

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060276.D
 Acq On : 5 Jan 2024 18:38
 Operator : MA/JU
 Sample : 05967-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 06 00:44:51 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)

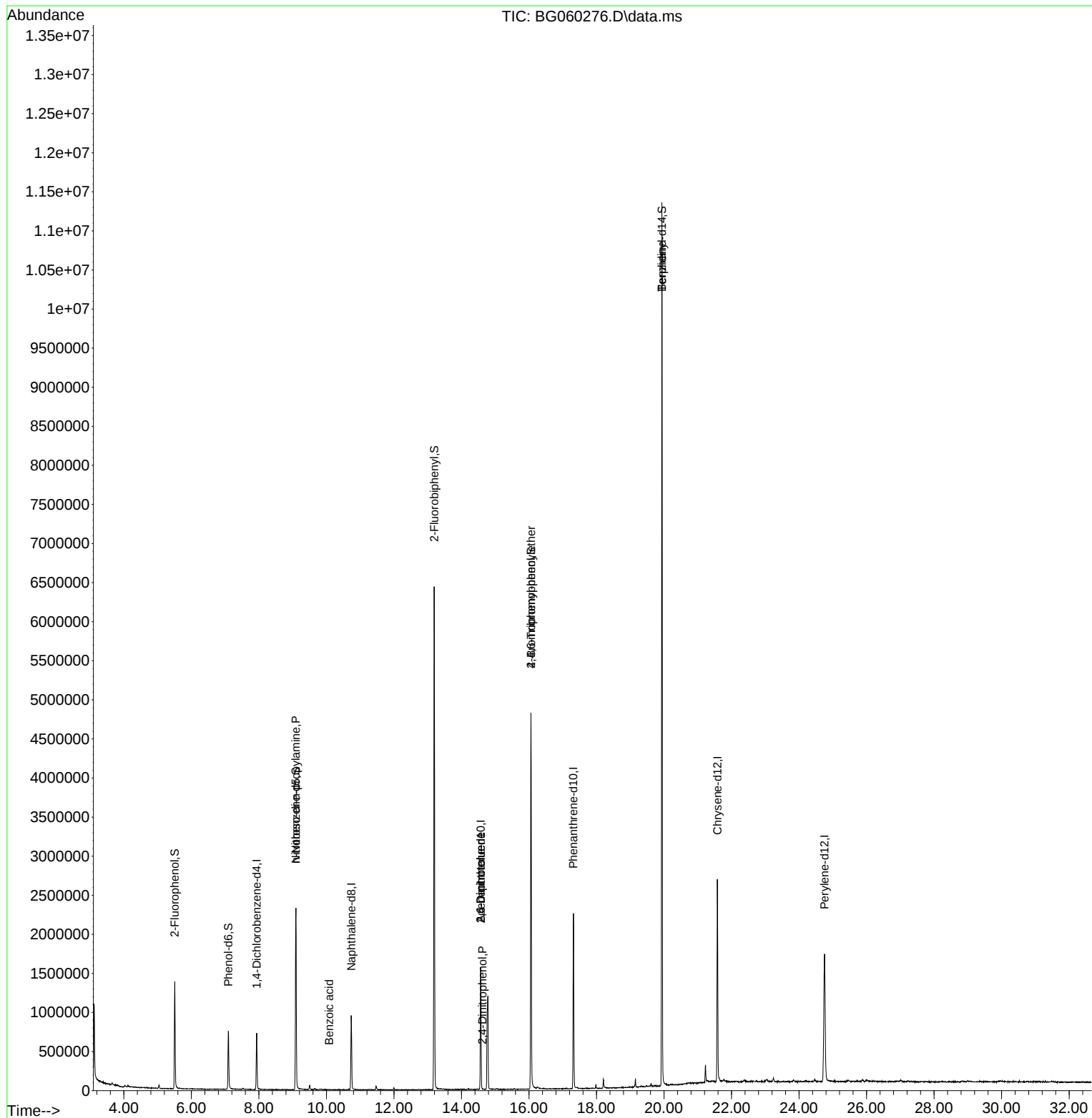
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	227995	20.000	ng	0.00
21) Naphthalene-d8	10.735	136	843352	20.000	ng	0.00
39) Acenaphthene-d10	14.572	164	578188	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	1470989	20.000	ng	0.00
76) Chrysene-d12	21.581	240	1550322	20.000	ng	0.00
86) Perylene-d12	24.754	264	1798719	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	668218	44.236	ng	0.00
7) Phenol-d6	7.092	99	528934	23.583	ng	0.00
23) Nitrobenzene-d5	9.096	82	1597716	87.506	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	1030550	133.152	ng	0.00
45) 2-Fluorobiphenyl	13.191	172	3517645	87.439	ng	0.00
79) Terphenyl-d14	19.936	244	5277921	65.449	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.096	70	192279	12.549	ng	# 82
32) Benzoic acid	10.077	122	210	10.290	ng	# 1
51) 2,6-Dinitrotoluene	14.572	165	73187	7.882	ng	# 29
54) 2,4-Dinitrophenol	14.619	184	134	8.258	ng	# 25
57) 2,4-Dinitrotoluene	14.572	165	73187	5.797	ng	# 27
67) 4-Bromophenyl-phenylether	16.058	248	60598	3.886	ng	# 1
77) Benzidine	19.936	184	91349	2.129	ng	# 93

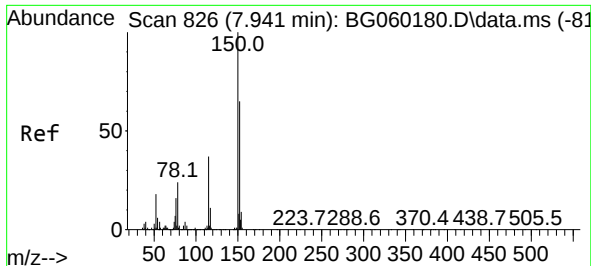
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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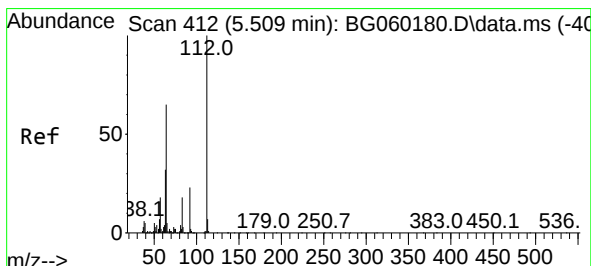
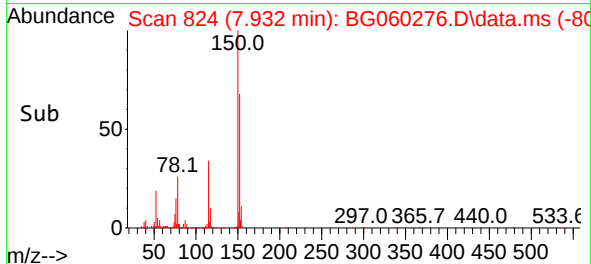
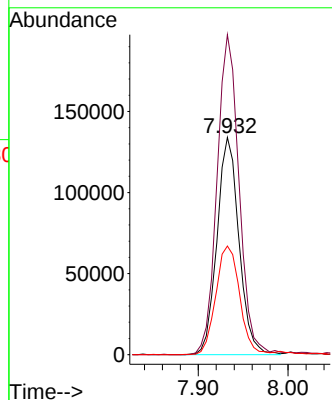
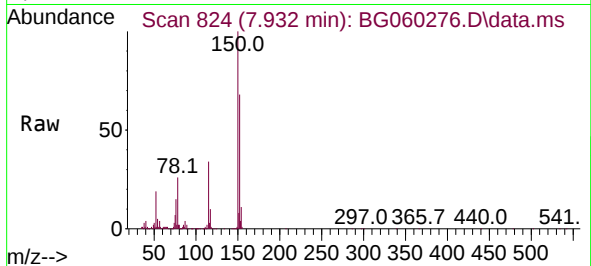




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG060276.D
Acq: 5 Jan 2024 18:38

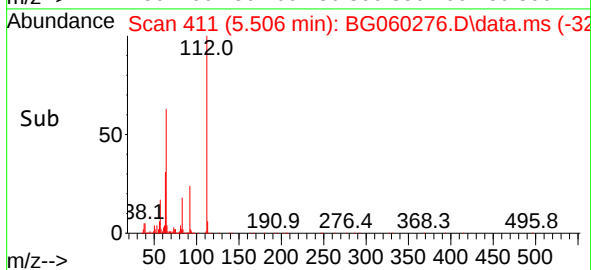
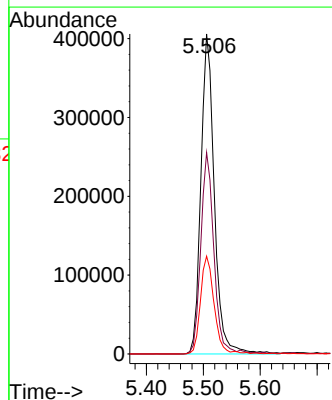
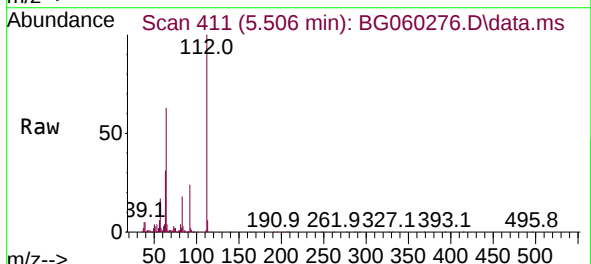
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 227995
Ion Ratio Lower Upper
152 100
150 147.3 123.4 185.0
115 50.0 45.4 68.0



#5
2-Fluorophenol
Concen: 44.236 ng
RT: 5.506 min Scan# 411
Delta R.T. -0.003 min
Lab File: BG060276.D
Acq: 5 Jan 2024 18:38

Tgt Ion:112 Resp: 668218
Ion Ratio Lower Upper
112 100
64 62.9 52.2 78.4
63 30.6 25.4 38.0

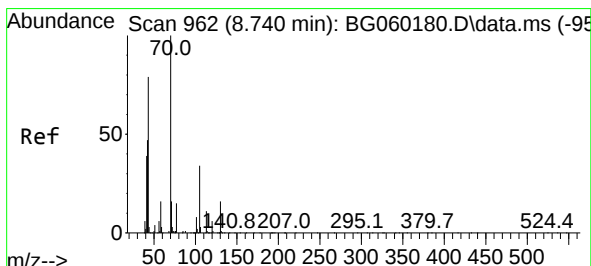
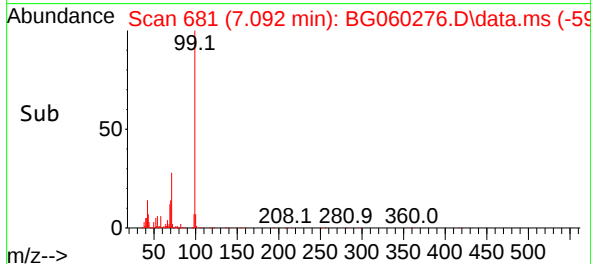
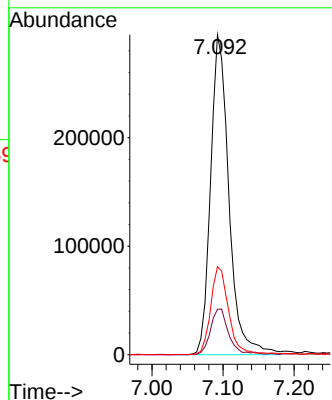
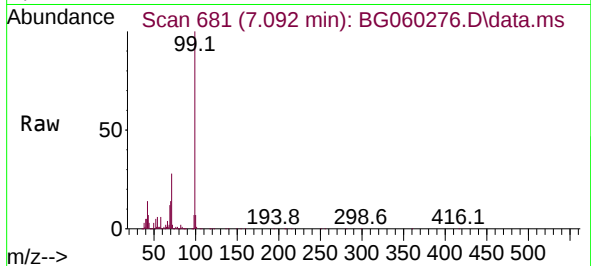




#7
Phenol-d6
Concen: 23.583 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG060276.D
Acq: 5 Jan 2024 18:38

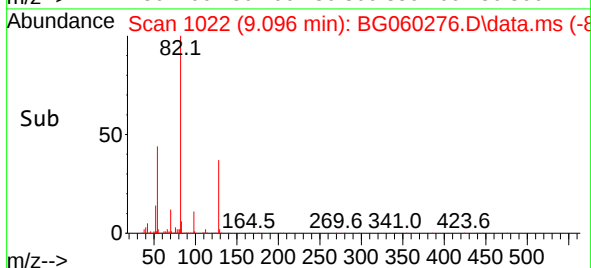
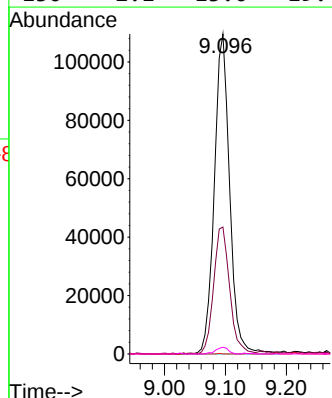
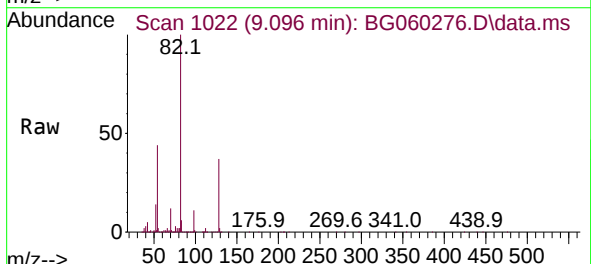
Instrument :
BNA_G
ClientSampleId :

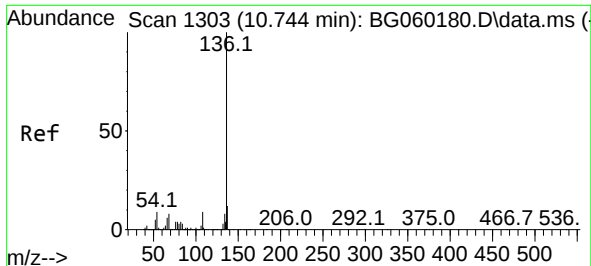
Tgt Ion: 99 Resp: 528934
Ion Ratio Lower Upper
99 100
42 14.2 12.5 18.7
71 27.5 24.1 36.1



#19
n-Nitroso-di-n-propylamine
Concen: 12.549 ng
RT: 9.096 min Scan# 1022
Delta R.T. 0.356 min
Lab File: BG060276.D
Acq: 5 Jan 2024 18:38

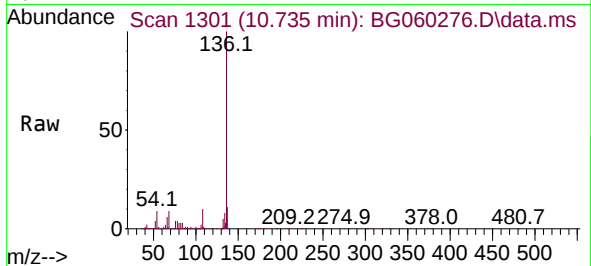
Tgt Ion: 70 Resp: 192279
Ion Ratio Lower Upper
70 100
42 39.7 37.9 56.9
101 0.0 6.2 9.2#
130 2.1 13.0 19.4#



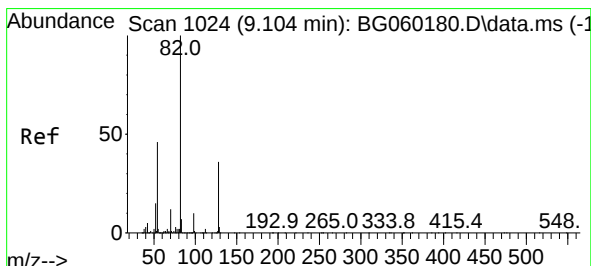
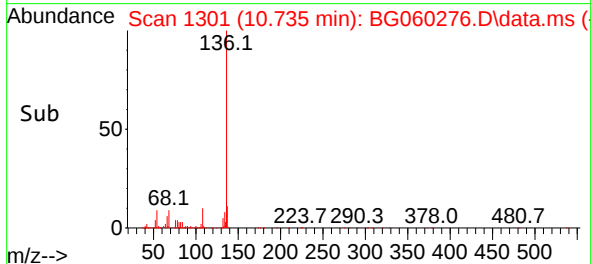
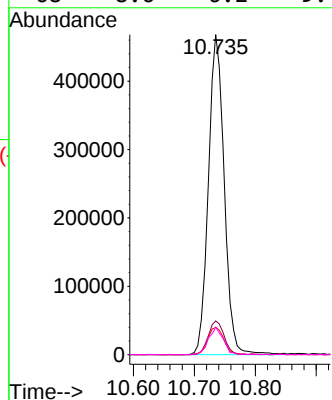


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.735 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060276.D
Acq: 5 Jan 2024 18:38

Instrument :
BNA_G
ClientSampleId :

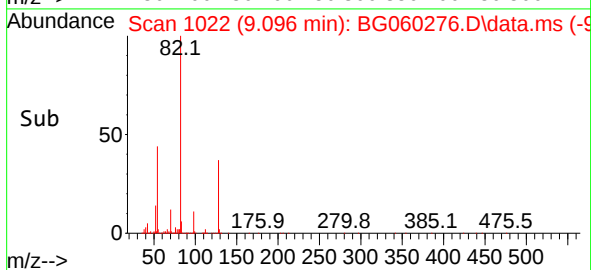
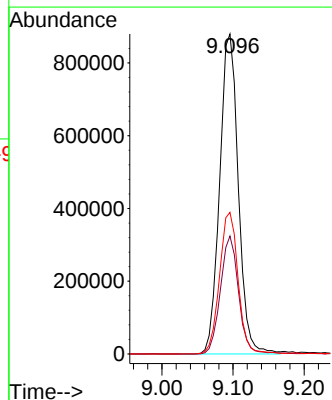
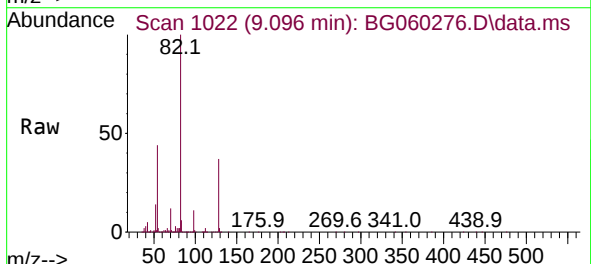


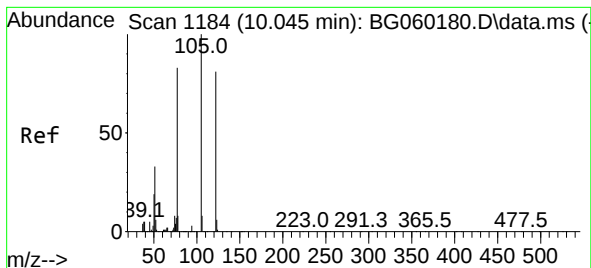
Tgt Ion:	136	Resp:	843352
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.4	14.0
54	8.5	7.4	11.2
68	8.6	6.2	9.4



#23
Nitrobenzene-d5
Concen: 87.506 ng
RT: 9.096 min Scan# 1022
Delta R.T. -0.009 min
Lab File: BG060276.D
Acq: 5 Jan 2024 18:38

Tgt Ion:	82	Resp:	1597716
Ion	Ratio	Lower	Upper
82	100		
128	36.9	28.7	43.1
54	44.3	36.9	55.3





#32

Benzoic acid

Concen: 10.290 ng

RT: 10.077 min Scan# 1184

Delta R.T. 0.032 min

Lab File: BG060276.D

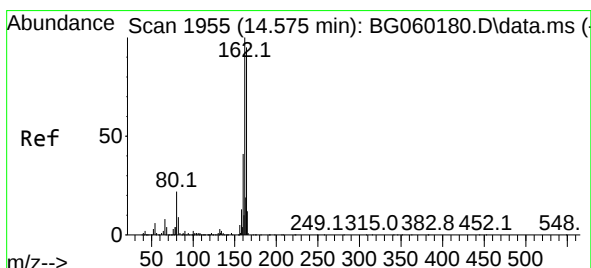
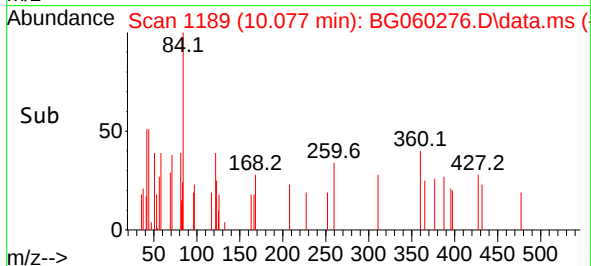
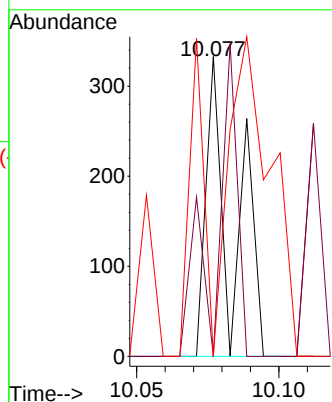
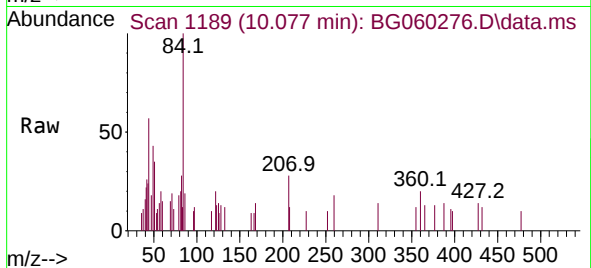
Acq: 5 Jan 2024 18:38

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	122	Resp:	210
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

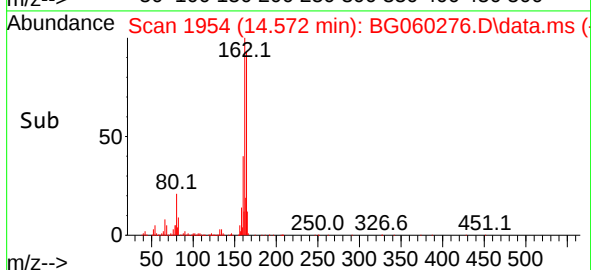
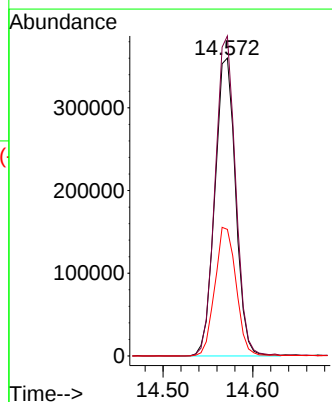
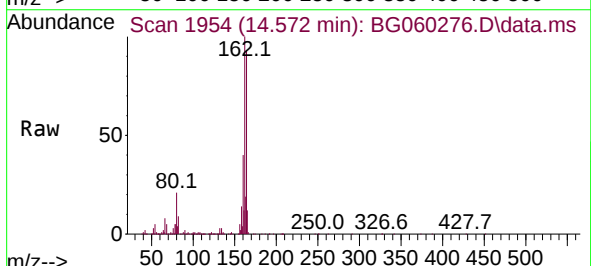
RT: 14.572 min Scan# 1954

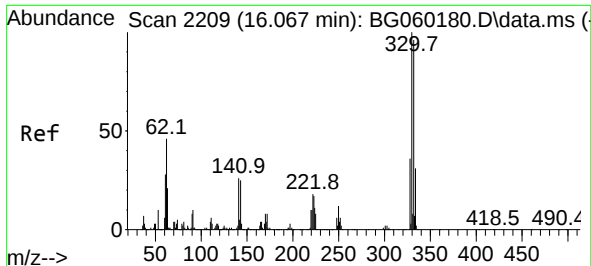
Delta R.T. -0.003 min

Lab File: BG060276.D

Acq: 5 Jan 2024 18:38

Tgt Ion:	164	Resp:	578188
Ion	Ratio	Lower	Upper
164	100		
162	107.4	83.9	125.9
160	42.5	34.2	51.4

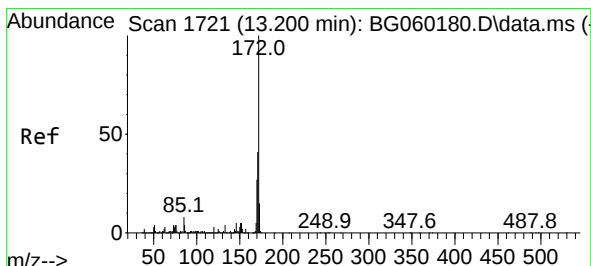
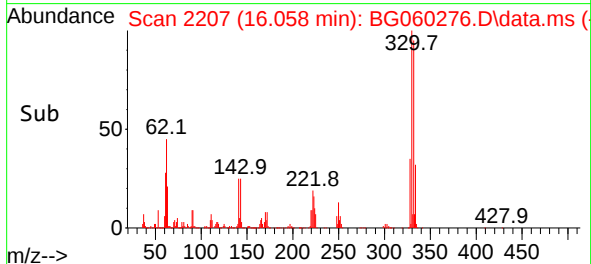
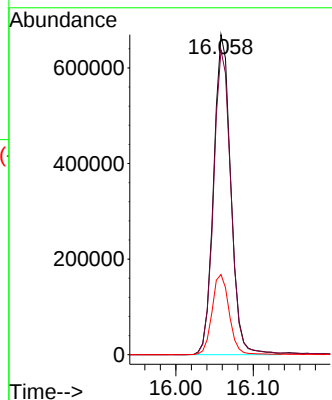
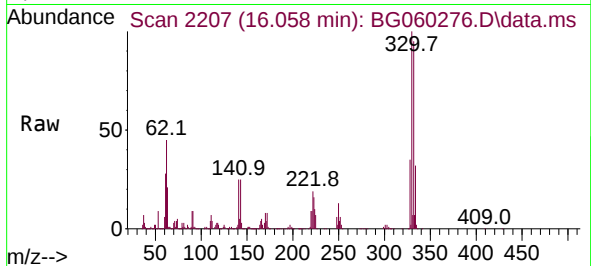




#42
2,4,6-Tribromophenol
Concen: 133.152 ng
RT: 16.058 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060276.D
Acq: 5 Jan 2024 18:38

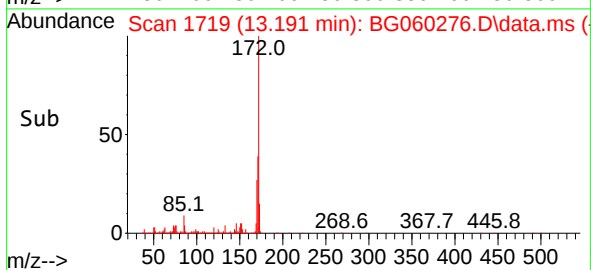
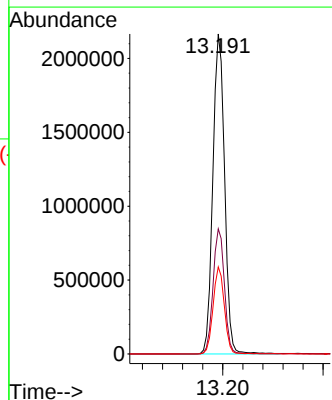
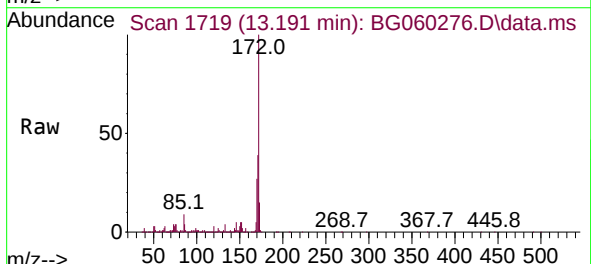
Instrument :
BNA_G
ClientSampleId :

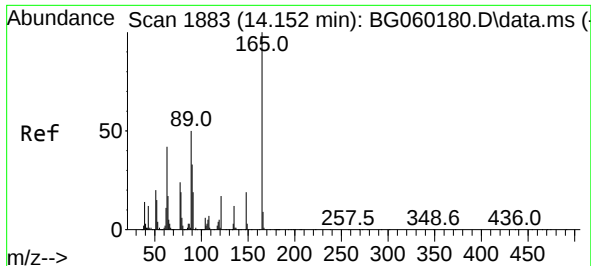
Tgt Ion:330 Resp: 1030550
Ion Ratio Lower Upper
330 100
332 96.8 76.7 115.1
141 25.2 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 87.439 ng
RT: 13.191 min Scan# 1719
Delta R.T. -0.009 min
Lab File: BG060276.D
Acq: 5 Jan 2024 18:38

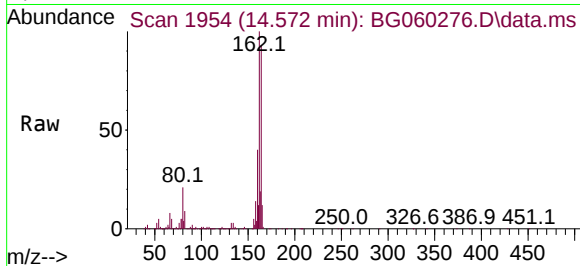
Tgt Ion:172 Resp: 3517645
Ion Ratio Lower Upper
172 100
171 39.1 32.6 48.8
170 27.2 21.8 32.6



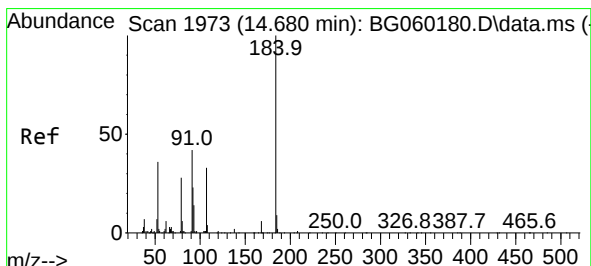
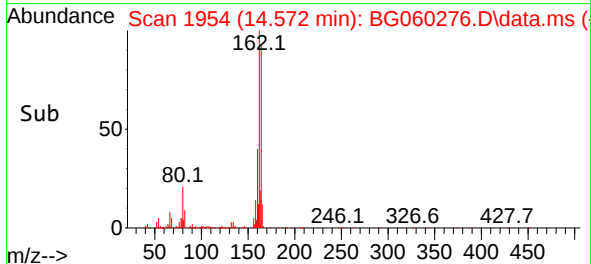
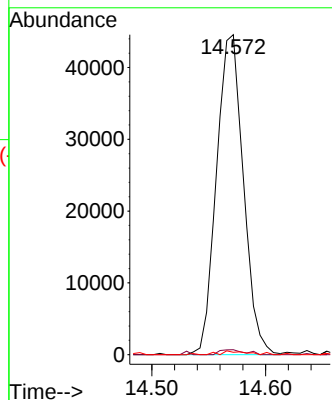


#51
2,6-Dinitrotoluene
Concen: 7.882 ng
RT: 14.572 min Scan# 1954
Delta R.T. 0.420 min
Lab File: BG060276.D
Acq: 5 Jan 2024 18:38

Instrument :
BNA_G
ClientSampleId :

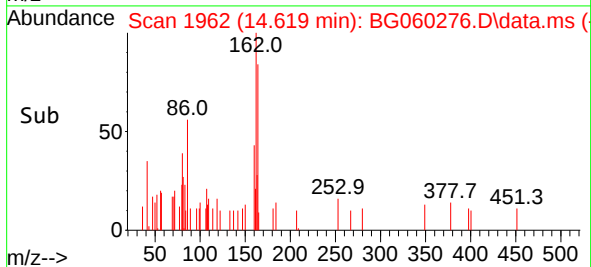
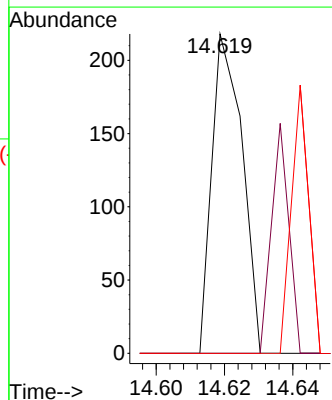
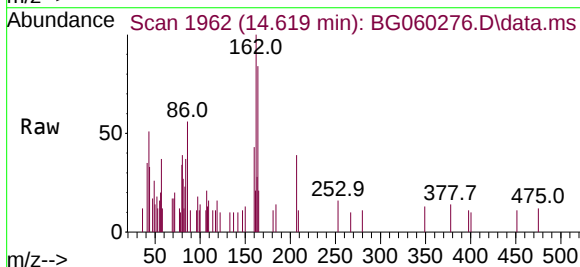


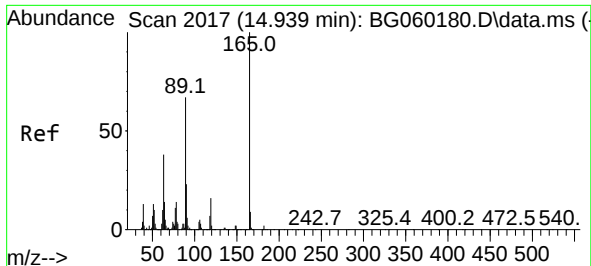
Tgt Ion:165 Resp: 73187
Ion Ratio Lower Upper
165 100
63 1.5 39.3 58.9#
89 0.7 39.8 59.8#



#54
2,4-Dinitrophenol
Concen: 8.258 ng
RT: 14.619 min Scan# 1962
Delta R.T. -0.061 min
Lab File: BG060276.D
Acq: 5 Jan 2024 18:38

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: 5.797 ng

RT: 14.572 min Scan# 1954

Delta R.T. -0.367 min

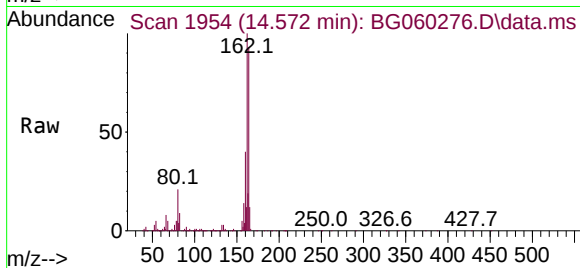
Lab File: BG060276.D

Acq: 5 Jan 2024 18:38

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 73187

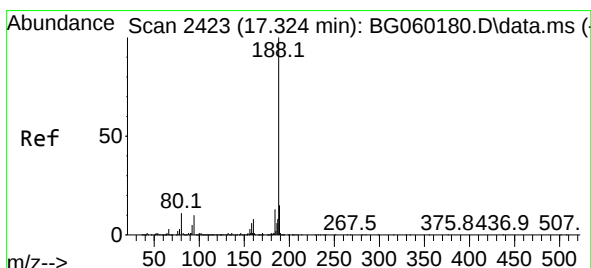
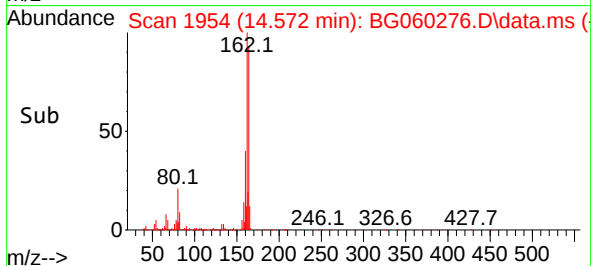
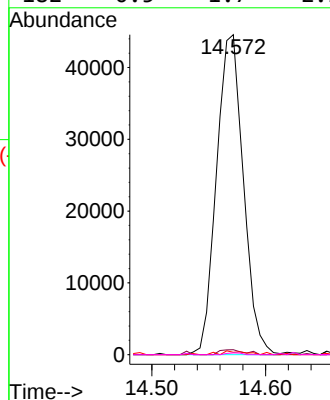
Ion Ratio Lower Upper

165 100

63 1.5 31.0 46.6#

89 0.7 53.3 79.9#

182 0.5 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.316 min Scan# 2421

Delta R.T. -0.009 min

Lab File: BG060276.D

Acq: 5 Jan 2024 18:38

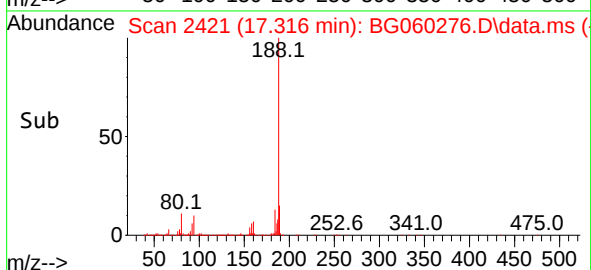
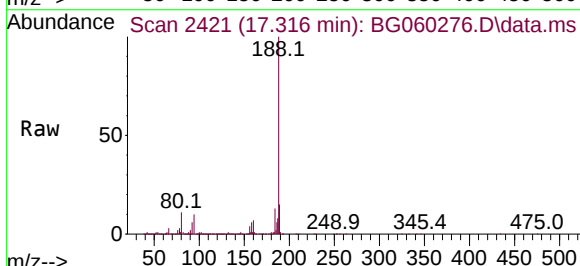
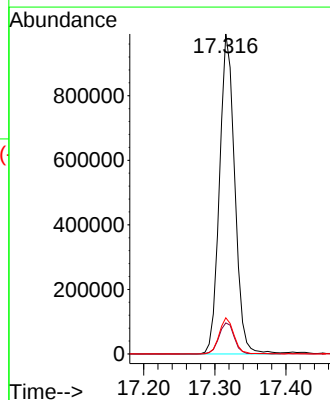
Tgt Ion:188 Resp: 1470989

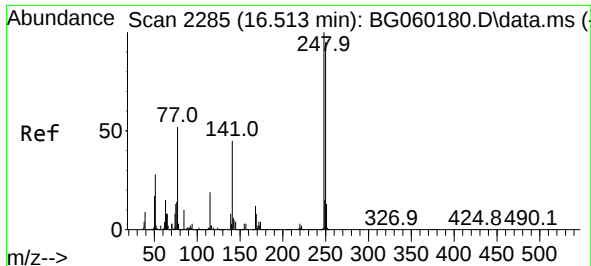
Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

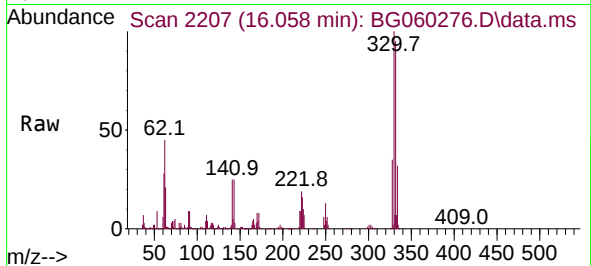
80 11.3 8.6 13.0



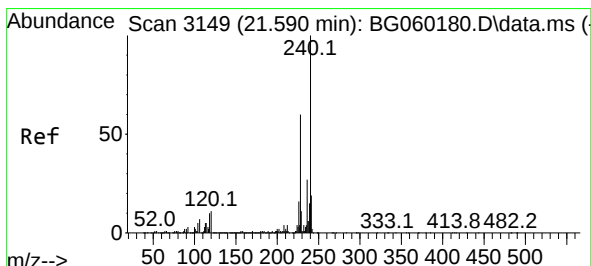
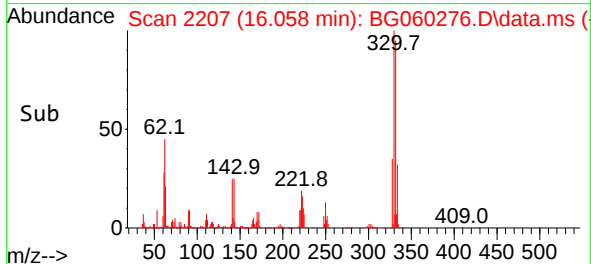
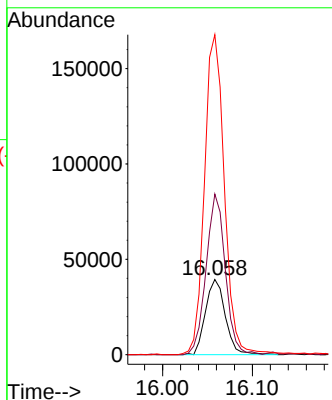


#67
4-Bromophenyl-phenylether
Concen: 3.886 ng
RT: 16.058 min Scan# 21
Delta R.T. -0.455 min
Lab File: BG060276.D
Acq: 5 Jan 2024 18:38

Instrument :
BNA_G
ClientSampleId :

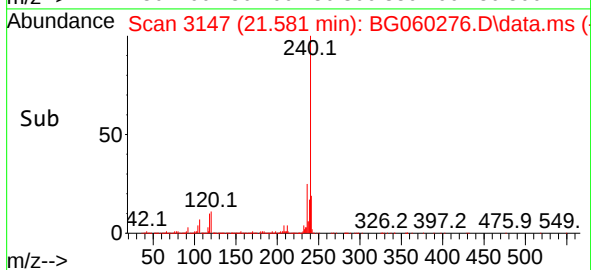
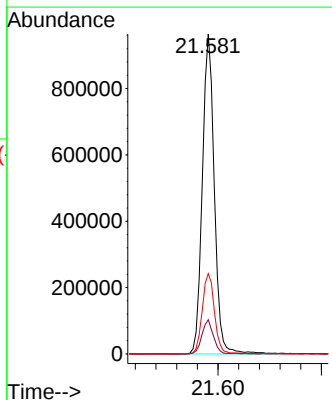
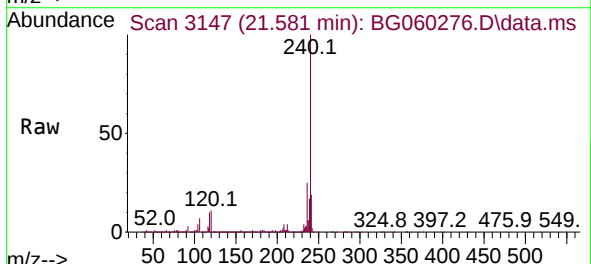


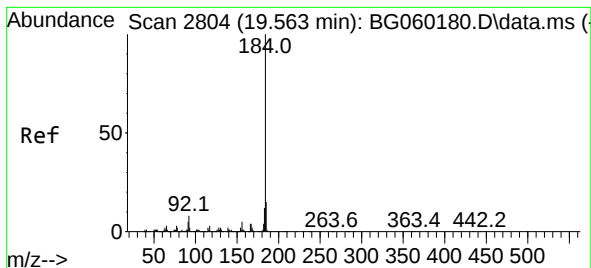
Tgt Ion:248 Resp: 60598
Ion Ratio Lower Upper
248 100
250 213.5 76.2 114.4#
141 425.3 36.0 54.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.581 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BG060276.D
Acq: 5 Jan 2024 18:38

Tgt Ion:240 Resp: 1550322
Ion Ratio Lower Upper
240 100
120 10.7 8.5 12.7
236 25.1 21.4 32.2





#77

Benzidine

Concen: 2.129 ng

RT: 19.936 min Scan# 2867

Delta R.T. 0.373 min

Lab File: BG060276.D

Acq: 5 Jan 2024 18:38

Instrument :

BNA_G

ClientSampleId :

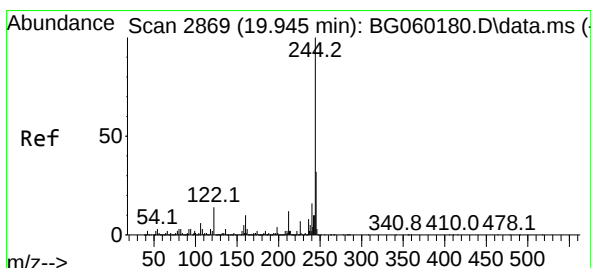
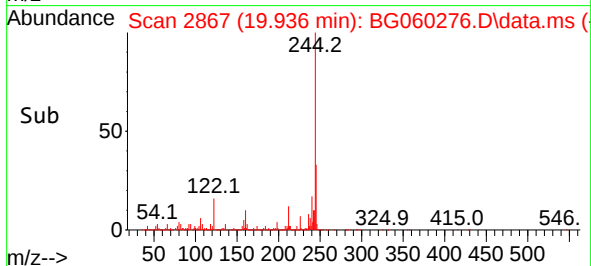
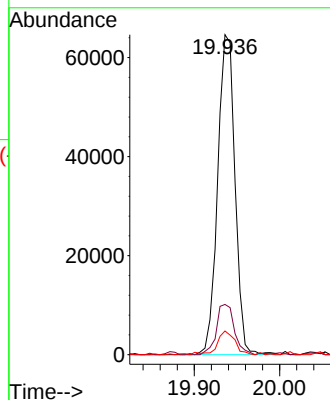
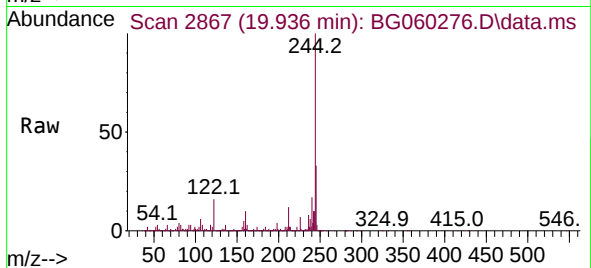
Tgt Ion:184 Resp: 91349

Ion Ratio Lower Upper

184 100

185 15.7 11.7 17.5

183 7.4 9.4 14.2#



#79

Terphenyl-d14

Concen: 65.449 ng

RT: 19.936 min Scan# 2867

Delta R.T. -0.009 min

Lab File: BG060276.D

Acq: 5 Jan 2024 18:38

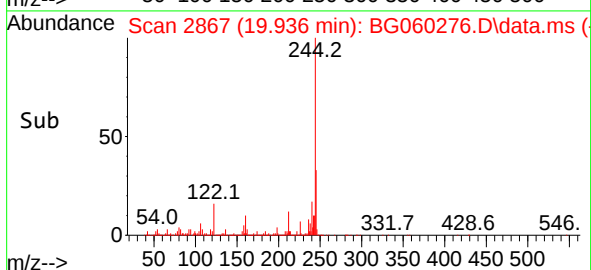
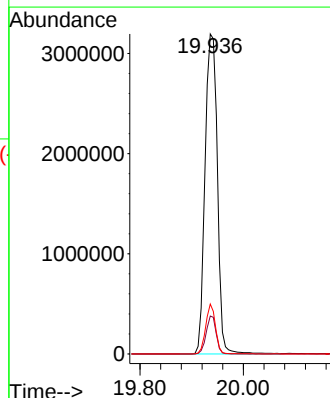
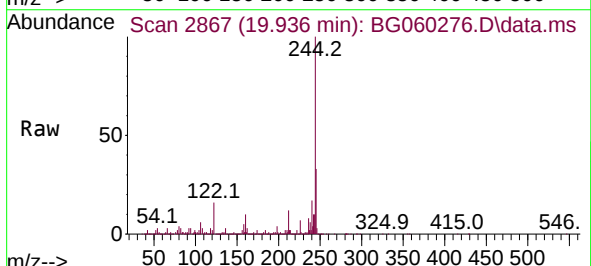
Tgt Ion:244 Resp: 5277921

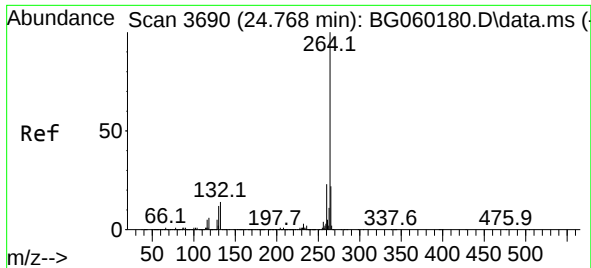
Ion Ratio Lower Upper

244 100

212 11.9 9.5 14.3

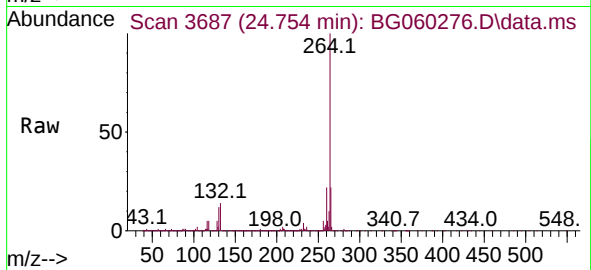
122 15.6 11.4 17.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.754 min Scan# 30
Delta R.T. -0.015 min
Lab File: BG060276.D
Acq: 5 Jan 2024 18:38

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:264 Resp: 1798719

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.0	27.0
265	22.2	17.4	26.0

