

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060754.D
 Acq On : 3 Apr 2024 2:12
 Operator : MA/JU
 Sample : P1900-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-1

Quant Time: Apr 03 03:22:47 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)

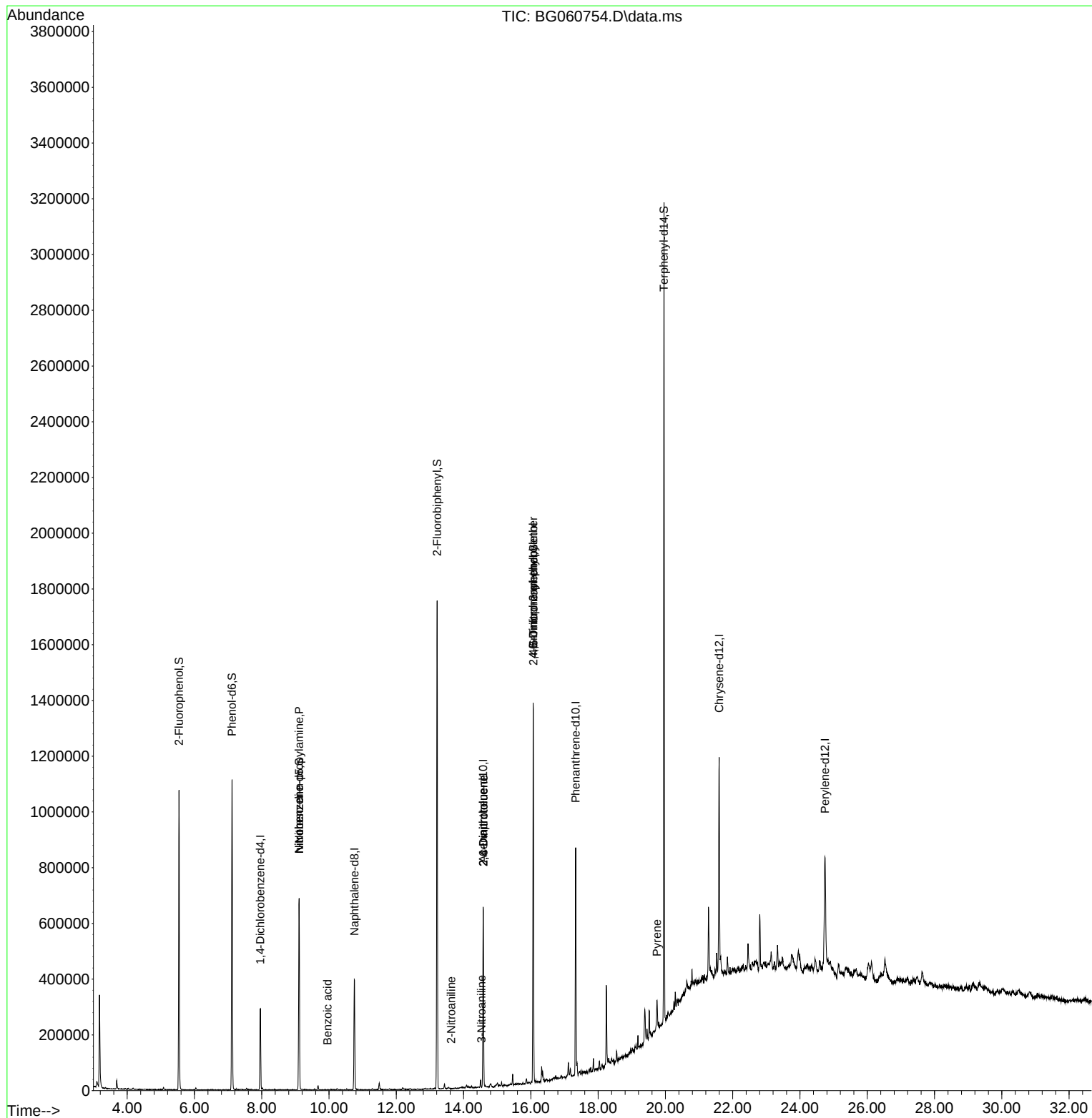
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	79911	20.000	ng	0.00
21) Naphthalene-d8	10.756	136	322186	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	231678	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	504358	20.000	ng	0.00
76) Chrysene-d12	21.596	240	451581	20.000	ng	0.00
86) Perylene-d12	24.745	264	518714	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	423369	88.259	ng	0.00
7) Phenol-d6	7.113	99	581173	81.620	ng	0.00
23) Nitrobenzene-d5	9.111	82	373338	66.121	ng	0.00
42) 2,4,6-Tribromophenol	16.073	330	260023	98.871	ng	0.00
45) 2-Fluorobiphenyl	13.212	172	915286	57.981	ng	0.00
79) Terphenyl-d14	19.957	244	1429717	55.748	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.111	70	50671	9.332	ng	# 78
24) Nitrobenzene	9.111	77	1573	3.009	ng	# 37
32) Benzoic acid	9.957	122	181	6.881	ng	# 52
48) 2-Nitroaniline	13.629	65	57	2.806	ng	# 11
51) 2,6-Dinitrotoluene	14.587	165	30730	12.184	ng	# 19
53) 3-Nitroaniline	14.534	138	58	2.866	ng	# 1
57) 2,4-Dinitrotoluene	14.587	165	30730	10.246	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.067	198	1107	7.488	ng	# 1
67) 4-Bromophenyl-phenylether	16.067	248	18673	3.648	ng	# 1
78) Pyrene	19.745	202	63980	2.026	ng	97

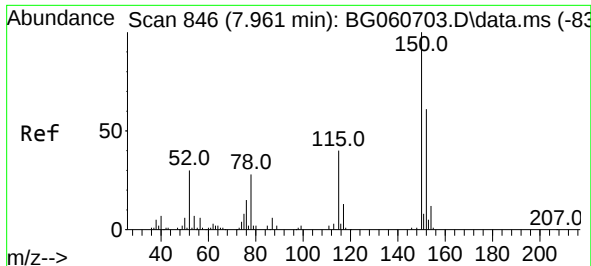
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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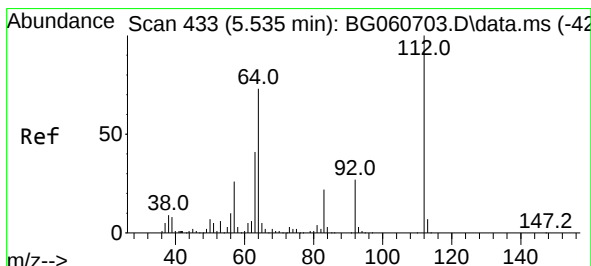
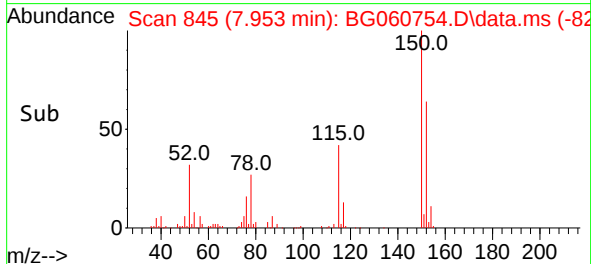
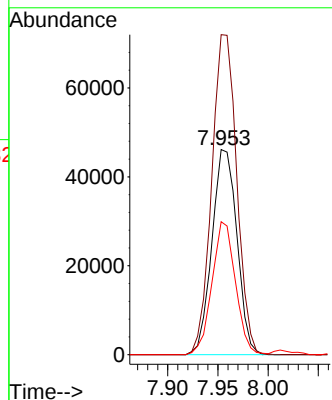
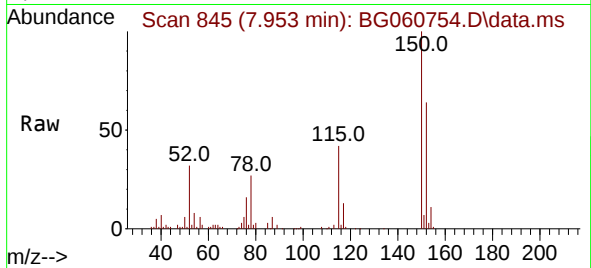




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 846
Delta R.T. -0.008 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

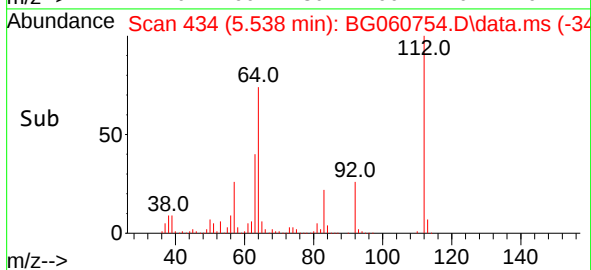
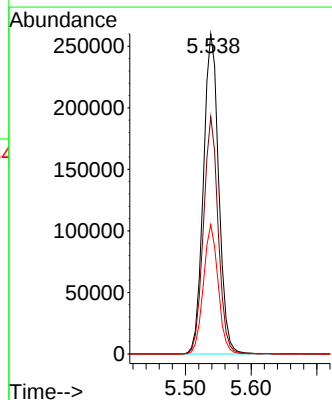
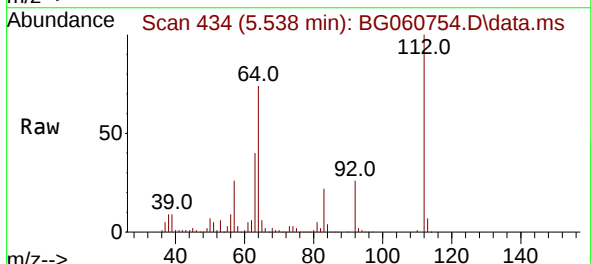
Instrument :
BNA_G
ClientSampleId :
SS-1

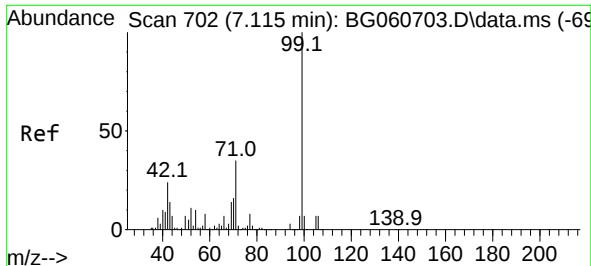
Tgt Ion:152 Resp: 79911
Ion Ratio Lower Upper
152 100
150 156.1 130.2 195.4
115 64.9 51.6 77.4



#5
2-Fluorophenol
Concen: 88.259 ng
RT: 5.538 min Scan# 434
Delta R.T. 0.004 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

Tgt Ion:112 Resp: 423369
Ion Ratio Lower Upper
112 100
64 74.2 58.4 87.6
63 40.4 32.7 49.1





#7
Phenol-d6
Concen: 81.620 ng
RT: 7.113 min Scan# 70
Delta R.T. -0.002 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

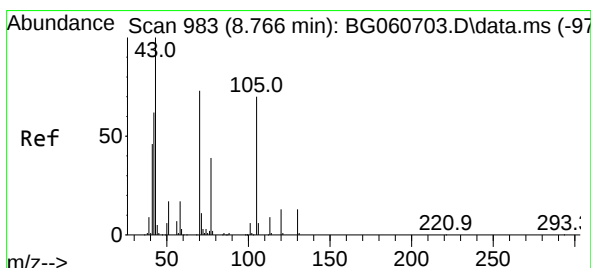
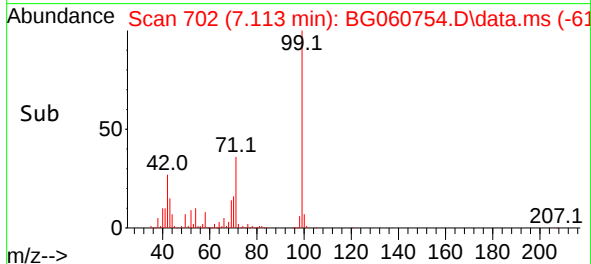
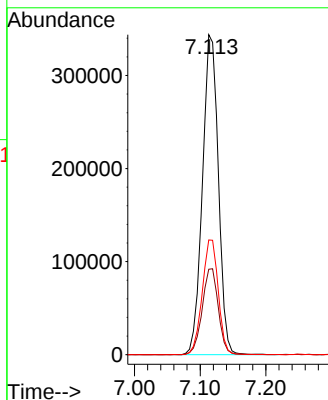
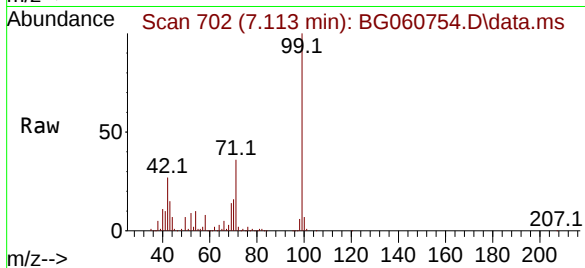
Instrument :

BNA_G

ClientSampleId :

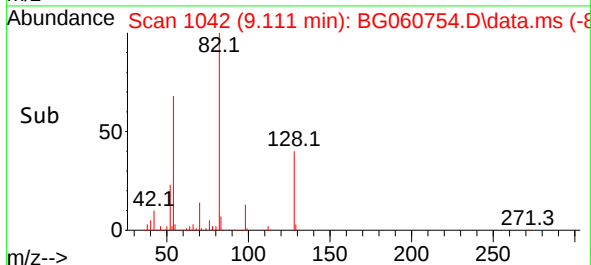
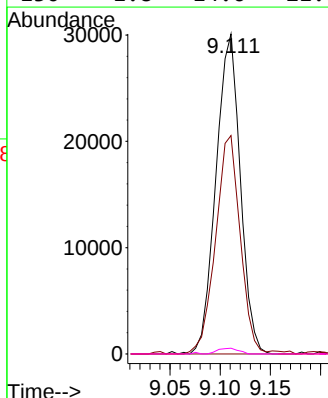
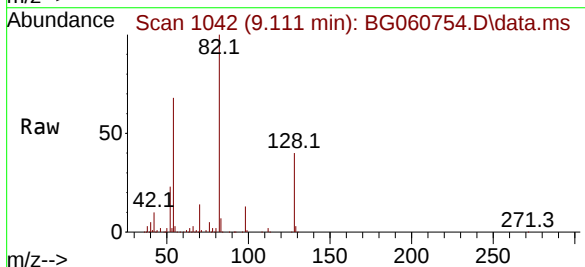
SS-1

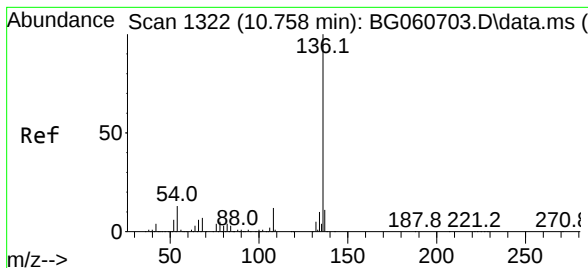
Tgt Ion: 99 Resp: 581173
Ion Ratio Lower Upper
99 100
42 26.7 19.4 29.2
71 35.9 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.332 ng
RT: 9.111 min Scan# 1042
Delta R.T. 0.345 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

Tgt Ion: 70 Resp: 50671
Ion Ratio Lower Upper
70 100
42 68.2 68.4 102.6#
101 0.0 6.1 9.1#
130 1.8 14.6 21.8#

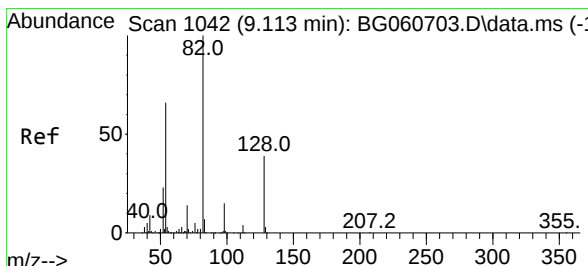
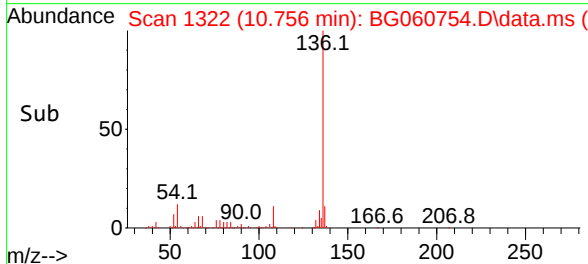
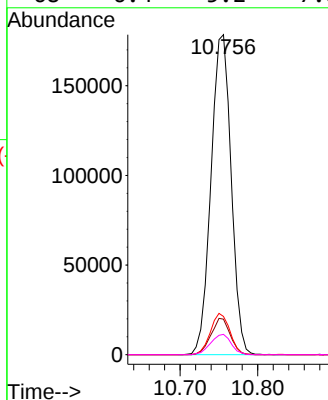
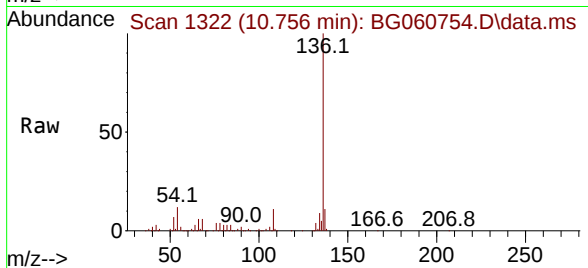




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.756 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

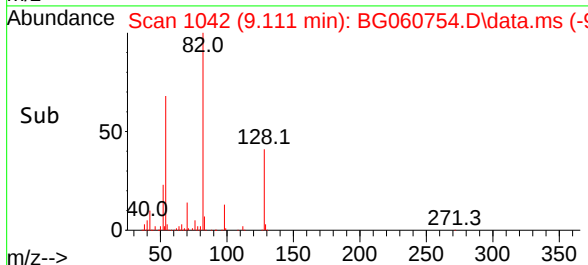
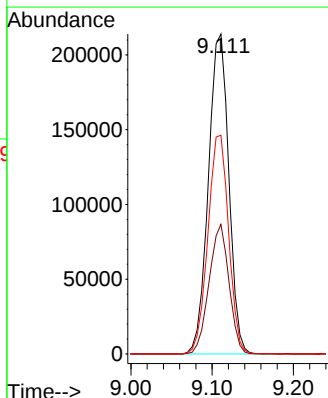
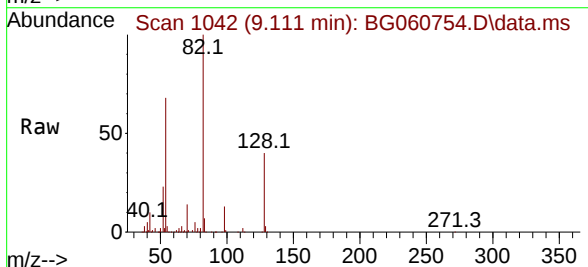
Instrument :
BNA_G
ClientSampleId :
SS-1

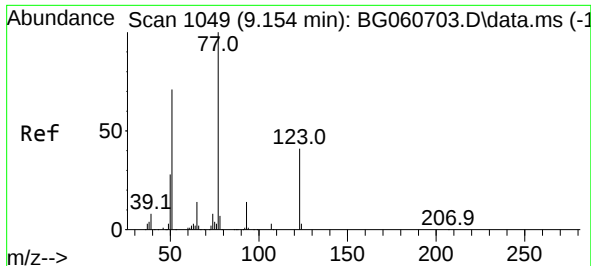
Tgt Ion:	136	Resp:	322186
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.9	10.2	15.2
68	6.4	5.2	7.8



#23
Nitrobenzene-d5
Concen: 66.121 ng
RT: 9.111 min Scan# 1042
Delta R.T. -0.002 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

Tgt Ion:	82	Resp:	373338
Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.2	46.8
54	68.3	53.2	79.8

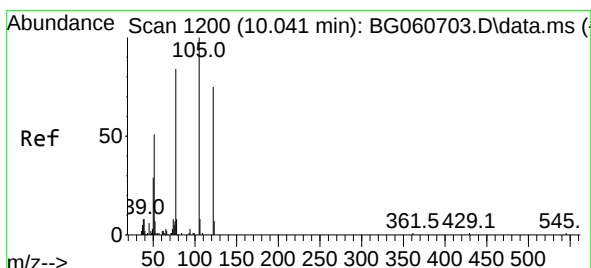
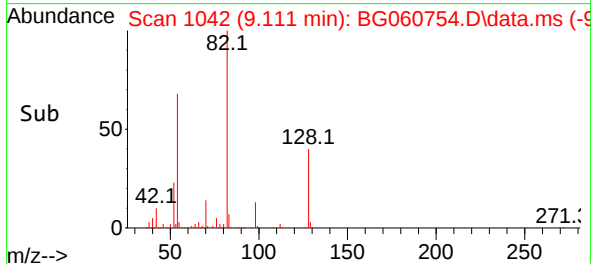
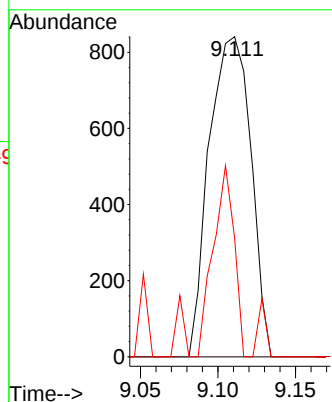
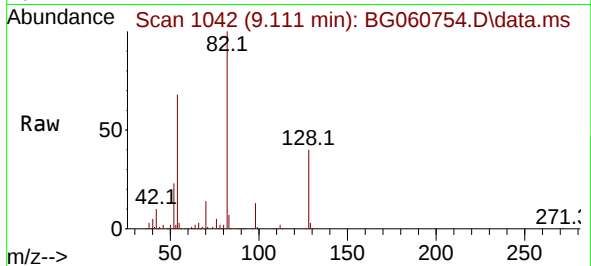




#24
Nitrobenzene
Concen: 3.009 ng
RT: 9.111 min Scan# 1186
Delta R.T. -0.043 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

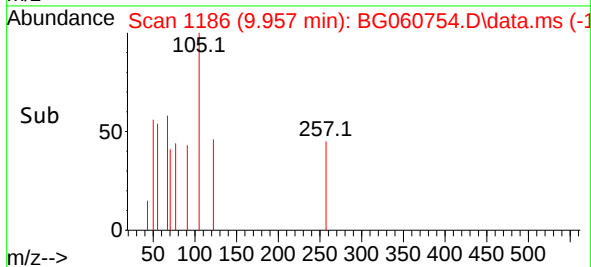
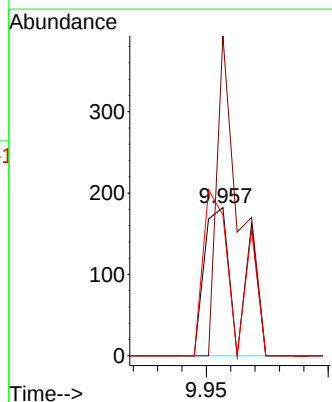
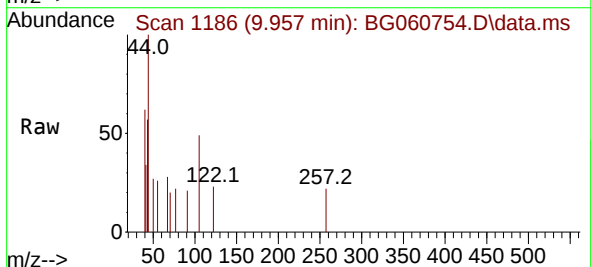
Instrument :
BNA_G
ClientSampleId :
SS-1

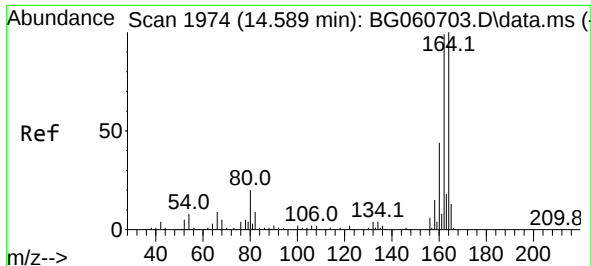
Tgt Ion: 77 Resp: 1573
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 37.1 11.3 16.9#



#32
Benzoic acid
Concen: 6.881 ng
RT: 9.957 min Scan# 1186
Delta R.T. -0.084 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

Tgt Ion: 122 Resp: 181
Ion Ratio Lower Upper
122 100
105 215.9 104.5 144.5#
77 95.1 85.3 125.3

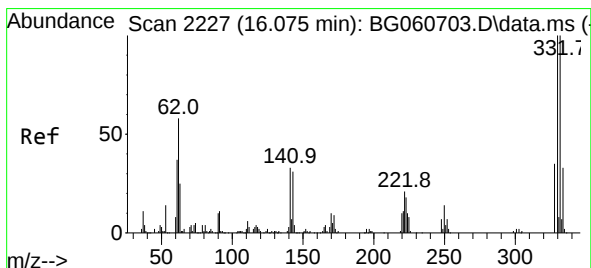
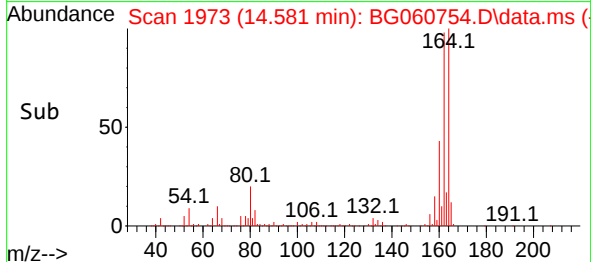
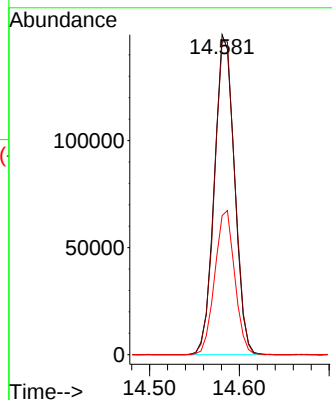
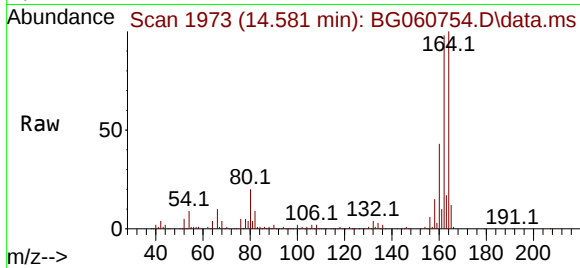




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1974
Delta R.T. -0.008 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

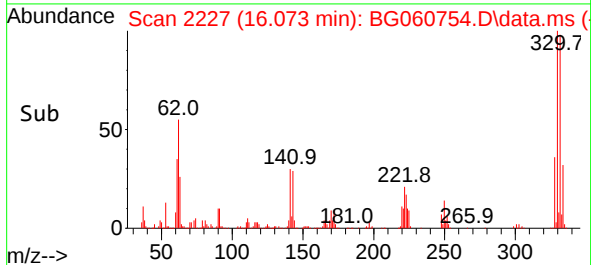
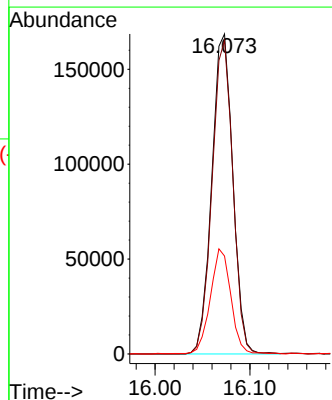
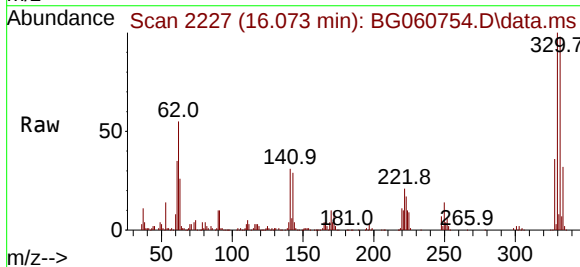
Instrument :
BNA_G
ClientSampleId :
SS-1

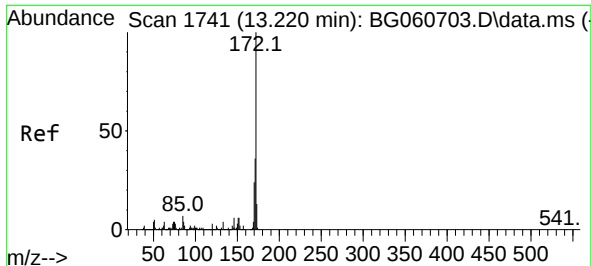
Tgt Ion:164 Resp: 231678
Ion Ratio Lower Upper
164 100
162 97.8 79.5 119.3
160 43.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 98.871 ng
RT: 16.073 min Scan# 2227
Delta R.T. -0.002 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

Tgt Ion:330 Resp: 260023
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.4
141 32.2 27.0 40.6

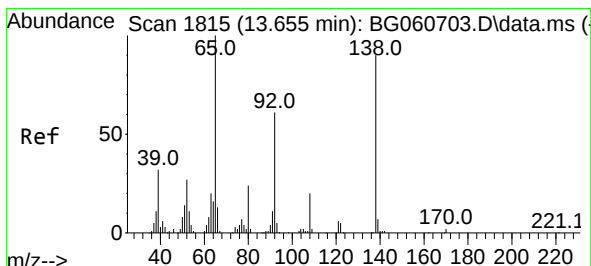
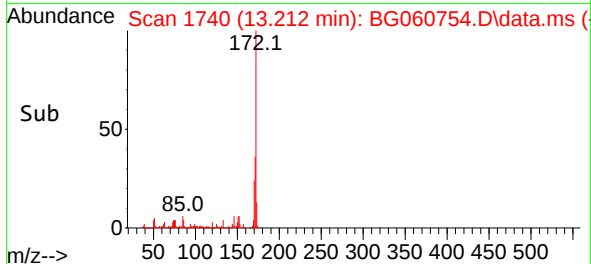
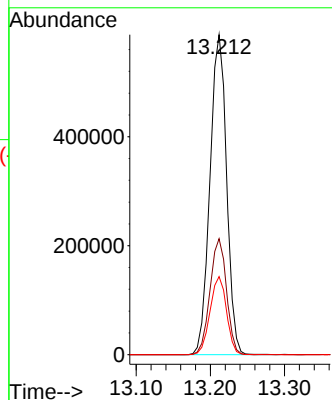
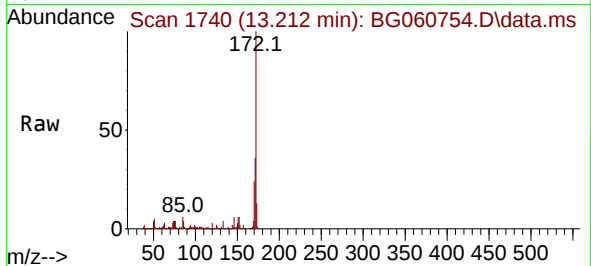




#45
2-Fluorobiphenyl
Concen: 57.981 ng
RT: 13.212 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

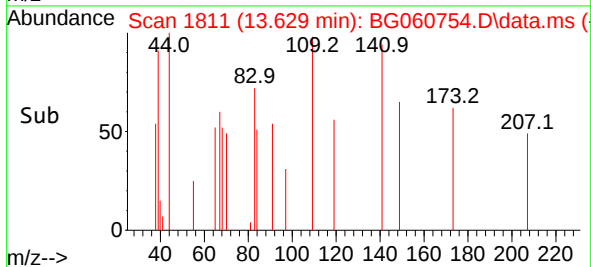
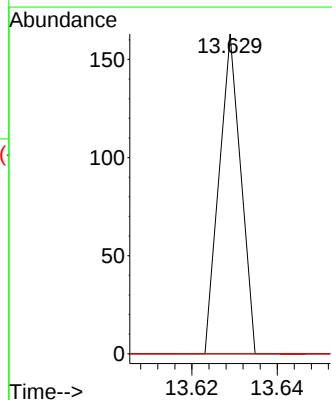
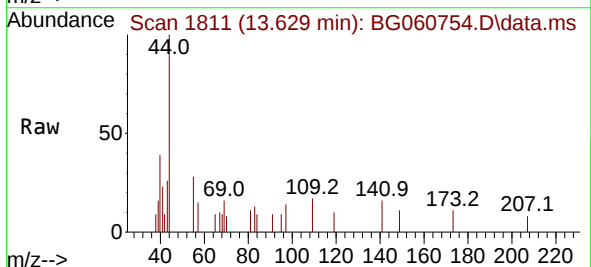
Instrument :
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ClientSampleId :
SS-1

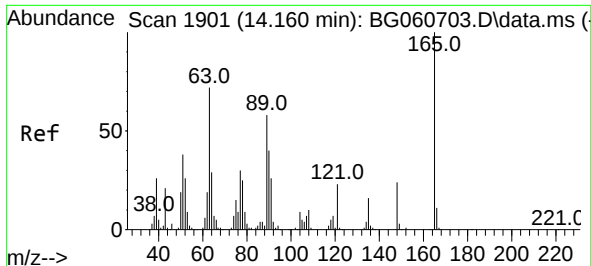
Tgt Ion:172 Resp: 915286
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.4 19.4 29.0



#48
2-Nitroaniline
Concen: 2.806 ng
RT: 13.629 min Scan# 1811
Delta R.T. -0.026 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

Tgt Ion: 65 Resp: 57
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#





#51

2,6-Dinitrotoluene

Concen: 12.184 ng

RT: 14.587 min Scan# 1901

Delta R.T. 0.427 min

Lab File: BG060754.D

Acq: 3 Apr 2024 2:12

Instrument :

BNA_G

ClientSampleId :

SS-1

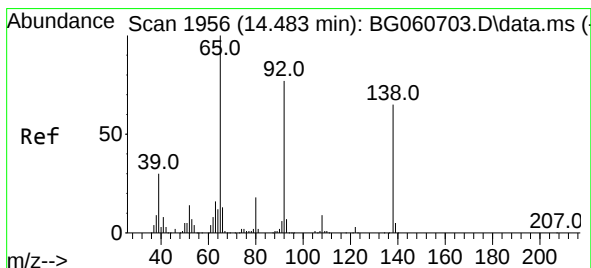
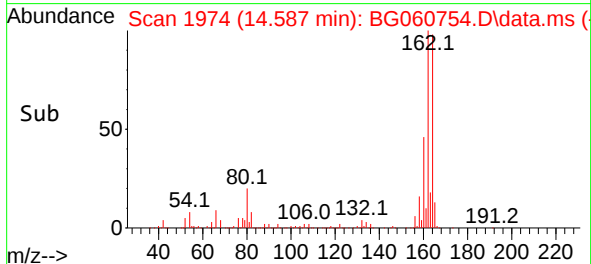
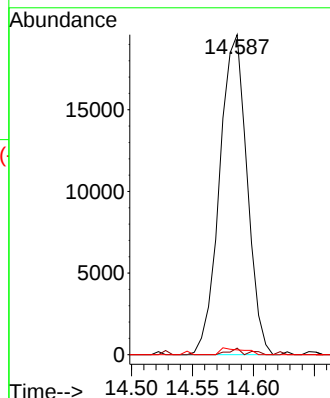
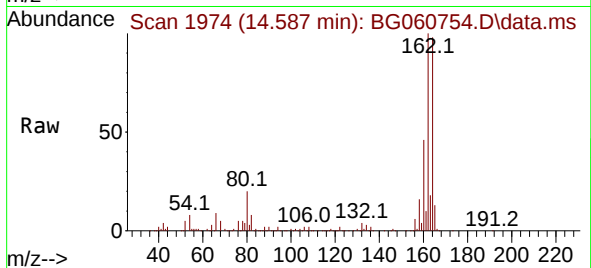
Tgt Ion:165 Resp: 30730

Ion Ratio Lower Upper

165 100

63 2.1 58.2 87.4#

89 1.5 46.1 69.1#



#53

3-Nitroaniline

Concen: 2.866 ng

RT: 14.534 min Scan# 1965

Delta R.T. 0.051 min

Lab File: BG060754.D

Acq: 3 Apr 2024 2:12

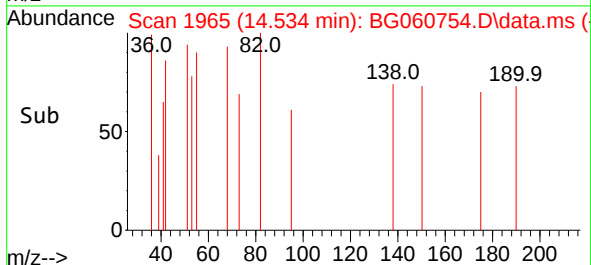
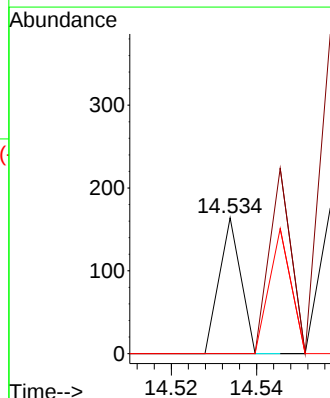
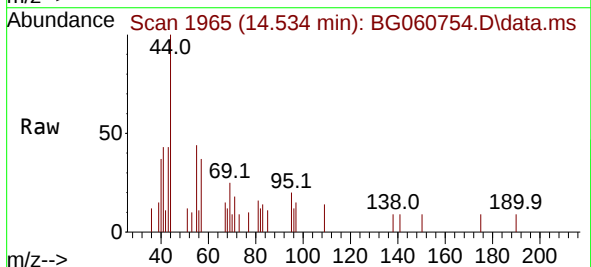
Tgt Ion:138 Resp: 58

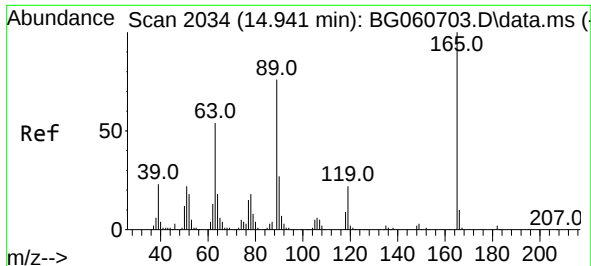
Ion Ratio Lower Upper

138 100

108 0.0 11.3 16.9#

92 0.0 94.1 141.1#

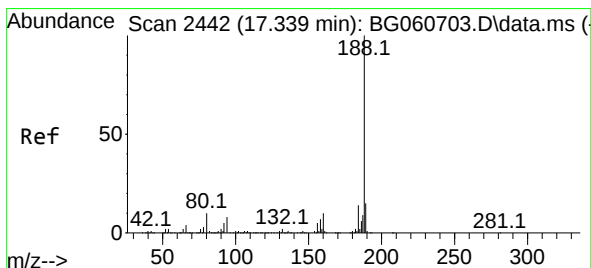
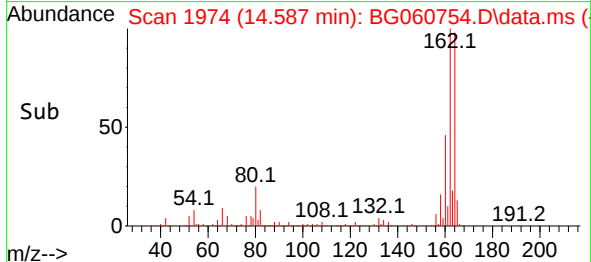
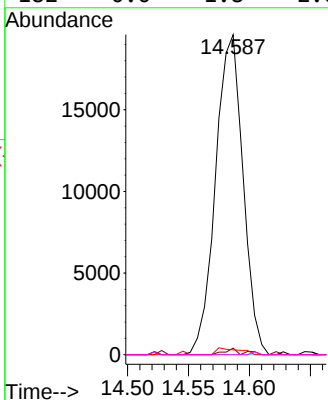
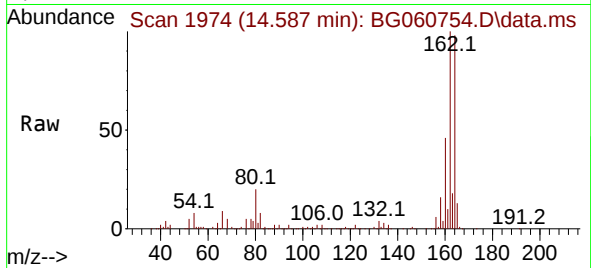




#57
2,4-Dinitrotoluene
Concen: 10.246 ng
RT: 14.587 min Scan# 14587
Delta R.T. -0.354 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

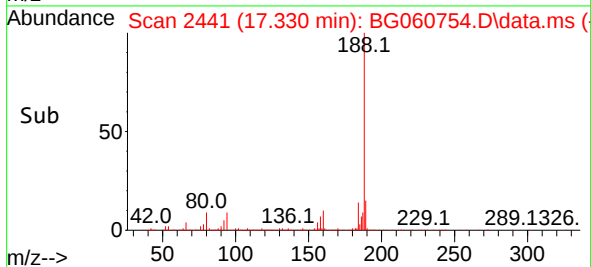
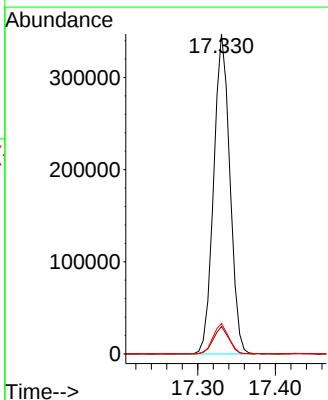
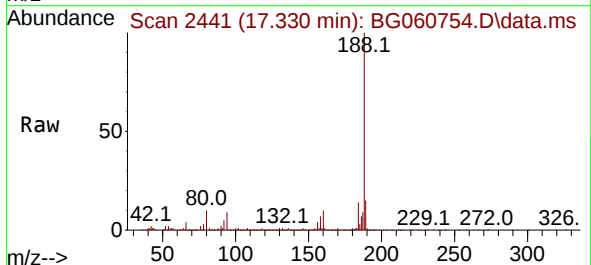
Instrument :
BNA_G
ClientSampleId :
SS-1

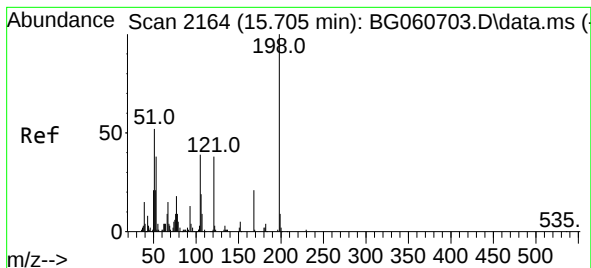
Tgt Ion:165 Resp: 30730
Ion Ratio Lower Upper
165 100
63 2.1 43.4 65.0#
89 1.5 61.0 91.6#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2441
Delta R.T. -0.008 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

Tgt Ion:188 Resp: 504358
Ion Ratio Lower Upper
188 100
94 8.6 6.6 9.8
80 9.5 7.6 11.4

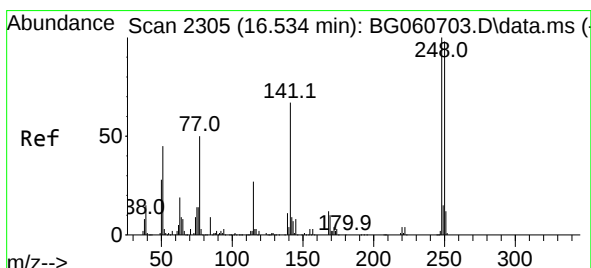
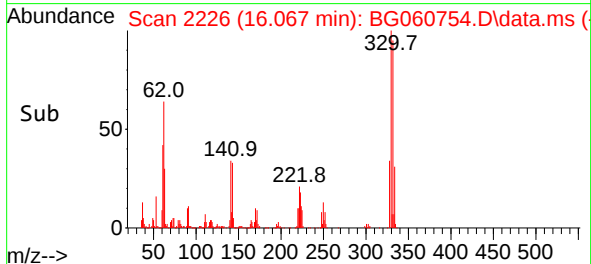
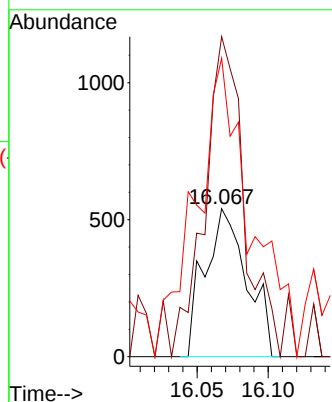
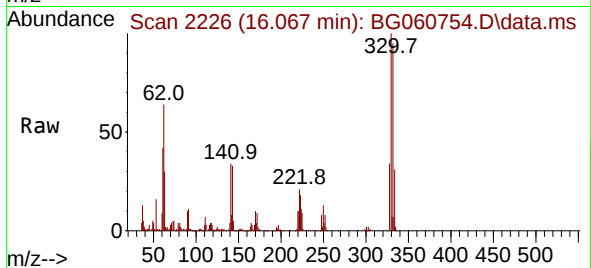




#65
4,6-Dinitro-2-methylphenol
Concen: 7.488 ng
RT: 16.067 min Scan# 2164
Delta R.T. 0.362 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

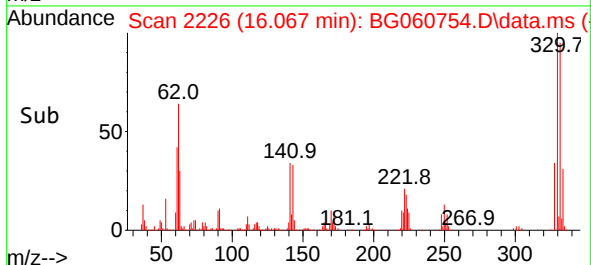
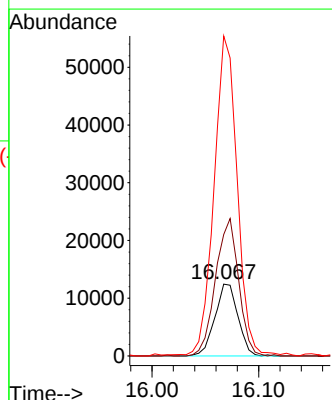
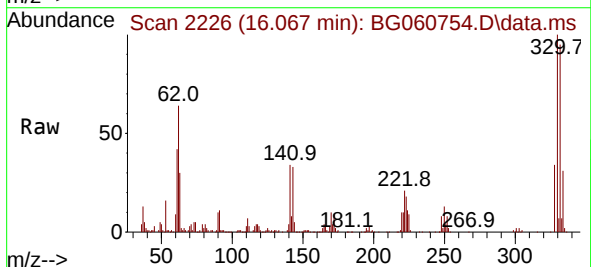
Instrument :
BNA_G
ClientSampleId :
SS-1

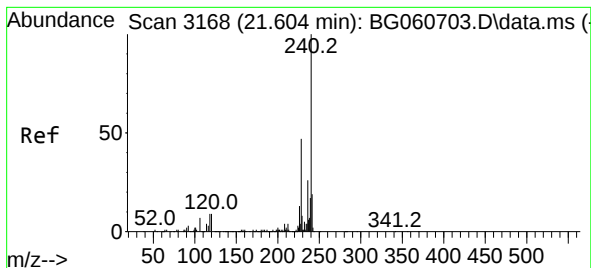
Tgt Ion:198 Resp: 1107
Ion Ratio Lower Upper
198 100
51 216.3 36.7 76.7#
105 201.7 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 3.648 ng
RT: 16.067 min Scan# 2226
Delta R.T. -0.467 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

Tgt Ion:248 Resp: 18673
Ion Ratio Lower Upper
248 100
250 168.9 78.3 117.5#
141 445.0 53.7 80.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.596 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG060754.D

Acq: 3 Apr 2024 2:12

Instrument :

BNA_G

ClientSampleId :

SS-1

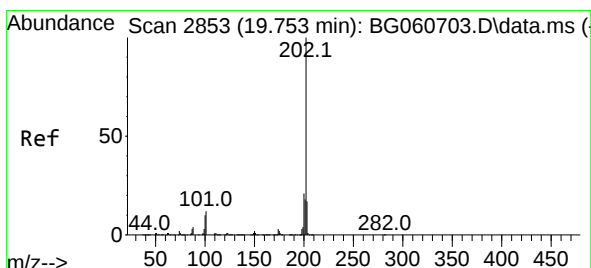
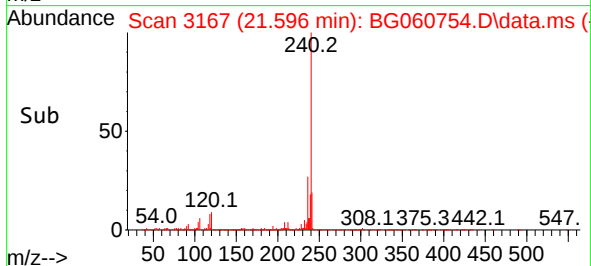
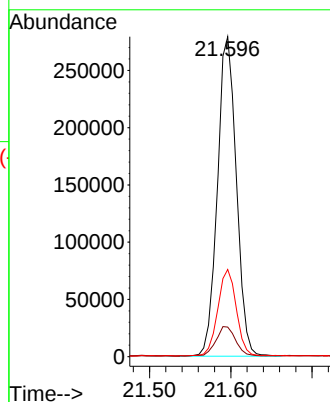
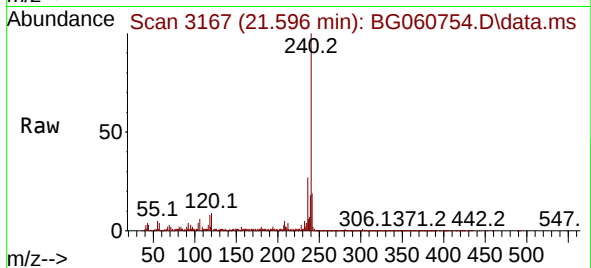
Tgt Ion:240 Resp: 451581

Ion Ratio Lower Upper

240 100

120 9.3 7.1 10.7

236 27.2 20.7 31.1



#78

Pyrene

Concen: 2.026 ng

RT: 19.745 min Scan# 2852

Delta R.T. -0.008 min

Lab File: BG060754.D

Acq: 3 Apr 2024 2:12

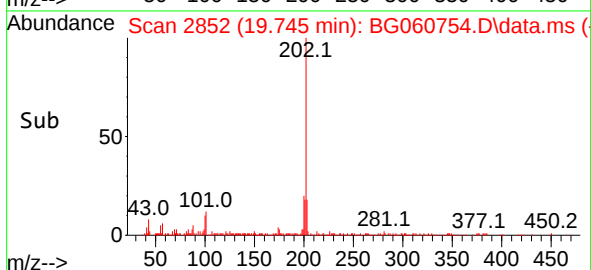
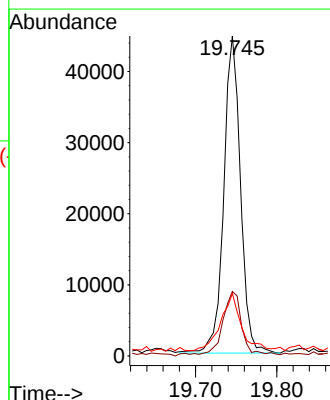
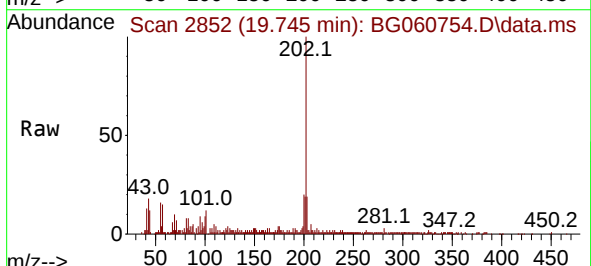
Tgt Ion:202 Resp: 63980

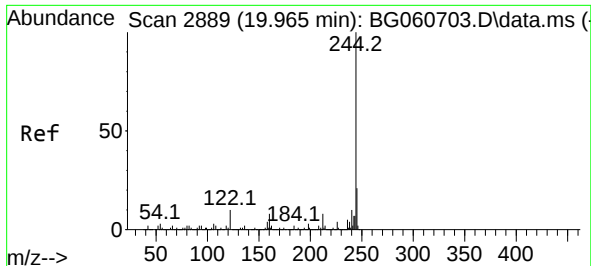
Ion Ratio Lower Upper

202 100

200 20.1 17.0 25.4

203 19.5 14.0 21.0

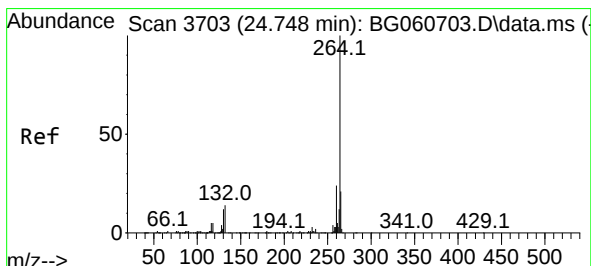
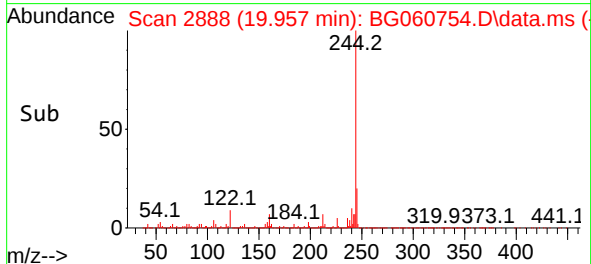
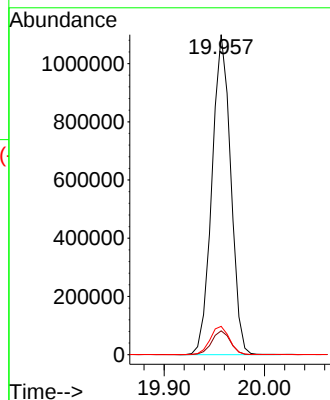
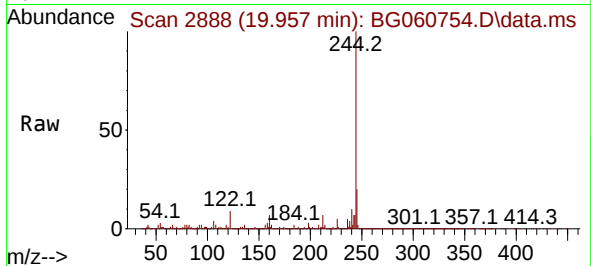




#79
Terphenyl-d14
Concen: 55.748 ng
RT: 19.957 min Scan# 2888
Delta R.T. -0.008 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

Instrument :
BNA_G
ClientSampleId :
SS-1

Tgt Ion:244 Resp: 1429717
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 8.9 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.745 min Scan# 3703
Delta R.T. -0.002 min
Lab File: BG060754.D
Acq: 3 Apr 2024 2:12

Tgt Ion:264 Resp: 518714
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 22.0 16.9 25.3

