

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041624\
 Data File : BG060910.D
 Acq On : 16 Apr 2024 12:29
 Operator : MA/JU
 Sample : PB160180TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160180TB

Quant Time: Apr 16 13:03:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

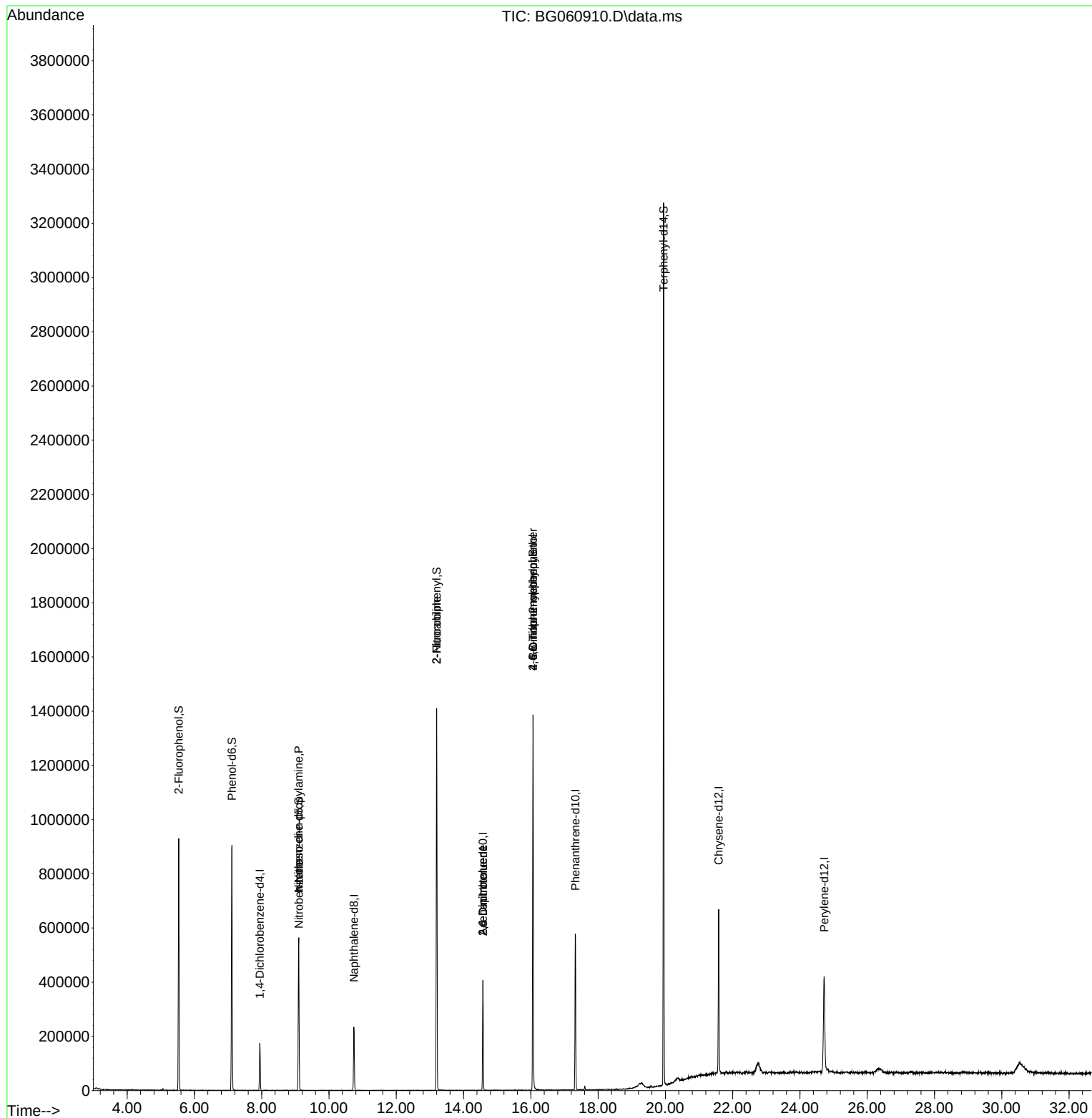
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	46318	20.000	ng	-0.02
21) Naphthalene-d8	10.741	136	181618	20.000	ng	-0.02
39) Acenaphthene-d10	14.577	164	144480	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	382278	20.000	ng	#-0.01
76) Chrysene-d12	21.587	240	361165	20.000	ng	-0.02
86) Perylene-d12	24.718	264	417510	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	349949	125.864	ng	0.00
7) Phenol-d6	7.116	99	452284	109.588	ng	0.00
23) Nitrobenzene-d5	9.101	82	299300	94.035	ng	-0.01
42) 2,4,6-Tribromophenol	16.064	330	292905	178.592	ng	-0.01
45) 2-Fluorobiphenyl	13.203	172	762661	77.471	ng	-0.02
79) Terphenyl-d14	19.948	244	1650337	80.461	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.101	70	40374	12.828	ng	# 74
24) Nitrobenzene	9.107	77	1097	3.065	ng	# 45
48) 2-Nitroaniline	13.203	65	1377	3.369	ng	# 1
51) 2,6-Dinitrotoluene	14.577	165	18711	11.979	ng	# 19
57) 2,4-Dinitrotoluene	14.577	165	18711	10.082	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.064	198	662	7.392	ng	# 1
67) 4-Bromophenyl-phenylether	16.064	248	19402	5.001	ng	# 1

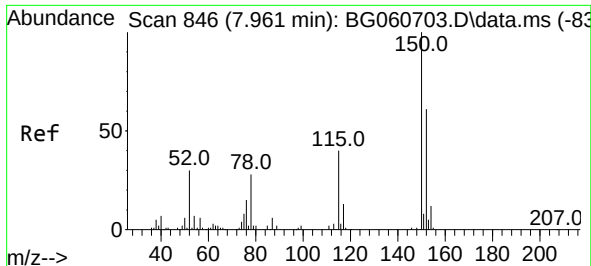
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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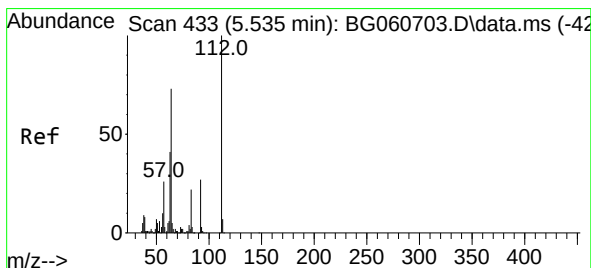
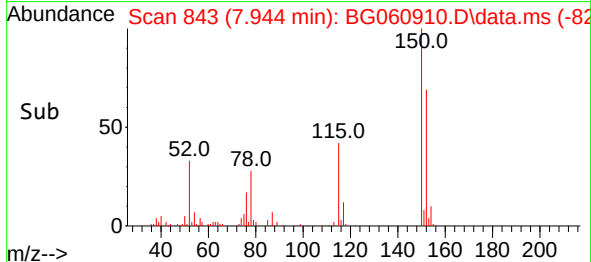
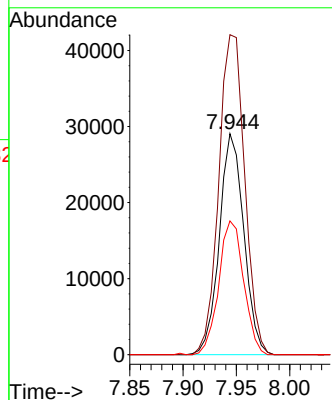
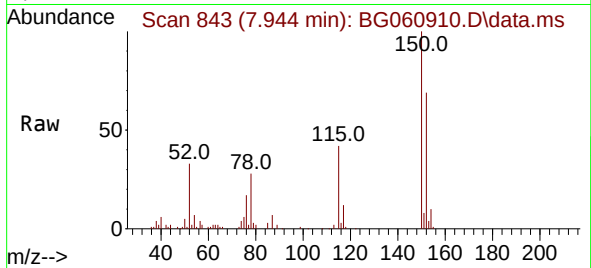




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.944 min Scan# 846
Delta R.T. -0.017 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

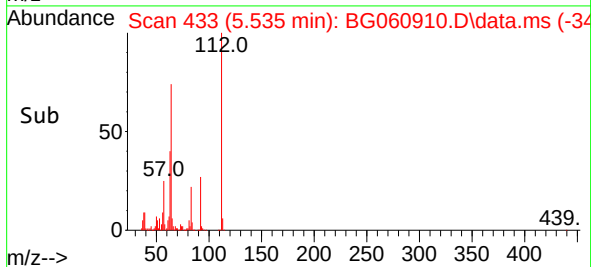
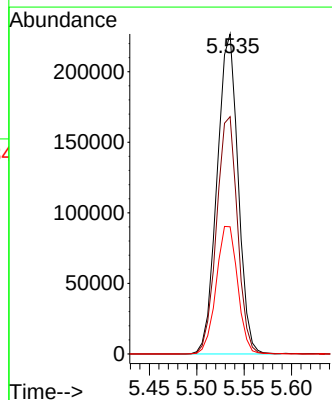
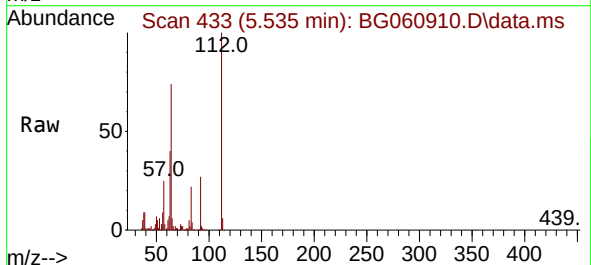
Instrument :
BNA_G
ClientSampleId :
PB160180TB

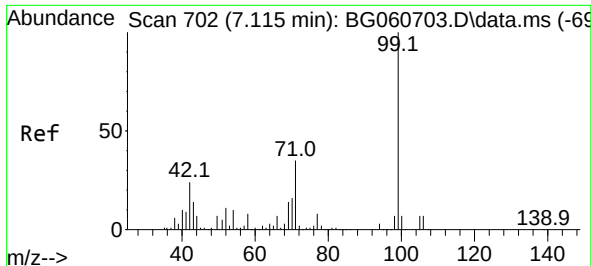
Tgt Ion:152 Resp: 46318
Ion Ratio Lower Upper
152 100
150 144.8 130.2 195.4
115 60.6 51.6 77.4



#5
2-Fluorophenol
Concen: 125.864 ng
RT: 5.535 min Scan# 433
Delta R.T. 0.000 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

Tgt Ion:112 Resp: 349949
Ion Ratio Lower Upper
112 100
64 74.1 58.4 87.6
63 39.8 32.7 49.1

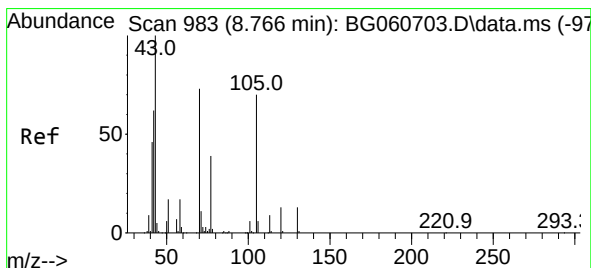
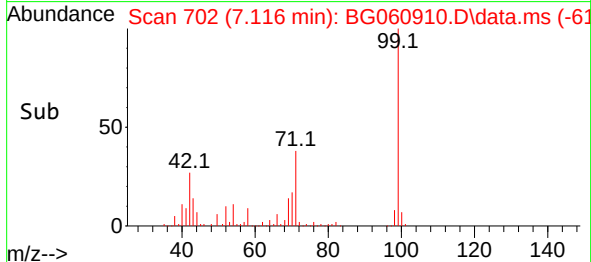
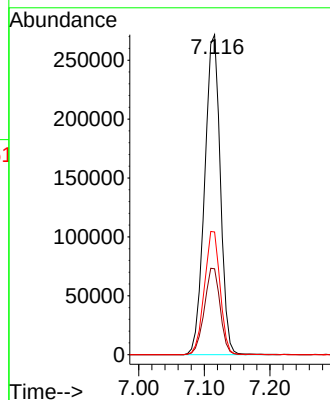
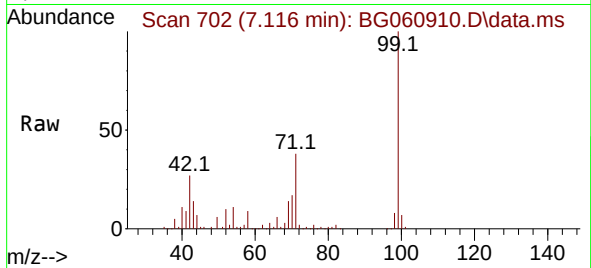




#7
Phenol-d6
Concen: 109.588 ng
RT: 7.116 min Scan# 70
Delta R.T. 0.000 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

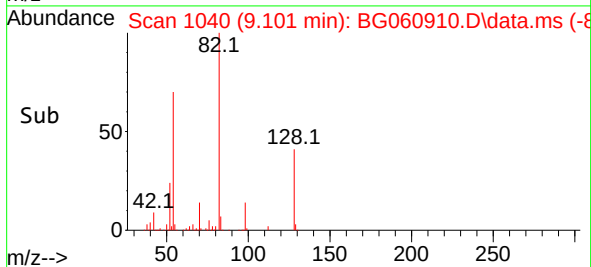
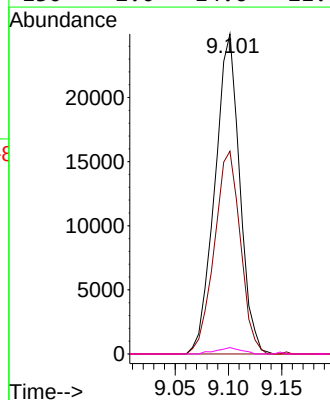
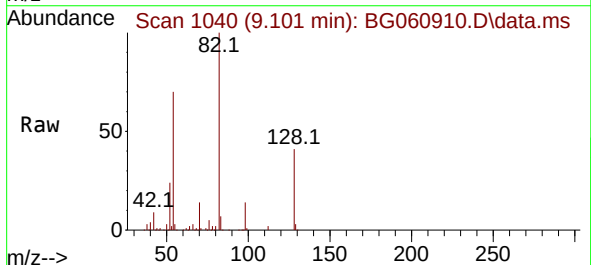
Instrument :
BNA_G
ClientSampleId :
PB160180TB

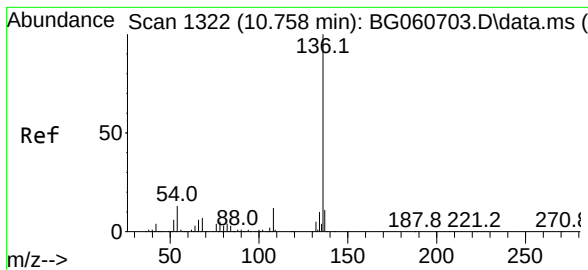
Tgt Ion: 99 Resp: 452284
Ion Ratio Lower Upper
99 100
42 26.8 19.4 29.2
71 38.4 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.828 ng
RT: 9.101 min Scan# 1040
Delta R.T. 0.335 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

Tgt Ion: 70 Resp: 40374
Ion Ratio Lower Upper
70 100
42 63.3 68.4 102.6#
101 0.0 6.1 9.1#
130 2.0 14.6 21.8#

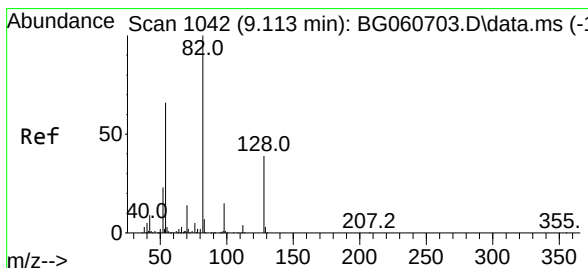
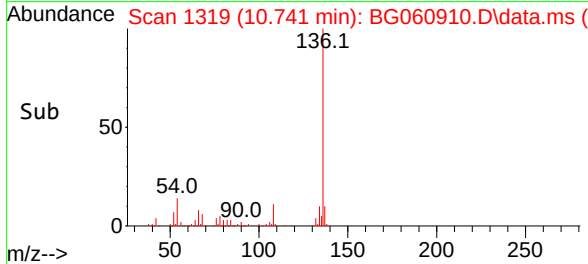
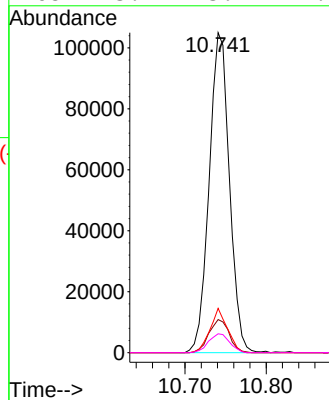
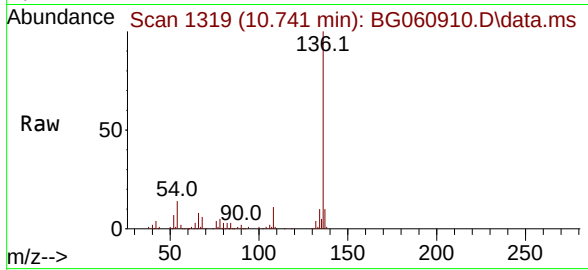




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.741 min Scan# 1319
Delta R.T. -0.017 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

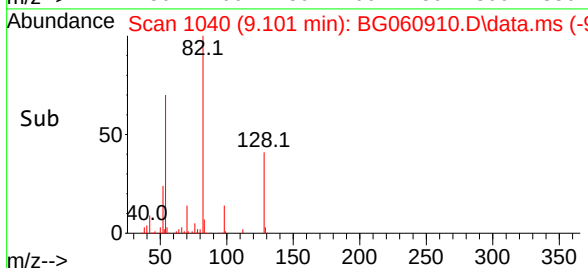
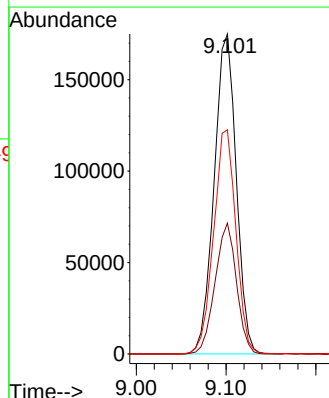
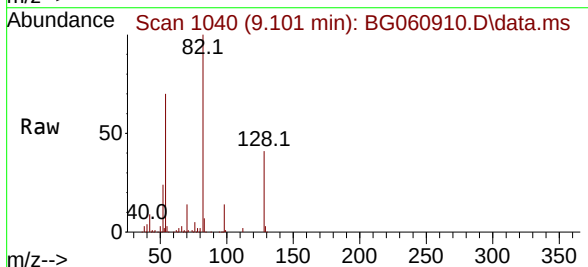
Instrument :
BNA_G
ClientSampleId :
PB160180TB

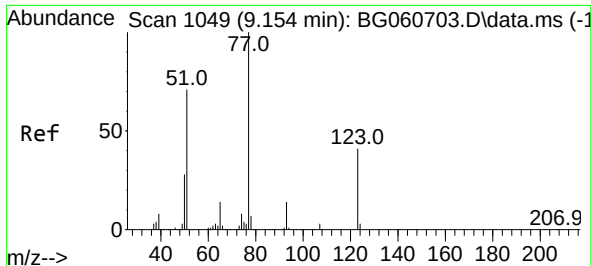
Tgt Ion:	136	Resp:	181618
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	13.8	10.2	15.2
68	5.9	5.2	7.8



#23
Nitrobenzene-d5
Concen: 94.035 ng
RT: 9.101 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

Tgt Ion:	82	Resp:	299300
Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.2	46.8
54	70.1	53.2	79.8

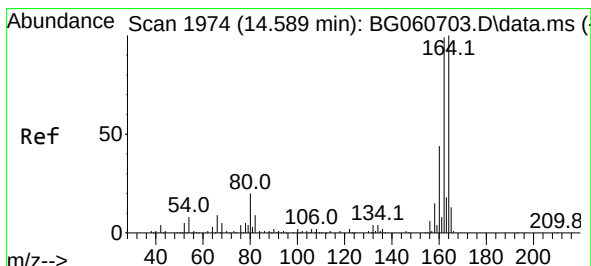
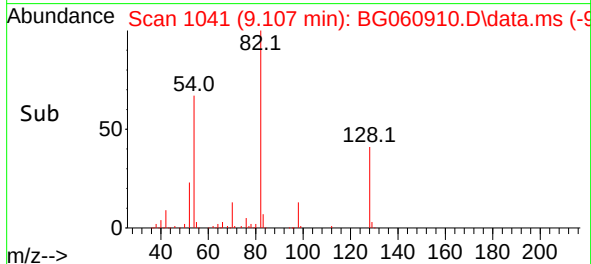
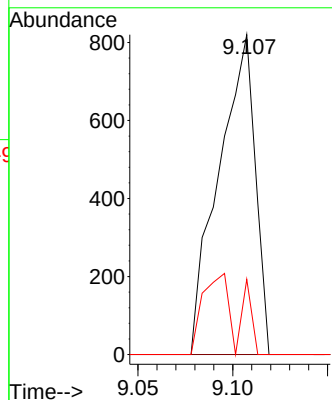
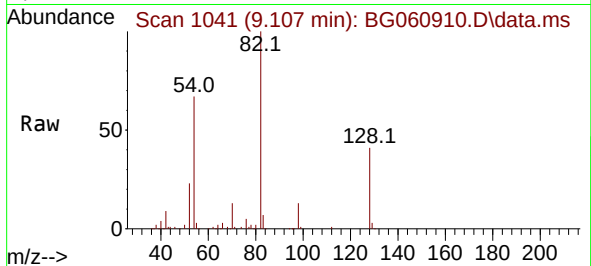




#24
Nitrobenzene
Concen: 3.065 ng
RT: 9.107 min Scan# 1049
Delta R.T. -0.047 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

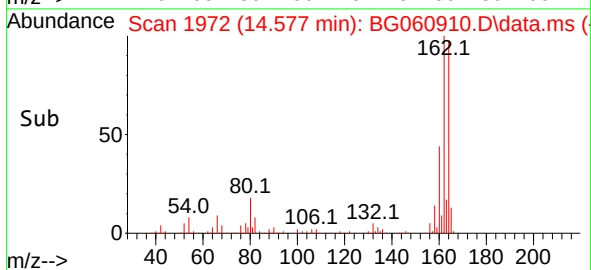
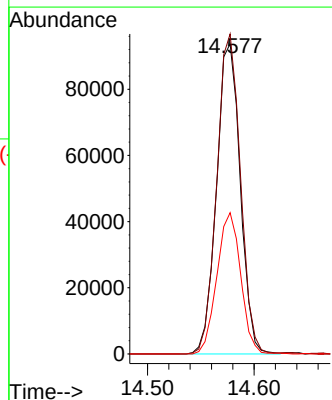
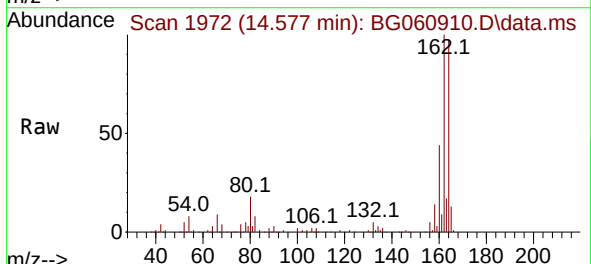
Instrument :
BNA_G
ClientSampleId :
PB160180TB

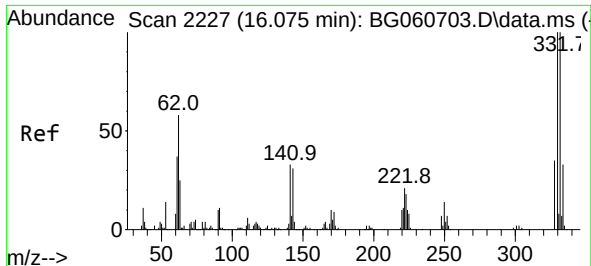
Tgt Ion: 77 Resp: 1097
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 23.5 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

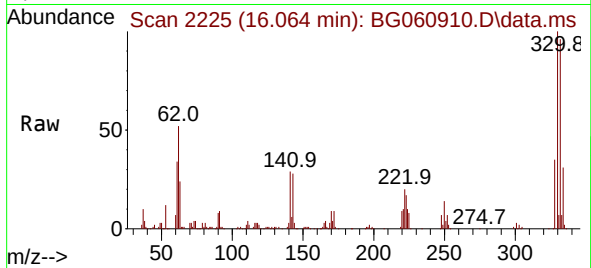
Tgt Ion: 164 Resp: 144480
Ion Ratio Lower Upper
164 100
162 103.1 79.5 119.3
160 45.5 35.4 53.0



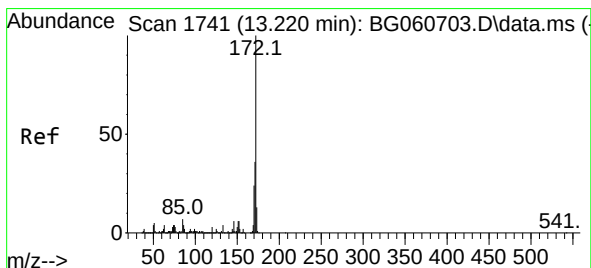
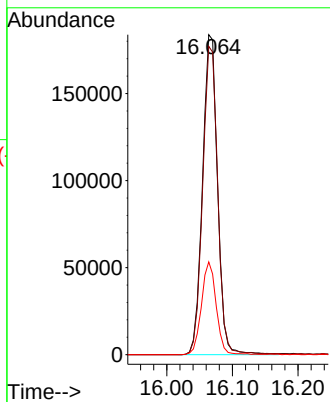
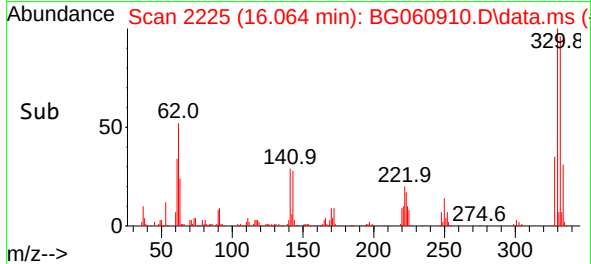


#42
2,4,6-Tribromophenol
Concen: 178.592 ng
RT: 16.064 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

Instrument :
BNA_G
ClientSampleId :
PB160180TB

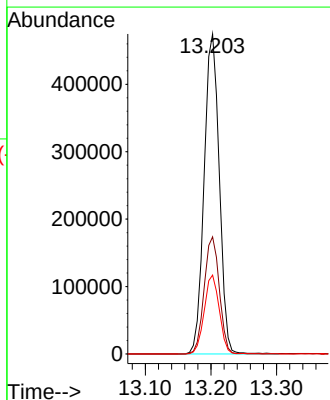
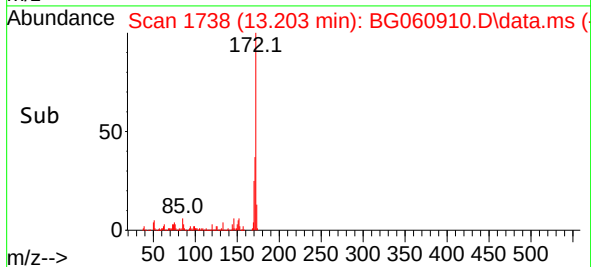
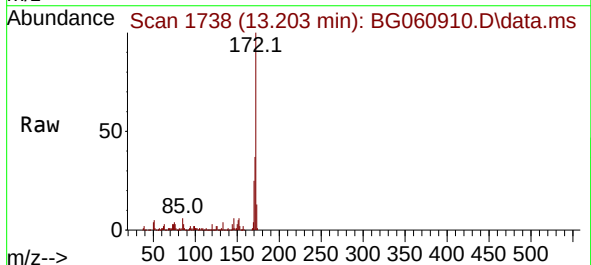


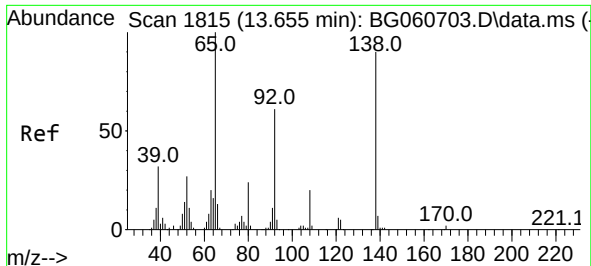
Tgt Ion:330 Resp: 292905
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.4
141 28.5 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 77.471 ng
RT: 13.203 min Scan# 1738
Delta R.T. -0.017 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

Tgt Ion:172 Resp: 762661
Ion Ratio Lower Upper
172 100
171 36.6 28.7 43.1
170 24.7 19.4 29.0

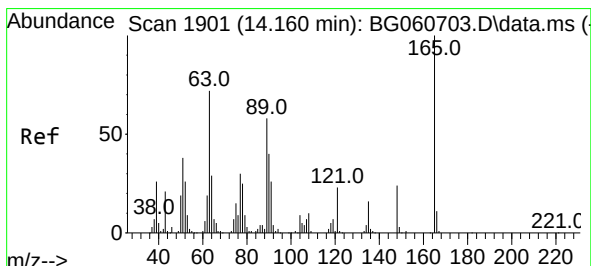
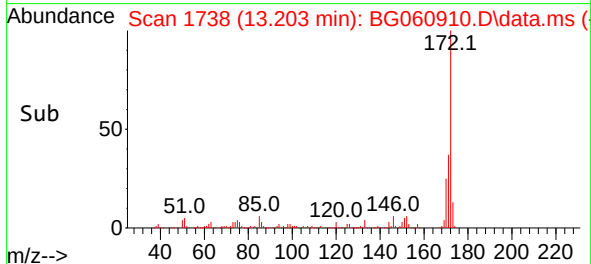
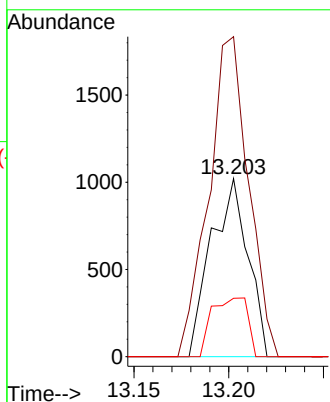
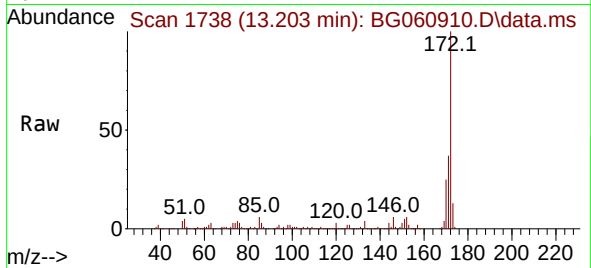




#48
2-Nitroaniline
Concen: 3.369 ng
RT: 13.203 min Scan# 1
Delta R.T. -0.452 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

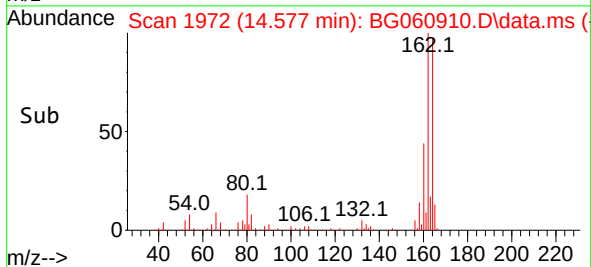
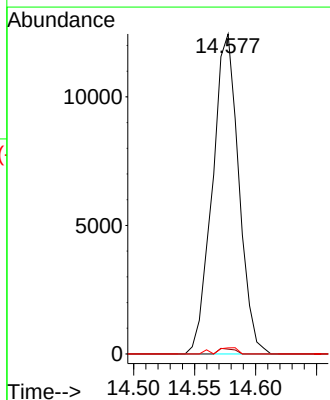
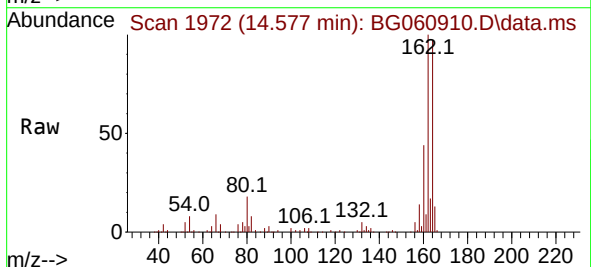
Instrument :
BNA_G
ClientSampleId :
PB160180TB

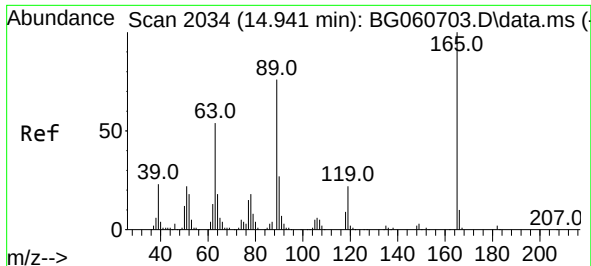
Tgt Ion: 65 Resp: 1377
Ion Ratio Lower Upper
65 100
92 179.7 48.6 72.8#
138 32.8 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 11.979 ng
RT: 14.577 min Scan# 1972
Delta R.T. 0.417 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

Tgt Ion:165 Resp: 18711
Ion Ratio Lower Upper
165 100
63 1.5 58.2 87.4#
89 1.9 46.1 69.1#





#57

2,4-Dinitrotoluene

Concen: 10.082 ng

RT: 14.577 min Scan# 14

Delta R.T. -0.364 min

Lab File: BG060910.D

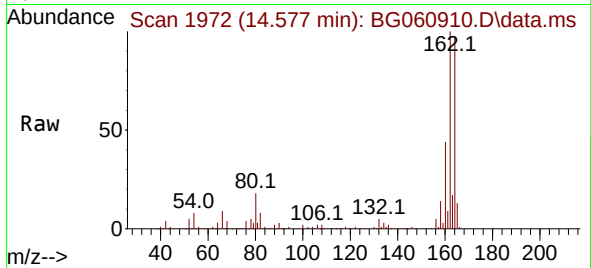
Acq: 16 Apr 2024 12:29

Instrument :

BNA_G

ClientSampleId :

PB160180TB



Tgt Ion:165 Resp: 18711

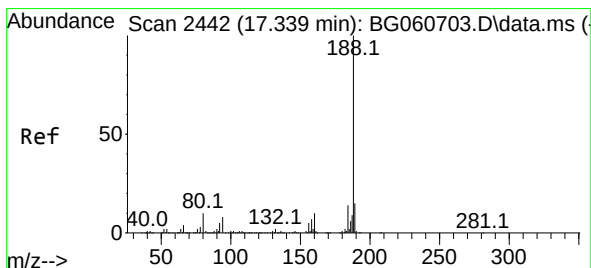
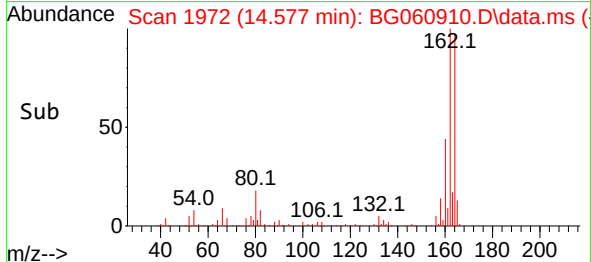
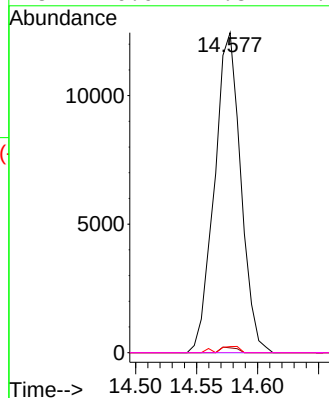
Ion Ratio Lower Upper

165 100

63 1.5 43.4 65.0#

89 1.9 61.0 91.6#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.327 min Scan# 2440

Delta R.T. -0.012 min

Lab File: BG060910.D

Acq: 16 Apr 2024 12:29

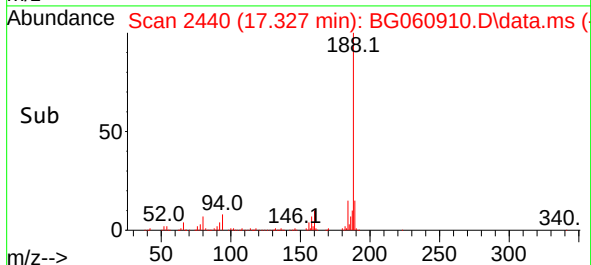
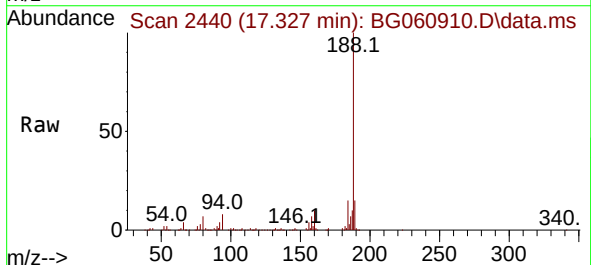
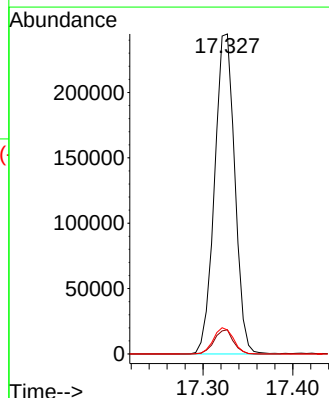
Tgt Ion:188 Resp: 382278

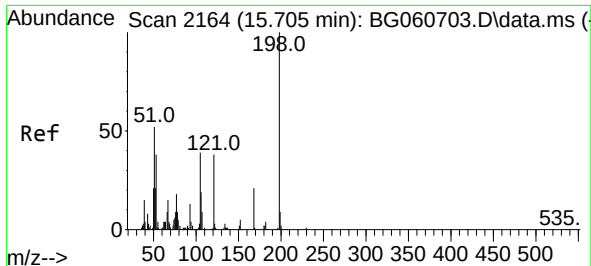
Ion Ratio Lower Upper

188 100

94 7.6 6.6 9.8

80 7.5 7.6 11.4#

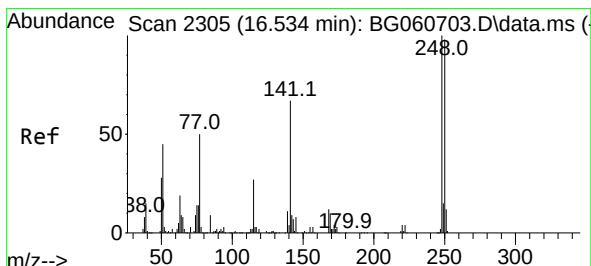
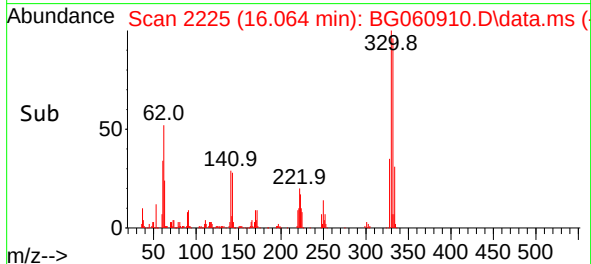
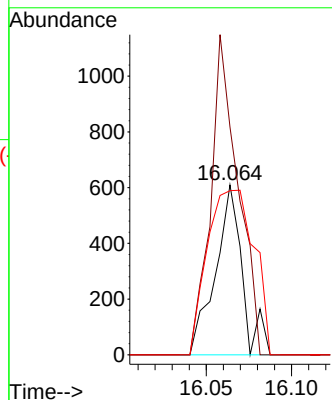
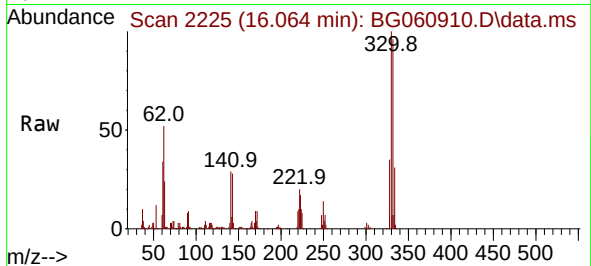




#65
4,6-Dinitro-2-methylphenol
Concen: 7.392 ng
RT: 16.064 min Scan# 2164
Delta R.T. 0.359 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

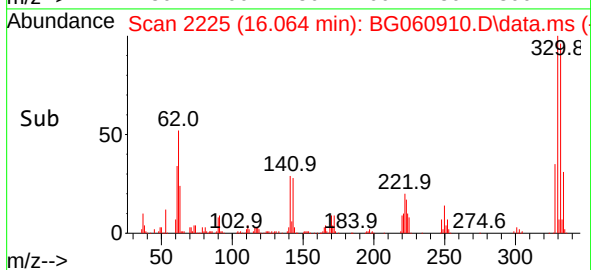
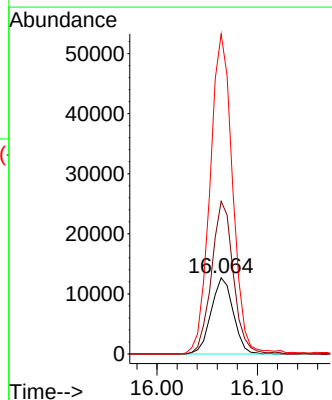
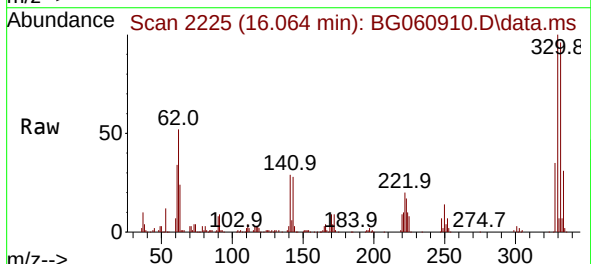
Instrument :
BNA_G
ClientSampleId :
PB160180TB

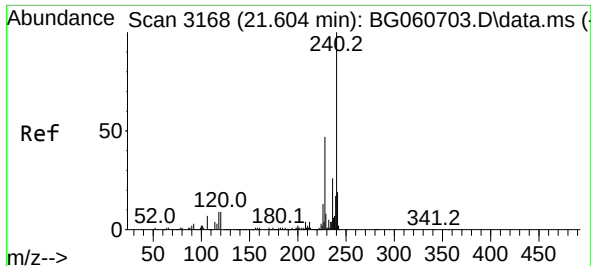
Tgt Ion:198 Resp: 662
Ion Ratio Lower Upper
198 100
51 134.1 36.7 76.7#
105 96.6 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 5.001 ng
RT: 16.064 min Scan# 2225
Delta R.T. -0.470 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

Tgt Ion:248 Resp: 19402
Ion Ratio Lower Upper
248 100
250 200.5 78.3 117.5#
141 420.5 53.7 80.5#

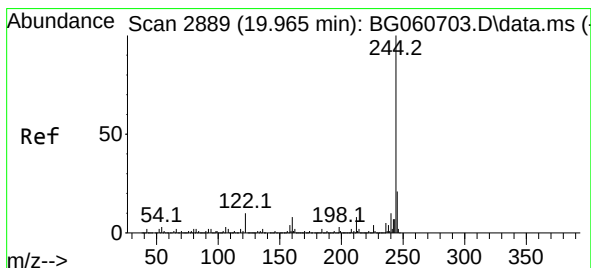
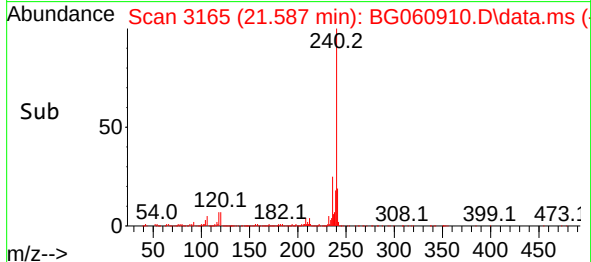
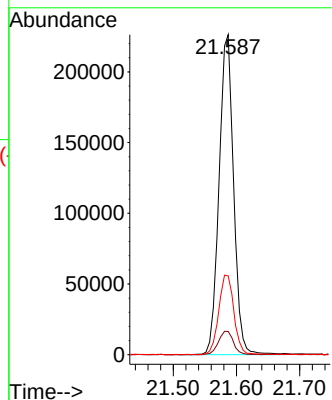
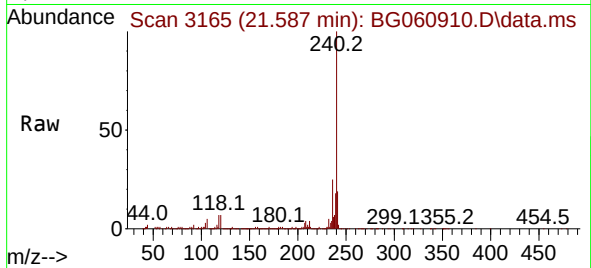




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 3165
Delta R.T. -0.017 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

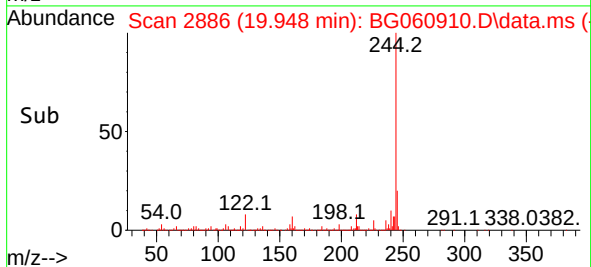
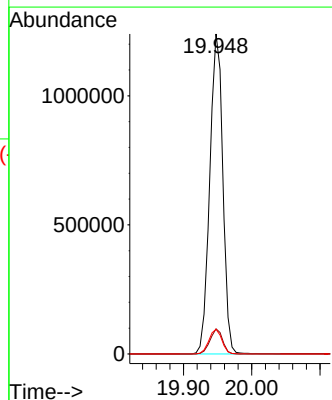
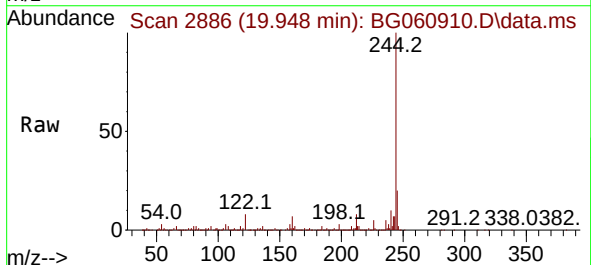
Instrument :
BNA_G
ClientSampleId :
PB160180TB

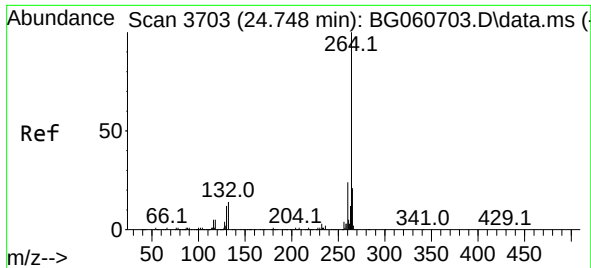
Tgt Ion:240 Resp: 361165
Ion Ratio Lower Upper
240 100
120 7.2 7.1 10.7
236 24.7 20.7 31.1



#79
Terphenyl-d14
Concen: 80.461 ng
RT: 19.948 min Scan# 2886
Delta R.T. -0.017 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

Tgt Ion:244 Resp: 1650337
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 7.7 7.8 11.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.718 min Scan# 30
Delta R.T. -0.029 min
Lab File: BG060910.D
Acq: 16 Apr 2024 12:29

Instrument :
BNA_G
ClientSampleId :
PB160180TB

Tgt Ion:264 Resp: 417510

Ion	Ratio	Lower	Upper
264	100		
260	26.4	19.5	29.3
265	22.4	16.9	25.3

