

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
 Data File : BG060807.D
 Acq On : 6 Apr 2024 12:10
 Operator : MA/JU
 Sample : P1995-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 08 02:03:21 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)

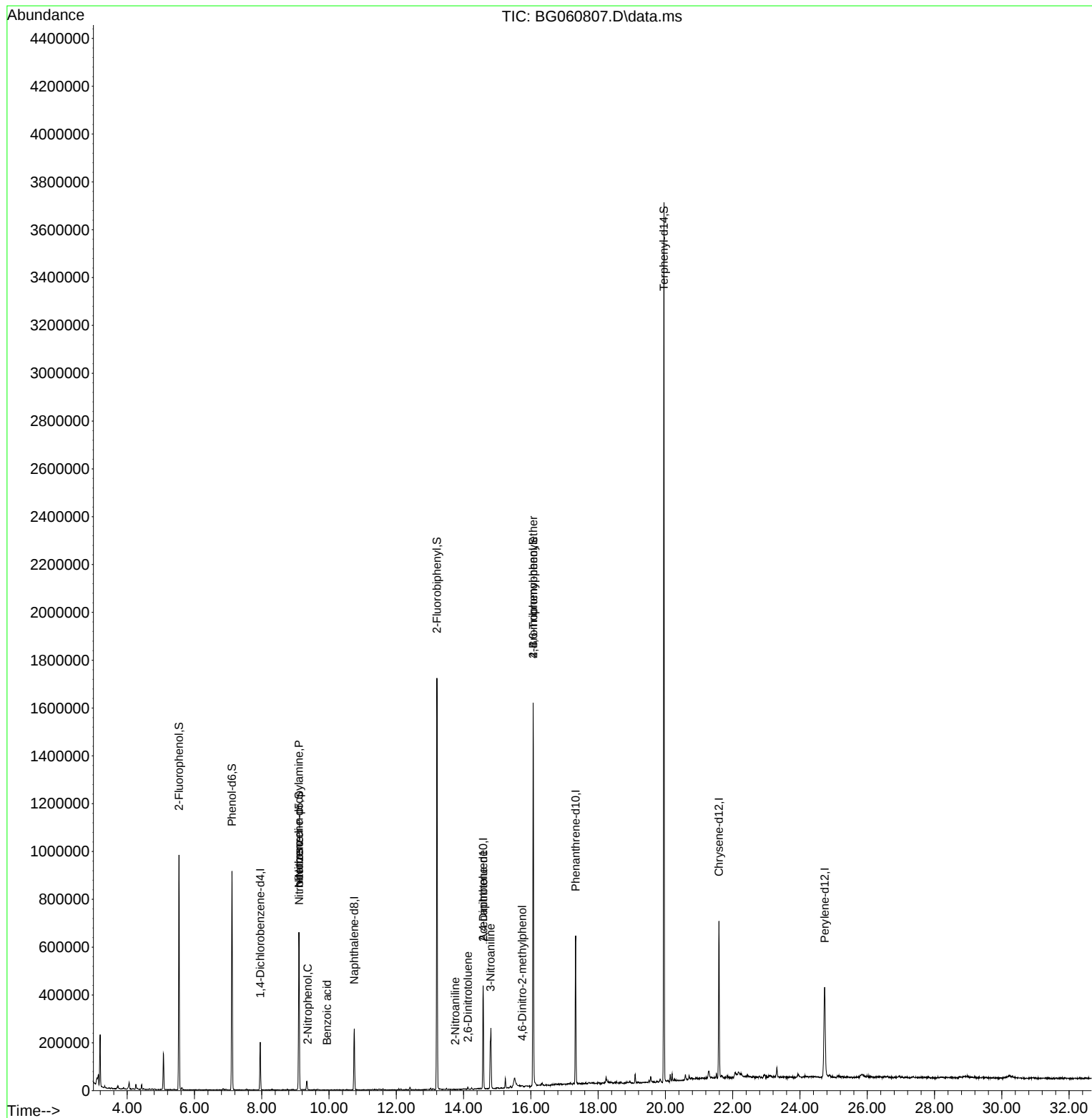
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	52946	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	200176	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	156566	20.000	ng	0.00
64) Phenanthrene-d10	17.331	188	386856	20.000	ng	0.00
76) Chrysene-d12	21.591	240	385156	20.000	ng	-0.01
86) Perylene-d12	24.734	264	439858	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	369848	116.369	ng	0.00
7) Phenol-d6	7.114	99	460885	97.692	ng	0.00
23) Nitrobenzene-d5	9.105	82	351832	100.292	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	320092	180.102	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	881776	82.657	ng	-0.01
79) Terphenyl-d14	19.957	244	1897302	86.740	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.105	70	48205	13.399	ng	# 73
24) Nitrobenzene	9.111	77	1096	3.037	ng	# 27
26) 2-Nitrophenol	9.364	139	142	3.074	ng	# 31
32) Benzoic acid	9.940	122	66	6.862	ng	# 1
48) 2-Nitroaniline	13.753	65	62	2.815	ng	# 11
51) 2,6-Dinitrotoluene	14.129	165	1397	4.078	ng	# 17
53) 3-Nitroaniline	14.805	138	3592	4.241	ng	# 1
57) 2,4-Dinitrotoluene	14.581	165	21342	10.438	ng	# 20
65) 4,6-Dinitro-2-methylph...	15.745	198	54	7.063	ng	# 1
67) 4-Bromophenyl-phenylether	16.068	248	21101	5.375	ng	# 1

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

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

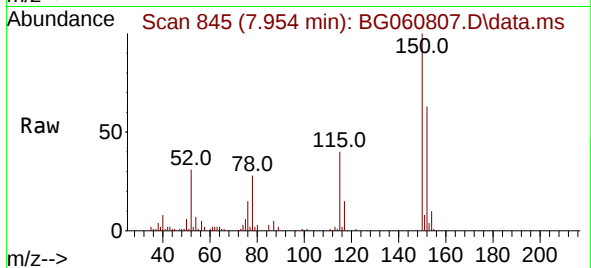
Quant Time: Apr 08 02:03:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
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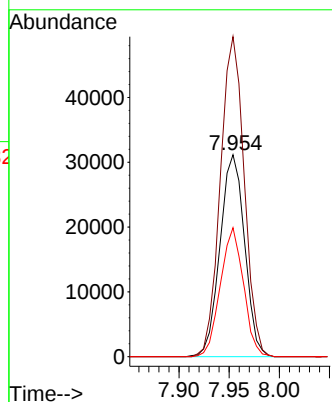
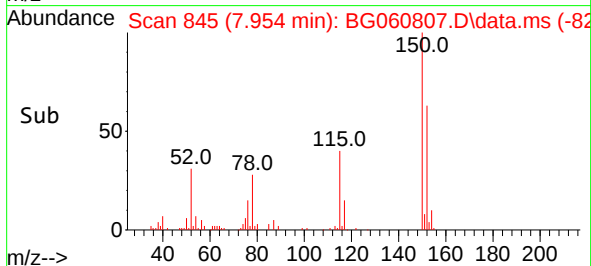


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.954 min Scan# 846
Delta R.T. -0.007 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

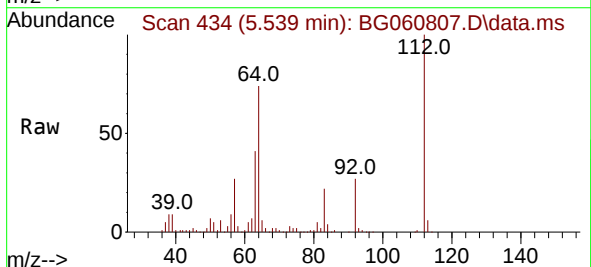
Instrument :
BNA_G
ClientSampleId :



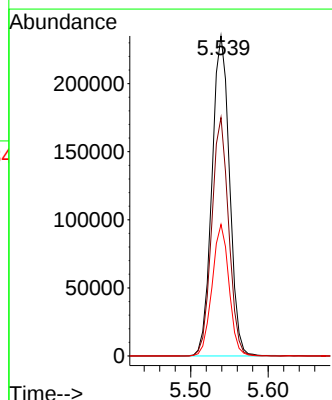
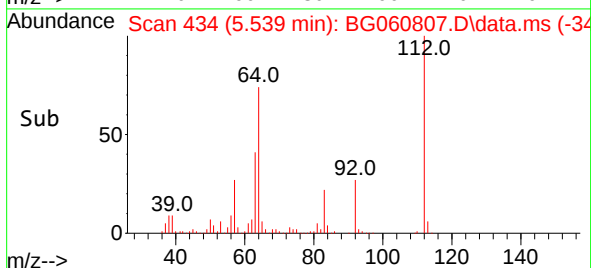
Tgt Ion:152 Resp: 52946
Ion Ratio Lower Upper
152 100
150 158.5 130.2 195.4
115 63.9 51.6 77.4

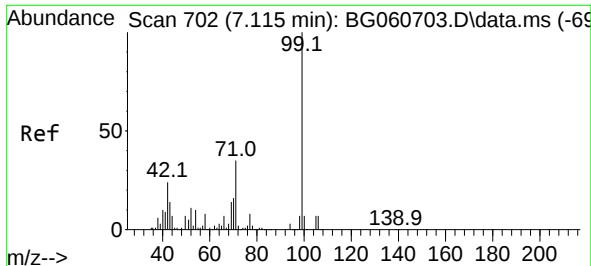


#5
2-Fluorophenol
Concen: 116.369 ng
RT: 5.539 min Scan# 434
Delta R.T. 0.004 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10



Tgt Ion:112 Resp: 369848
Ion Ratio Lower Upper
112 100
64 74.5 58.4 87.6
63 41.1 32.7 49.1

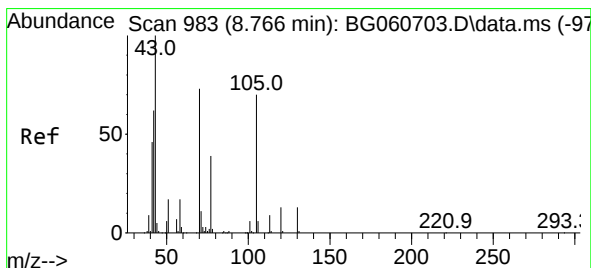
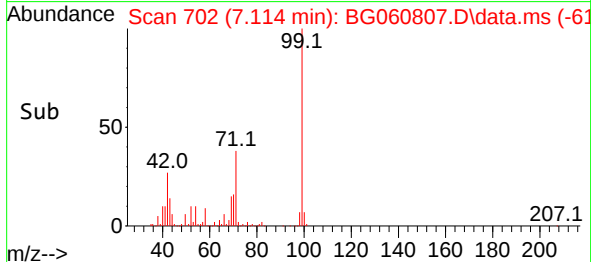
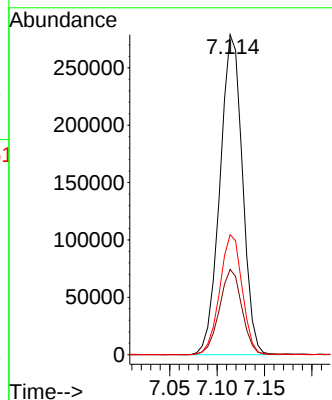
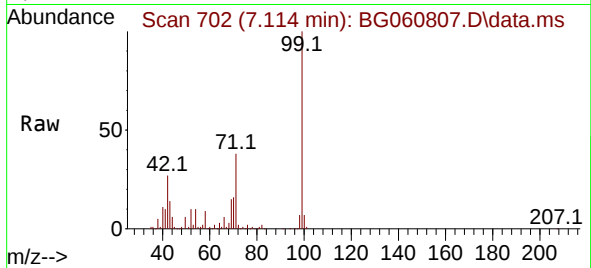




#7
Phenol-d6
Concen: 97.692 ng
RT: 7.114 min Scan# 70
Delta R.T. -0.002 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

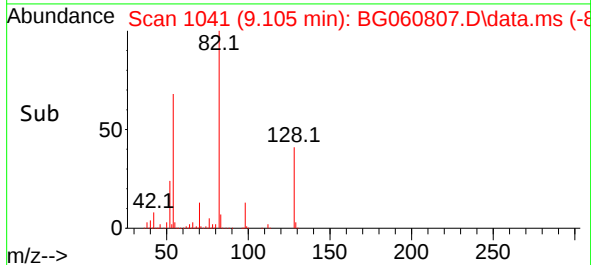
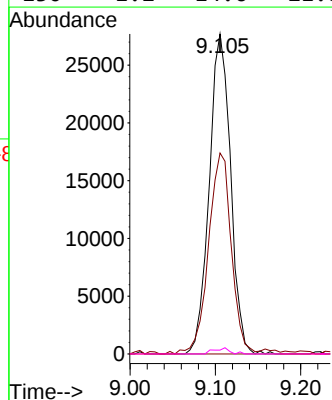
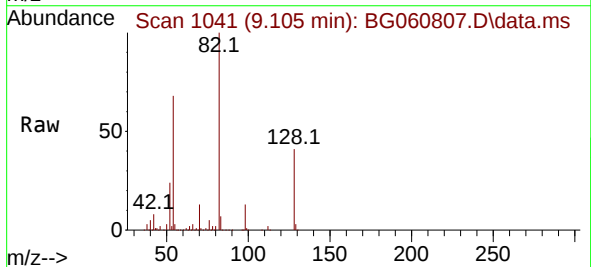
Instrument :
BNA_G
ClientSampleId :

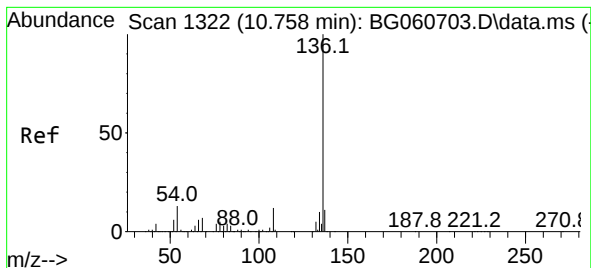
Tgt Ion: 99 Resp: 460885
Ion Ratio Lower Upper
99 100
42 26.7 19.4 29.2
71 37.5 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.399 ng
RT: 9.105 min Scan# 1041
Delta R.T. 0.339 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

Tgt Ion: 70 Resp: 48205
Ion Ratio Lower Upper
70 100
42 62.8 68.4 102.6#
101 0.0 6.1 9.1#
130 1.2 14.6 21.8#

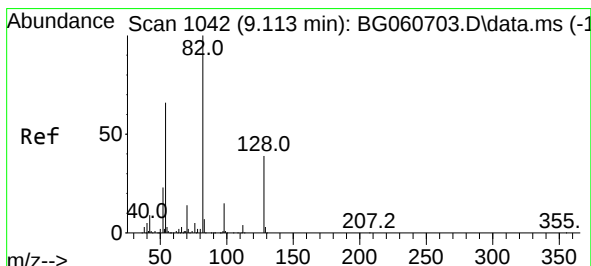
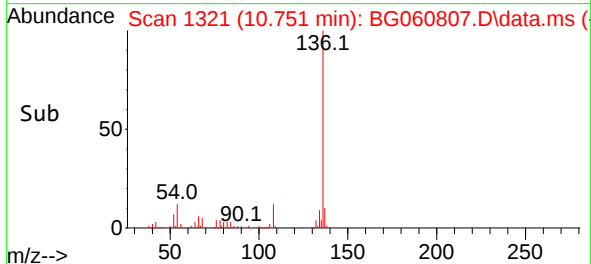
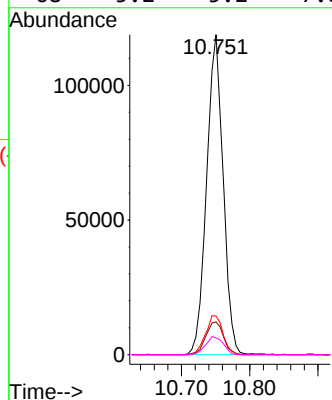
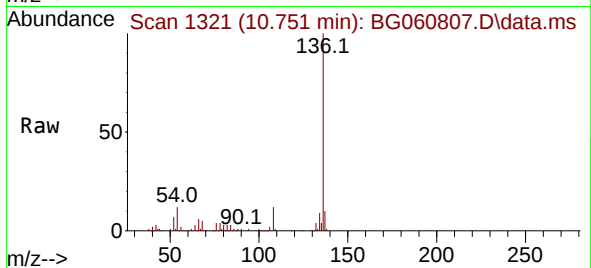




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

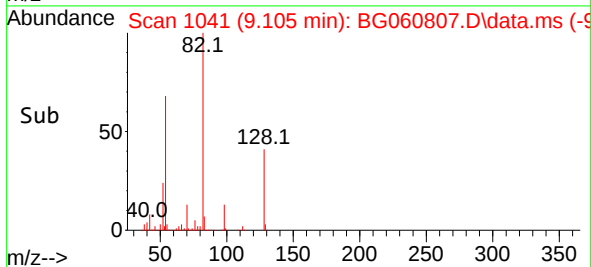
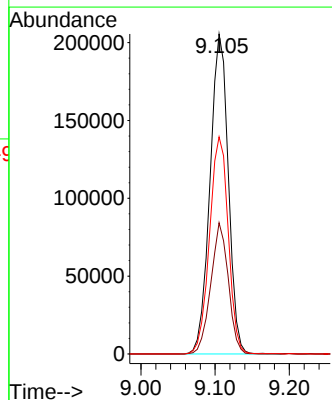
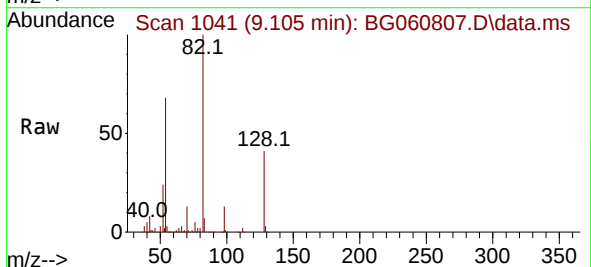
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 200176
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 12.1 10.2 15.2
68 5.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 100.292 ng
RT: 9.105 min Scan# 1041
Delta R.T. -0.008 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

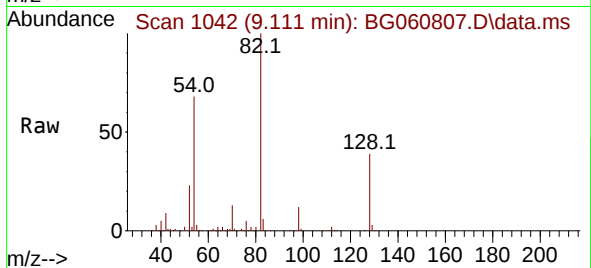
Tgt Ion: 82 Resp: 351832
Ion Ratio Lower Upper
82 100
128 41.0 31.2 46.8
54 67.9 53.2 79.8



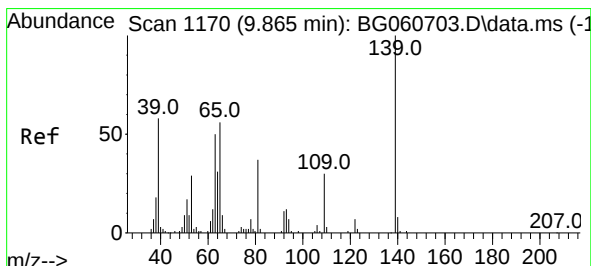
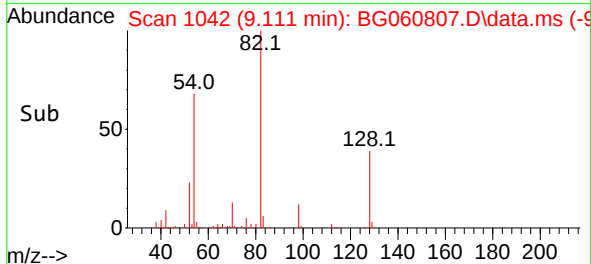
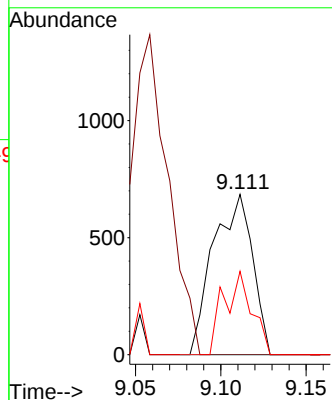


#24
Nitrobenzene
Concen: 3.037 ng
RT: 9.111 min Scan# 1096
Delta R.T. -0.043 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

Instrument :
BNA_G
ClientSampleId :

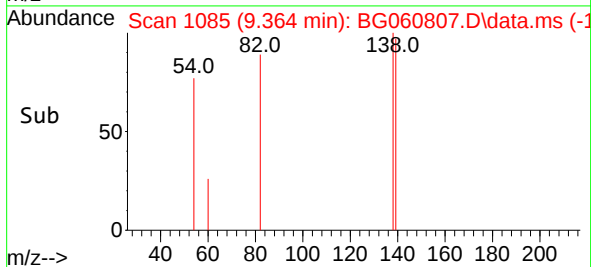
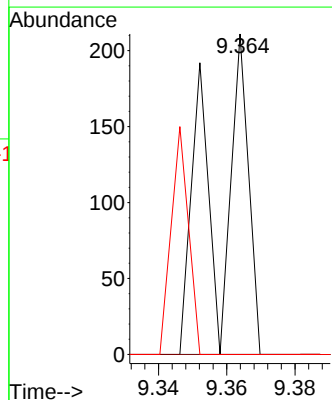
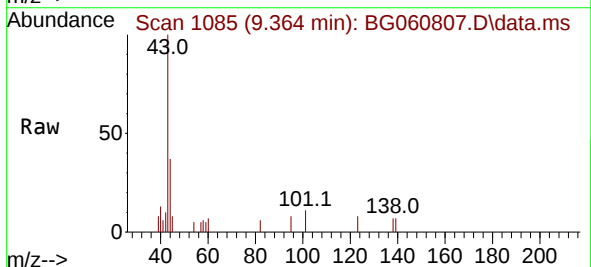


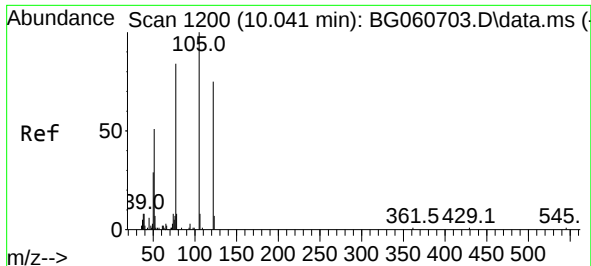
Tgt Ion: 77 Resp: 1096
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 52.0 11.3 16.9#



#26
2-Nitrophenol
Concen: 3.074 ng
RT: 9.364 min Scan# 1085
Delta R.T. -0.501 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

Tgt Ion:139 Resp: 142
Ion Ratio Lower Upper
139 100
109 0.0 23.9 35.9#
65 0.0 44.5 66.7#

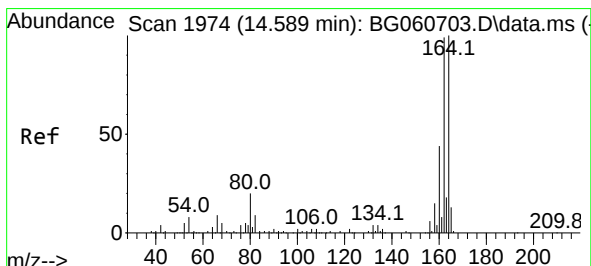
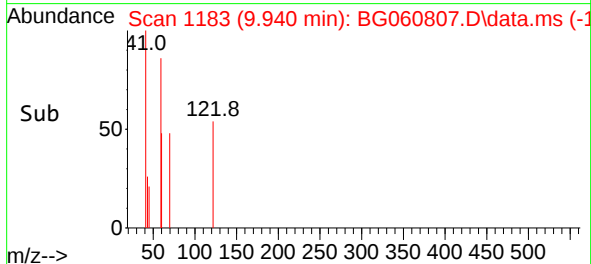
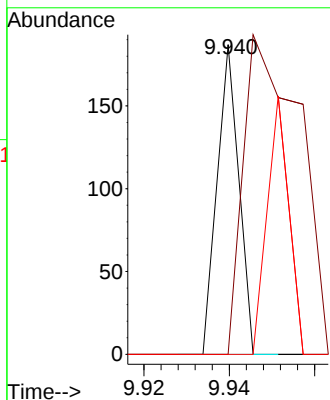
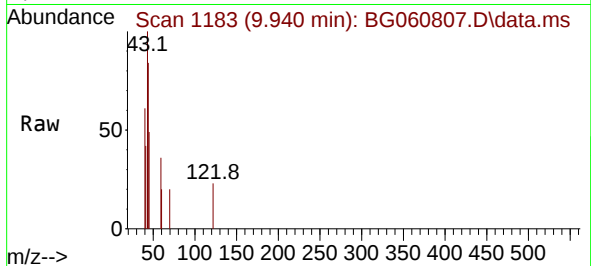




#32
Benzoic acid
Concen: 6.862 ng
RT: 9.940 min Scan# 11
Delta R.T. -0.101 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

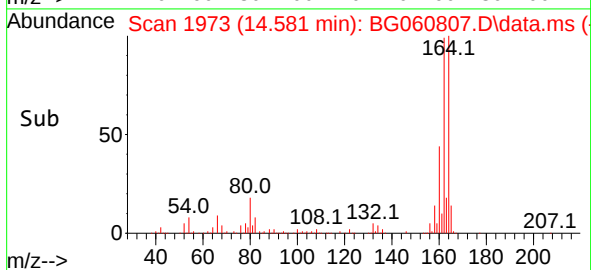
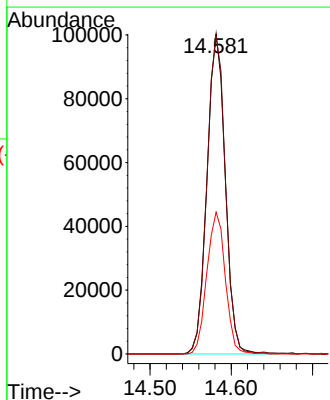
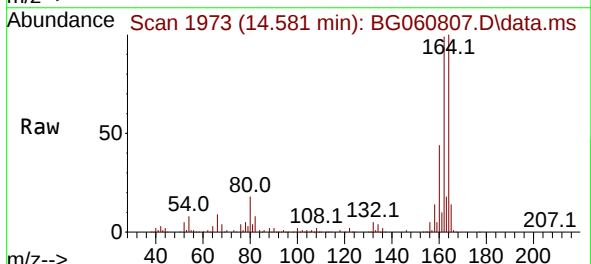
Instrument :
BNA_G
ClientSampleId :

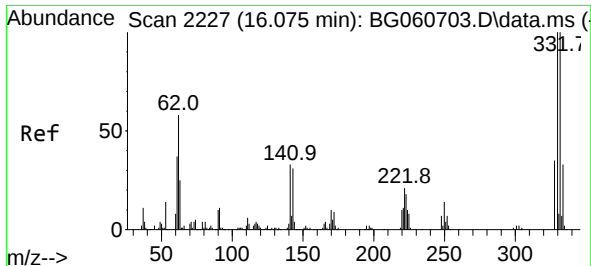
Tgt Ion:122 Resp: 66
Ion Ratio Lower Upper
122 100
105 0.0 104.5 144.5#
77 0.0 85.3 125.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1973
Delta R.T. -0.008 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

Tgt Ion:164 Resp: 156566
Ion Ratio Lower Upper
164 100
162 99.4 79.5 119.3
160 44.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 180.102 ng

RT: 16.068 min Scan# 21

Delta R.T. -0.008 min

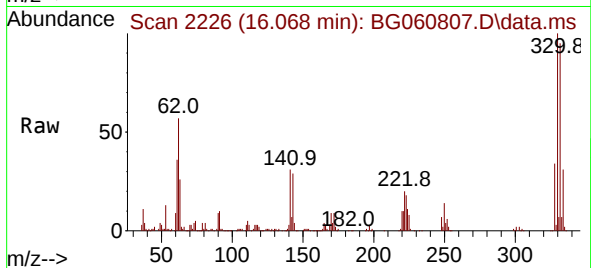
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Acq: 6 Apr 2024 12:10

Instrument :

BNA_G

ClientSampleId :



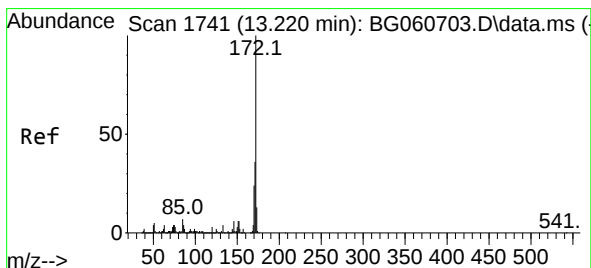
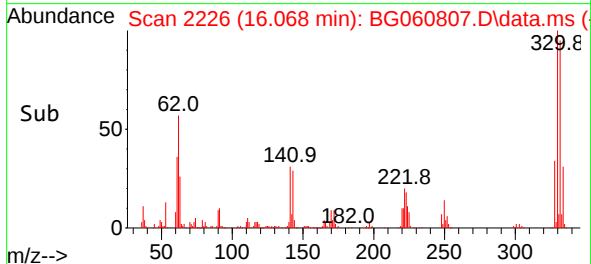
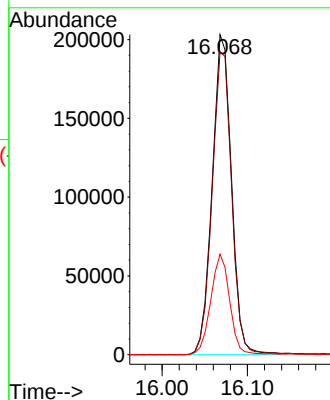
Tgt Ion:330 Resp: 320092

Ion Ratio Lower Upper

330 100

332 96.3 78.2 117.4

141 30.9 27.0 40.6



#45

2-Fluorobiphenyl

Concen: 82.657 ng

RT: 13.206 min Scan# 1739

Delta R.T. -0.014 min

Lab File: BG060807.D

Acq: 6 Apr 2024 12:10

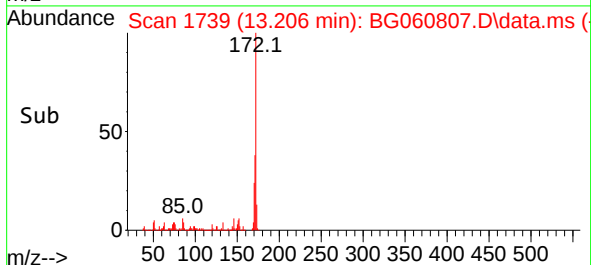
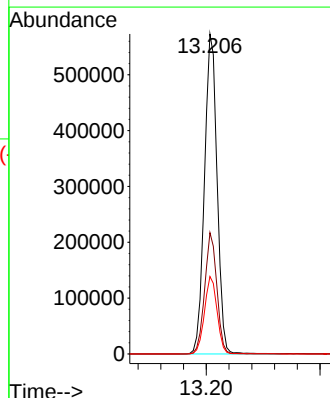
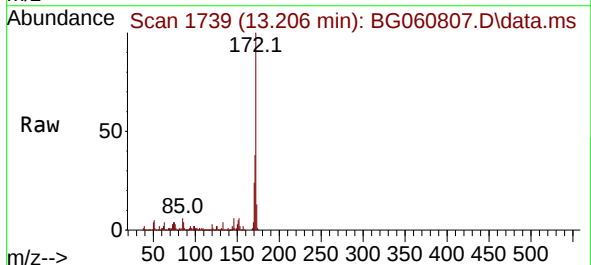
Tgt Ion:172 Resp: 881776

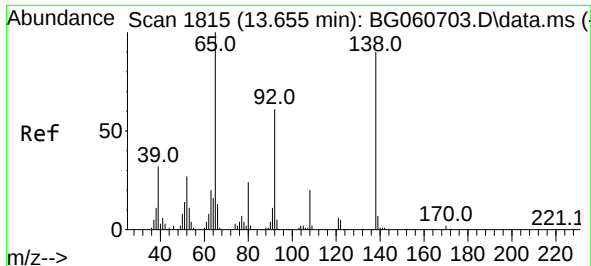
Ion Ratio Lower Upper

172 100

171 37.9 28.7 43.1

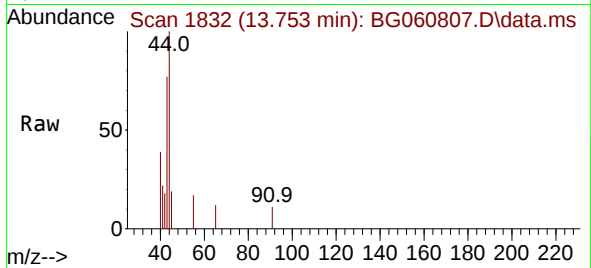
170 24.2 19.4 29.0



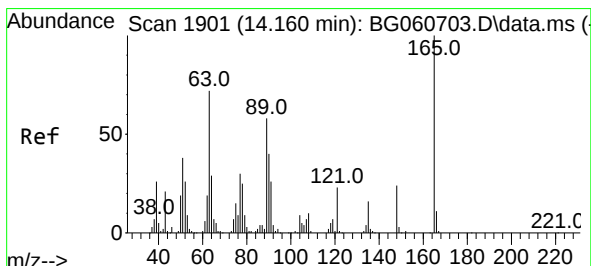
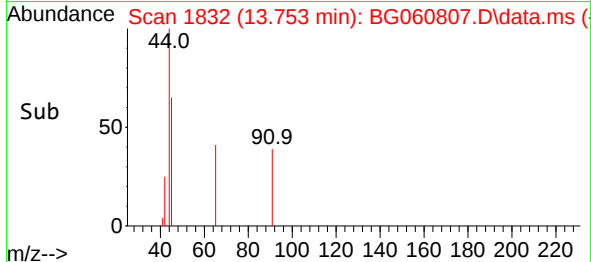
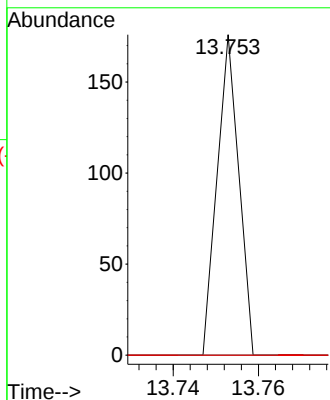


#48
2-Nitroaniline
Concen: 2.815 ng
RT: 13.753 min Scan# 1832
Delta R.T. 0.098 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

Instrument :
BNA_G
ClientSampleId :

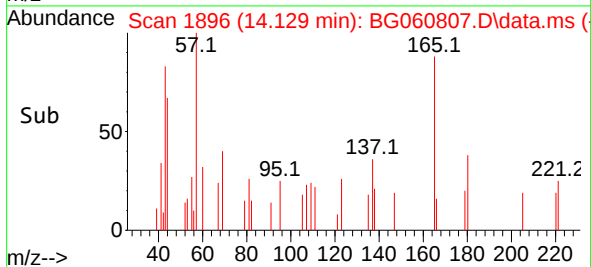
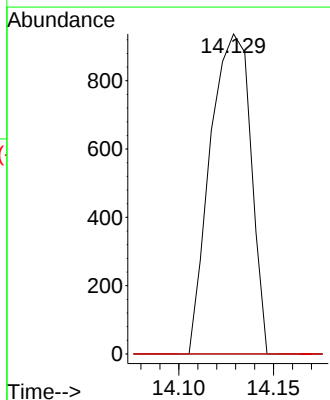
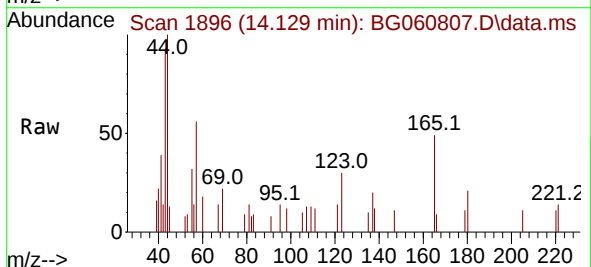


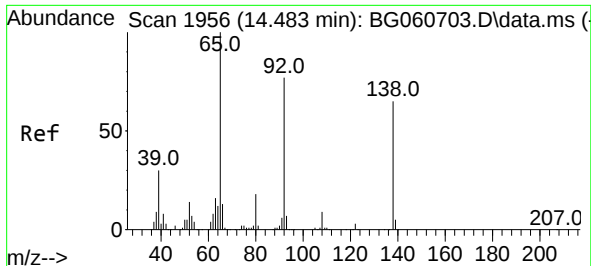
Tgt Ion: 65 Resp: 62
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 4.078 ng
RT: 14.129 min Scan# 1896
Delta R.T. -0.031 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

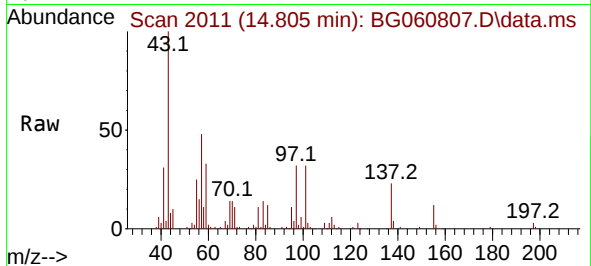
Tgt Ion: 165 Resp: 1397
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.4#
89 0.0 46.1 69.1#



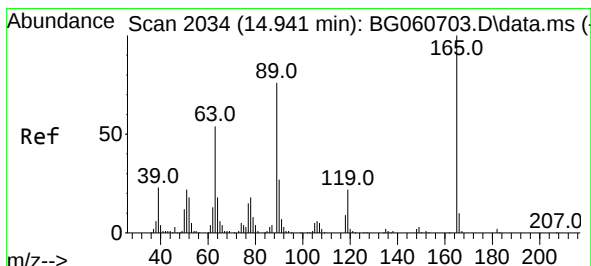
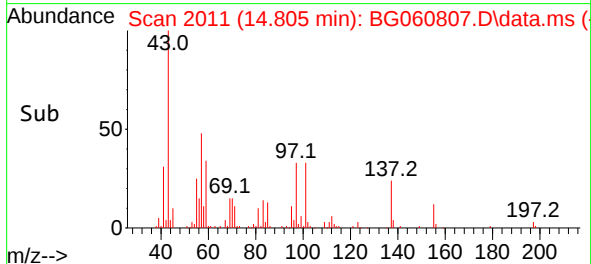
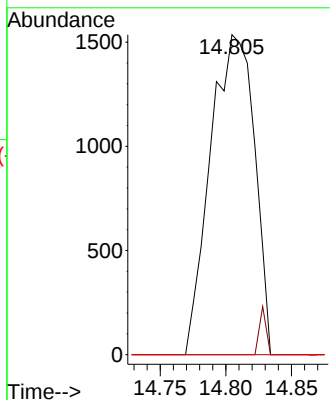


#53
3-Nitroaniline
Concen: 4.241 ng
RT: 14.805 min Scan# 20
Delta R.T. 0.322 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

Instrument :
BNA_G
ClientSampleId :

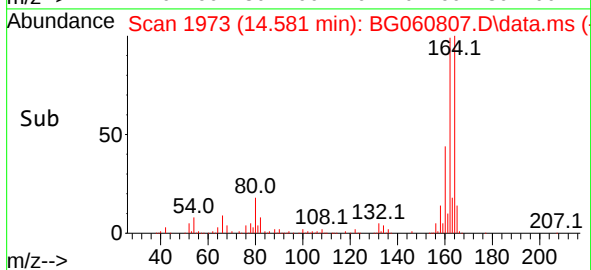
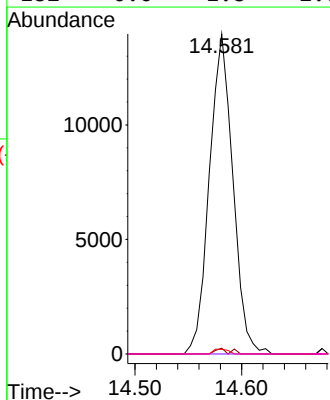
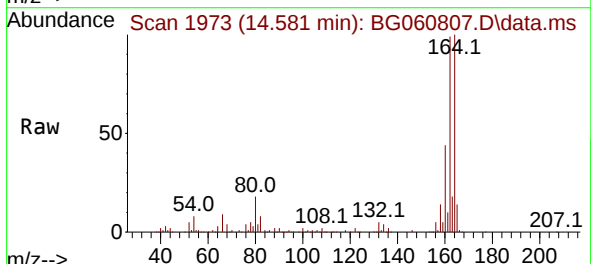


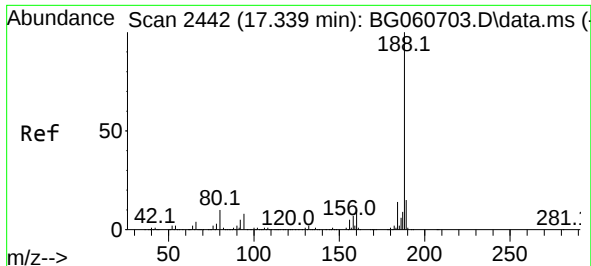
Tgt Ion:138 Resp: 3592
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#



#57
2,4-Dinitrotoluene
Concen: 10.438 ng
RT: 14.581 min Scan# 1973
Delta R.T. -0.360 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

Tgt Ion:165 Resp: 21342
Ion Ratio Lower Upper
165 100
63 1.8 43.4 65.0#
89 1.4 61.0 91.6#
182 0.0 1.8 2.6#

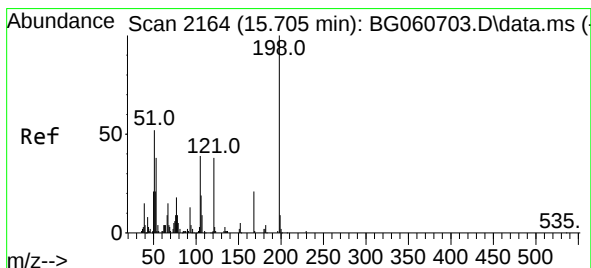
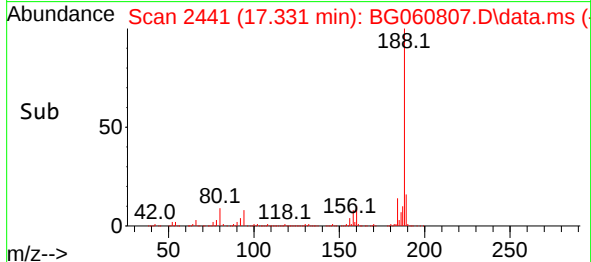
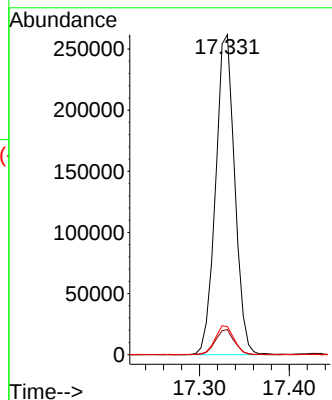
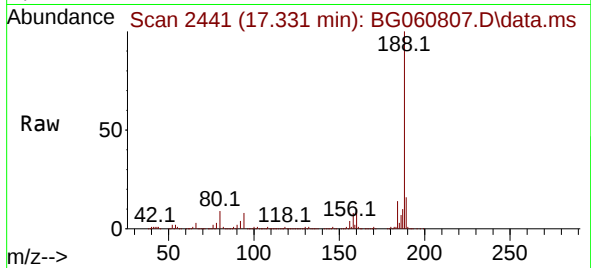




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.331 min Scan# 2442
Delta R.T. -0.008 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

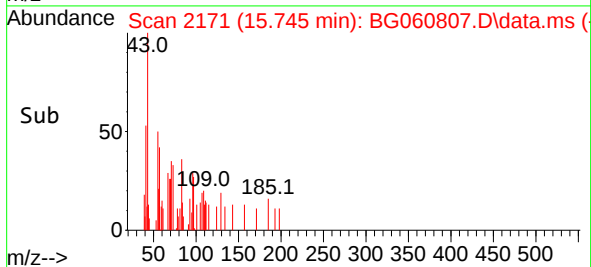
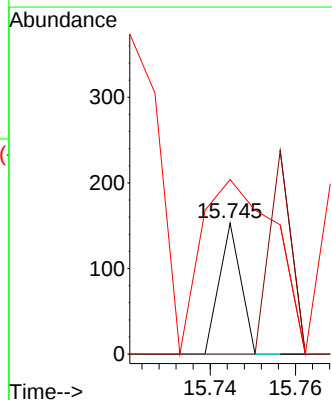
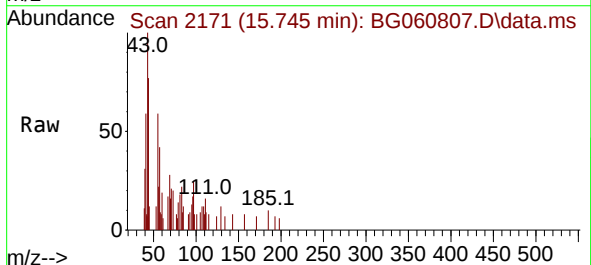
Instrument :
BNA_G
ClientSampleId :

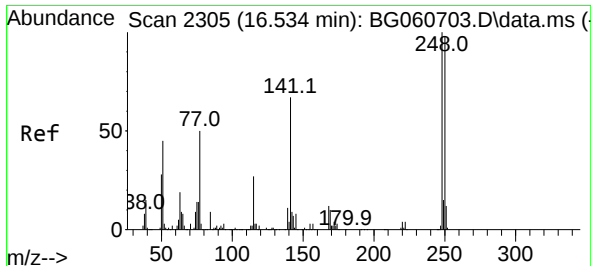
Tgt Ion:188 Resp: 386856
Ion Ratio Lower Upper
188 100
94 7.8 6.6 9.8
80 8.8 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.063 ng
RT: 15.745 min Scan# 2171
Delta R.T. 0.040 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

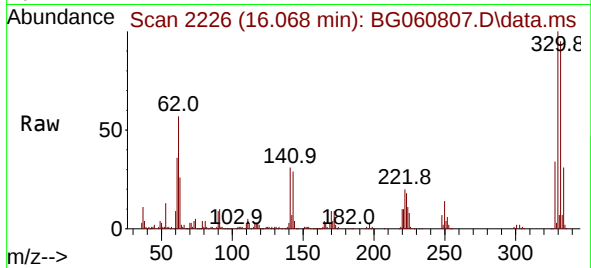
Tgt Ion:198 Resp: 54
Ion Ratio Lower Upper
198 100
51 0.0 36.7 76.7#
105 133.3 19.1 59.1#



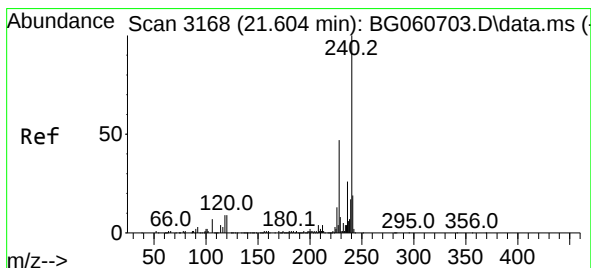
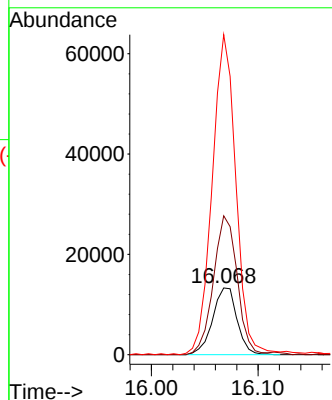
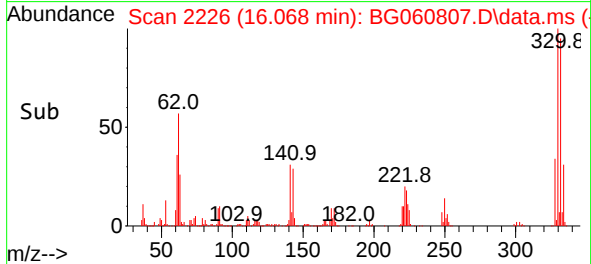


#67
4-Bromophenyl-phenylether
Concen: 5.375 ng
RT: 16.068 min Scan# 21101
Delta R.T. -0.466 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10

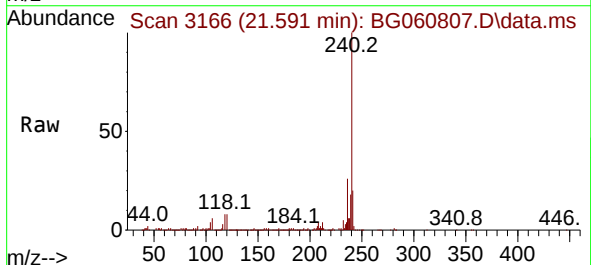
Instrument :
BNA_G
ClientSampleId :



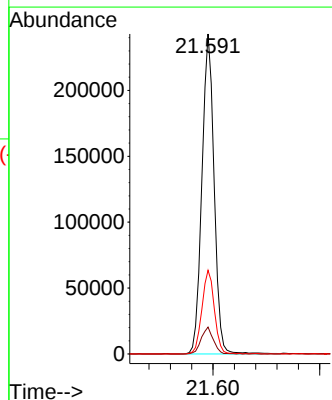
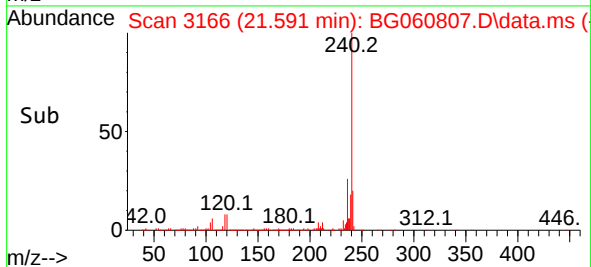
Tgt Ion:248 Resp: 21101
Ion Ratio Lower Upper
248 100
250 208.5 78.3 117.5#
141 480.1 53.7 80.5#

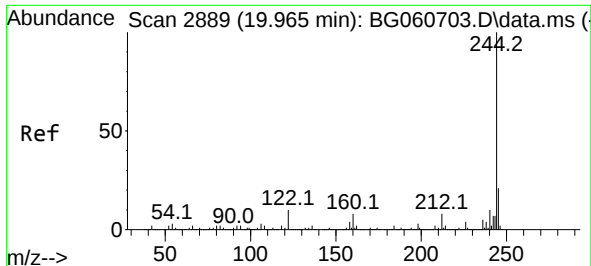


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.591 min Scan# 3166
Delta R.T. -0.014 min
Lab File: BG060807.D
Acq: 6 Apr 2024 12:10



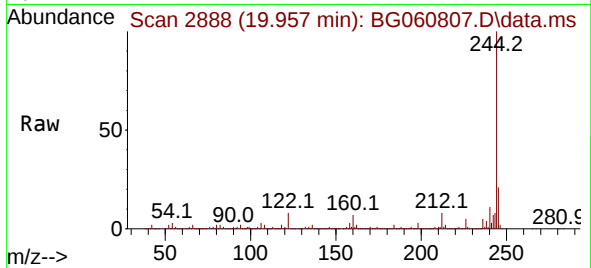
Tgt Ion:240 Resp: 385156
Ion Ratio Lower Upper
240 100
120 8.4 7.1 10.7
236 26.2 20.7 31.1





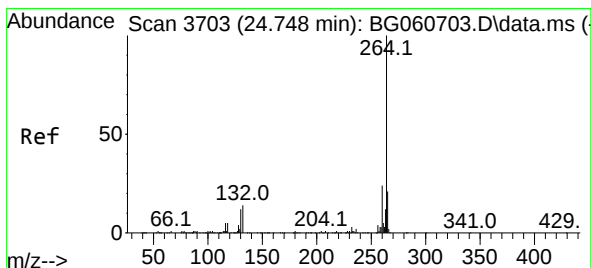
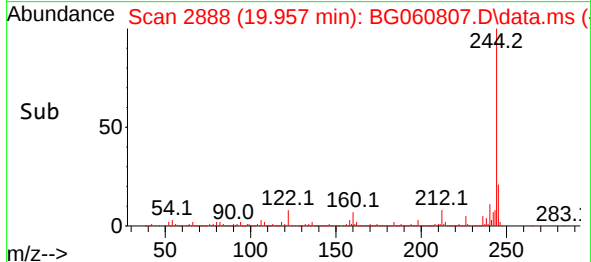
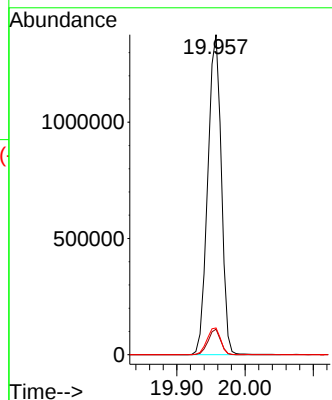
#79
 Terphenyl-d14
 Concen: 86.740 ng
 RT: 19.957 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG060807.D
 Acq: 6 Apr 2024 12:10

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 1897302

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	8.4	7.8	11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.734 min Scan# 3701
 Delta R.T. -0.014 min
 Lab File: BG060807.D
 Acq: 6 Apr 2024 12:10

Tgt Ion:264 Resp: 439858

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.9	16.9	25.3

