

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060270.D
 Acq On : 5 Jan 2024 14:36
 Operator : MA/JU
 Sample : 05964-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 15:14:01 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)

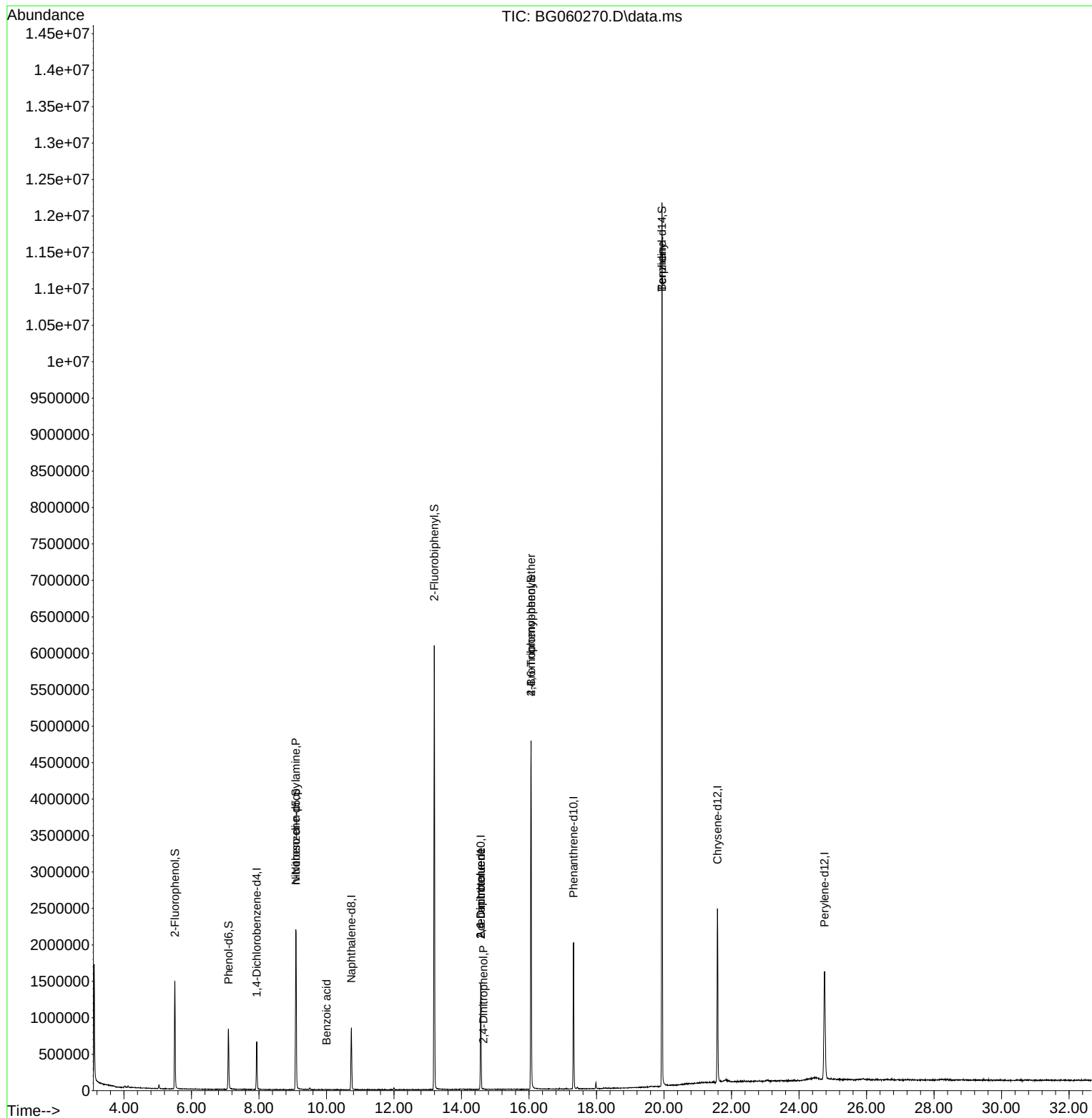
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	202041	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	742560	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	511023	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	1308005	20.000	ng	0.00
76) Chrysene-d12	21.584	240	1454556	20.000	ng	0.00
86) Perylene-d12	24.757	264	1688134	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	741466	55.391	ng	0.00
7) Phenol-d6	7.095	99	583438	29.355	ng	0.00
23) Nitrobenzene-d5	9.093	82	1531199	95.246	ng	-0.01
42) 2,4,6-Tribromophenol	16.061	330	1022675	149.501	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	3294450	92.655	ng	0.00
79) Terphenyl-d14	19.939	244	5393369	71.284	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.093	70	189344	13.945	ng	# 85
32) Benzoic acid	10.004	122	55	10.276	ng	# 1
51) 2,6-Dinitrotoluene	14.569	165	67199	8.189	ng	# 31
54) 2,4-Dinitrophenol	14.651	184	128	8.260	ng	# 65
57) 2,4-Dinitrotoluene	14.569	165	67199	6.022	ng	# 28
67) 4-Bromophenyl-phenylether	16.061	248	60671	4.375	ng	# 1
77) Benzidine	19.939	184	94020	2.335	ng	# 87

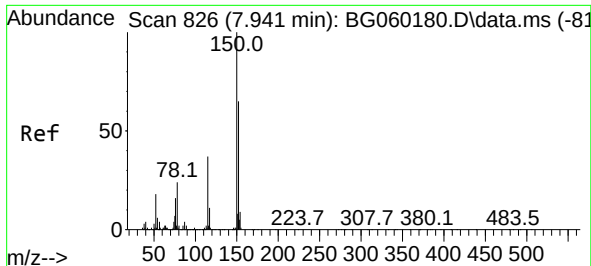
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

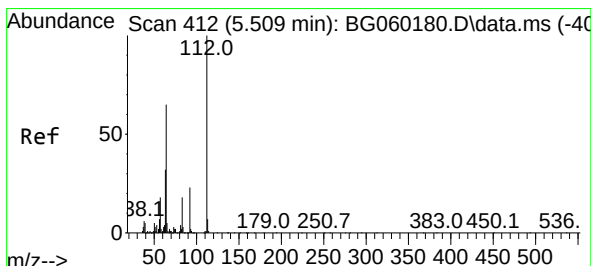
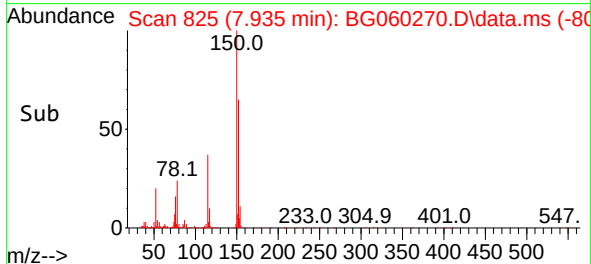
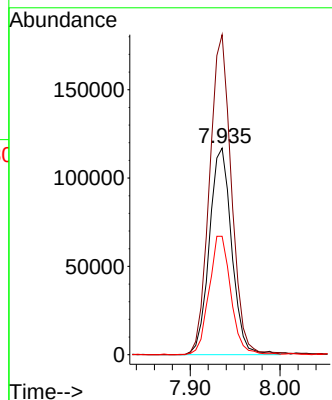
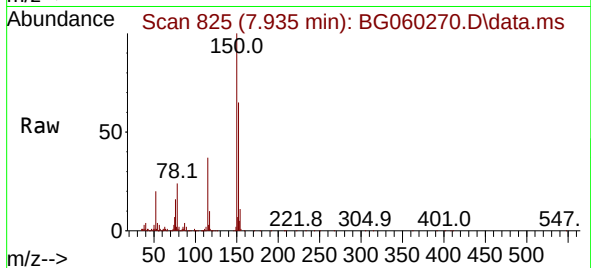




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

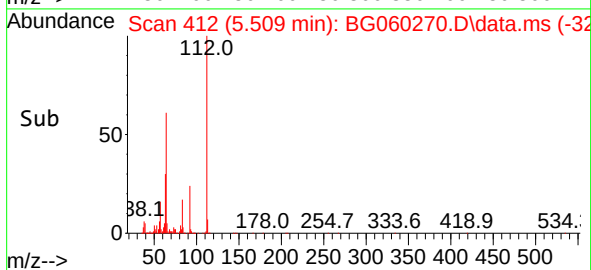
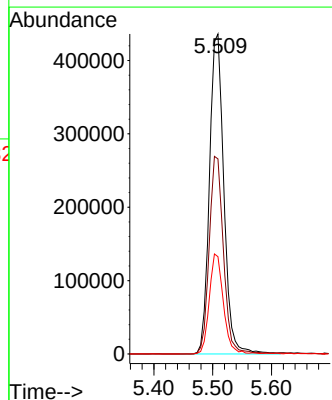
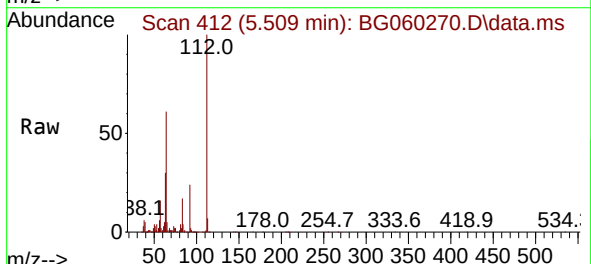
Instrument :
BNA_G
ClientSampleId :

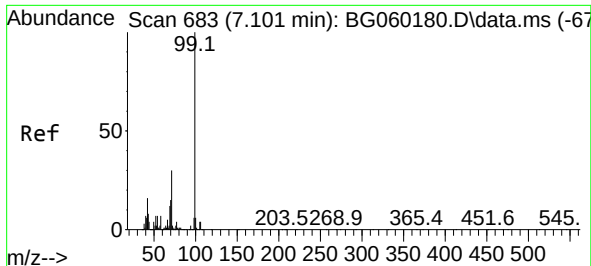
Tgt Ion:152 Resp: 202041
Ion Ratio Lower Upper
152 100
150 154.9 123.4 185.0
115 57.3 45.4 68.0



#5
2-Fluorophenol
Concen: 55.391 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.000 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

Tgt Ion:112 Resp: 741466
Ion Ratio Lower Upper
112 100
64 60.9 52.2 78.4
63 30.4 25.4 38.0

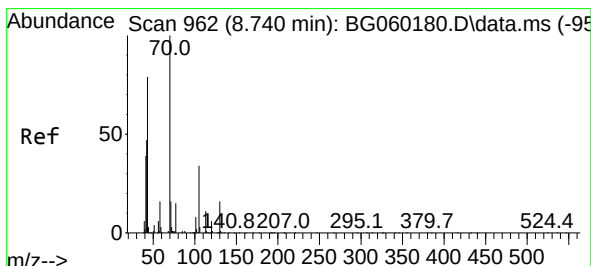
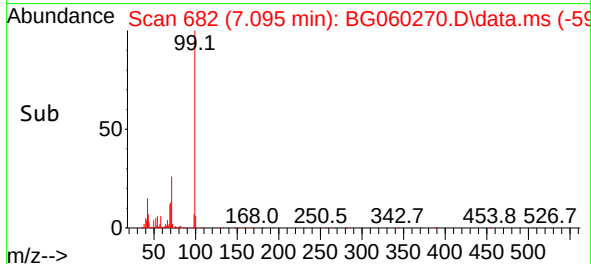
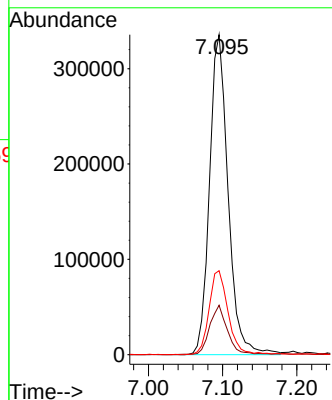
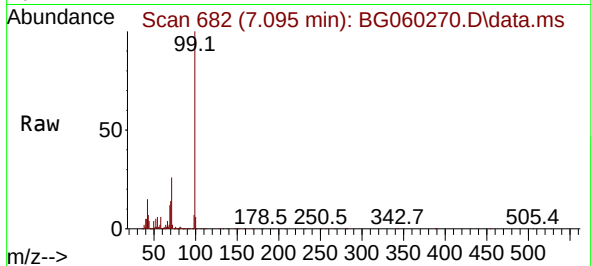




#7
Phenol-d6
Concen: 29.355 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

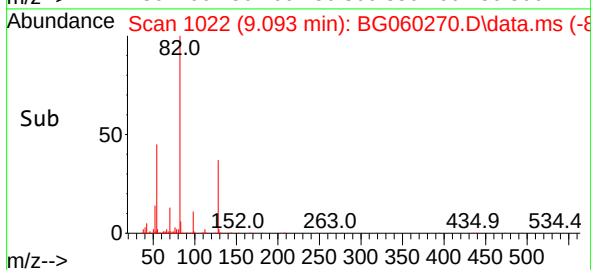
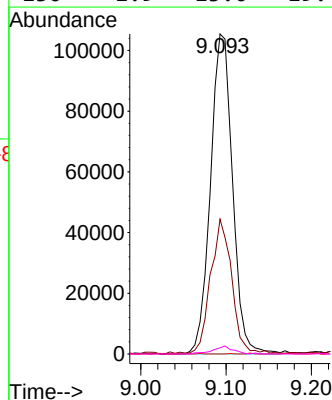
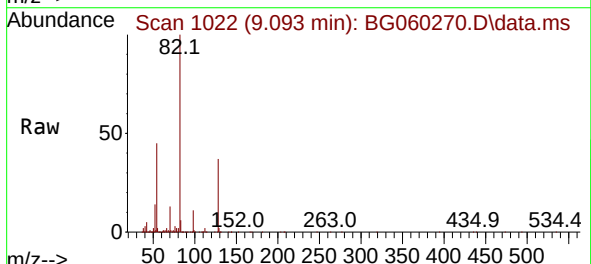
Instrument :
BNA_G
ClientSampleId :

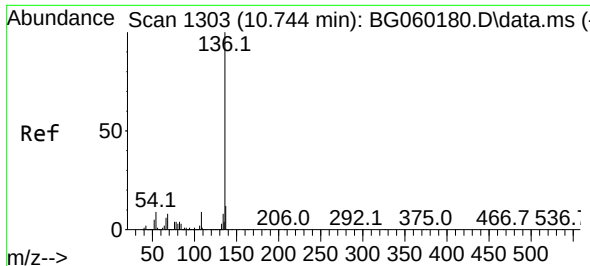
Tgt Ion: 99 Resp: 583438
Ion Ratio Lower Upper
99 100
42 15.5 12.5 18.7
71 26.3 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 13.945 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.353 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

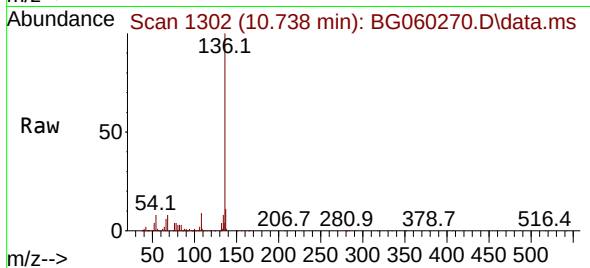
Tgt Ion: 70 Resp: 189344
Ion Ratio Lower Upper
70 100
42 42.1 37.9 56.9
101 0.0 6.2 9.2#
130 1.9 13.0 19.4#



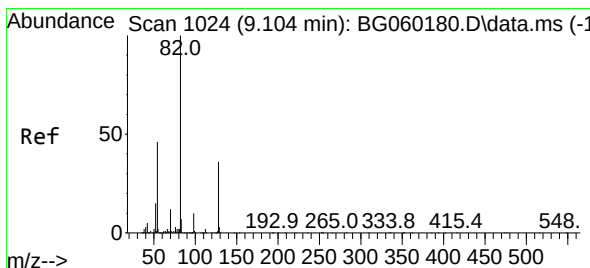
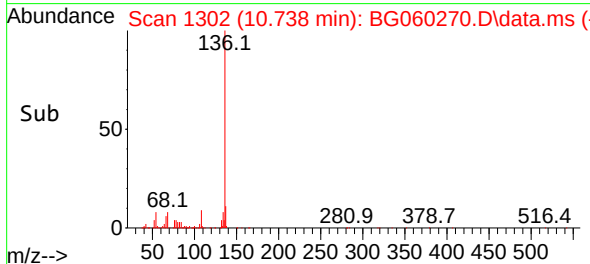
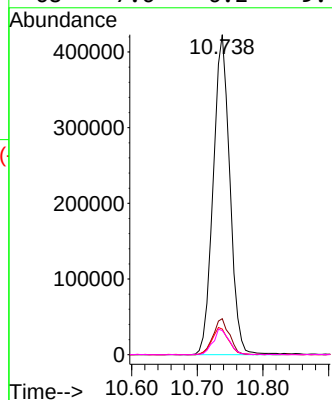


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

Instrument :
BNA_G
ClientSampleId :

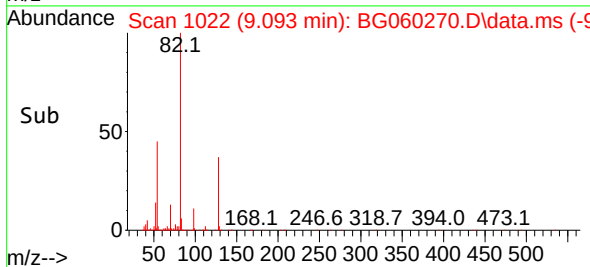
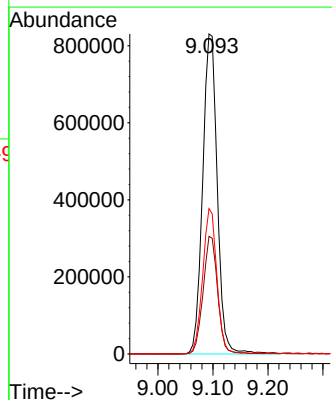
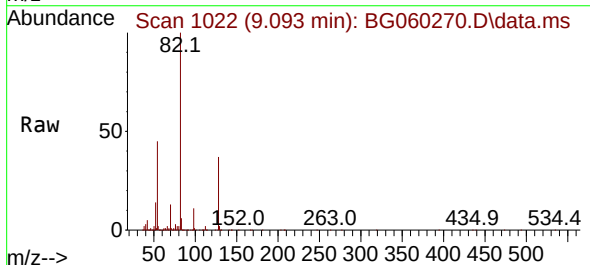


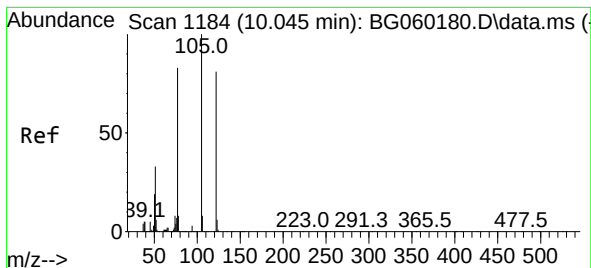
Tgt Ion:136 Resp: 742560
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 8.0 7.4 11.2
68 7.6 6.2 9.4



#23
Nitrobenzene-d5
Concen: 95.246 ng
RT: 9.093 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

Tgt Ion: 82 Resp: 1531199
Ion Ratio Lower Upper
82 100
128 36.7 28.7 43.1
54 45.4 36.9 55.3





#32

Benzoic acid

Concen: 10.276 ng

RT: 10.004 min Scan# 1177

Delta R.T. -0.041 min

Lab File: BG060270.D

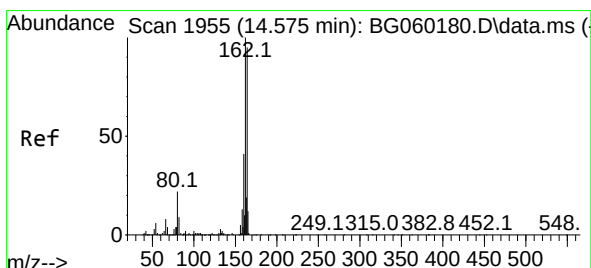
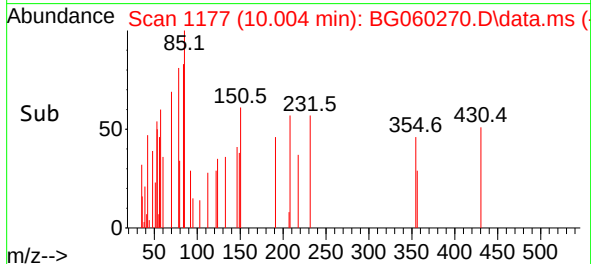
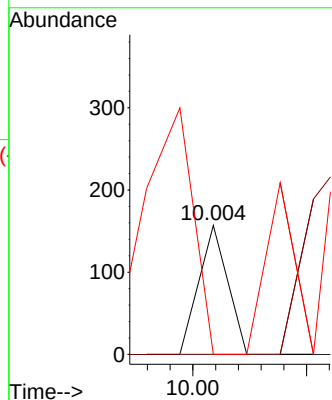
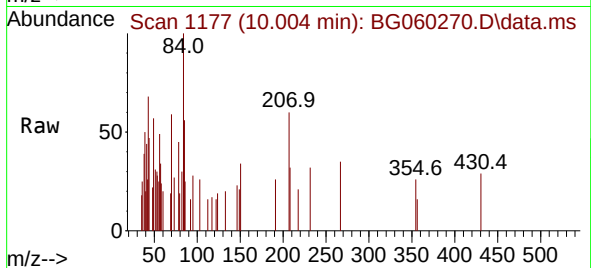
Acq: 5 Jan 2024 14:36

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:122	Resp:	55
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

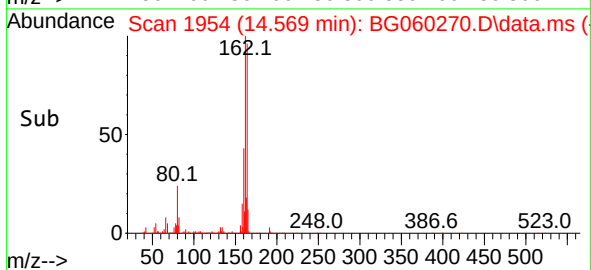
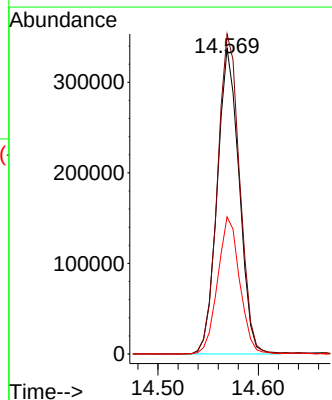
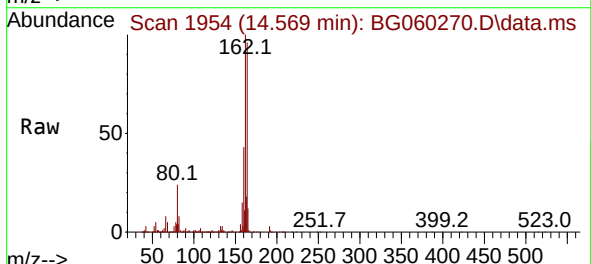
RT: 14.569 min Scan# 1954

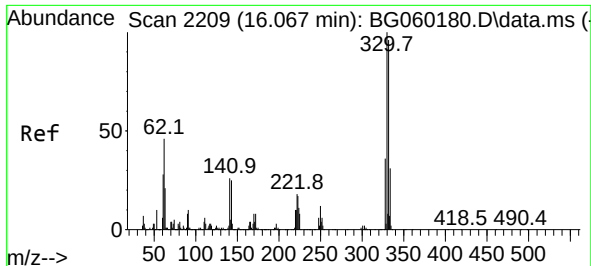
Delta R.T. -0.006 min

Lab File: BG060270.D

Acq: 5 Jan 2024 14:36

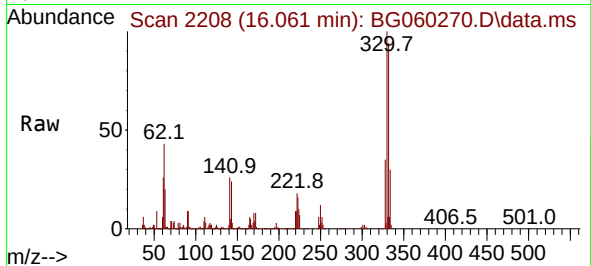
Tgt Ion:164	Resp:	511023
Ion Ratio	Lower	Upper
164	100	
162	104.7	83.9 125.9
160	44.9	34.2 51.4



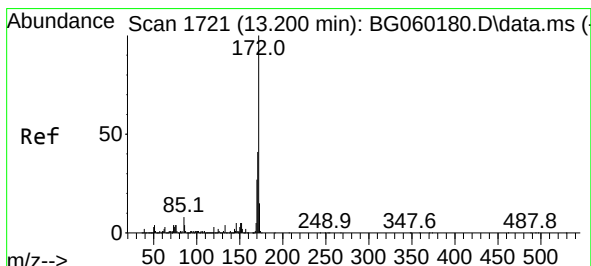
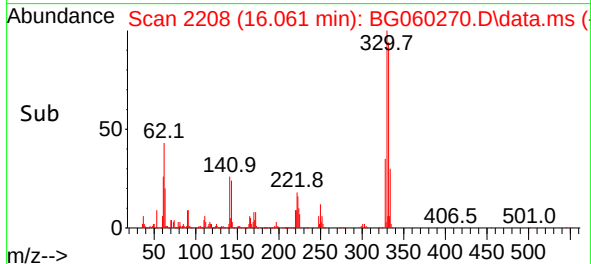
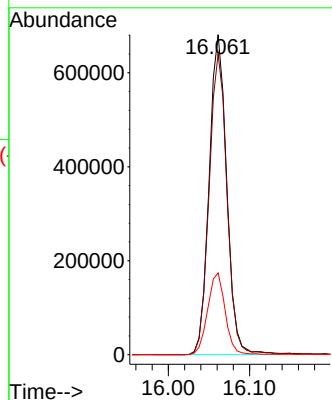


#42
2,4,6-Tribromophenol
Concen: 149.501 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

Instrument :
BNA_G
ClientSampleId :

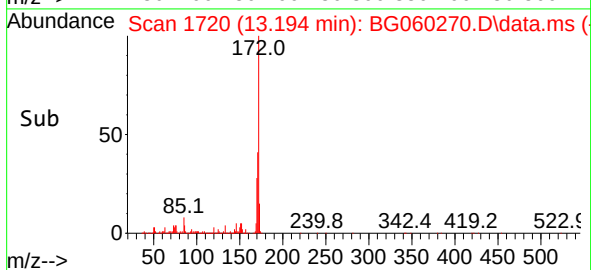
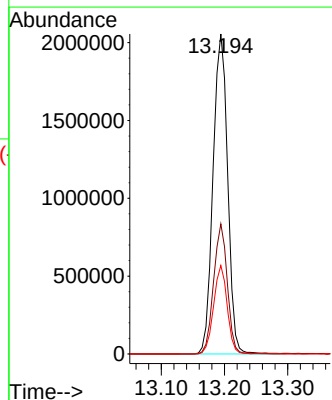
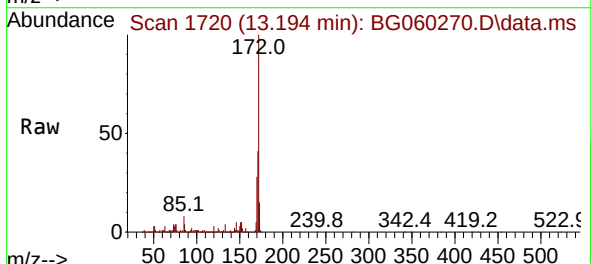


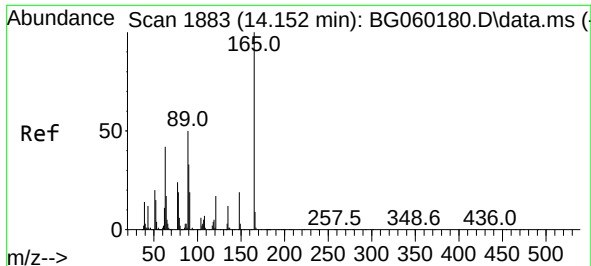
Tgt Ion:330 Resp: 1022675
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 25.6 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 92.655 ng
RT: 13.194 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

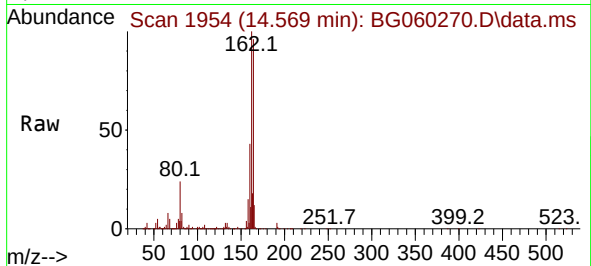
Tgt Ion:172 Resp: 3294450
Ion Ratio Lower Upper
172 100
171 40.7 32.6 48.8
170 27.6 21.8 32.6



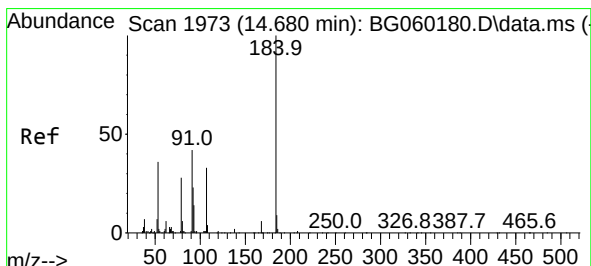
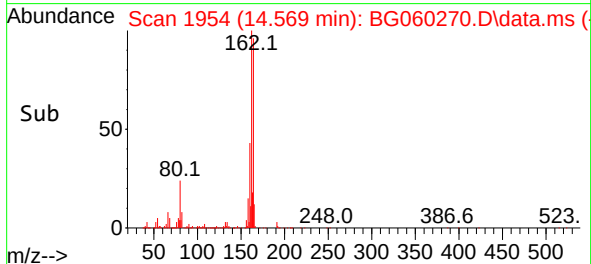
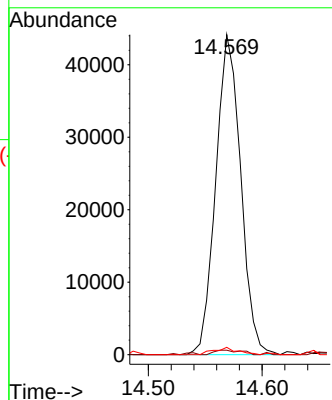


#51
2,6-Dinitrotoluene
Concen: 8.189 ng
RT: 14.569 min Scan# 1954
Delta R.T. 0.417 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

Instrument :
BNA_G
ClientSampleId :

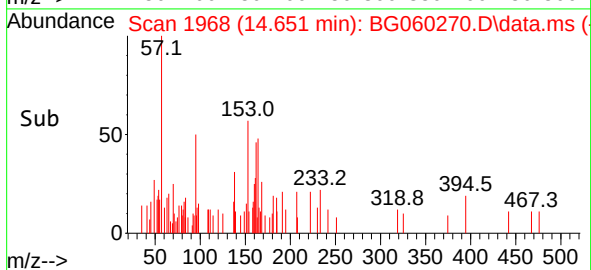
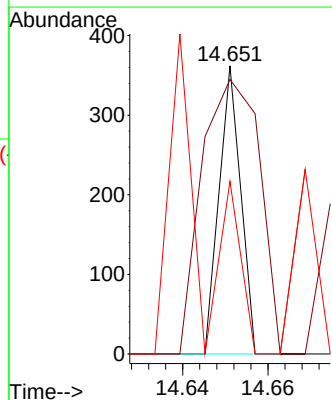
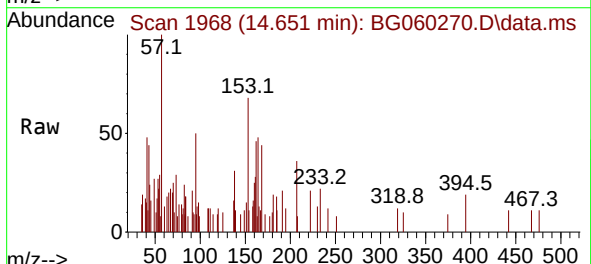


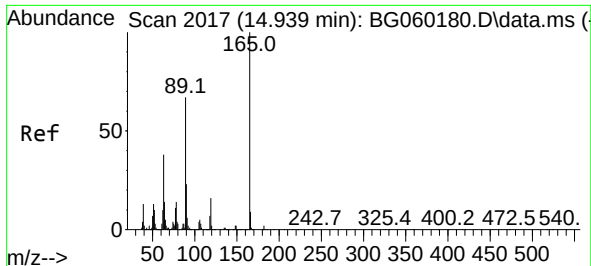
Tgt Ion:165 Resp: 67199
Ion Ratio Lower Upper
165 100
63 1.4 39.3 58.9#
89 2.3 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.260 ng
RT: 14.651 min Scan# 1968
Delta R.T. -0.029 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

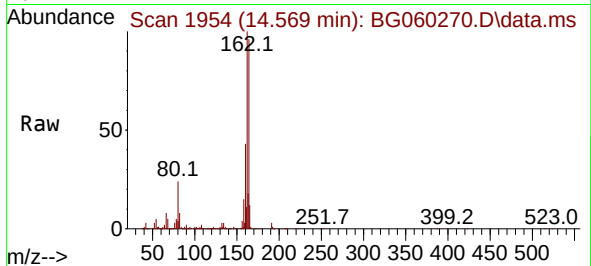
Tgt Ion:184 Resp: 128
Ion Ratio Lower Upper
184 100
63 95.3 45.4 68.2#
154 59.9 40.0 60.0



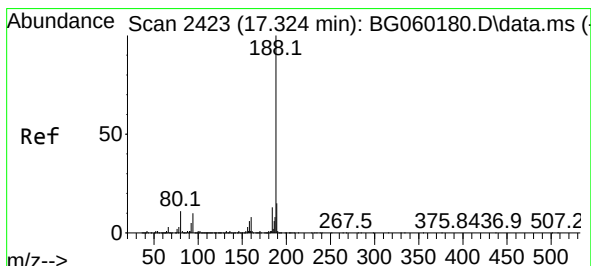
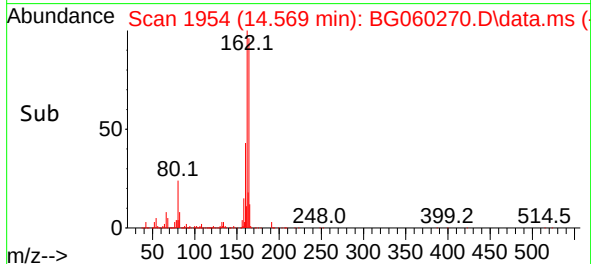
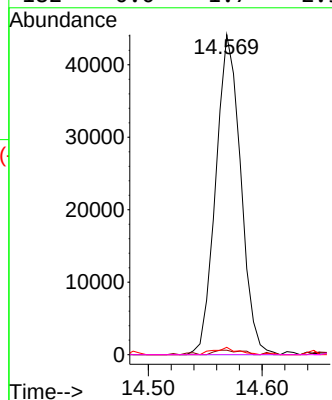


#57
2,4-Dinitrotoluene
Concen: 6.022 ng
RT: 14.569 min Scan# 1954
Delta R.T. -0.370 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

Instrument :
BNA_G
ClientSampleId :

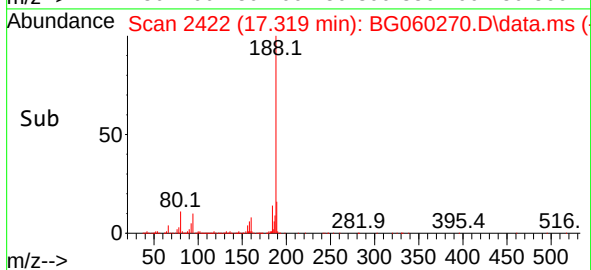
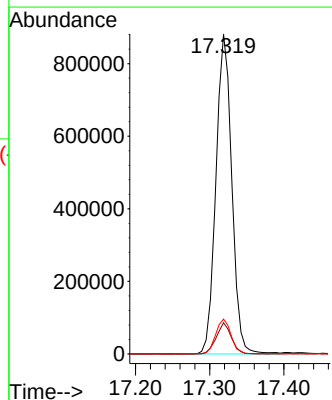
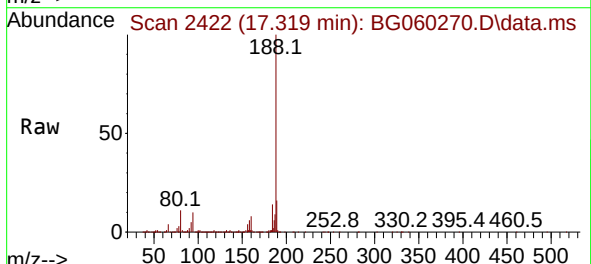


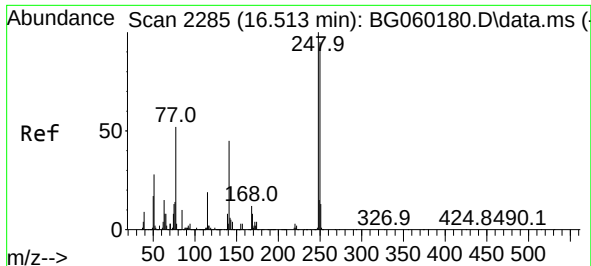
Tgt Ion:165 Resp: 67199
Ion Ratio Lower Upper
165 100
63 1.4 31.0 46.6#
89 2.3 53.3 79.9#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.319 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

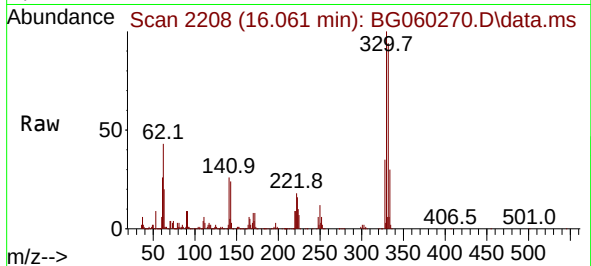
Tgt Ion:188 Resp: 1308005
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 10.9 8.6 13.0



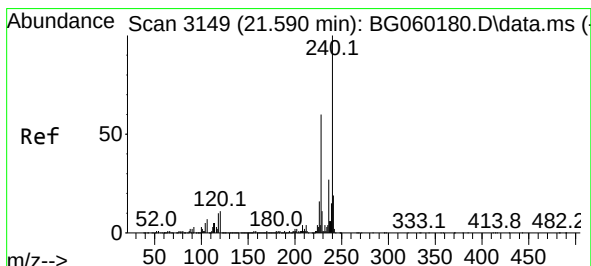
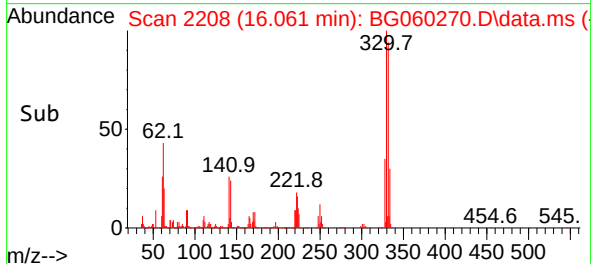
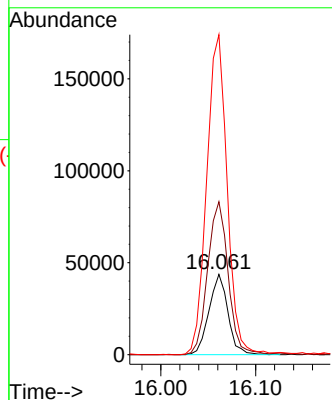


#67
4-Bromophenyl-phenylether
Concen: 4.375 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

Instrument :
BNA_G
ClientSampleId :

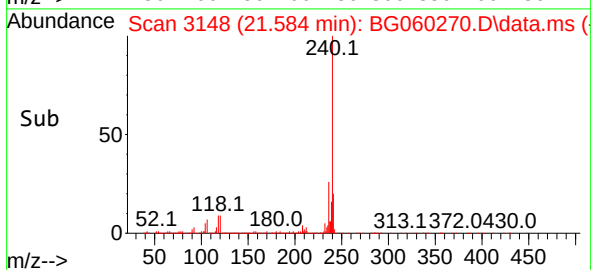
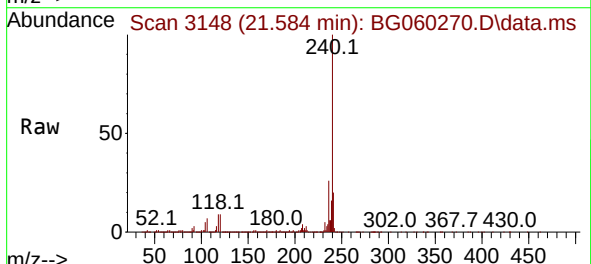
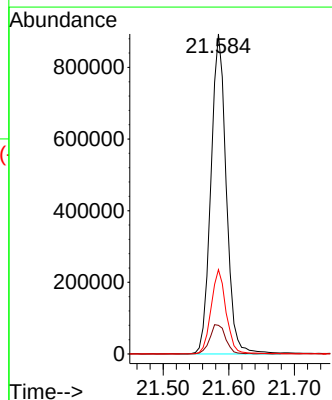


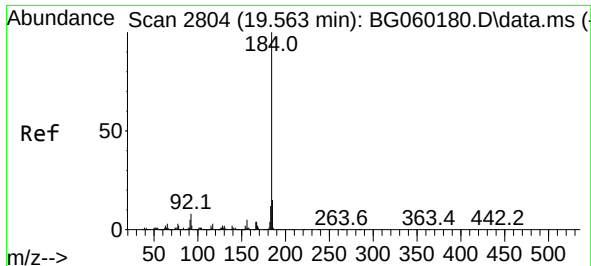
Tgt Ion:248 Resp: 60671
Ion Ratio Lower Upper
248 100
250 150.0 76.2 114.4#
141 313.7 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

Tgt Ion:240 Resp: 1454556
Ion Ratio Lower Upper
240 100
120 9.0 8.5 12.7
236 26.4 21.4 32.2

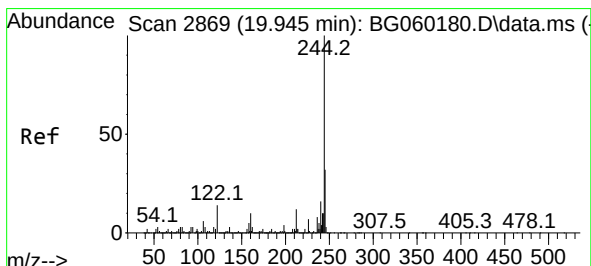
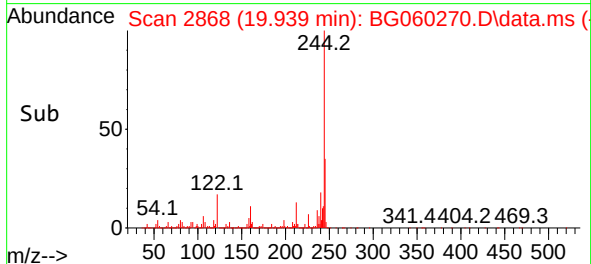
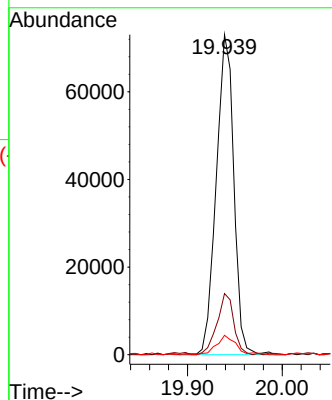
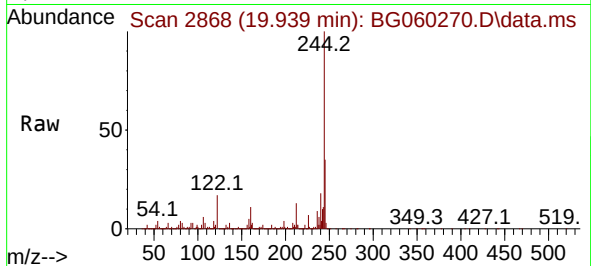




#77
Benzidine
Concen: 2.335 ng
RT: 19.939 min Scan# 21
Delta R.T. 0.376 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

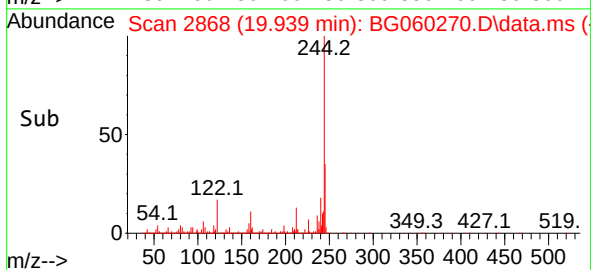
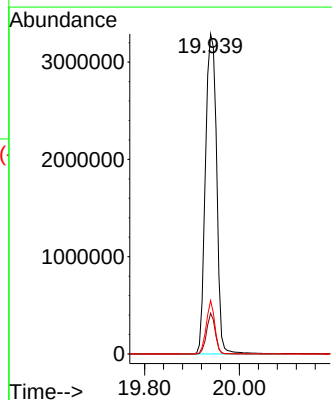
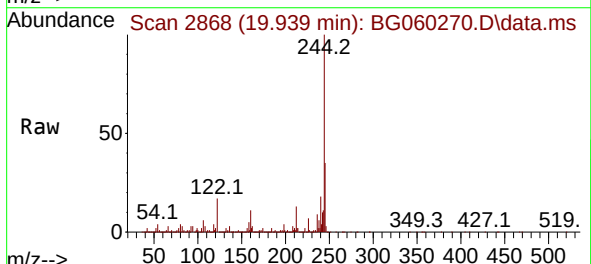
Instrument :
BNA_G
ClientSampleId :

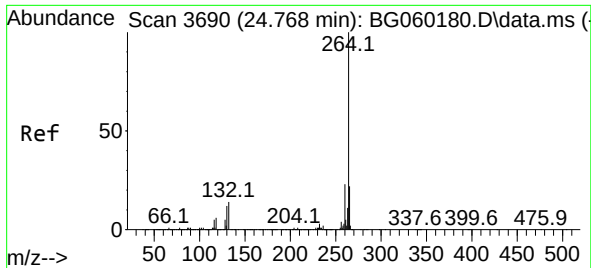
Tgt Ion:184 Resp: 94020
Ion Ratio Lower Upper
184 100
185 19.1 11.7 17.5#
183 6.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 71.284 ng
RT: 19.939 min Scan# 2868
Delta R.T. -0.006 min
Lab File: BG060270.D
Acq: 5 Jan 2024 14:36

Tgt Ion:244 Resp: 5393369
Ion Ratio Lower Upper
244 100
212 12.7 9.5 14.3
122 16.7 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: BG060270.D
 Acq: 5 Jan 2024 14:36

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:264 Resp: 1688134

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.0	27.0
265	20.9	17.4	26.0

