

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
 Data File : BG060775.D
 Acq On : 4 Apr 2024 12:49
 Operator : MA/JU
 Sample : P1952-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-A-COMP

Quant Time: Apr 04 13:28:43 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)

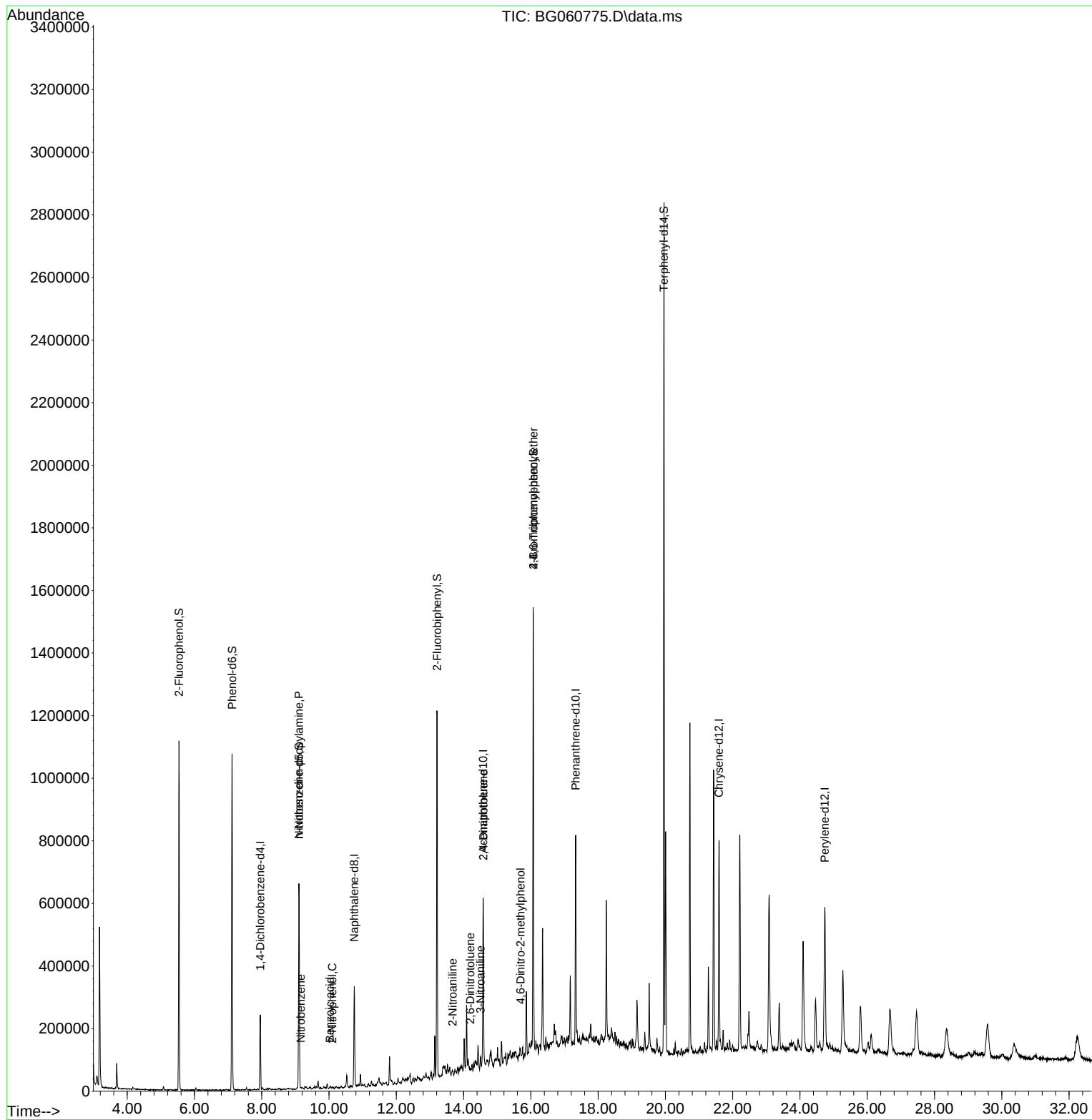
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	63181	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	249399	20.000	ng	0.00
39) Acenaphthene-d10	14.582	164	183734	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	427523	20.000	ng	0.00
76) Chrysene-d12	21.592	240	408877	20.000	ng	-0.01
86) Perylene-d12	24.741	264	491772	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	424590	111.951	ng	0.00
7) Phenol-d6	7.121	99	549754	97.652	ng	0.00
23) Nitrobenzene-d5	9.107	82	358521	82.028	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	281981	135.199	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	617551	49.329	ng	0.00
79) Terphenyl-d14	19.959	244	1321319	56.903	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.107	70	50305	11.717	ng	# 79
24) Nitrobenzene	9.165	77	59	2.784	ng	# 42
26) 2-Nitrophenol	10.099	139	60	2.999	ng	# 1
32) Benzoic acid	10.029	122	191	6.897	ng	# 24
48) 2-Nitroaniline	13.678	65	292	2.887	ng	# 30
51) 2,6-Dinitrotoluene	14.201	165	1264	3.945	ng	# 17
53) 3-Nitroaniline	14.500	138	1144	3.228	ng	# 40
57) 2,4-Dinitrotoluene	14.588	165	25394	10.538	ng	# 21
65) 4,6-Dinitro-2-methylph...	15.693	198	56	7.061	ng	# 1
67) 4-Bromophenyl-phenylether	16.075	248	19203	4.426	ng	# 1

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

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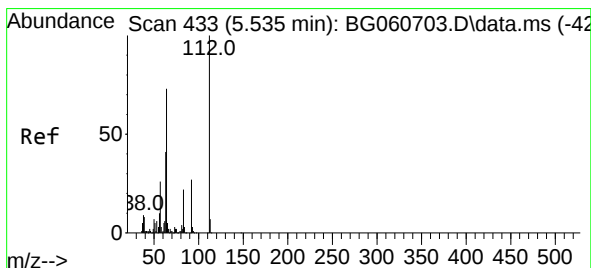
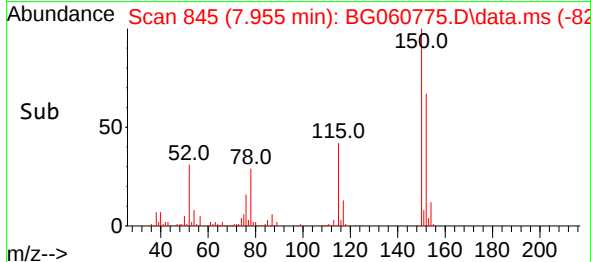
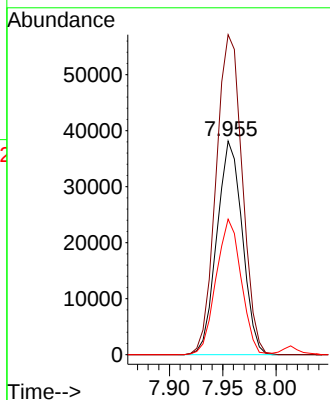
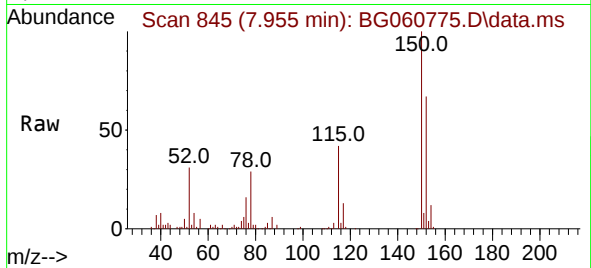




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG060775.D
Acq: 4 Apr 2024 12:49

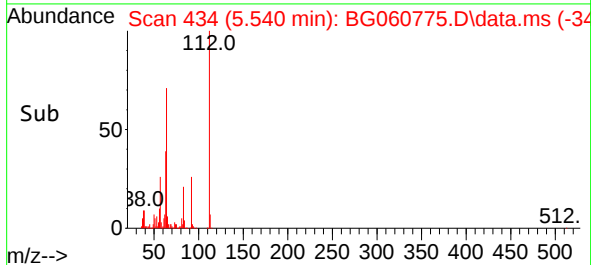
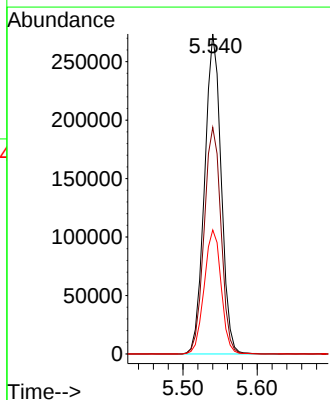
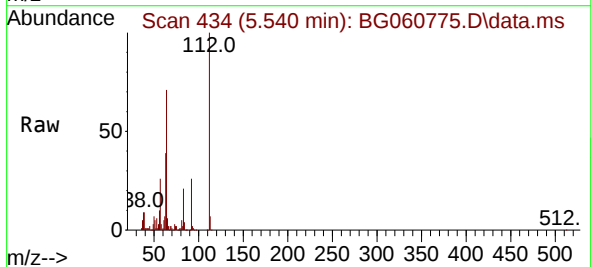
Instrument :
BNA_G
ClientSampleId :
WC-A-COMP

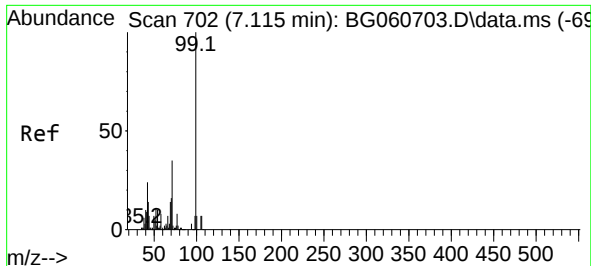
Tgt Ion:152 Resp: 63181
Ion Ratio Lower Upper
152 100
150 149.8 130.2 195.4
115 63.5 51.6 77.4



#5
2-Fluorophenol
Concen: 111.951 ng
RT: 5.540 min Scan# 434
Delta R.T. 0.005 min
Lab File: BG060775.D
Acq: 4 Apr 2024 12:49

Tgt Ion:112 Resp: 424590
Ion Ratio Lower Upper
112 100
64 70.8 58.4 87.6
63 38.7 32.7 49.1

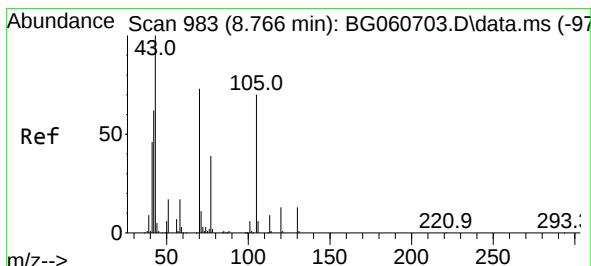
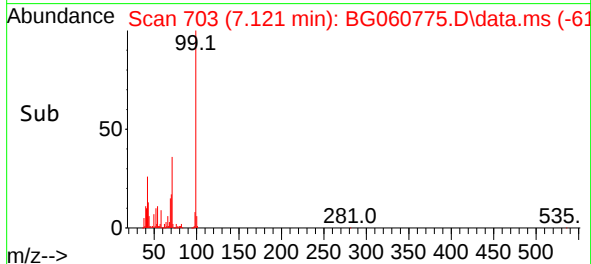
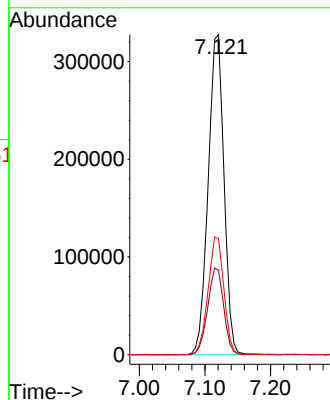
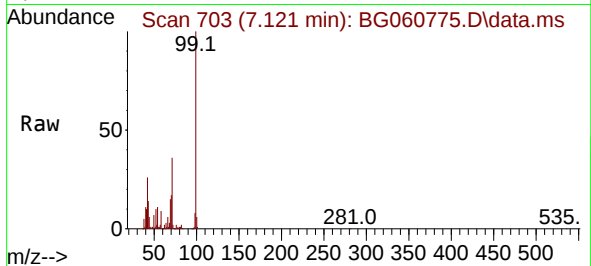




#7
Phenol-d6
Concen: 97.652 ng
RT: 7.121 min Scan# 70
Delta R.T. 0.005 min
Lab File: BG060775.D
Acq: 4 Apr 2024 12:49

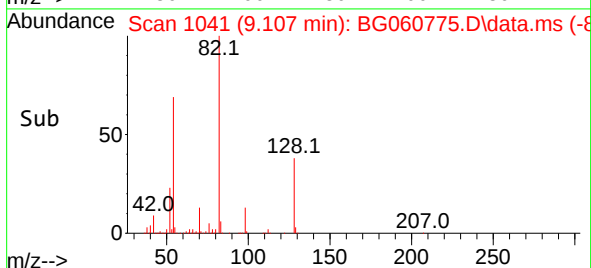
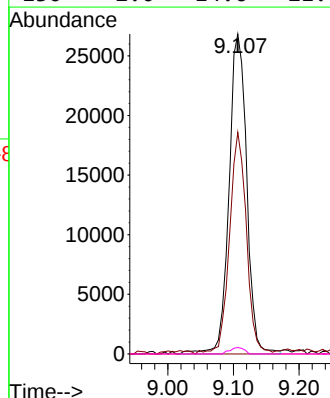
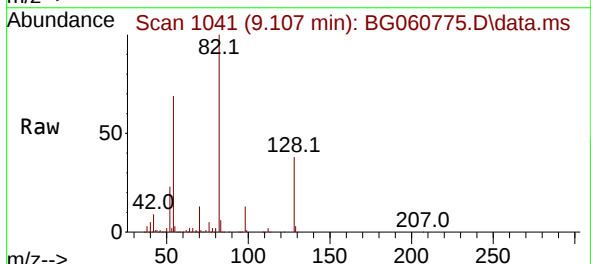
Instrument :
BNA_G
ClientSampleId :
WC-A-COMP

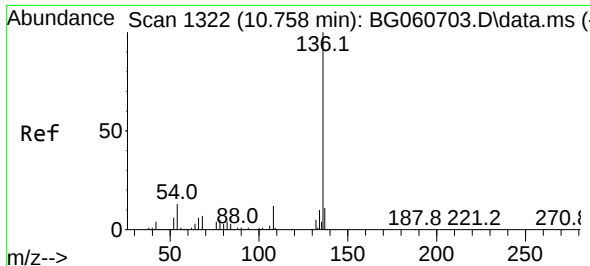
Tgt Ion: 99 Resp: 549754
Ion Ratio Lower Upper
99 100
42 26.4 19.4 29.2
71 36.3 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.717 ng
RT: 9.107 min Scan# 1041
Delta R.T. 0.341 min
Lab File: BG060775.D
Acq: 4 Apr 2024 12:49

Tgt Ion: 70 Resp: 50305
Ion Ratio Lower Upper
70 100
42 69.3 68.4 102.6
101 0.0 6.1 9.1#
130 2.0 14.6 21.8#

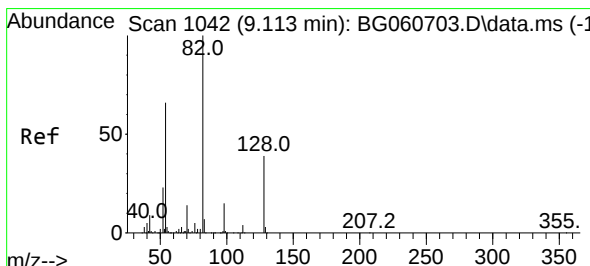
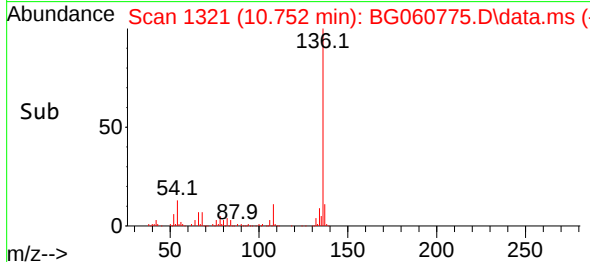
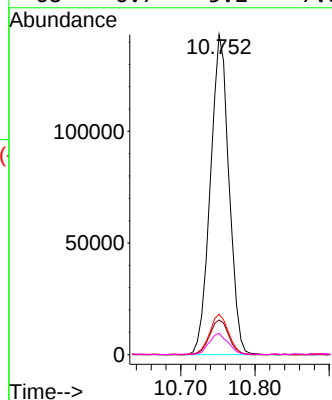
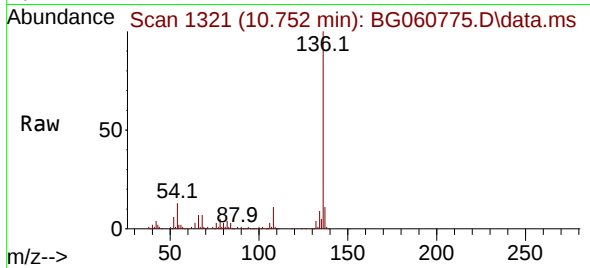




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060775.D
Acq: 4 Apr 2024 12:49

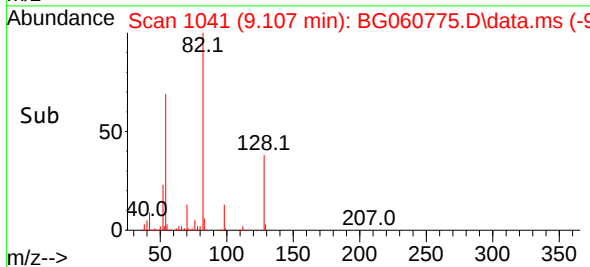
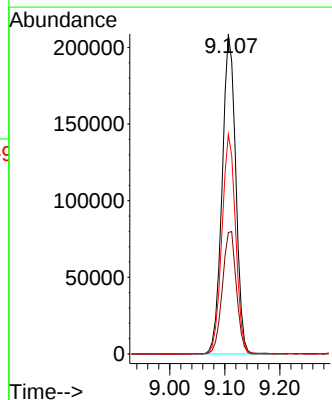
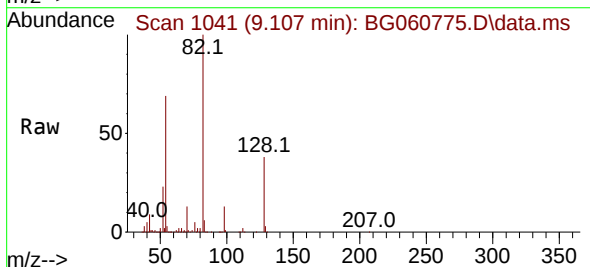
Instrument :
BNA_G
ClientSampleId :
WC-A-COMP

Tgt Ion:136 Resp: 249399
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 12.6 10.2 15.2
68 6.7 5.2 7.8



#23
Nitrobenzene-d5
Concen: 82.028 ng
RT: 9.107 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BG060775.D
Acq: 4 Apr 2024 12:49

Tgt Ion: 82 Resp: 358521
Ion Ratio Lower Upper
82 100
128 38.0 31.2 46.8
54 68.6 53.2 79.8

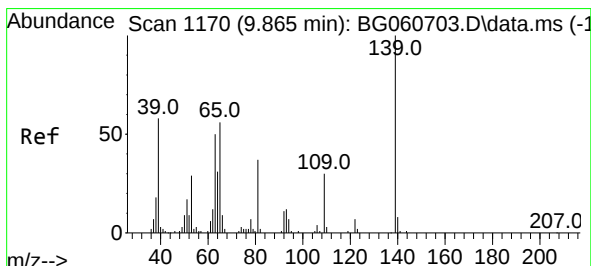
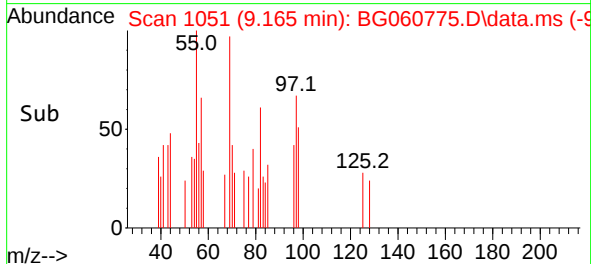
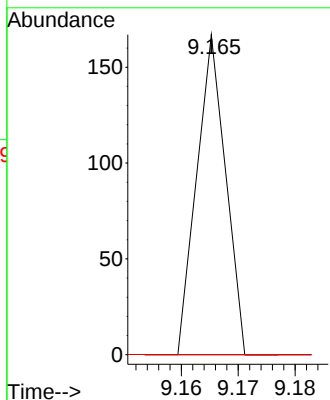
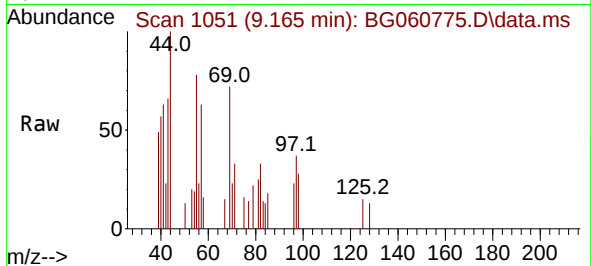




#24
Nitrobenzene
Concen: 2.784 ng
RT: 9.165 min Scan# 1049
Delta R.T. 0.011 min
Lab File: BG060775.D
Acq: 4 Apr 2024 12:49

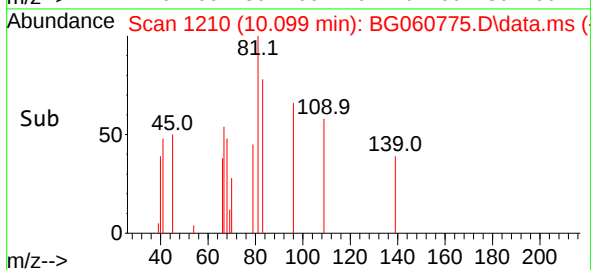
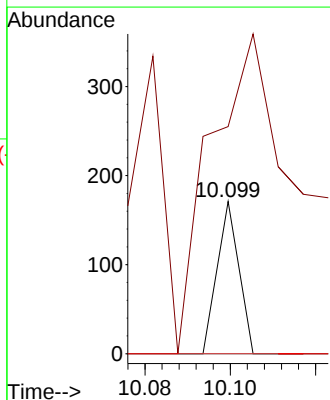
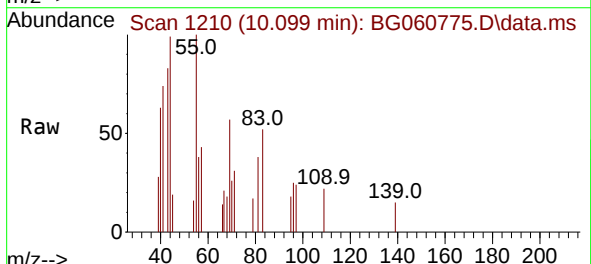
Instrument :
BNA_G
ClientSampleId :
WC-A-COMP

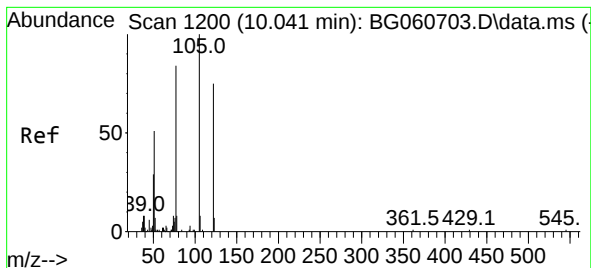
Tgt Ion: 77 Resp: 59
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#



#26
2-Nitrophenol
Concen: 2.999 ng
RT: 10.099 min Scan# 1210
Delta R.T. 0.234 min
Lab File: BG060775.D
Acq: 4 Apr 2024 12:49

Tgt Ion: 139 Resp: 60
Ion Ratio Lower Upper
139 100
109 149.1 23.9 35.9#
65 0.0 44.5 66.7#





#32

Benzoic acid

Concen: 6.897 ng

RT: 10.029 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BG060775.D

Acq: 4 Apr 2024 12:49

Instrument :

BNA_G

ClientSampleId :

WC-A-COMP

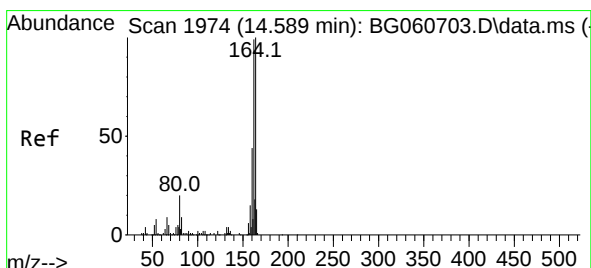
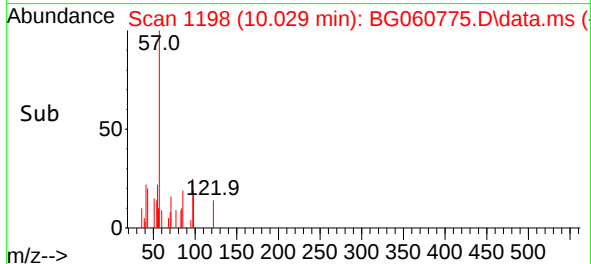
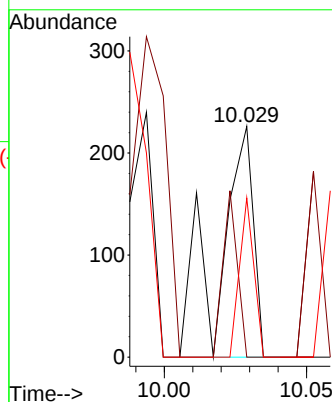
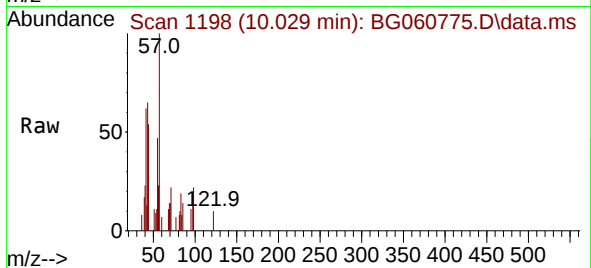
Tgt Ion:122 Resp: 191

Ion Ratio Lower Upper

122 100

105 0.0 104.5 144.5#

77 69.0 85.3 125.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.582 min Scan# 1973

Delta R.T. -0.007 min

Lab File: BG060775.D

Acq: 4 Apr 2024 12:49

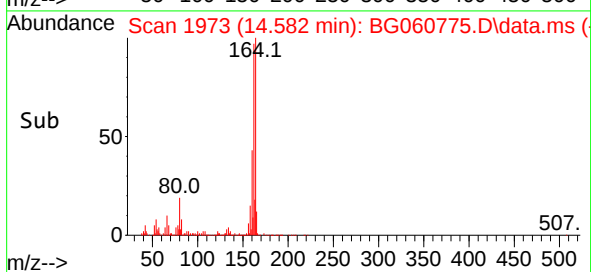
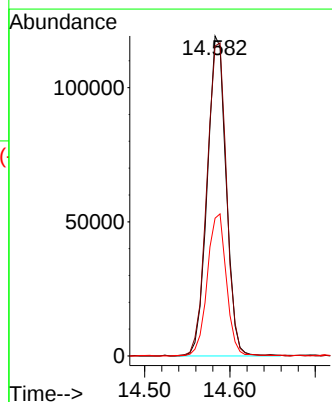
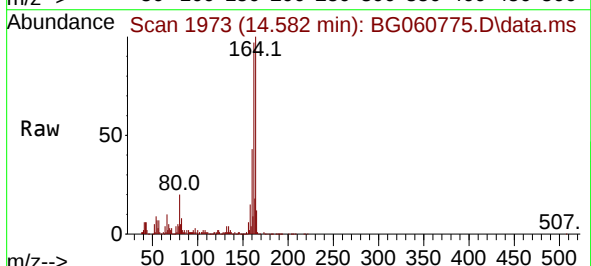
Tgt Ion:164 Resp: 183734

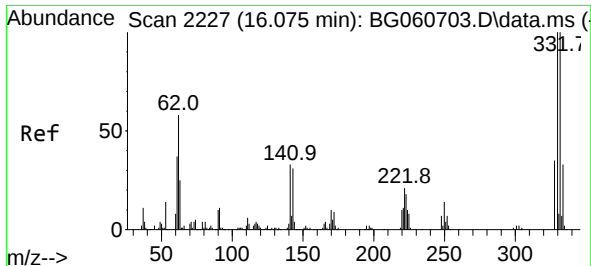
Ion Ratio Lower Upper

164 100

162 96.8 79.5 119.3

160 43.1 35.4 53.0

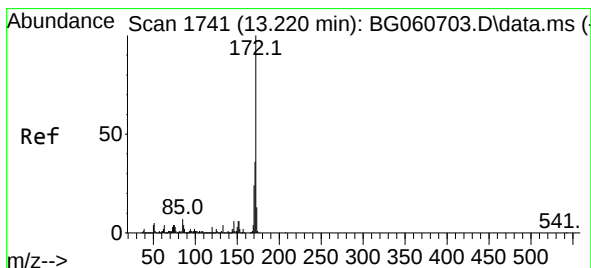
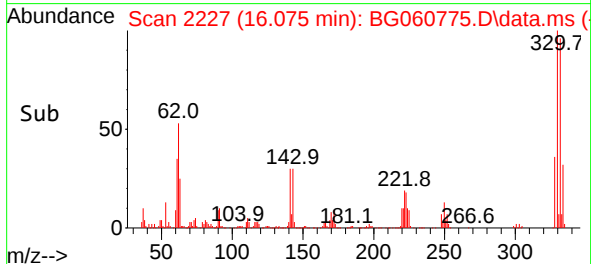
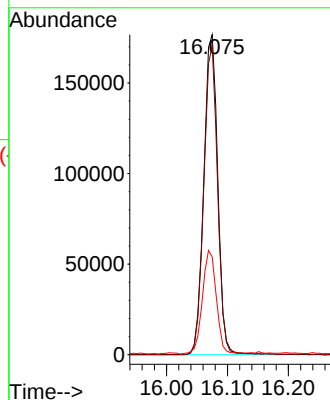
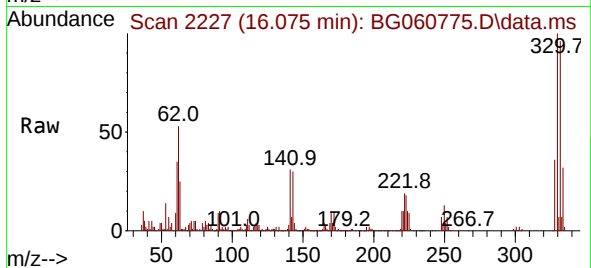




#42
2,4,6-Tribromophenol
Concen: 135.199 ng
RT: 16.075 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060775.D
Acq: 4 Apr 2024 12:49

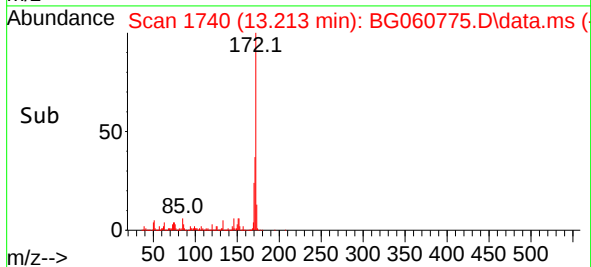
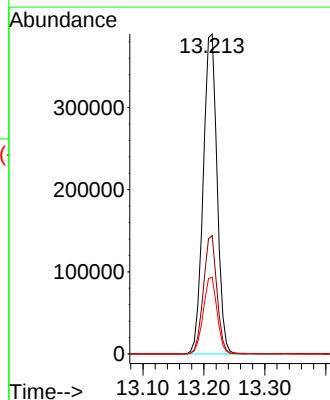
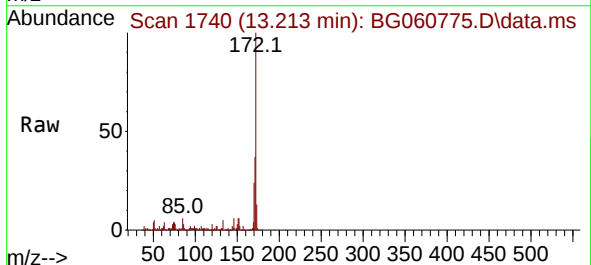
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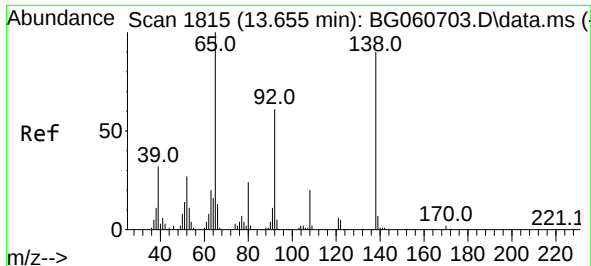
Tgt Ion:330 Resp: 281981
Ion Ratio Lower Upper
330 100
332 94.7 78.2 117.4
141 32.1 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 49.329 ng
RT: 13.213 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG060775.D
Acq: 4 Apr 2024 12:49

Tgt Ion:172 Resp: 617551
Ion Ratio Lower Upper
172 100
171 37.0 28.7 43.1
170 23.9 19.4 29.0

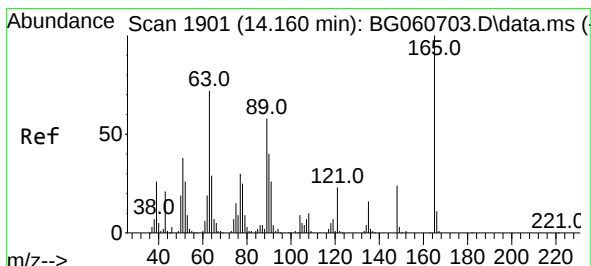
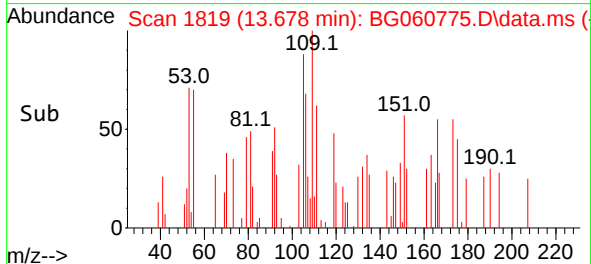
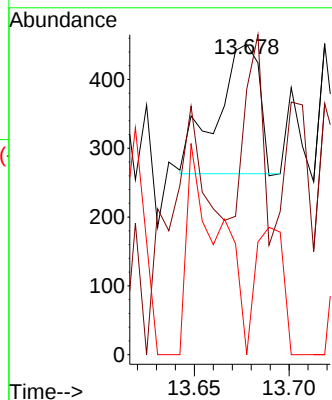
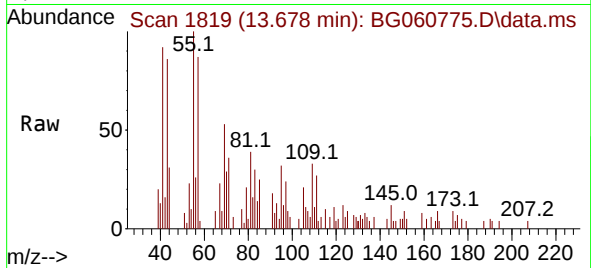




#48
2-Nitroaniline
Concen: 2.887 ng
RT: 13.678 min Scan# 1819
Delta R.T. 0.023 min
Lab File: BG060775.D
Acq: 4 Apr 2024 12:49

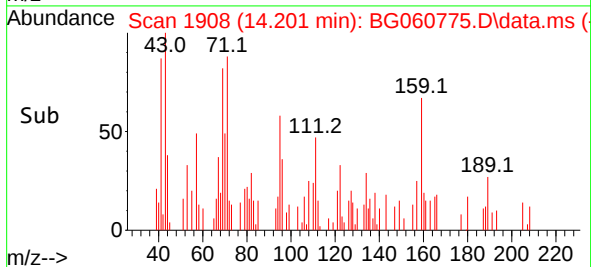
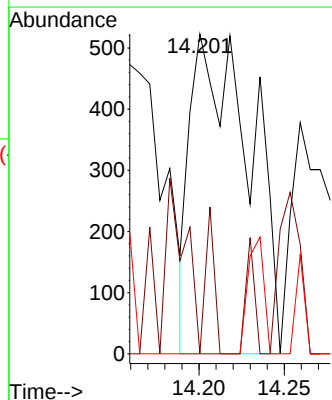
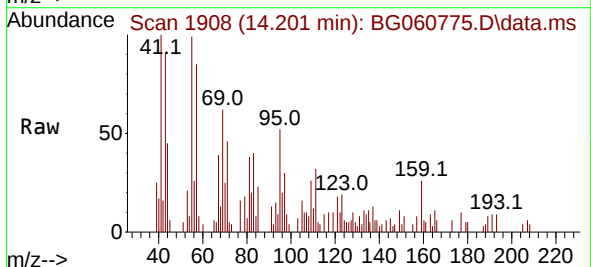
Instrument :
BNA_G
ClientSampleId :
WC-A-COMP

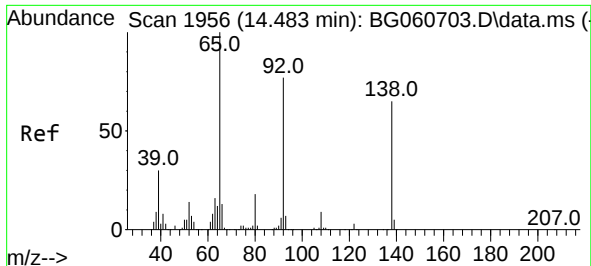
Tgt Ion: 65 Resp: 292
Ion Ratio Lower Upper
65 100
92 85.6 48.6 72.8#
138 0.0 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 3.945 ng
RT: 14.201 min Scan# 1908
Delta R.T. 0.041 min
Lab File: BG060775.D
Acq: 4 Apr 2024 12:49

Tgt Ion: 165 Resp: 1264
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.4#
89 0.0 46.1 69.1#

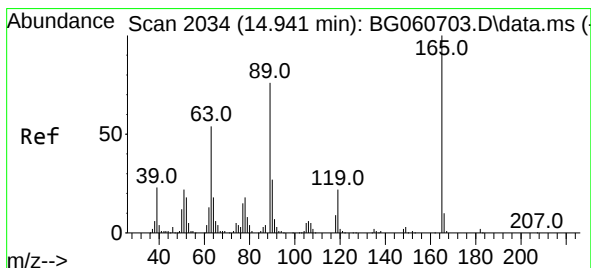
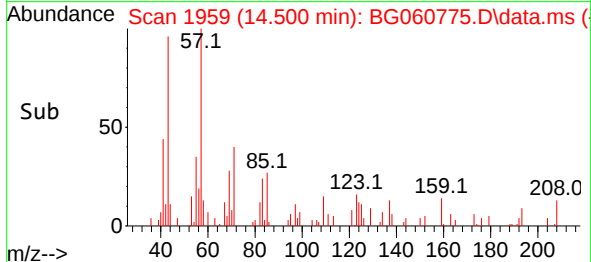
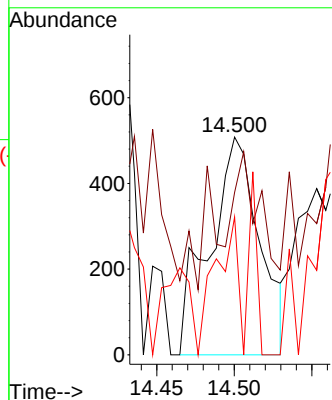
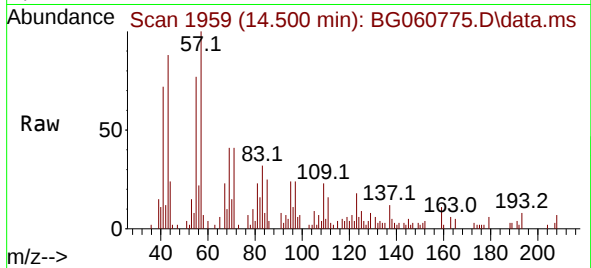




#53
3-Nitroaniline
Concen: 3.228 ng
RT: 14.500 min Scan# 1959
Delta R.T. 0.017 min
Lab File: BG060775.D
Acq: 4 Apr 2024 12:49

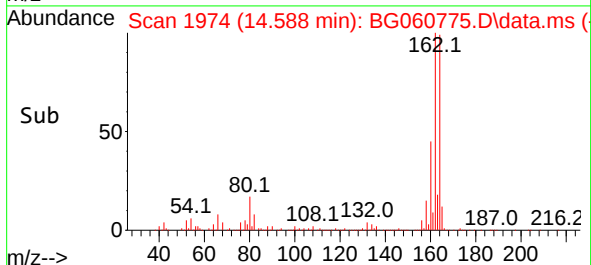
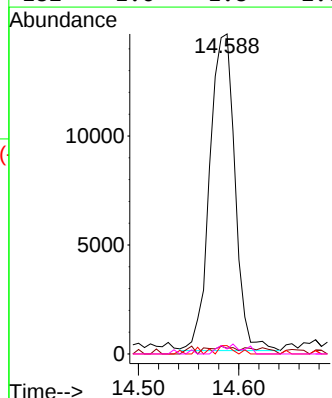
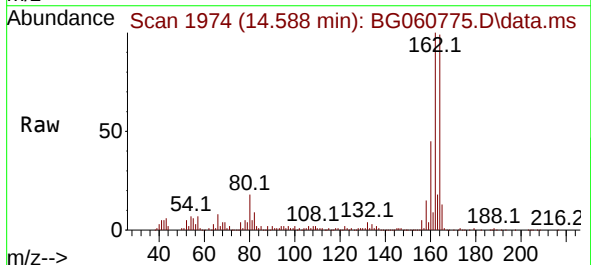
Instrument :
BNA_G
ClientSampleId :
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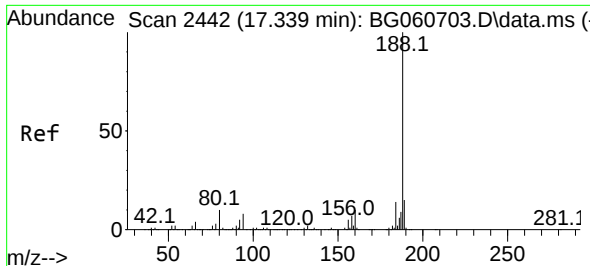
Tgt Ion:138 Resp: 1144
Ion Ratio Lower Upper
138 100
108 74.6 11.3 16.9#
92 63.4 94.1 141.1#



#57
2,4-Dinitrotoluene
Concen: 10.538 ng
RT: 14.588 min Scan# 1974
Delta R.T. -0.353 min
Lab File: BG060775.D
Acq: 4 Apr 2024 12:49

Tgt Ion:165 Resp: 25394
Ion Ratio Lower Upper
165 100
63 1.8 43.4 65.0#
89 2.6 61.0 91.6#
182 1.6 1.8 2.6#

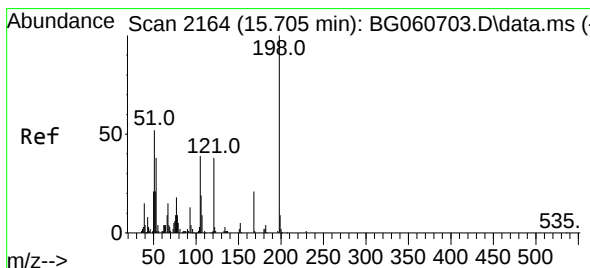
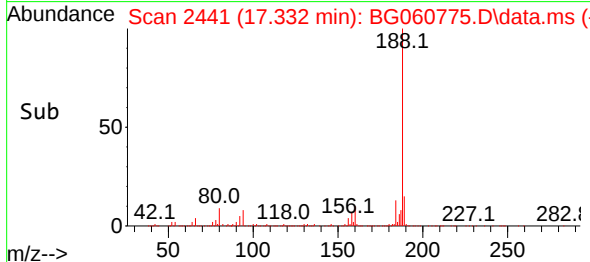
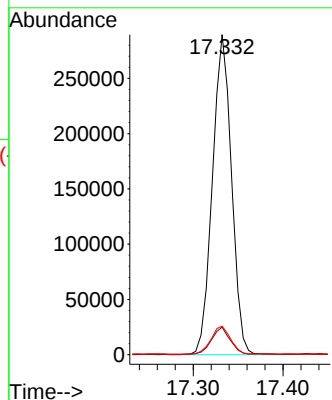
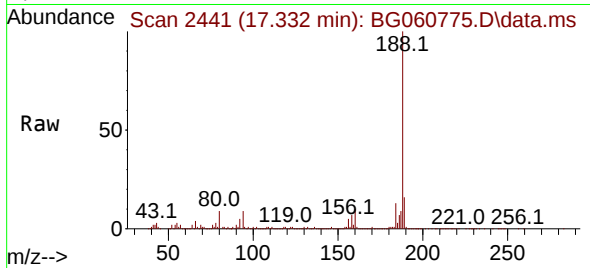




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.332 min Scan# 2441
Delta R.T. -0.007 min
Lab File: BG060775.D
Acq: 4 Apr 2024 12:49

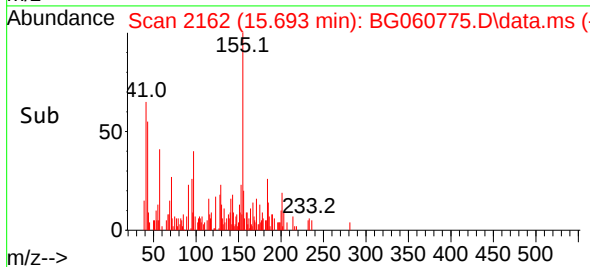
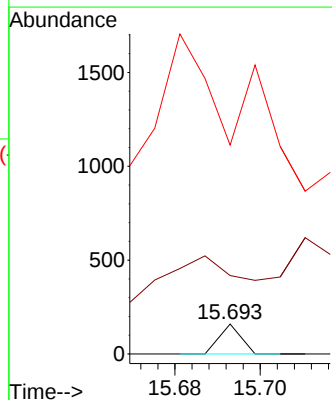
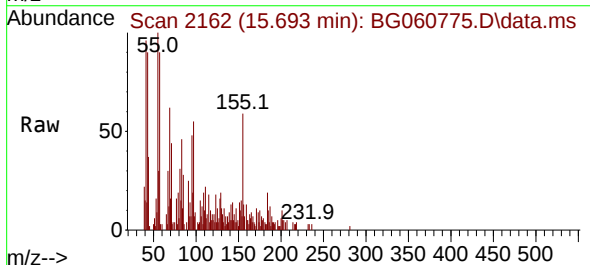
Instrument :
BNA_G
ClientSampleId :
WC-A-COMP

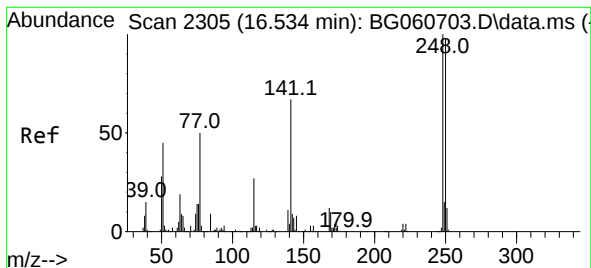
Tgt Ion:188 Resp: 427523
Ion Ratio Lower Upper
188 100
94 8.6 6.6 9.8
80 8.9 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.061 ng
RT: 15.693 min Scan# 2162
Delta R.T. -0.012 min
Lab File: BG060775.D
Acq: 4 Apr 2024 12:49

Tgt Ion:198 Resp: 56
Ion Ratio Lower Upper
198 100
51 261.3 36.7 76.7#
105 695.6 19.1 59.1#

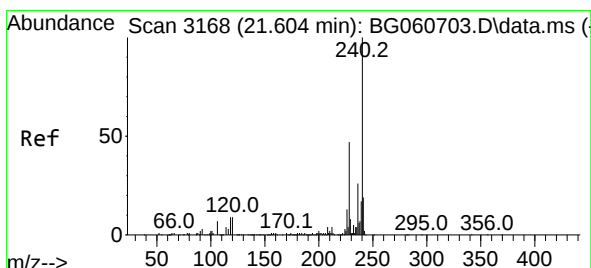
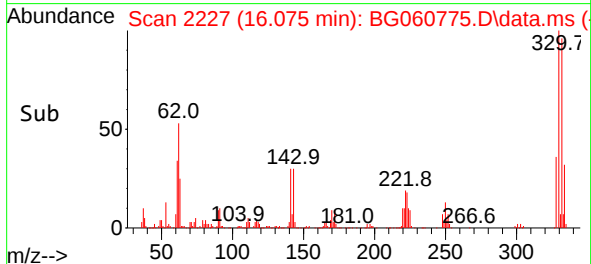
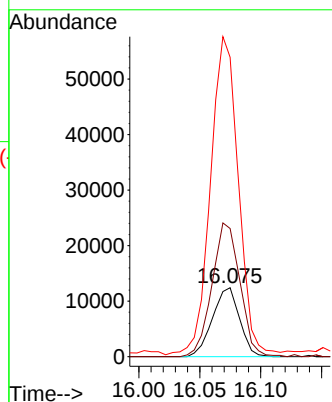
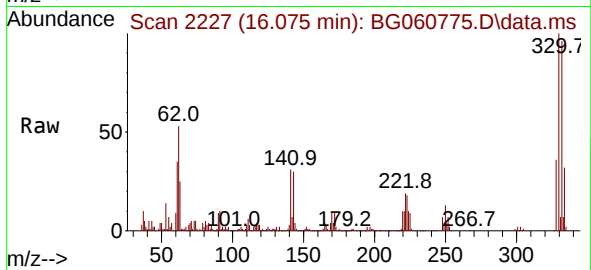




#67
4-Bromophenyl-phenylether
Concen: 4.426 ng
RT: 16.075 min Scan# 21
Delta R.T. -0.459 min
Lab File: BG060775.D
Acq: 4 Apr 2024 12:49

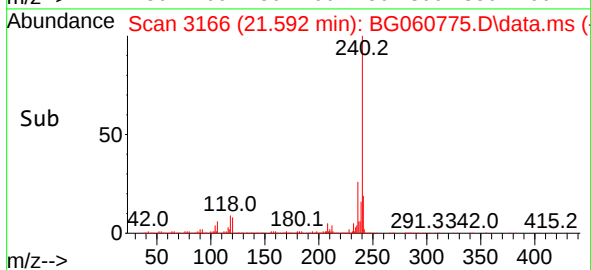
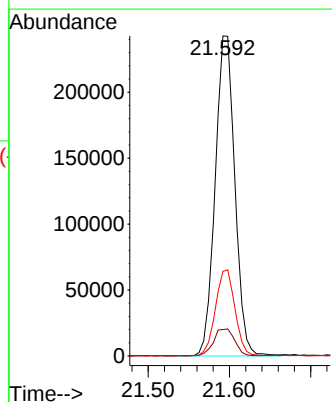
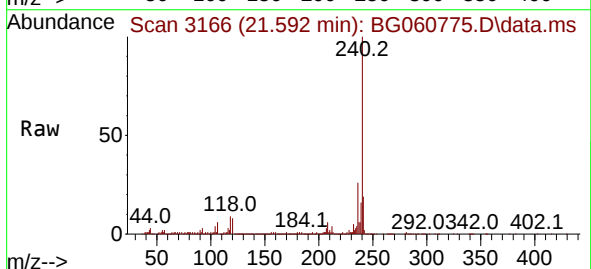
Instrument :
BNA_G
ClientSampleId :
WC-A-COMP

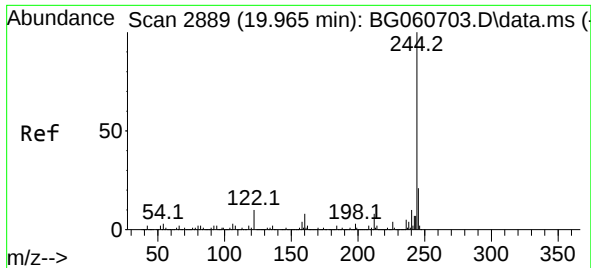
Tgt Ion:248 Resp: 19203
Ion Ratio Lower Upper
248 100
250 186.0 78.3 117.5#
141 434.5 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG060775.D
Acq: 4 Apr 2024 12:49

Tgt Ion:240 Resp: 408877
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 26.5 20.7 31.1

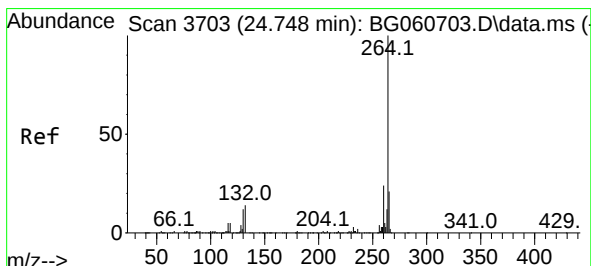
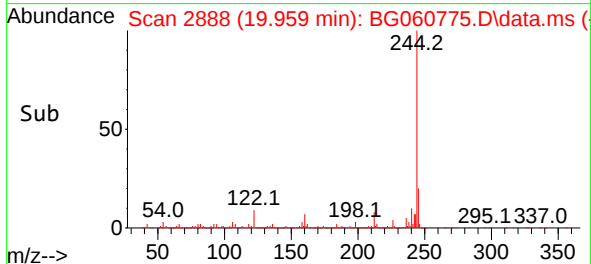
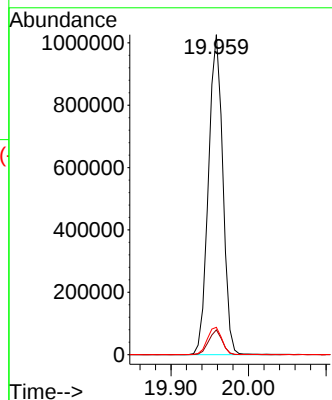
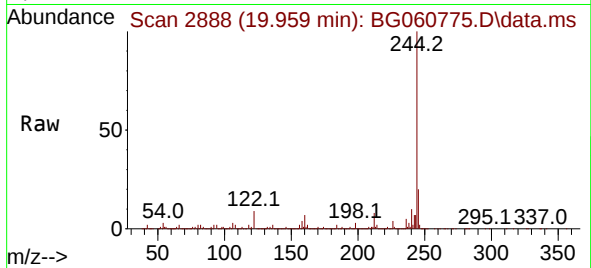




#79
 Terphenyl-d14
 Concen: 56.903 ng
 RT: 19.959 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG060775.D
 Acq: 4 Apr 2024 12:49

Instrument :
 BNA_G
 ClientSampleId :
 WC-A-COMP

Tgt Ion:244 Resp: 1321319
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 8.5 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.741 min Scan# 3702
 Delta R.T. -0.006 min
 Lab File: BG060775.D
 Acq: 4 Apr 2024 12:49

Tgt Ion:264 Resp: 491772
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 21.7 16.9 25.3

