

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060235.D
 Acq On : 3 Jan 2024 20:21
 Operator : MA/JU
 Sample : 05909-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 00:41:58 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)

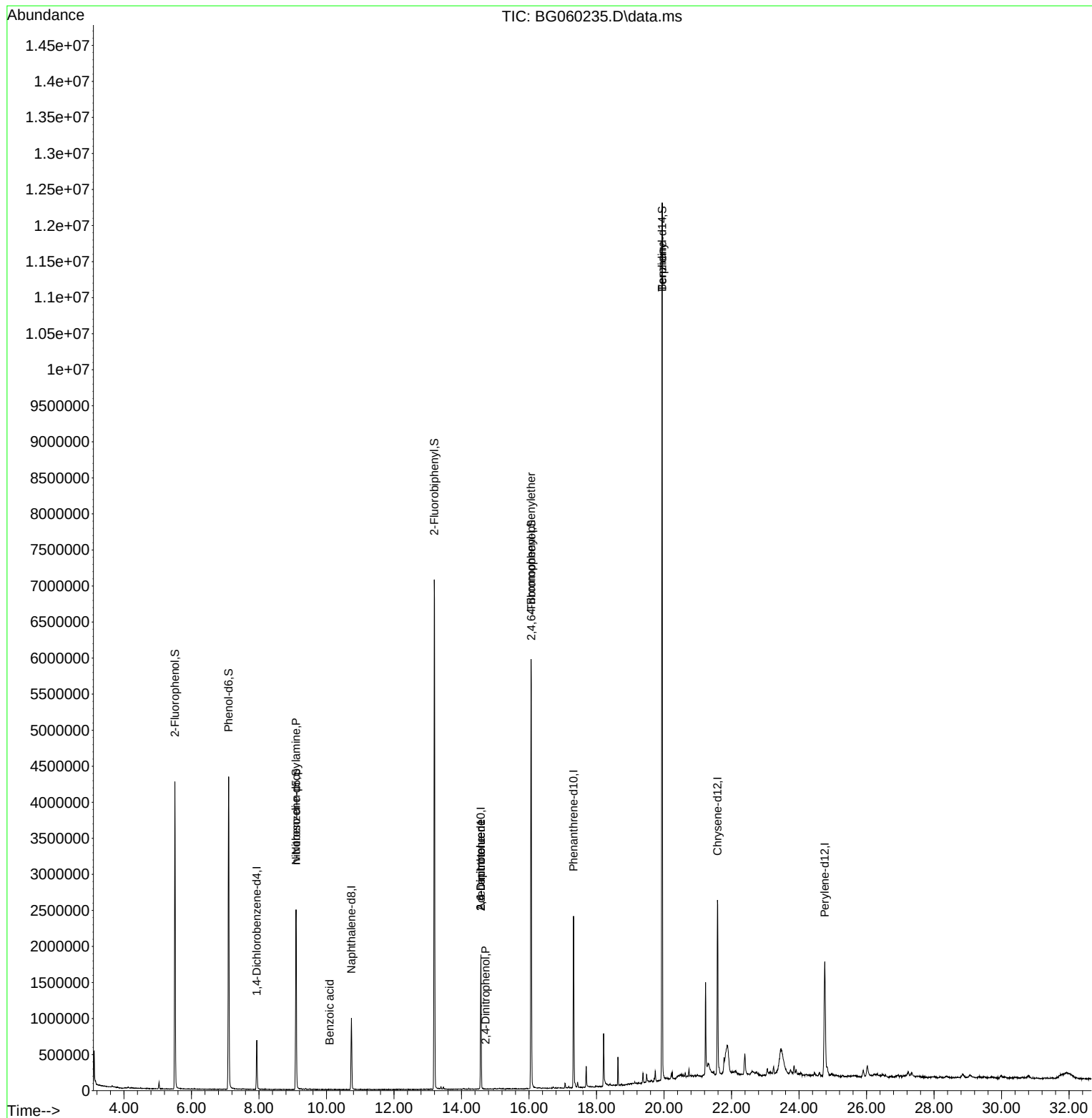
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	208326	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	851487	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	661048	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	1610432	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1467146	20.000	ng	0.00
86) Perylene-d12	24.762	264	1689607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1908367	138.263	ng	0.00
7) Phenol-d6	7.100	99	2805211	136.883	ng	0.00
23) Nitrobenzene-d5	9.098	82	1658487	89.967	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1274197	143.996	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	3830080	83.272	ng	0.00
79) Terphenyl-d14	19.944	244	5352669	70.139	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	204494	14.607	ng	# 87
32) Benzoic acid	10.091	122	69	10.277	ng	# 35
51) 2,6-Dinitrotoluene	14.574	165	86482	8.147	ng	# 30
54) 2,4-Dinitrophenol	14.709	184	83	8.248	ng	# 25
57) 2,4-Dinitrotoluene	14.574	165	86482	5.991	ng	# 28
67) 4-Bromophenyl-phenylether	16.060	248	78773	4.614	ng	# 1
77) Benzidine	19.944	184	100314	2.470	ng	# 91

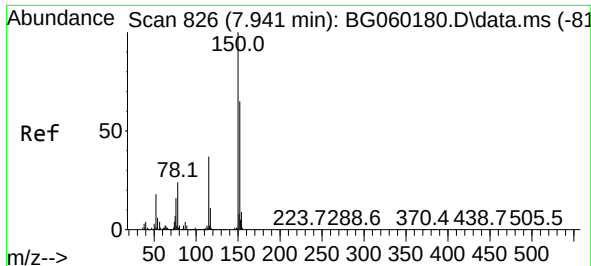
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 30 03:14:04 2023
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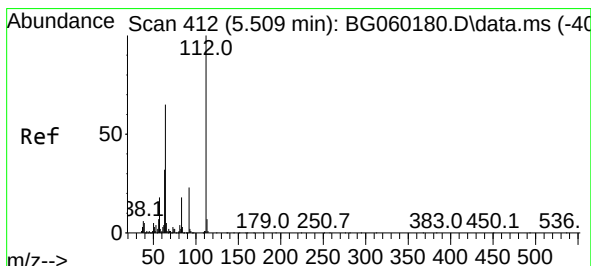
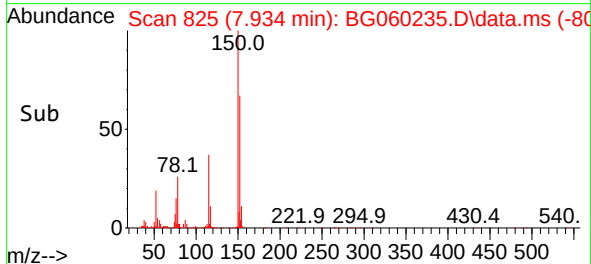
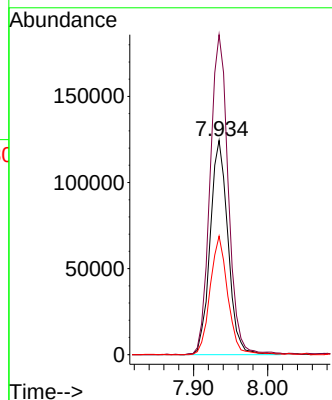
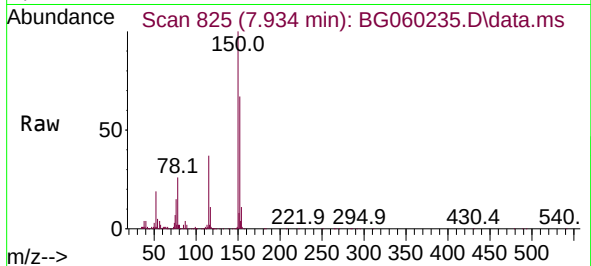




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

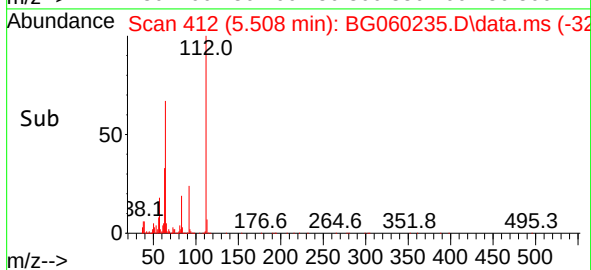
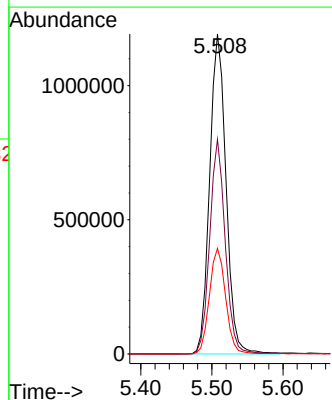
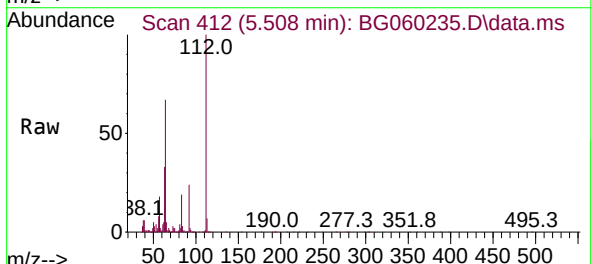
Instrument :
BNA_G
ClientSampleId :

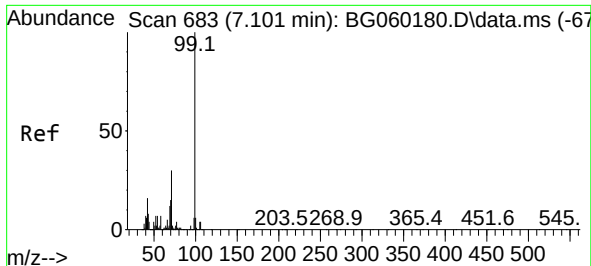
Tgt Ion:152 Resp: 208326
Ion Ratio Lower Upper
152 100
150 149.4 123.4 185.0
115 55.4 45.4 68.0



#5
2-Fluorophenol
Concen: 138.263 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

Tgt Ion:112 Resp: 1908367
Ion Ratio Lower Upper
112 100
64 67.1 52.2 78.4
63 33.0 25.4 38.0

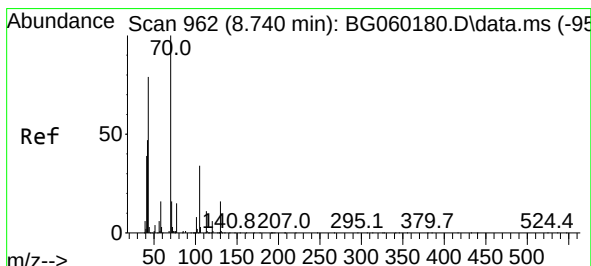
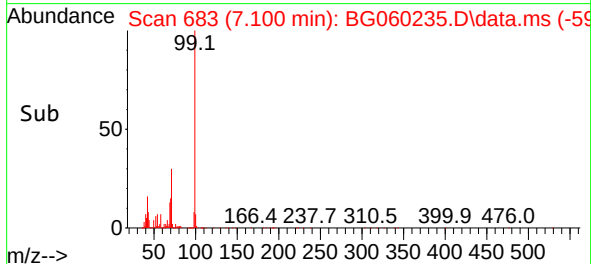
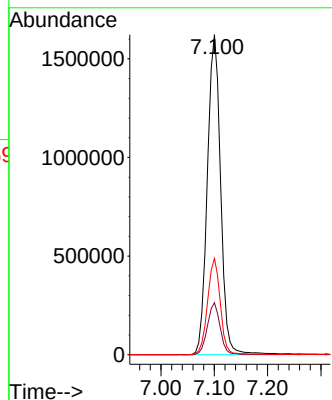
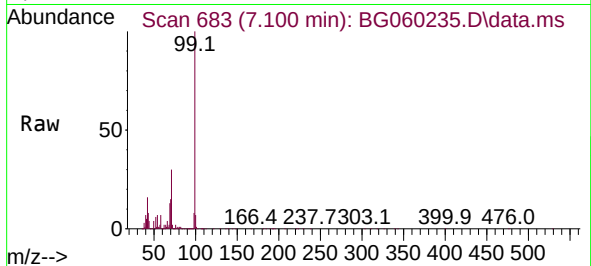




#7
Phenol-d6
Concen: 136.883 ng
RT: 7.100 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

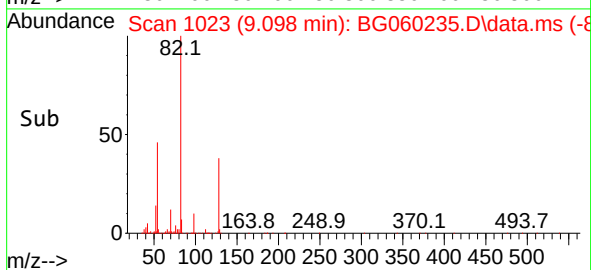
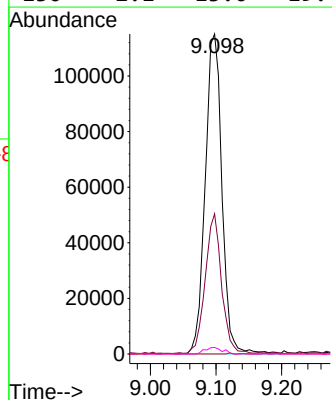
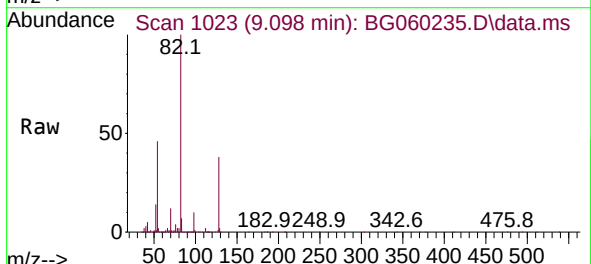
Instrument :
BNA_G
ClientSampleId :

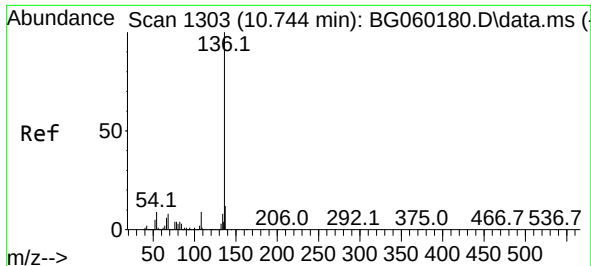
Tgt Ion: 99 Resp: 2805211
Ion Ratio Lower Upper
99 100
42 16.2 12.5 18.7
71 30.1 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 14.607 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.358 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

Tgt Ion: 70 Resp: 204494
Ion Ratio Lower Upper
70 100
42 43.8 37.9 56.9
101 0.0 6.2 9.2#
130 2.1 13.0 19.4#

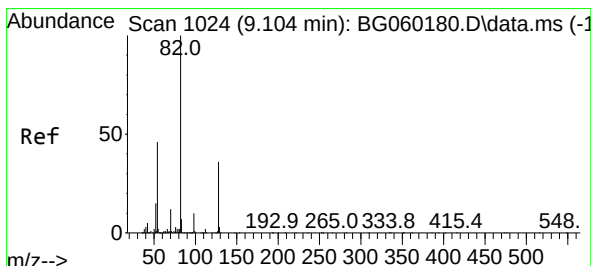
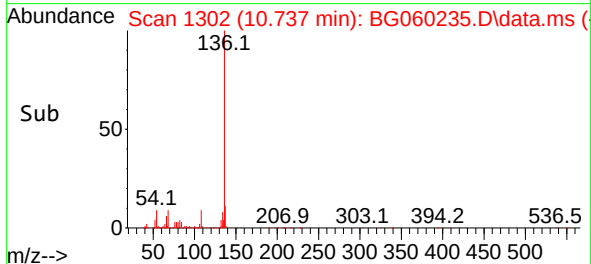
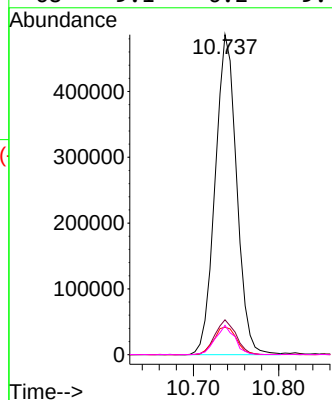
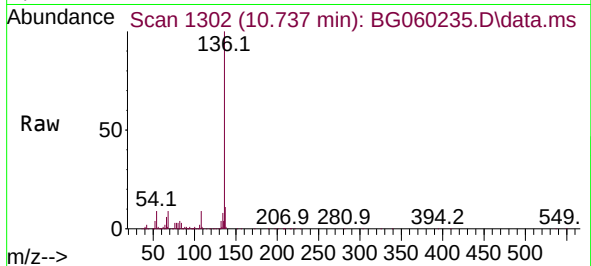




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

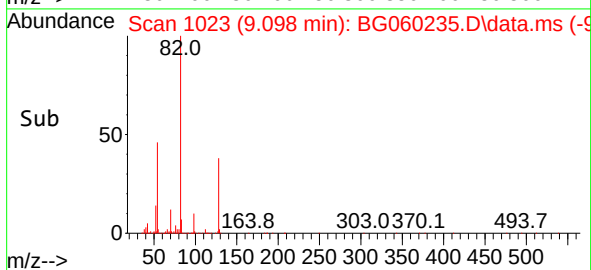
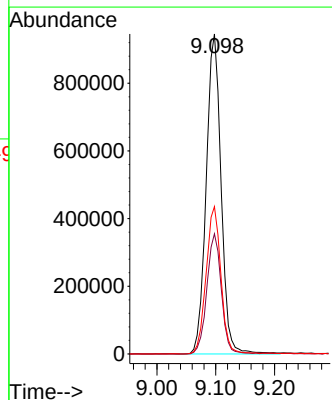
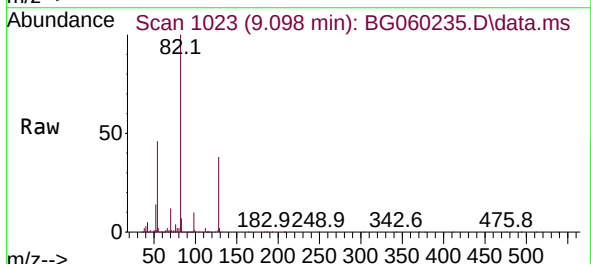
Instrument :
BNA_G
ClientSampleId :

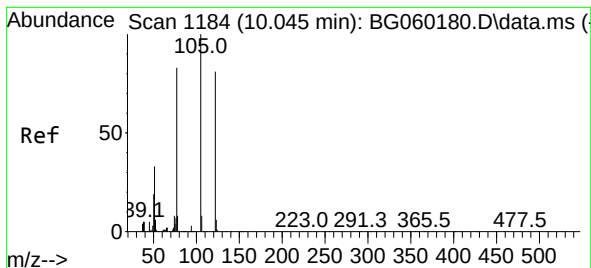
Tgt Ion:136 Resp: 851487
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 8.6 7.4 11.2
68 9.1 6.2 9.4



#23
Nitrobenzene-d5
Concen: 89.967 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.007 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

Tgt Ion: 82 Resp: 1658487
Ion Ratio Lower Upper
82 100
128 37.5 28.7 43.1
54 46.1 36.9 55.3

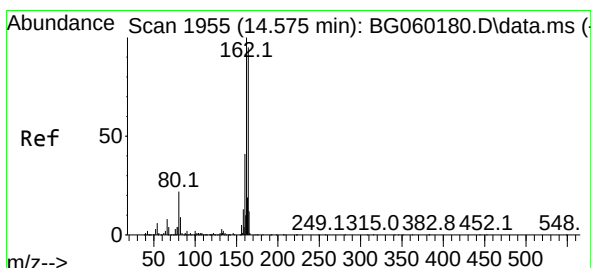
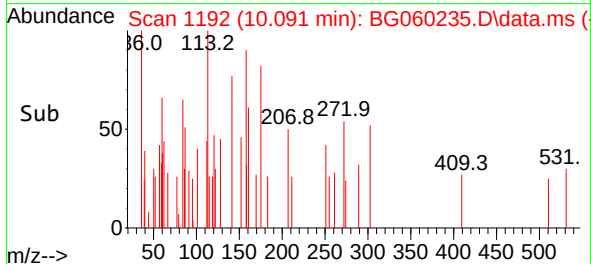
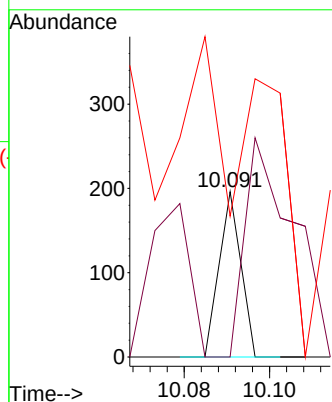
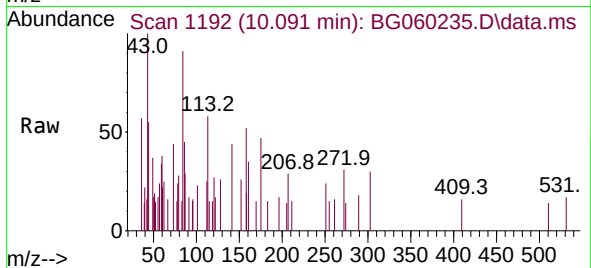




#32
Benzoic acid
Concen: 10.277 ng
RT: 10.091 min Scan# 1184
Delta R.T. 0.046 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

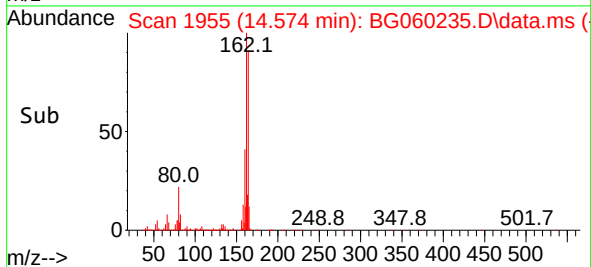
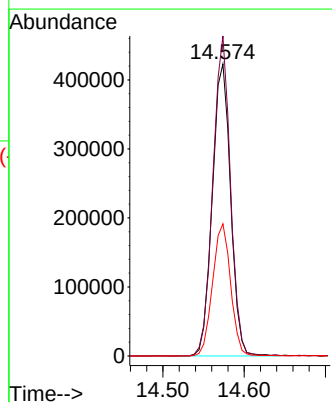
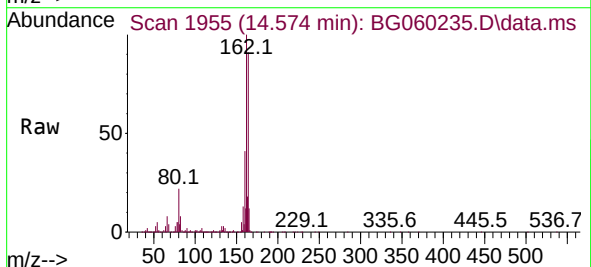
Instrument :
BNA_G
ClientSampleId :

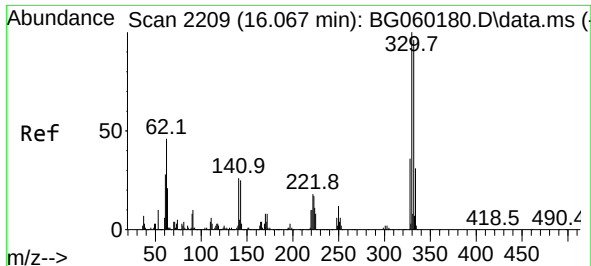
Tgt Ion:122 Resp: 69
Ion Ratio Lower Upper
122 100
105 0.0 99.2 139.2#
77 85.2 81.0 121.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

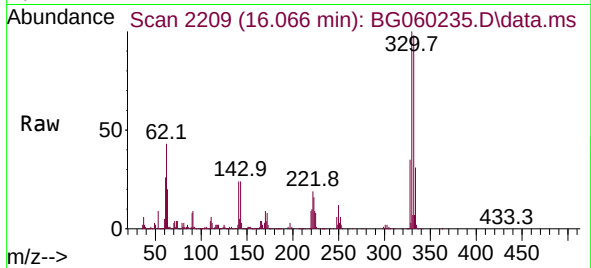
Tgt Ion:164 Resp: 661048
Ion Ratio Lower Upper
164 100
162 109.6 83.9 125.9
160 45.2 34.2 51.4



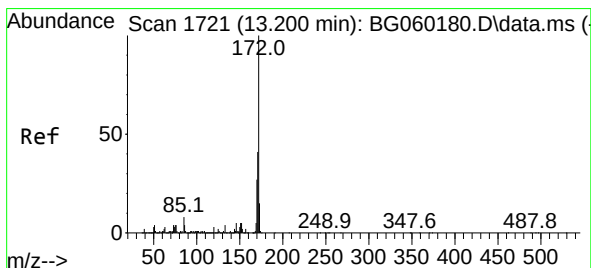
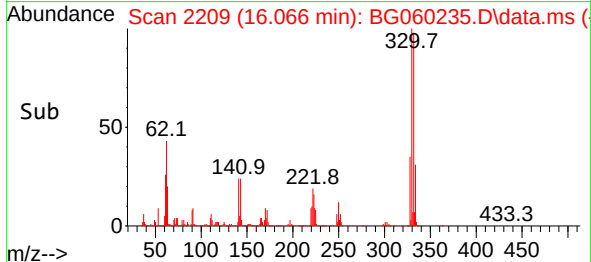
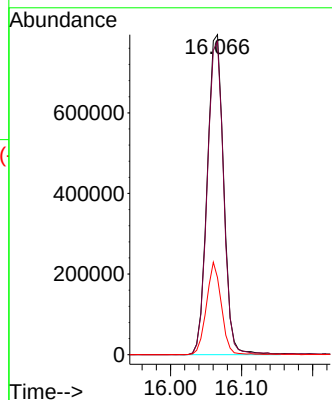


#42
2,4,6-Tribromophenol
Concen: 143.996 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

Instrument :
BNA_G
ClientSampleId :

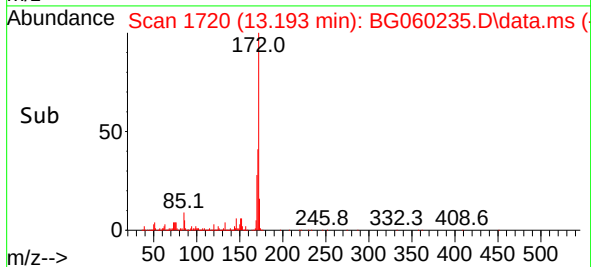
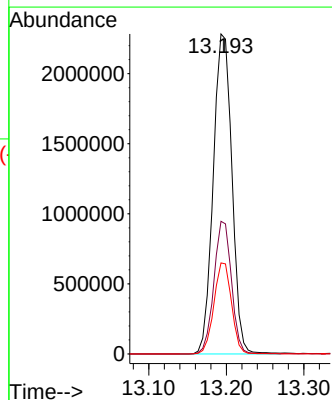
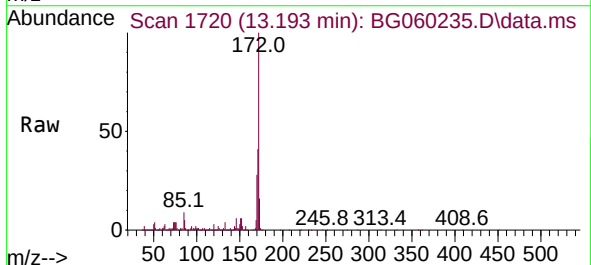


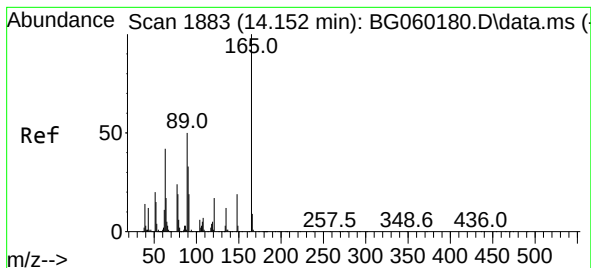
Tgt Ion:330 Resp: 1274197
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 26.3 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 83.272 ng
RT: 13.193 min Scan# 1720
Delta R.T. -0.007 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

Tgt Ion:172 Resp: 3830080
Ion Ratio Lower Upper
172 100
171 41.4 32.6 48.8
170 28.5 21.8 32.6

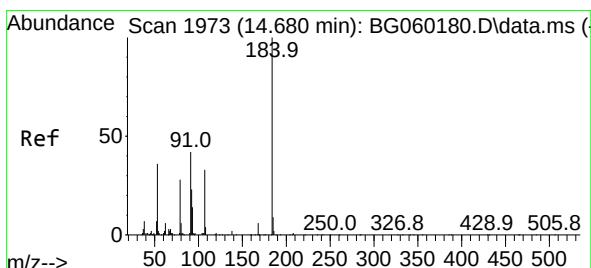
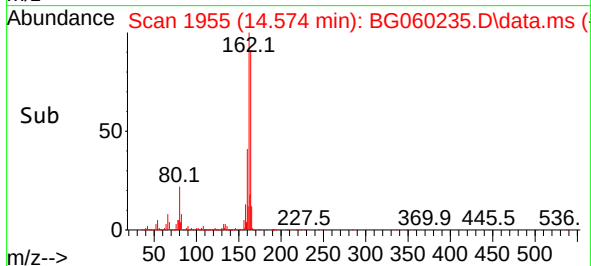
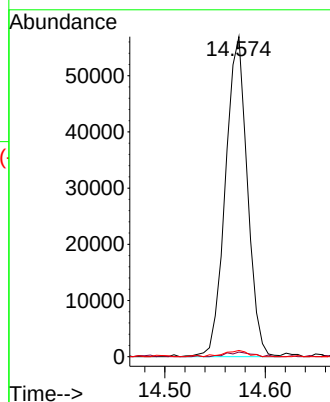
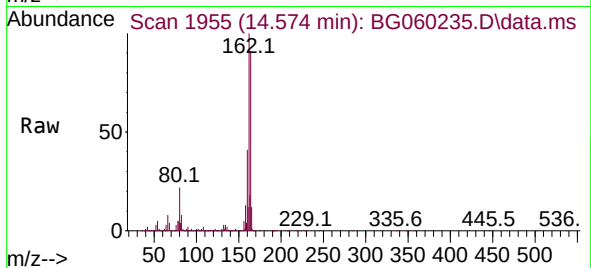




#51
2,6-Dinitrotoluene
Concen: 8.147 ng
RT: 14.574 min Scan# 1955
Delta R.T. 0.422 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

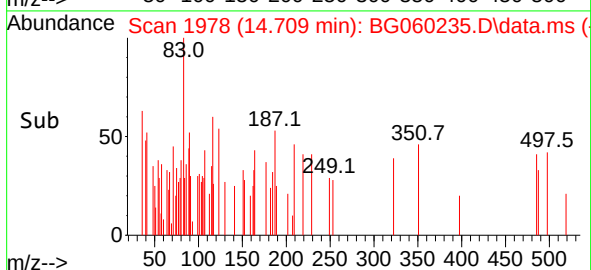
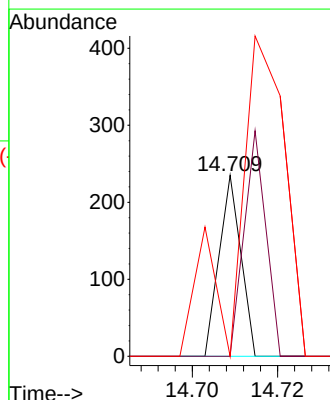
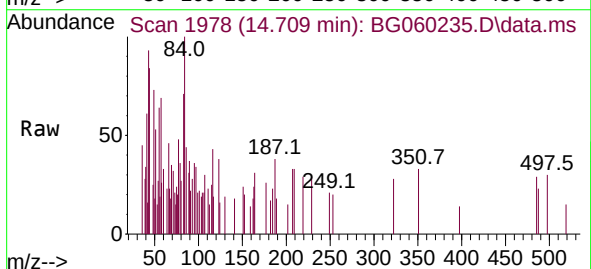
Instrument :
BNA_G
ClientSampleId :

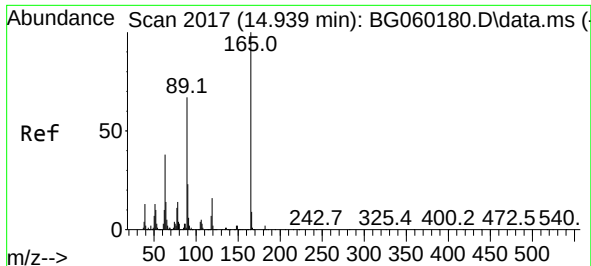
Tgt Ion:165 Resp: 86482
Ion Ratio Lower Upper
165 100
63 1.4 39.3 58.9#
89 1.9 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.248 ng
RT: 14.709 min Scan# 1978
Delta R.T. 0.029 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

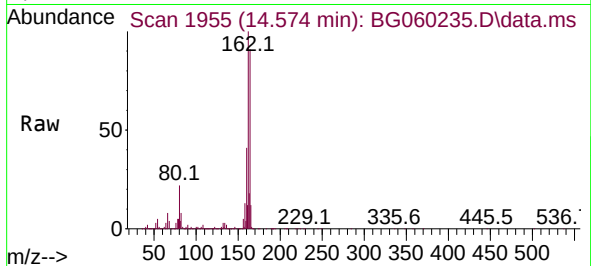
Tgt Ion:184 Resp: 83
Ion Ratio Lower Upper
184 100
63 0.0 45.4 68.2#
154 0.0 40.0 60.0#



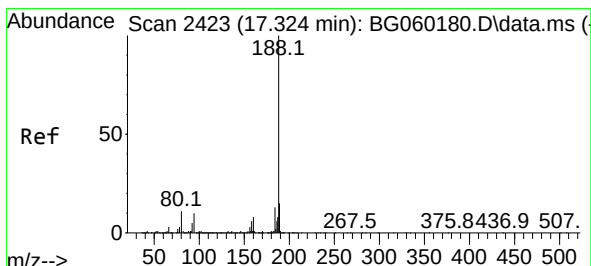
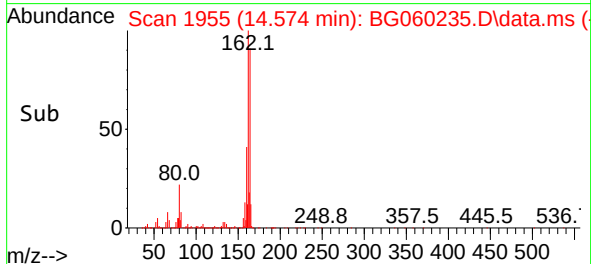
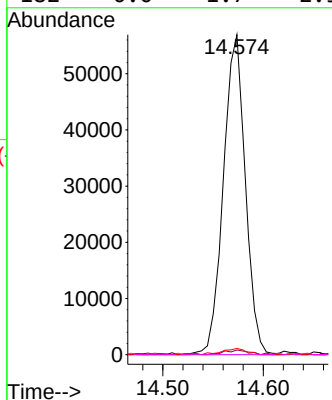


#57
2,4-Dinitrotoluene
Concen: 5.991 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.365 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

Instrument :
BNA_G
ClientSampleId :

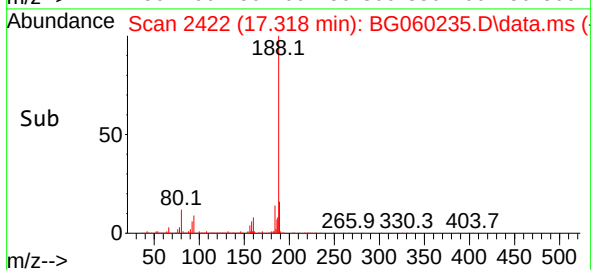
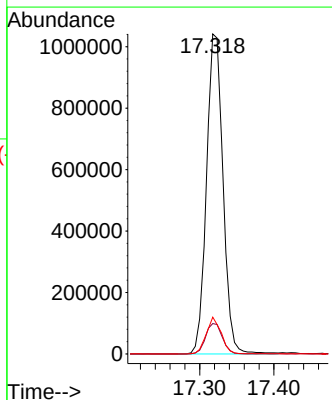
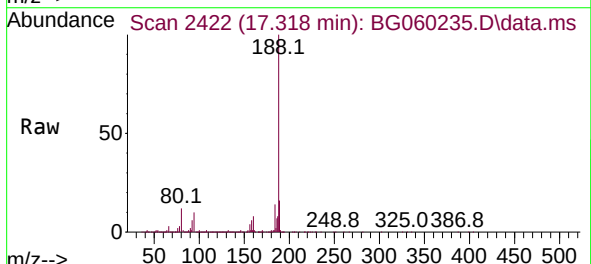


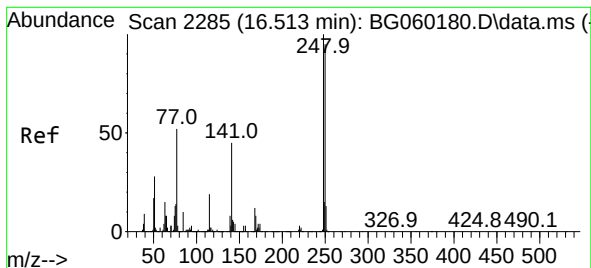
Tgt Ion:165 Resp: 86482
Ion Ratio Lower Upper
165 100
63 1.4 31.0 46.6#
89 1.9 53.3 79.9#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2422
Delta R.T. -0.007 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

Tgt Ion:188 Resp: 1610432
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.6
80 11.5 8.6 13.0

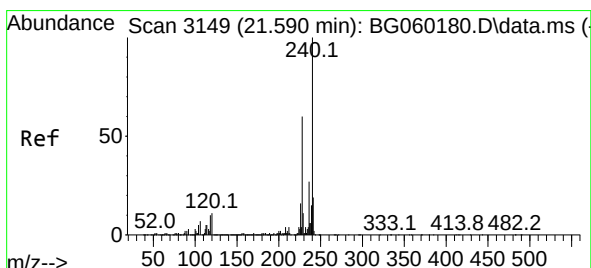
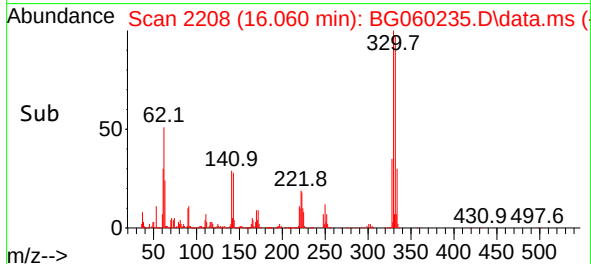
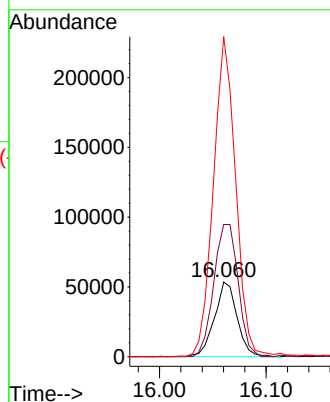
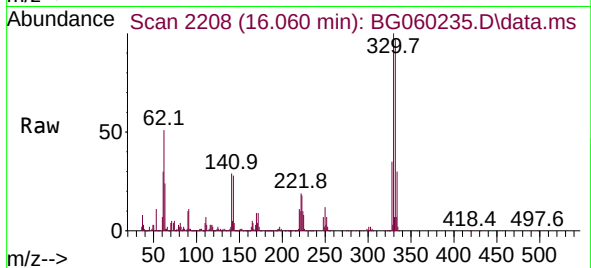




#67
4-Bromophenyl-phenylether
Concen: 4.614 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

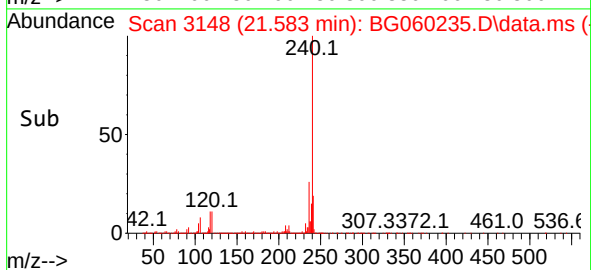
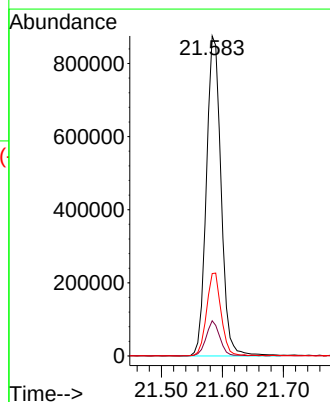
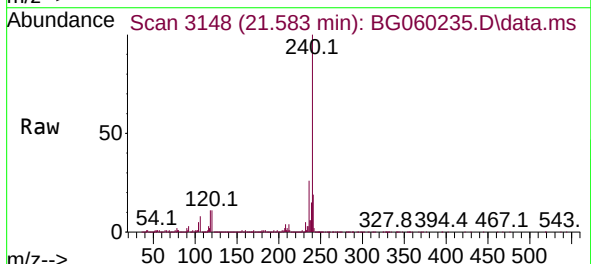
Instrument :
BNA_G
ClientSampleId :

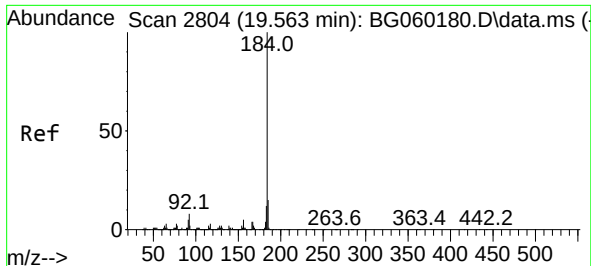
Tgt Ion:248 Resp: 78773
Ion Ratio Lower Upper
248 100
250 177.3 76.2 114.4#
141 429.2 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3148
Delta R.T. -0.007 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

Tgt Ion:240 Resp: 1467146
Ion Ratio Lower Upper
240 100
120 11.0 8.5 12.7
236 25.8 21.4 32.2

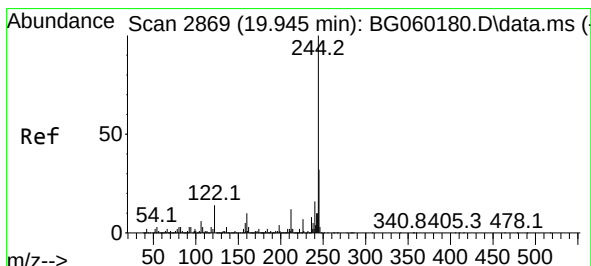
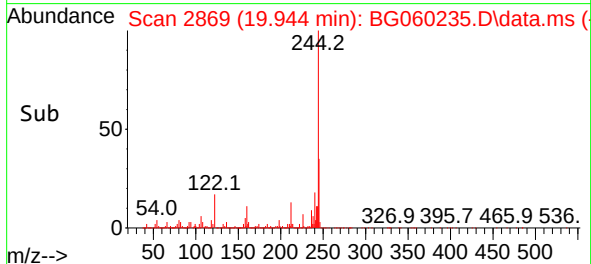
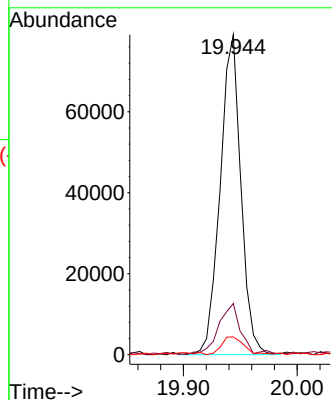
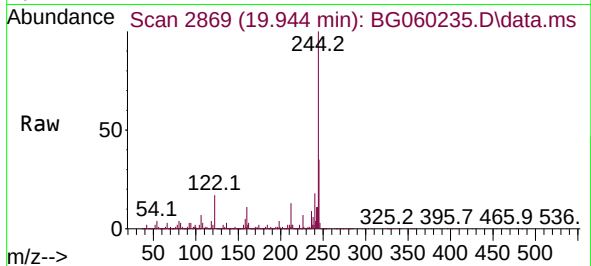




#77
Benzidine
Concen: 2.470 ng
RT: 19.944 min Scan# 2804
Delta R.T. 0.381 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

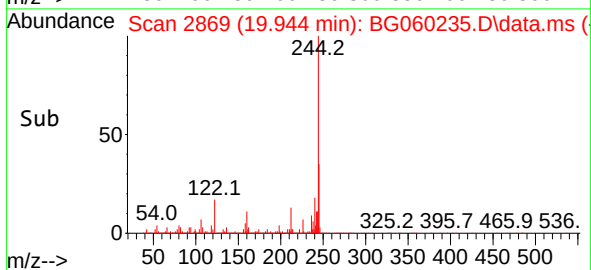
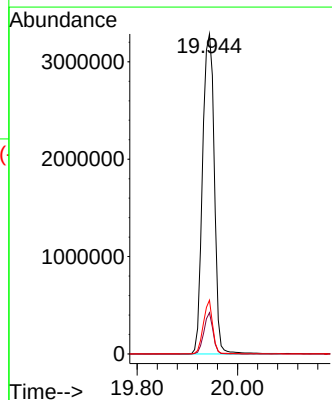
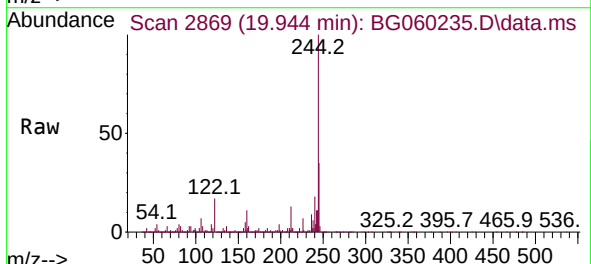
Instrument :
BNA_G
ClientSampleId :

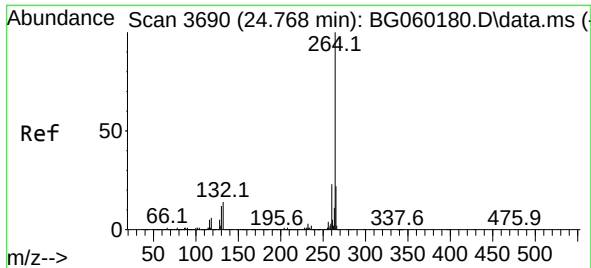
Tgt Ion:184 Resp: 100314
Ion Ratio Lower Upper
184 100
185 16.0 11.7 17.5
183 5.5 9.4 14.2#



#79
Terphenyl-d14
Concen: 70.139 ng
RT: 19.944 min Scan# 2869
Delta R.T. -0.001 min
Lab File: BG060235.D
Acq: 3 Jan 2024 20:21

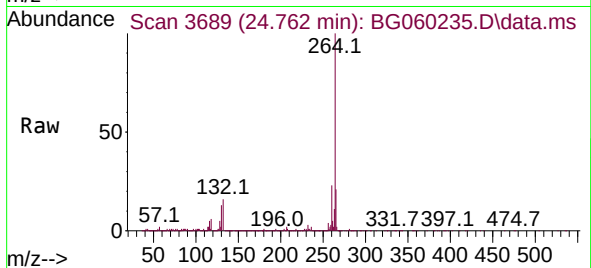
Tgt Ion:244 Resp: 5352669
Ion Ratio Lower Upper
244 100
212 12.9 9.5 14.3
122 16.8 11.4 17.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.762 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BG060235.D
 Acq: 3 Jan 2024 20:21

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 1689607

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.0	27.0
265	21.2	17.4	26.0

