

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
 Data File : BG060875.D
 Acq On : 12 Apr 2024 15:38
 Operator : MA/JU
 Sample : P2070-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Apr 12 16:33:40 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)

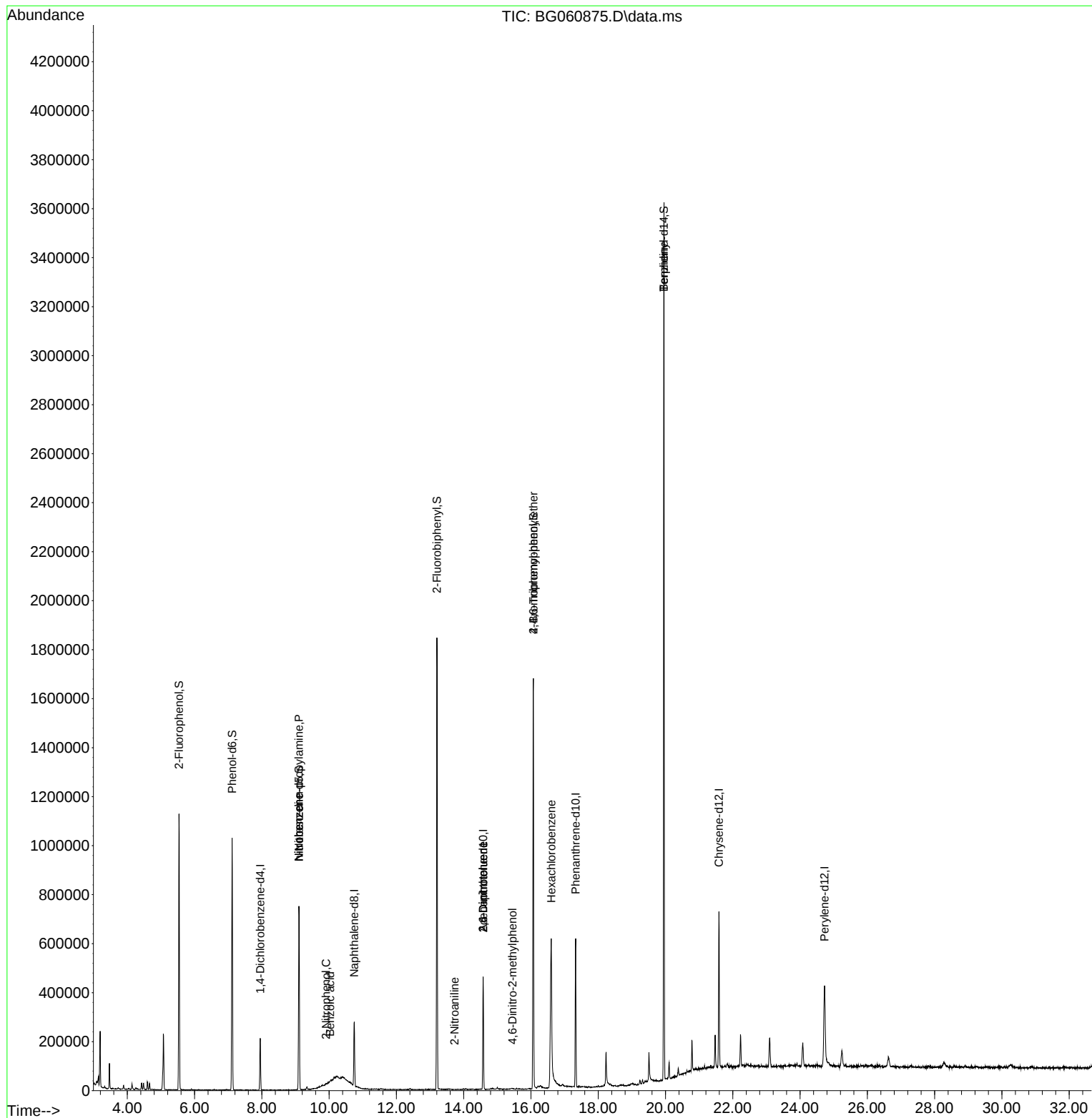
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	57210	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	210860	20.000	ng	0.00
39) Acenaphthene-d10	14.579	164	163868	20.000	ng	0.00
64) Phenanthrene-d10	17.329	188	388237	20.000	ng	0.00
76) Chrysene-d12	21.589	240	376652	20.000	ng	-0.02
86) Perylene-d12	24.726	264	427791	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	416220	121.198	ng	0.00
7) Phenol-d6	7.118	99	503879	98.845	ng	0.00
23) Nitrobenzene-d5	9.103	82	404433	109.445	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	345509	185.741	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	966182	86.533	ng	-0.02
79) Terphenyl-d14	19.955	244	1852445	86.601	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.103	70	55606	14.304	ng	# 78
24) Nitrobenzene	9.103	77	1365	3.085	ng	# 32
26) 2-Nitrophenol	9.908	139	66	3.010	ng	# 31
32) Benzoic acid	10.032	122	56	6.857	ng	# 1
48) 2-Nitroaniline	13.727	65	59	2.813	ng	# 11
51) 2,6-Dinitrotoluene	14.579	165	21780	12.202	ng	# 18
57) 2,4-Dinitrotoluene	14.579	165	21780	10.260	ng	# 19
65) 4,6-Dinitro-2-methylph...	15.455	198	55	7.063	ng	# 28
67) 4-Bromophenyl-phenylether	16.072	248	24622	6.249	ng	# 1
68) Hexachlorobenzene	16.606	284	14391	3.235	ng	# 43
77) Benzidine	19.950	184	30101	3.035	ng	# 96

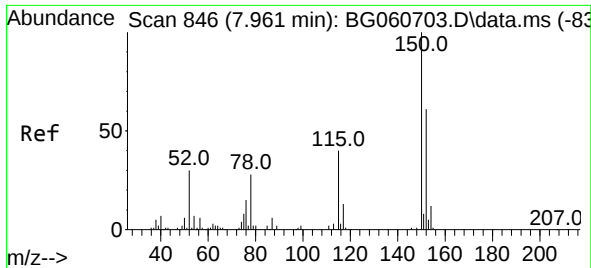
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
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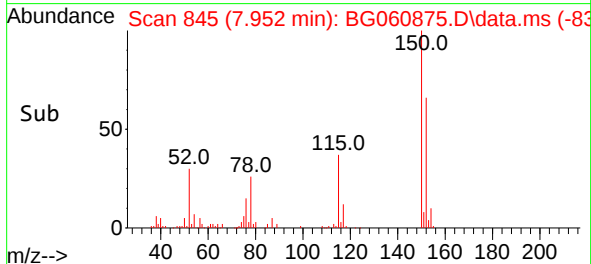
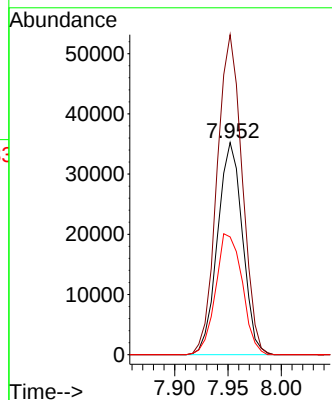
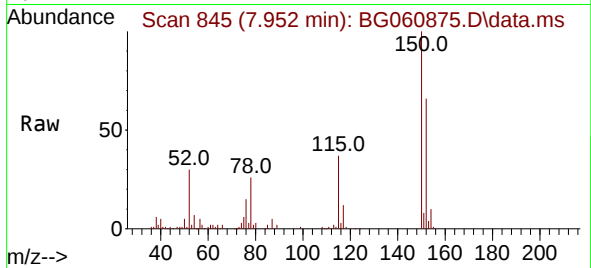




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 846
Delta R.T. -0.009 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38

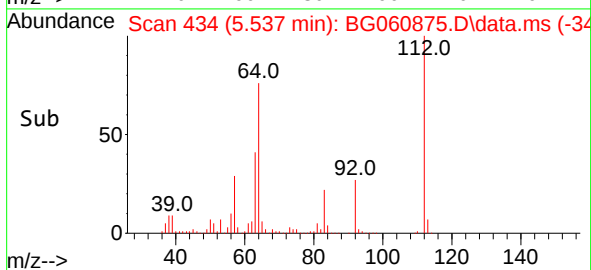
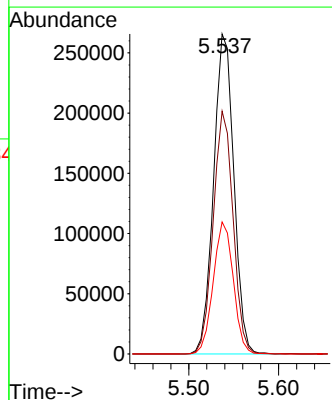
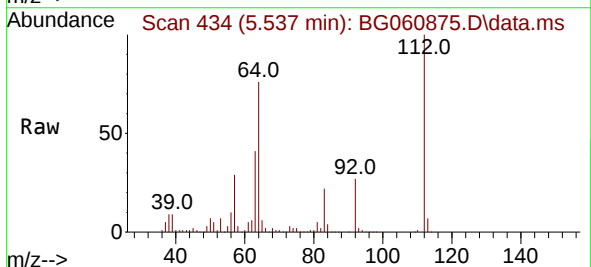
Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 57210
Ion Ratio Lower Upper
152 100
150 150.8 130.2 195.4
115 55.5 51.6 77.4



#5
2-Fluorophenol
Concen: 121.198 ng
RT: 5.537 min Scan# 434
Delta R.T. 0.002 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38

Tgt Ion:112 Resp: 416220
Ion Ratio Lower Upper
112 100
64 75.9 58.4 87.6
63 41.3 32.7 49.1

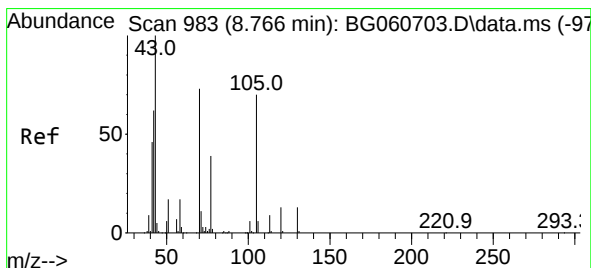
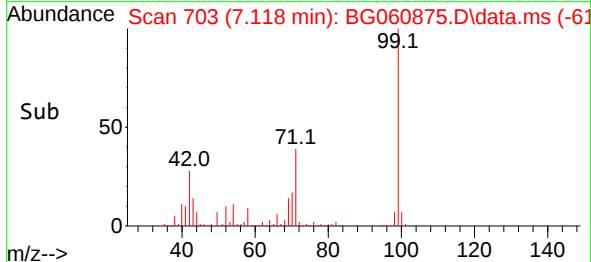
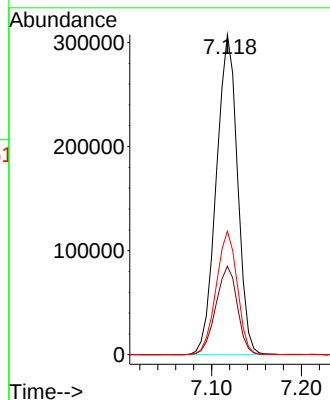
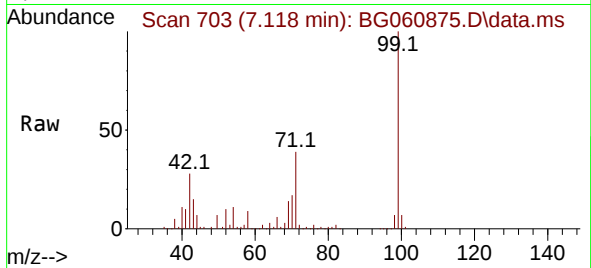




#7
Phenol-d6
Concen: 98.845 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.002 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38

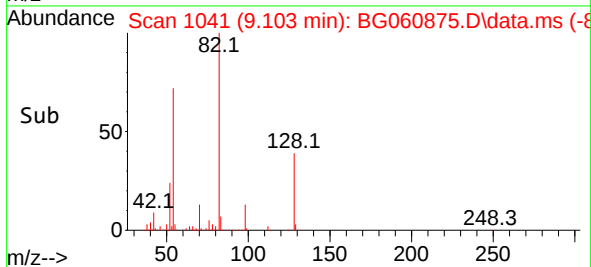
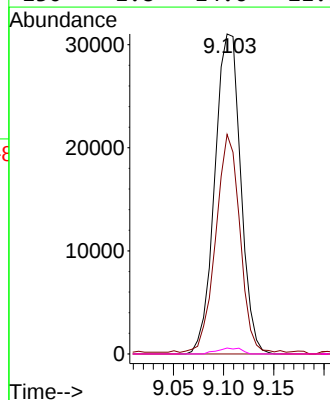
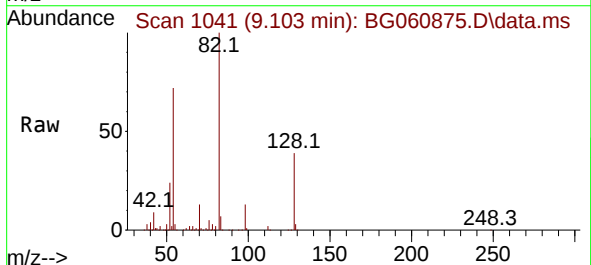
Instrument :
BNA_G
ClientSampleId :
TP-2

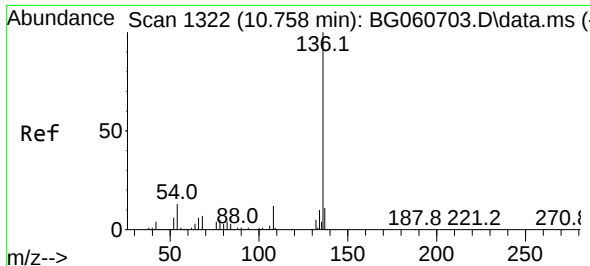
Tgt Ion: 99 Resp: 503879
Ion Ratio Lower Upper
99 100
42 27.6 19.4 29.2
71 38.6 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.304 ng
RT: 9.103 min Scan# 1041
Delta R.T. 0.337 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38

Tgt Ion: 70 Resp: 55606
Ion Ratio Lower Upper
70 100
42 68.6 68.4 102.6
101 0.0 6.1 9.1#
130 1.8 14.6 21.8#



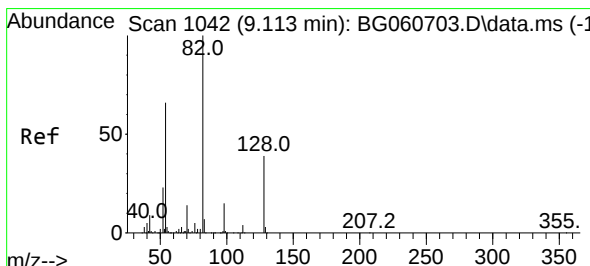
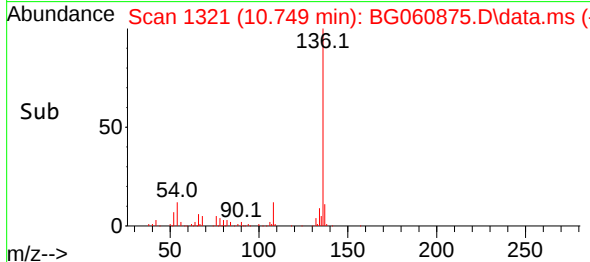
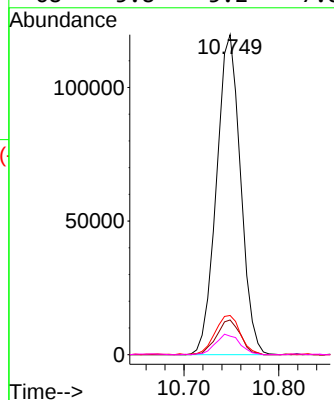
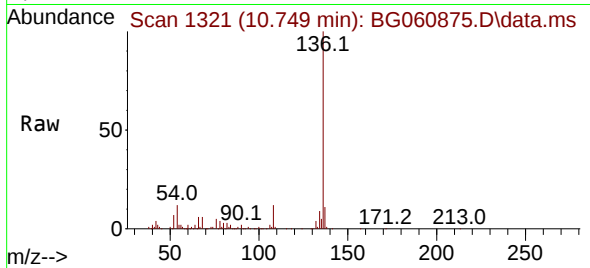


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:136 Resp: 210860

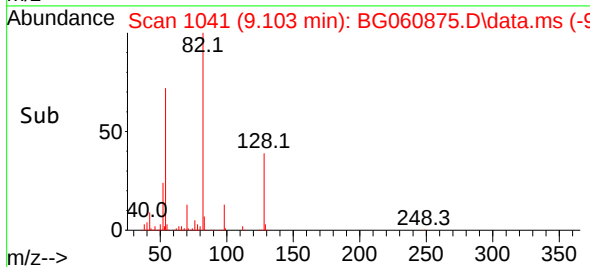
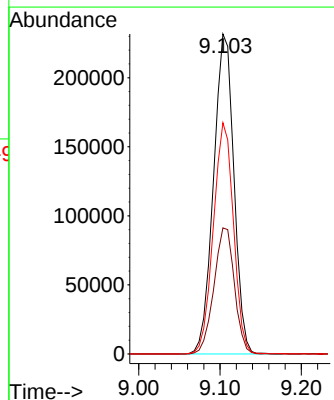
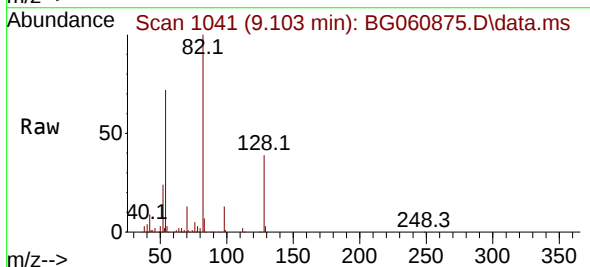
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	12.2	10.2	15.2
68	5.8	5.2	7.8

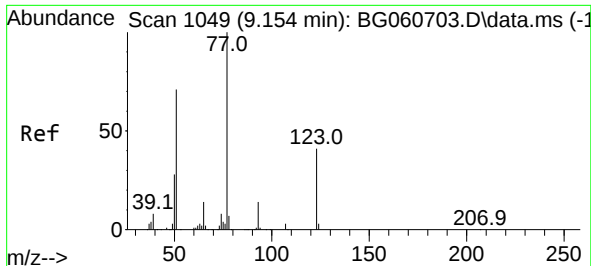


#23
Nitrobenzene-d5
Concen: 109.445 ng
RT: 9.103 min Scan# 1041
Delta R.T. -0.010 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38

Tgt Ion: 82 Resp: 404433

Ion	Ratio	Lower	Upper
82	100		
128	39.4	31.2	46.8
54	72.3	53.2	79.8

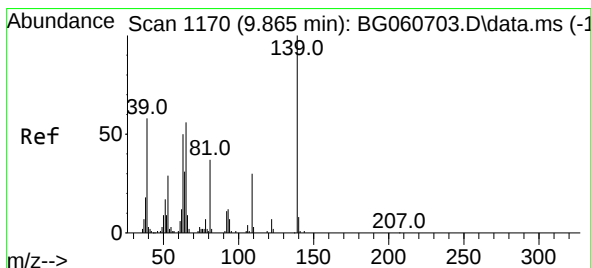
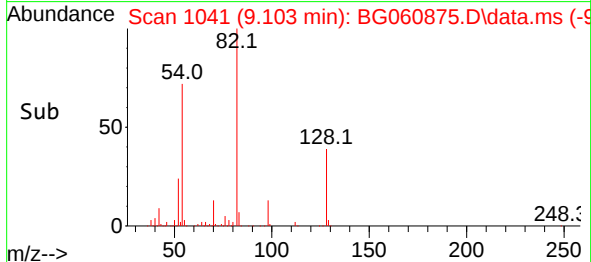
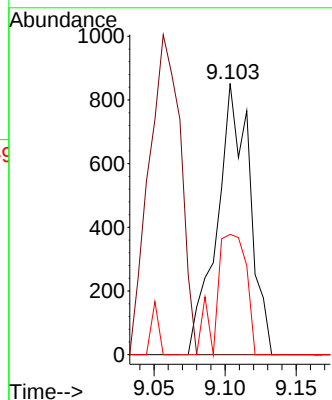
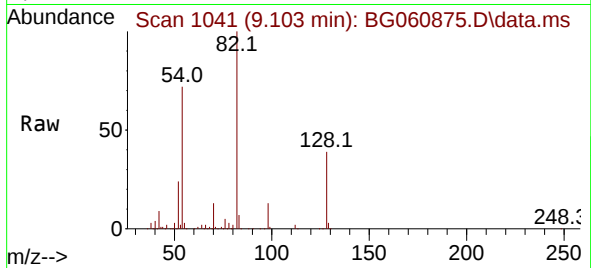




#24
Nitrobenzene
Concen: 3.085 ng
RT: 9.103 min Scan# 1041
Delta R.T. -0.051 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38

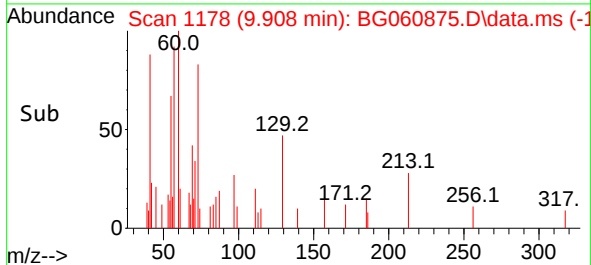
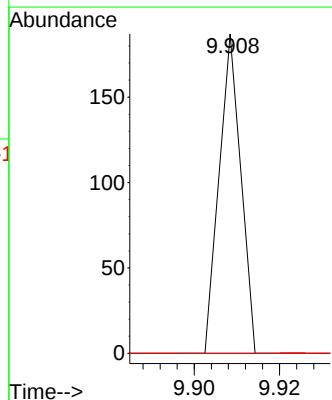
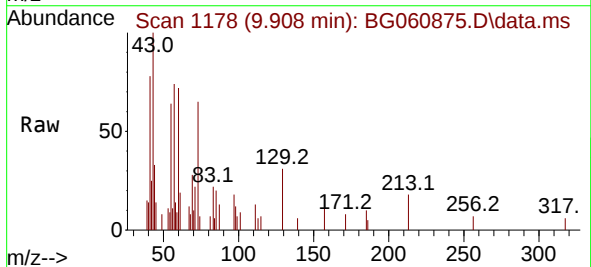
Instrument :
BNA_G
ClientSampleId :
TP-2

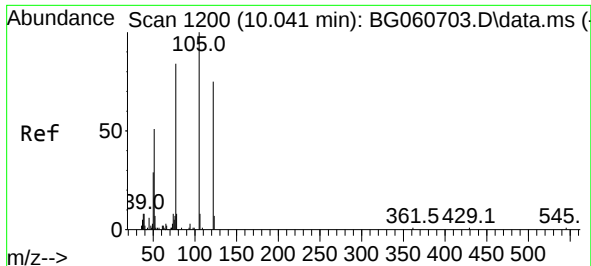
Tgt Ion: 77 Resp: 1365
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 44.4 11.3 16.9#



#26
2-Nitrophenol
Concen: 3.010 ng
RT: 9.908 min Scan# 1178
Delta R.T. 0.043 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38

Tgt Ion: 139 Resp: 66
Ion Ratio Lower Upper
139 100
109 0.0 23.9 35.9#
65 0.0 44.5 66.7#

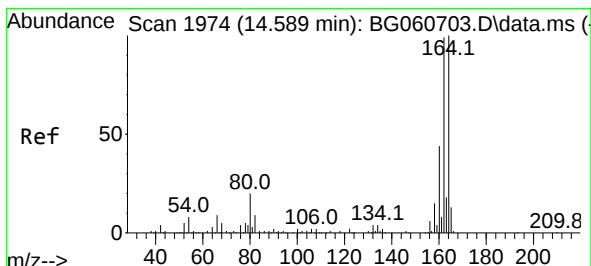
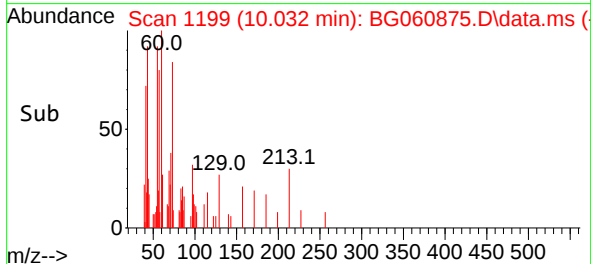
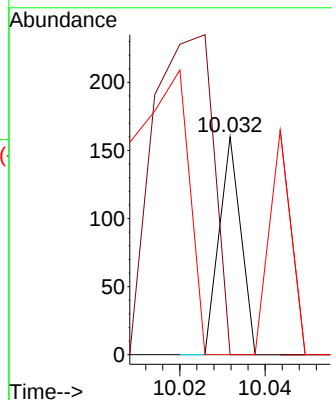
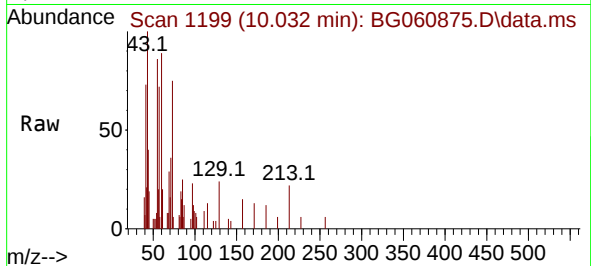




#32
Benzoic acid
Concen: 6.857 ng
RT: 10.032 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38

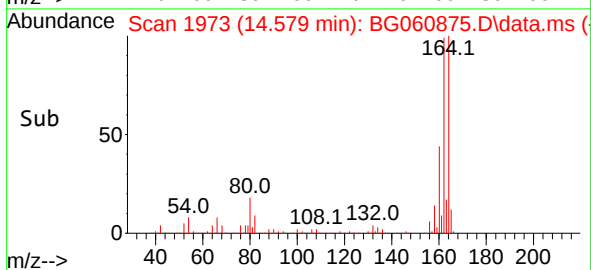
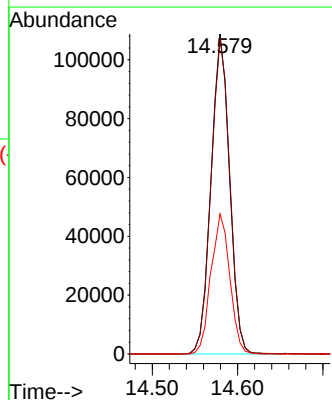
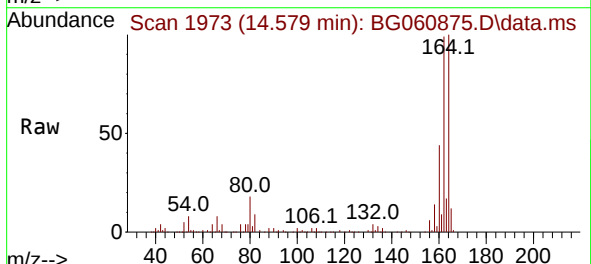
Instrument :
BNA_G
ClientSampleId :
TP-2

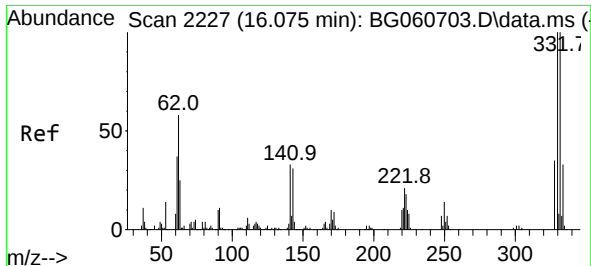
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 104.5 144.5#
77 0.0 85.3 125.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.579 min Scan# 1973
Delta R.T. -0.010 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38

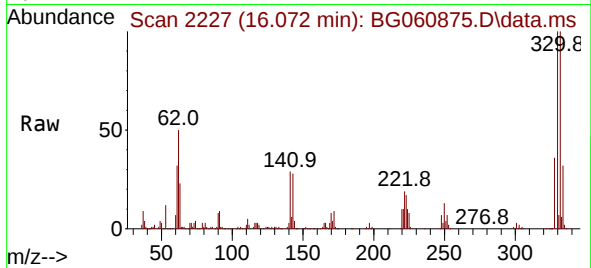
Tgt Ion:164 Resp: 163868
Ion Ratio Lower Upper
164 100
162 98.6 79.5 119.3
160 43.8 35.4 53.0



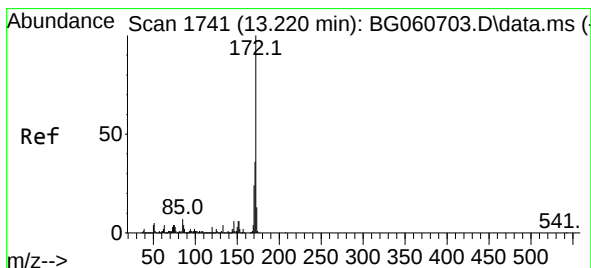
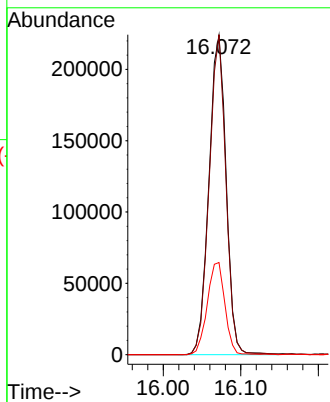
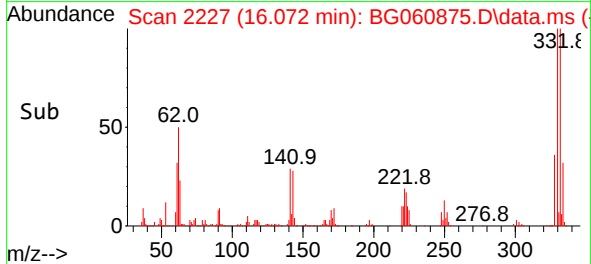


#42
2,4,6-Tribromophenol
Concen: 185.741 ng
RT: 16.072 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38

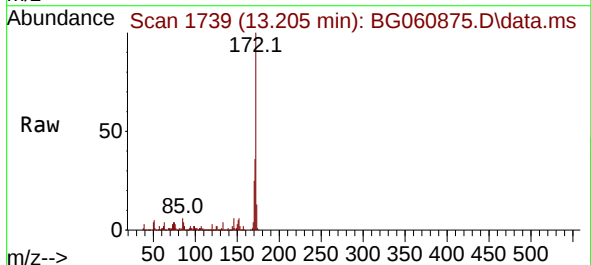
Instrument :
BNA_G
ClientSampleId :
TP-2



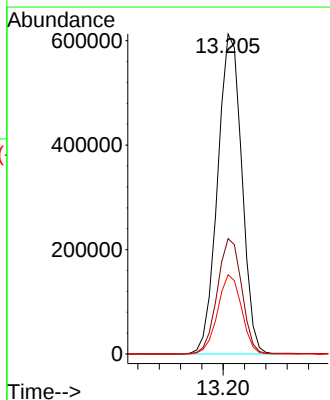
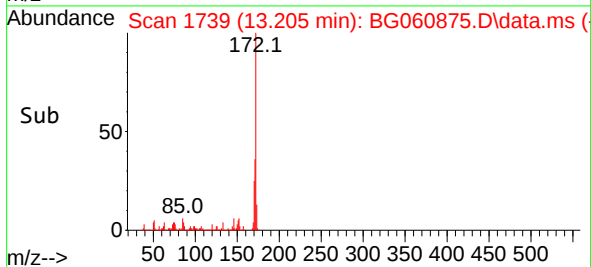
Tgt Ion:330 Resp: 345509
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.4
141 29.5 27.0 40.6

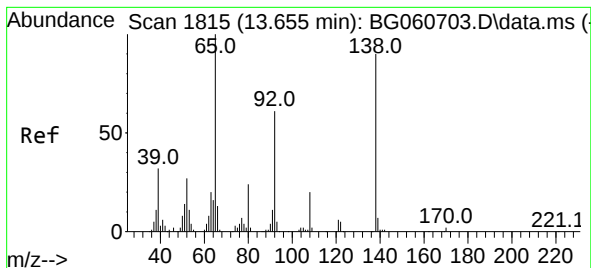


#45
2-Fluorobiphenyl
Concen: 86.533 ng
RT: 13.205 min Scan# 1739
Delta R.T. -0.015 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38



Tgt Ion:172 Resp: 966182
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 24.8 19.4 29.0





#48

2-Nitroaniline

Concen: 2.813 ng

RT: 13.727 min Scan# 1

Delta R.T. 0.072 min

Lab File: BG060875.D

Acq: 12 Apr 2024 15:38

Instrument :

BNA_G

ClientSampleId :

TP-2

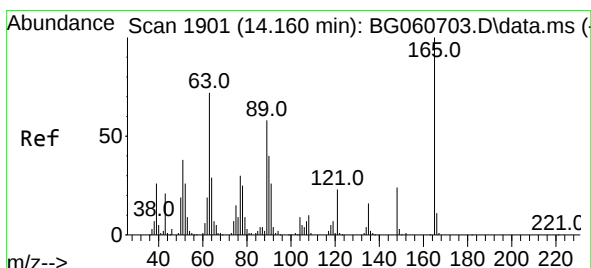
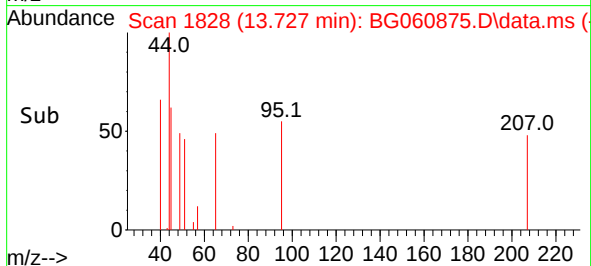
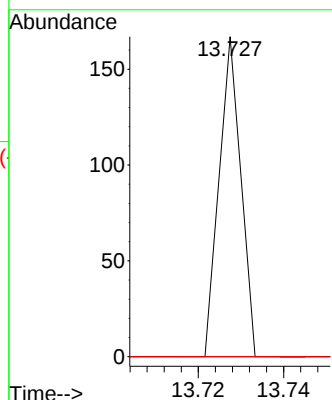
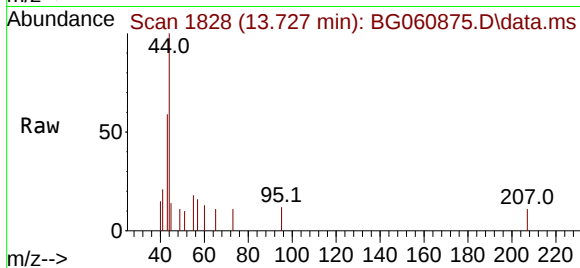
Tgt Ion: 65 Resp: 59

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: 12.202 ng

RT: 14.579 min Scan# 1973

Delta R.T. 0.419 min

Lab File: BG060875.D

Acq: 12 Apr 2024 15:38

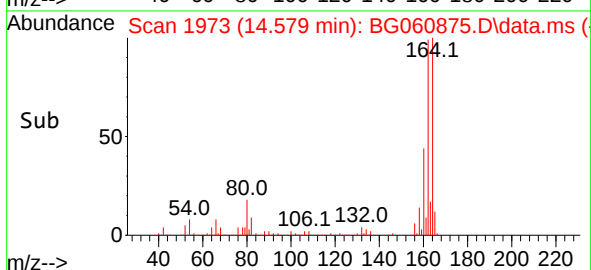
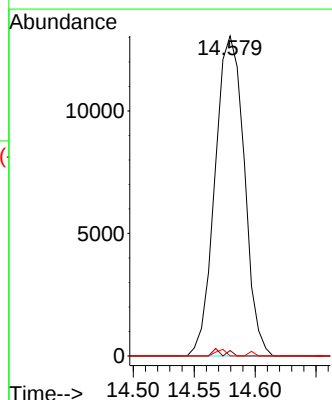
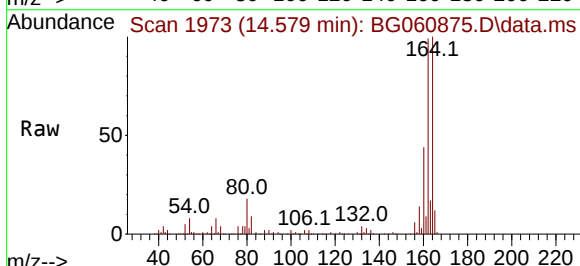
Tgt Ion:165 Resp: 21780

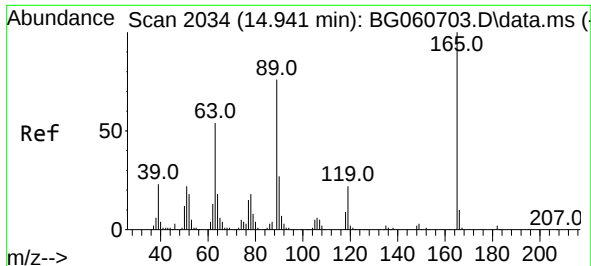
Ion Ratio Lower Upper

165 100

63 1.7 58.2 87.4#

89 0.0 46.1 69.1#





#57

2,4-Dinitrotoluene

Concen: 10.260 ng

RT: 14.579 min Scan# 1973

Delta R.T. -0.362 min

Lab File: BG060875.D

Acq: 12 Apr 2024 15:38

Instrument :

BNA_G

ClientSampleId :

TP-2

Tgt Ion:165 Resp: 21780

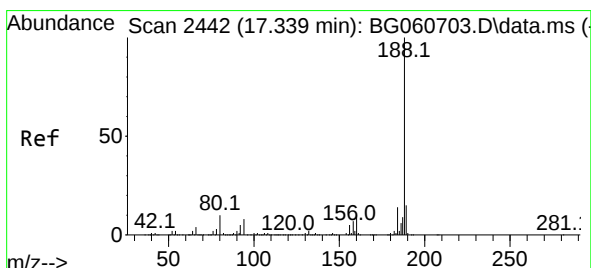
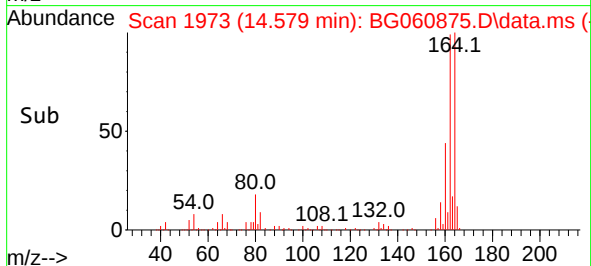
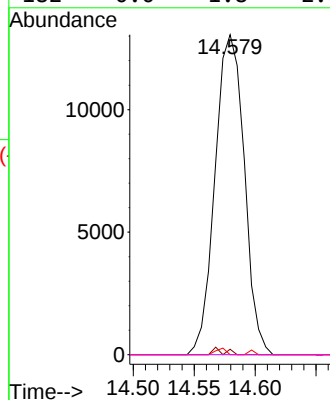
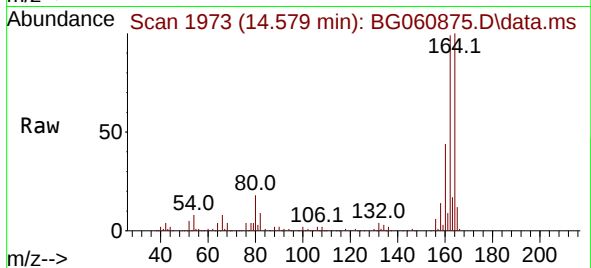
Ion Ratio Lower Upper

165 100

63 1.7 43.4 65.0#

89 0.0 61.0 91.6#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.329 min Scan# 2441

Delta R.T. -0.010 min

Lab File: BG060875.D

Acq: 12 Apr 2024 15:38

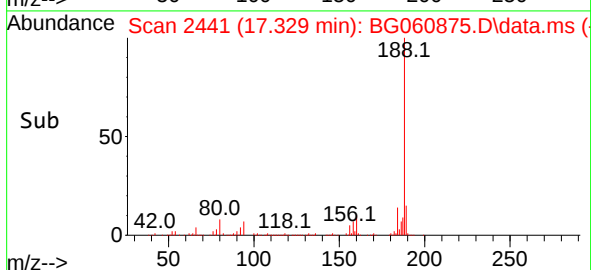
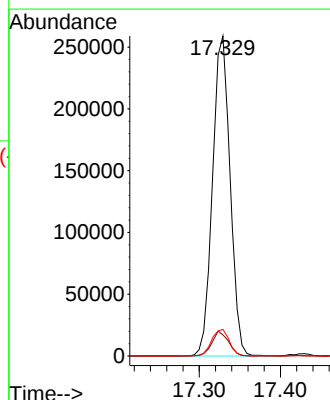
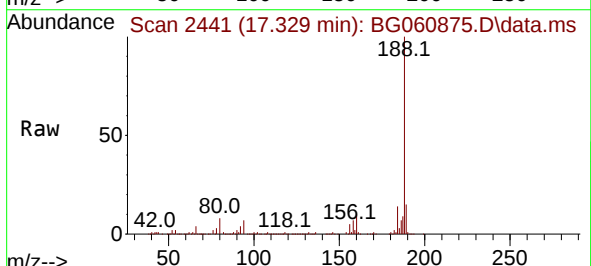
Tgt Ion:188 Resp: 388237

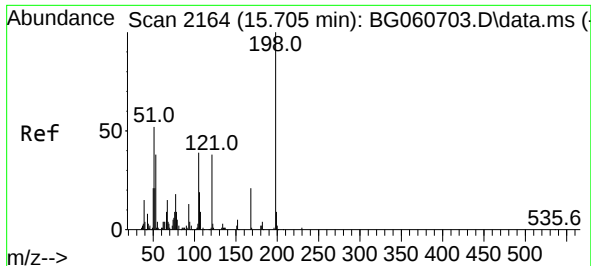
Ion Ratio Lower Upper

188 100

94 6.6 6.6 9.8

80 8.3 7.6 11.4

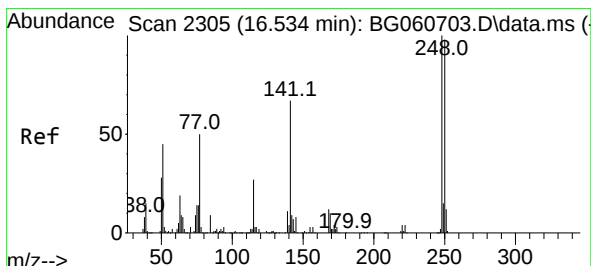
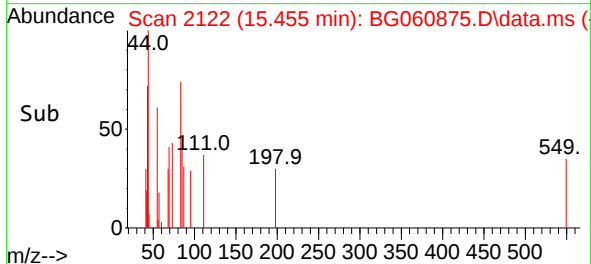
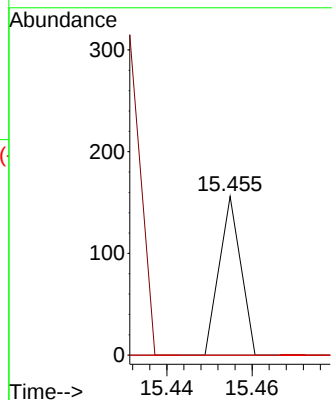
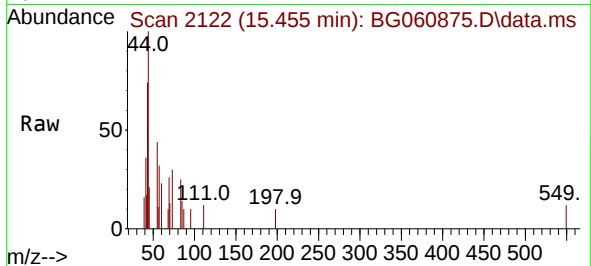




#65
4,6-Dinitro-2-methylphenol
Concen: 7.063 ng
RT: 15.455 min Scan# 2164
Delta R.T. -0.250 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38

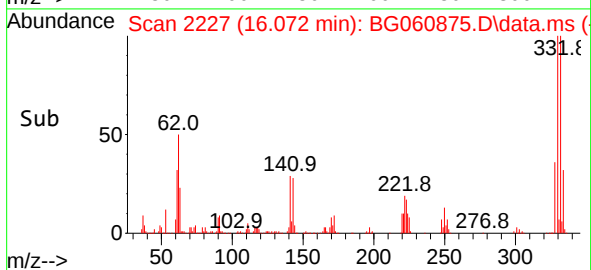
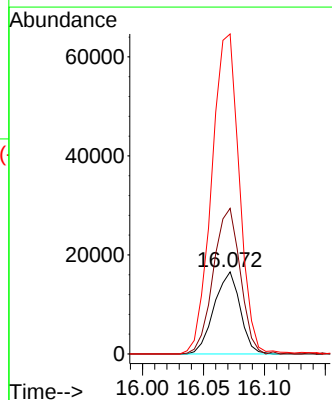
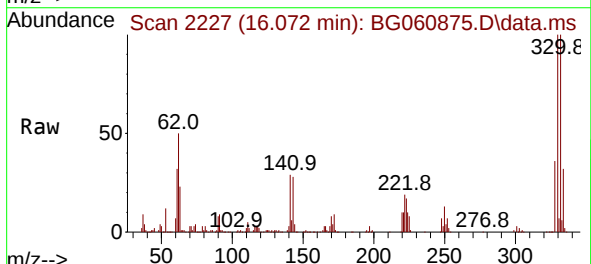
Instrument :
BNA_G
ClientSampleId :
TP-2

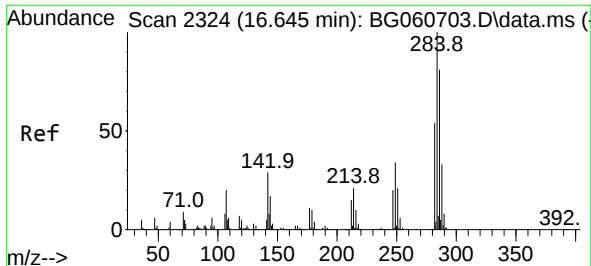
Tgt Ion	Ratio	Lower	Upper
198	100		
51	0.0	36.7	76.7#
105	0.0	19.1	59.1#



#67
4-Bromophenyl-phenylether
Concen: 6.249 ng
RT: 16.072 min Scan# 2227
Delta R.T. -0.462 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38

Tgt Ion	Ratio	Lower	Upper
248	100		
250	177.3	78.3	117.5#
141	389.7	53.7	80.5#

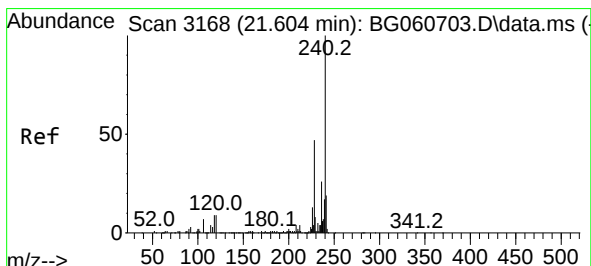
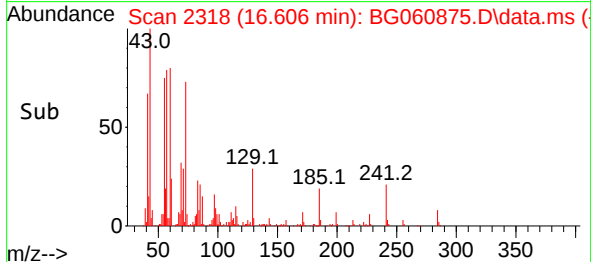
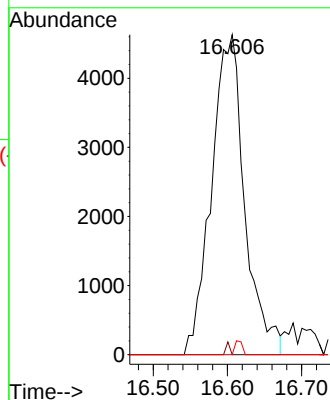
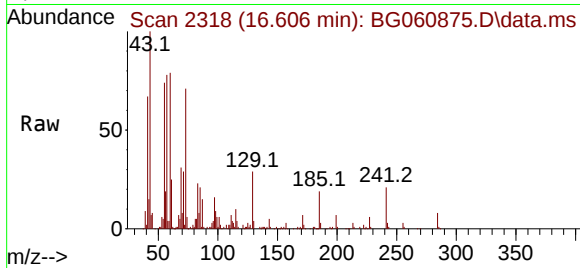




#68
Hexachlorobenzene
Concen: 3.235 ng
RT: 16.606 min Scan# 21
Delta R.T. -0.039 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38

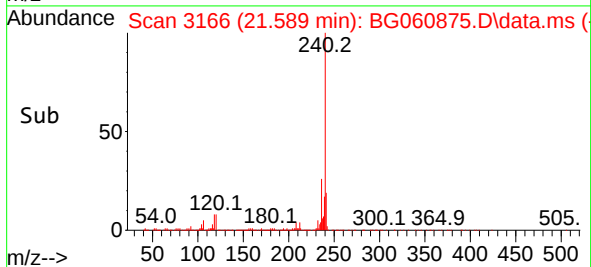
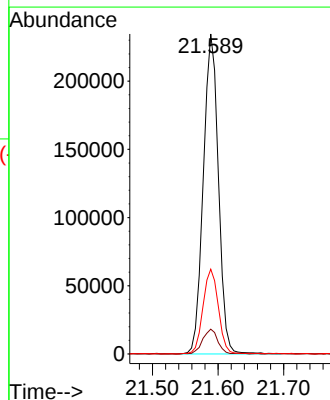
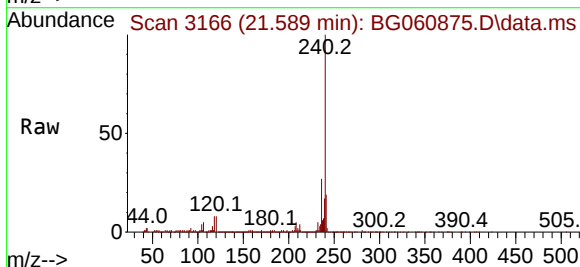
Instrument :
BNA_G
ClientSampleId :
TP-2

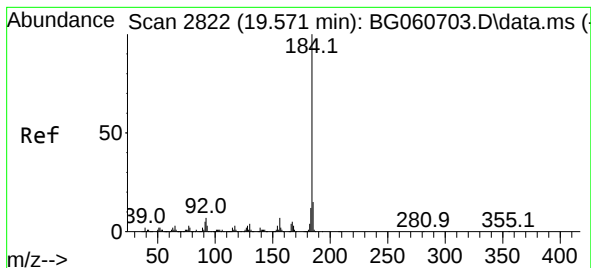
Tgt Ion:284 Resp: 14391
Ion Ratio Lower Upper
284 100
142 0.0 22.9 34.3#
249 0.0 27.1 40.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3166
Delta R.T. -0.015 min
Lab File: BG060875.D
Acq: 12 Apr 2024 15:38

Tgt Ion:240 Resp: 376652
Ion Ratio Lower Upper
240 100
120 7.8 7.1 10.7
236 26.5 20.7 31.1





#77

Benzidine

Concen: 3.035 ng

RT: 19.950 min Scan# 2

Delta R.T. 0.378 min

Lab File: BG060875.D

Acq: 12 Apr 2024 15:38

Instrument :

BNA_G

ClientSampleId :

TP-2

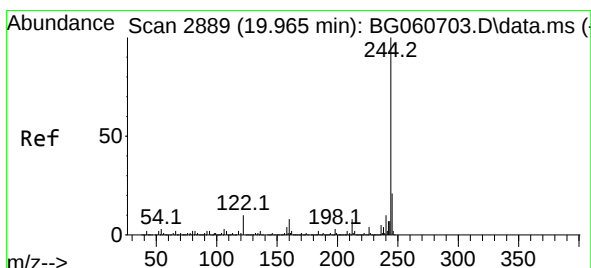
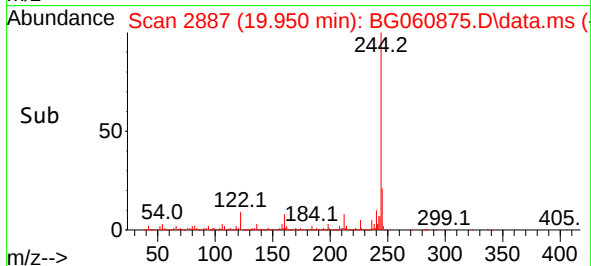
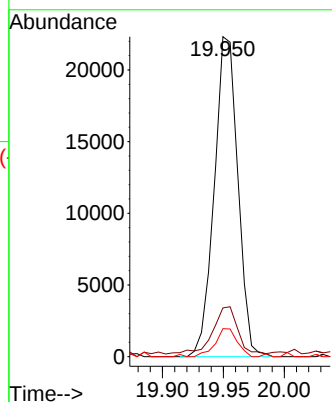
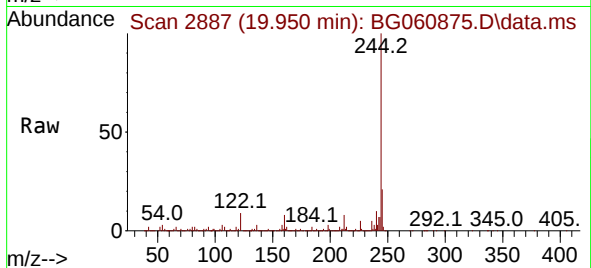
Tgt Ion:184 Resp: 30101

Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.6

183 8.7 9.5 14.3#



#79

Terphenyl-d14

Concen: 86.601 ng

RT: 19.955 min Scan# 2888

Delta R.T. -0.010 min

Lab File: BG060875.D

Acq: 12 Apr 2024 15:38

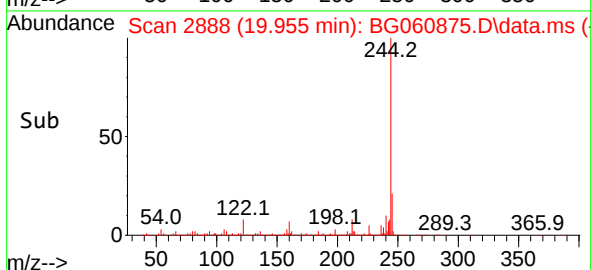
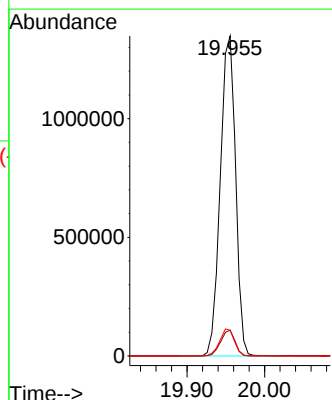
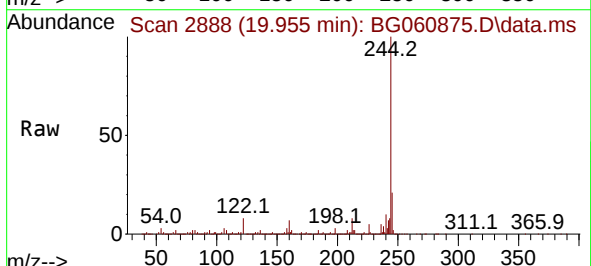
Tgt Ion:244 Resp: 1852445

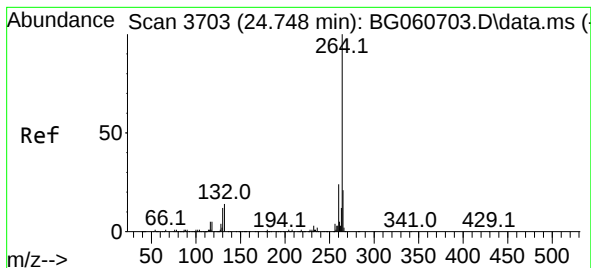
Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

122 8.0 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.726 min Scan# 31

Delta R.T. -0.021 min

Lab File: BG060875.D

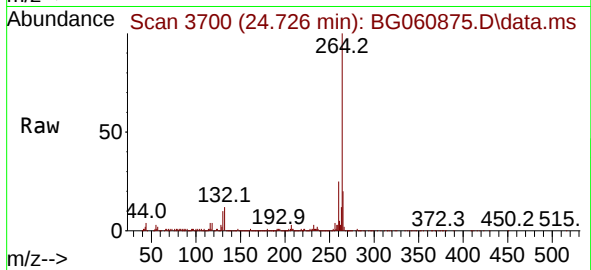
Acq: 12 Apr 2024 15:38

Instrument :

BNA_G

ClientSampleId :

TP-2



Tgt Ion:264 Resp: 427791

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 20.2 16.9 25.3

