

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060194.D
 Acq On : 2 Jan 2024 14:29
 Operator : MA/JU
 Sample : 06027-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 02 15:08:51 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)

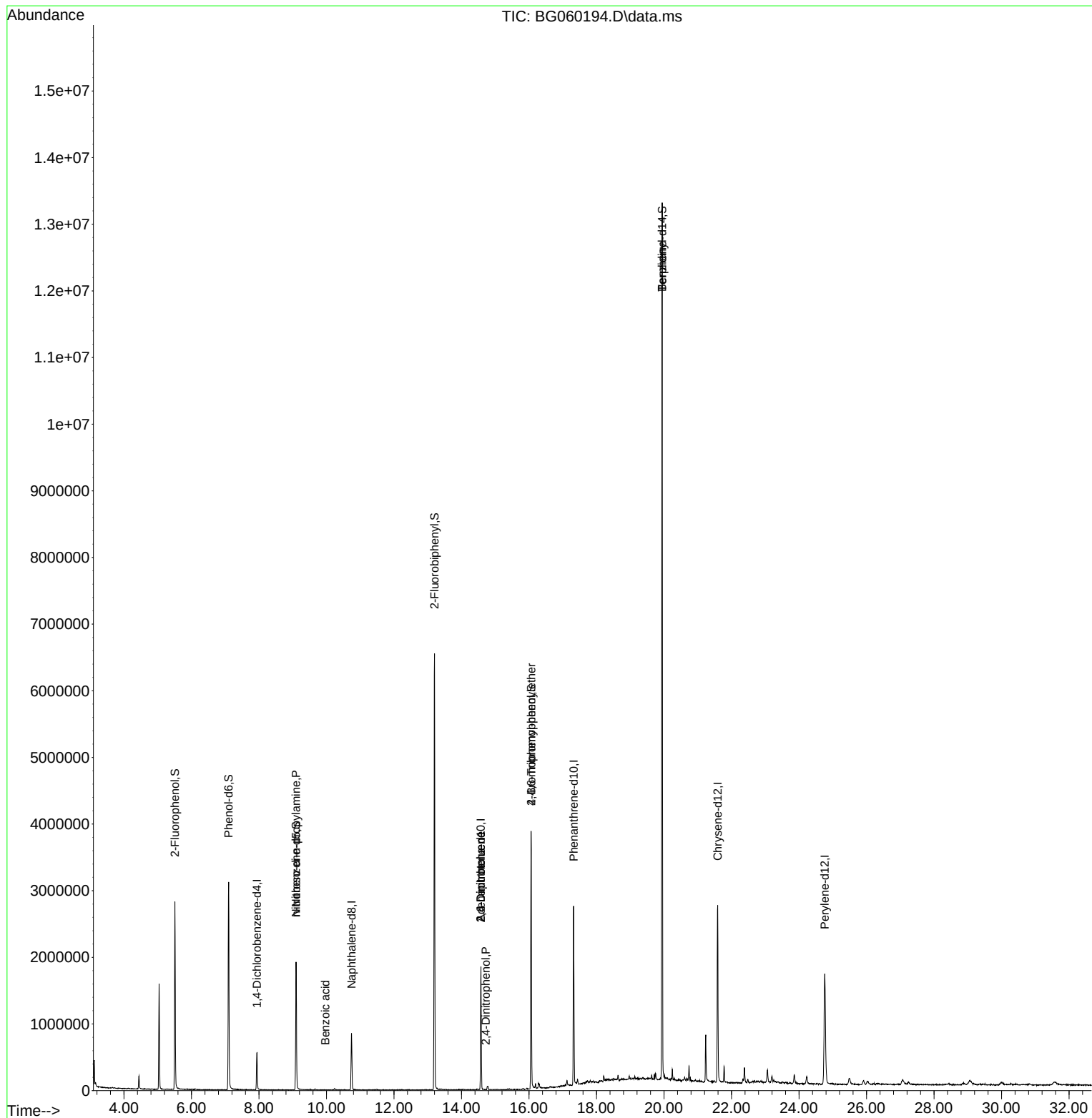
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	173891	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	763685	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	636506	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1787906	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1622836	20.000	ng	0.00
86) Perylene-d12	24.763	264	1860528	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1263639	109.681	ng	0.00
7) Phenol-d6	7.101	99	2064836	120.708	ng	0.00
23) Nitrobenzene-d5	9.099	82	1272934	76.991	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	789261	92.633	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	3589799	81.057	ng	0.00
79) Terphenyl-d14	19.945	244	5620421	66.582	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.099	70	152259	13.029	ng	# 87
32) Benzoic acid	9.962	122	60	10.277	ng	# 17
51) 2,6-Dinitrotoluene	14.575	165	90096	8.814	ng	# 29
54) 2,4-Dinitrophenol	14.722	184	69	8.247	ng	# 1
57) 2,4-Dinitrotoluene	14.575	165	90096	6.482	ng	# 27
67) 4-Bromophenyl-phenylether	16.067	248	48477	2.557	ng	# 1
77) Benzidine	19.945	184	108872	2.424	ng	# 93

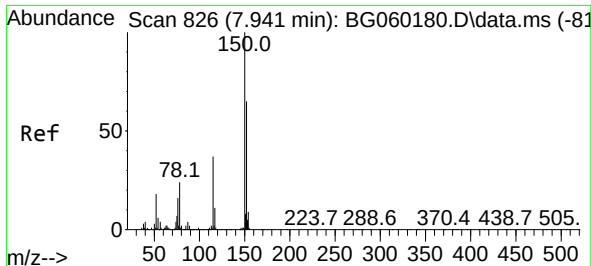
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 02 15:08:51 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

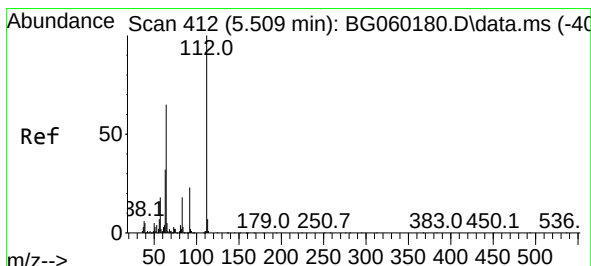
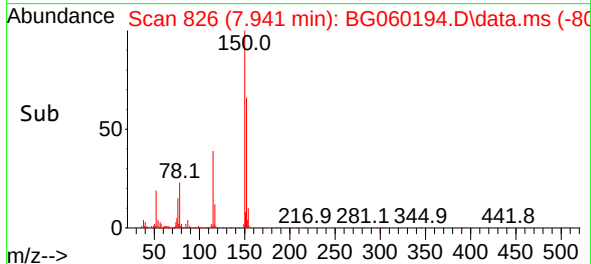
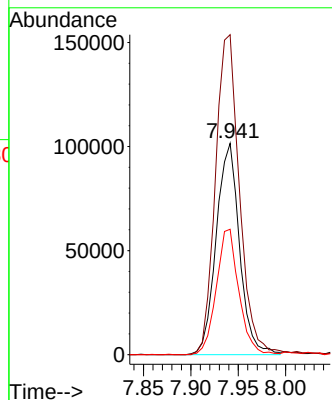
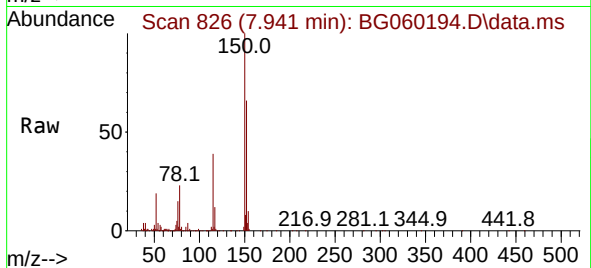




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG060194.D
Acq: 2 Jan 2024 14:29

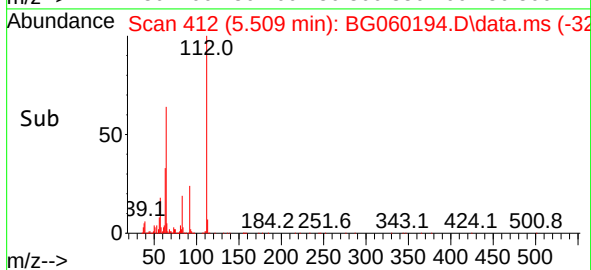
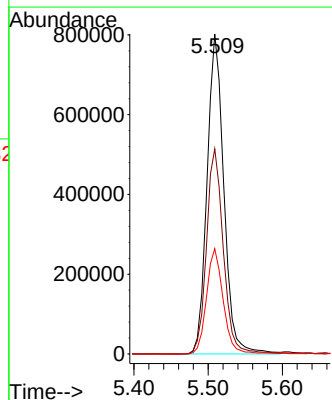
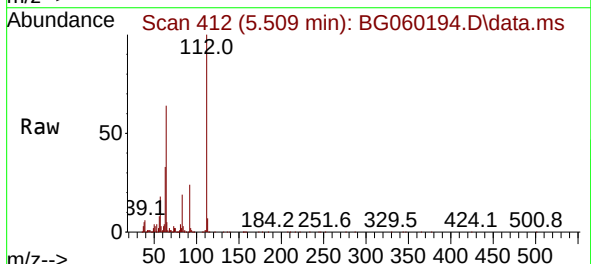
Instrument :
BNA_G
ClientSampleId :

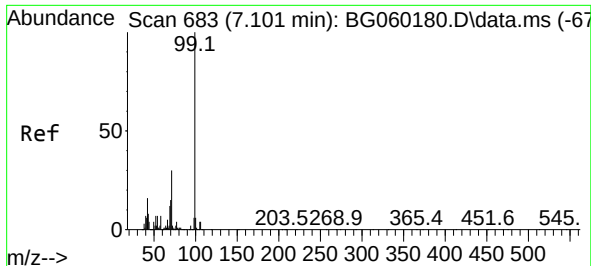
Tgt Ion:152 Resp: 173891
Ion Ratio Lower Upper
152 100
150 151.3 123.4 185.0
115 59.4 45.4 68.0



#5
2-Fluorophenol
Concen: 109.681 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.000 min
Lab File: BG060194.D
Acq: 2 Jan 2024 14:29

Tgt Ion:112 Resp: 1263639
Ion Ratio Lower Upper
112 100
64 64.1 52.2 78.4
63 32.9 25.4 38.0

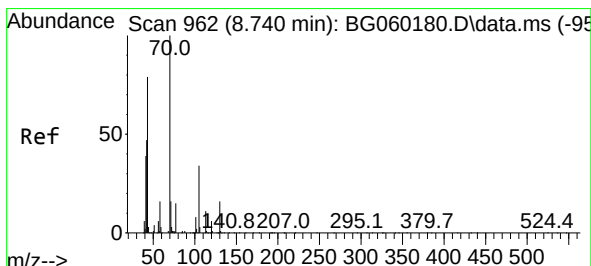
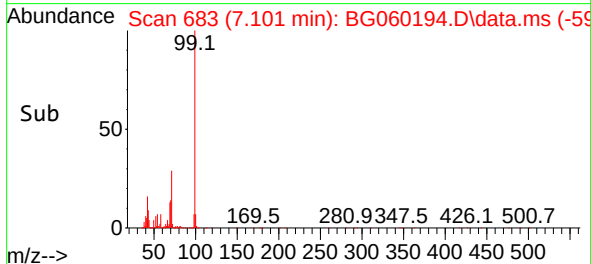
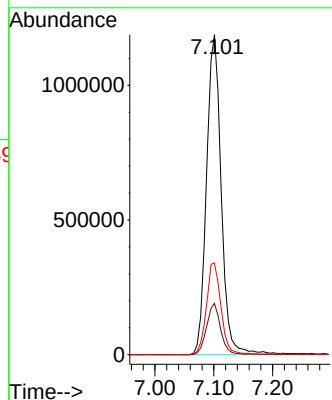
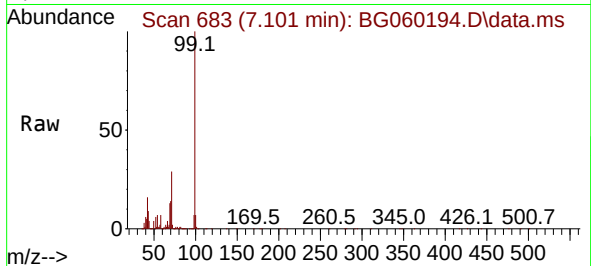




#7
Phenol-d6
Concen: 120.708 ng
RT: 7.101 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060194.D
Acq: 2 Jan 2024 14:29

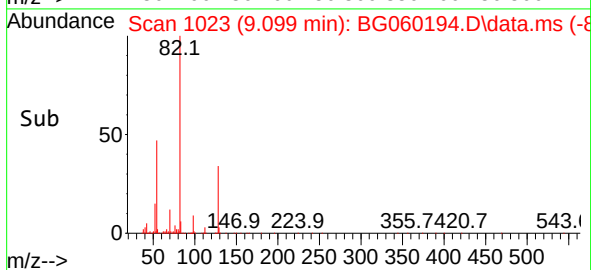
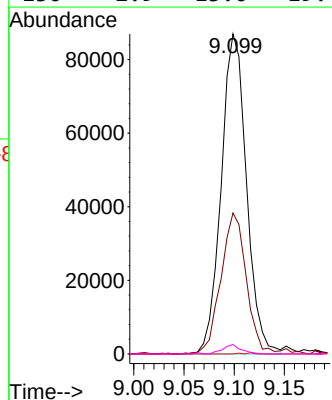
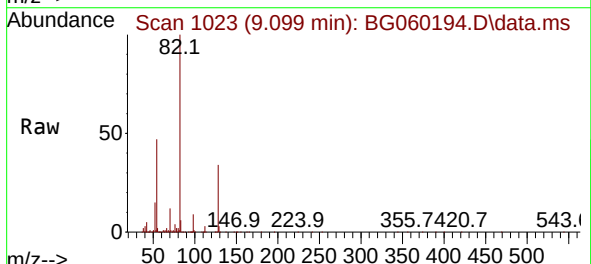
Instrument :
BNA_G
ClientSampleId :

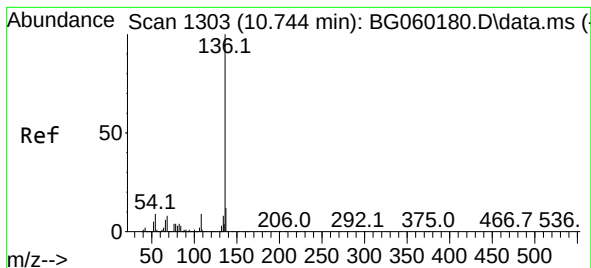
Tgt Ion: 99 Resp: 2064836
Ion Ratio Lower Upper
99 100
42 16.0 12.5 18.7
71 28.6 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 13.029 ng
RT: 9.099 min Scan# 1023
Delta R.T. 0.359 min
Lab File: BG060194.D
Acq: 2 Jan 2024 14:29

Tgt Ion: 70 Resp: 152259
Ion Ratio Lower Upper
70 100
42 44.1 37.9 56.9
101 0.0 6.2 9.2#
130 2.9 13.0 19.4#

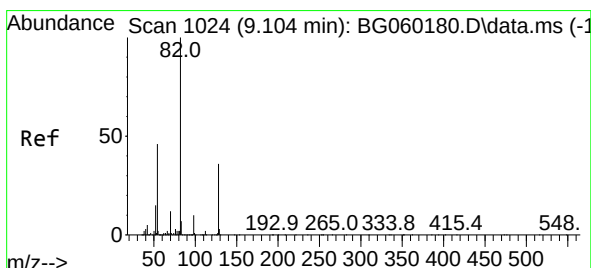
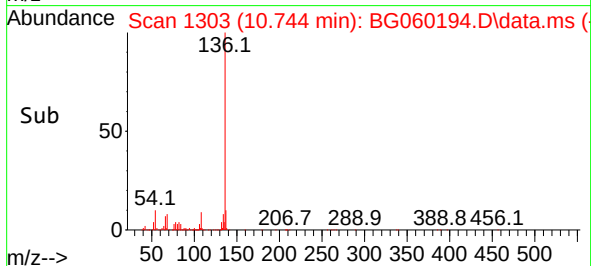
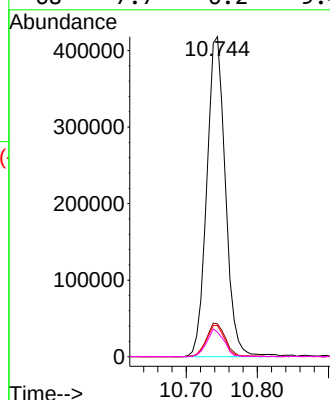
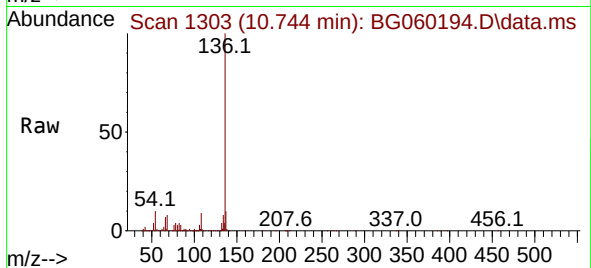




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BG060194.D
Acq: 2 Jan 2024 14:29

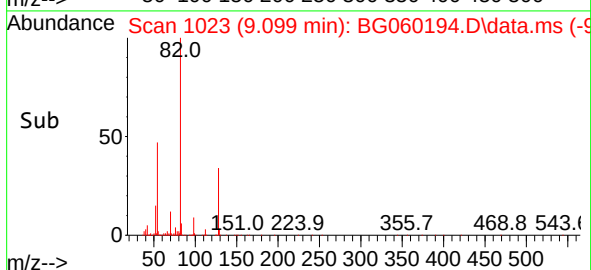
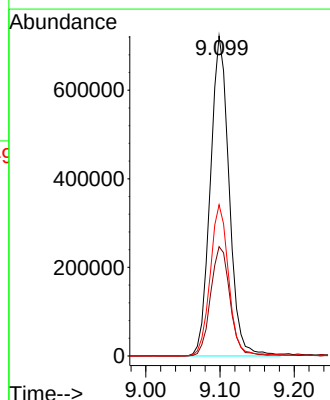
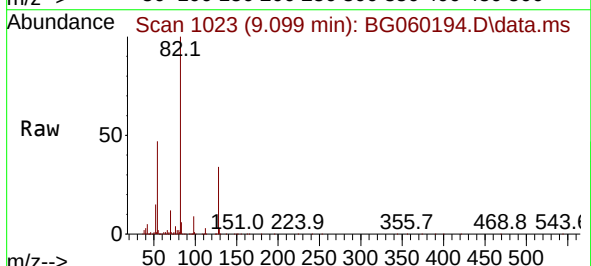
Instrument :
BNA_G
ClientSampleId :

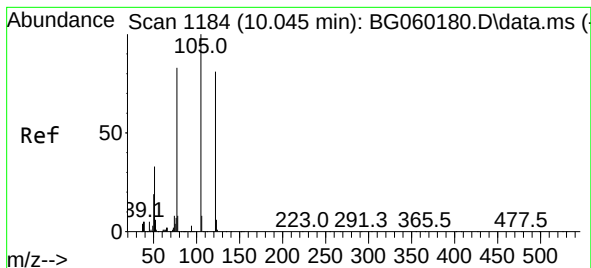
Tgt Ion:	136	Resp:	763685
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.4	14.0
54	9.8	7.4	11.2
68	7.7	6.2	9.4



#23
Nitrobenzene-d5
Concen: 76.991 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG060194.D
Acq: 2 Jan 2024 14:29

Tgt Ion:	82	Resp:	1272934
Ion	Ratio	Lower	Upper
82	100		
128	34.2	28.7	43.1
54	47.2	36.9	55.3





#32

Benzoic acid

Concen: 10.277 ng

RT: 9.962 min Scan# 11

Delta R.T. -0.083 min

Lab File: BG060194.D

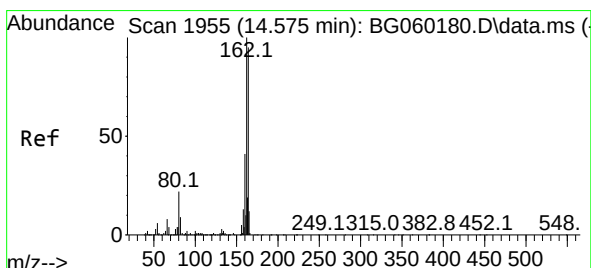
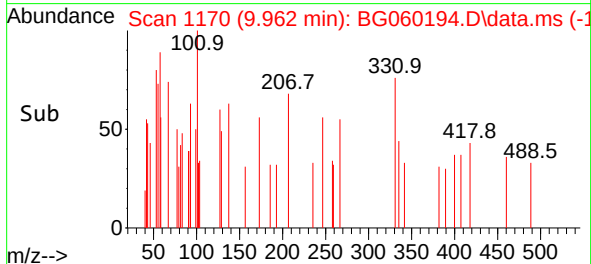
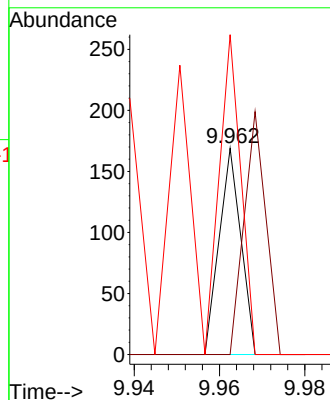
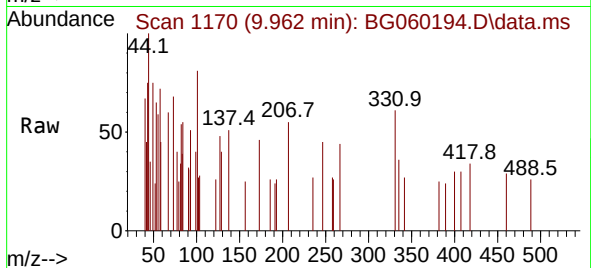
Acq: 2 Jan 2024 14:29

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 99.2 139.2#
77 155.0 81.0 121.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

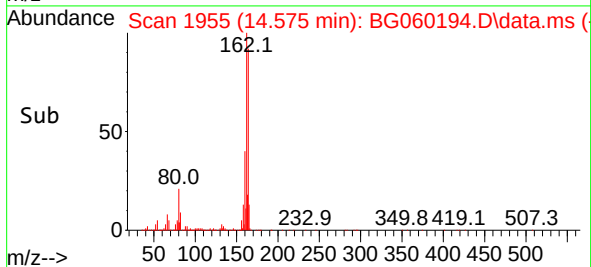
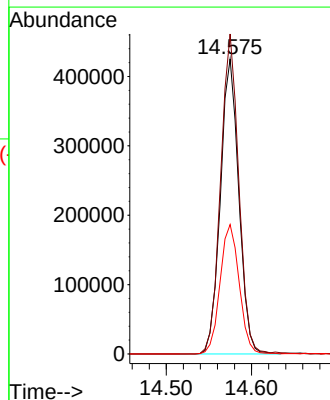
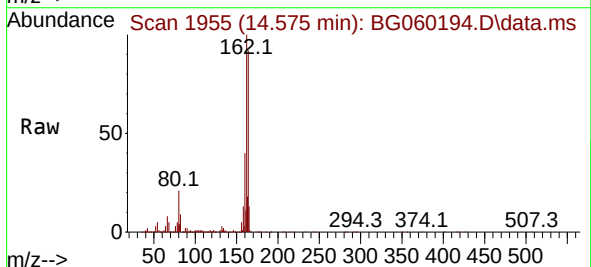
RT: 14.575 min Scan# 1955

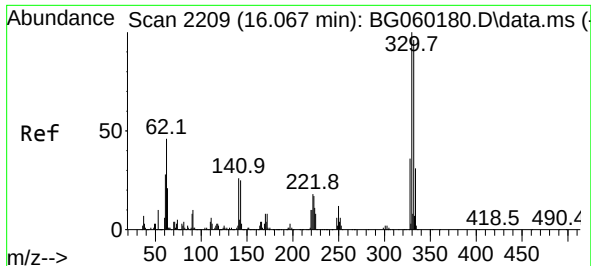
Delta R.T. 0.000 min

Lab File: BG060194.D

Acq: 2 Jan 2024 14:29

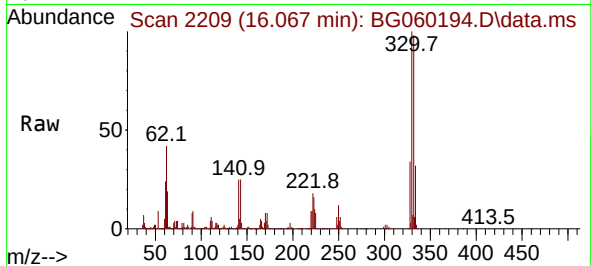
Tgt Ion:164 Resp: 636506
Ion Ratio Lower Upper
164 100
162 108.5 83.9 125.9
160 43.9 34.2 51.4



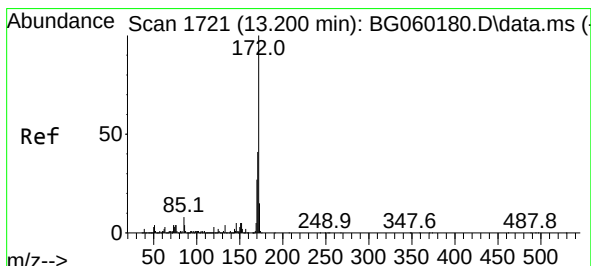
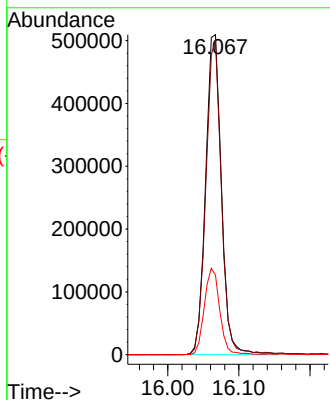
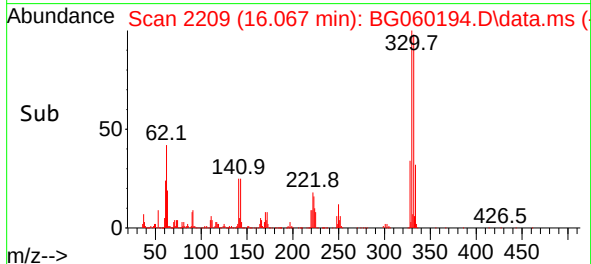


#42
2,4,6-Tribromophenol
Concen: 92.633 ng
RT: 16.067 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060194.D
Acq: 2 Jan 2024 14:29

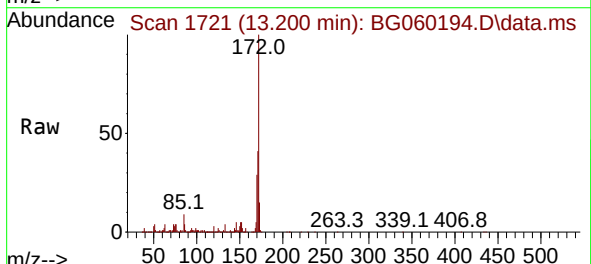
Instrument :
BNA_G
ClientSampleId :



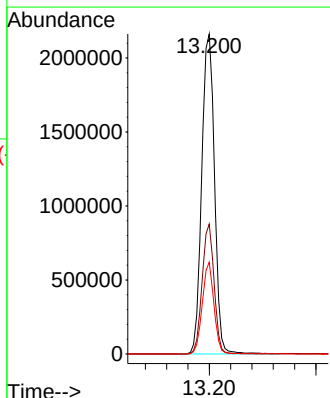
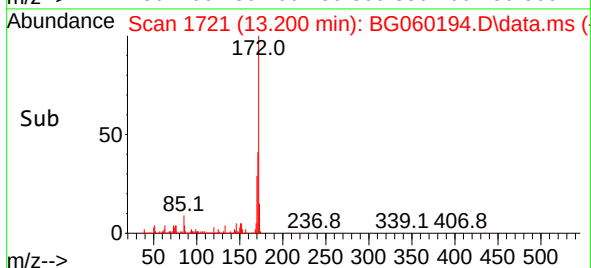
Tgt Ion:330 Resp: 789261
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 26.3 21.0 31.4

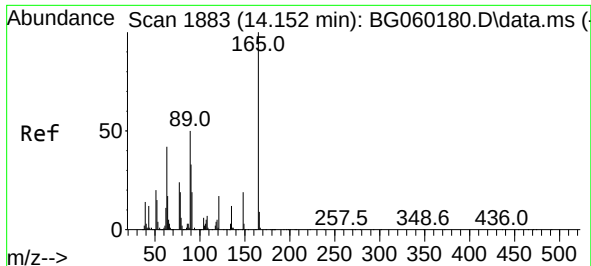


#45
2-Fluorobiphenyl
Concen: 81.057 ng
RT: 13.200 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BG060194.D
Acq: 2 Jan 2024 14:29



Tgt Ion:172 Resp: 3589799
Ion Ratio Lower Upper
172 100
171 40.6 32.6 48.8
170 28.7 21.8 32.6





#51

2,6-Dinitrotoluene

Concen: 8.814 ng

RT: 14.575 min Scan# 1955

Delta R.T. 0.423 min

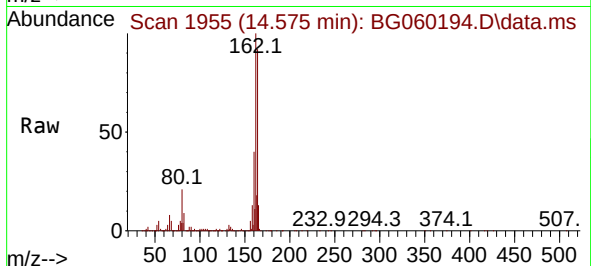
Lab File: BG060194.D

Acq: 2 Jan 2024 14:29

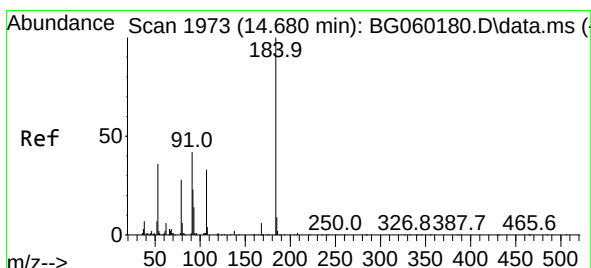
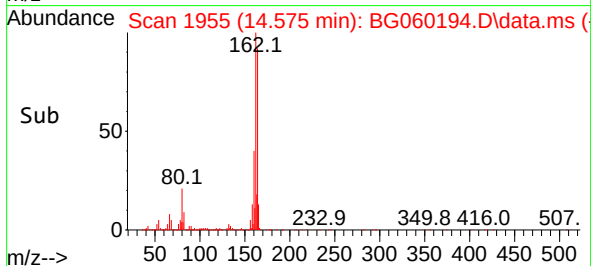
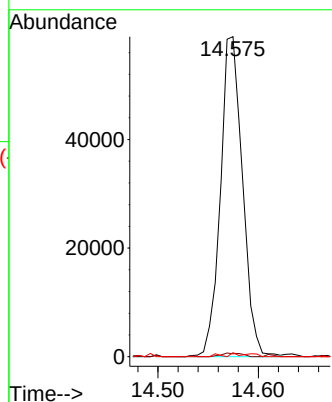
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	165	Resp:	90096
Ion Ratio	Lower	Upper	
165	100		
63	0.9	39.3	58.9#
89	1.3	39.8	59.8#



#54

2,4-Dinitrophenol

Concen: 8.247 ng

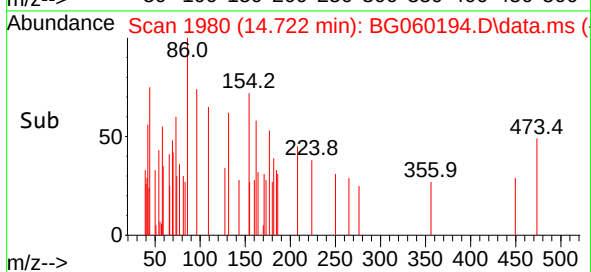
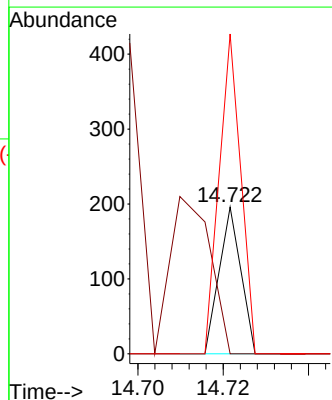
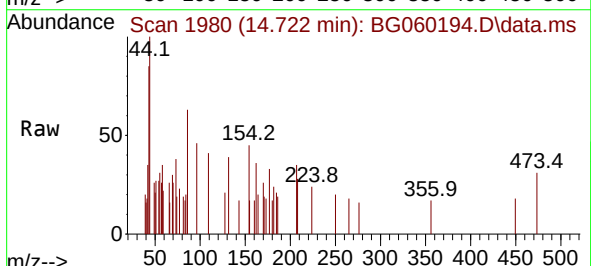
RT: 14.722 min Scan# 1980

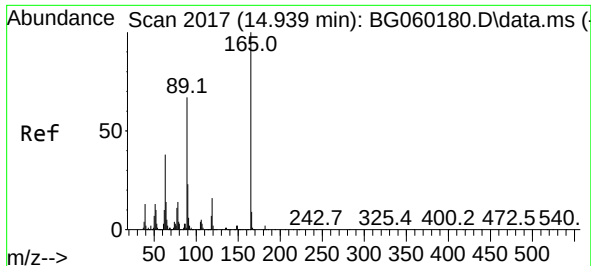
Delta R.T. 0.042 min

Lab File: BG060194.D

Acq: 2 Jan 2024 14:29

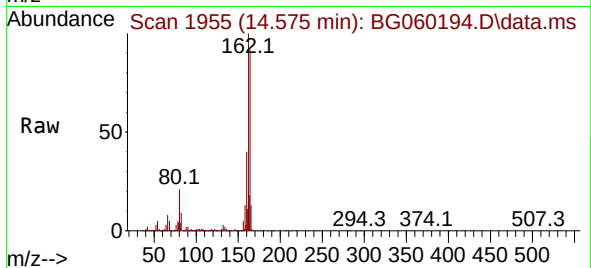
Tgt Ion:	184	Resp:	69
Ion Ratio	Lower	Upper	
184	100		
63	0.0	45.4	68.2#
154	301.0	40.0	60.0#



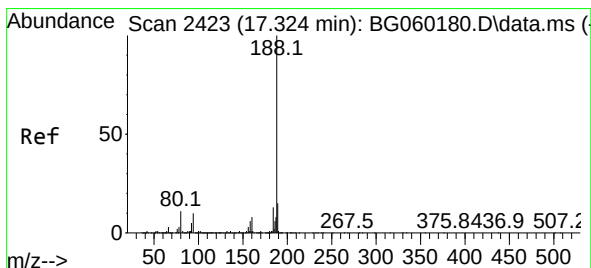
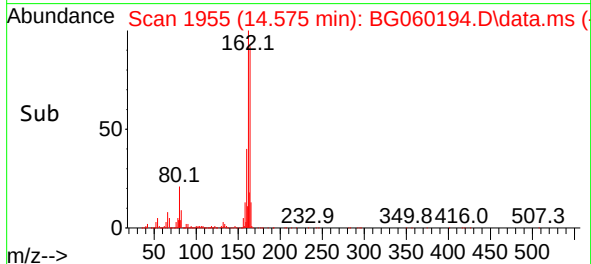
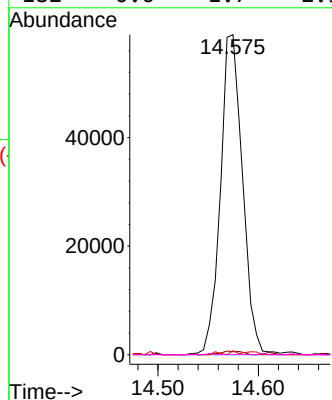


#57
2,4-Dinitrotoluene
Concen: 6.482 ng
RT: 14.575 min Scan# 1955
Delta R.T. -0.364 min
Lab File: BG060194.D
Acq: 2 Jan 2024 14:29

Instrument :
BNA_G
ClientSampleId :

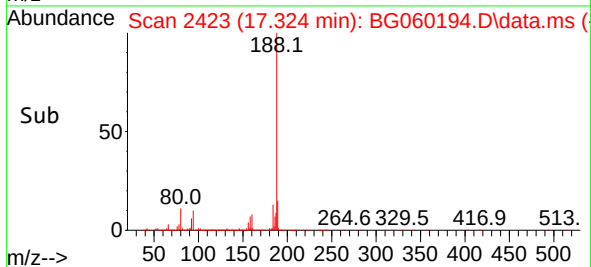
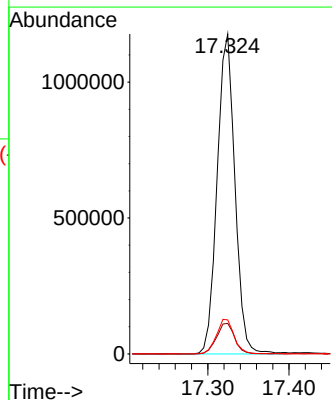
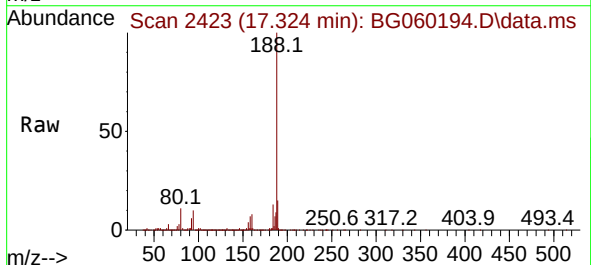


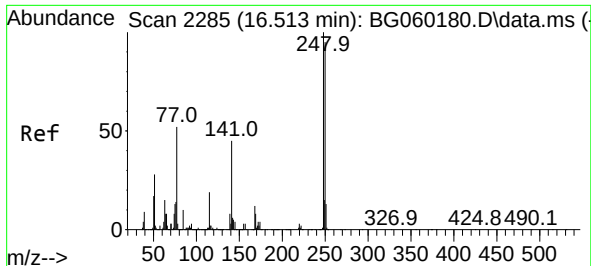
Tgt Ion:165 Resp: 90096
Ion Ratio Lower Upper
165 100
63 0.9 31.0 46.6#
89 1.3 53.3 79.9#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BG060194.D
Acq: 2 Jan 2024 14:29

Tgt Ion:188 Resp: 1787906
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.6
80 10.6 8.6 13.0

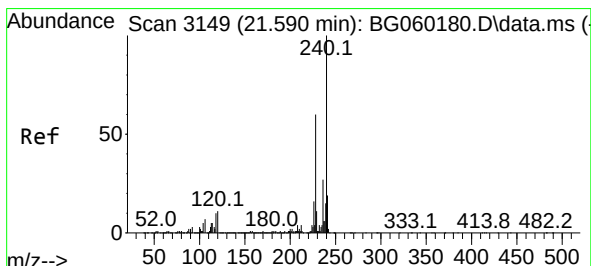
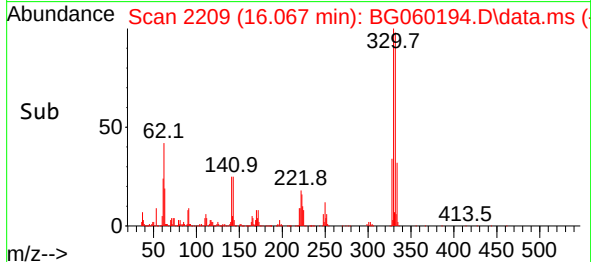
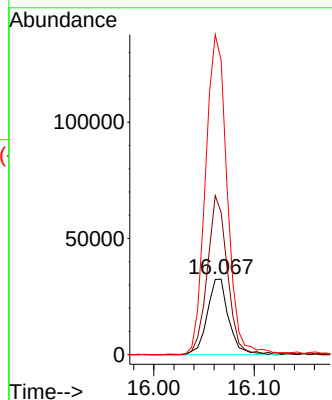
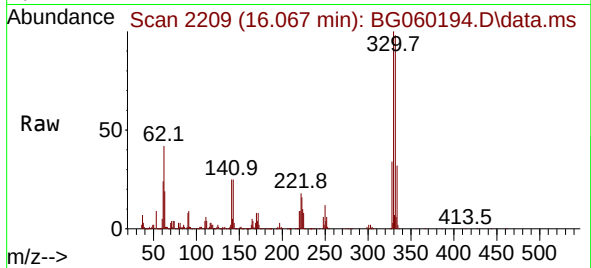




#67
4-Bromophenyl-phenylether
Concen: 2.557 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG060194.D
Acq: 2 Jan 2024 14:29

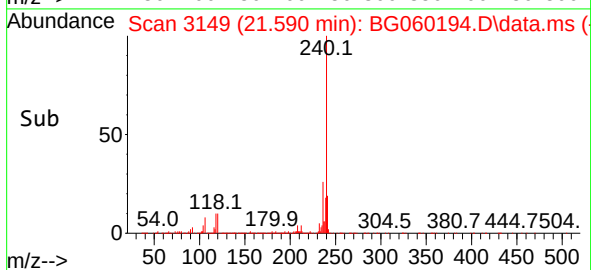
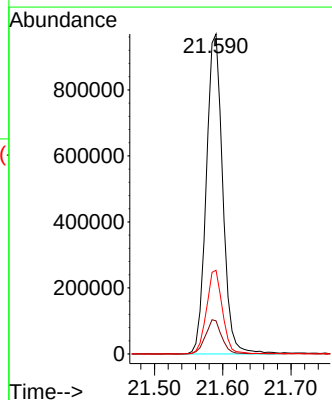
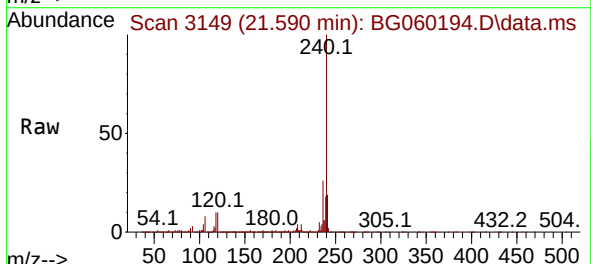
Instrument :
BNA_G
ClientSampleId :

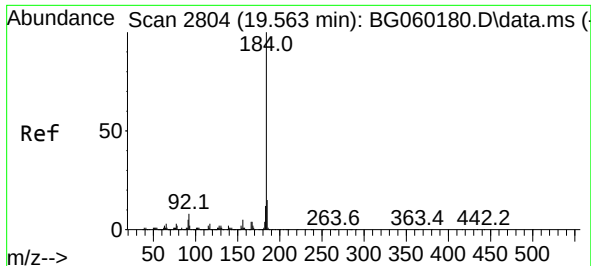
Tgt Ion:248 Resp: 48477
Ion Ratio Lower Upper
248 100
250 244.3 76.2 114.4#
141 389.4 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BG060194.D
Acq: 2 Jan 2024 14:29

Tgt Ion:240 Resp: 1622836
Ion Ratio Lower Upper
240 100
120 10.4 8.5 12.7
236 26.1 21.4 32.2

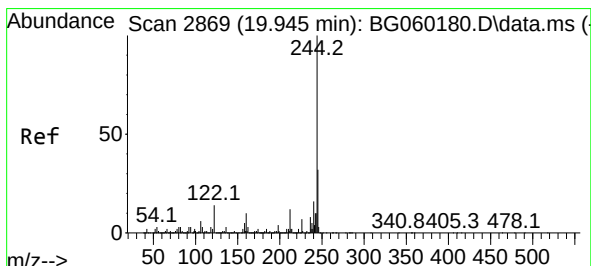
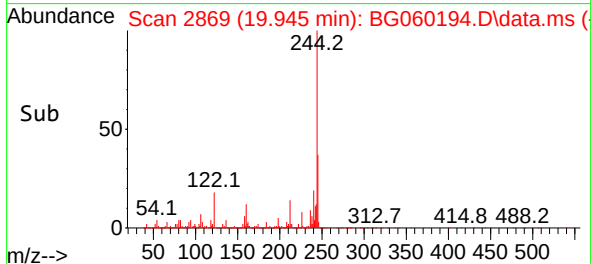
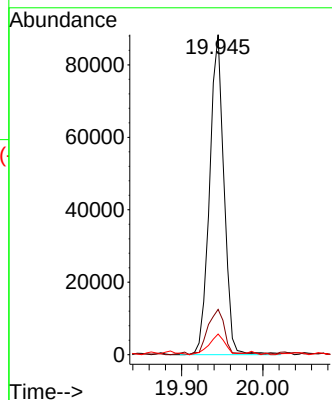
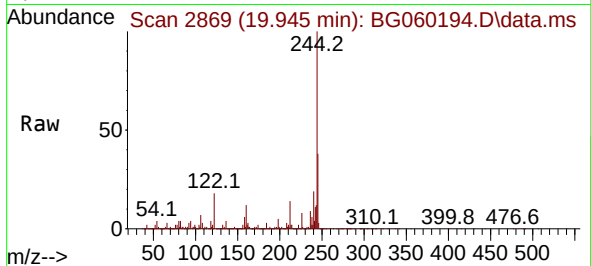




#77
Benzidine
Concen: 2.424 ng
RT: 19.945 min Scan# 2804
Delta R.T. 0.382 min
Lab File: BG060194.D
Acq: 2 Jan 2024 14:29

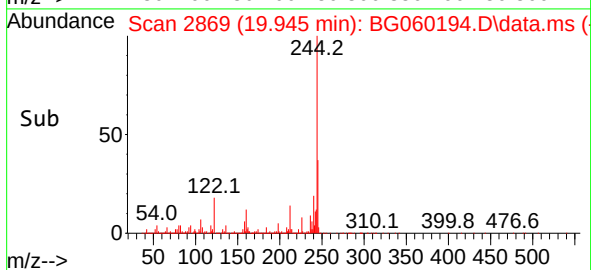
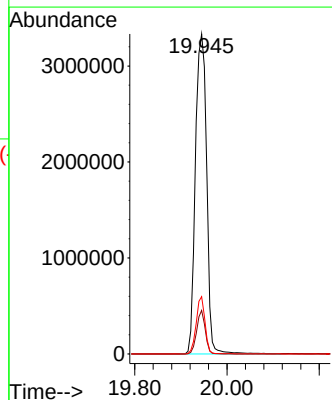
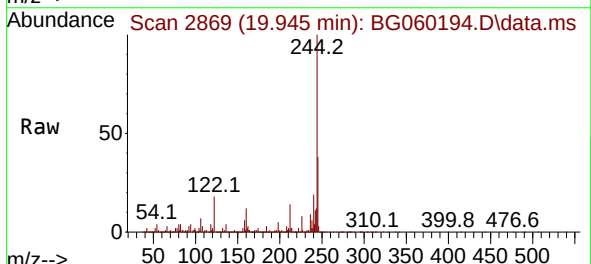
Instrument :
BNA_G
ClientSampleId :

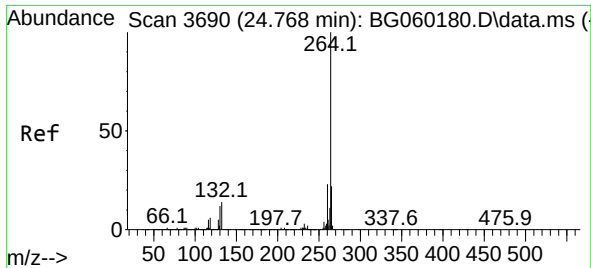
Tgt Ion:184 Resp: 108872
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 6.4 9.4 14.2#



#79
Terphenyl-d14
Concen: 66.582 ng
RT: 19.945 min Scan# 2869
Delta R.T. -0.000 min
Lab File: BG060194.D
Acq: 2 Jan 2024 14:29

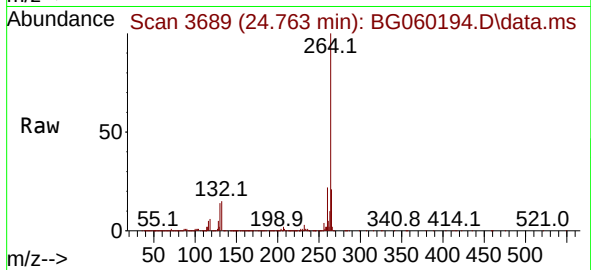
Tgt Ion:244 Resp: 5620421
Ion Ratio Lower Upper
244 100
212 13.6 9.5 14.3
122 17.9 11.4 17.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.763 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG060194.D
 Acq: 2 Jan 2024 14:29

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 1860528
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.0 27.0
 265 20.5 17.4 26.0

