

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
 Data File : BG060813.D
 Acq On : 6 Apr 2024 16:13
 Operator : MA/JU
 Sample : P1996-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 08 02:07:48 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)

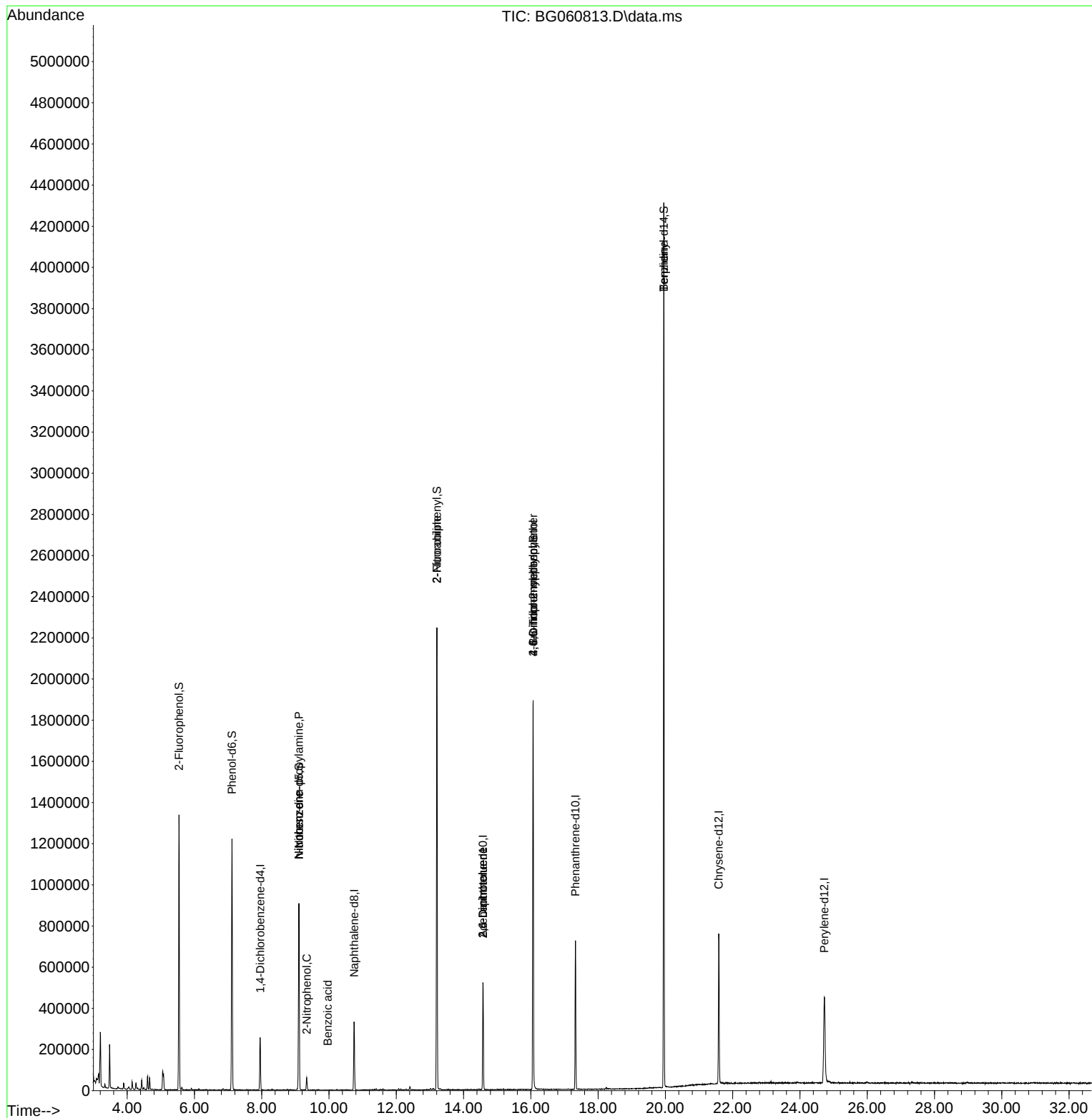
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	68844	20.000	ng	0.00
21) Naphthalene-d8	10.747	136	264203	20.000	ng	-0.01
39) Acenaphthene-d10	14.578	164	194772	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	452045	20.000	ng	-0.01
76) Chrysene-d12	21.587	240	437953	20.000	ng	-0.02
86) Perylene-d12	24.725	264	501567	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.541	112	498955	120.737	ng	0.00
7) Phenol-d6	7.116	99	628798	102.505	ng	0.00
23) Nitrobenzene-d5	9.108	82	501807	108.378	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	392455	177.503	ng	0.00
45) 2-Fluorobiphenyl	13.209	172	1189109	89.601	ng	-0.01
79) Terphenyl-d14	19.954	244	2182869	87.764	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.108	70	68047	14.546	ng	# 75
24) Nitrobenzene	9.108	77	1774	3.097	ng	# 45
26) 2-Nitrophenol	9.343	139	433	3.222	ng	# 31
32) Benzoic acid	9.966	122	60	6.854	ng	# 36
48) 2-Nitroaniline	13.209	65	2306	3.509	ng	# 19
51) 2,6-Dinitrotoluene	14.578	165	25437	12.050	ng	# 18
57) 2,4-Dinitrotoluene	14.578	165	25437	10.139	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.070	198	1289	7.624	ng	# 1
67) 4-Bromophenyl-phenylether	16.070	248	26642	5.807	ng	# 1
77) Benzidine	19.954	184	34162	2.962	ng	# 92

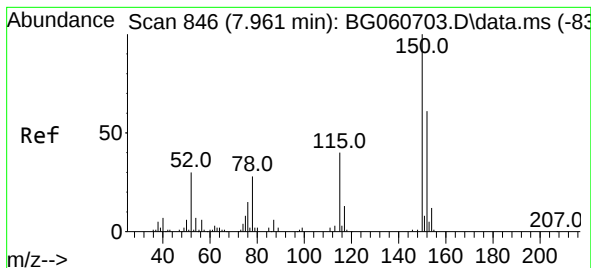
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
Data File : BG060813.D
Acq On : 6 Apr 2024 16:13
Operator : MA/JU
Sample : P1996-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 08 02:07:48 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.956 min Scan# 84

Delta R.T. -0.005 min

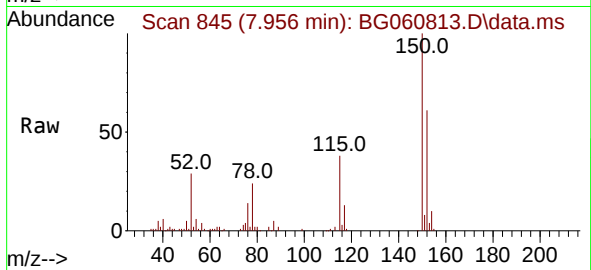
Lab File: BG060813.D

Acq: 6 Apr 2024 16:13

Instrument :

BNA_G

ClientSampleId :



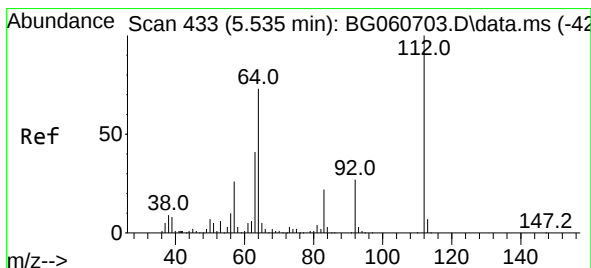
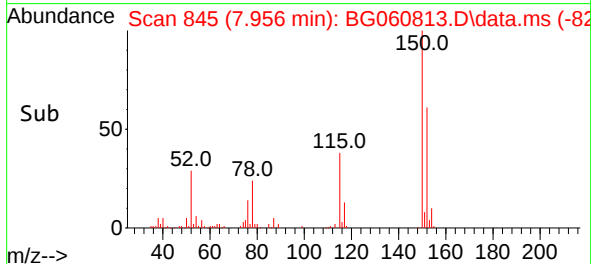
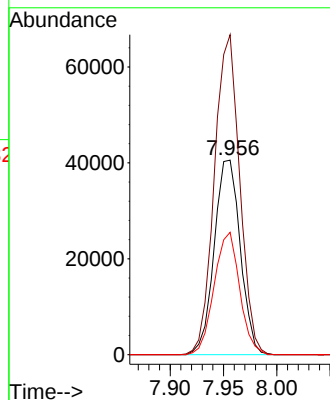
Tgt Ion:152 Resp: 68844

Ion Ratio Lower Upper

152 100

150 164.5 130.2 195.4

115 62.9 51.6 77.4



#5

2-Fluorophenol

Concen: 120.737 ng

RT: 5.541 min Scan# 434

Delta R.T. 0.006 min

Lab File: BG060813.D

Acq: 6 Apr 2024 16:13

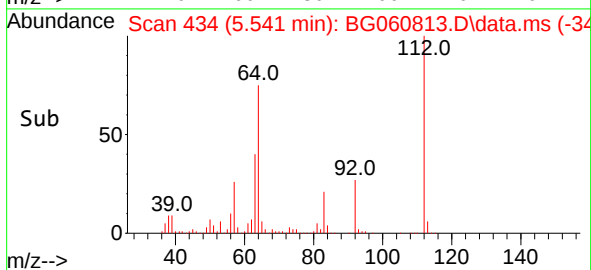
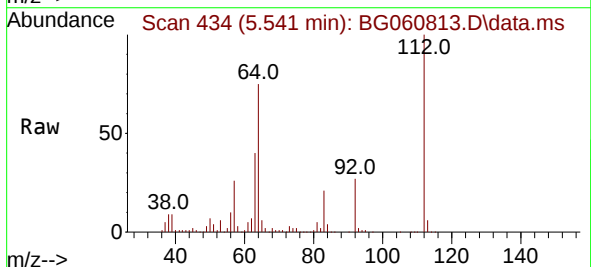
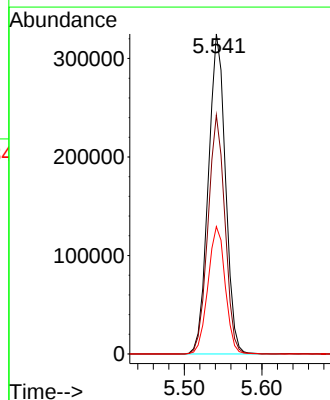
Tgt Ion:112 Resp: 498955

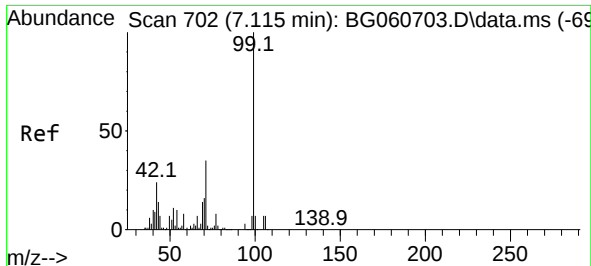
Ion Ratio Lower Upper

112 100

64 74.7 58.4 87.6

63 39.8 32.7 49.1

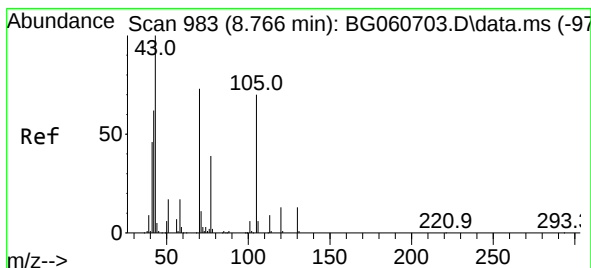
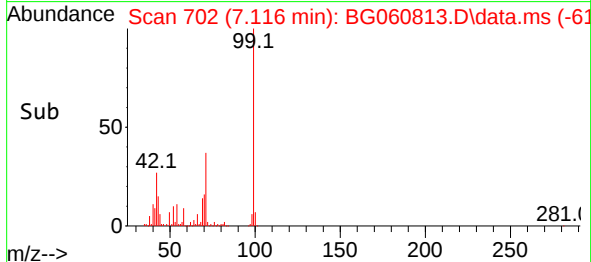
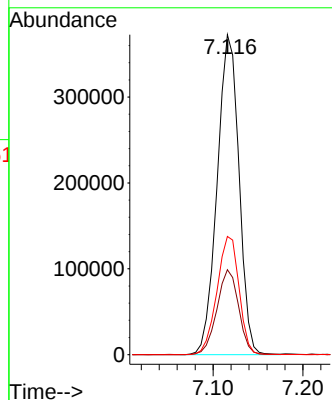
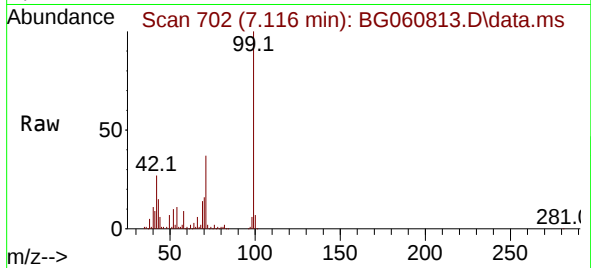




#7
Phenol-d6
Concen: 102.505 ng
RT: 7.116 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

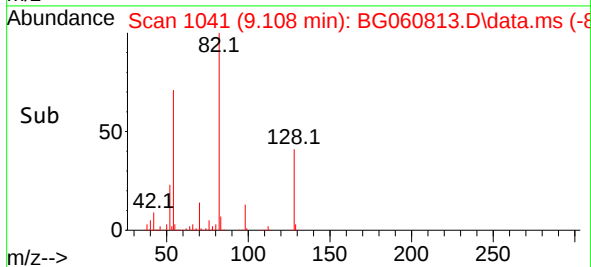
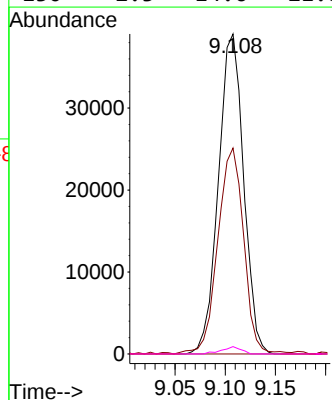
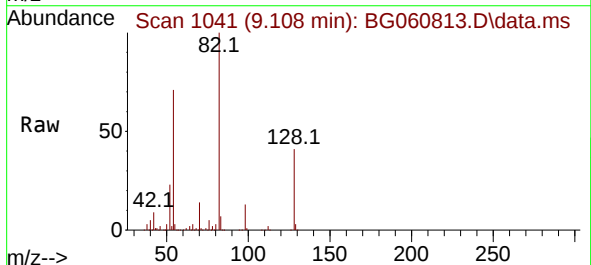
Instrument :
BNA_G
ClientSampleId :

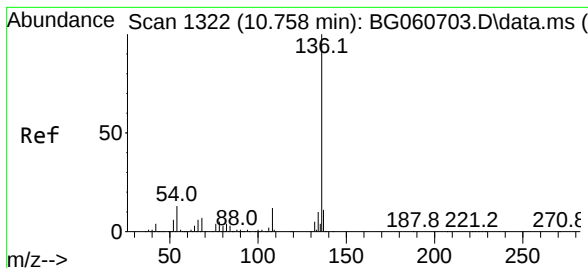
Tgt Ion: 99 Resp: 628798
Ion Ratio Lower Upper
99 100
42 26.6 19.4 29.2
71 36.9 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.546 ng
RT: 9.108 min Scan# 1041
Delta R.T. 0.342 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

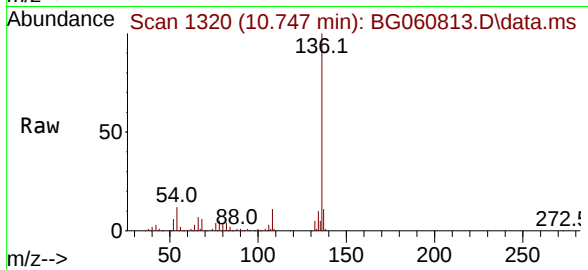
Tgt Ion: 70 Resp: 68047
Ion Ratio Lower Upper
70 100
42 64.4 68.4 102.6#
101 0.0 6.1 9.1#
130 2.3 14.6 21.8#



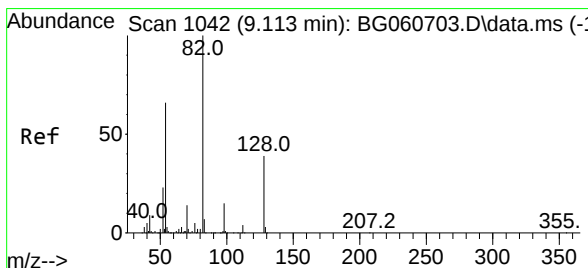
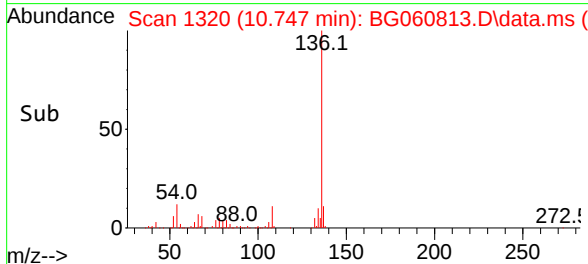
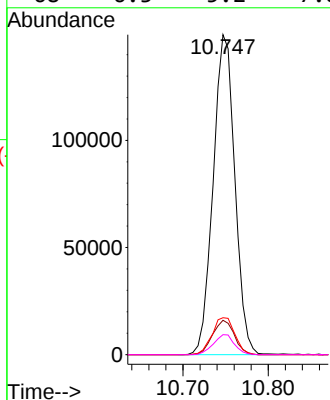


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.747 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

Instrument :
BNA_G
ClientSampleId :

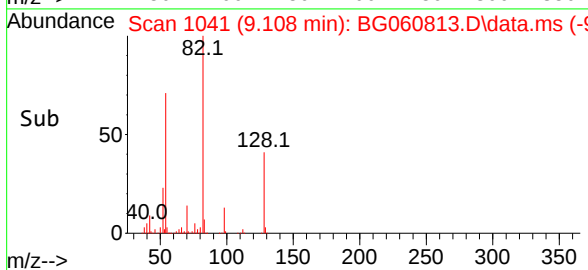
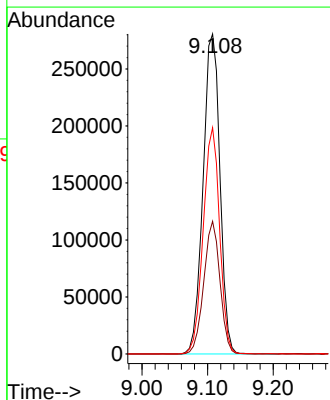
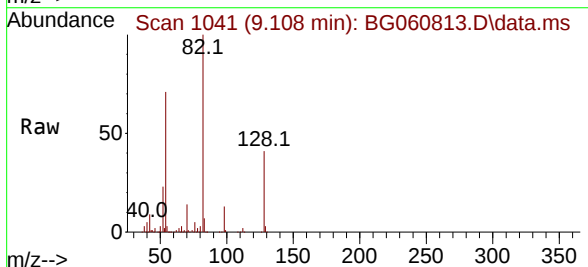


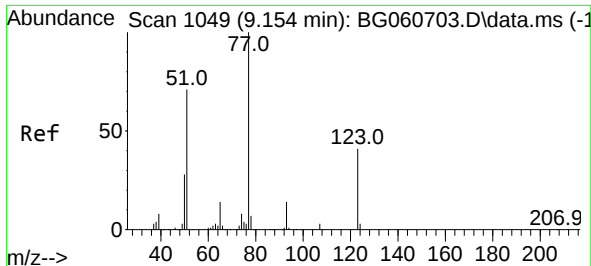
Tgt Ion:	136	Resp:	264203
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	11.6	10.2	15.2
68	6.3	5.2	7.8



#23
Nitrobenzene-d5
Concen: 108.378 ng
RT: 9.108 min Scan# 1041
Delta R.T. -0.005 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

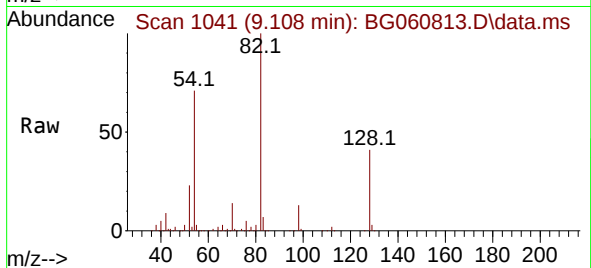
Tgt Ion:	82	Resp:	501807
Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.2	46.8
54	70.7	53.2	79.8



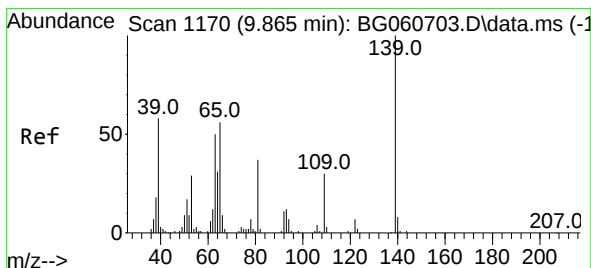
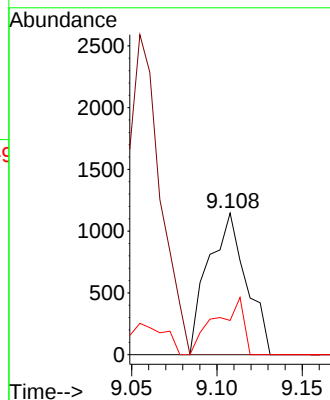
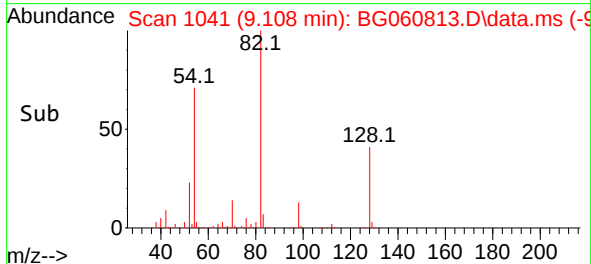


#24
Nitrobenzene
Concen: 3.097 ng
RT: 9.108 min Scan# 1041
Delta R.T. -0.046 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

Instrument :
BNA_G
ClientSampleId :

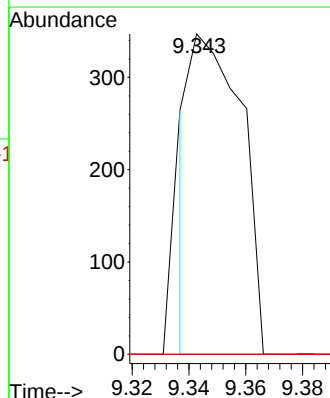
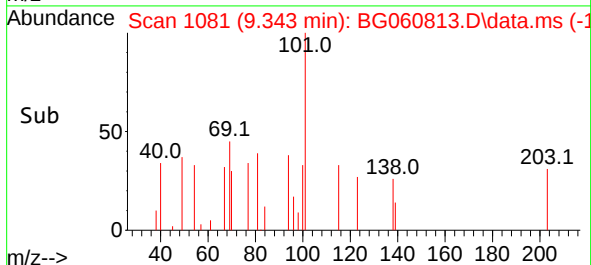
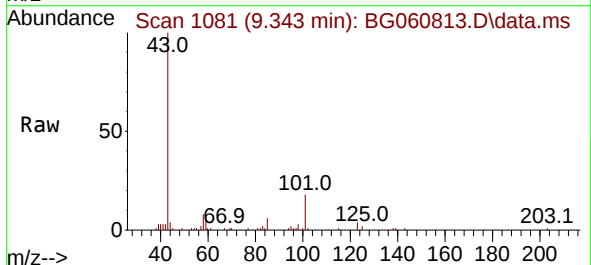


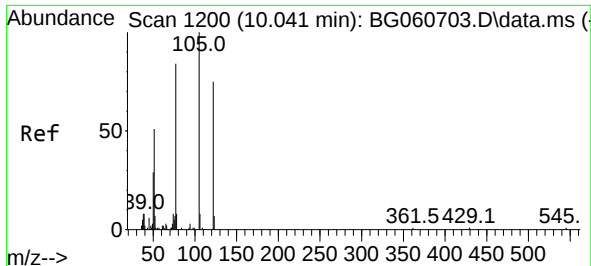
Tgt Ion: 77 Resp: 1774
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 24.2 11.3 16.9#



#26
2-Nitrophenol
Concen: 3.222 ng
RT: 9.343 min Scan# 1081
Delta R.T. -0.522 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

Tgt Ion:139 Resp: 433
Ion Ratio Lower Upper
139 100
109 0.0 23.9 35.9#
65 0.0 44.5 66.7#

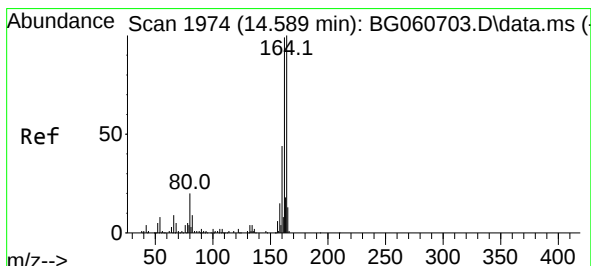
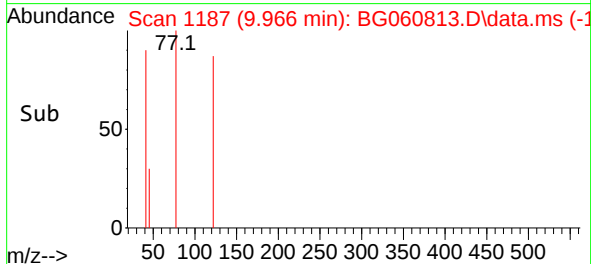
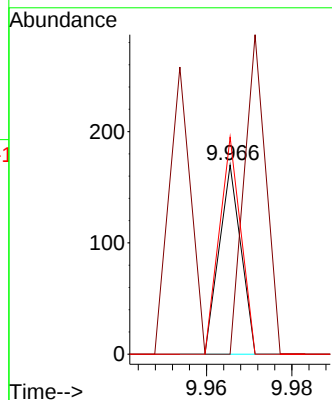
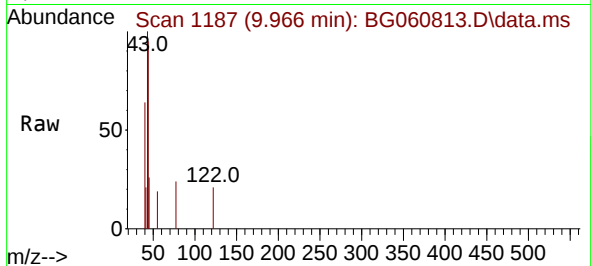




#32
Benzoic acid
Concen: 6.854 ng
RT: 9.966 min Scan# 11
Delta R.T. -0.075 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

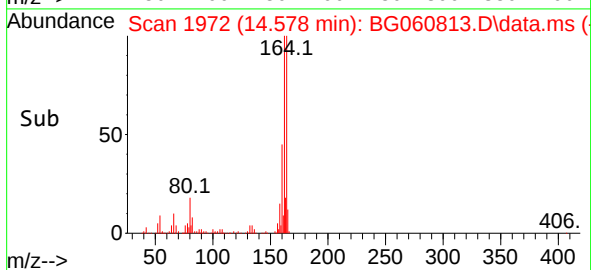
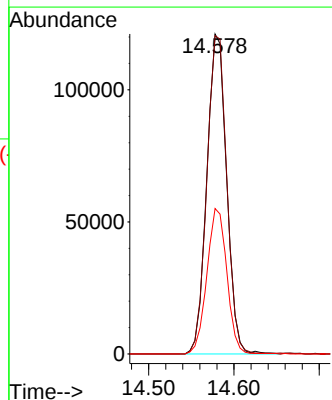
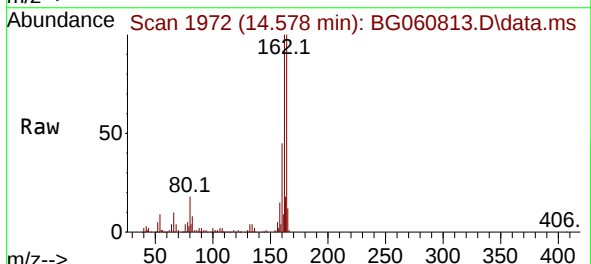
Instrument :
BNA_G
ClientSampleId :

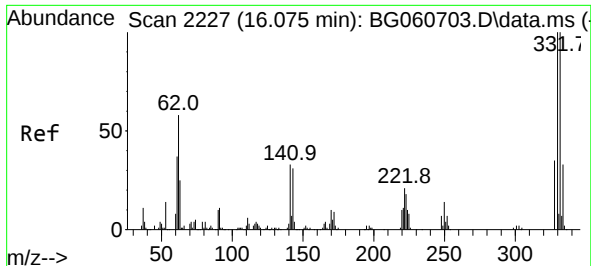
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 104.5 144.5#
77 114.7 85.3 125.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.578 min Scan# 1972
Delta R.T. -0.011 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

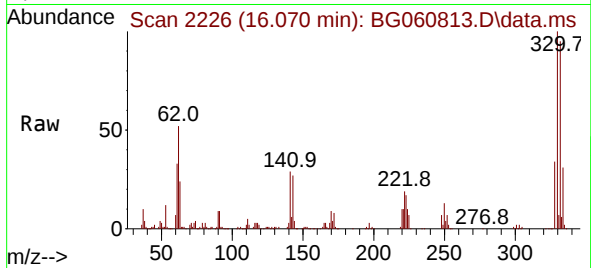
Tgt Ion:164 Resp: 194772
Ion Ratio Lower Upper
164 100
162 99.5 79.5 119.3
160 45.5 35.4 53.0



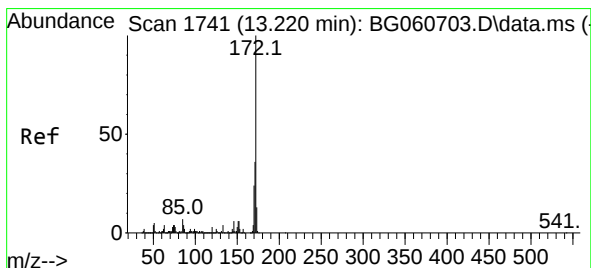
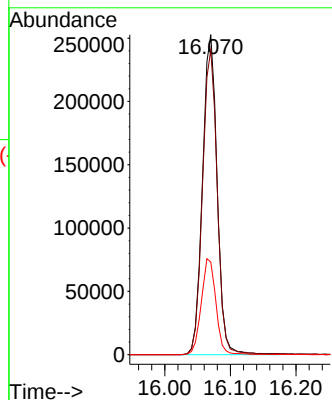
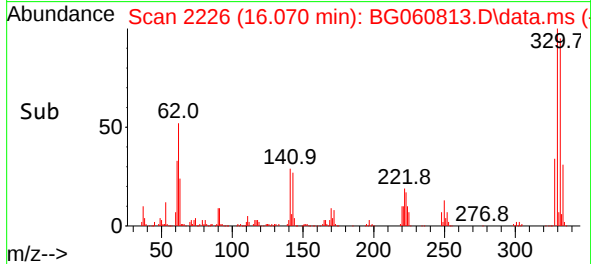


#42
2,4,6-Tribromophenol
Concen: 177.503 ng
RT: 16.070 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

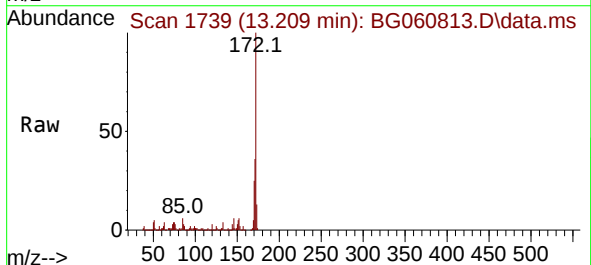
Instrument :
BNA_G
ClientSampleId :



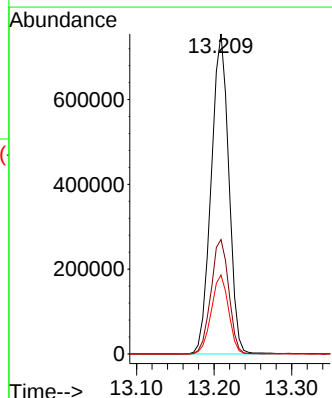
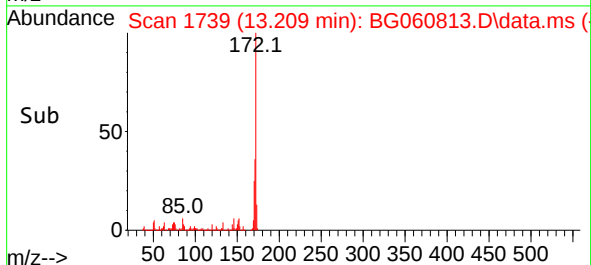
Tgt Ion:330 Resp: 392455
Ion Ratio Lower Upper
330 100
332 95.8 78.2 117.4
141 30.0 27.0 40.6

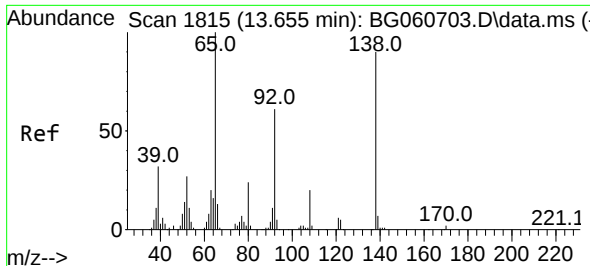


#45
2-Fluorobiphenyl
Concen: 89.601 ng
RT: 13.209 min Scan# 1739
Delta R.T. -0.011 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13



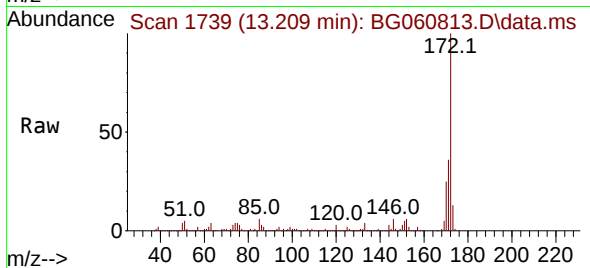
Tgt Ion:172 Resp: 1189109
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 24.6 19.4 29.0



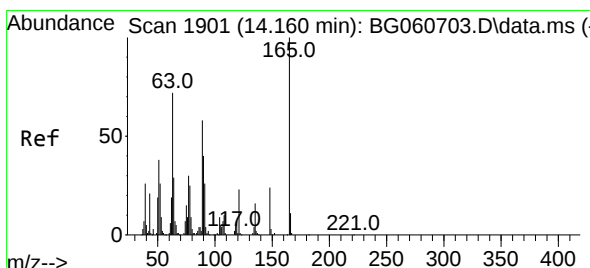
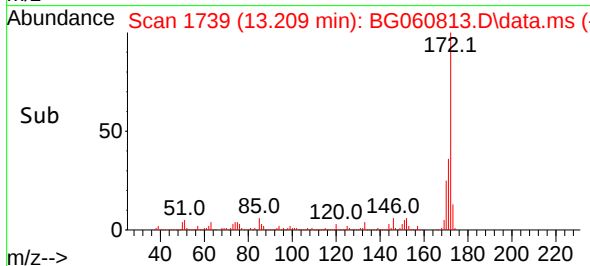
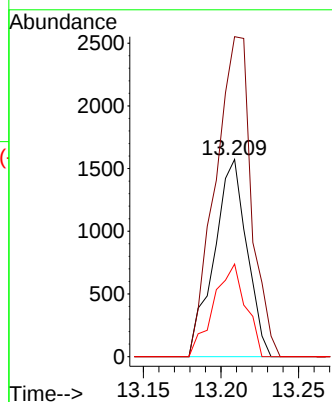


#48
2-Nitroaniline
Concen: 3.509 ng
RT: 13.209 min Scan# 1
Delta R.T. -0.446 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

Instrument :
BNA_G
ClientSampleId :

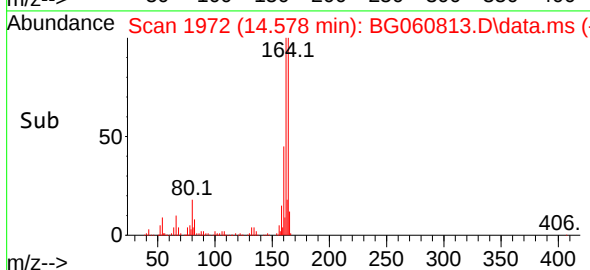
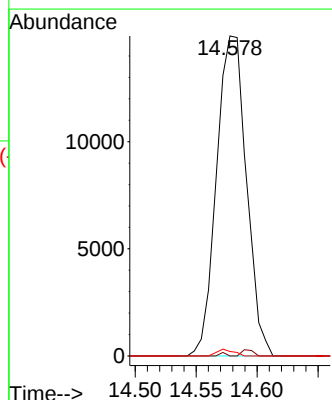
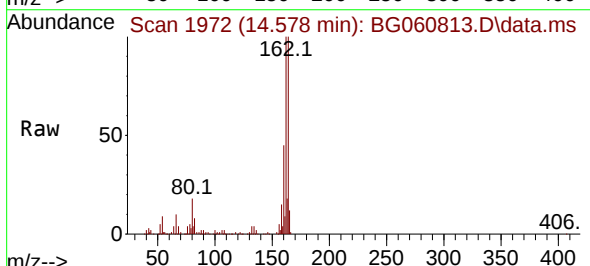


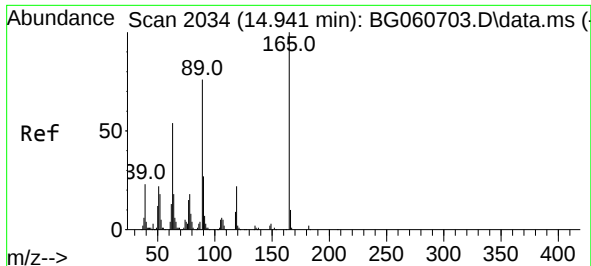
Tgt Ion: 65 Resp: 2306
Ion Ratio Lower Upper
65 100
92 162.2 48.6 72.8#
138 47.0 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 12.050 ng
RT: 14.578 min Scan# 1972
Delta R.T. 0.418 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

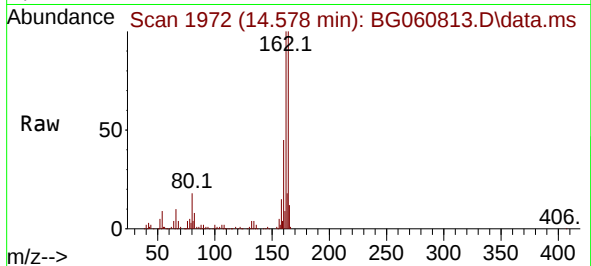
Tgt Ion:165 Resp: 25437
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.4#
89 1.4 46.1 69.1#



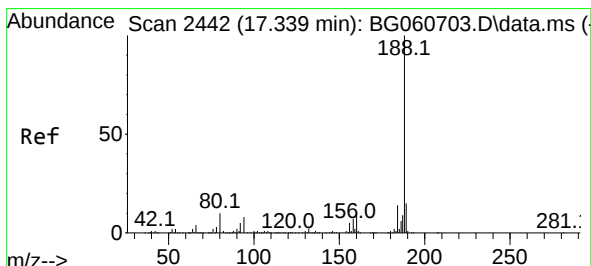
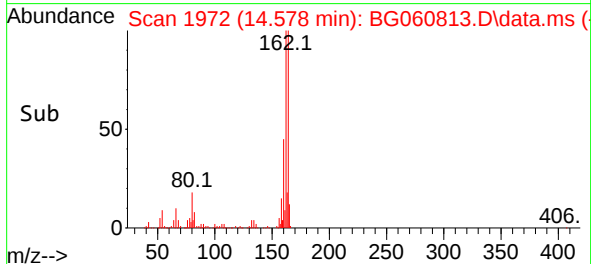
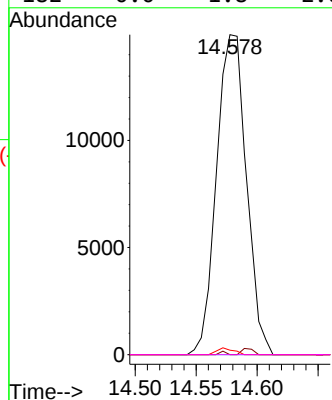


#57
2,4-Dinitrotoluene
Concen: 10.139 ng
RT: 14.578 min Scan# 1972
Delta R.T. -0.363 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

Instrument :
BNA_G
ClientSampleId :

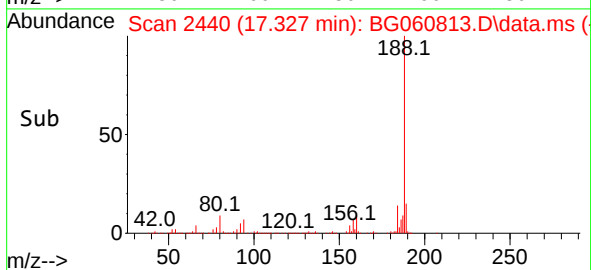
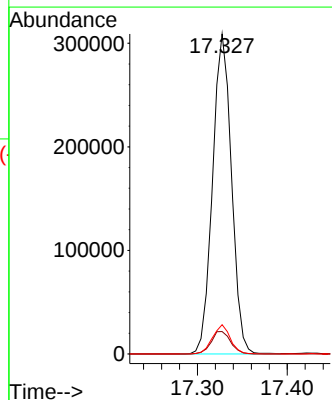
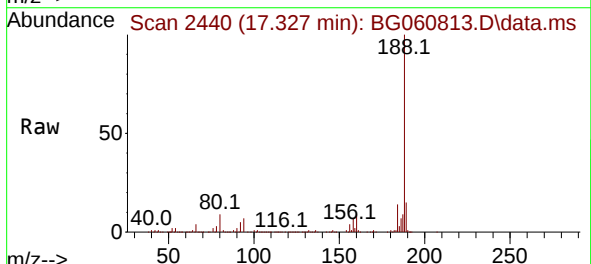


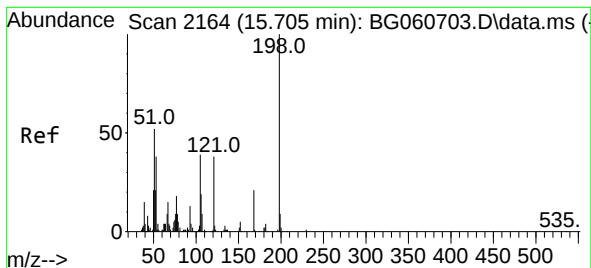
Tgt Ion:165 Resp: 25437
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.0#
89 1.4 61.0 91.6#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2440
Delta R.T. -0.011 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

Tgt Ion:188 Resp: 452045
Ion Ratio Lower Upper
188 100
94 7.0 6.6 9.8
80 9.2 7.6 11.4

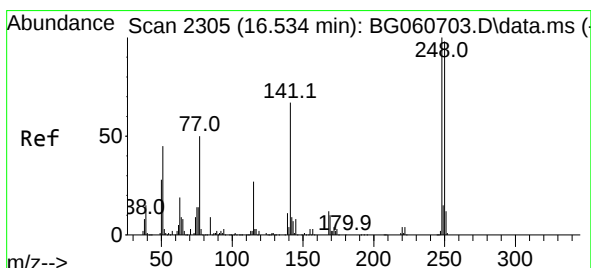
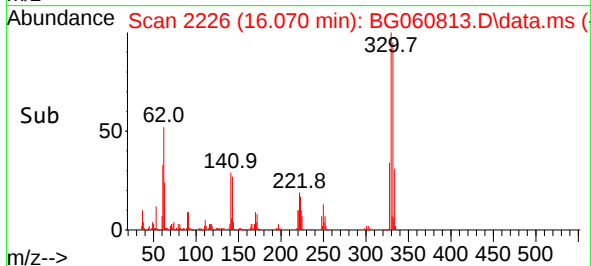
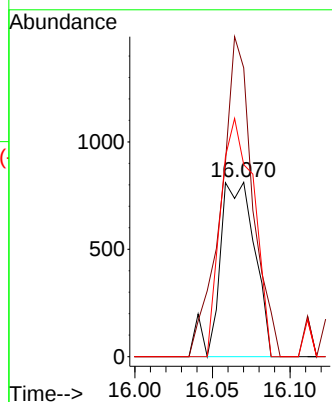
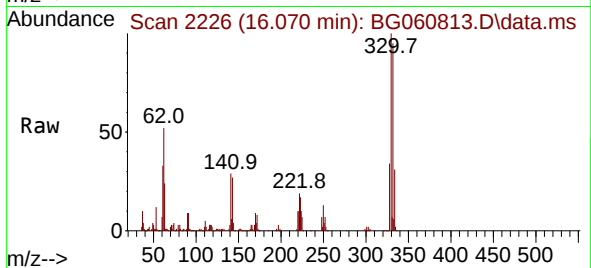




#65
4,6-Dinitro-2-methylphenol
Concen: 7.624 ng
RT: 16.070 min Scan# 2164
Delta R.T. 0.365 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

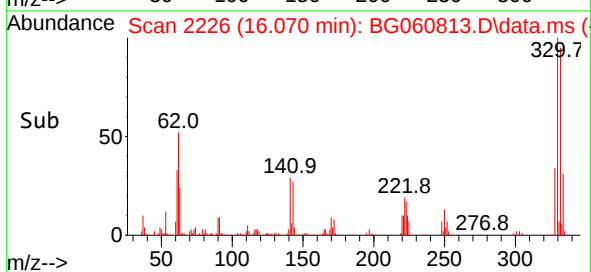
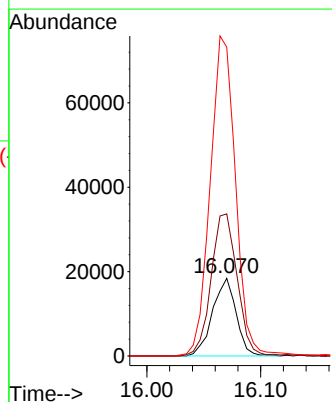
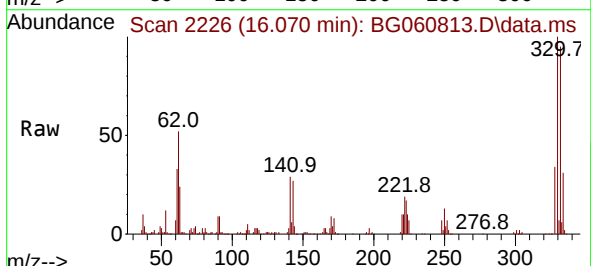
Instrument :
BNA_G
ClientSampleId :

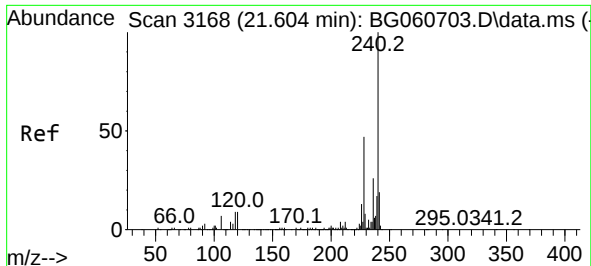
Tgt Ion:198 Resp: 1289
Ion Ratio Lower Upper
198 100
51 165.6 36.7 76.7#
105 110.1 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 5.807 ng
RT: 16.070 min Scan# 2226
Delta R.T. -0.464 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

Tgt Ion:248 Resp: 26642
Ion Ratio Lower Upper
248 100
250 183.1 78.3 117.5#
141 398.0 53.7 80.5#

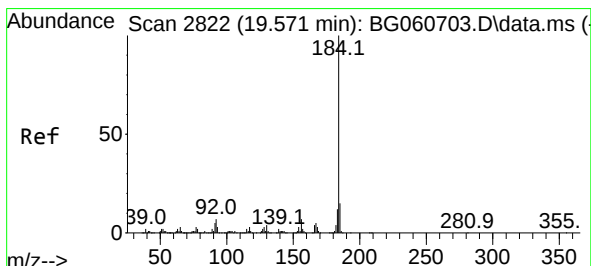
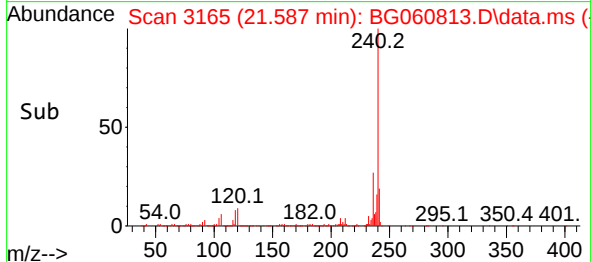
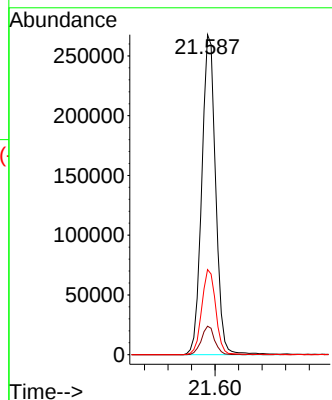
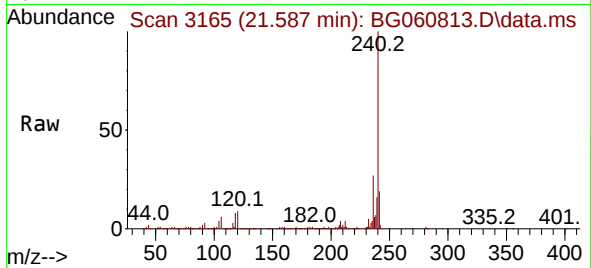




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 3165
Delta R.T. -0.017 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

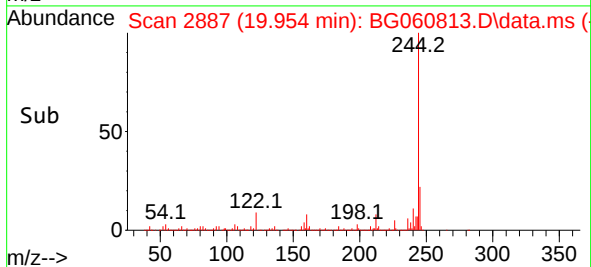
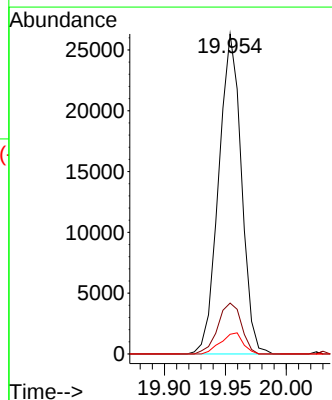
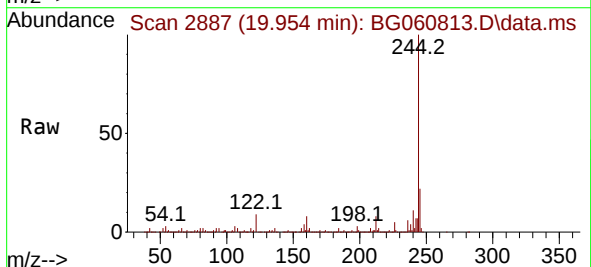
Instrument :
BNA_G
ClientSampleId :

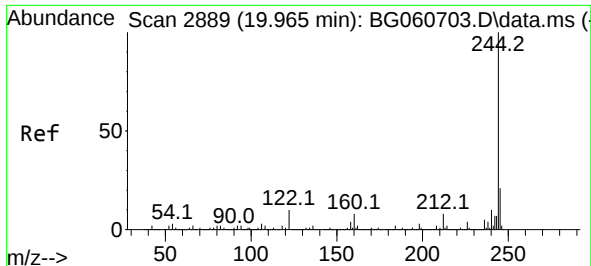
Tgt Ion:240 Resp: 437953
Ion Ratio Lower Upper
240 100
120 8.9 7.1 10.7
236 26.6 20.7 31.1



#77
Benzidine
Concen: 2.962 ng
RT: 19.954 min Scan# 2887
Delta R.T. 0.382 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

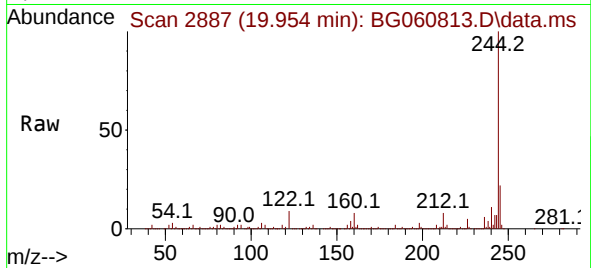
Tgt Ion:184 Resp: 34162
Ion Ratio Lower Upper
184 100
185 15.9 11.8 17.6
183 6.1 9.5 14.3#



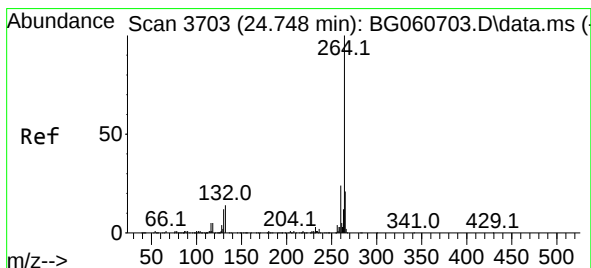
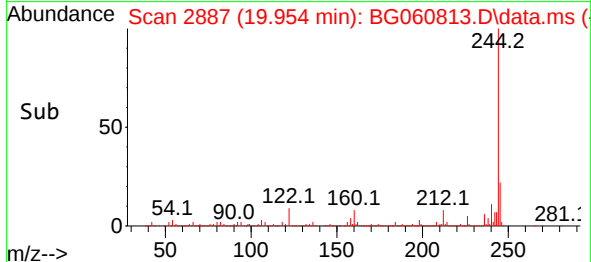
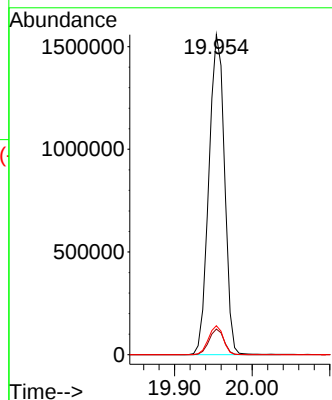


#79
Terphenyl-d14
Concen: 87.764 ng
RT: 19.954 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:244 Resp: 2182869
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 9.0 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.725 min Scan# 3699
Delta R.T. -0.023 min
Lab File: BG060813.D
Acq: 6 Apr 2024 16:13

Tgt Ion:264 Resp: 501567
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 21.8 16.9 25.3

