

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060193.D
 Acq On : 2 Jan 2024 13:49
 Operator : MA/JU
 Sample : 05898-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 02 14:22:22 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)

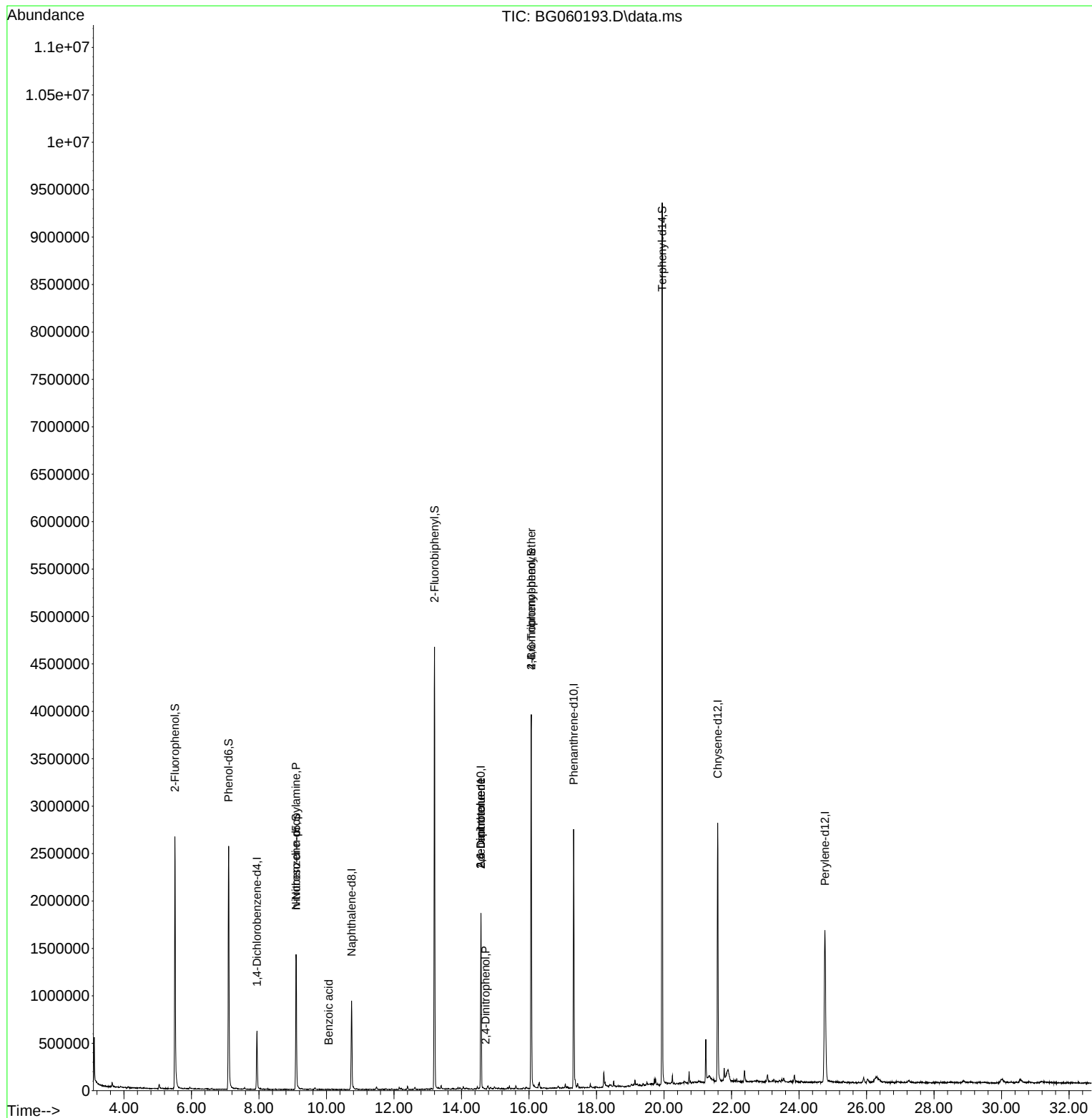
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	197086	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	835328	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	666017	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1801494	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1645736	20.000	ng	0.00
86) Perylene-d12	24.768	264	1797402	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1313661	100.604	ng	0.00
7) Phenol-d6	7.101	99	1784991	92.068	ng	0.00
23) Nitrobenzene-d5	9.098	82	972184	53.757	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	817405	91.685	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	2605084	56.216	ng	0.00
79) Terphenyl-d14	19.945	244	4395301	51.344	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.098	70	118163	8.921	ng	# 87
32) Benzoic acid	10.062	122	112	10.281	ng	# 1
51) 2,6-Dinitrotoluene	14.574	165	91383	8.544	ng	# 29
54) 2,4-Dinitrophenol	14.710	184	134	8.256	ng	# 25
57) 2,4-Dinitrotoluene	14.574	165	91383	6.283	ng	# 27
67) 4-Bromophenyl-phenylether	16.067	248	47158	2.469	ng	# 1

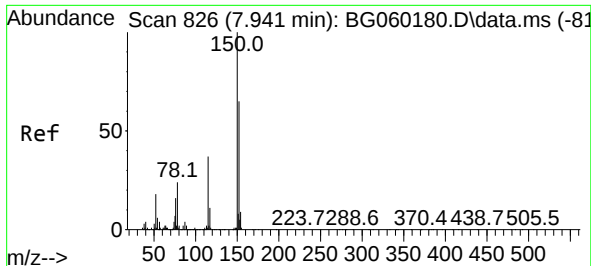
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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Quant Time: Jan 02 14:22:22 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

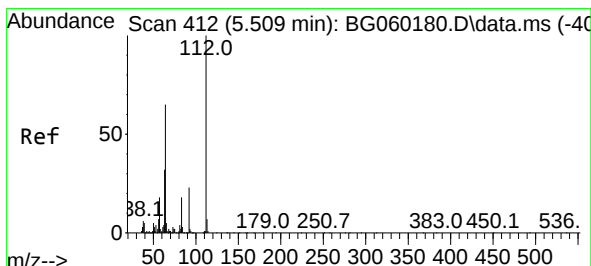
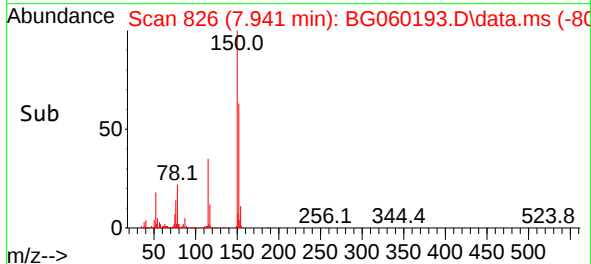
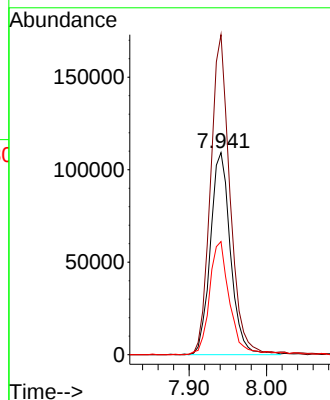
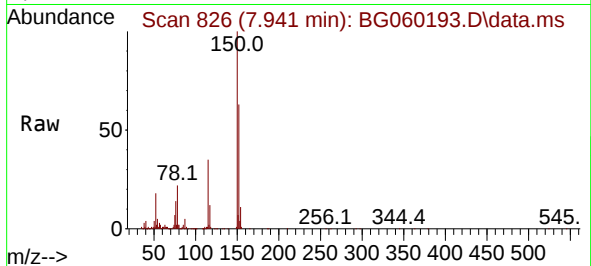




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG060193.D
Acq: 2 Jan 2024 13:49

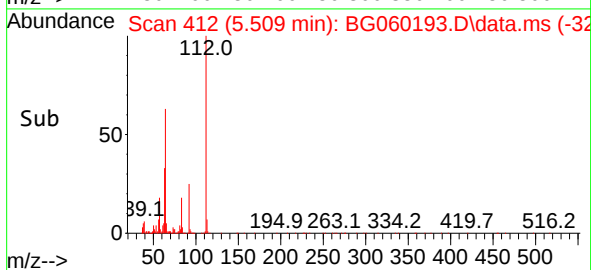
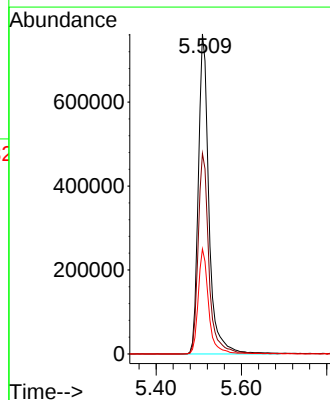
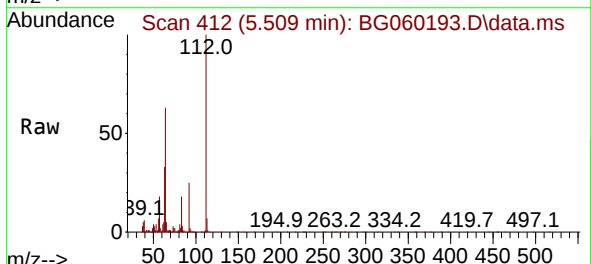
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 197086
Ion Ratio Lower Upper
152 100
150 158.3 123.4 185.0
115 56.0 45.4 68.0



#5
2-Fluorophenol
Concen: 100.604 ng
RT: 5.509 min Scan# 412
Delta R.T. -0.000 min
Lab File: BG060193.D
Acq: 2 Jan 2024 13:49

Tgt Ion:112 Resp: 1313661
Ion Ratio Lower Upper
112 100
64 62.6 52.2 78.4
63 32.8 25.4 38.0

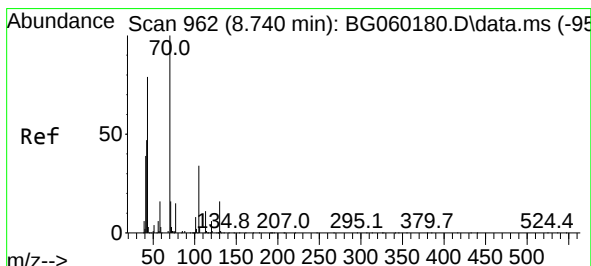
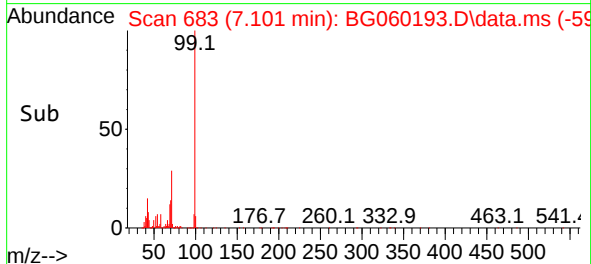
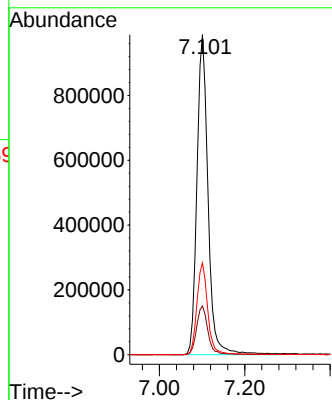
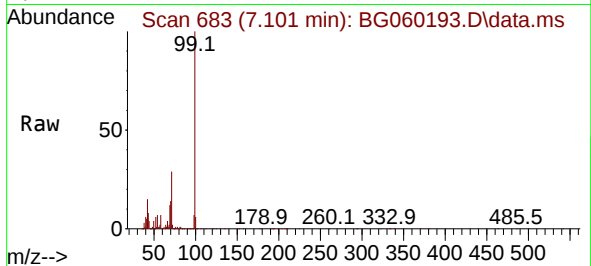




#7
Phenol-d6
Concen: 92.068 ng
RT: 7.101 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG060193.D
Acq: 2 Jan 2024 13:49

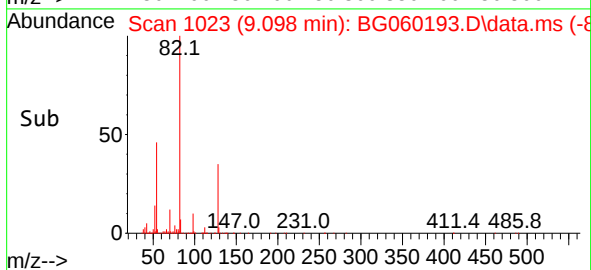
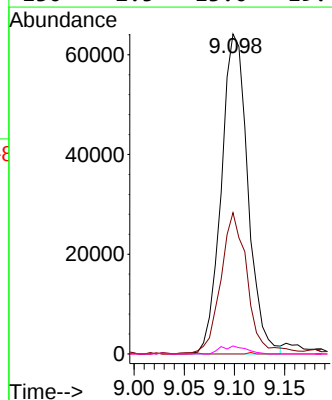
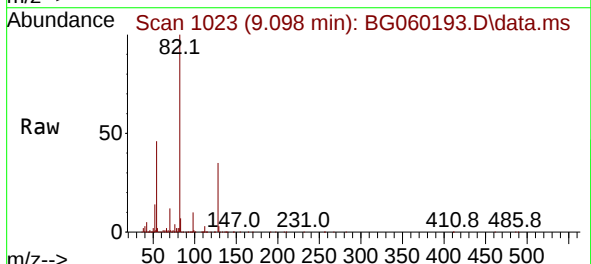
Instrument :
BNA_G
ClientSampleId :

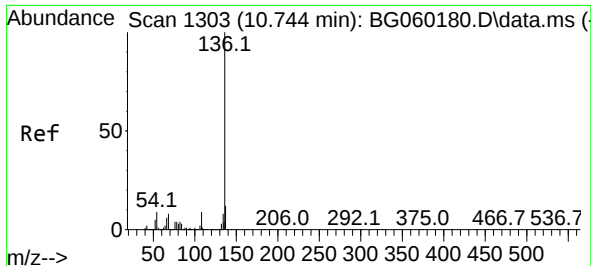
Tgt Ion: 99 Resp: 1784991
Ion Ratio Lower Upper
99 100
42 15.2 12.5 18.7
71 28.7 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 8.921 ng
RT: 9.098 min Scan# 1023
Delta R.T. 0.358 min
Lab File: BG060193.D
Acq: 2 Jan 2024 13:49

Tgt Ion: 70 Resp: 118163
Ion Ratio Lower Upper
70 100
42 44.2 37.9 56.9
101 0.0 6.2 9.2#
130 2.5 13.0 19.4#

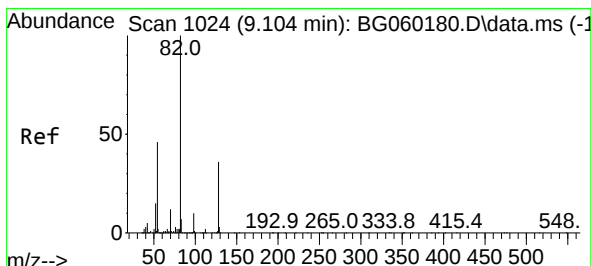
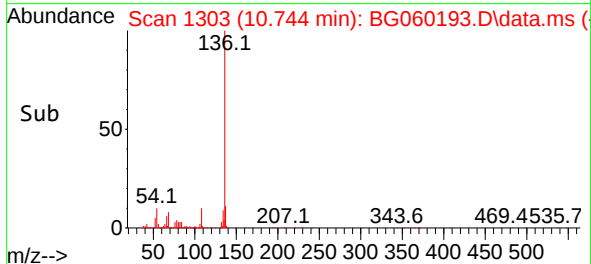
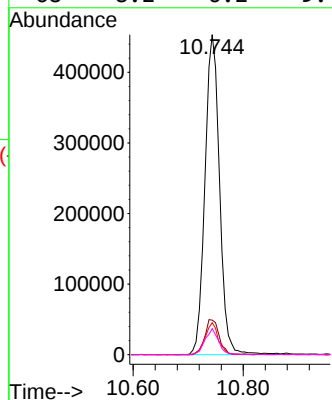
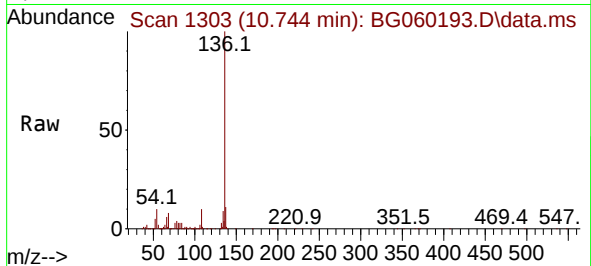




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BG060193.D
Acq: 2 Jan 2024 13:49

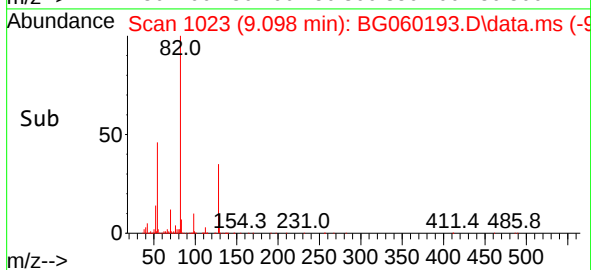
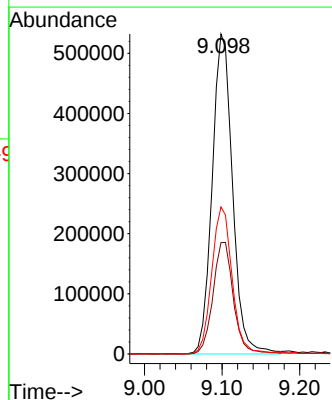
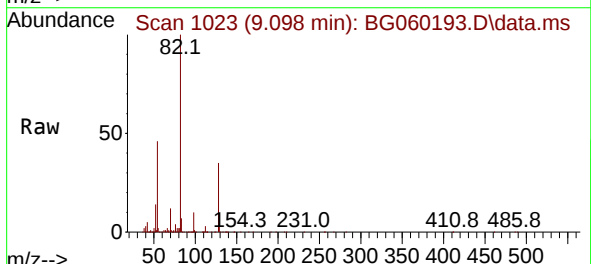
Instrument :
BNA_G
ClientSampleId :

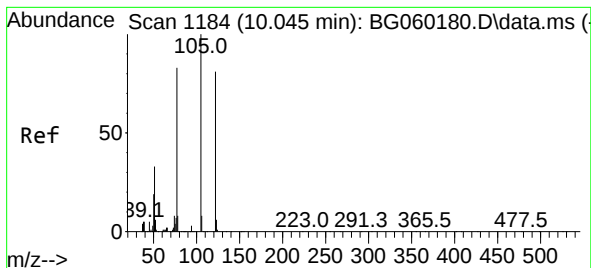
Tgt Ion:	136	Resp:	835328
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.4	14.0
54	10.0	7.4	11.2
68	8.2	6.2	9.4



#23
Nitrobenzene-d5
Concen: 53.757 ng
RT: 9.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG060193.D
Acq: 2 Jan 2024 13:49

Tgt Ion:	82	Resp:	972184
Ion	Ratio	Lower	Upper
82	100		
128	34.8	28.7	43.1
54	46.0	36.9	55.3

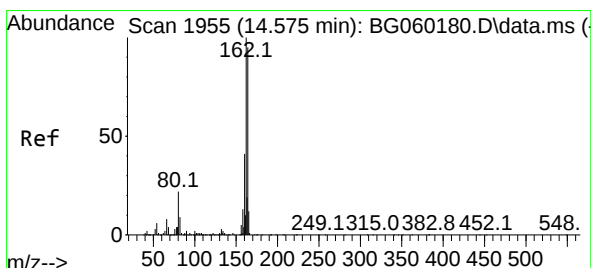
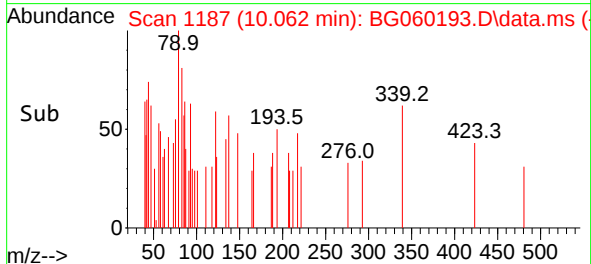
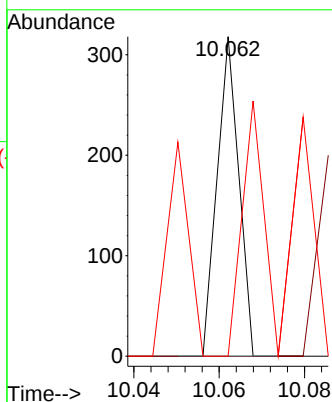
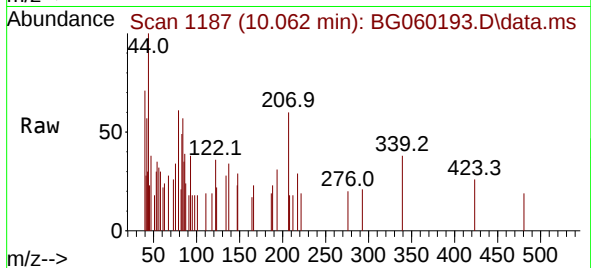




#32
Benzoic acid
Concen: 10.281 ng
RT: 10.062 min Scan# 1187
Delta R.T. 0.017 min
Lab File: BG060193.D
Acq: 2 Jan 2024 13:49

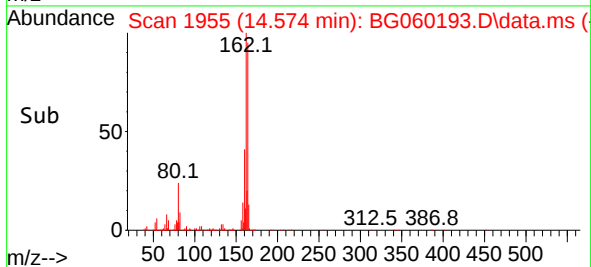
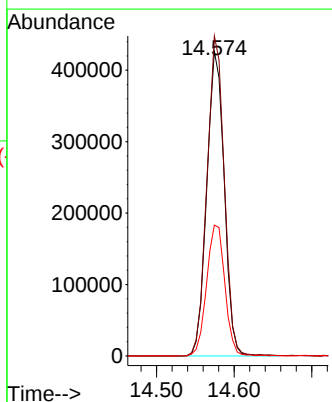
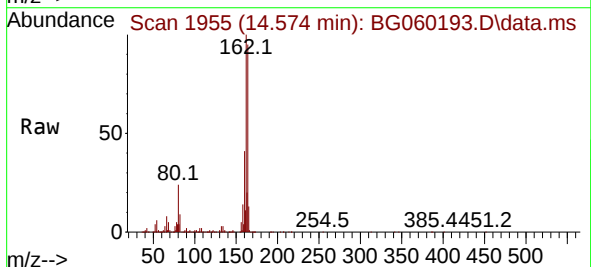
Instrument :
BNA_G
ClientSampleId :

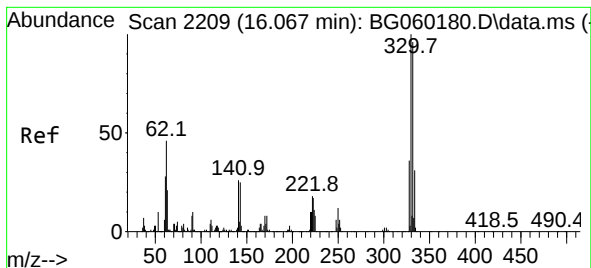
Tgt Ion:122 Resp: 112
Ion Ratio Lower Upper
122 100
105 0.0 99.2 139.2#
77 0.0 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BG060193.D
Acq: 2 Jan 2024 13:49

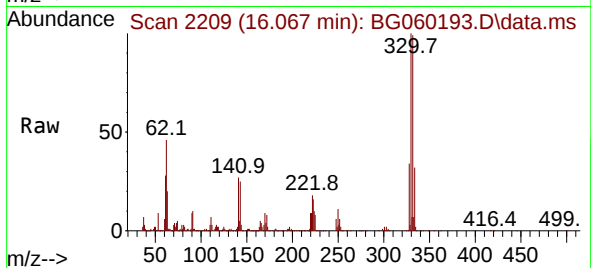
Tgt Ion:164 Resp: 666017
Ion Ratio Lower Upper
164 100
162 105.0 83.9 125.9
160 43.0 34.2 51.4



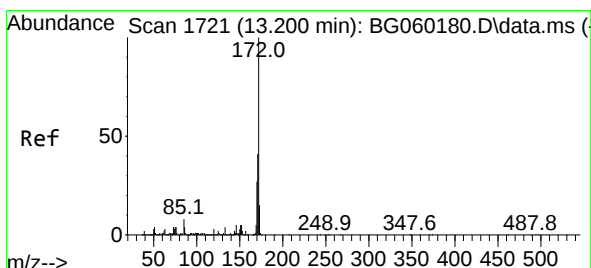
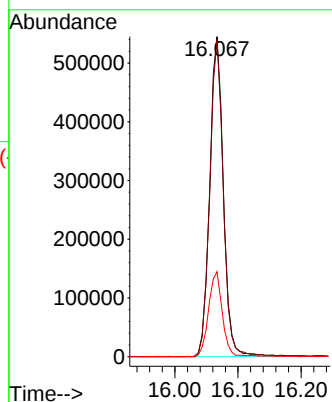
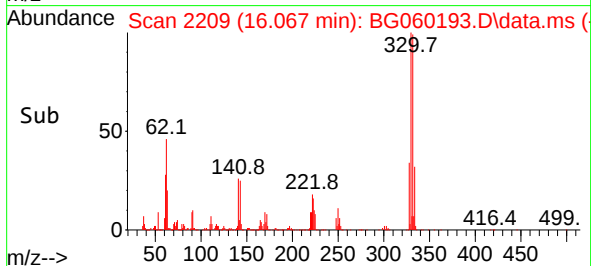


#42
2,4,6-Tribromophenol
Concen: 91.685 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060193.D
Acq: 2 Jan 2024 13:49

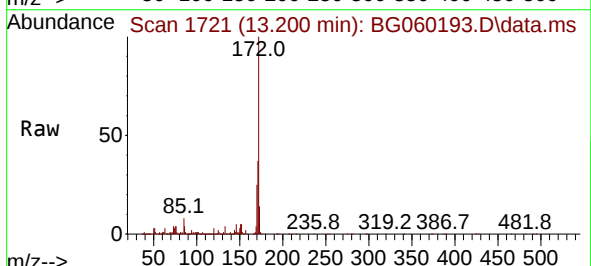
Instrument :
BNA_G
ClientSampleId :



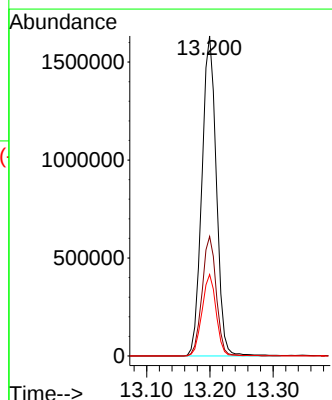
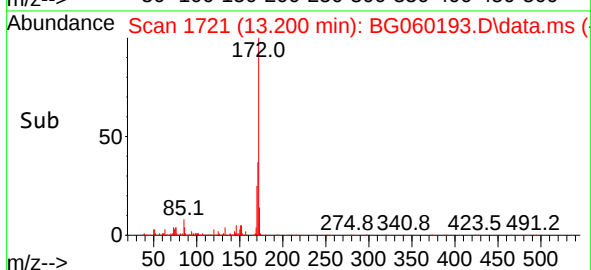
Tgt Ion:330 Resp: 817405
Ion Ratio Lower Upper
330 100
332 97.6 76.7 115.1
141 26.5 21.0 31.4

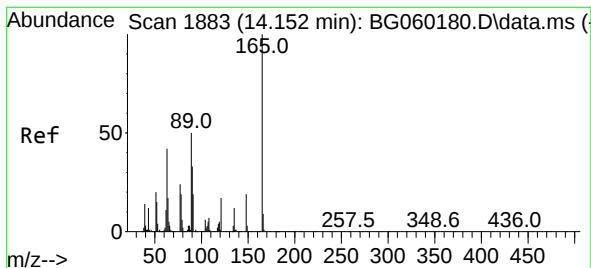


#45
2-Fluorobiphenyl
Concen: 56.216 ng
RT: 13.200 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BG060193.D
Acq: 2 Jan 2024 13:49



Tgt Ion:172 Resp: 2605084
Ion Ratio Lower Upper
172 100
171 37.4 32.6 48.8
170 25.5 21.8 32.6

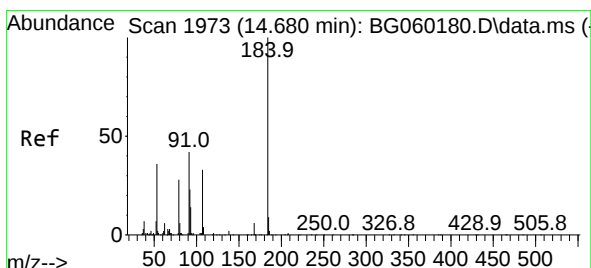
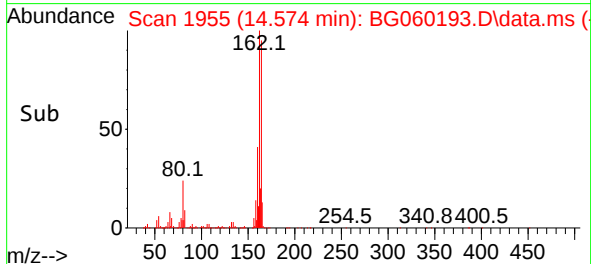
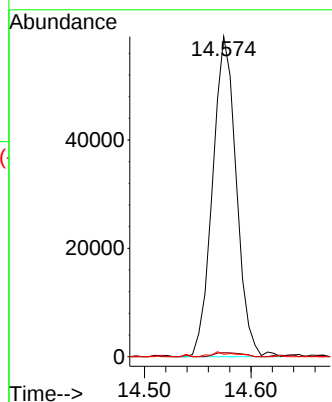
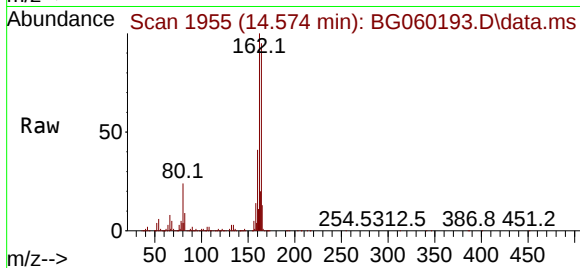




#51
2,6-Dinitrotoluene
Concen: 8.544 ng
RT: 14.574 min Scan# 1955
Delta R.T. 0.423 min
Lab File: BG060193.D
Acq: 2 Jan 2024 13:49

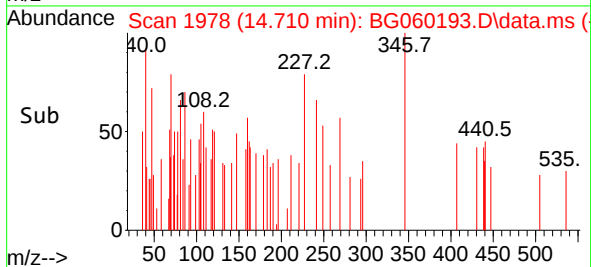
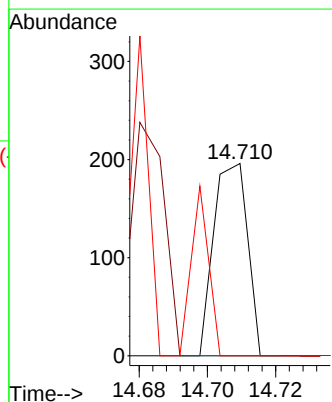
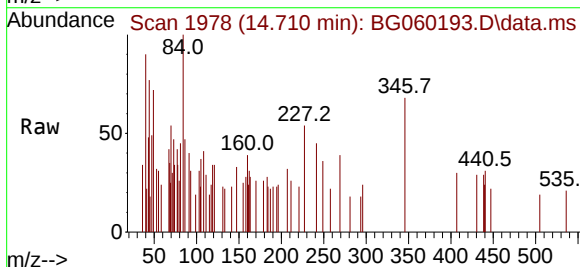
Instrument :
BNA_G
ClientSampleId :

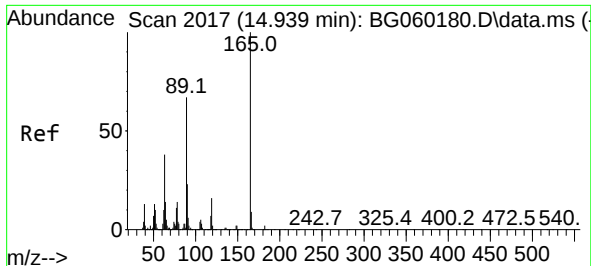
Tgt Ion:165 Resp: 91383
Ion Ratio Lower Upper
165 100
63 1.3 39.3 58.9#
89 0.8 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.256 ng
RT: 14.710 min Scan# 1978
Delta R.T. 0.030 min
Lab File: BG060193.D
Acq: 2 Jan 2024 13:49

Tgt Ion:184 Resp: 134
Ion Ratio Lower Upper
184 100
63 0.0 45.4 68.2#
154 0.0 40.0 60.0#

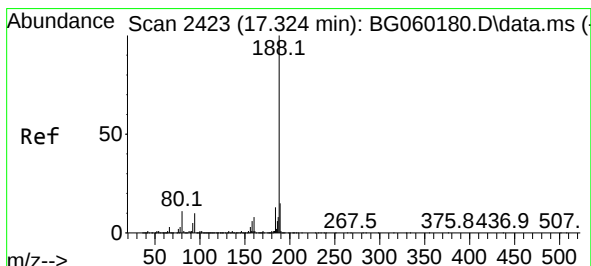
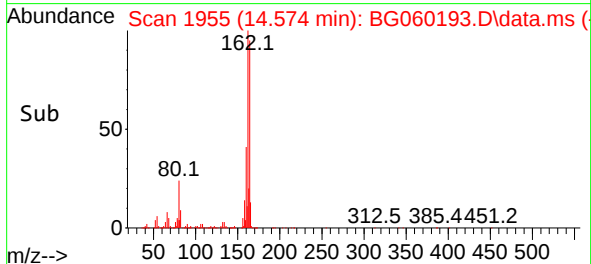
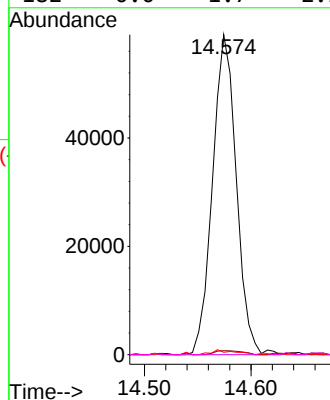
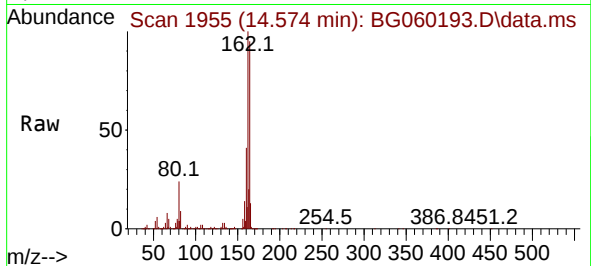




#57
2,4-Dinitrotoluene
Concen: 6.283 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.364 min
Lab File: BG060193.D
Acq: 2 Jan 2024 13:49

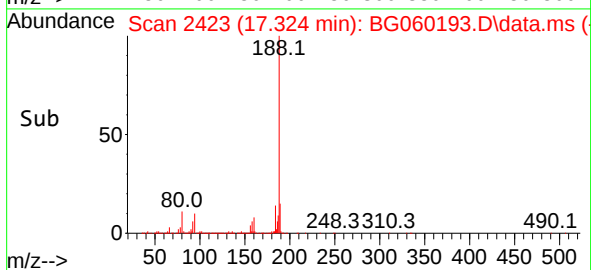
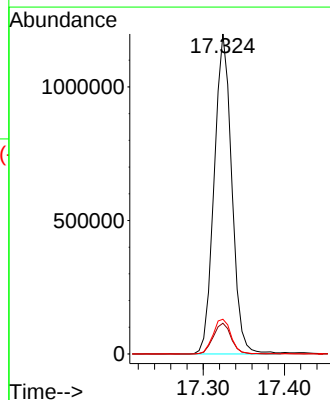
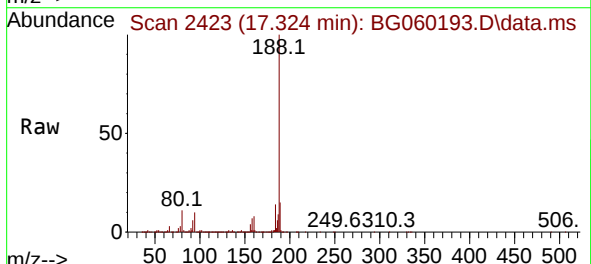
Instrument :
BNA_G
ClientSampleId :

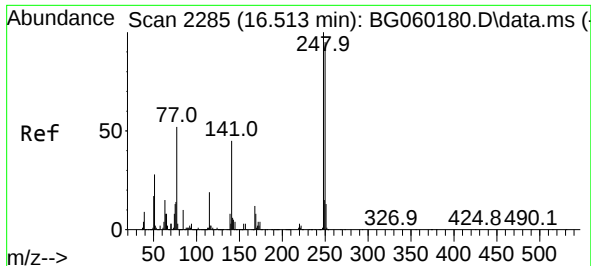
Tgt Ion:165 Resp: 91383
Ion Ratio Lower Upper
165 100
63 1.3 31.0 46.6#
89 0.8 53.3 79.9#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BG060193.D
Acq: 2 Jan 2024 13:49

Tgt Ion:188 Resp: 1801494
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.6
80 10.8 8.6 13.0

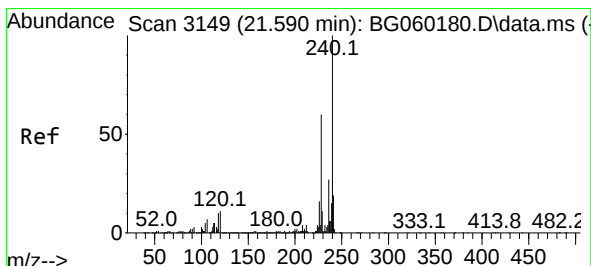
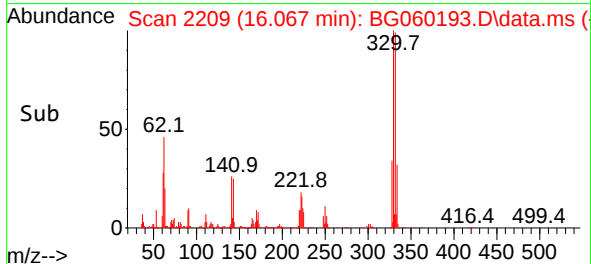
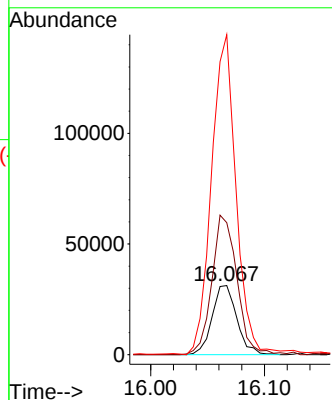
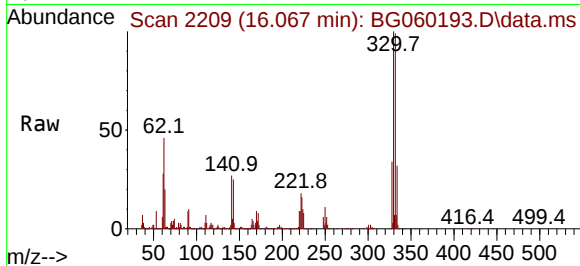




#67
4-Bromophenyl-phenylether
Concen: 2.469 ng
RT: 16.067 min Scan# 211
Delta R.T. -0.447 min
Lab File: BG060193.D
Acq: 2 Jan 2024 13:49

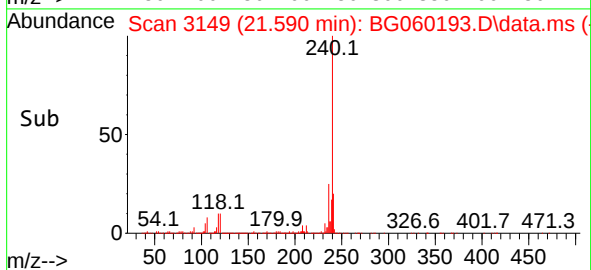
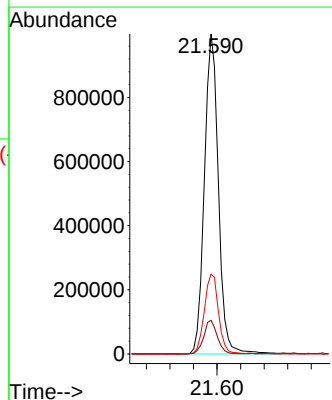
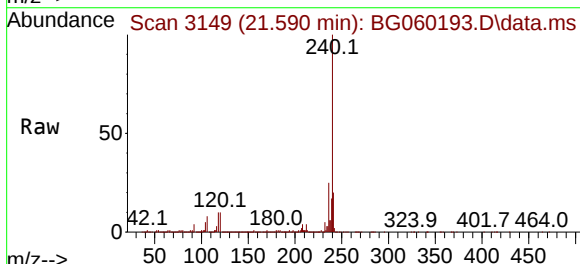
Instrument :
BNA_G
ClientSampleId :

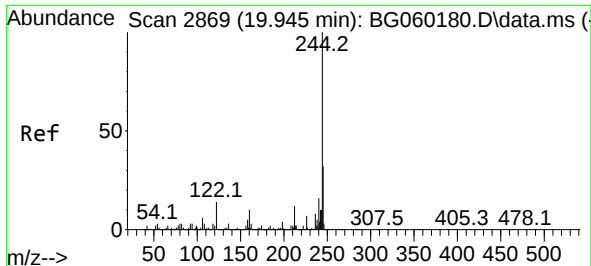
Tgt Ion:248 Resp: 47158
Ion Ratio Lower Upper
248 100
250 191.2 76.2 114.4#
141 463.1 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BG060193.D
Acq: 2 Jan 2024 13:49

Tgt Ion:240 Resp: 1645736
Ion Ratio Lower Upper
240 100
120 10.5 8.5 12.7
236 25.0 21.4 32.2

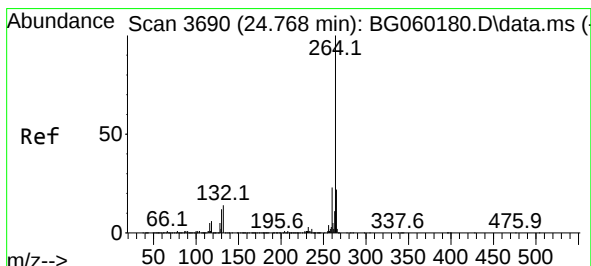
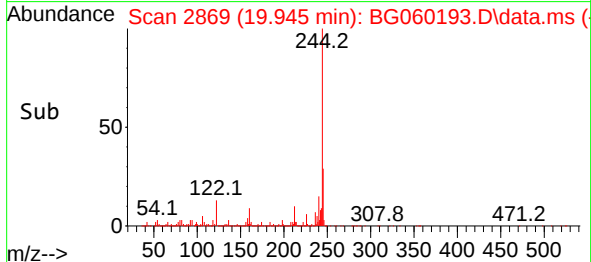
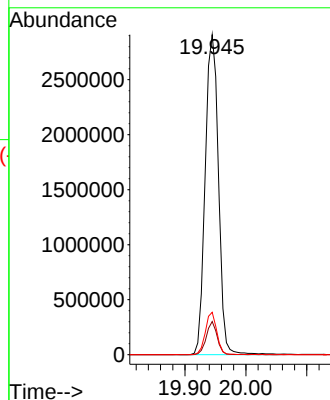
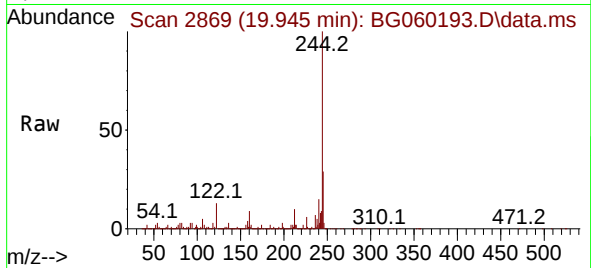




#79
 Terphenyl-d14
 Concen: 51.344 ng
 RT: 19.945 min Scan# 2869
 Delta R.T. -0.000 min
 Lab File: BG060193.D
 Acq: 2 Jan 2024 13:49

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:244 Resp: 4395301
 Ion Ratio Lower Upper
 244 100
 212 10.3 9.5 14.3
 122 13.3 11.4 17.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.768 min Scan# 3690
 Delta R.T. -0.000 min
 Lab File: BG060193.D
 Acq: 2 Jan 2024 13:49

Tgt Ion:264 Resp: 1797402
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.0 27.0
 265 21.9 17.4 26.0

