

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
 Data File : BG060264.D
 Acq On : 5 Jan 2024 4:27
 Operator : MA/JU
 Sample : 06045-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MR-300-2.0-2.5

Quant Time: Jan 05 05:03:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

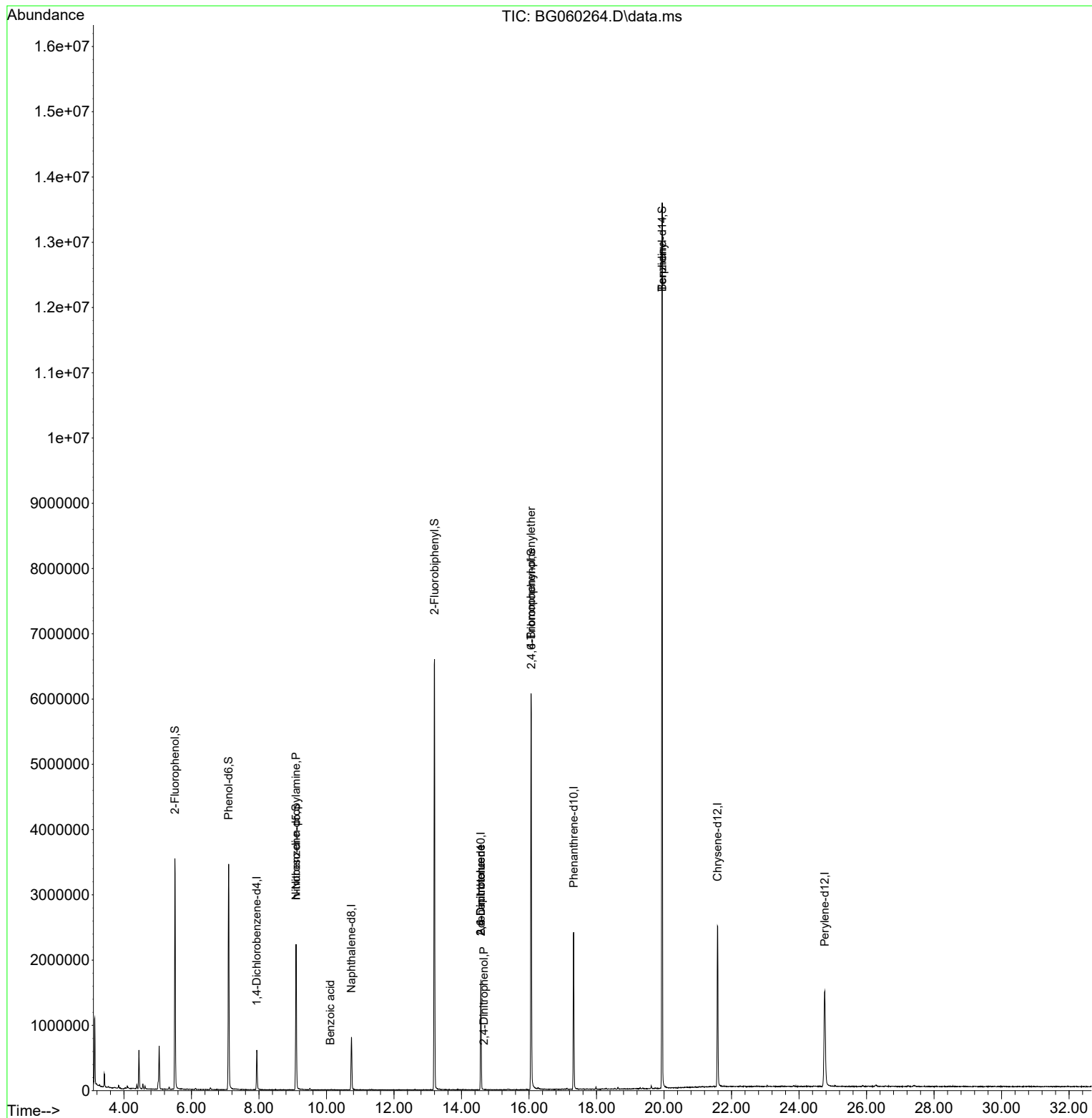
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	183087	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	745085	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	606096	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1644934	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1552174	20.000	ng	0.00
86) Perylene-d12	24.762	264	1740112	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1631271	134.479	ng	0.00
7) Phenol-d6	7.100	99	2312025	128.370	ng	0.00
23) Nitrobenzene-d5	9.098	82	1539982	95.468	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1346435	165.956	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	3671280	87.056	ng	0.00
79) Terphenyl-d14	19.944	244	5716492	70.803	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	184098	14.962	ng	# 82
32) Benzoic acid	10.114	122	118	10.283	ng	# 1
51) 2,6-Dinitrotoluene	14.574	165	81909	8.415	ng	# 30
54) 2,4-Dinitrophenol	14.662	184	63	8.246	ng	# 25
57) 2,4-Dinitrotoluene	14.574	165	81909	6.189	ng	# 27
67) 4-Bromophenyl-phenylether	16.060	248	82554	4.734	ng	# 1
77) Benzidine	19.944	184	109157	2.541	ng	# 90

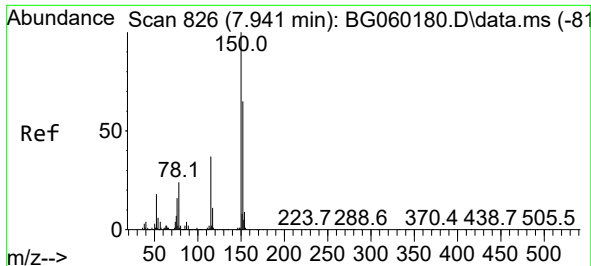
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
Data File : BG060264.D
Acq On : 5 Jan 2024 4:27
Operator : MA/JU
Sample : 06045-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MR-300-2.0-2.5

Quant Time: Jan 05 05:03:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

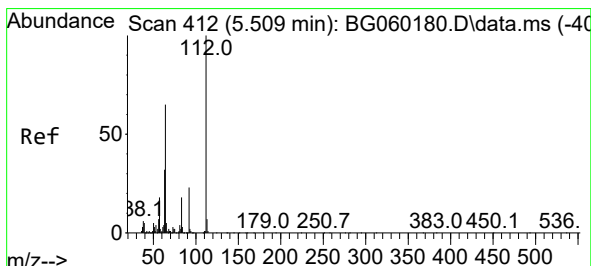
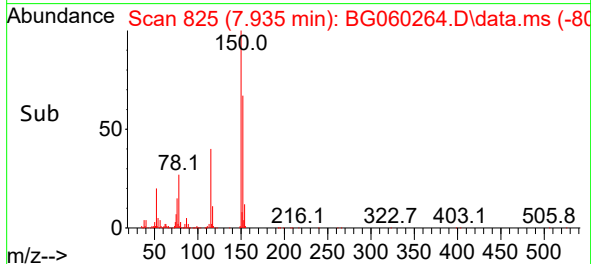
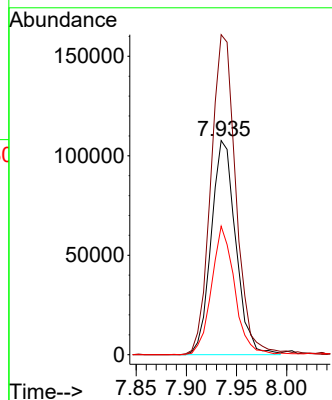
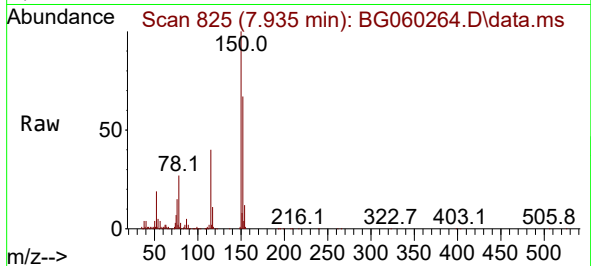




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

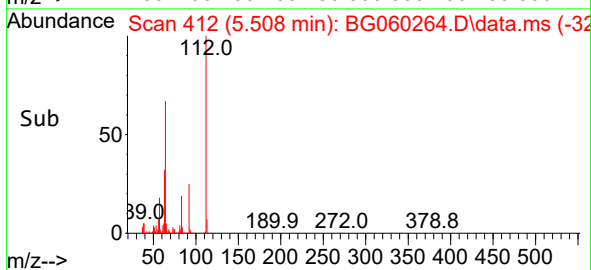
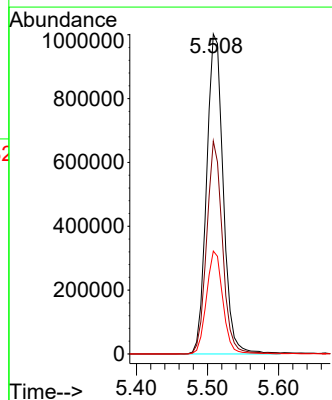
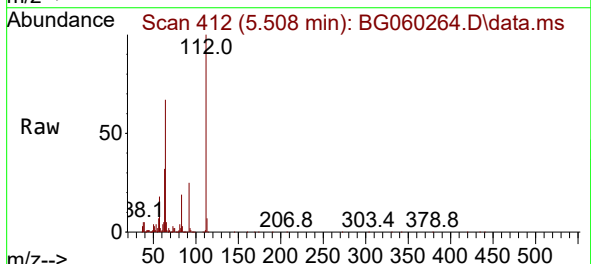
Instrument :
BNA_G
ClientSampleId :
MR-300-2.0-2.5

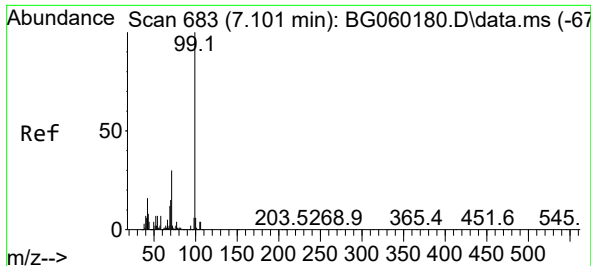
Tgt Ion:152 Resp: 183087
Ion Ratio Lower Upper
152 100
150 149.5 123.4 185.0
115 60.0 45.4 68.0



#5
2-Fluorophenol
Concen: 134.479 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

Tgt Ion:112 Resp: 1631271
Ion Ratio Lower Upper
112 100
64 66.6 52.2 78.4
63 32.1 25.4 38.0

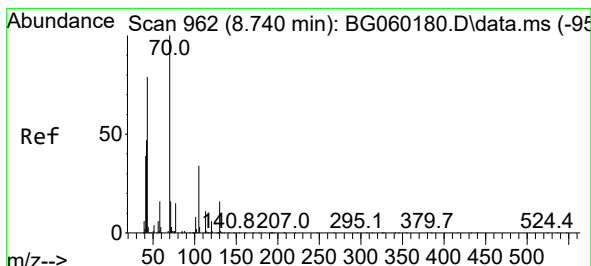
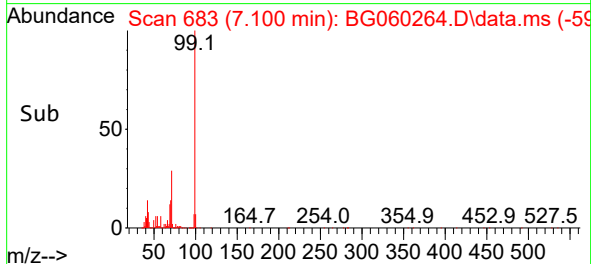
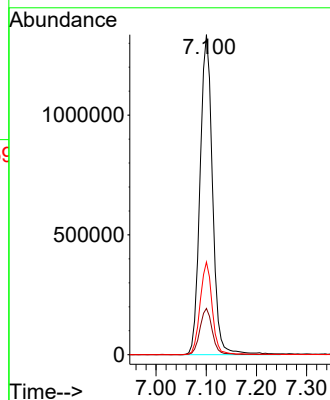
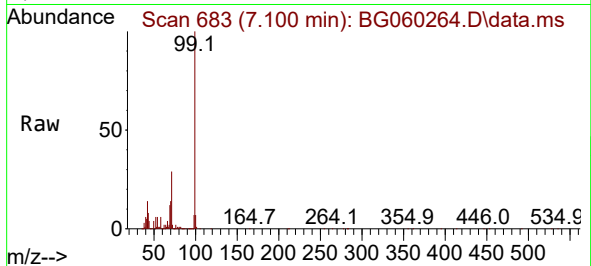




#7
Phenol-d6
Concen: 128.370 ng
RT: 7.100 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

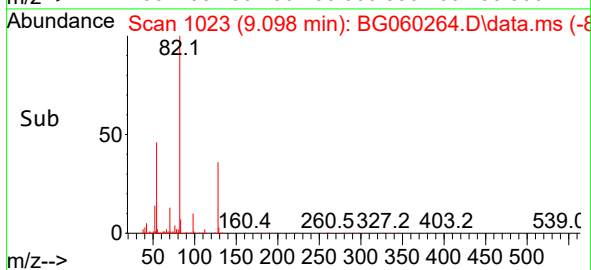
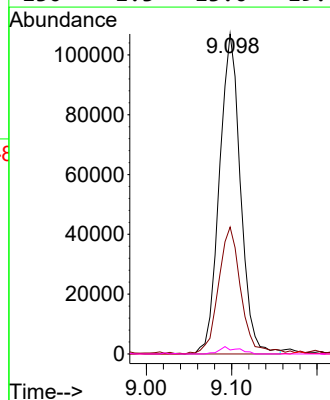
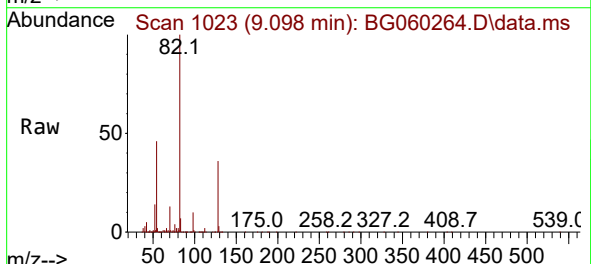
Instrument :
BNA_G
ClientSampleId :
MR-300-2.0-2.5

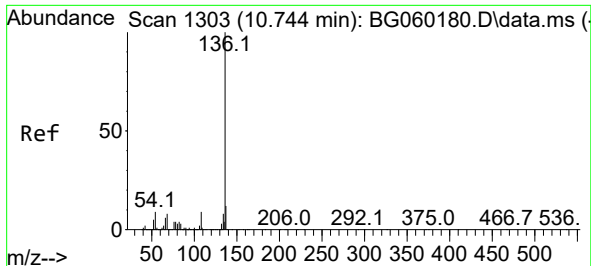
Tgt Ion: 99 Resp: 2312025
Ion Ratio Lower Upper
99 100
42 14.5 12.5 18.7
71 29.0 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 14.962 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.358 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

Tgt Ion: 70 Resp: 184098
Ion Ratio Lower Upper
70 100
42 39.6 37.9 56.9
101 0.0 6.2 9.2#
130 1.3 13.0 19.4#

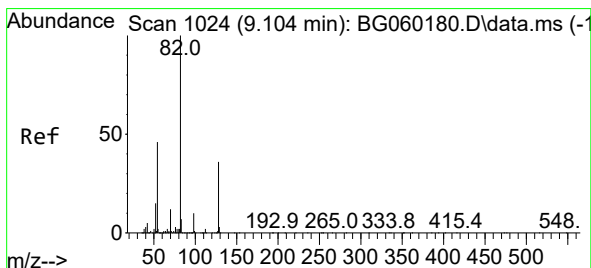
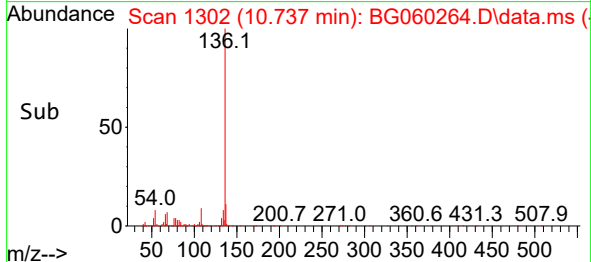
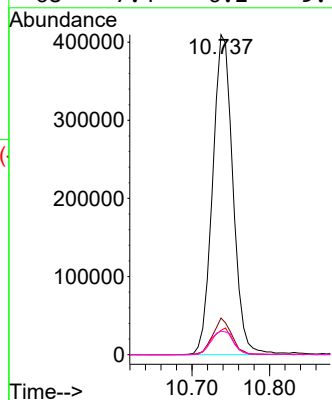
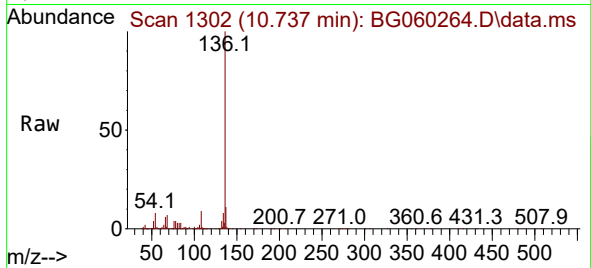




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

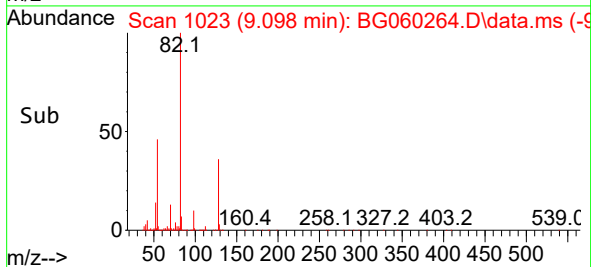
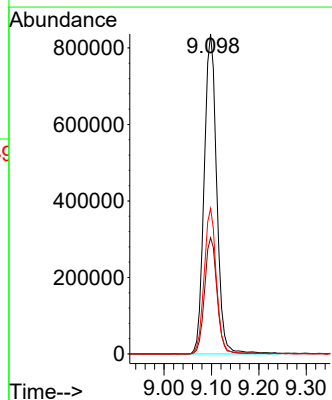
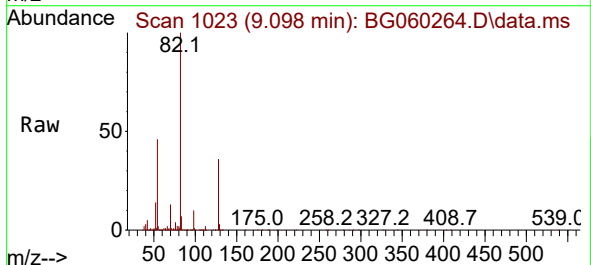
Instrument :
BNA_G
ClientSampleId :
MR-300-2.0-2.5

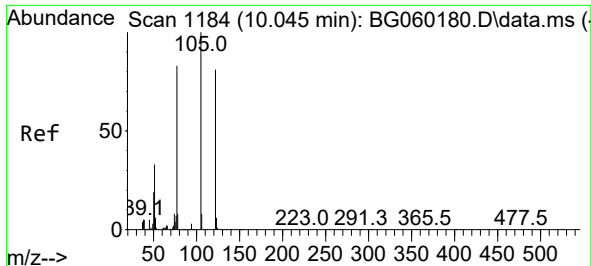
Tgt Ion:136 Resp: 745085
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.0
54 7.6 7.4 11.2
68 7.4 6.2 9.4



#23
Nitrobenzene-d5
Concen: 95.468 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

Tgt Ion: 82 Resp: 1539982
Ion Ratio Lower Upper
82 100
128 36.4 28.7 43.1
54 45.5 36.9 55.3

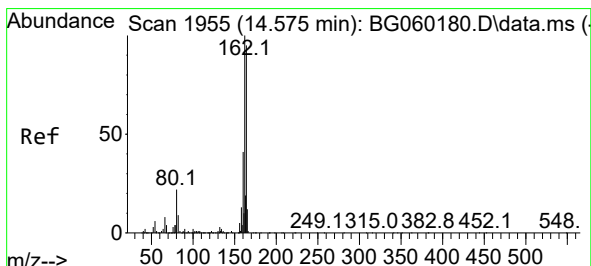
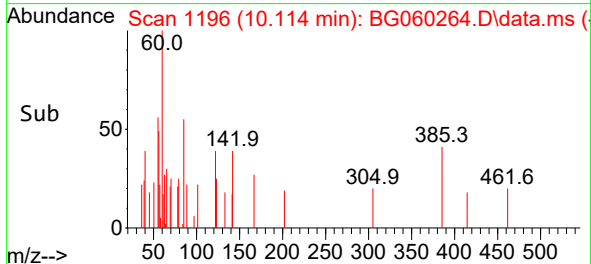
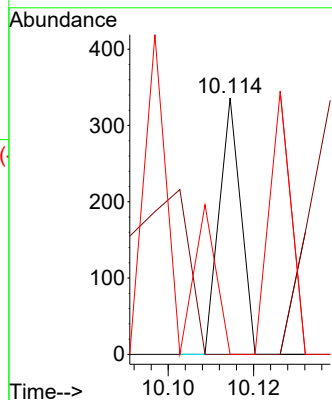
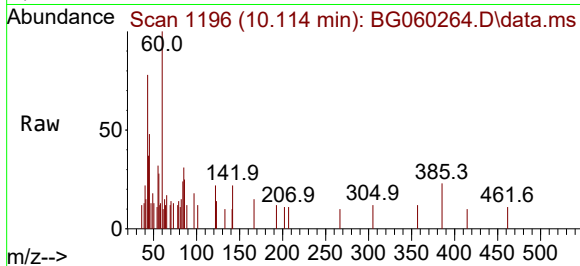




#32
Benzoic acid
Concen: 10.283 ng
RT: 10.114 min Scan# 1184
Delta R.T. 0.069 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

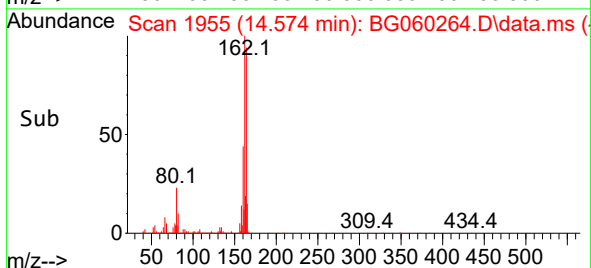
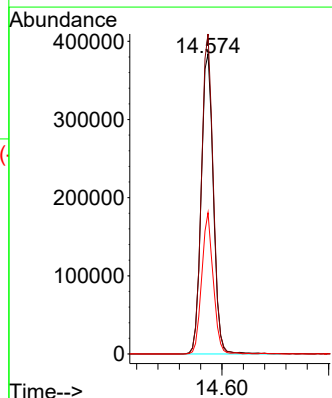
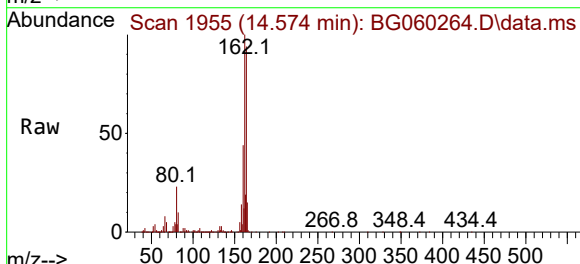
Instrument :
BNA_G
ClientSampleId :
MR-300-2.0-2.5

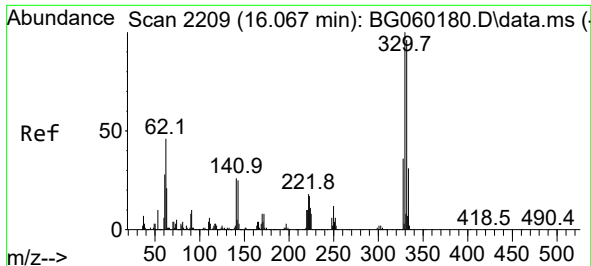
Tgt Ion:122 Resp: 118
Ion Ratio Lower Upper
122 100
105 0.0 99.2 139.2#
77 0.0 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

Tgt Ion:164 Resp: 606096
Ion Ratio Lower Upper
164 100
162 106.6 83.9 125.9
160 47.0 34.2 51.4

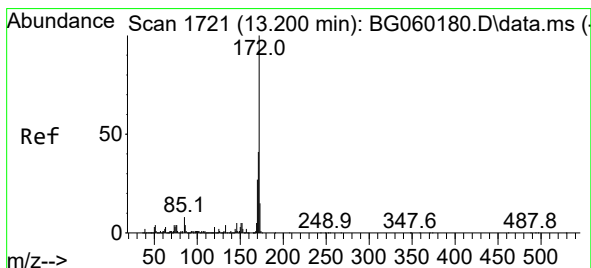
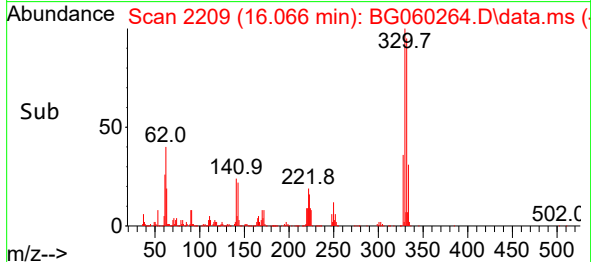
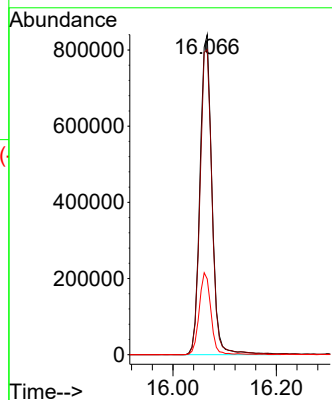
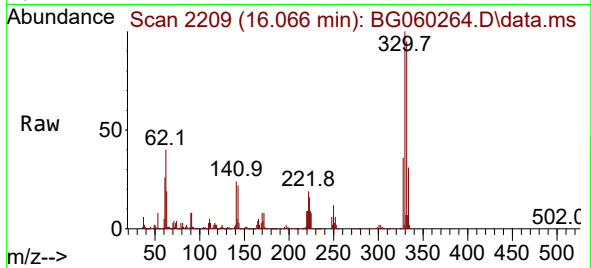




#42
2,4,6-Tribromophenol
Concen: 165.956 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

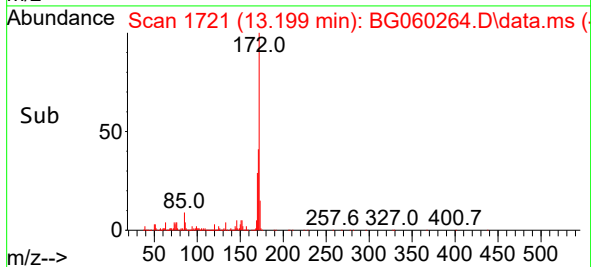
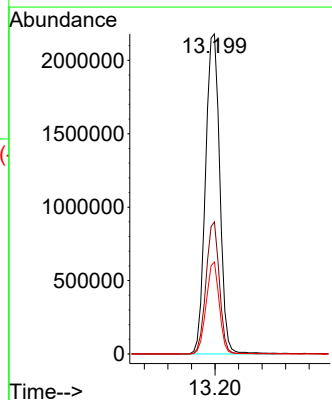
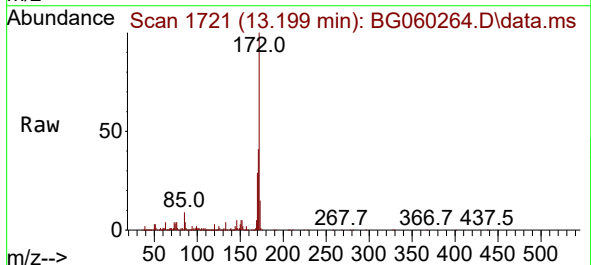
Instrument :
BNA_G
ClientSampleId :
MR-300-2.0-2.5

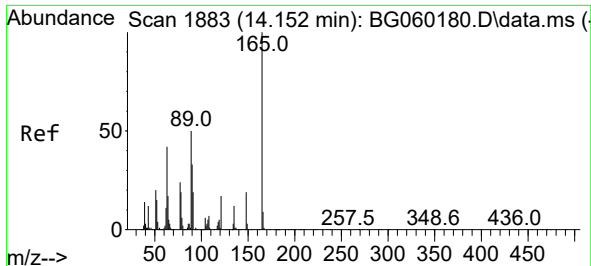
Tgt Ion:330 Resp: 1346435
Ion Ratio Lower Upper
330 100
332 95.7 76.7 115.1
141 24.8 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 87.056 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.001 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

Tgt Ion:172 Resp: 3671280
Ion Ratio Lower Upper
172 100
171 41.2 32.6 48.8
170 28.7 21.8 32.6

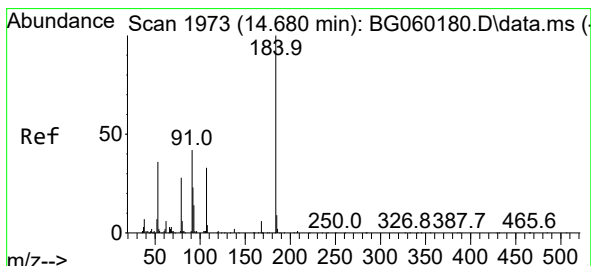
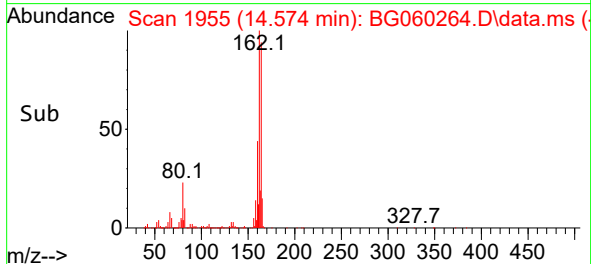
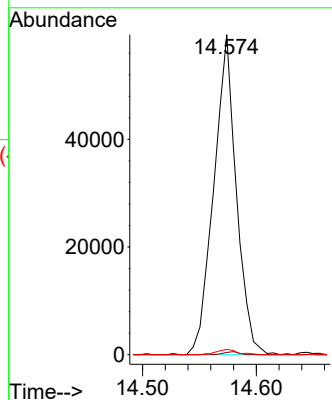
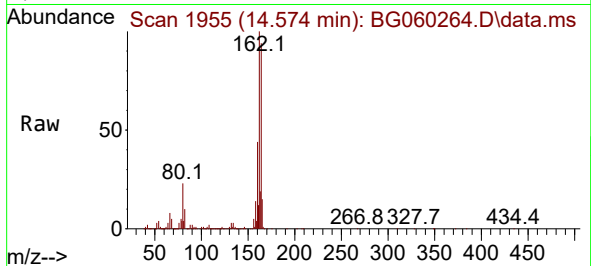




#51
2,6-Dinitrotoluene
Concen: 8.415 ng
RT: 14.574 min Scan# 1955
Delta R.T. 0.422 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

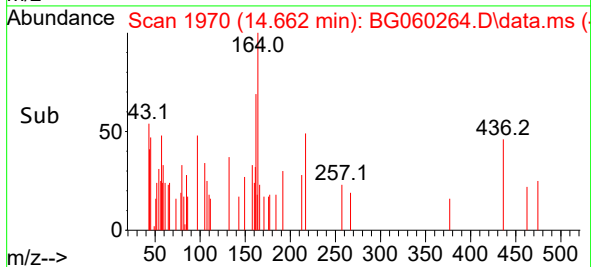
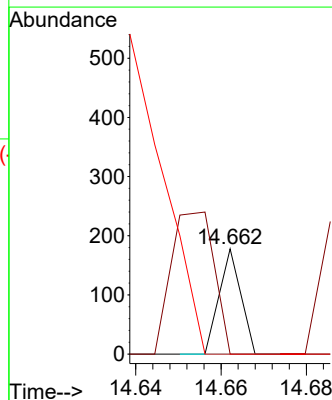
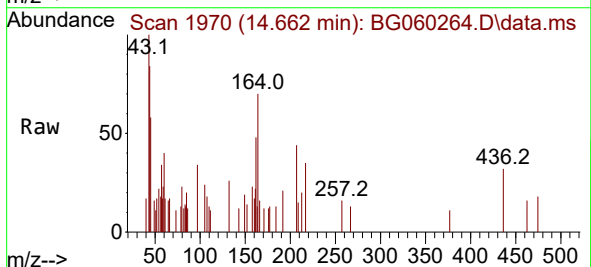
Instrument :
BNA_G
ClientSampleId :
MR-300-2.0-2.5

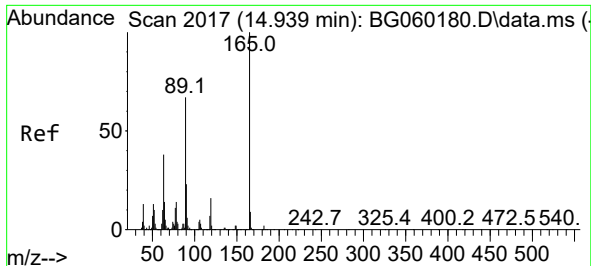
Tgt Ion:165 Resp: 81909
Ion Ratio Lower Upper
165 100
63 0.7 39.3 58.9#
89 1.6 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.246 ng
RT: 14.662 min Scan# 1970
Delta R.T. -0.018 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

Tgt Ion:184 Resp: 63
Ion Ratio Lower Upper
184 100
63 0.0 45.4 68.2#
154 0.0 40.0 60.0#





#57

2,4-Dinitrotoluene

Concen: 6.189 ng

RT: 14.574 min Scan# 1955

Delta R.T. -0.365 min

Lab File: BG060264.D

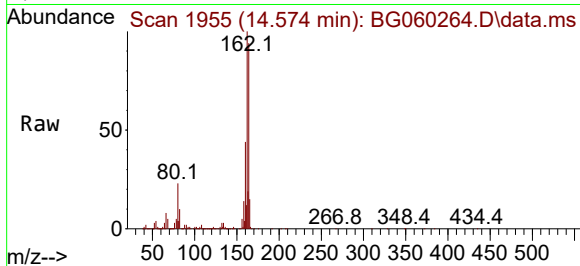
Acq: 5 Jan 2024 4:27

Instrument :

BNA_G

ClientSampleId :

MR-300-2.0-2.5



Tgt Ion:165 Resp: 81909

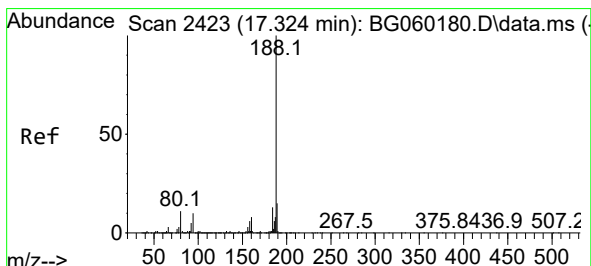
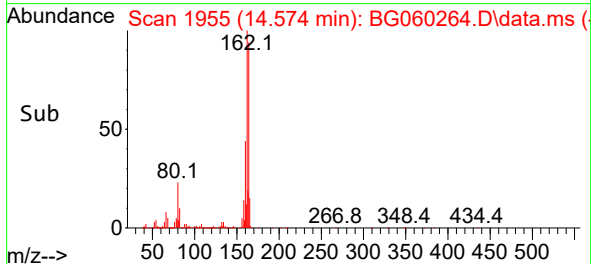
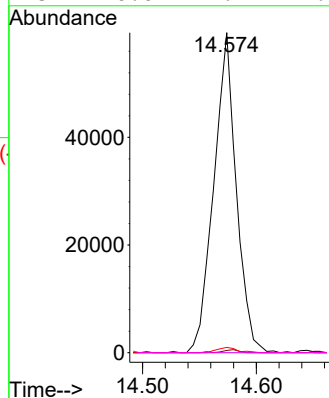
Ion Ratio Lower Upper

165 100

63 0.7 31.0 46.6#

89 1.6 53.3 79.9#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 2423

Delta R.T. -0.001 min

Lab File: BG060264.D

Acq: 5 Jan 2024 4:27

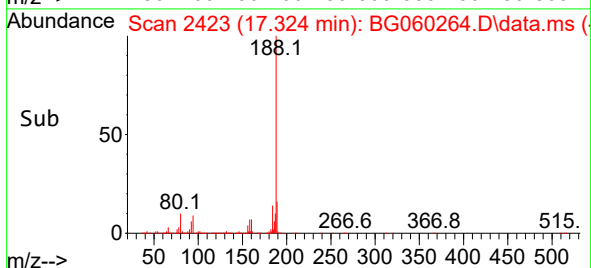
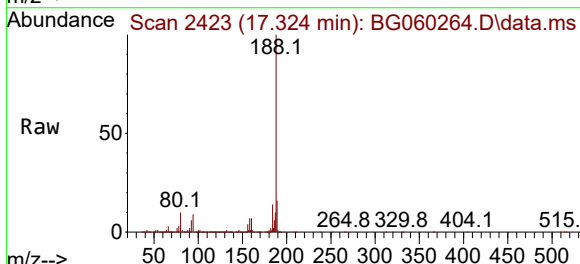
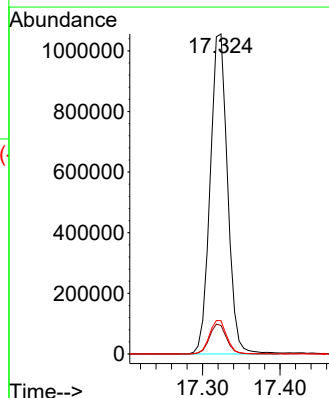
Tgt Ion:188 Resp: 1644934

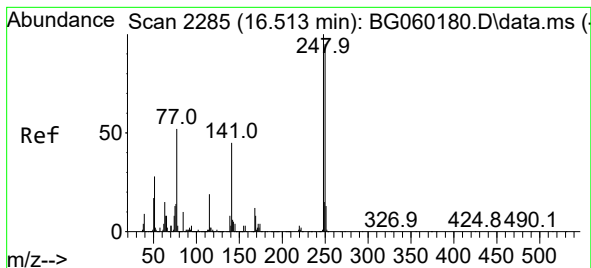
Ion Ratio Lower Upper

188 100

94 8.9 7.8 11.6

80 10.4 8.6 13.0

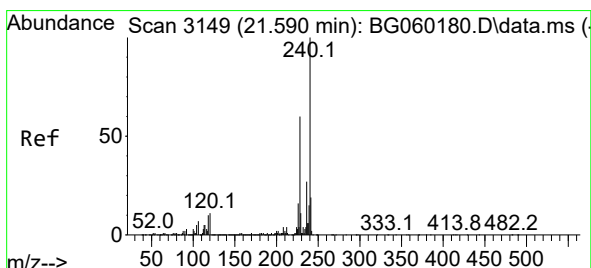
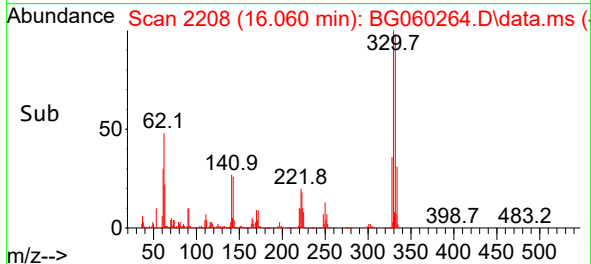
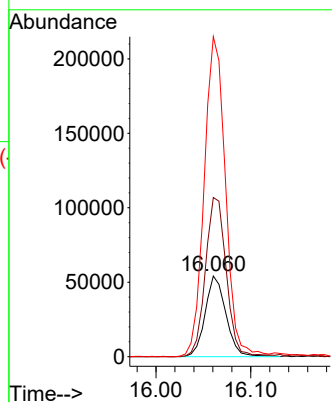
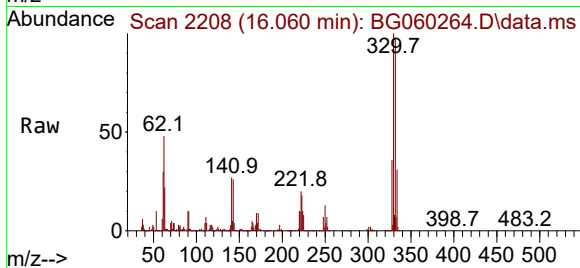




#67
4-Bromophenyl-phenylether
Concen: 4.734 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

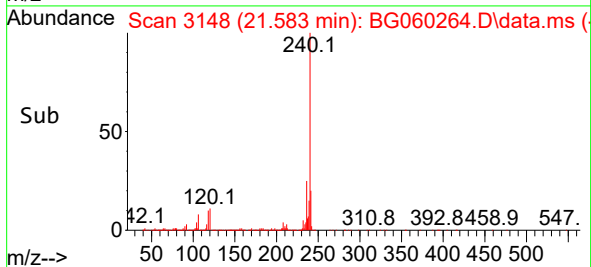
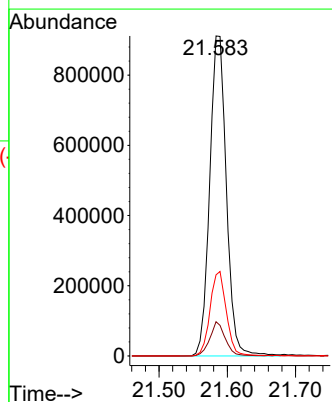
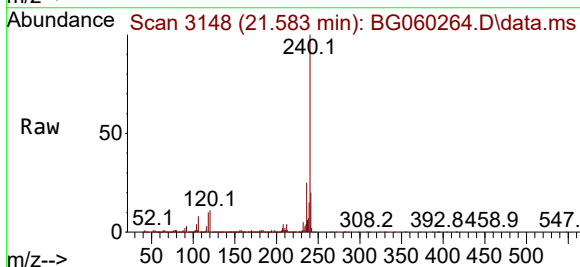
Instrument :
BNA_G
ClientSampleId :
MR-300-2.0-2.5

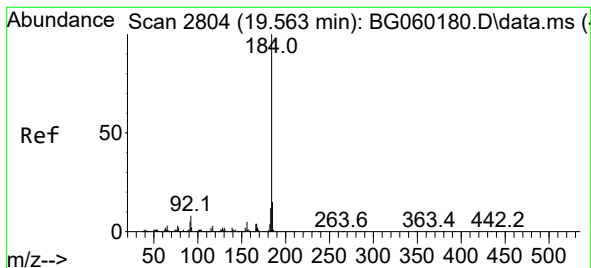
Tgt Ion:248 Resp: 82554
Ion Ratio Lower Upper
248 100
250 197.5 76.2 114.4#
141 397.0 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

Tgt Ion:240 Resp: 1552174
Ion Ratio Lower Upper
240 100
120 10.7 8.5 12.7
236 25.4 21.4 32.2





#77

Benzidine

Concen: 2.541 ng

RT: 19.944 min Scan# 2869

Delta R.T. 0.381 min

Lab File: BG060264.D

Acq: 5 Jan 2024 4:27

Instrument :

BNA_G

ClientSampleId :

MR-300-2.0-2.5

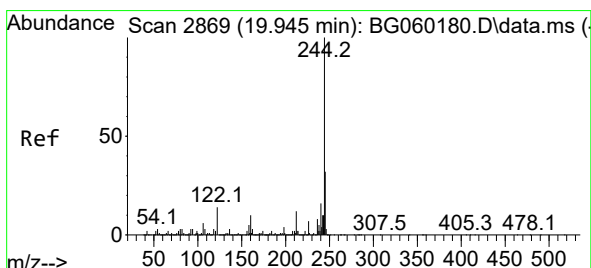
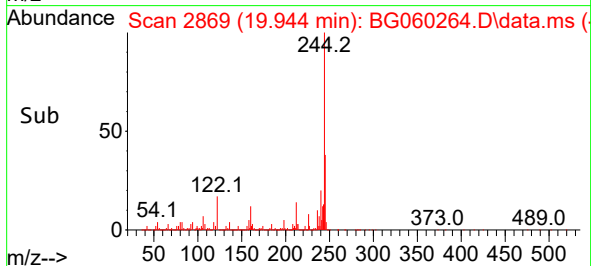
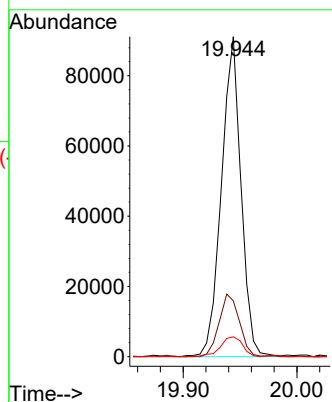
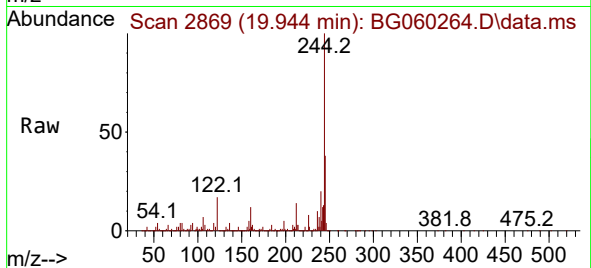
Tgt Ion:184 Resp: 109157

Ion Ratio Lower Upper

184 100

185 17.5 11.7 17.5

183 6.2 9.4 14.2#



#79

Terphenyl-d14

Concen: 70.803 ng

RT: 19.944 min Scan# 2869

Delta R.T. -0.001 min

Lab File: BG060264.D

Acq: 5 Jan 2024 4:27

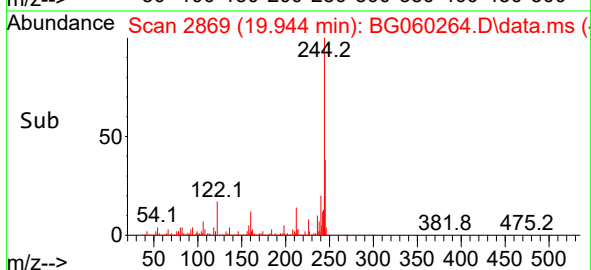
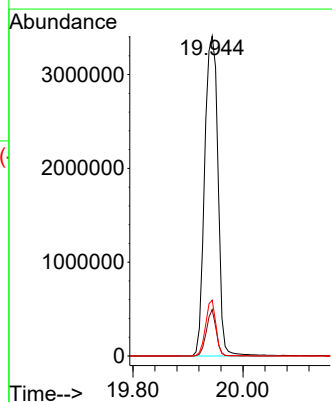
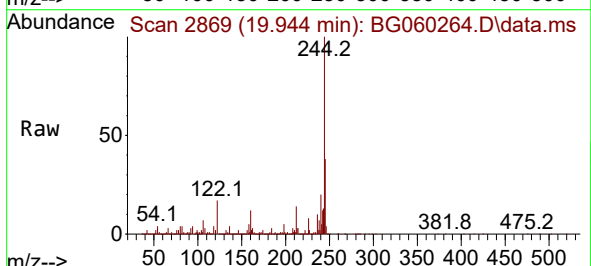
Tgt Ion:244 Resp: 5716492

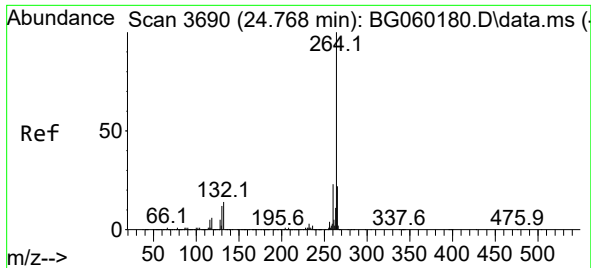
Ion Ratio Lower Upper

244 100

212 14.5 9.5 14.3#

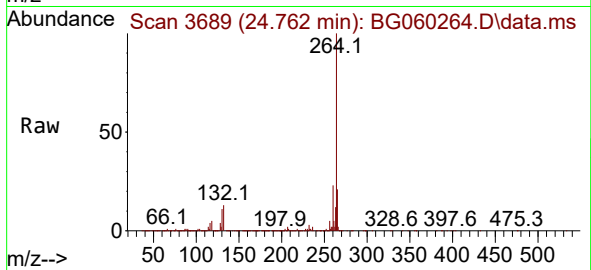
122 17.5 11.4 17.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.762 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG060264.D
Acq: 5 Jan 2024 4:27

Instrument :
BNA_G
ClientSampleId :
MR-300-2.0-2.5



Tgt Ion:264 Resp: 1740112

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.0	27.0
265	21.2	17.4	26.0

