

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060273.D
 Acq On : 5 Jan 2024 16:37
 Operator : MA/JU
 Sample : 05965-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 17:24:53 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)

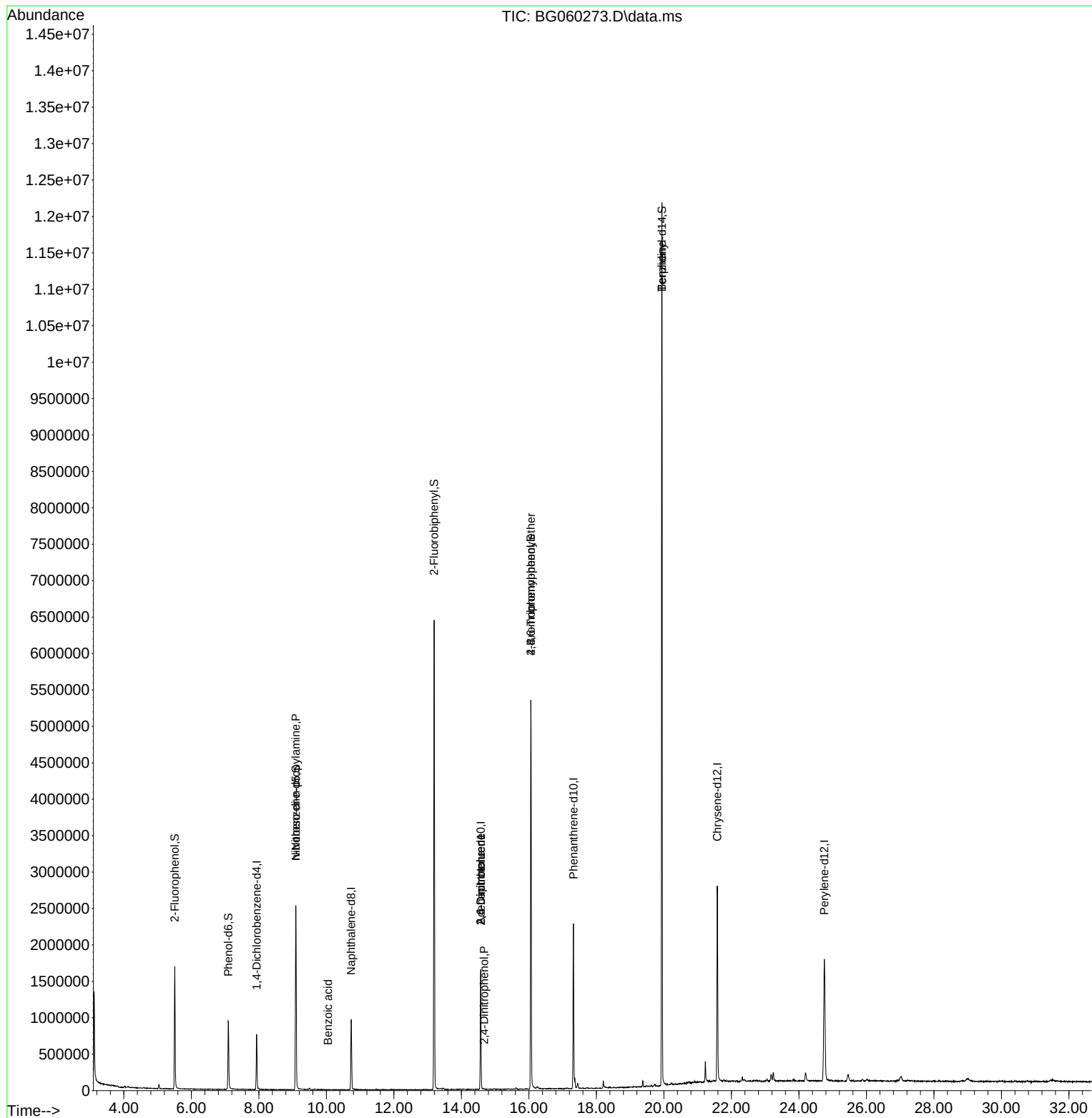
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	227847	20.000	ng	0.00
21) Naphthalene-d8	10.735	136	850075	20.000	ng	0.00
39) Acenaphthene-d10	14.571	164	587449	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1551425	20.000	ng	0.00
76) Chrysene-d12	21.581	240	1617865	20.000	ng	0.00
86) Perylene-d12	24.754	264	1853067	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	830043	54.985	ng	0.00
7) Phenol-d6	7.092	99	676926	30.201	ng	0.00
23) Nitrobenzene-d5	9.096	82	1723183	93.631	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	1154706	146.842	ng	0.00
45) 2-Fluorobiphenyl	13.191	172	3531381	86.397	ng	0.00
79) Terphenyl-d14	19.942	244	5438529	64.626	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.096	70	211358	13.803	ng	# 84
32) Benzoic acid	10.047	122	75	10.277	ng	# 11
51) 2,6-Dinitrotoluene	14.571	165	79538	8.431	ng	# 29
54) 2,4-Dinitrophenol	14.671	184	56	8.245	ng	# 2
57) 2,4-Dinitrotoluene	14.571	165	79538	6.200	ng	# 27
67) 4-Bromophenyl-phenylether	16.058	248	70122	4.263	ng	# 1
77) Benzidine	19.942	184	100268	2.239	ng	# 91

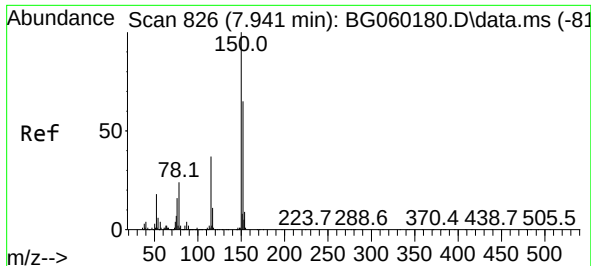
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Quant Time: Jan 05 17:24:53 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

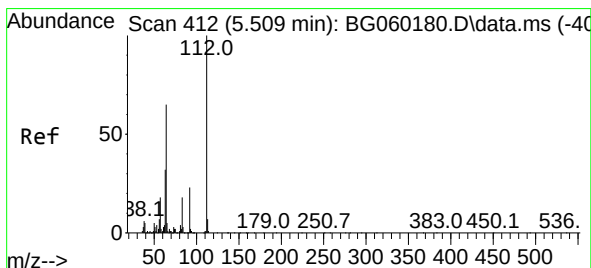
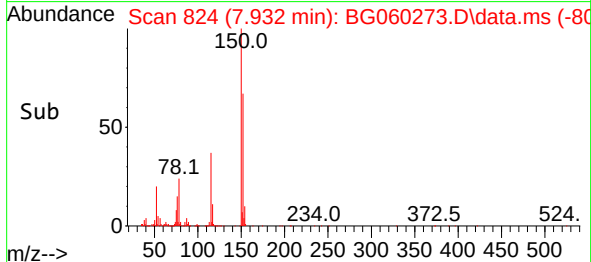
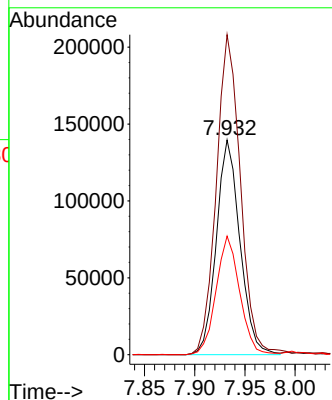
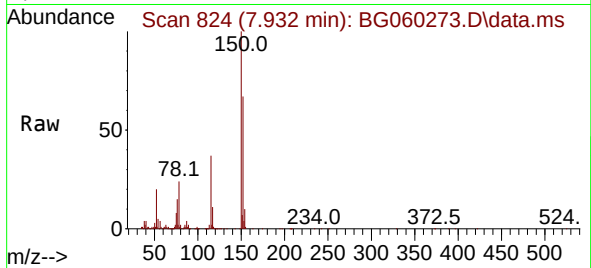




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

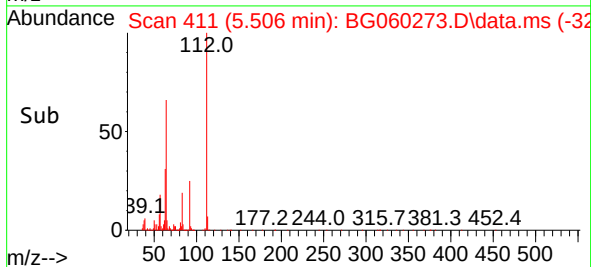
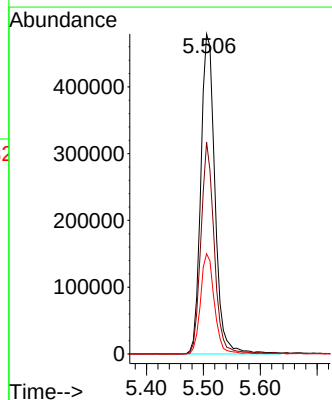
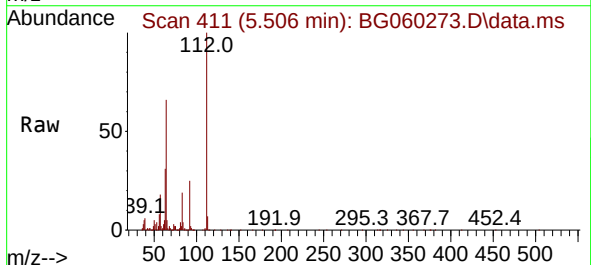
Instrument :
BNA_G
ClientSampleId :

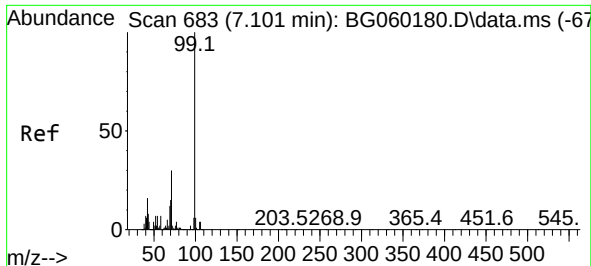
Tgt Ion:152 Resp: 227847
Ion Ratio Lower Upper
152 100
150 149.0 123.4 185.0
115 55.2 45.4 68.0



#5
2-Fluorophenol
Concen: 54.985 ng
RT: 5.506 min Scan# 411
Delta R.T. -0.003 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

Tgt Ion:112 Resp: 830043
Ion Ratio Lower Upper
112 100
64 66.2 52.2 78.4
63 31.3 25.4 38.0

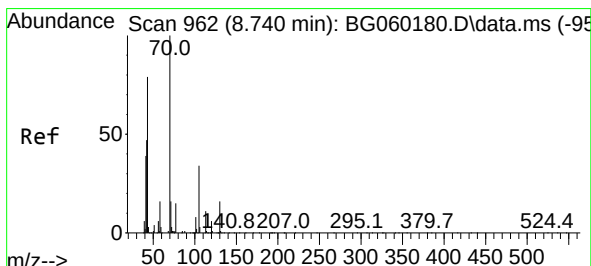
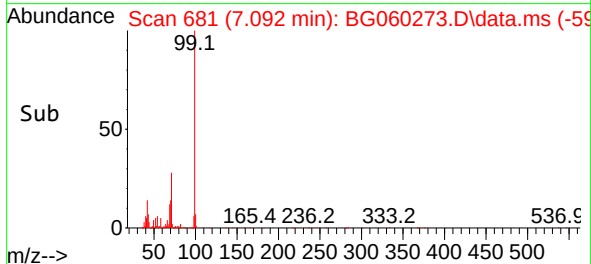
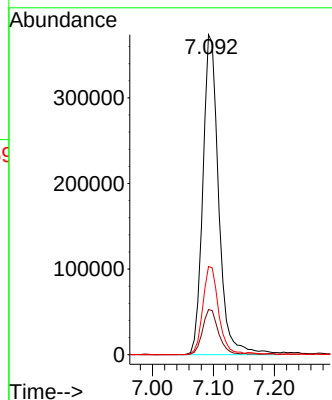
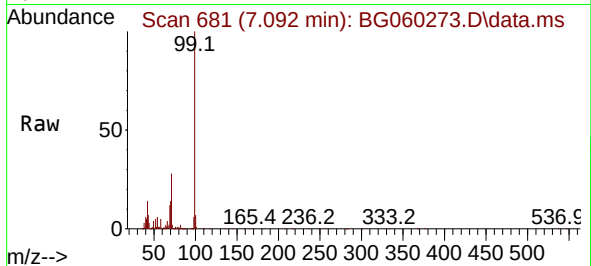




#7
Phenol-d6
Concen: 30.201 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

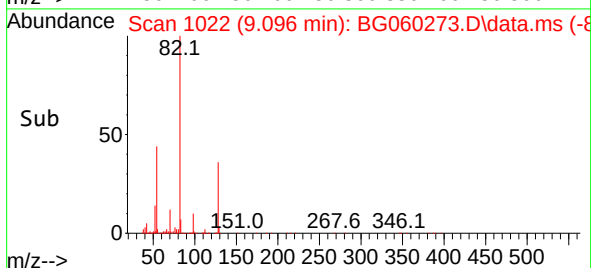
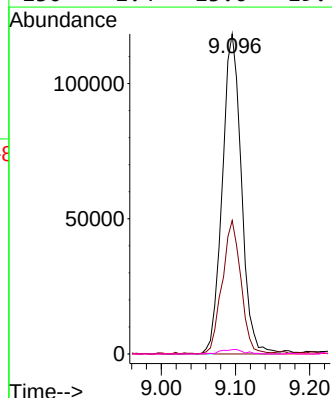
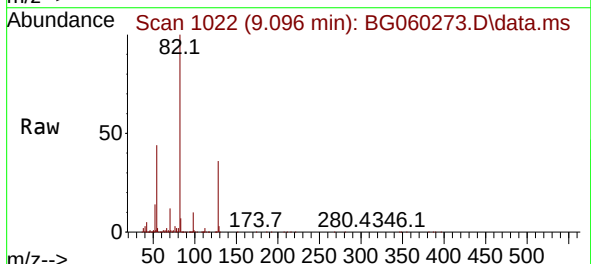
Instrument :
BNA_G
ClientSampleId :

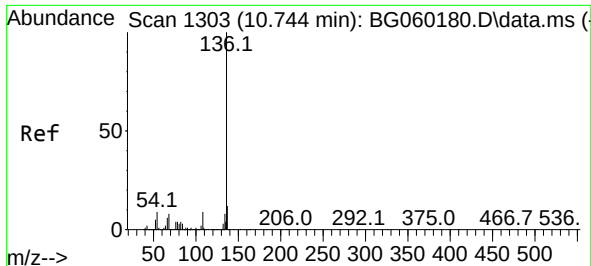
Tgt Ion: 99 Resp: 676926
Ion Ratio Lower Upper
99 100
42 14.1 12.5 18.7
71 27.6 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 13.803 ng
RT: 9.096 min Scan# 1022
Delta R.T. 0.355 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

Tgt Ion: 70 Resp: 211358
Ion Ratio Lower Upper
70 100
42 41.7 37.9 56.9
101 0.0 6.2 9.2#
130 1.4 13.0 19.4#

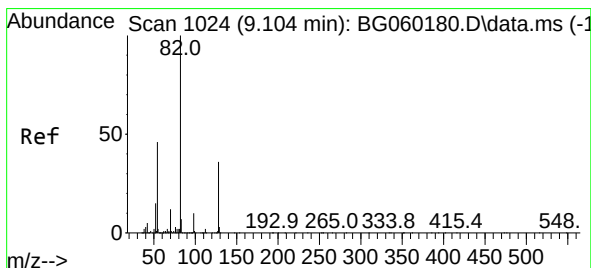
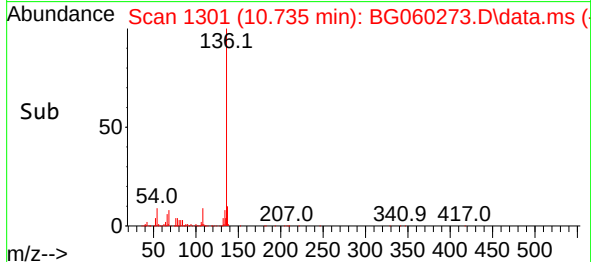
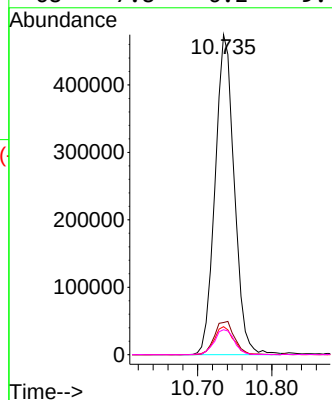
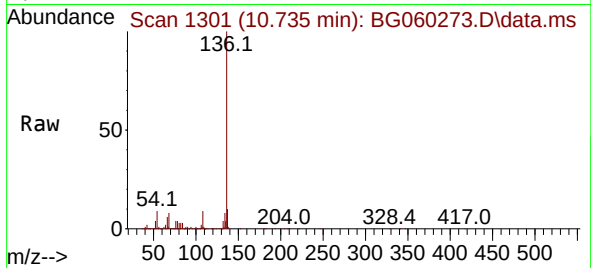




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.735 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

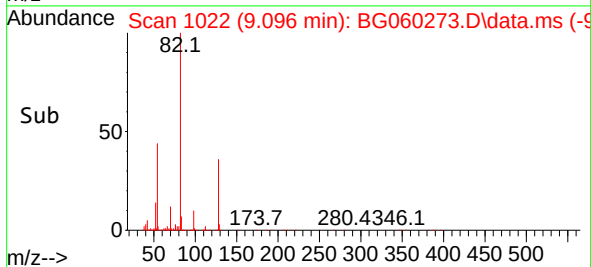
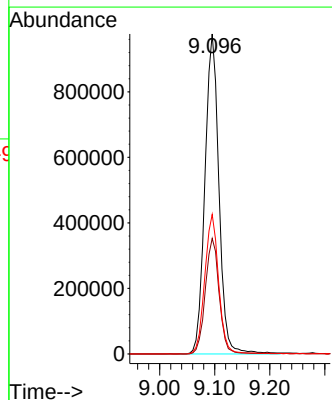
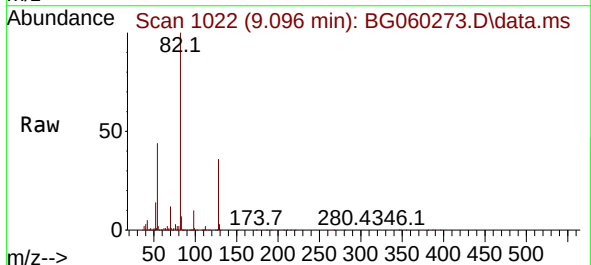
Instrument :
BNA_G
ClientSampleId :

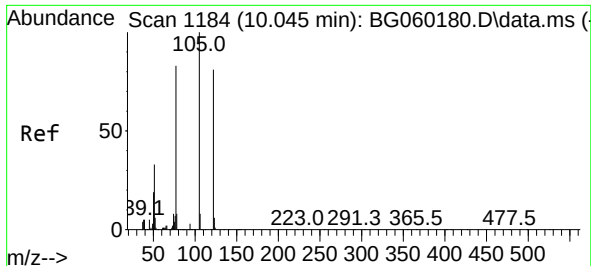
Tgt Ion:136 Resp: 850075
Ion Ratio Lower Upper
136 100
137 10.1 9.4 14.0
54 8.8 7.4 11.2
68 7.8 6.2 9.4



#23
Nitrobenzene-d5
Concen: 93.631 ng
RT: 9.096 min Scan# 1022
Delta R.T. -0.009 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

Tgt Ion: 82 Resp: 1723183
Ion Ratio Lower Upper
82 100
128 36.1 28.7 43.1
54 43.6 36.9 55.3

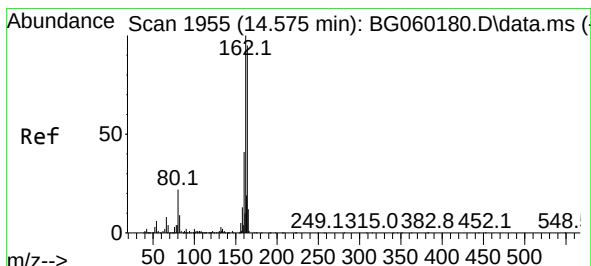
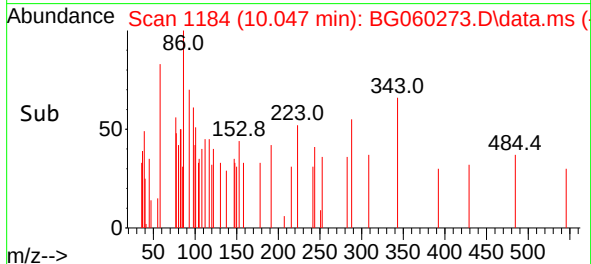
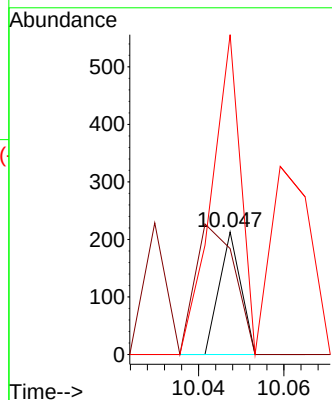
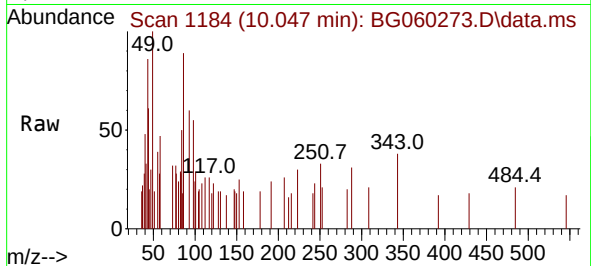




#32
Benzoic acid
Concen: 10.277 ng
RT: 10.047 min Scan# 1184
Delta R.T. 0.002 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

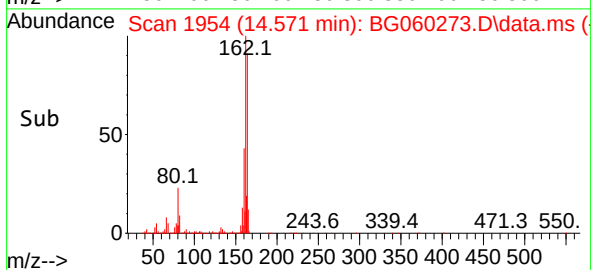
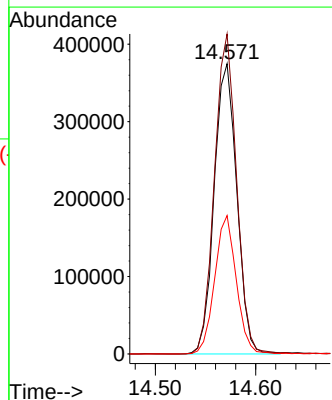
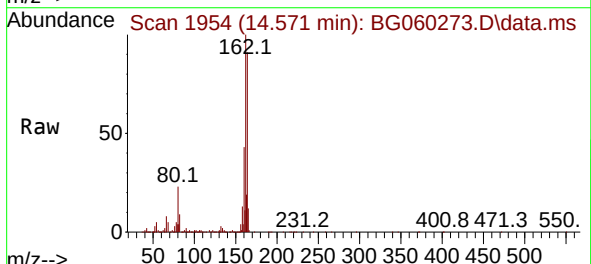
Instrument :
BNA_G
ClientSampleId :

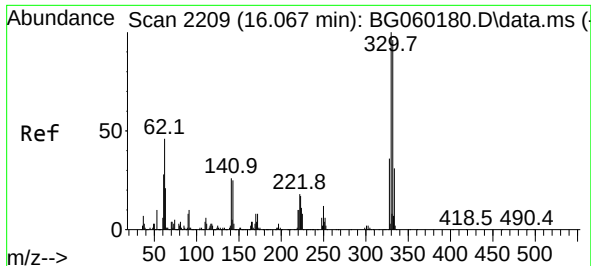
Tgt Ion:122 Resp: 75
Ion Ratio Lower Upper
122 100
105 86.4 99.2 139.2#
77 261.0 81.0 121.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.571 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

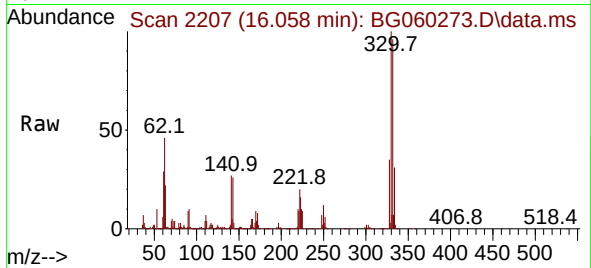
Tgt Ion:164 Resp: 587449
Ion Ratio Lower Upper
164 100
162 110.2 83.9 125.9
160 47.7 34.2 51.4



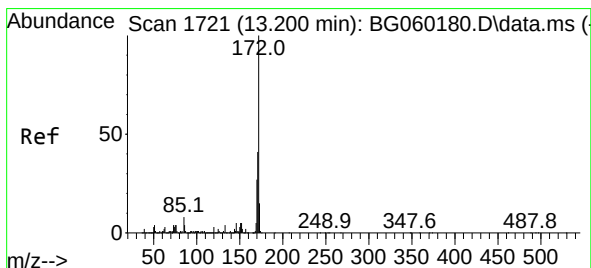
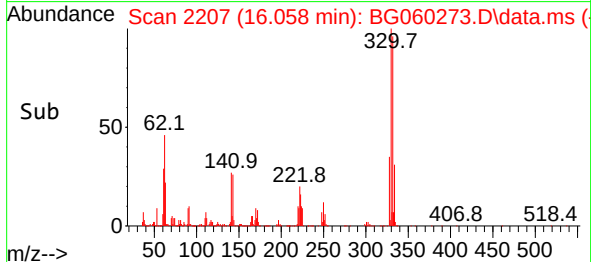
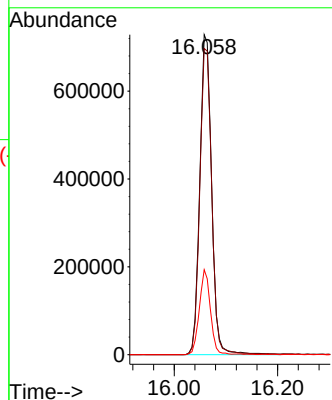


#42
2,4,6-Tribromophenol
Concen: 146.842 ng
RT: 16.058 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

Instrument :
BNA_G
ClientSampleId :

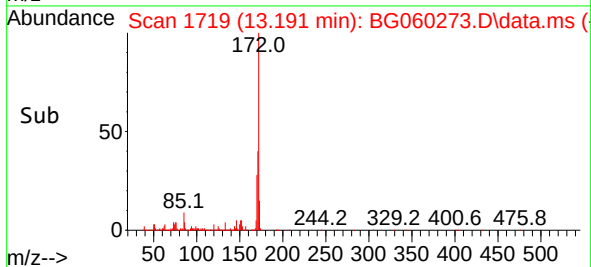
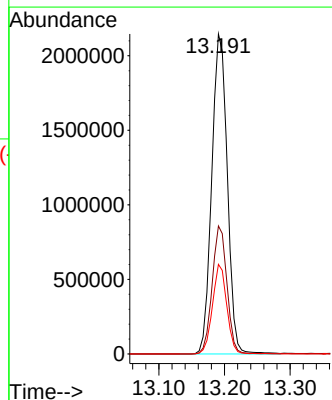
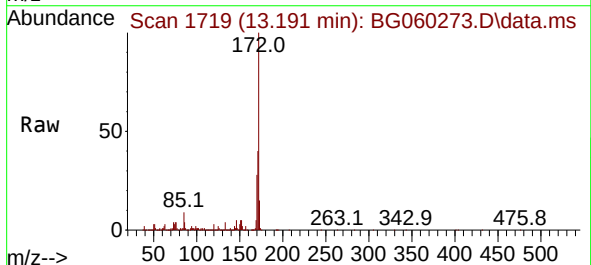


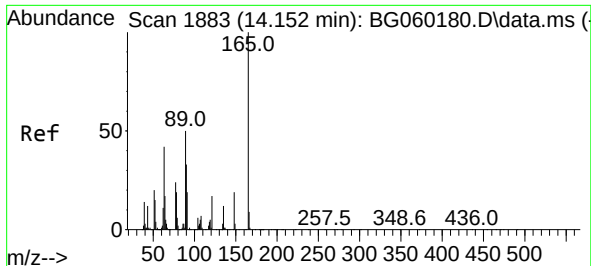
Tgt Ion:330 Resp: 1154706
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 25.1 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 86.397 ng
RT: 13.191 min Scan# 1719
Delta R.T. -0.009 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

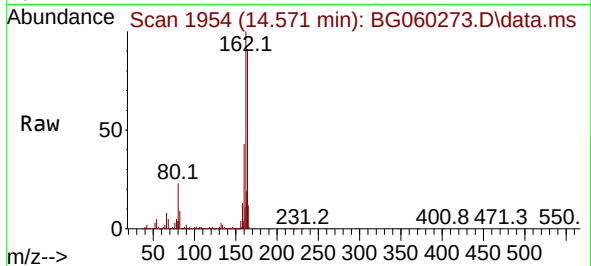
Tgt Ion:172 Resp: 3531381
Ion Ratio Lower Upper
172 100
171 40.0 32.6 48.8
170 28.0 21.8 32.6



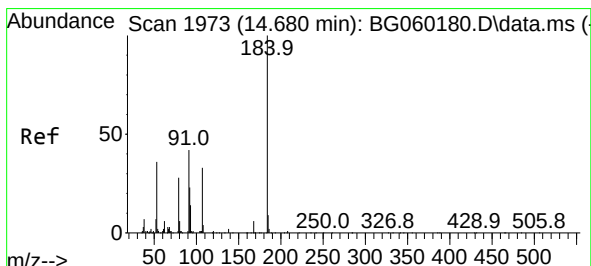
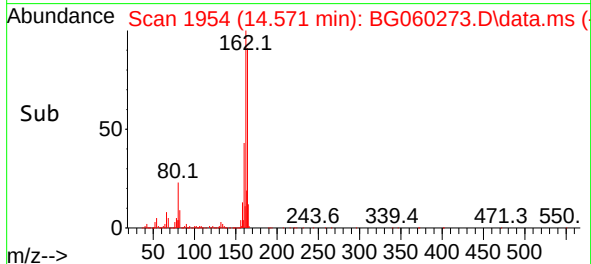
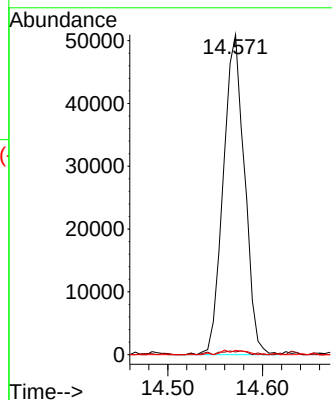


#51
2,6-Dinitrotoluene
Concen: 8.431 ng
RT: 14.571 min Scan# 1954
Delta R.T. 0.420 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

Instrument :
BNA_G
ClientSampleId :

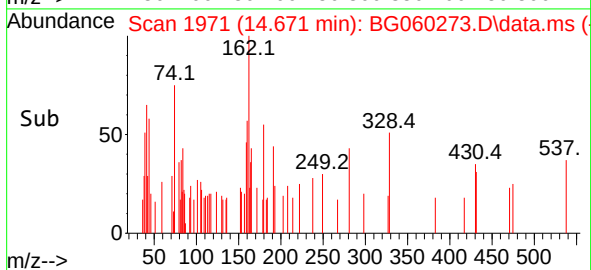
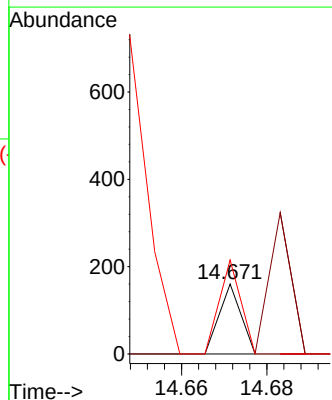
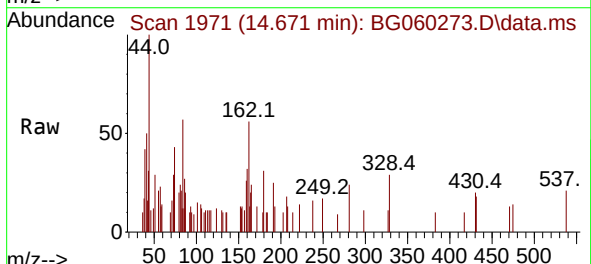


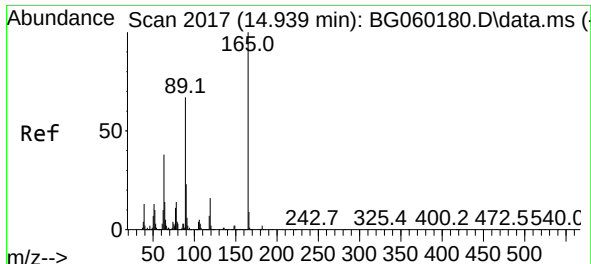
Tgt Ion:165 Resp: 79538
Ion Ratio Lower Upper
165 100
63 0.9 39.3 58.9#
89 1.3 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.245 ng
RT: 14.671 min Scan# 1971
Delta R.T. -0.009 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

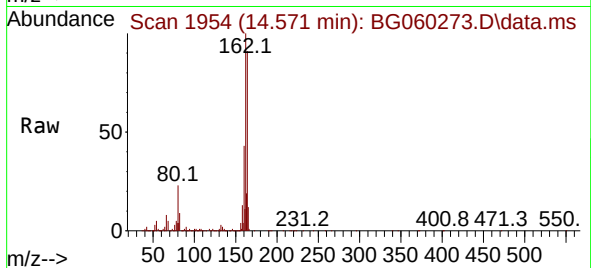
Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 45.4 68.2#
154 134.4 40.0 60.0#



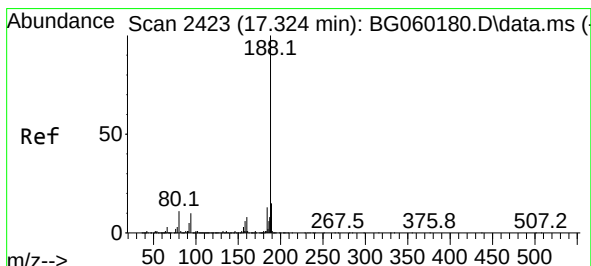
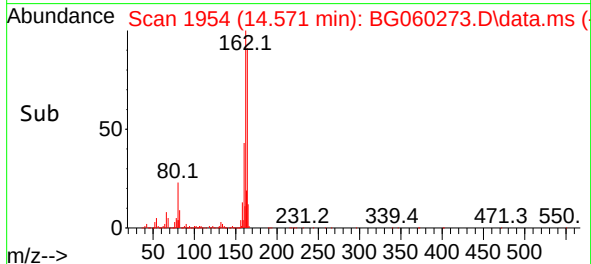
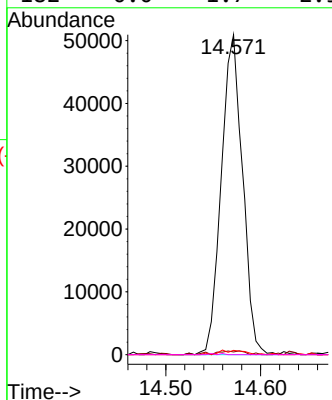


#57
2,4-Dinitrotoluene
Concen: 6.200 ng
RT: 14.571 min Scan# 1954
Delta R.T. -0.367 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

Instrument :
BNA_G
ClientSampleId :

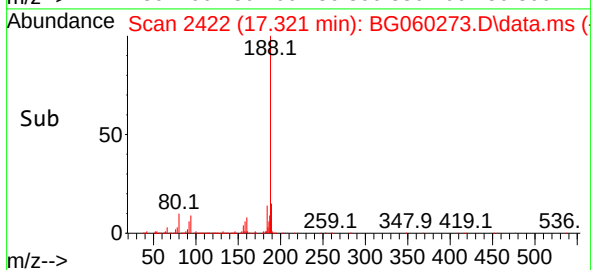
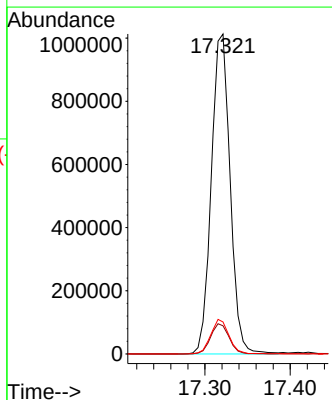
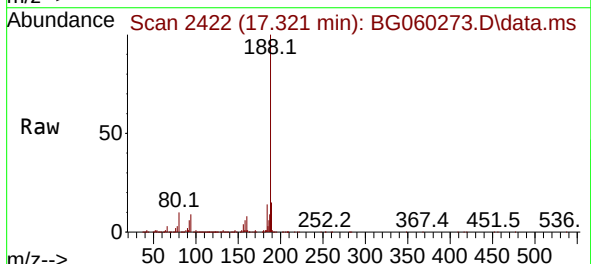


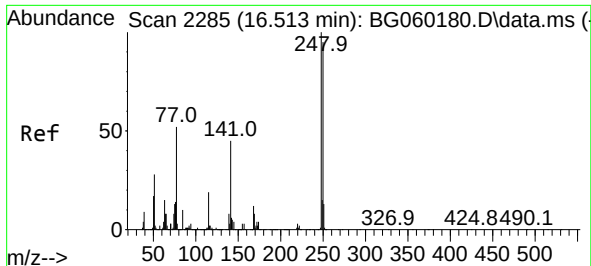
Tgt Ion:165 Resp: 79538
Ion Ratio Lower Upper
165 100
63 0.9 31.0 46.6#
89 1.3 53.3 79.9#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2422
Delta R.T. -0.003 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

Tgt Ion:188 Resp: 1551425
Ion Ratio Lower Upper
188 100
94 8.8 7.8 11.6
80 10.0 8.6 13.0

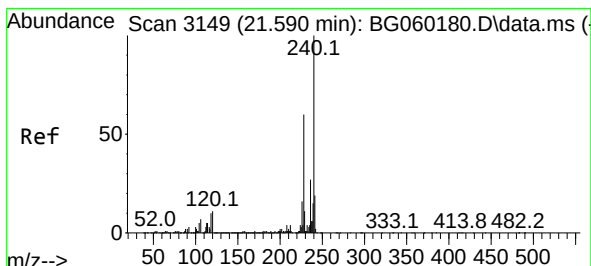
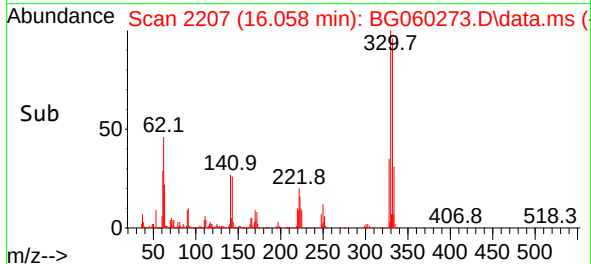
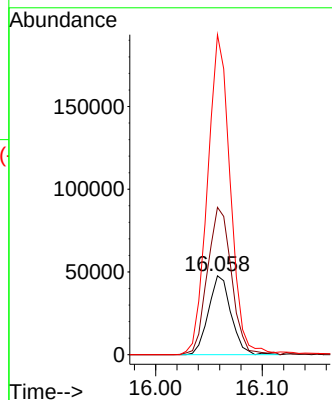
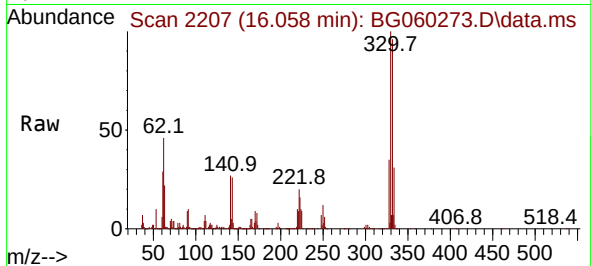




#67
4-Bromophenyl-phenylether
Concen: 4.263 ng
RT: 16.058 min Scan# 21
Delta R.T. -0.455 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

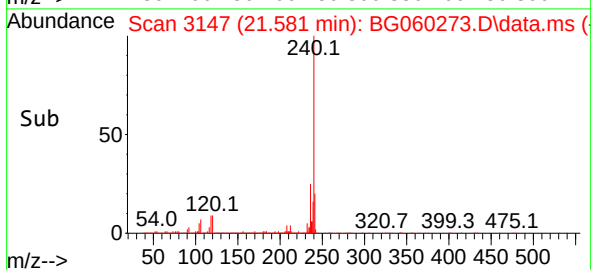
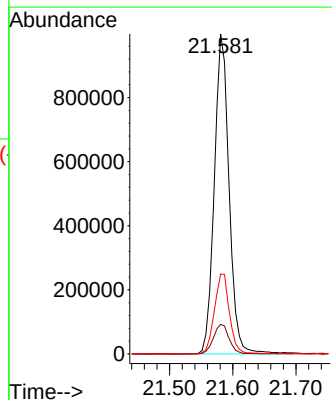
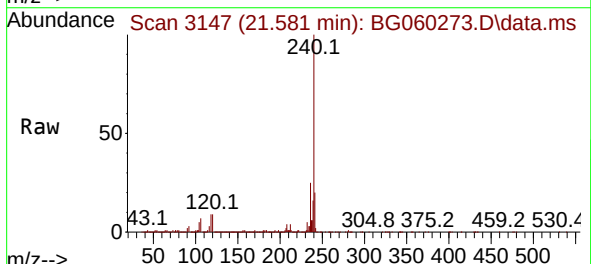
Instrument :
BNA_G
ClientSampleId :

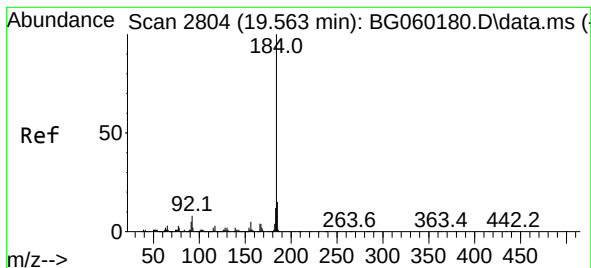
Tgt Ion:248 Resp: 70122
Ion Ratio Lower Upper
248 100
250 186.6 76.2 114.4#
141 405.2 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.581 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BG060273.D
Acq: 5 Jan 2024 16:37

Tgt Ion:240 Resp: 1617865
Ion Ratio Lower Upper
240 100
120 9.2 8.5 12.7
236 25.0 21.4 32.2





#77

Benzidine

Concen: 2.239 ng

RT: 19.942 min Scan# 2868

Delta R.T. 0.379 min

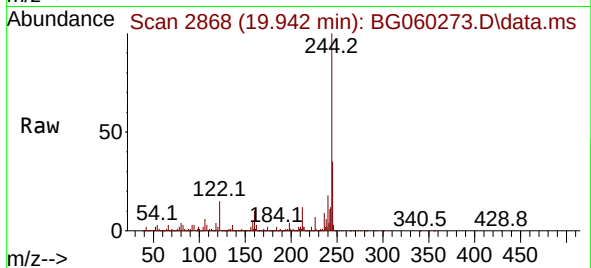
Lab File: BG060273.D

Acq: 5 Jan 2024 16:37

Instrument :

BNA_G

ClientSampleId :



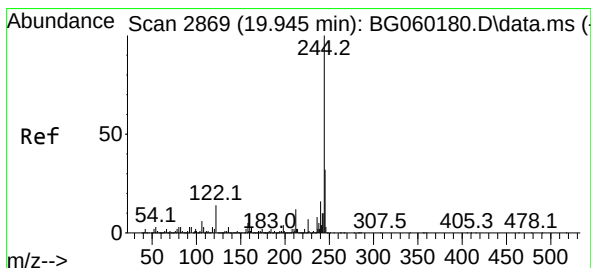
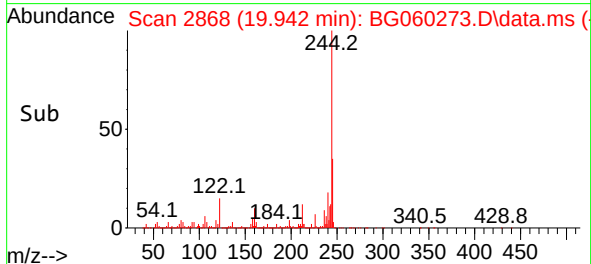
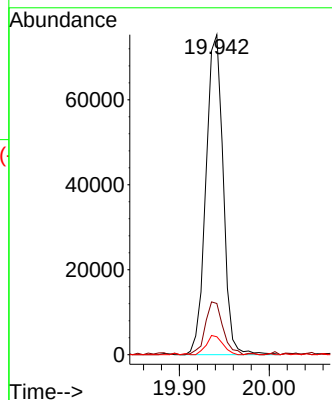
Tgt Ion:184 Resp: 100268

Ion Ratio Lower Upper

184 100

185 16.0 11.7 17.5

183 5.6 9.4 14.2#



#79

Terphenyl-d14

Concen: 64.626 ng

RT: 19.942 min Scan# 2868

Delta R.T. -0.003 min

Lab File: BG060273.D

Acq: 5 Jan 2024 16:37

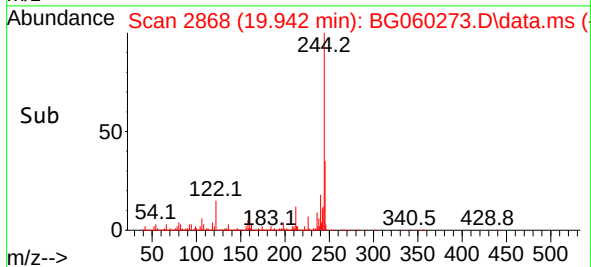
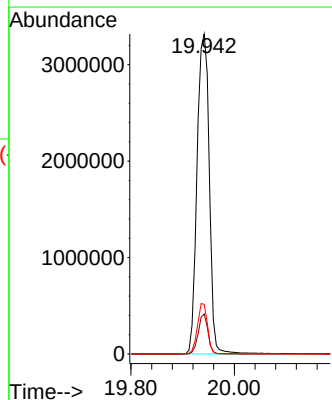
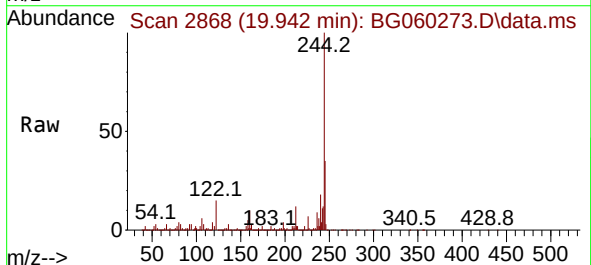
Tgt Ion:244 Resp: 5438529

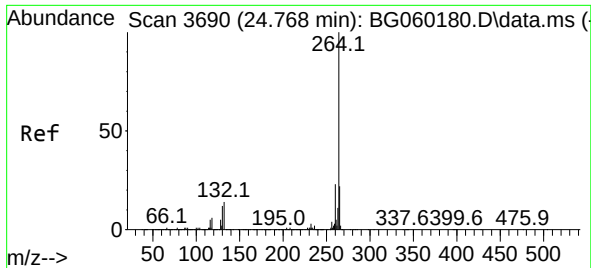
Ion Ratio Lower Upper

244 100

212 12.5 9.5 14.3

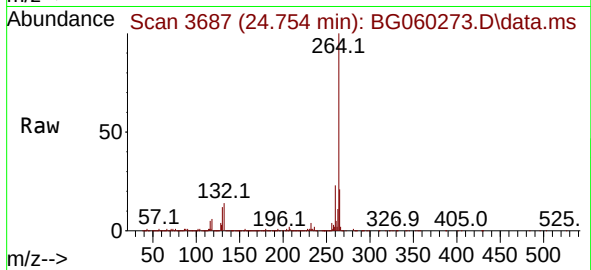
122 15.5 11.4 17.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.754 min Scan# 30
 Delta R.T. -0.015 min
 Lab File: BG060273.D
 Acq: 5 Jan 2024 16:37

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 1853067

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.0	27.0
265	20.9	17.4	26.0

