

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
 Data File : BG060326.D
 Acq On : 12 Jan 2024 21:53
 Operator : MA/JU
 Sample : P1118-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

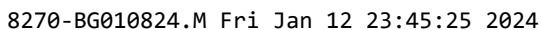
Quant Time: Jan 12 23:45:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

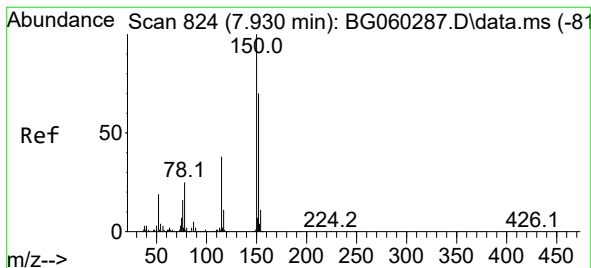
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	262934	20.000	ng	0.00
21) Naphthalene-d8	10.729	136	989307	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	711111	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1758882	20.000	ng	0.00
76) Chrysene-d12	21.575	240	1707748	20.000	ng	0.00
86) Perylene-d12	24.736	264	1809588	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	1984039	124.112	ng	0.00
7) Phenol-d6	7.092	99	2591590	109.482	ng	0.00
23) Nitrobenzene-d5	9.090	82	1964047	93.745	ng	0.00
42) 2,4,6-Tribromophenol	16.052	330	1305084	124.739	ng	0.00
45) 2-Fluorobiphenyl	13.191	172	4317242	84.408	ng	0.00
79) Terphenyl-d14	19.936	244	5936356	89.368	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.090	70	233788	14.270	ng	# 85
32) Benzoic acid	10.036	122	112	10.210	ng	# 1
51) 2,6-Dinitrotoluene	14.566	165	97432	8.403	ng	# 33
54) 2,4-Dinitrophenol	14.707	184	53	8.593	ng	# 27
57) 2,4-Dinitrotoluene	14.566	165	97432	6.127	ng	# 25
67) 4-Bromophenyl-phenylether	16.052	248	77306	4.000	ng	# 1
77) Benzidine	19.936	184	113152	3.050	ng	# 95

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

Quant Time: Jan 12 23:45:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
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QLast Update : Tue Jan 09 04:07:12 2024
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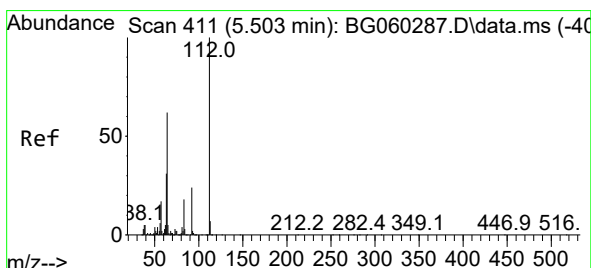
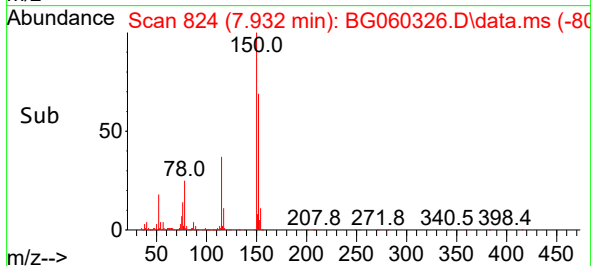
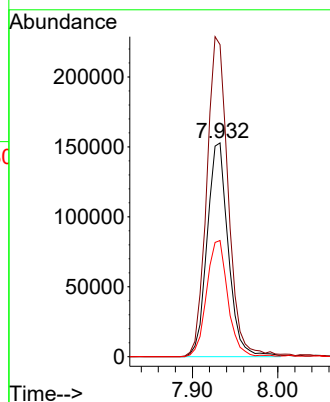
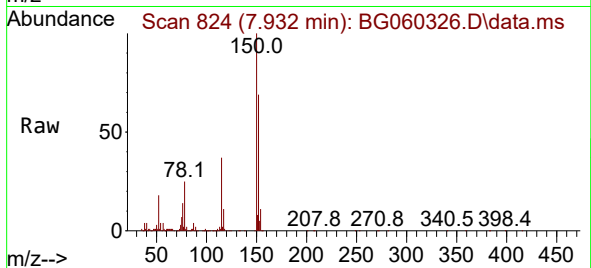




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

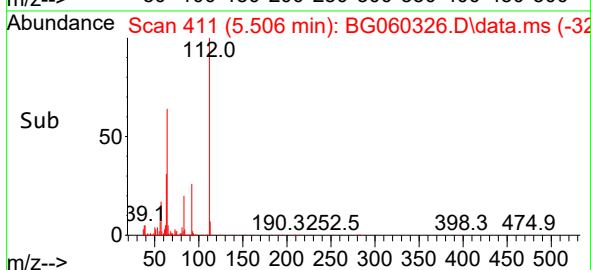
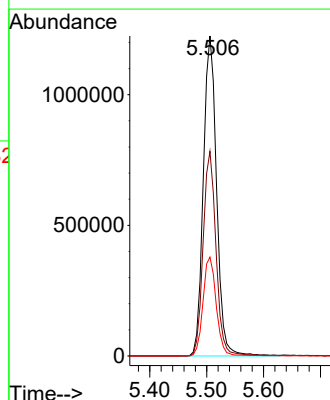
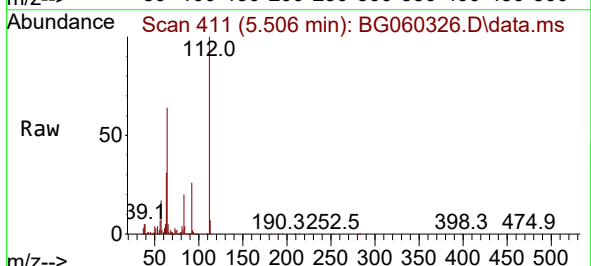
Instrument :
BNA_G
ClientSampleId :
WC-1

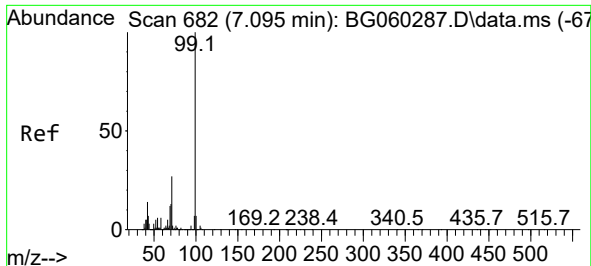
Tgt Ion:152 Resp: 262934
Ion Ratio Lower Upper
152 100
150 145.9 114.5 171.7
115 54.3 43.0 64.6



#5
2-Fluorophenol
Concen: 124.112 ng
RT: 5.506 min Scan# 411
Delta R.T. 0.003 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

Tgt Ion:112 Resp: 1984039
Ion Ratio Lower Upper
112 100
64 64.0 49.8 74.6
63 30.9 24.4 36.6

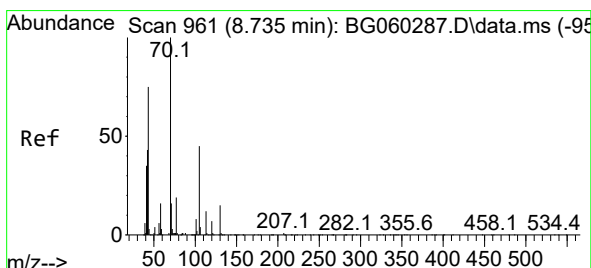
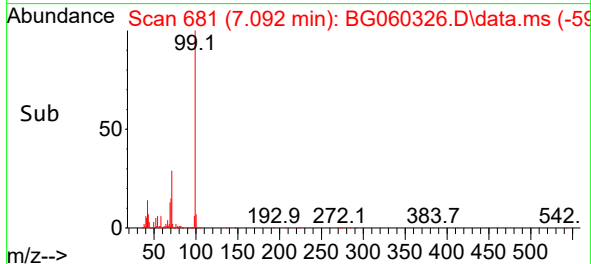
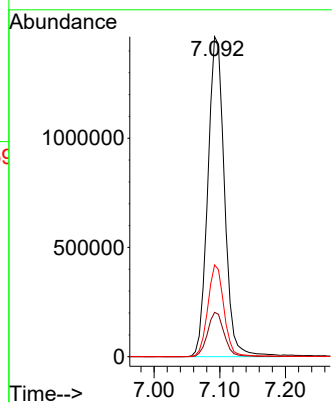
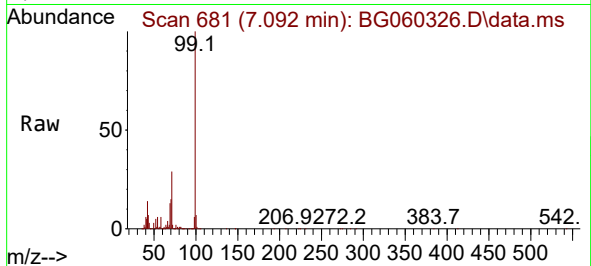




#7
Phenol-d6
Concen: 109.482 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

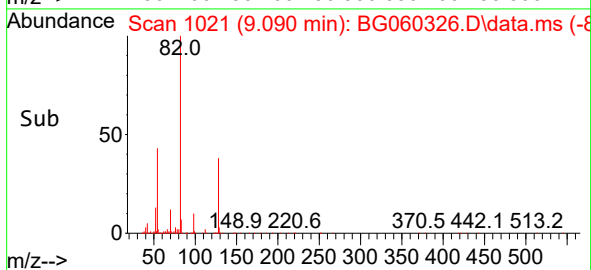
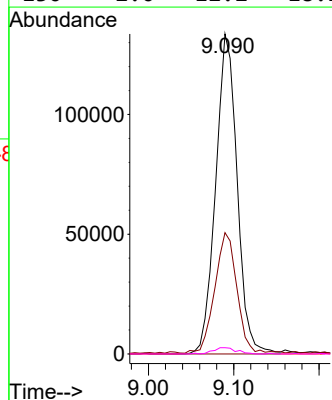
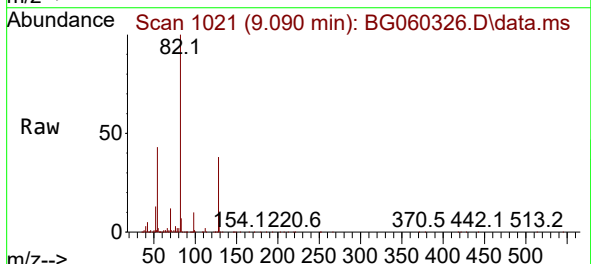
Instrument :
BNA_G
ClientSampleId :
WC-1

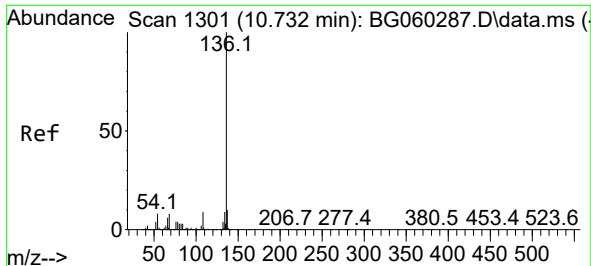
Tgt Ion: 99 Resp: 2591590
Ion Ratio Lower Upper
99 100
42 13.9 10.9 16.3
71 28.7 21.5 32.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.270 ng
RT: 9.090 min Scan# 1021
Delta R.T. 0.355 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

Tgt Ion: 70 Resp: 233788
Ion Ratio Lower Upper
70 100
42 37.9 34.3 51.5
101 0.0 6.2 9.2#
130 2.0 12.2 18.2#

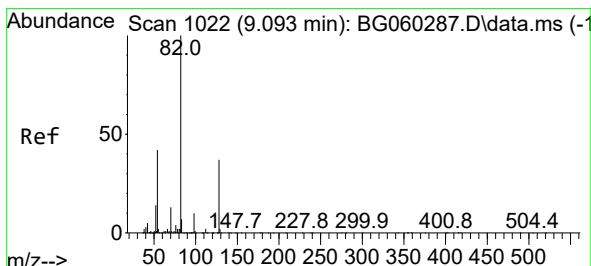
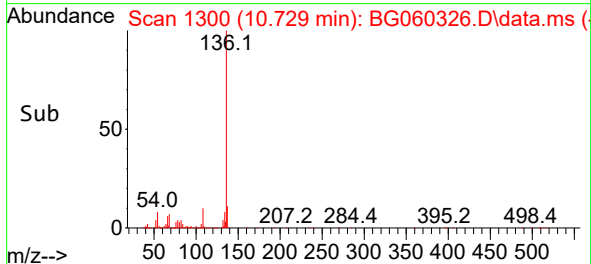
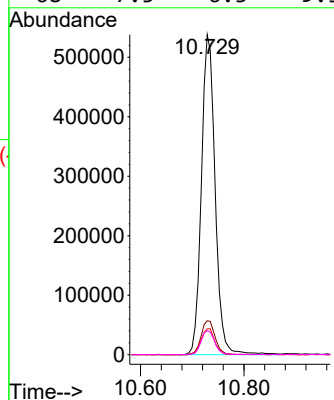
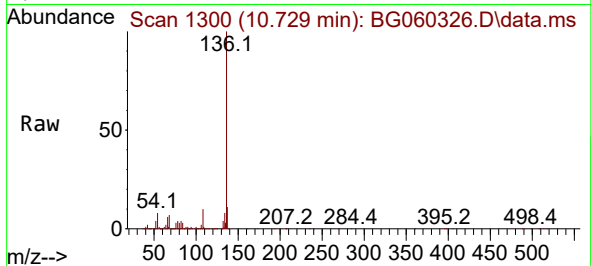




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.729 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

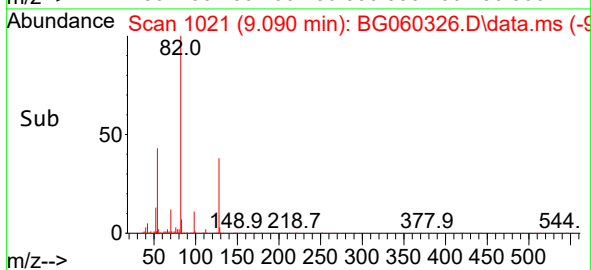
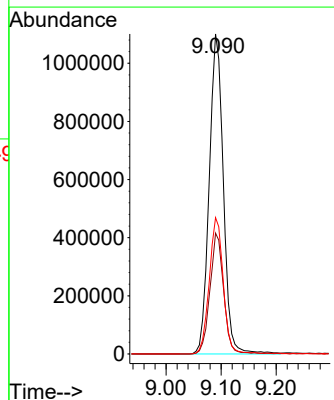
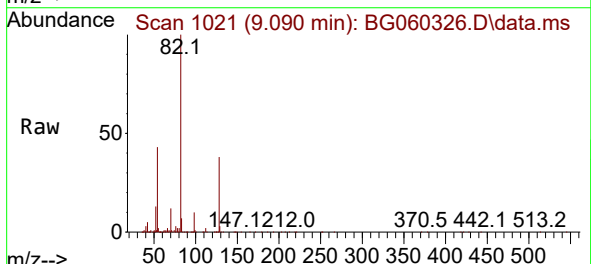
Instrument :
BNA_G
ClientSampleId :
WC-1

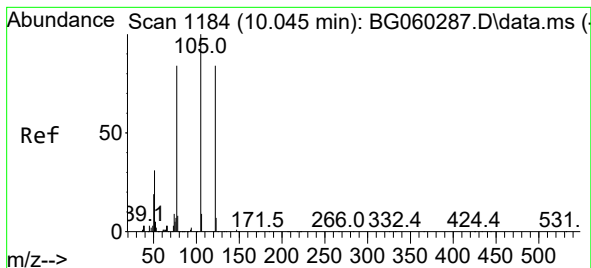
Tgt Ion:136 Resp: 989307
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.4
54 8.1 6.2 9.2
68 7.5 6.3 9.5



#23
Nitrobenzene-d5
Concen: 93.745 ng
RT: 9.090 min Scan# 1021
Delta R.T. -0.003 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

Tgt Ion: 82 Resp: 1964047
Ion Ratio Lower Upper
82 100
128 37.8 29.6 44.4
54 42.6 33.6 50.4

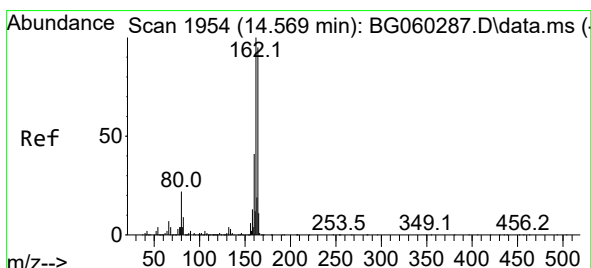
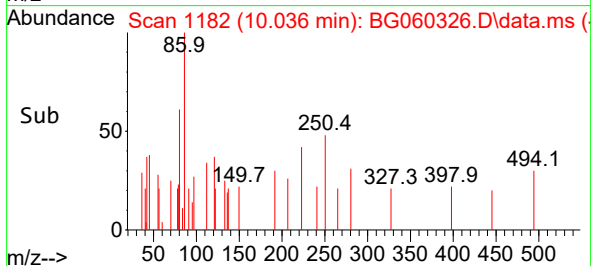
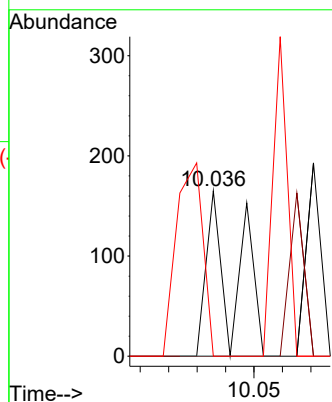
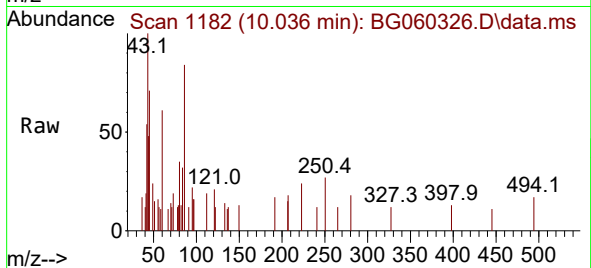




#32
Benzoic acid
Concen: 10.210 ng
RT: 10.036 min Scan# 1182
Delta R.T. -0.009 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

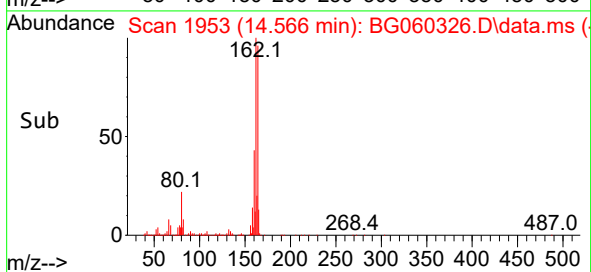
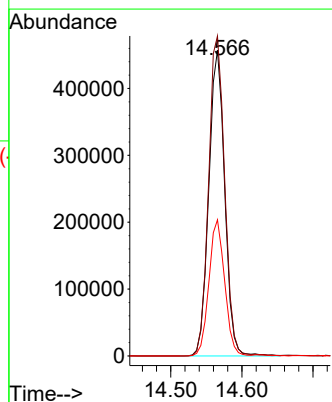
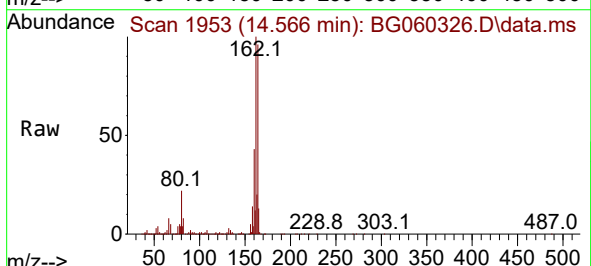
Instrument :
BNA_G
ClientSampleId :
WC-1

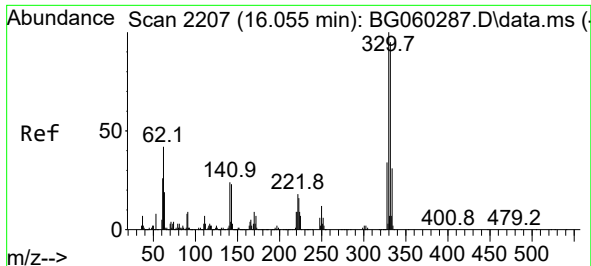
Tgt Ion:122 Resp: 112
Ion Ratio Lower Upper
122 100
105 0.0 96.0 136.0#
77 0.0 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.566 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

Tgt Ion:164 Resp: 711111
Ion Ratio Lower Upper
164 100
162 104.6 84.4 126.6
160 44.5 34.6 52.0

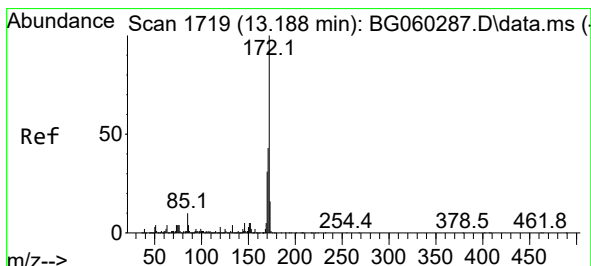
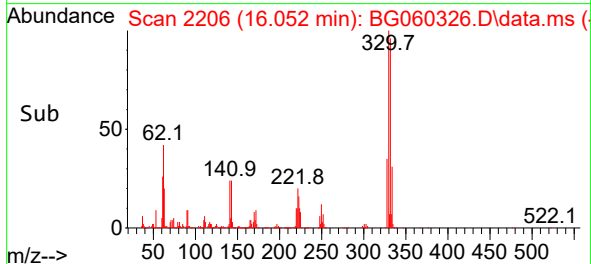
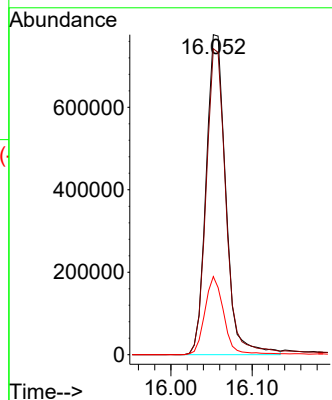
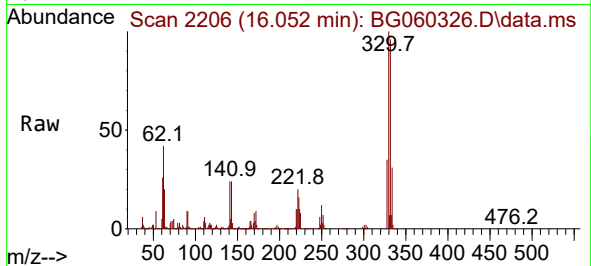




#42
2,4,6-Tribromophenol
Concen: 124.739 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

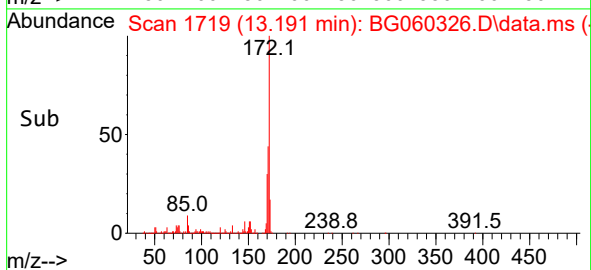
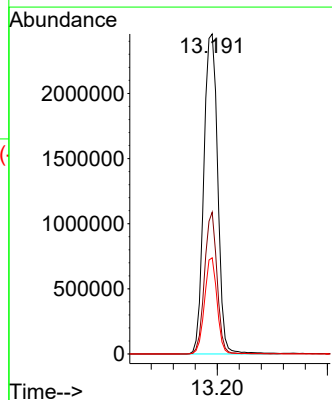
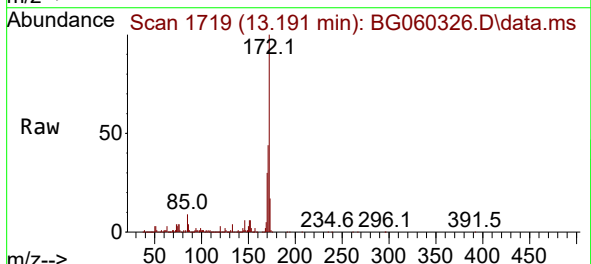
Instrument :
BNA_G
ClientSampleId :
WC-1

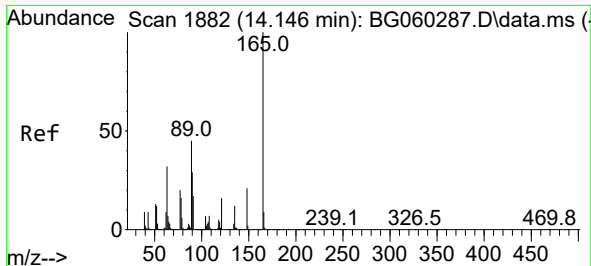
Tgt Ion:330 Resp: 1305084
Ion Ratio Lower Upper
330 100
332 97.8 76.7 115.1
141 23.7 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 84.408 ng
RT: 13.191 min Scan# 1719
Delta R.T. 0.003 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

Tgt Ion:172 Resp: 4317242
Ion Ratio Lower Upper
172 100
171 44.3 34.6 51.8
170 30.1 24.4 36.6

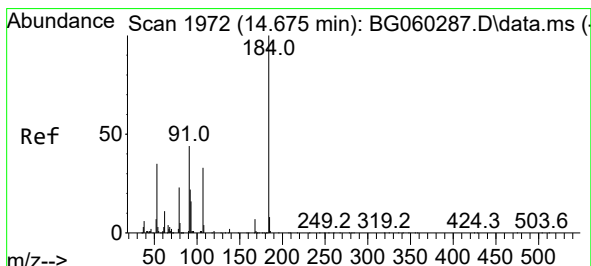
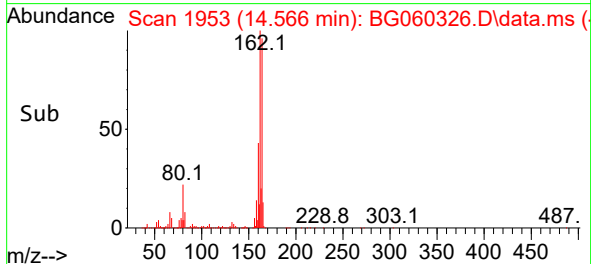
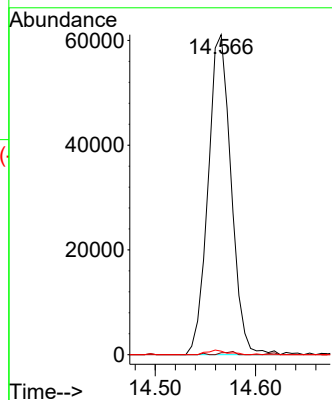
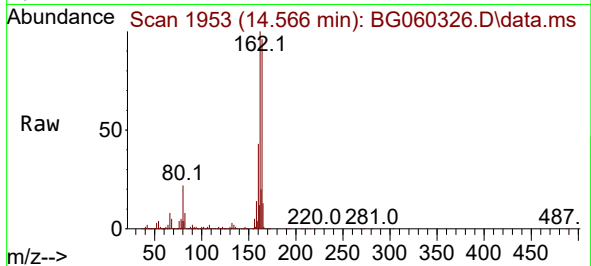




#51
2,6-Dinitrotoluene
Concen: 8.403 ng
RT: 14.566 min Scan# 1953
Delta R.T. 0.420 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

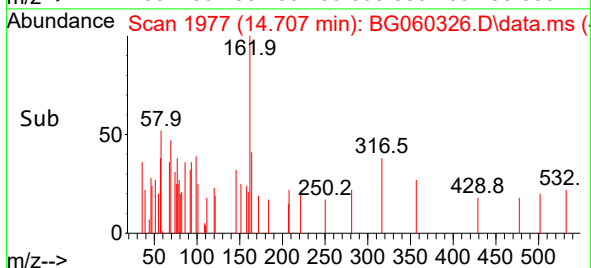
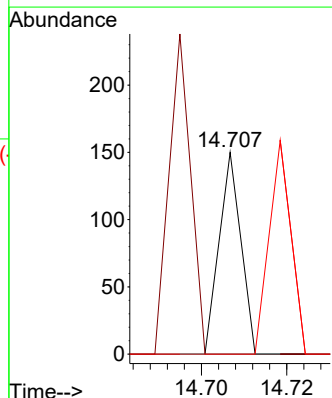
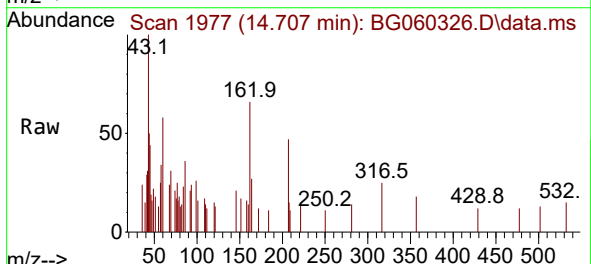
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BNA_G
ClientSampleId :
WC-1

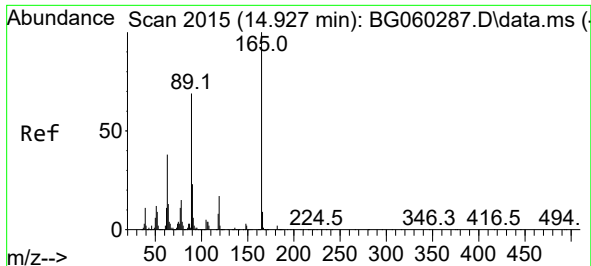
Tgt Ion:165 Resp: 97432
Ion Ratio Lower Upper
165 100
63 0.6 35.0 52.4#
89 1.1 36.2 54.2#



#54
2,4-Dinitrophenol
Concen: 8.593 ng
RT: 14.707 min Scan# 1977
Delta R.T. 0.032 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

Tgt Ion:184 Resp: 53
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: 6.127 ng

RT: 14.566 min Scan# 1953

Delta R.T. -0.362 min

Lab File: BG060326.D

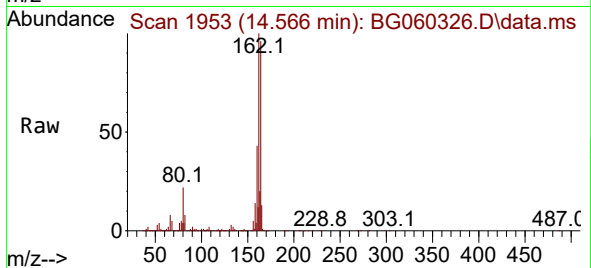
Acq: 12 Jan 2024 21:53

Instrument :

BNA_G

ClientSampleId :

WC-1



Tgt Ion:165 Resp: 97432

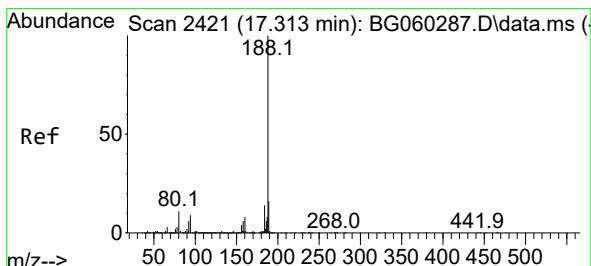
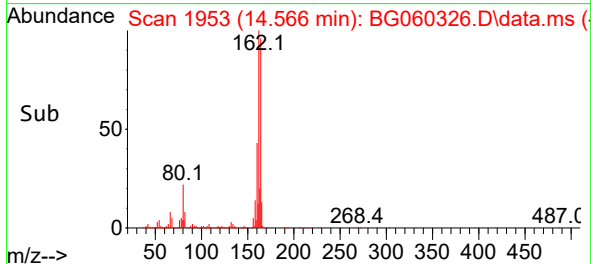
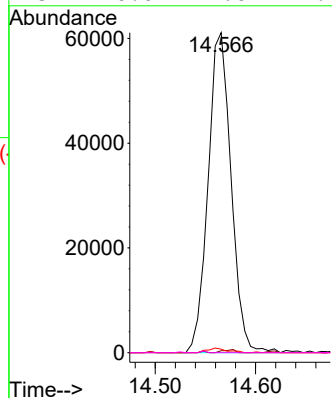
Ion Ratio Lower Upper

165 100

63 0.6 30.4 45.6#

89 1.1 55.4 83.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2420

Delta R.T. -0.003 min

Lab File: BG060326.D

Acq: 12 Jan 2024 21:53

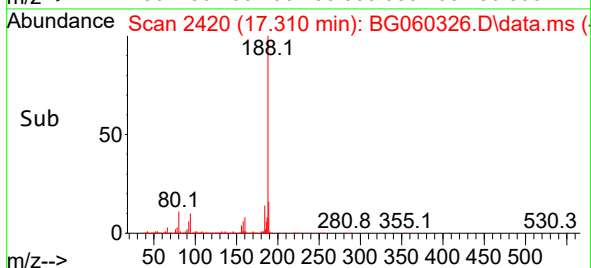
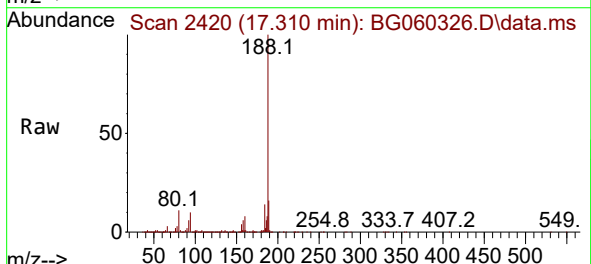
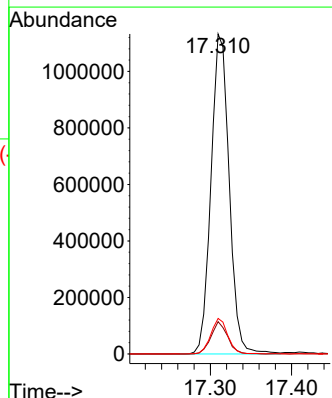
Tgt Ion:188 Resp: 1758882

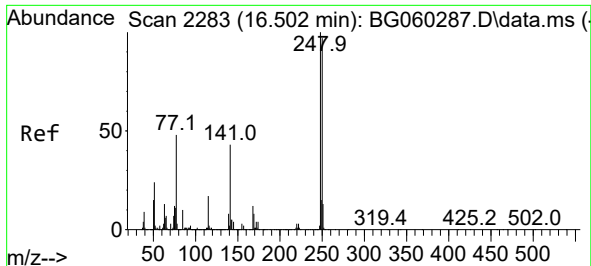
Ion Ratio Lower Upper

188 100

94 10.1 7.1 10.7

80 11.1 8.5 12.7

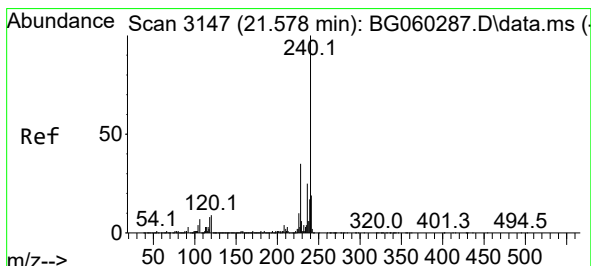
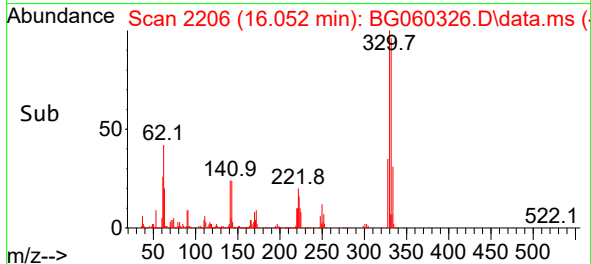
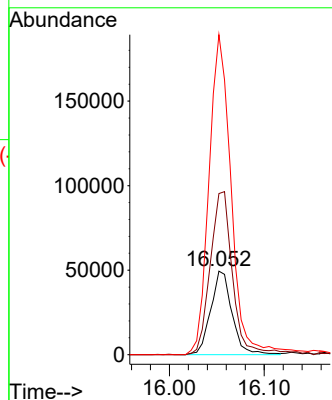
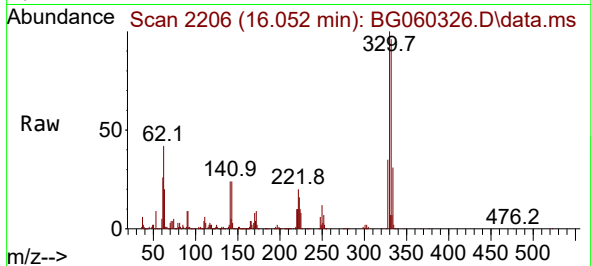




#67
4-Bromophenyl-phenylether
Concen: 4.000 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.450 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

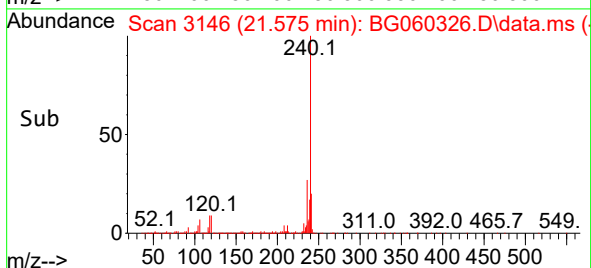
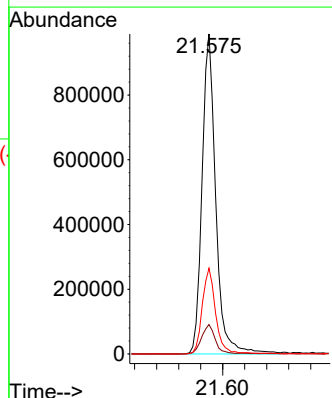
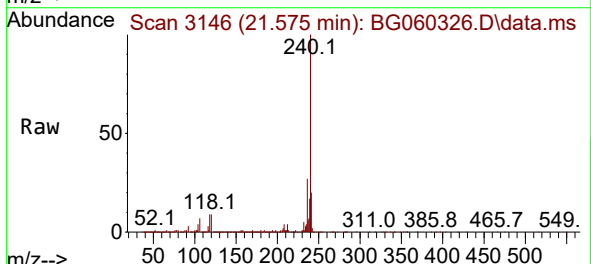
Instrument :
BNA_G
ClientSampleId :
WC-1

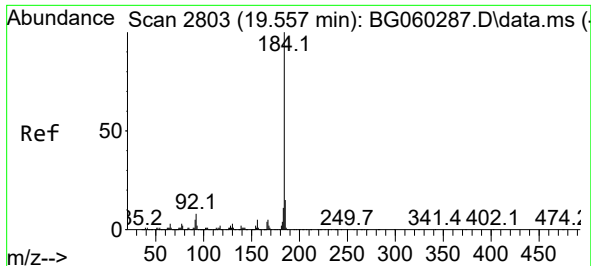
Tgt Ion:248 Resp: 77306
Ion Ratio Lower Upper
248 100
250 192.9 77.6 116.4#
141 383.2 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

Tgt Ion:240 Resp: 1707748
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 26.8 20.3 30.5

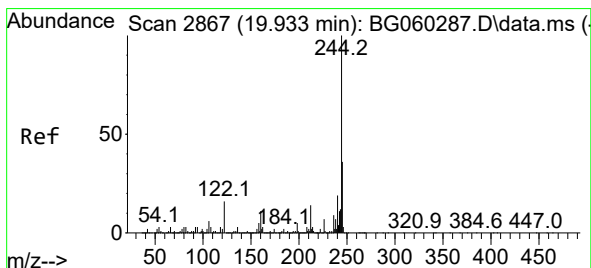
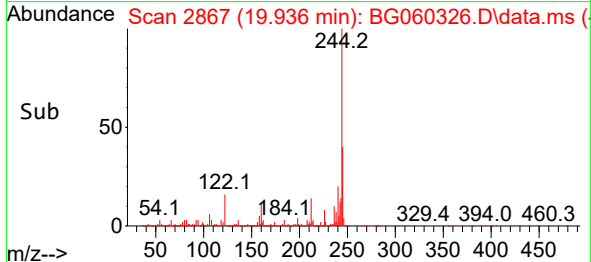
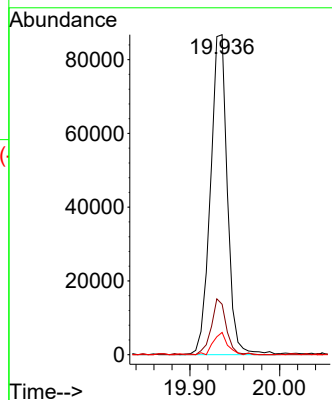
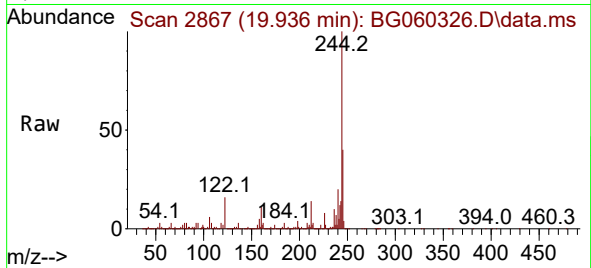




#77
Benzidine
Concen: 3.050 ng
RT: 19.936 min Scan# 2803
Delta R.T. 0.379 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

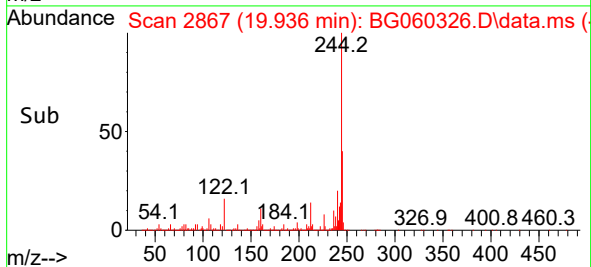
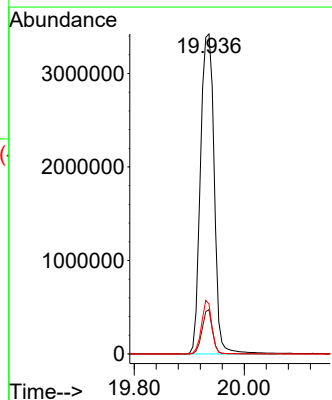
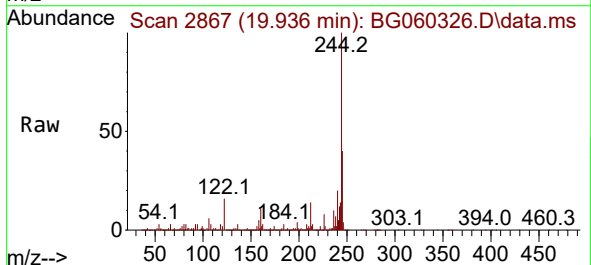
Instrument :
BNA_G
ClientSampleId :
WC-1

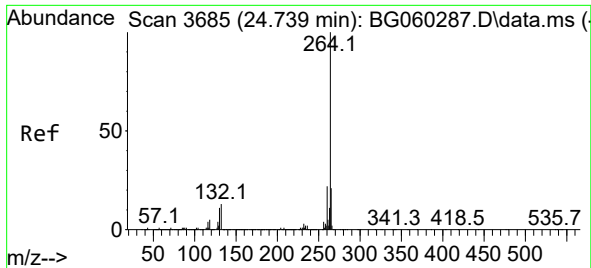
Tgt Ion:184 Resp: 113152
Ion Ratio Lower Upper
184 100
185 15.7 12.2 18.4
183 6.9 9.0 13.4#



#79
Terphenyl-d14
Concen: 89.368 ng
RT: 19.936 min Scan# 2867
Delta R.T. 0.003 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

Tgt Ion:244 Resp: 5936356
Ion Ratio Lower Upper
244 100
212 13.9 10.9 16.3
122 15.6 12.6 18.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.736 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG060326.D
Acq: 12 Jan 2024 21:53

Instrument :
BNA_G
ClientSampleId :
WC-1

Tgt Ion:264 Resp: 1809588

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.8	26.6
265	20.5	16.8	25.2

