

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012424\
 Data File : BG060414.D
 Acq On : 24 Jan 2024 14:10
 Operator : MA/JU
 Sample : PB158578BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158578BL

Quant Time: Jan 24 15:08:09 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)

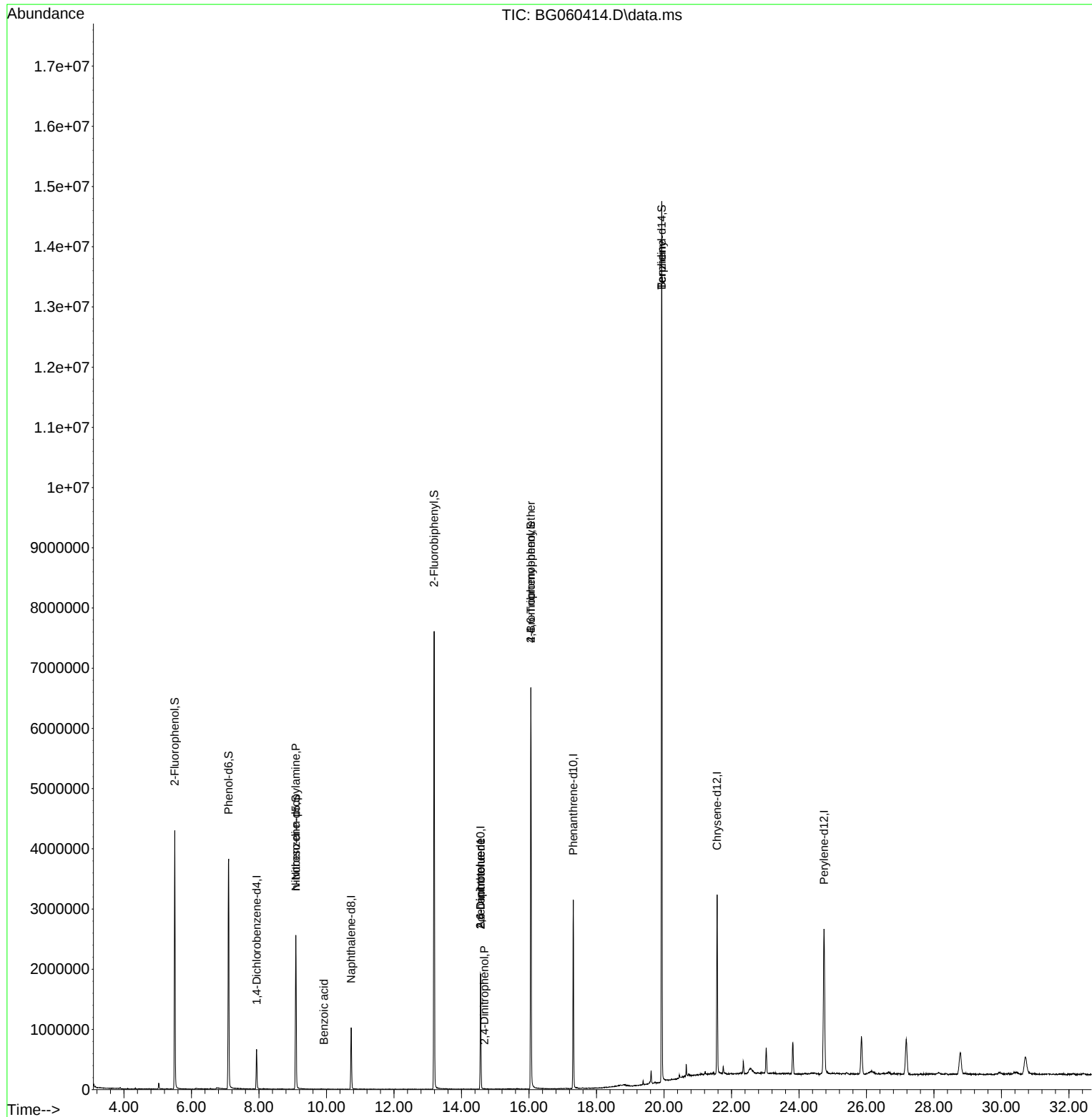
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	212691	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	910183	20.000	ng	0.00
39) Acenaphthene-d10	14.564	164	736968	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	2050519	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1870299	20.000	ng	0.00
86) Perylene-d12	24.740	264	2031858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	2015983	155.900	ng	0.00
7) Phenol-d6	7.102	99	2666992	139.282	ng	0.00
23) Nitrobenzene-d5	9.094	82	1745999	90.582	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	1529780	141.086	ng	0.00
45) 2-Fluorobiphenyl	13.189	172	4231247	79.824	ng	0.00
79) Terphenyl-d14	19.934	244	6398294	87.060	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.094	70	215623	16.270	ng	# 83
32) Benzoic acid	9.928	122	74	10.208	ng	# 34
51) 2,6-Dinitrotoluene	14.564	165	97910	8.148	ng	# 34
54) 2,4-Dinitrophenol	14.682	184	63	8.594	ng	# 27
57) 2,4-Dinitrotoluene	14.564	165	97910	5.942	ng	# 27
67) 4-Bromophenyl-phenylether	16.056	248	100519	4.461	ng	# 1
77) Benzidine	19.934	184	132124	3.252	ng	# 94

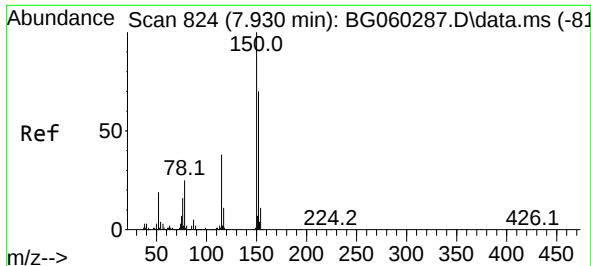
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012424\
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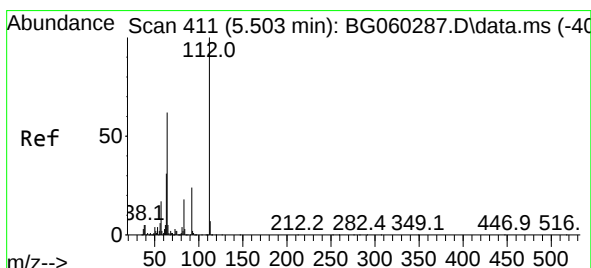
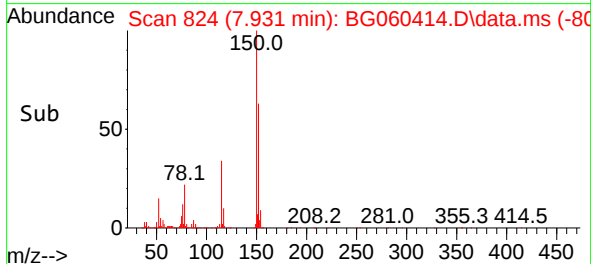
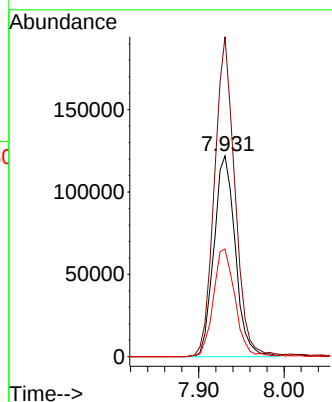
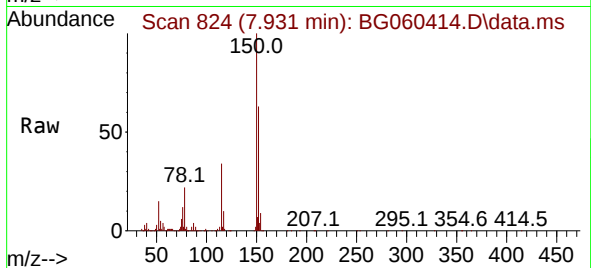




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG060414.D
Acq: 24 Jan 2024 14:10

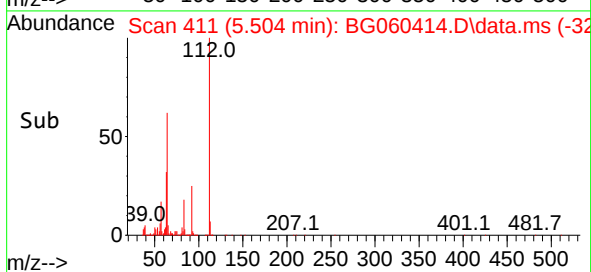
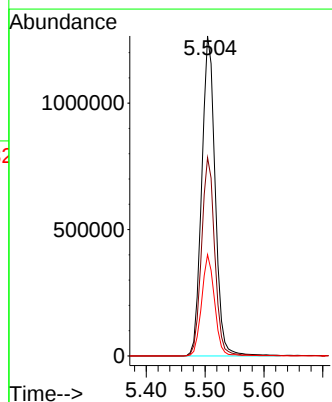
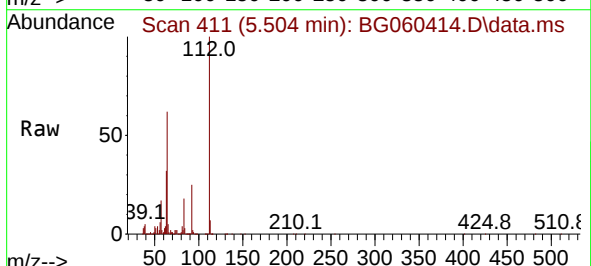
Instrument :
BNA_G
ClientSampleId :
PB158578BL

Tgt Ion:152 Resp: 212691
Ion Ratio Lower Upper
152 100
150 159.4 114.5 171.7
115 53.6 43.0 64.6



#5
2-Fluorophenol
Concen: 155.900 ng
RT: 5.504 min Scan# 411
Delta R.T. 0.001 min
Lab File: BG060414.D
Acq: 24 Jan 2024 14:10

Tgt Ion:112 Resp: 2015983
Ion Ratio Lower Upper
112 100
64 62.0 49.8 74.6
63 31.7 24.4 36.6

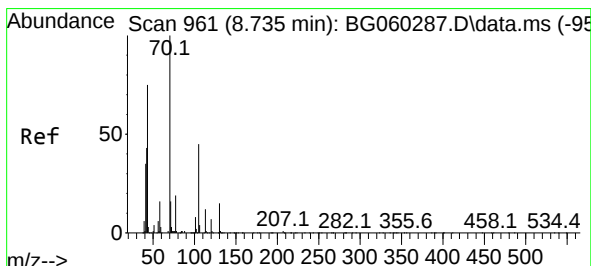
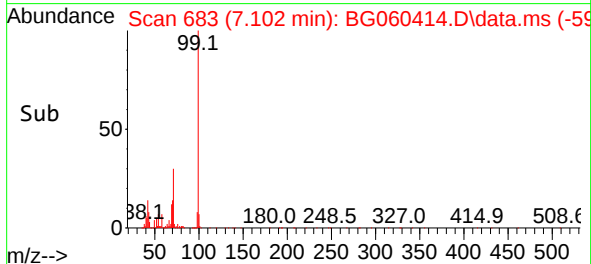
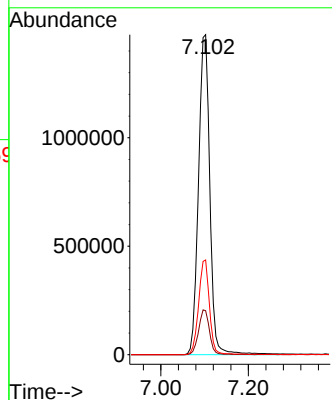
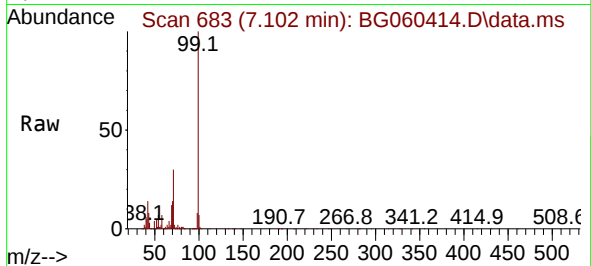




#7
Phenol-d6
Concen: 139.282 ng
RT: 7.102 min Scan# 61
Delta R.T. 0.007 min
Lab File: BG060414.D
Acq: 24 Jan 2024 14:10

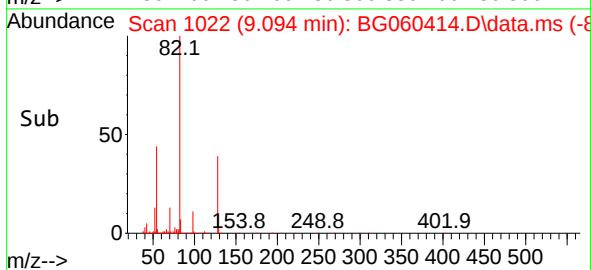
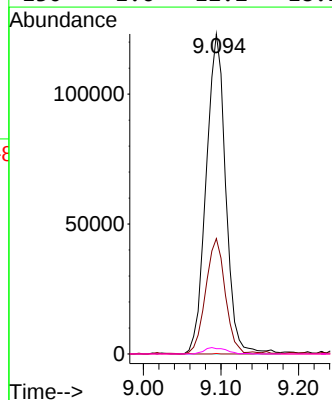
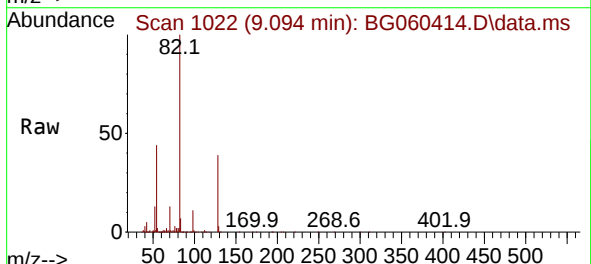
Instrument :
BNA_G
ClientSampleId :
PB158578BL

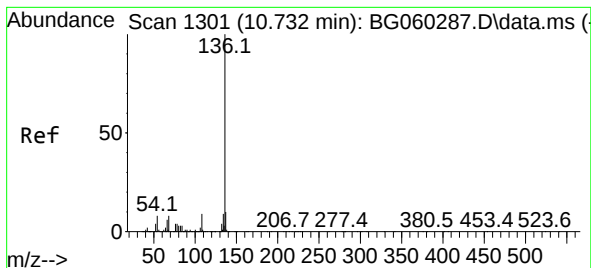
Tgt Ion: 99 Resp: 2666992
Ion Ratio Lower Upper
99 100
42 13.7 10.9 16.3
71 29.6 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.270 ng
RT: 9.094 min Scan# 1022
Delta R.T. 0.360 min
Lab File: BG060414.D
Acq: 24 Jan 2024 14:10

Tgt Ion: 70 Resp: 215623
Ion Ratio Lower Upper
70 100
42 36.1 34.3 51.5
101 0.2 6.2 9.2#
130 1.6 12.2 18.2#

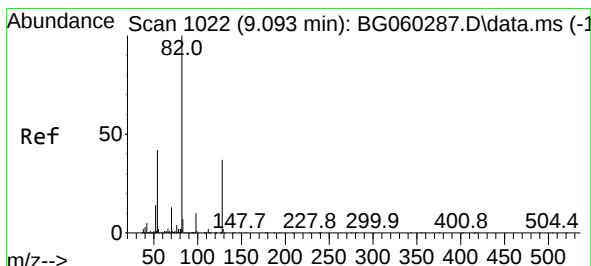
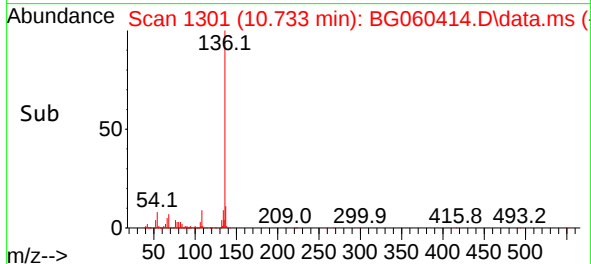
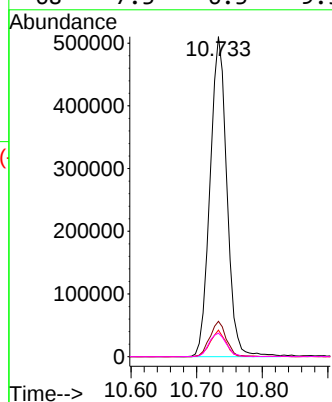
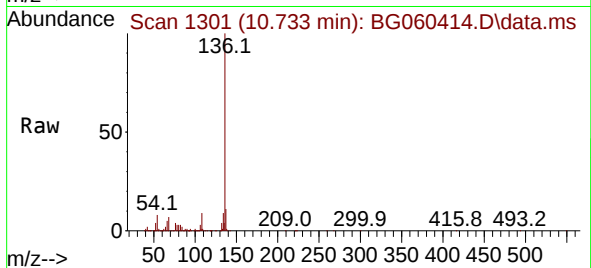




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1301
Delta R.T. 0.001 min
Lab File: BG060414.D
Acq: 24 Jan 2024 14:10

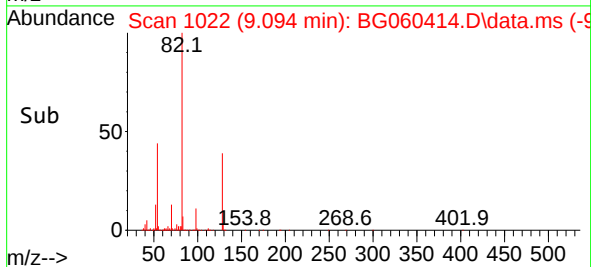
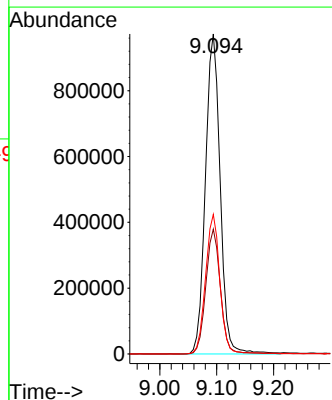
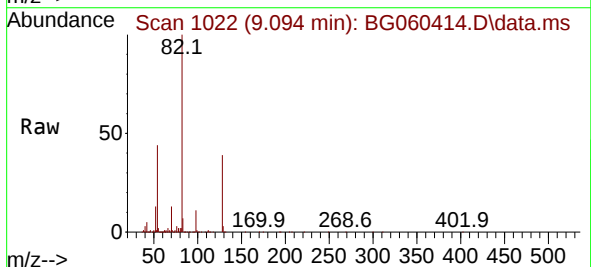
Instrument :
BNA_G
ClientSampleId :
PB158578BL

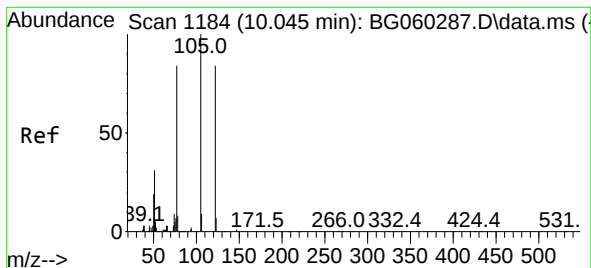
Tgt Ion:	136	Resp:	910183
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	8.3	6.2	9.2
68	7.3	6.3	9.5



#23
Nitrobenzene-d5
Concen: 90.582 ng
RT: 9.094 min Scan# 1022
Delta R.T. 0.001 min
Lab File: BG060414.D
Acq: 24 Jan 2024 14:10

Tgt Ion:	82	Resp:	1745999
Ion	Ratio	Lower	Upper
82	100		
128	39.0	29.6	44.4
54	43.6	33.6	50.4

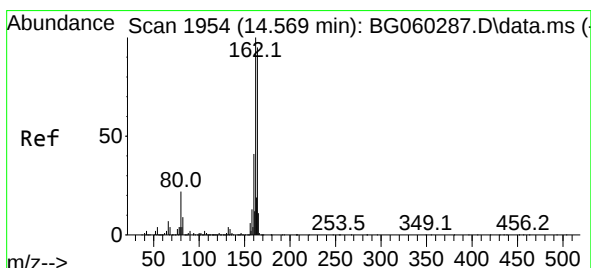
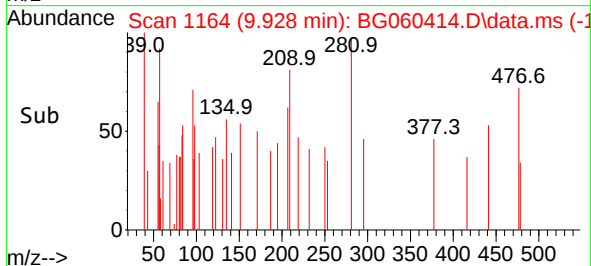
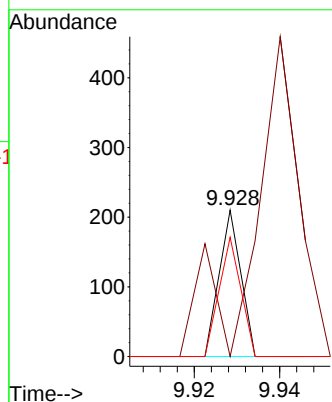
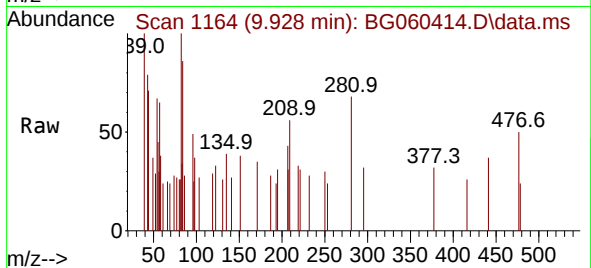




#32
Benzoic acid
Concen: 10.208 ng
RT: 9.928 min Scan# 1164
Delta R.T. -0.117 min
Lab File: BG060414.D
Acq: 24 Jan 2024 14:10

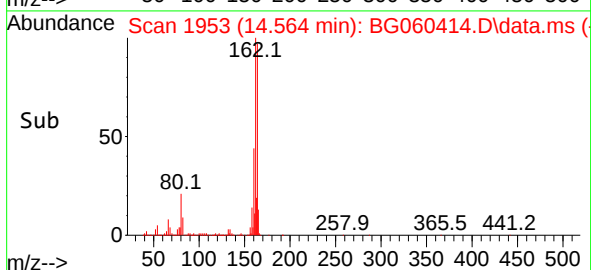
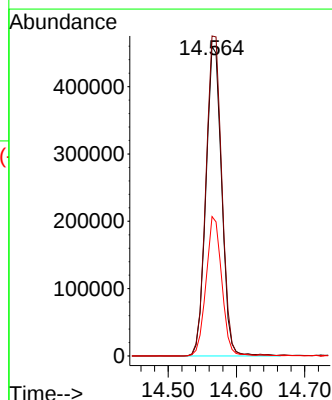
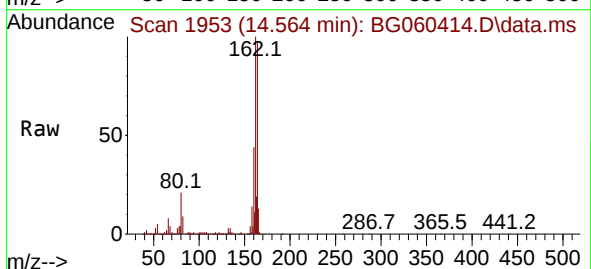
Instrument :
BNA_G
ClientSampleId :
PB158578BL

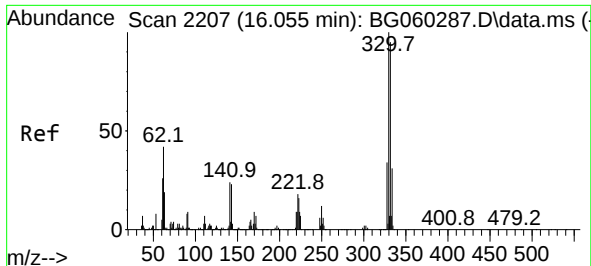
Tgt Ion:122 Resp: 74
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 81.4 80.1 120.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.564 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BG060414.D
Acq: 24 Jan 2024 14:10

Tgt Ion:164 Resp: 736968
Ion Ratio Lower Upper
164 100
162 103.4 84.4 126.6
160 45.1 34.6 52.0

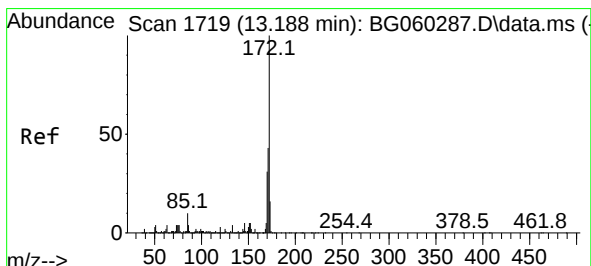
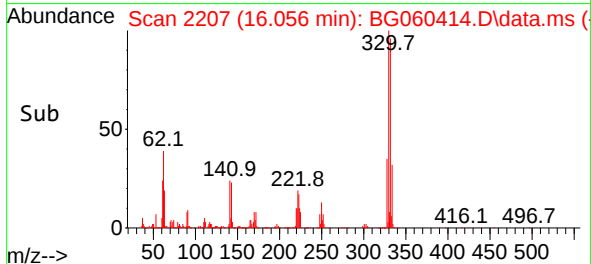
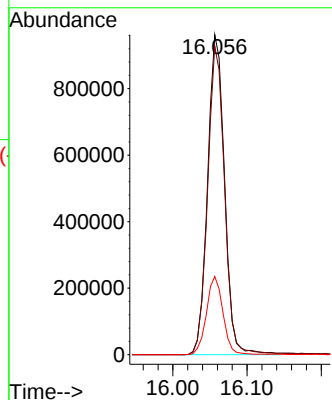
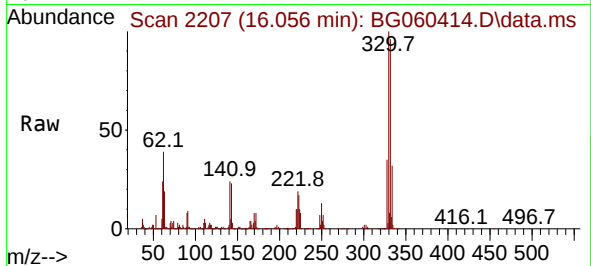




#42
2,4,6-Tribromophenol
Concen: 141.086 ng
RT: 16.056 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG060414.D
Acq: 24 Jan 2024 14:10

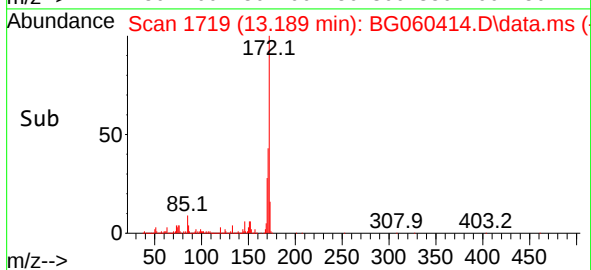
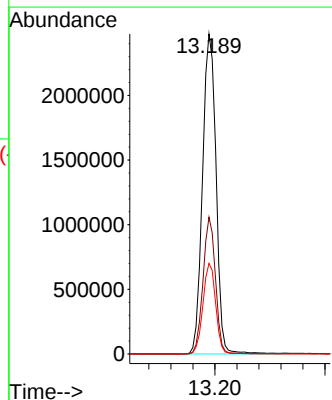
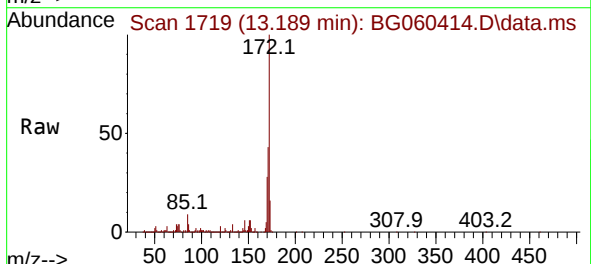
Instrument :
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ClientSampleId :
PB158578BL

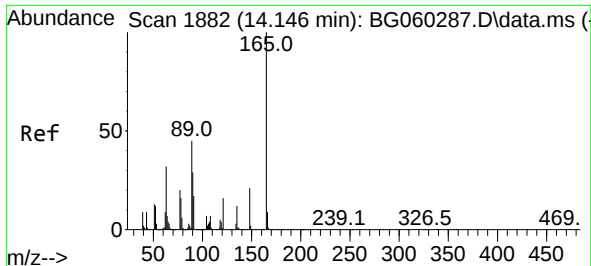
Tgt Ion:330 Resp: 1529780
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 23.9 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 79.824 ng
RT: 13.189 min Scan# 1719
Delta R.T. 0.001 min
Lab File: BG060414.D
Acq: 24 Jan 2024 14:10

Tgt Ion:172 Resp: 4231247
Ion Ratio Lower Upper
172 100
171 42.7 34.6 51.8
170 28.3 24.4 36.6

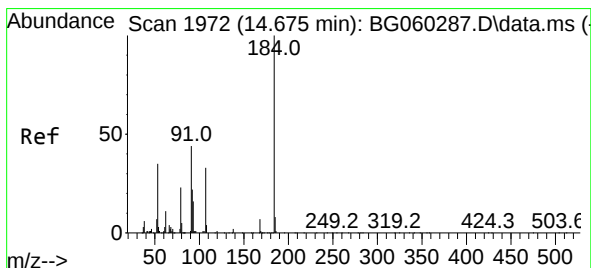
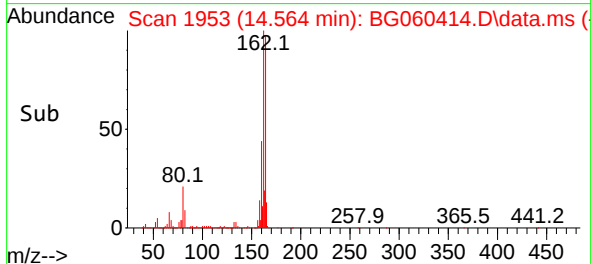
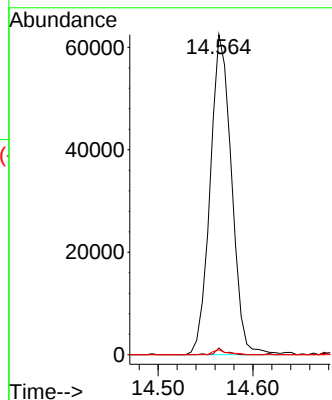
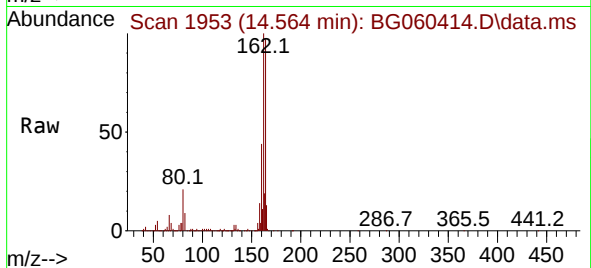




#51
2,6-Dinitrotoluene
Concen: 8.148 ng
RT: 14.564 min Scan# 1953
Delta R.T. 0.418 min
Lab File: BG060414.D
Acq: 24 Jan 2024 14:10

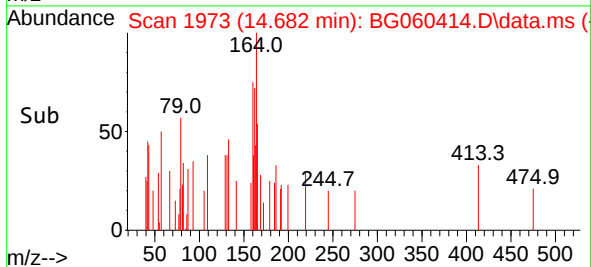
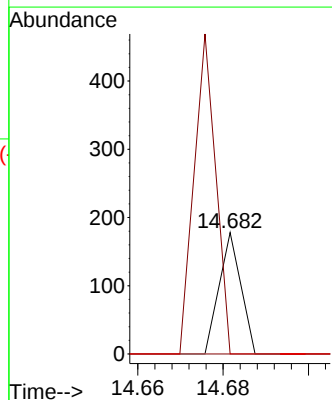
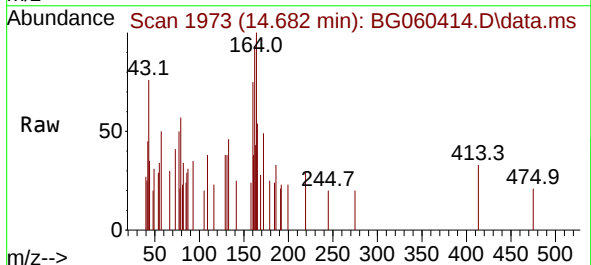
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ClientSampleId :
PB158578BL

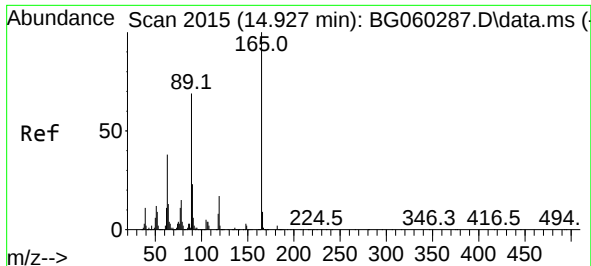
Tgt Ion:165 Resp: 97910
Ion Ratio Lower Upper
165 100
63 2.1 35.0 52.4#
89 1.5 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.594 ng
RT: 14.682 min Scan# 1973
Delta R.T. 0.007 min
Lab File: BG060414.D
Acq: 24 Jan 2024 14:10

Tgt Ion:184 Resp: 63
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: 5.942 ng

RT: 14.564 min Scan# 1953

Delta R.T. -0.363 min

Lab File: BG060414.D

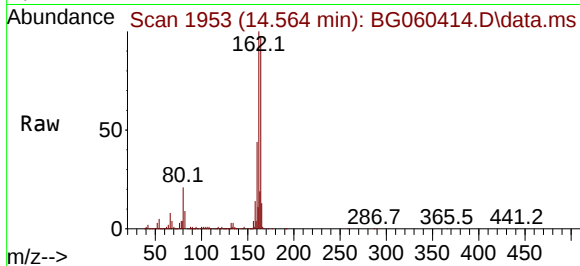
Acq: 24 Jan 2024 14:10

Instrument :

BNA_G

ClientSampleId :

PB158578BL



Tgt Ion:165 Resp: 97910

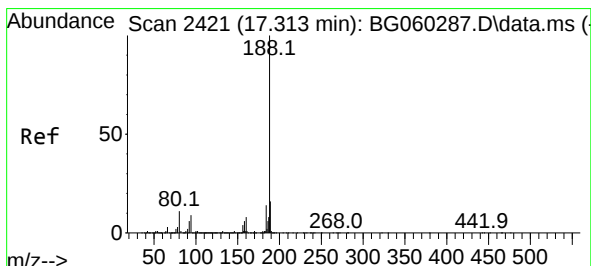
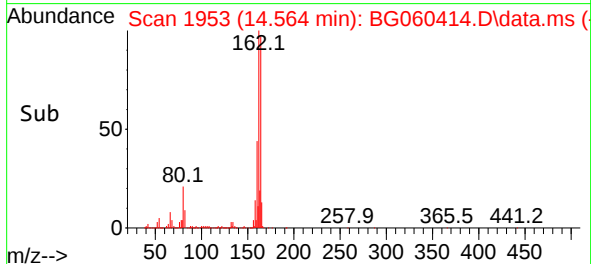
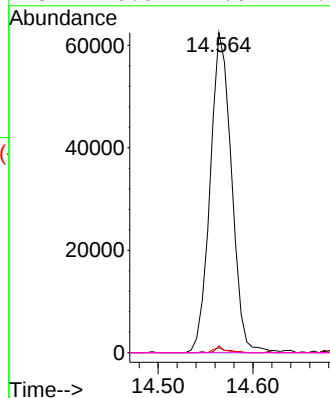
Ion Ratio Lower Upper

165 100

63 2.1 30.4 45.6#

89 1.5 55.4 83.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.314 min Scan# 2421

Delta R.T. 0.001 min

Lab File: BG060414.D

Acq: 24 Jan 2024 14:10

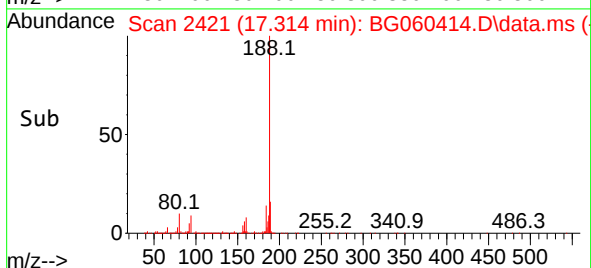
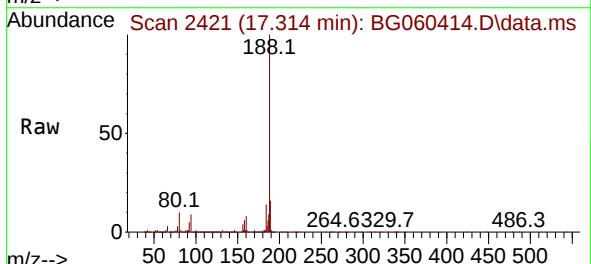
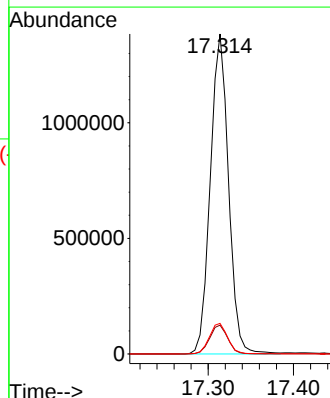
Tgt Ion:188 Resp: 2050519

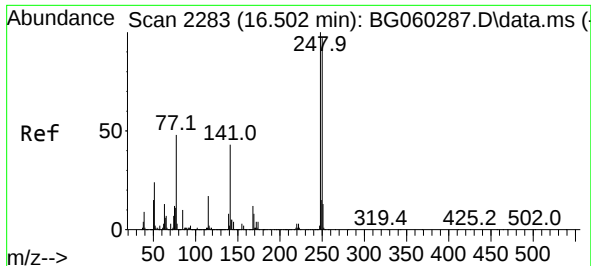
Ion Ratio Lower Upper

188 100

94 9.0 7.1 10.7

80 9.6 8.5 12.7

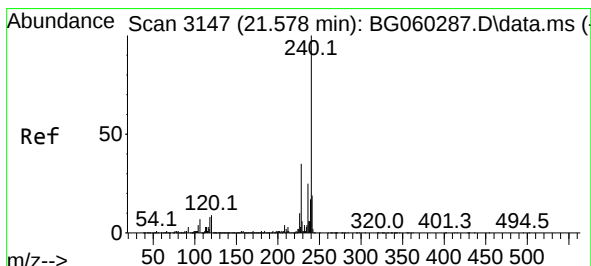
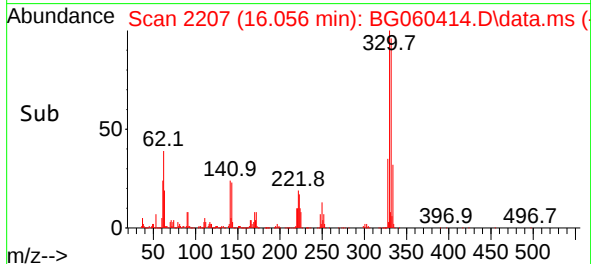
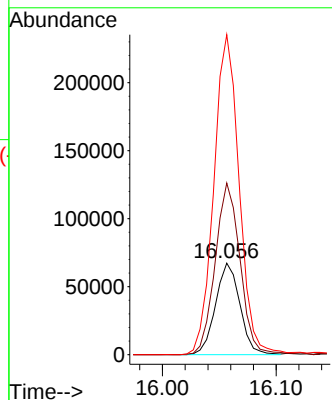
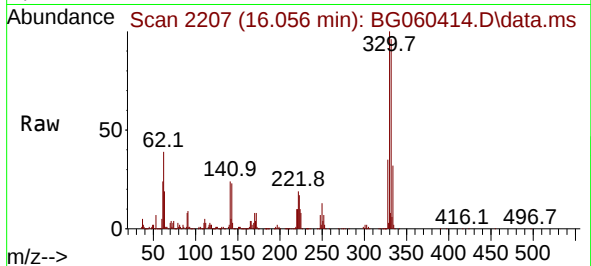




#67
4-Bromophenyl-phenylether
Concen: 4.461 ng
RT: 16.056 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG060414.D
Acq: 24 Jan 2024 14:10

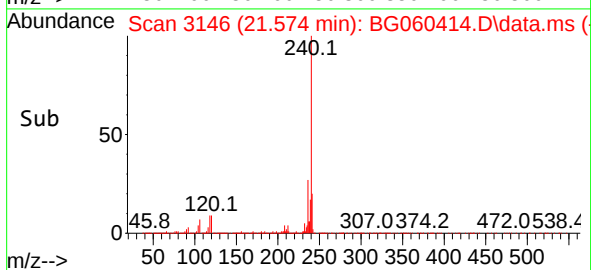
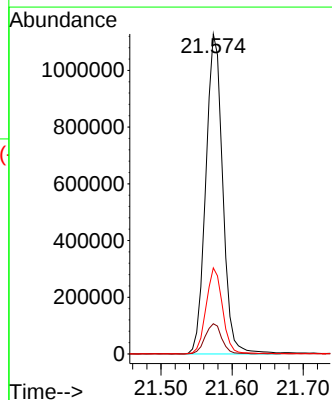
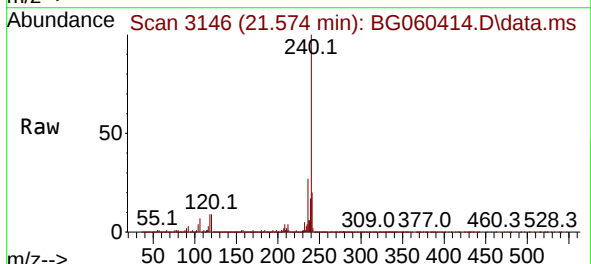
Instrument :
BNA_G
ClientSampleId :
PB158578BL

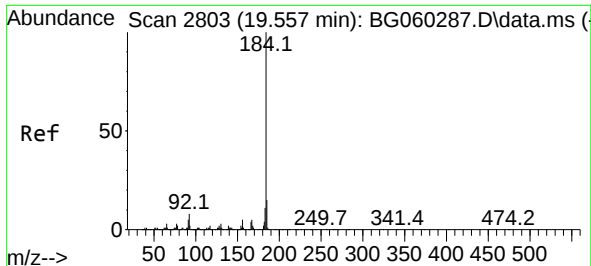
Tgt Ion:248 Resp: 100519
Ion Ratio Lower Upper
248 100
250 187.5 77.6 116.4#
141 349.4 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3146
Delta R.T. -0.005 min
Lab File: BG060414.D
Acq: 24 Jan 2024 14:10

Tgt Ion:240 Resp: 1870299
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 26.9 20.3 30.5

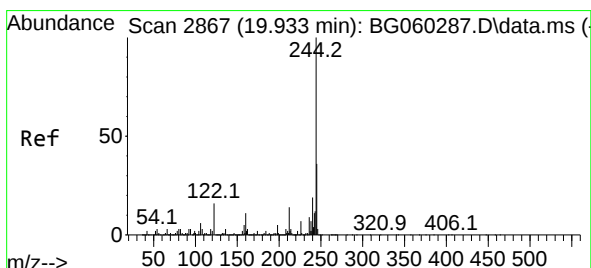
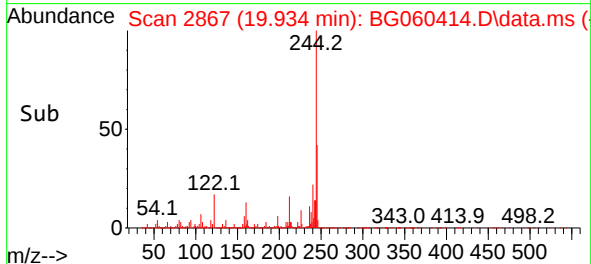
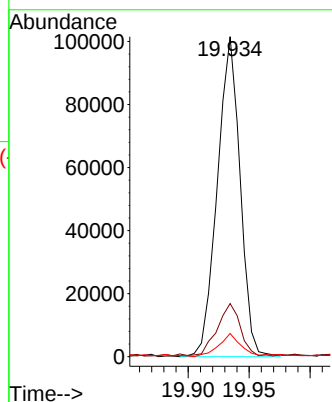
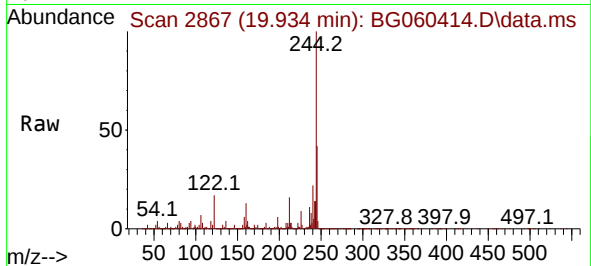




#77
Benzidine
Concen: 3.252 ng
RT: 19.934 min Scan# 2803
Delta R.T. 0.377 min
Lab File: BG060414.D
Acq: 24 Jan 2024 14:10

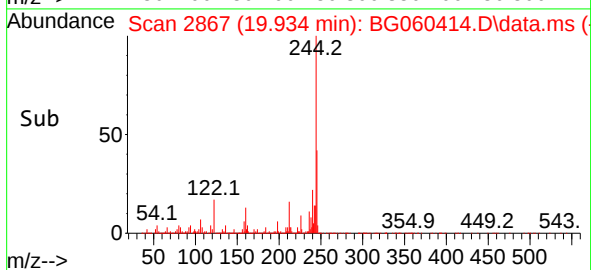
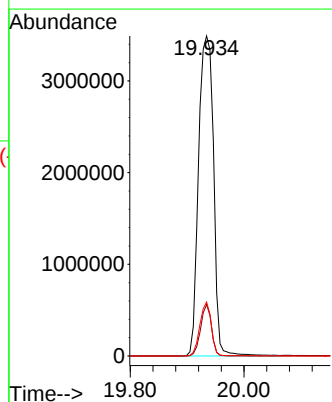
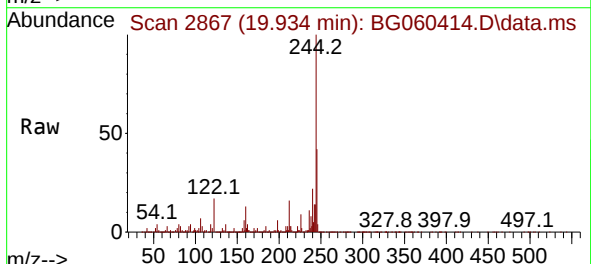
Instrument :
BNA_G
ClientSampleId :
PB158578BL

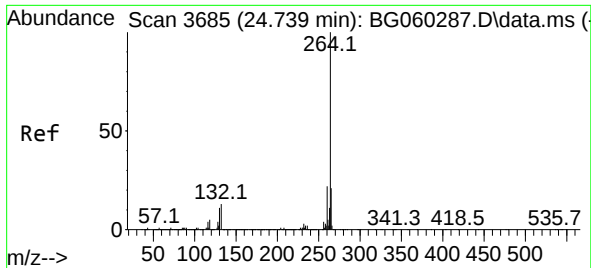
Tgt Ion:184 Resp: 132124
Ion Ratio Lower Upper
184 100
185 16.6 12.2 18.4
183 7.2 9.0 13.4#



#79
Terphenyl-d14
Concen: 87.060 ng
RT: 19.934 min Scan# 2867
Delta R.T. 0.001 min
Lab File: BG060414.D
Acq: 24 Jan 2024 14:10

Tgt Ion:244 Resp: 6398294
Ion Ratio Lower Upper
244 100
212 16.1 10.9 16.3
122 16.9 12.6 18.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.740 min Scan# 30
Delta R.T. 0.001 min
Lab File: BG060414.D
Acq: 24 Jan 2024 14:10

Instrument :
BNA_G
ClientSampleId :
PB158578BL

Tgt Ion:264 Resp: 2031858

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.8	26.6
265	21.5	16.8	25.2

