

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060272.D
 Acq On : 5 Jan 2024 15:57
 Operator : MA/JU
 Sample : 05965-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 16:39:42 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)

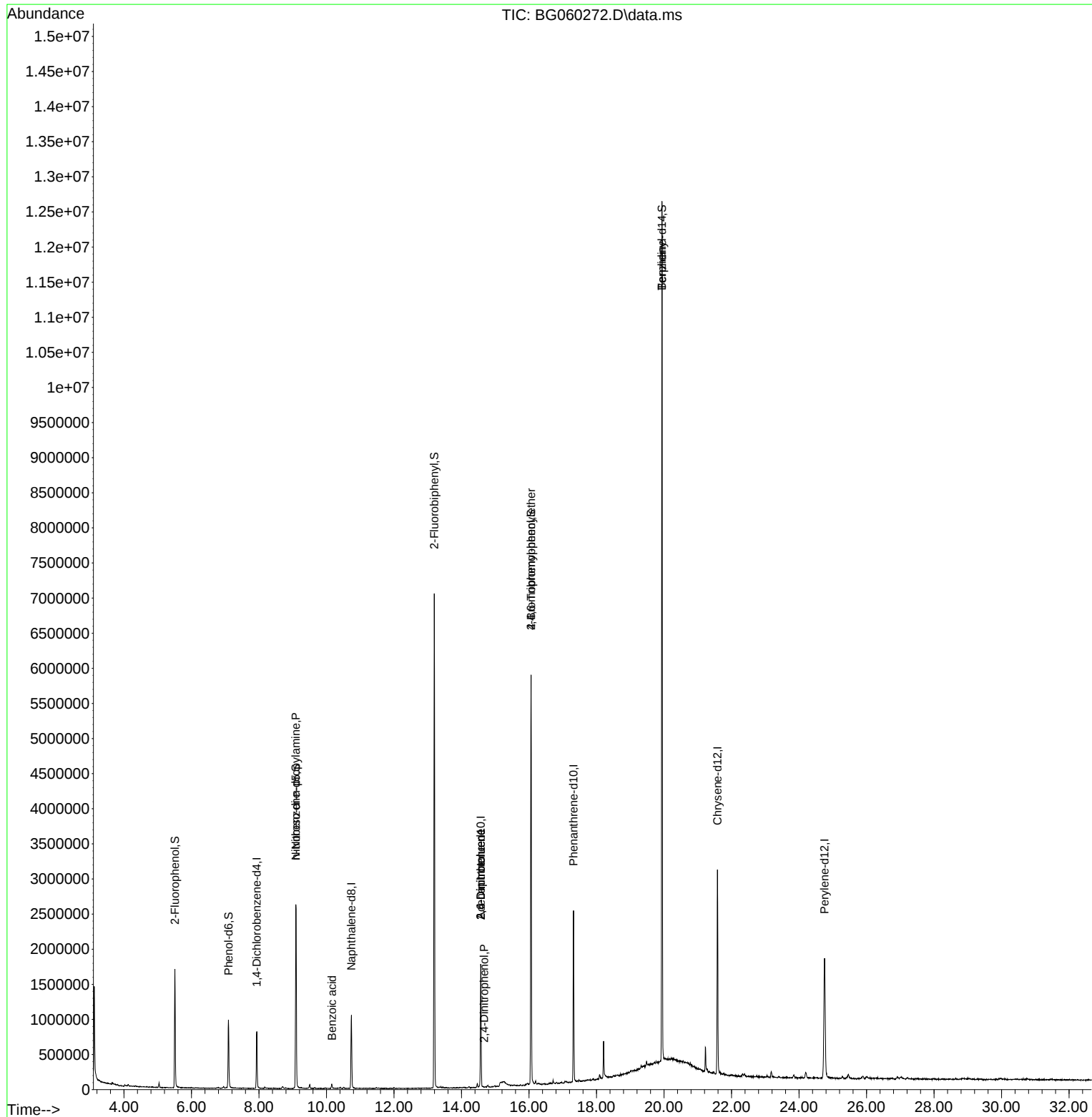
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	248498	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	918769	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	645862	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	1611758	20.000	ng	0.00
76) Chrysene-d12	21.584	240	1675225	20.000	ng	0.00
86) Perylene-d12	24.757	264	1929387	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	817737	49.668	ng	0.00
7) Phenol-d6	7.095	99	676506	27.674	ng	0.00
23) Nitrobenzene-d5	9.093	82	1796455	90.314	ng	-0.01
42) 2,4,6-Tribromophenol	16.061	330	1209044	139.846	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	3810930	84.804	ng	0.00
79) Terphenyl-d14	19.939	244	5451126	62.557	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.093	70	214494	12.844	ng	# 86
32) Benzoic acid	10.162	122	12598	11.372	ng	# 25
51) 2,6-Dinitrotoluene	14.569	165	86248	8.316	ng	# 30
54) 2,4-Dinitrophenol	14.669	184	87	8.249	ng	# 25
57) 2,4-Dinitrotoluene	14.569	165	86248	6.115	ng	# 27
67) 4-Bromophenyl-phenylether	16.061	248	74397	4.354	ng	# 1
77) Benzidine	19.939	184	98754	2.130	ng	# 90

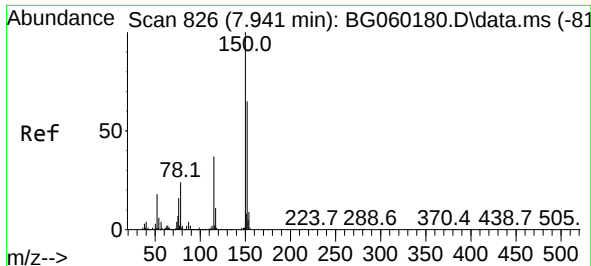
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
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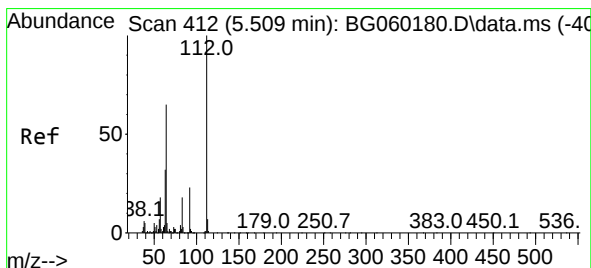
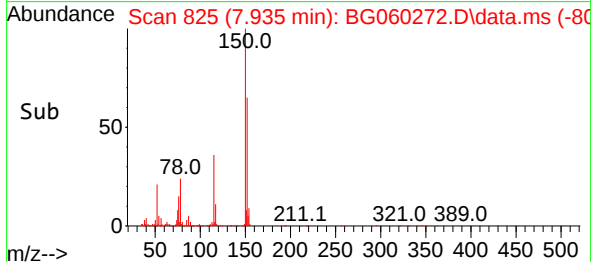
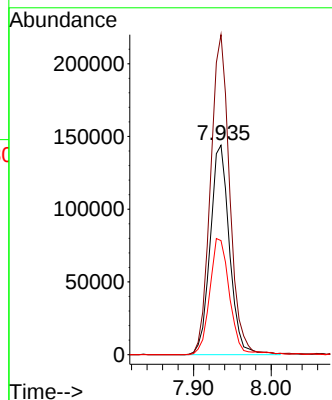
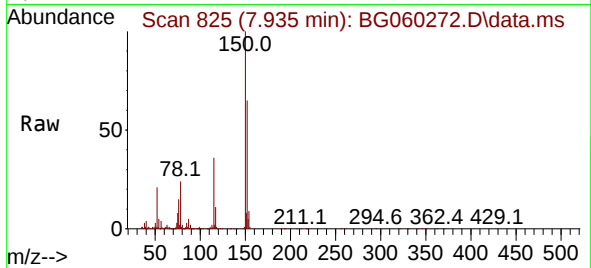




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

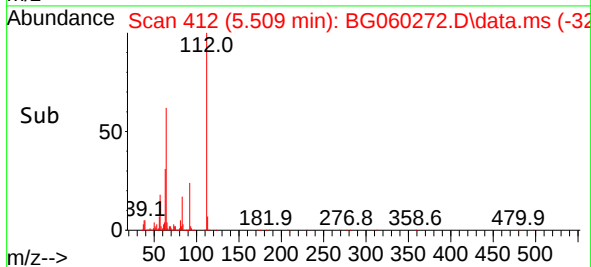
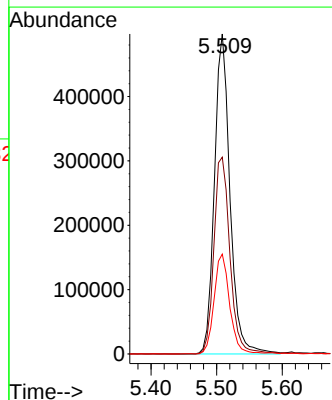
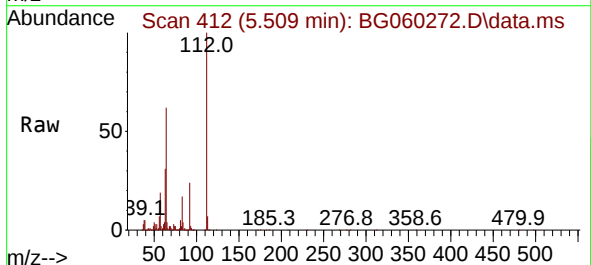
Instrument :
BNA_G
ClientSampleId :

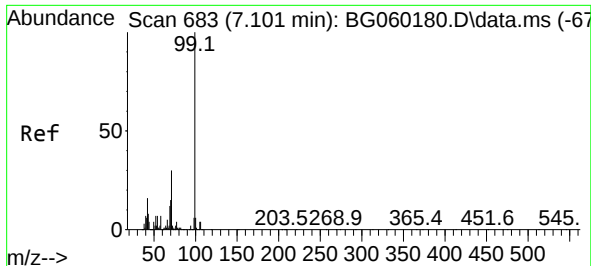
Tgt Ion:152 Resp: 248498
Ion Ratio Lower Upper
152 100
150 152.8 123.4 185.0
115 54.5 45.4 68.0



#5
2-Fluorophenol
Concen: 49.668 ng
RT: 5.509 min Scan# 412
Delta R.T. -0.000 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

Tgt Ion:112 Resp: 817737
Ion Ratio Lower Upper
112 100
64 61.5 52.2 78.4
63 31.2 25.4 38.0

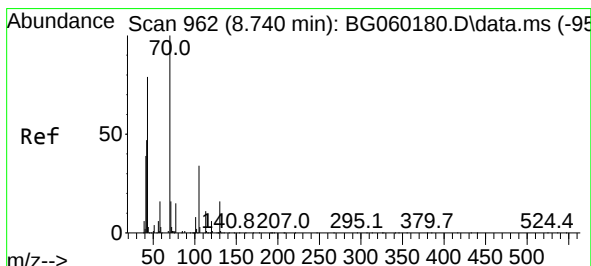
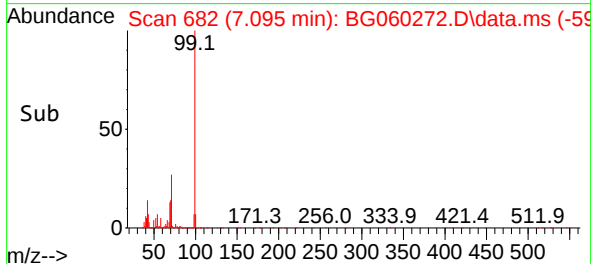
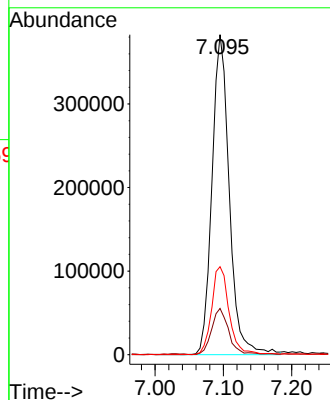
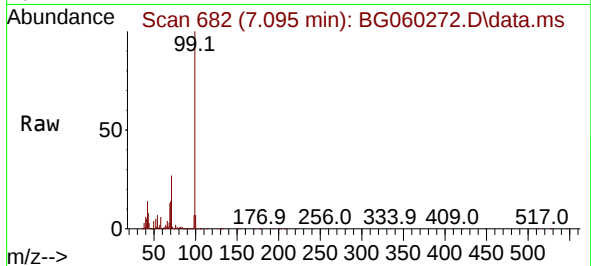




#7
Phenol-d6
Concen: 27.674 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

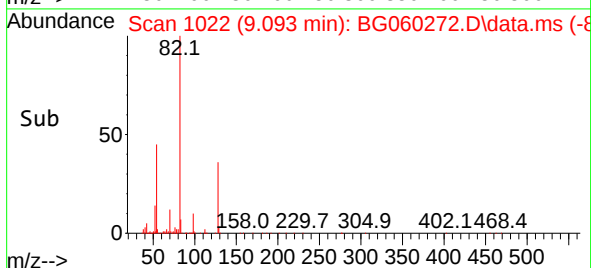
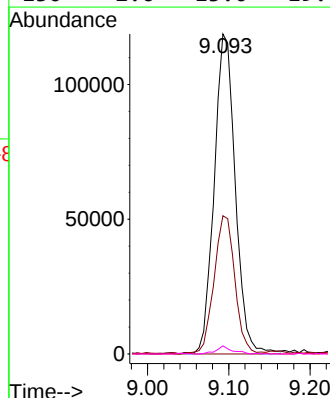
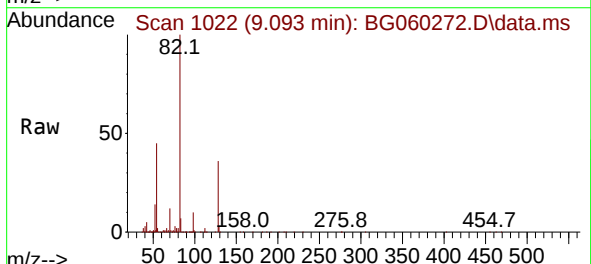
Instrument :
BNA_G
ClientSampleId :

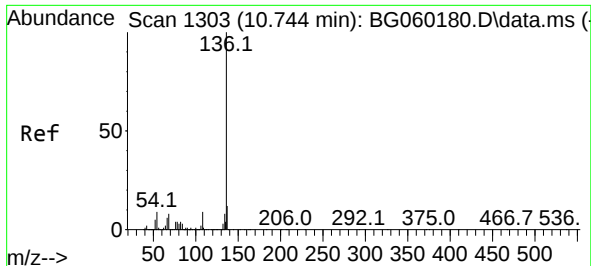
Tgt Ion: 99 Resp: 676506
Ion Ratio Lower Upper
99 100
42 14.5 12.5 18.7
71 27.5 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 12.844 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.353 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

Tgt Ion: 70 Resp: 214494
Ion Ratio Lower Upper
70 100
42 43.2 37.9 56.9
101 0.0 6.2 9.2#
130 2.6 13.0 19.4#

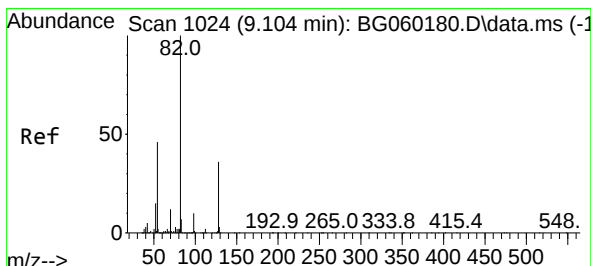
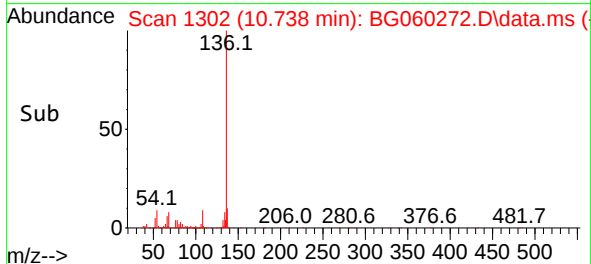
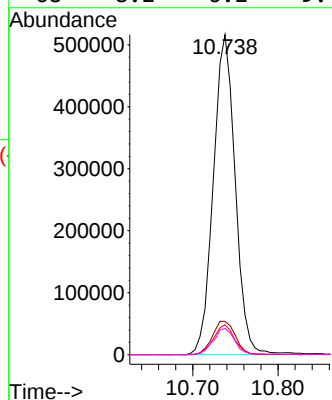
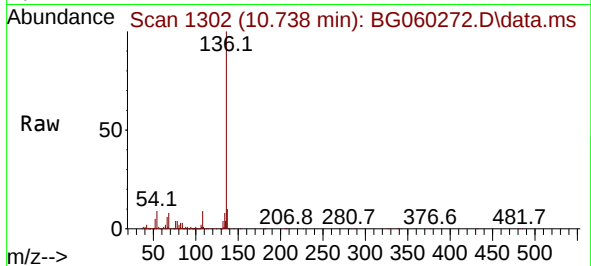




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

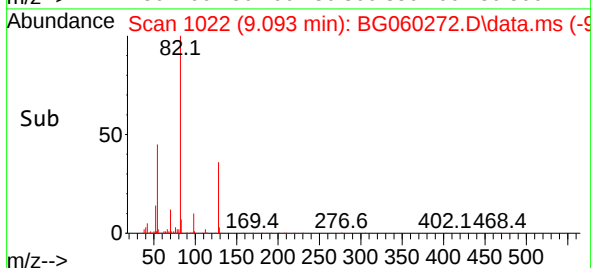
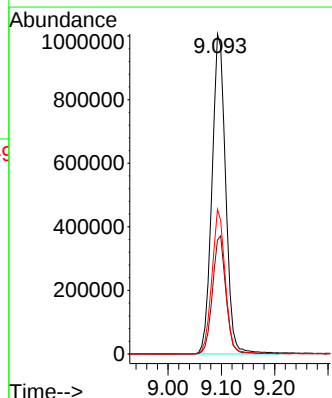
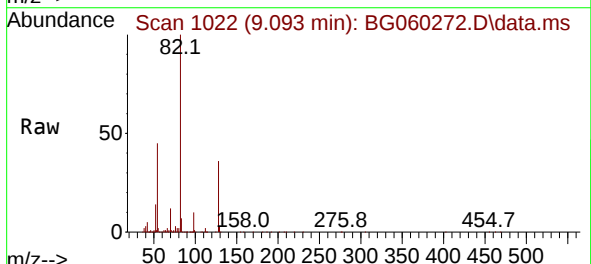
Instrument :
BNA_G
ClientSampleId :

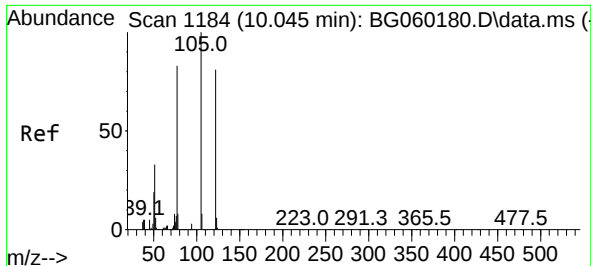
Tgt Ion:136 Resp: 918769
Ion Ratio Lower Upper
136 100
137 10.4 9.4 14.0
54 9.3 7.4 11.2
68 8.2 6.2 9.4



#23
Nitrobenzene-d5
Concen: 90.314 ng
RT: 9.093 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

Tgt Ion: 82 Resp: 1796455
Ion Ratio Lower Upper
82 100
128 35.6 28.7 43.1
54 45.2 36.9 55.3

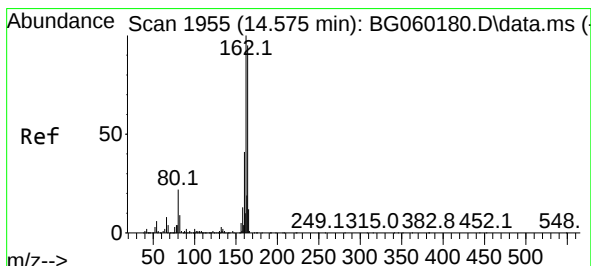
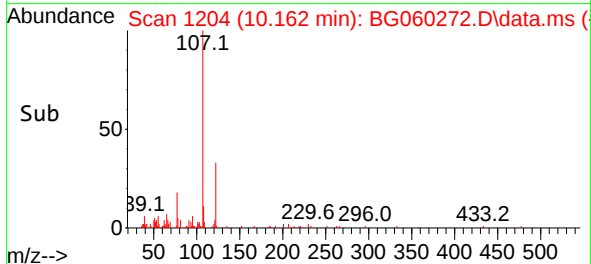
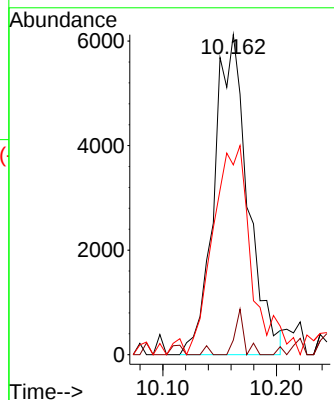
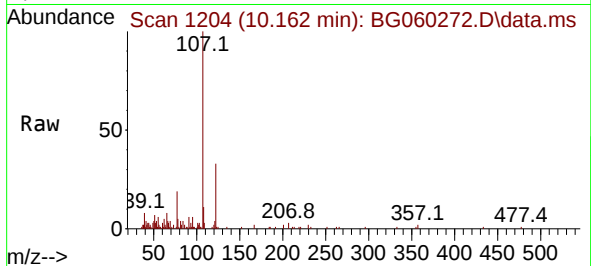




#32
Benzoic acid
Concen: 11.372 ng
RT: 10.162 min Scan# 1184
Delta R.T. 0.117 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

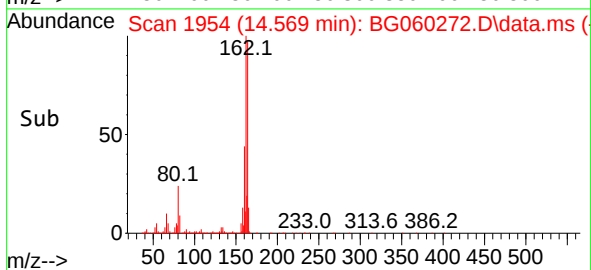
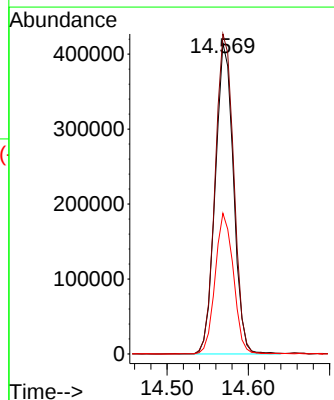
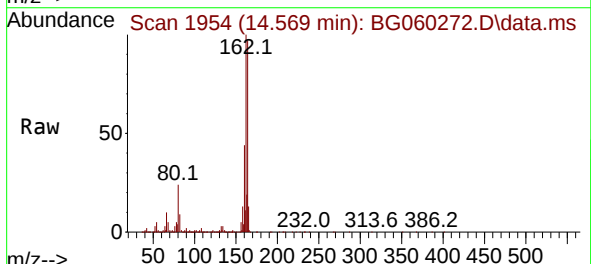
Instrument :
BNA_G
ClientSampleId :

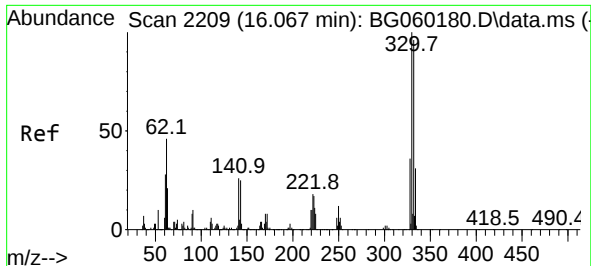
Tgt Ion:122 Resp: 12598
Ion Ratio Lower Upper
122 100
105 4.5 99.2 139.2#
77 59.3 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

Tgt Ion:164 Resp: 645862
Ion Ratio Lower Upper
164 100
162 102.9 83.9 125.9
160 45.3 34.2 51.4

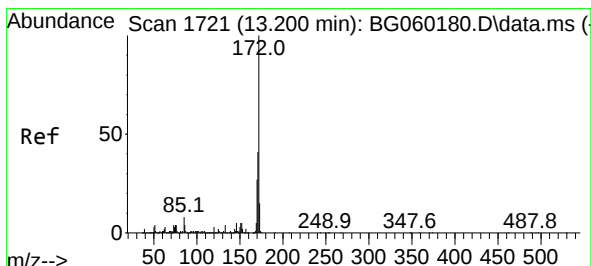
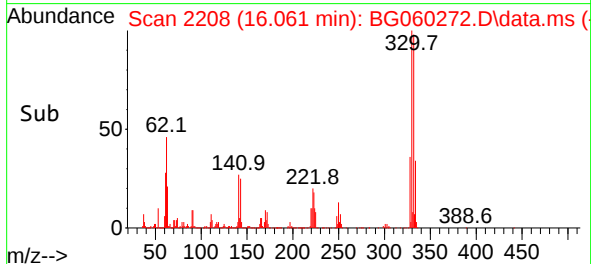
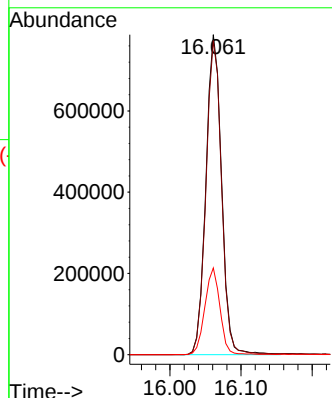
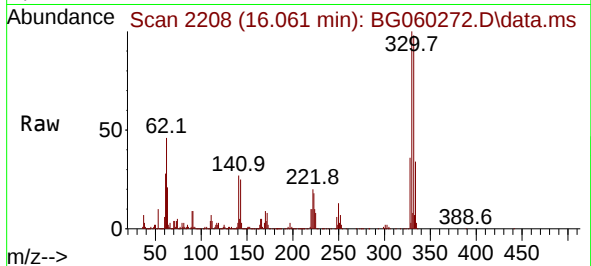




#42
2,4,6-Tribromophenol
Concen: 139.846 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

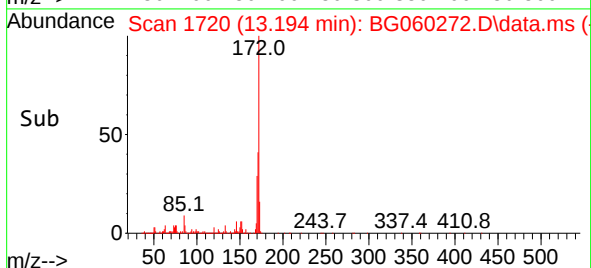
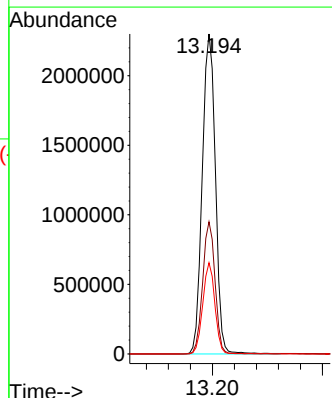
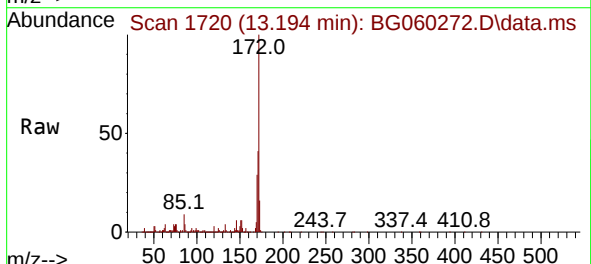
Instrument :
BNA_G
ClientSampleId :

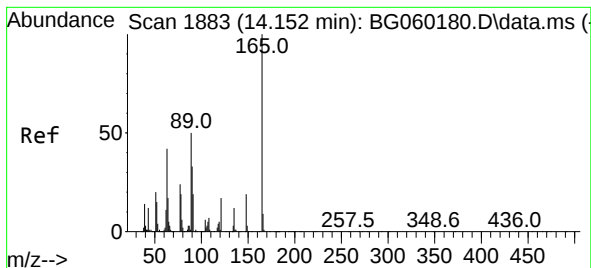
Tgt Ion:330 Resp: 1209044
Ion Ratio Lower Upper
330 100
332 97.8 76.7 115.1
141 26.2 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 84.804 ng
RT: 13.194 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

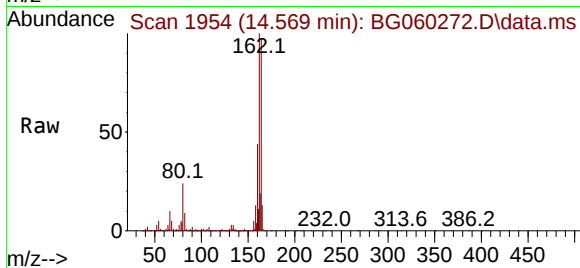
Tgt Ion:172 Resp: 3810930
Ion Ratio Lower Upper
172 100
171 41.3 32.6 48.8
170 28.5 21.8 32.6



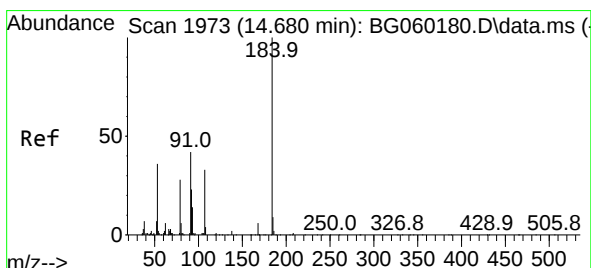
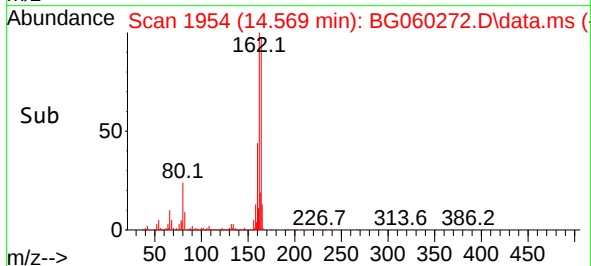
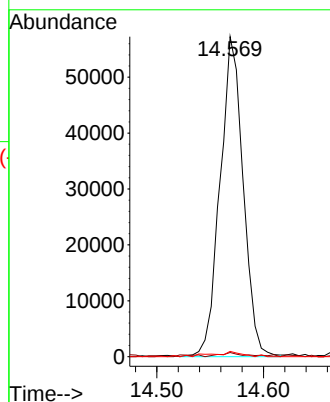


#51
2,6-Dinitrotoluene
Concen: 8.316 ng
RT: 14.569 min Scan# 1954
Delta R.T. 0.417 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

Instrument :
BNA_G
ClientSampleId :

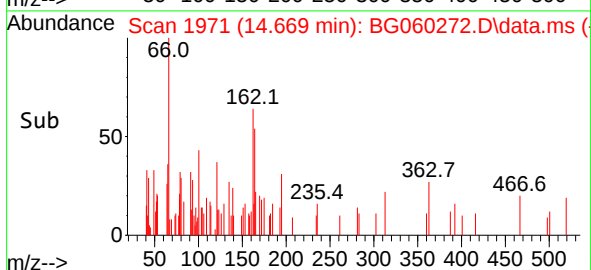
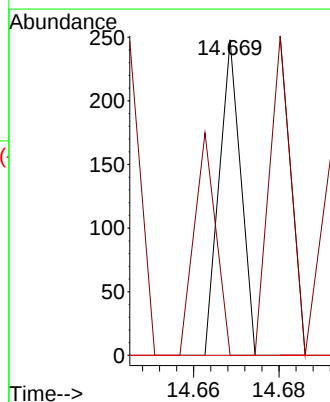
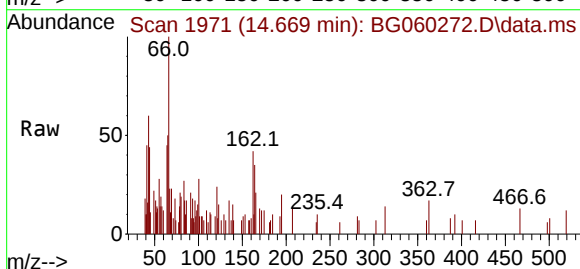


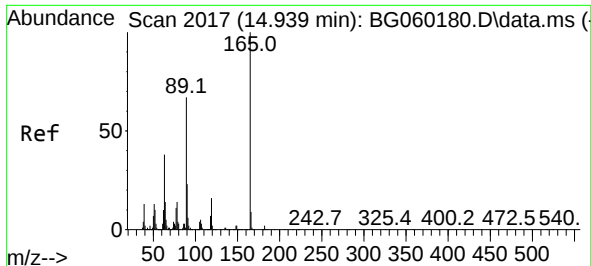
Tgt Ion:165 Resp: 86248
Ion Ratio Lower Upper
165 100
63 1.3 39.3 58.9#
89 1.6 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.249 ng
RT: 14.669 min Scan# 1971
Delta R.T. -0.011 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

Tgt Ion:184 Resp: 87
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: 6.115 ng

RT: 14.569 min Scan# 1954

Delta R.T. -0.370 min

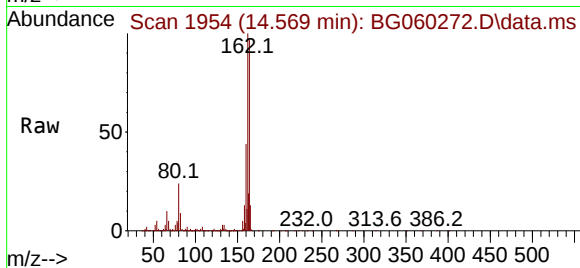
Lab File: BG060272.D

Acq: 5 Jan 2024 15:57

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 86248

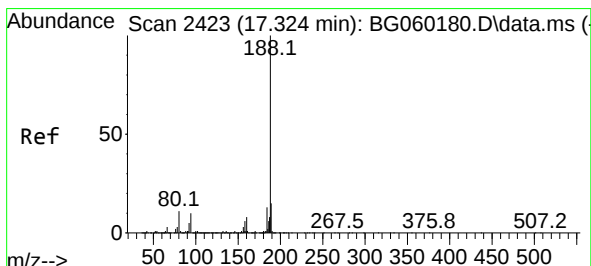
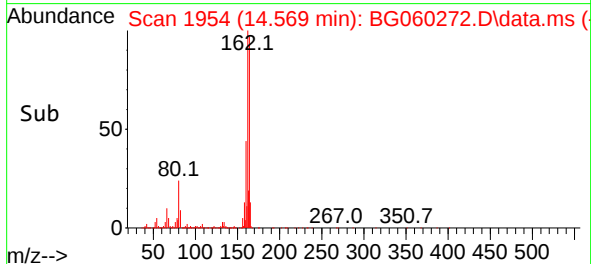
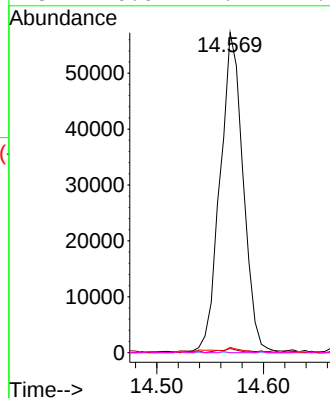
Ion Ratio Lower Upper

165 100

63 1.3 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: 17.318 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BG060272.D

Acq: 5 Jan 2024 15:57

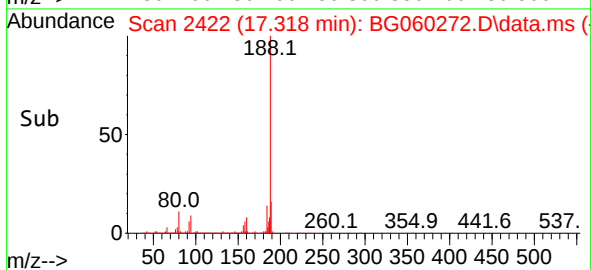
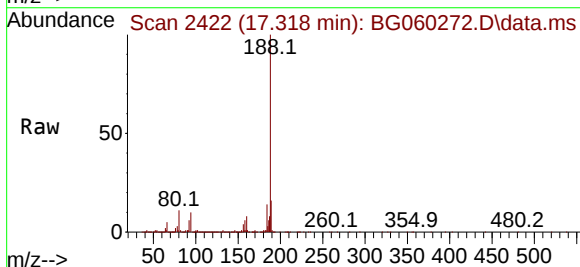
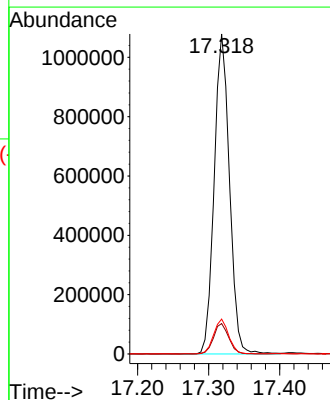
Tgt Ion:188 Resp: 1611758

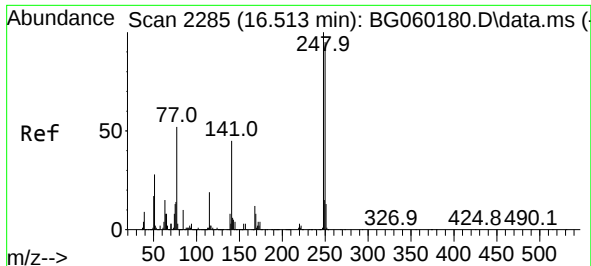
Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.6

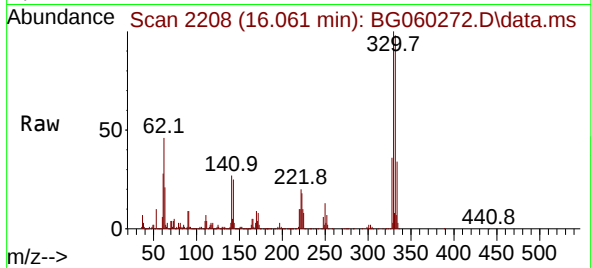
80 10.9 8.6 13.0



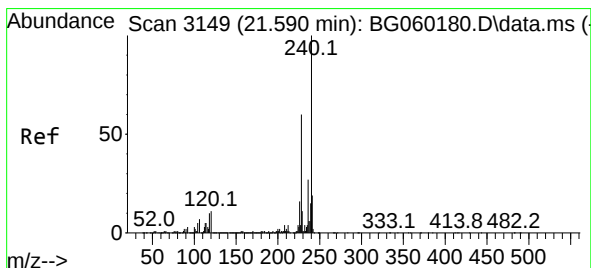
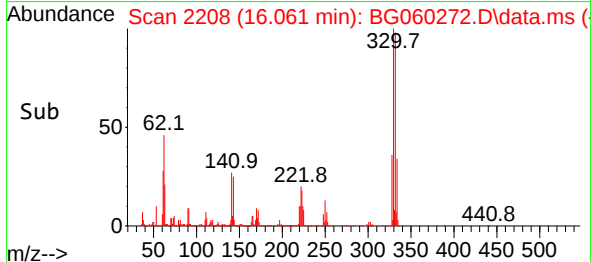
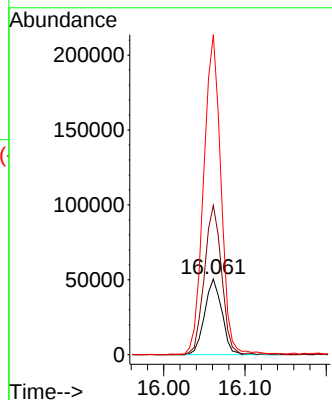


#67
4-Bromophenyl-phenylether
Concen: 4.354 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

Instrument :
BNA_G
ClientSampleId :

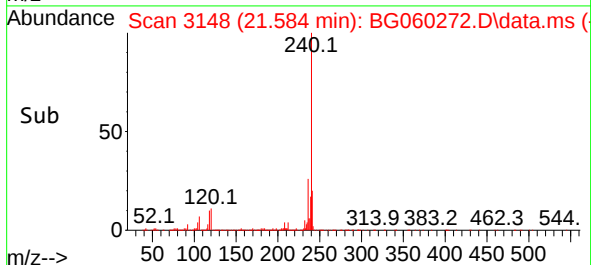
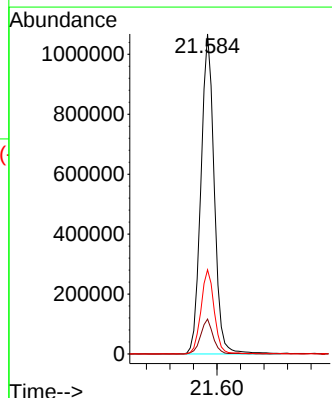
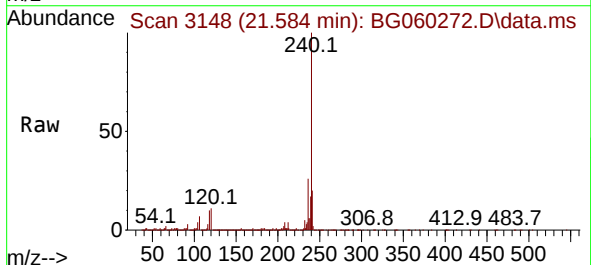


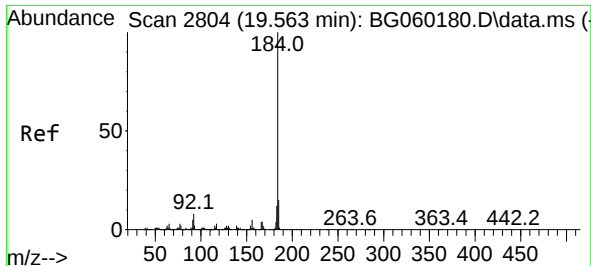
Tgt Ion:248 Resp: 74397
Ion Ratio Lower Upper
248 100
250 197.4 76.2 114.4#
141 423.0 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

Tgt Ion:240 Resp: 1675225
Ion Ratio Lower Upper
240 100
120 10.9 8.5 12.7
236 26.3 21.4 32.2

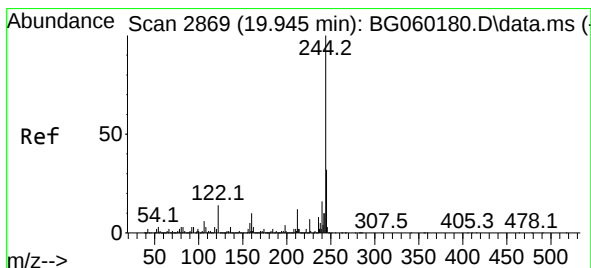
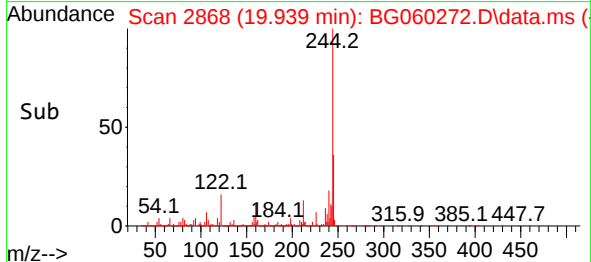
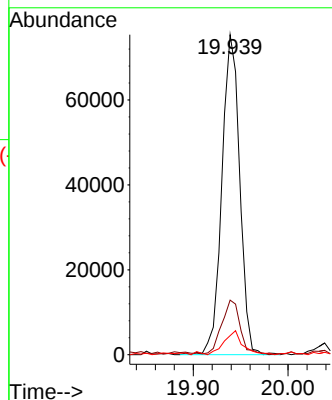
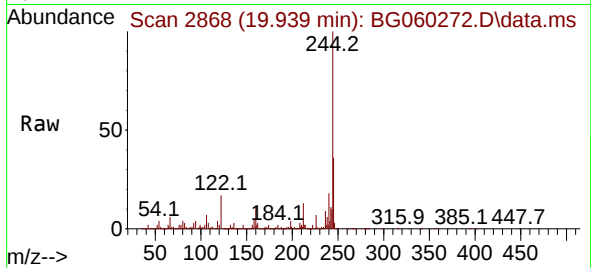




#77
Benzidine
Concen: 2.130 ng
RT: 19.939 min Scan# 2868
Delta R.T. 0.376 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

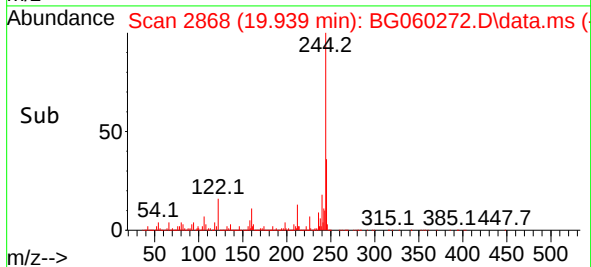
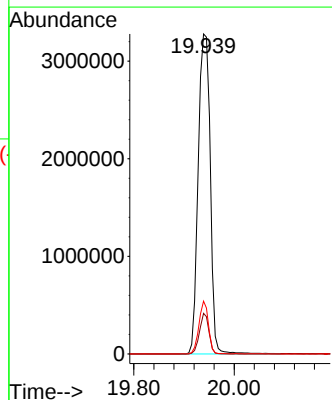
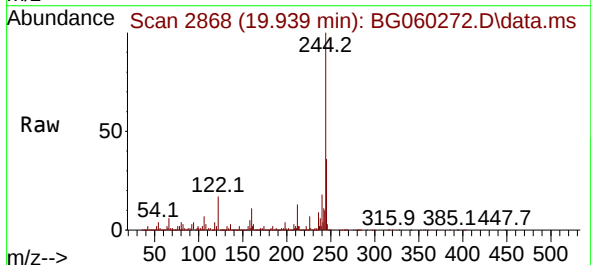
Instrument :
BNA_G
ClientSampleId :

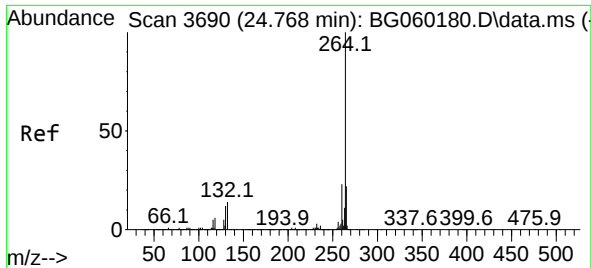
Tgt Ion:184 Resp: 98754
Ion Ratio Lower Upper
184 100
185 17.1 11.7 17.5
183 5.9 9.4 14.2#



#79
Terphenyl-d14
Concen: 62.557 ng
RT: 19.939 min Scan# 2868
Delta R.T. -0.006 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

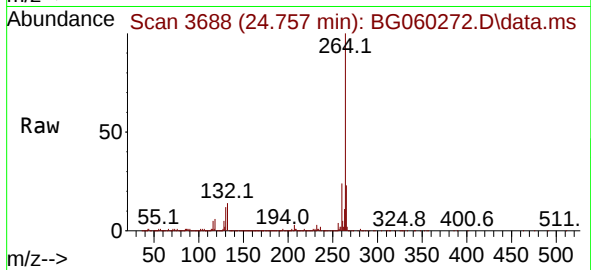
Tgt Ion:244 Resp: 5451126
Ion Ratio Lower Upper
244 100
212 12.7 9.5 14.3
122 16.5 11.4 17.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.757 min Scan# 30
Delta R.T. -0.012 min
Lab File: BG060272.D
Acq: 5 Jan 2024 15:57

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:264 Resp: 1929387

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.0	27.0
265	23.2	17.4	26.0

