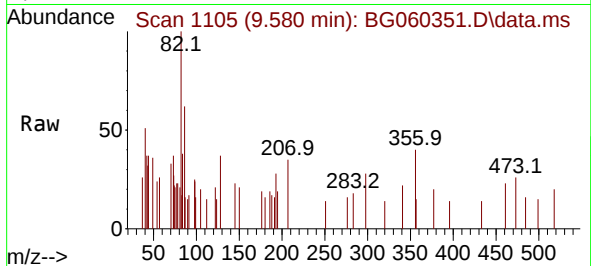




#32
Benzoic acid
Concen: 10.207 ng
RT: 9.580 min Scan# 1184
Delta R.T. -0.465 min
Lab File: BG060351.D
Acq: 18 Jan 2024 14:03

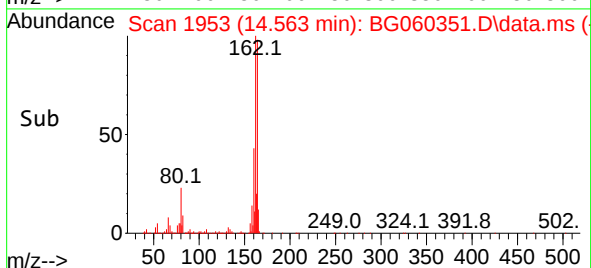
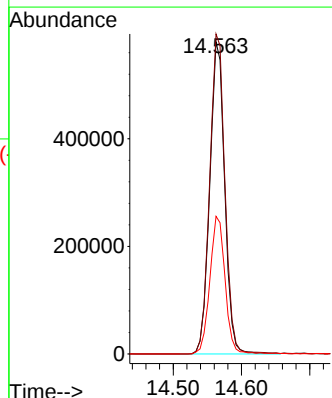
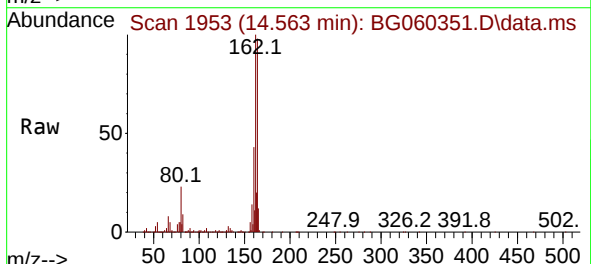
Instrument :
BNA_G
ClientSampleId :
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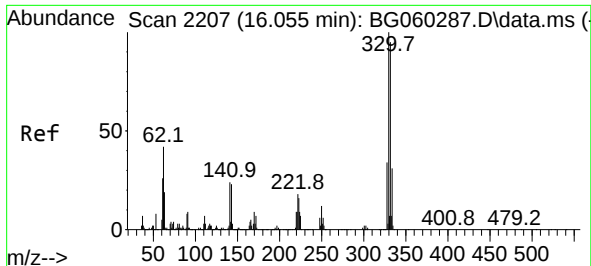
Tgt Ion:122 Resp: 80
Ion Ratio Lower Upper
122 100
105 96.5 96.0 136.0
77 112.4 80.1 120.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG060351.D
Acq: 18 Jan 2024 14:03

Tgt Ion:164 Resp: 882529
Ion Ratio Lower Upper
164 100
162 102.5 84.4 126.6
160 44.1 34.6 52.0

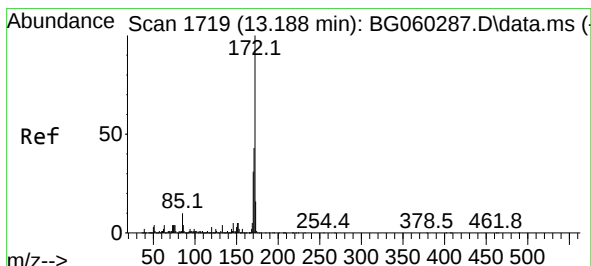
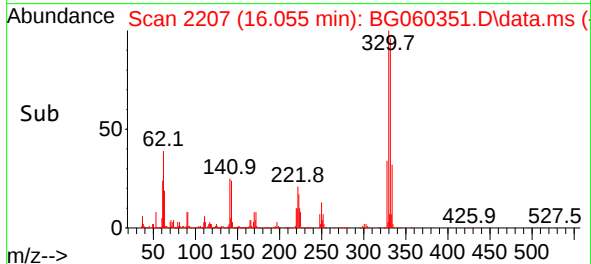
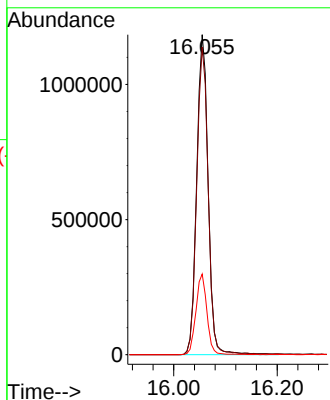
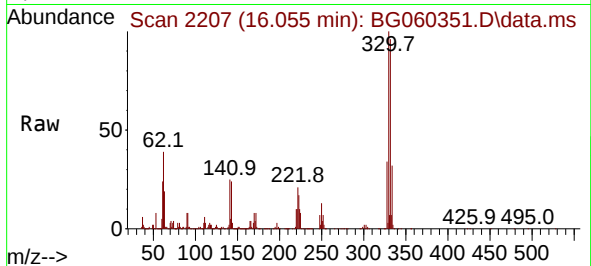




#42
2,4,6-Tribromophenol
Concen: 140.146 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060351.D
Acq: 18 Jan 2024 14:03

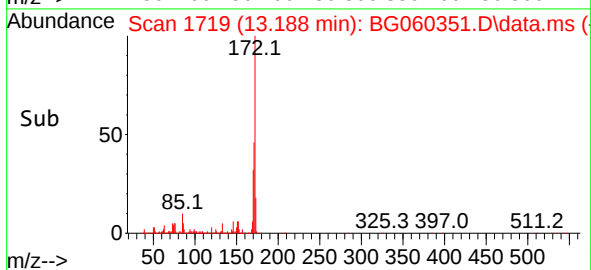
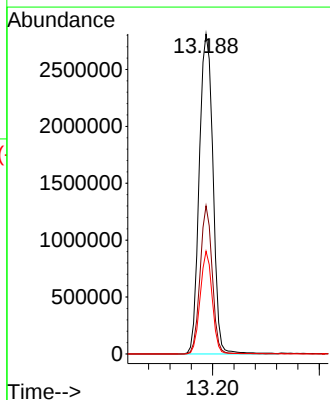
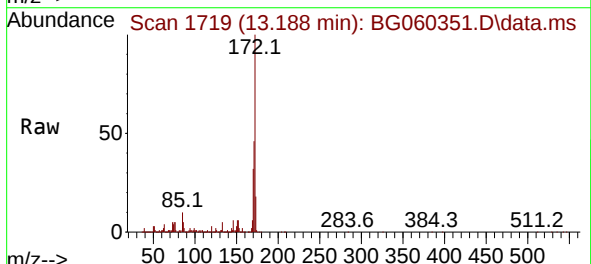
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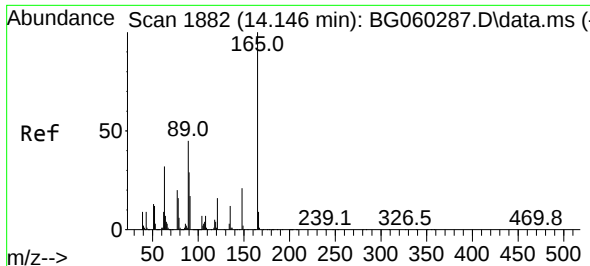
Tgt Ion:330 Resp: 1819728
Ion Ratio Lower Upper
330 100
332 95.6 76.7 115.1
141 24.3 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 79.119 ng
RT: 13.188 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BG060351.D
Acq: 18 Jan 2024 14:03

Tgt Ion:172 Resp: 5022257
Ion Ratio Lower Upper
172 100
171 46.3 34.6 51.8
170 32.1 24.4 36.6

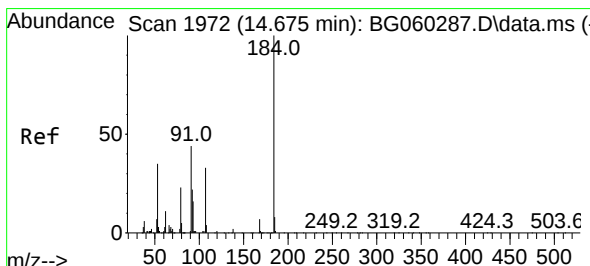
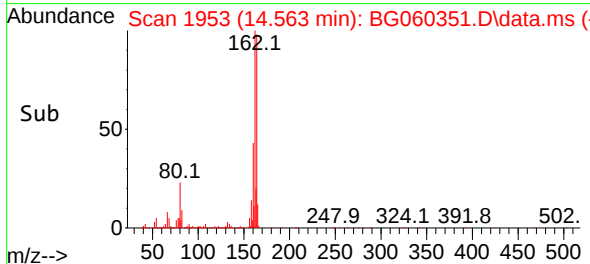
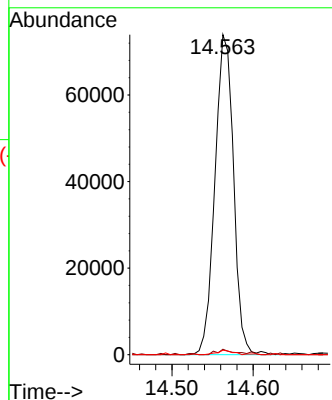
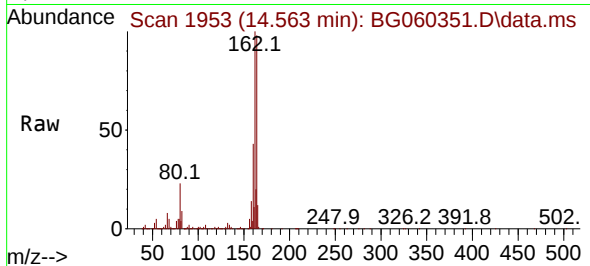




#51
2,6-Dinitrotoluene
Concen: 8.177 ng
RT: 14.563 min Scan# 1906
Delta R.T. 0.417 min
Lab File: BG060351.D
Acq: 18 Jan 2024 14:03

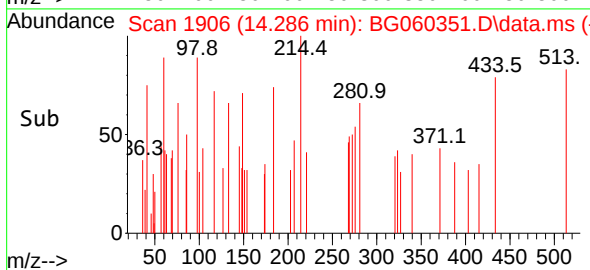
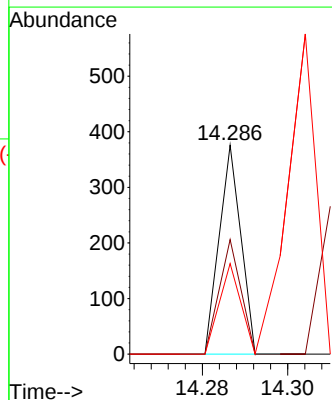
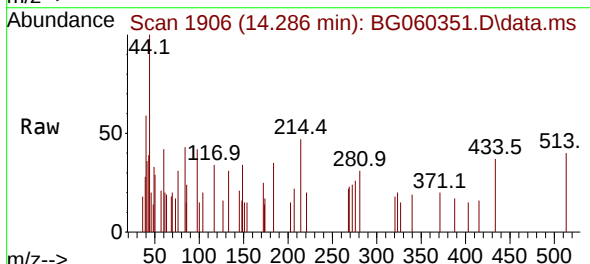
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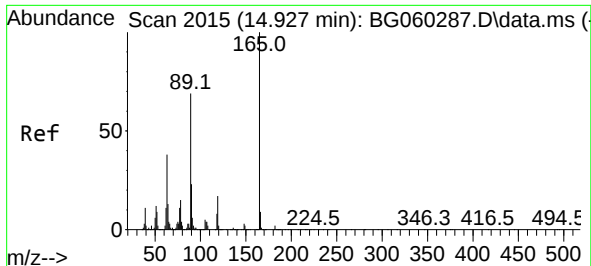
Tgt Ion:165 Resp: 117672
Ion Ratio Lower Upper
165 100
63 1.7 35.0 52.4#
89 1.4 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.600 ng
RT: 14.286 min Scan# 1906
Delta R.T. -0.389 min
Lab File: BG060351.D
Acq: 18 Jan 2024 14:03

Tgt Ion:184 Resp: 133
Ion Ratio Lower Upper
184 100
63 54.8 41.0 61.4
154 43.4 39.2 58.8





#57

2,4-Dinitrotoluene

Concen: 5.963 ng

RT: 14.563 min Scan# 1953

Delta R.T. -0.365 min

Lab File: BG060351.D

Acq: 18 Jan 2024 14:03

Instrument :

BNA_G

ClientSampleId :

PB158482BL

Tgt Ion:165 Resp: 117672

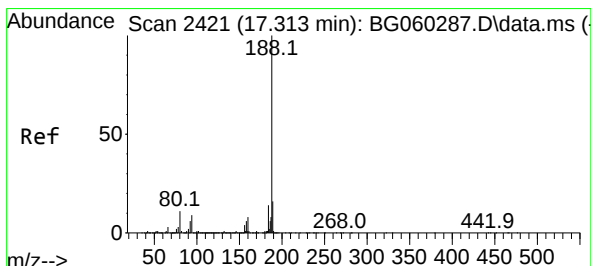
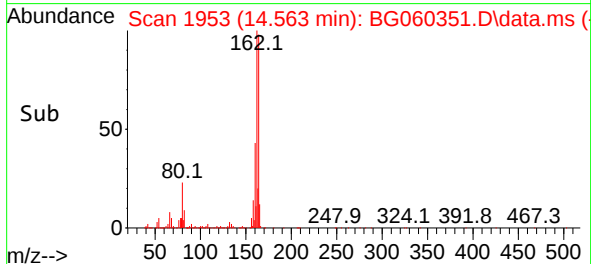
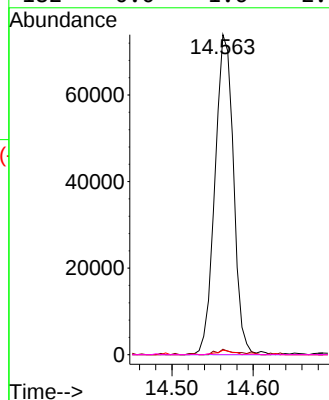
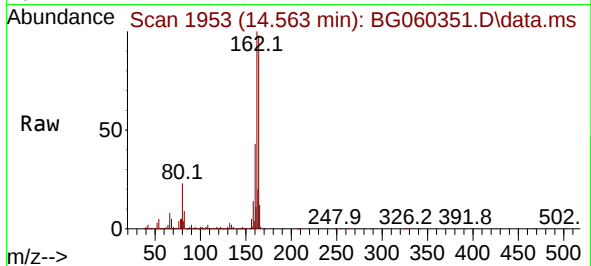
Ion Ratio Lower Upper

165 100

63 1.7 30.4 45.6#

89 1.4 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: BG060351.D

Acq: 18 Jan 2024 14:03

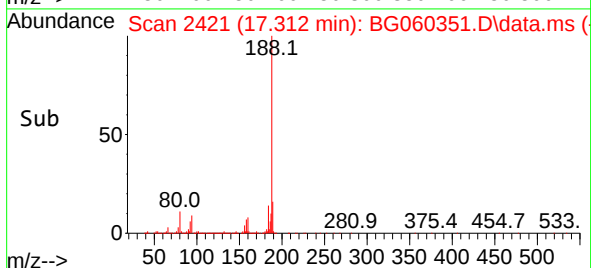
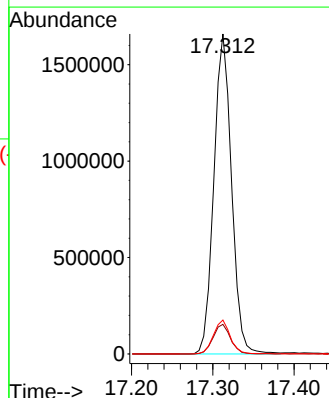
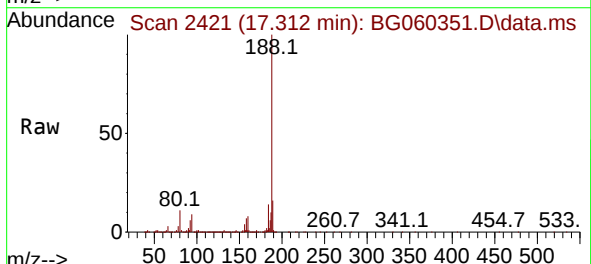
Tgt Ion:188 Resp: 2504177

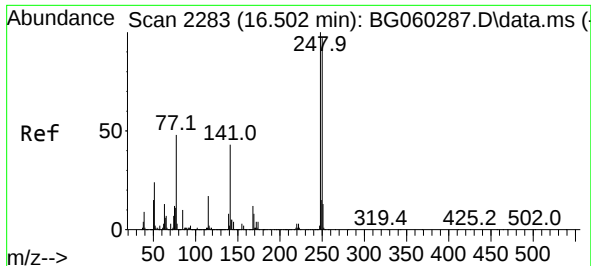
Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

80 10.6 8.5 12.7

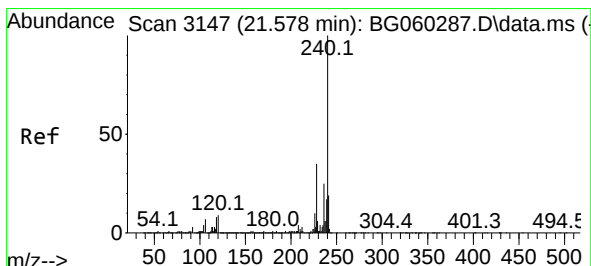
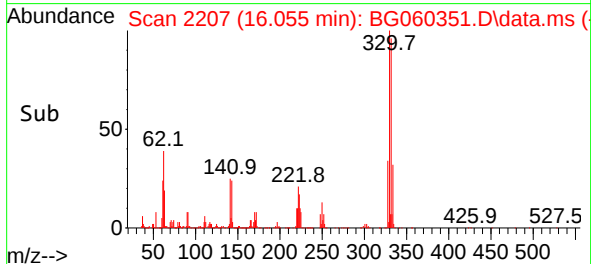
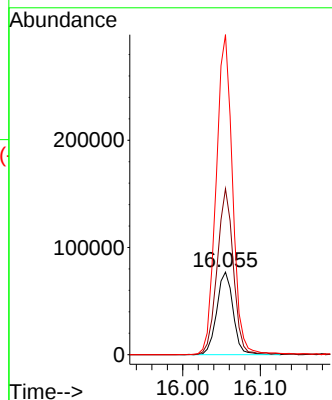
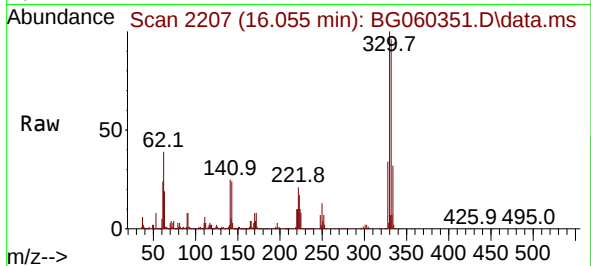




#67
4-Bromophenyl-phenylether
Concen: 4.126 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060351.D
Acq: 18 Jan 2024 14:03

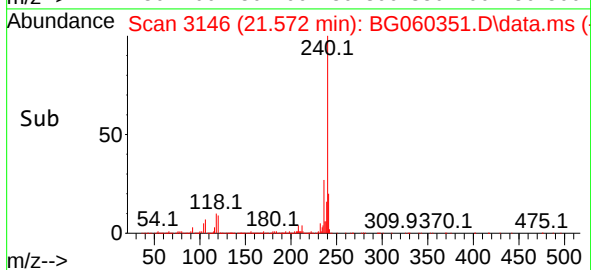
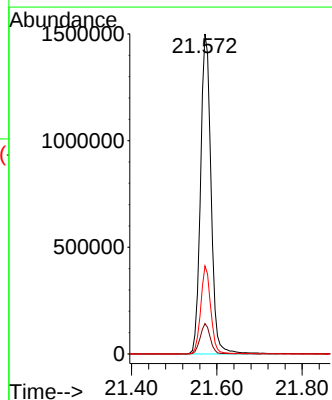
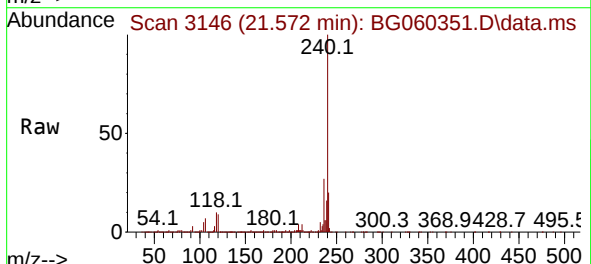
Instrument :
BNA_G
ClientSampleId :
PB158482BL

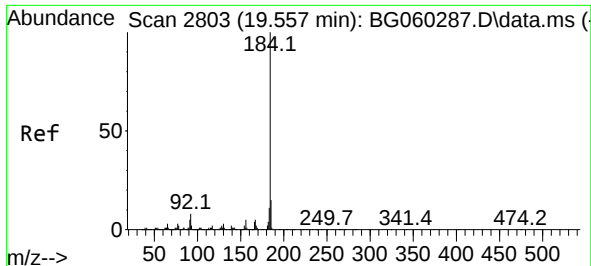
Tgt Ion:248 Resp: 113529
Ion Ratio Lower Upper
248 100
250 200.9 77.6 116.4#
141 387.6 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG060351.D
Acq: 18 Jan 2024 14:03

Tgt Ion:240 Resp: 2559972
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 27.5 20.3 30.5

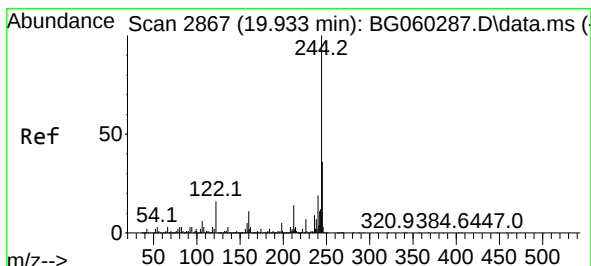
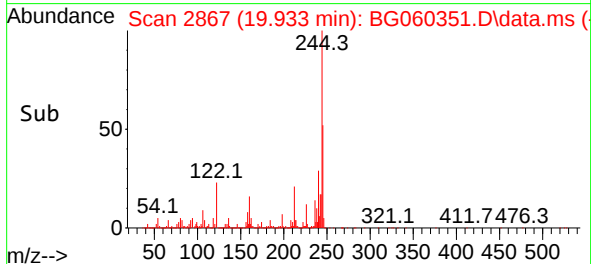
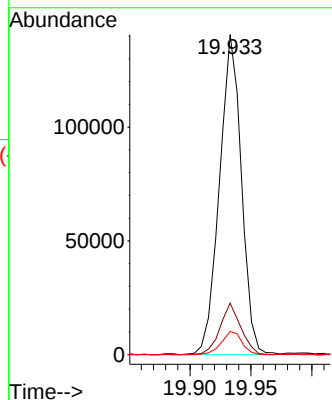
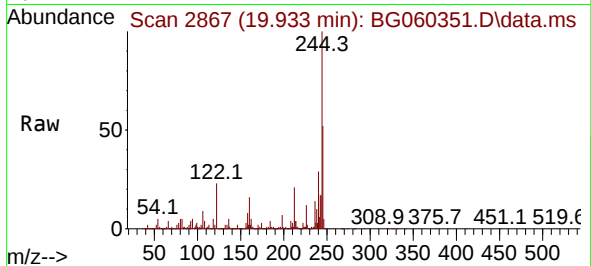




#77
Benzidine
Concen: 3.169 ng
RT: 19.933 min Scan# 2867
Delta R.T. 0.376 min
Lab File: BG060351.D
Acq: 18 Jan 2024 14:03

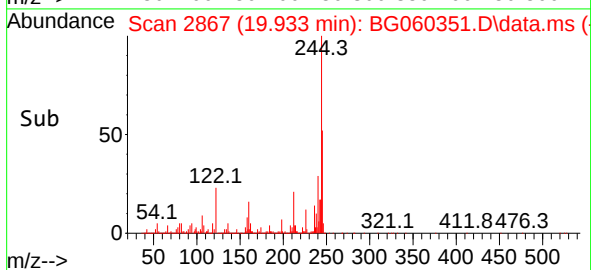
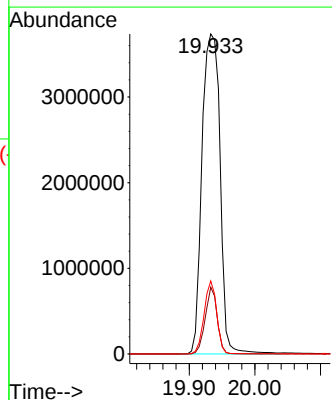
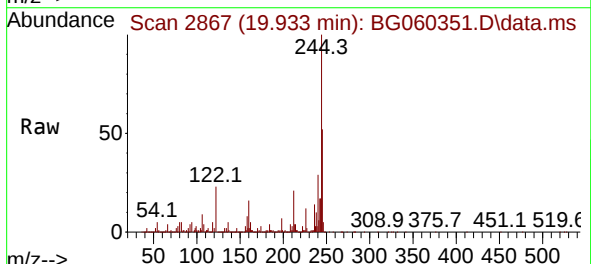
Instrument :
BNA_G
ClientSampleId :
PB158482BL

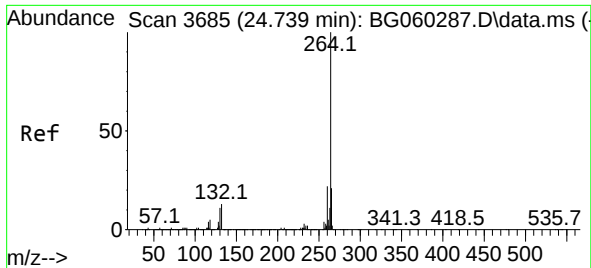
Tgt Ion:184 Resp: 176223
Ion Ratio Lower Upper
184 100
185 16.1 12.2 18.4
183 7.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 64.560 ng
RT: 19.933 min Scan# 2867
Delta R.T. -0.000 min
Lab File: BG060351.D
Acq: 18 Jan 2024 14:03

Tgt Ion:244 Resp: 7174787
Ion Ratio Lower Upper
244 100
212 20.9 10.9 16.3#
122 22.8 12.6 18.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.739 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BG060351.D
 Acq: 18 Jan 2024 14:03

Instrument :
 BNA_G
 ClientSampleId :
 PB158482BL

Tgt Ion:264 Resp: 2793382

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.8	26.6
265	22.3	16.8	25.2

