

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041224\
 Data File : BG060873.D
 Acq On : 12 Apr 2024 14:11
 Operator : MA/JU
 Sample : PB160167BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160167BL

Quant Time: Apr 12 14:47:42 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)

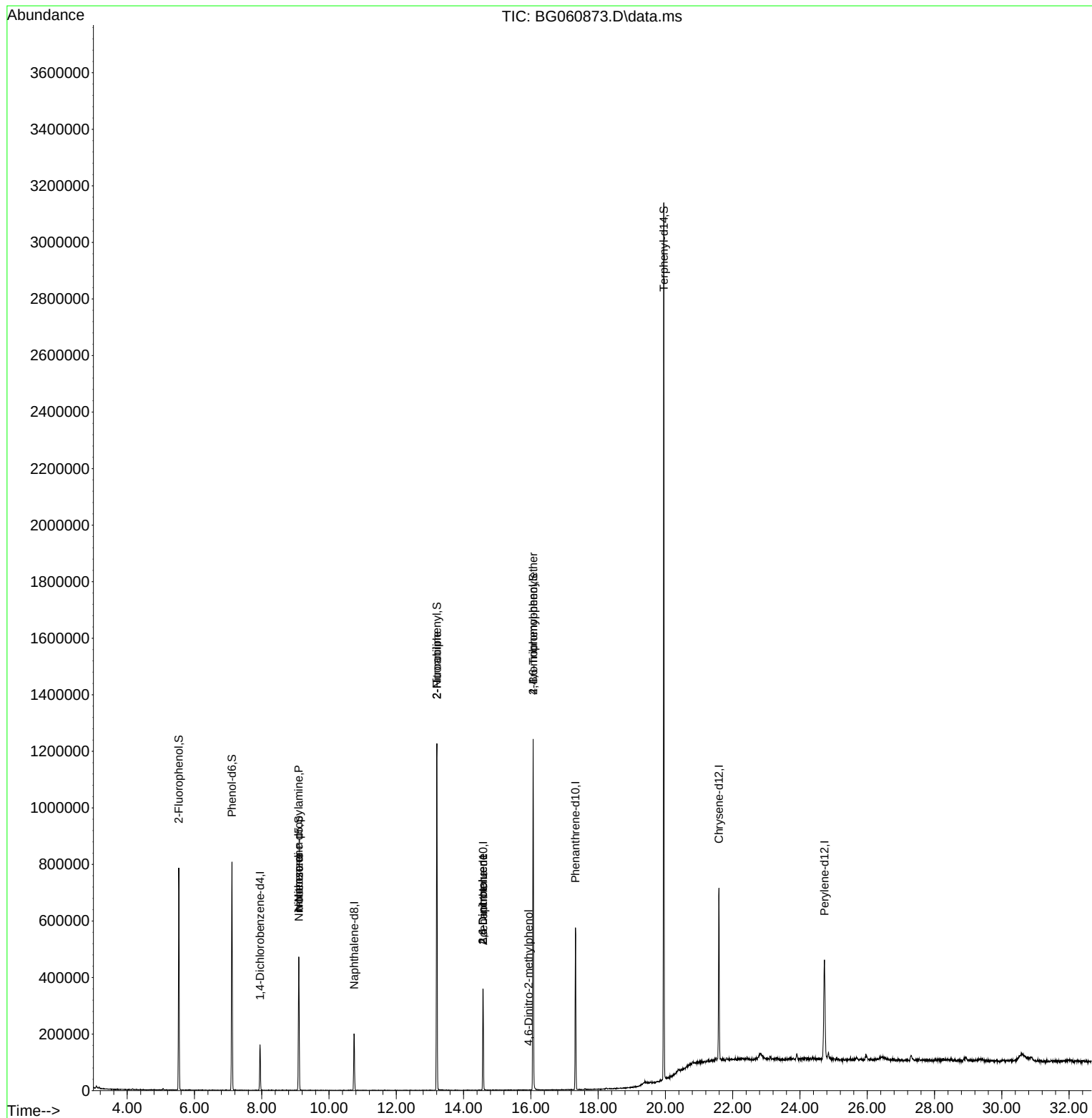
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	41251	20.000	ng	-0.01
21) Naphthalene-d8	10.746	136	158997	20.000	ng	-0.01
39) Acenaphthene-d10	14.582	164	133055	20.000	ng	0.00
64) Phenanthrene-d10	17.326	188	366467	20.000	ng	-0.01
76) Chrysene-d12	21.592	240	358892	20.000	ng	-0.01
86) Perylene-d12	24.729	264	406515	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	286846	115.840	ng	0.00
7) Phenol-d6	7.115	99	390546	106.252	ng	0.00
23) Nitrobenzene-d5	9.100	82	254605	91.374	ng	-0.01
42) 2,4,6-Tribromophenol	16.069	330	247860	164.103	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	645556	71.206	ng	-0.01
79) Terphenyl-d14	19.952	244	1539745	75.545	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.100	70	34159	12.186	ng	# 77
24) Nitrobenzene	9.106	77	869	3.037	ng	# 24
48) 2-Nitroaniline	13.207	65	1009	3.251	ng	# 1
51) 2,6-Dinitrotoluene	14.576	165	17402	12.063	ng	# 17
57) 2,4-Dinitrotoluene	14.576	165	17402	10.149	ng	# 18
65) 4,6-Dinitro-2-methylph...	15.934	198	59	7.067	ng	# 28
67) 4-Bromophenyl-phenylether	16.069	248	16069	4.321	ng	# 1

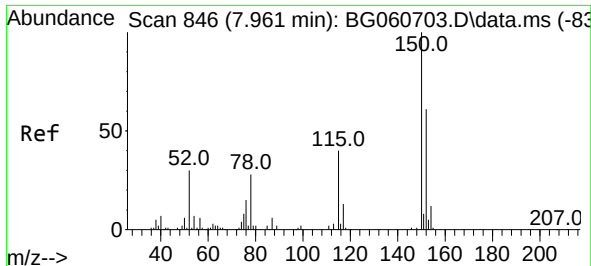
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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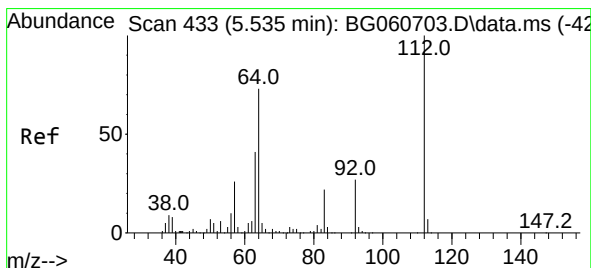
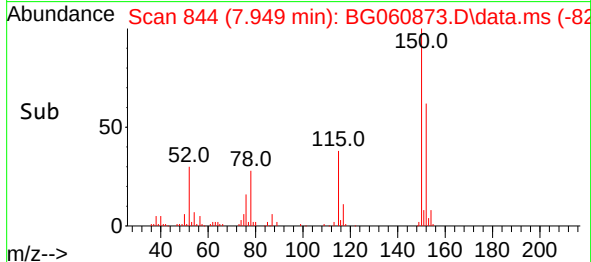
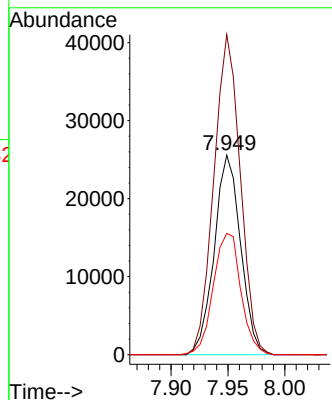
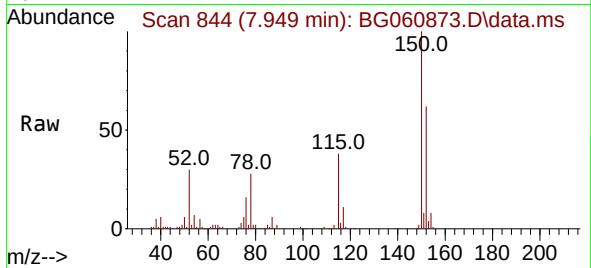




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.949 min Scan# 846
Delta R.T. -0.012 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

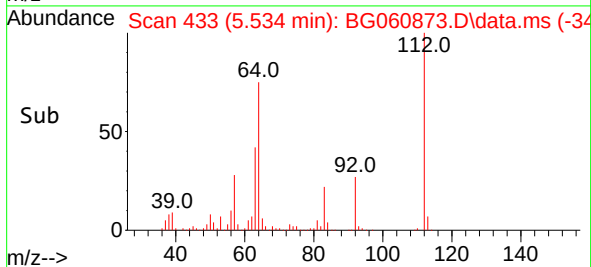
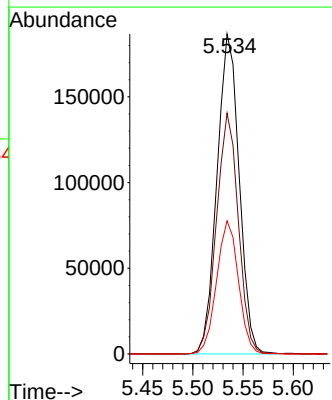
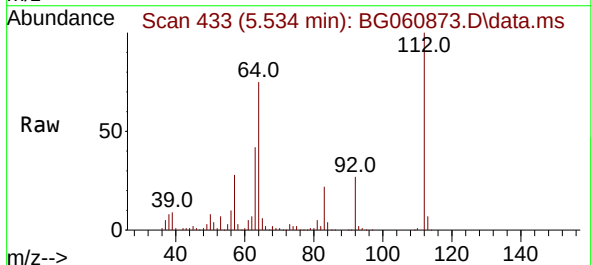
Instrument :
BNA_G
ClientSampleId :
PB160167BL

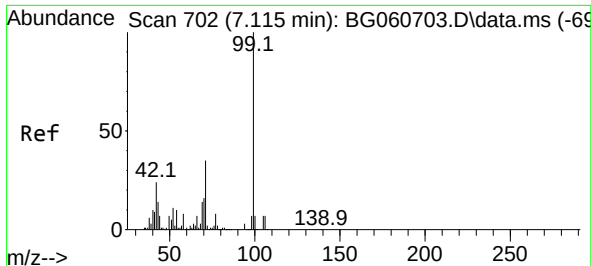
Tgt Ion:152 Resp: 41251
Ion Ratio Lower Upper
152 100
150 160.4 130.2 195.4
115 60.7 51.6 77.4



#5
2-Fluorophenol
Concen: 115.840 ng
RT: 5.534 min Scan# 433
Delta R.T. -0.001 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

Tgt Ion:112 Resp: 286846
Ion Ratio Lower Upper
112 100
64 75.2 58.4 87.6
63 41.6 32.7 49.1

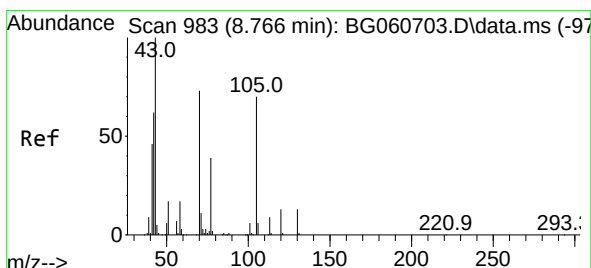
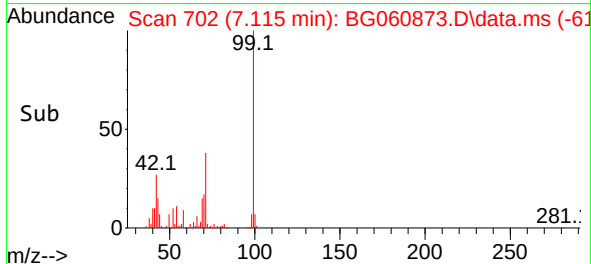
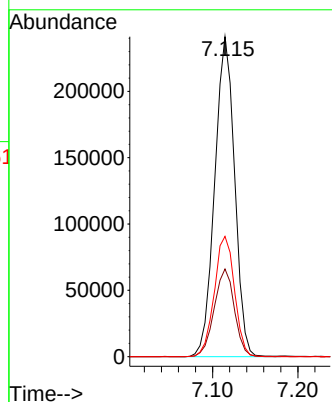
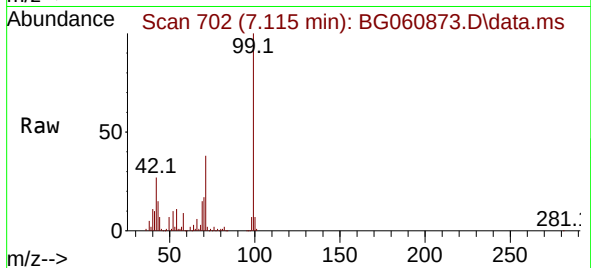




#7
Phenol-d6
Concen: 106.252 ng
RT: 7.115 min Scan# 70
Delta R.T. -0.001 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

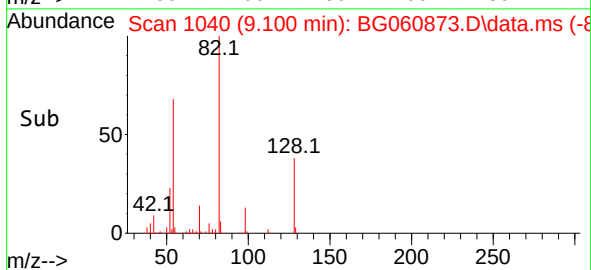
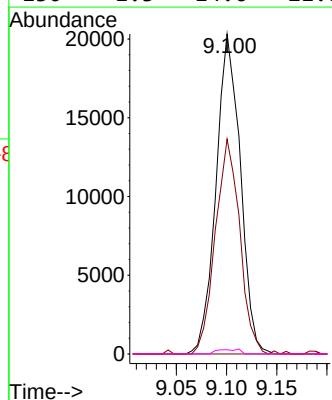
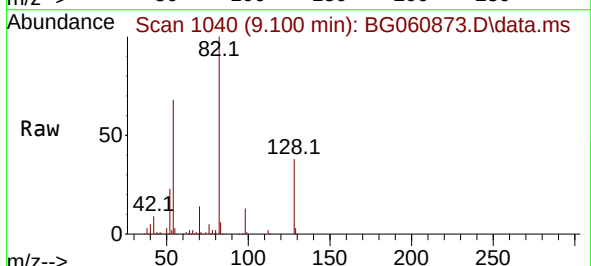
Instrument :
BNA_G
ClientSampleId :
PB160167BL

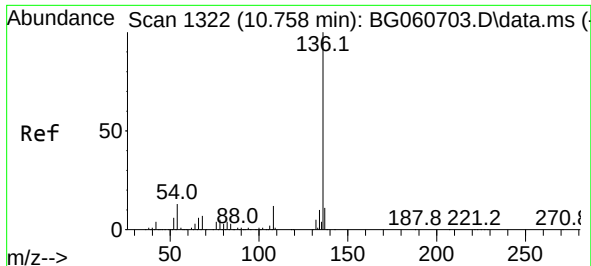
Tgt Ion: 99 Resp: 390546
Ion Ratio Lower Upper
99 100
42 27.4 19.4 29.2
71 37.6 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.186 ng
RT: 9.100 min Scan# 1040
Delta R.T. 0.334 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

Tgt Ion: 70 Resp: 34159
Ion Ratio Lower Upper
70 100
42 67.1 68.4 102.6#
101 0.0 6.1 9.1#
130 1.3 14.6 21.8#

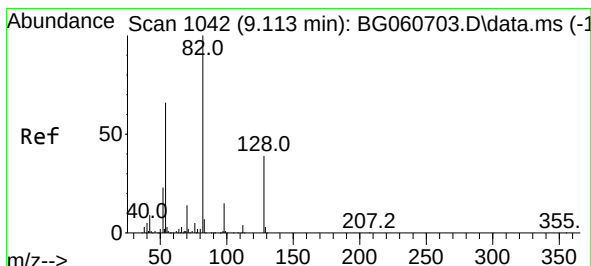
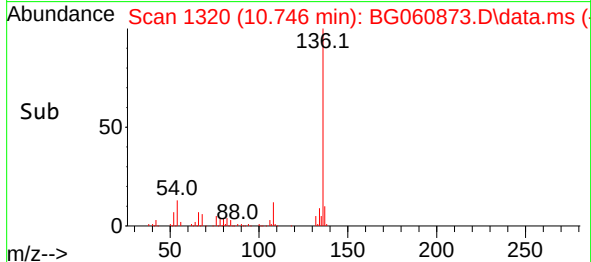
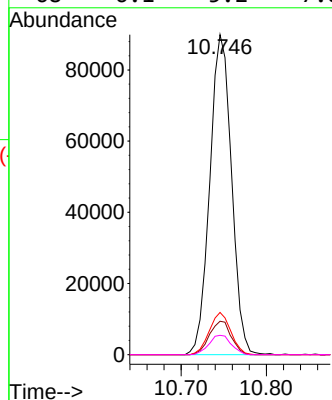
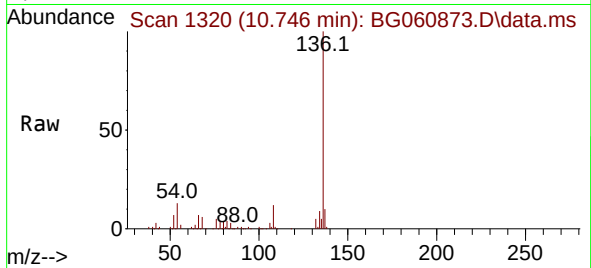




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

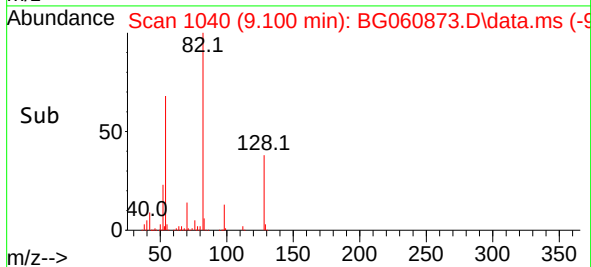
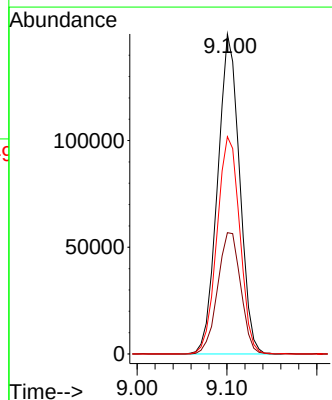
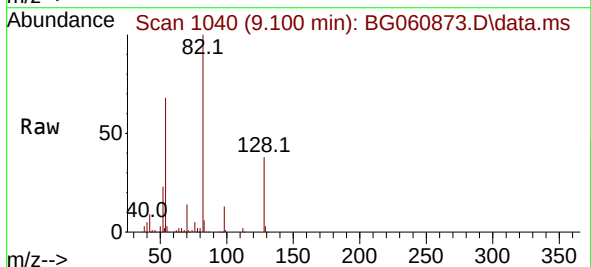
Instrument :
BNA_G
ClientSampleId :
PB160167BL

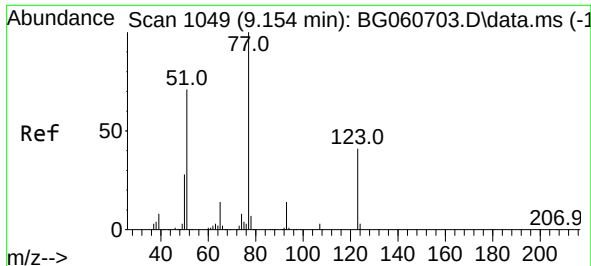
Tgt Ion:	136	Resp:	158997
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	13.2	10.2	15.2
68	6.1	5.2	7.8



#23
Nitrobenzene-d5
Concen: 91.374 ng
RT: 9.100 min Scan# 1040
Delta R.T. -0.013 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

Tgt Ion:	82	Resp:	254605
Ion	Ratio	Lower	Upper
82	100		
128	37.9	31.2	46.8
54	67.9	53.2	79.8

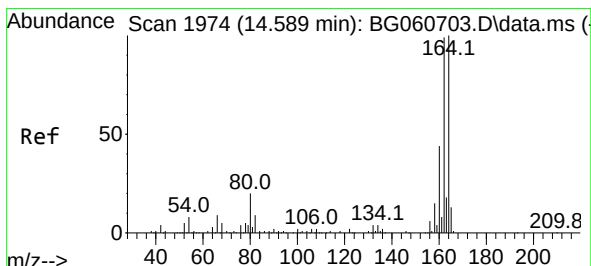
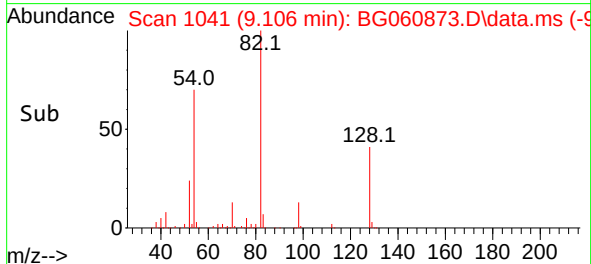
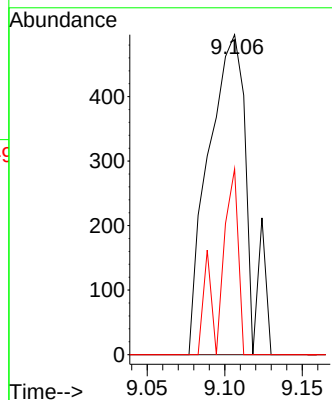
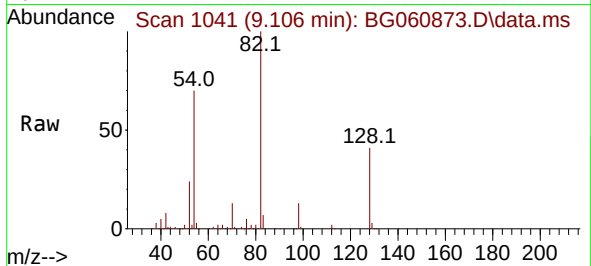




#24
Nitrobenzene
Concen: 3.037 ng
RT: 9.106 min Scan# 1041
Delta R.T. -0.048 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

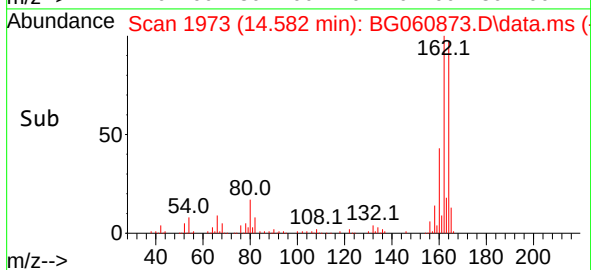
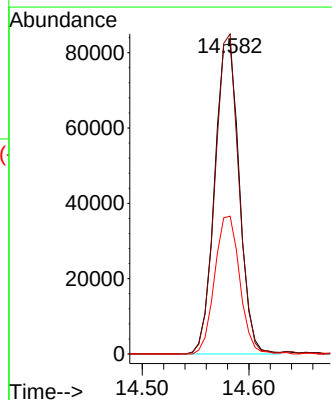
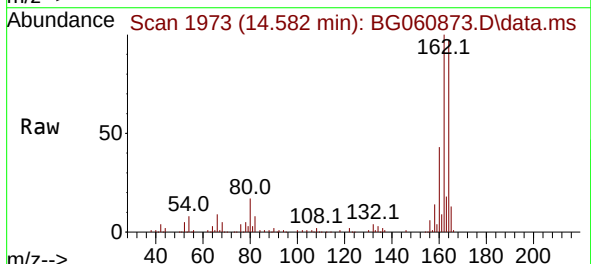
Instrument :
BNA_G
ClientSampleId :
PB160167BL

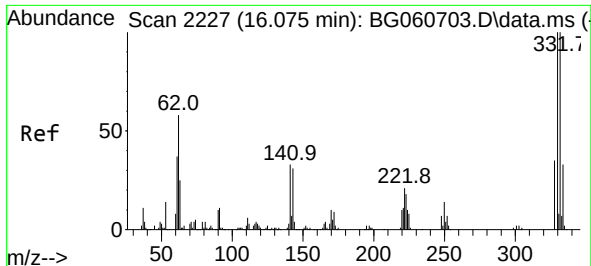
Tgt Ion: 77 Resp: 869
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 58.1 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.582 min Scan# 1973
Delta R.T. -0.007 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

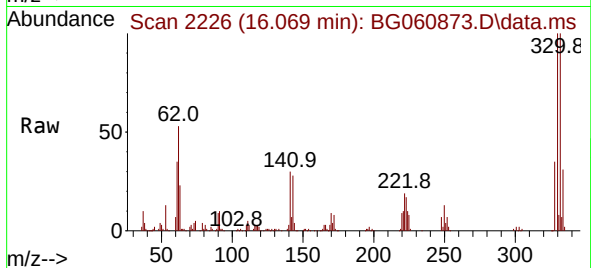
Tgt Ion: 164 Resp: 133055
Ion Ratio Lower Upper
164 100
162 103.2 79.5 119.3
160 44.5 35.4 53.0



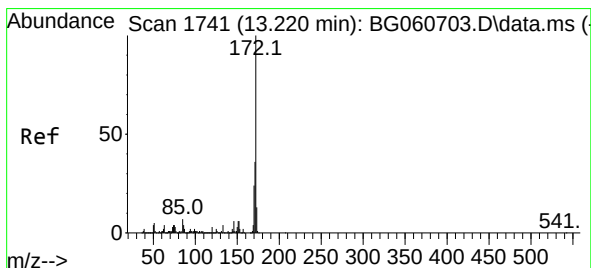
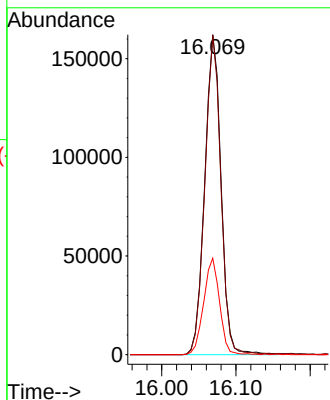
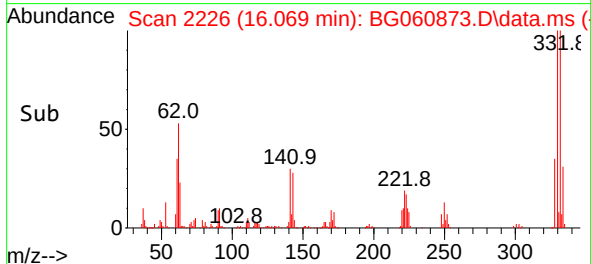


#42
2,4,6-Tribromophenol
Concen: 164.103 ng
RT: 16.069 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

Instrument :
BNA_G
ClientSampleId :
PB160167BL

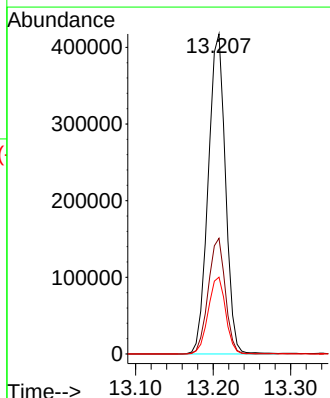
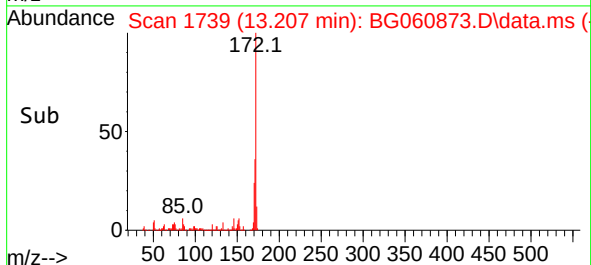
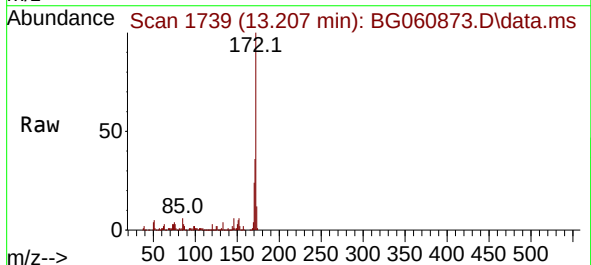


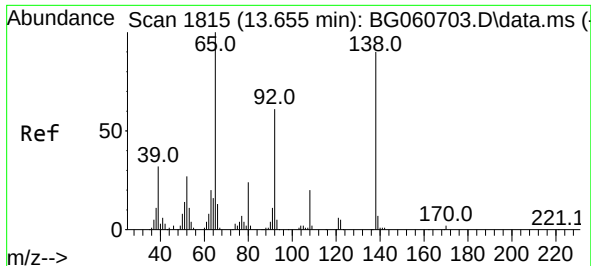
Tgt Ion:330 Resp: 247860
Ion Ratio Lower Upper
330 100
332 98.1 78.2 117.4
141 29.3 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 71.206 ng
RT: 13.207 min Scan# 1739
Delta R.T. -0.013 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

Tgt Ion:172 Resp: 645556
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.0 19.4 29.0

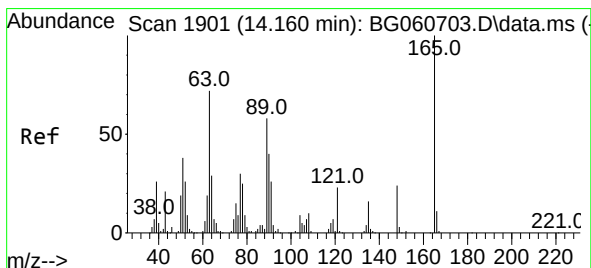
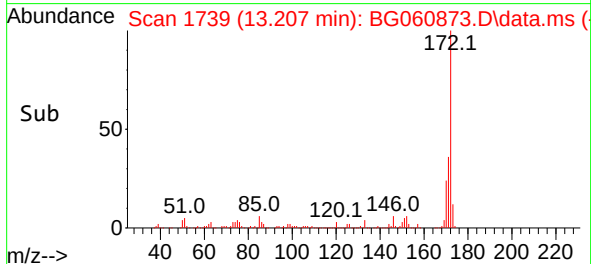
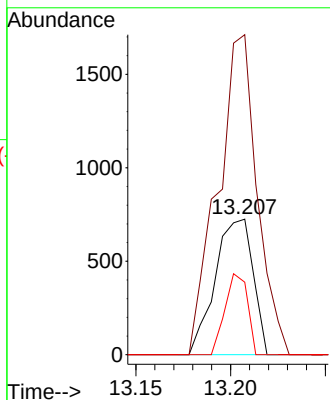
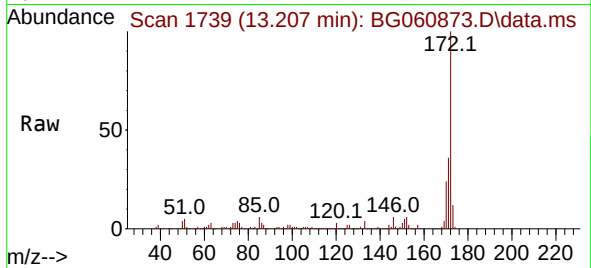




#48
2-Nitroaniline
Concen: 3.251 ng
RT: 13.207 min Scan# 11
Delta R.T. -0.448 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

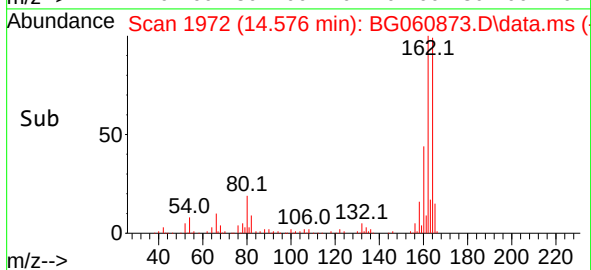
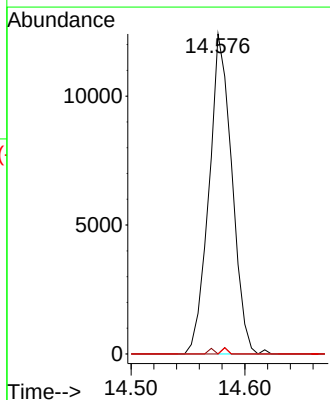
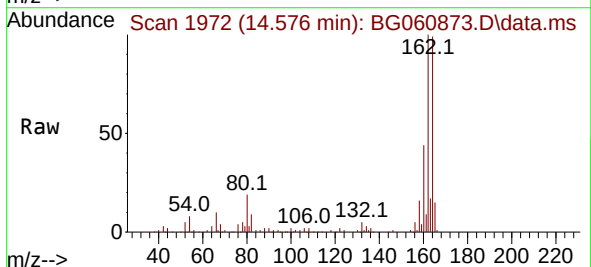
Instrument :
BNA_G
ClientSampleId :
PB160167BL

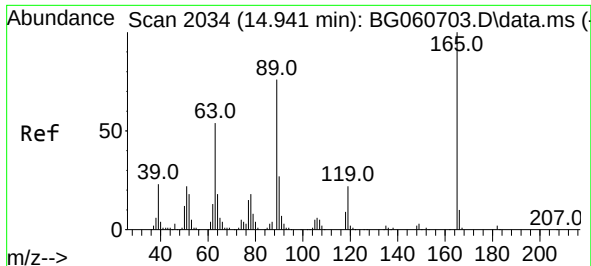
Tgt Ion: 65 Resp: 1009
Ion Ratio Lower Upper
65 100
92 236.1 48.6 72.8#
138 53.5 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 12.063 ng
RT: 14.576 min Scan# 1972
Delta R.T. 0.416 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

Tgt Ion:165 Resp: 17402
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.4#
89 0.0 46.1 69.1#





#57

2,4-Dinitrotoluene

Concen: 10.149 ng

RT: 14.576 min Scan# 14

Delta R.T. -0.365 min

Lab File: BG060873.D

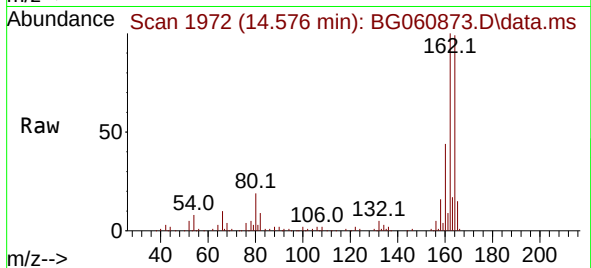
Acq: 12 Apr 2024 14:11

Instrument :

BNA_G

ClientSampleId :

PB160167BL



Tgt Ion:165 Resp: 17402

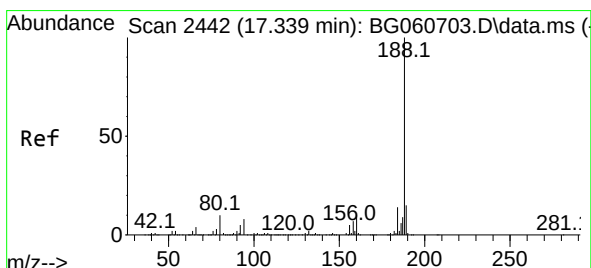
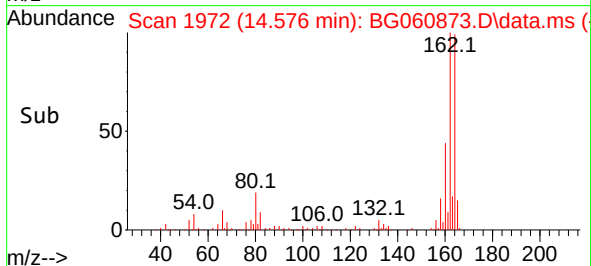
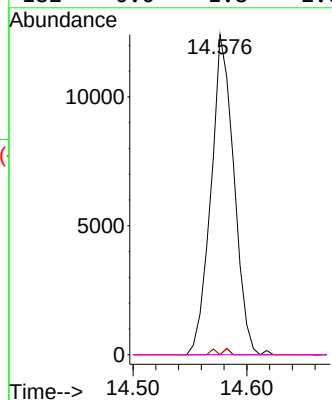
Ion Ratio Lower Upper

165 100

63 0.0 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: 17.326 min Scan# 2440

Delta R.T. -0.013 min

Lab File: BG060873.D

Acq: 12 Apr 2024 14:11

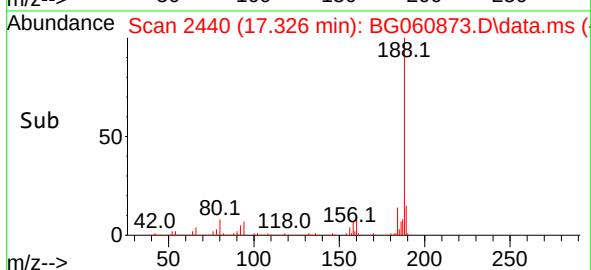
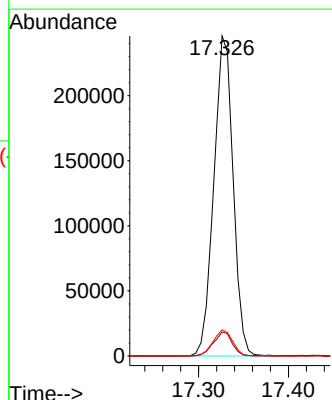
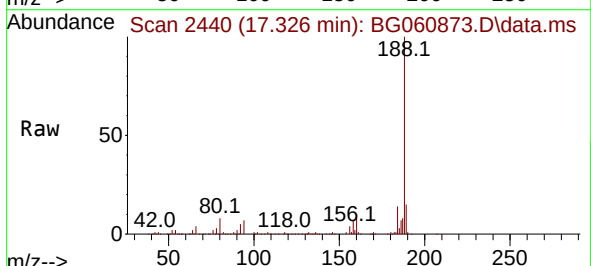
Tgt Ion:188 Resp: 366467

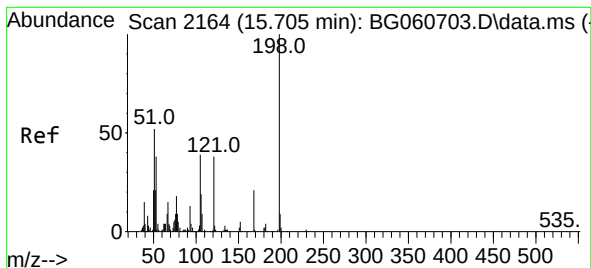
Ion Ratio Lower Upper

188 100

94 7.5 6.6 9.8

80 8.2 7.6 11.4

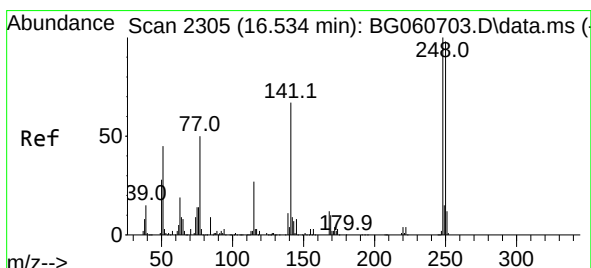
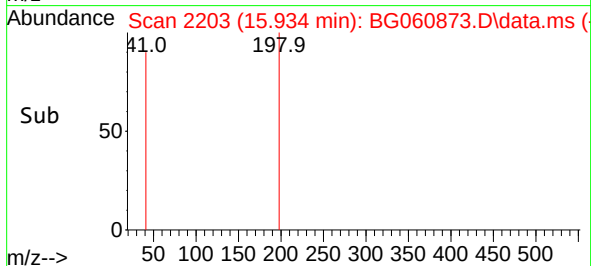
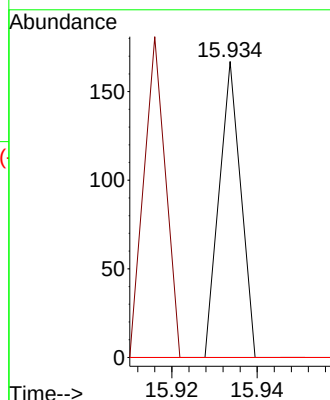
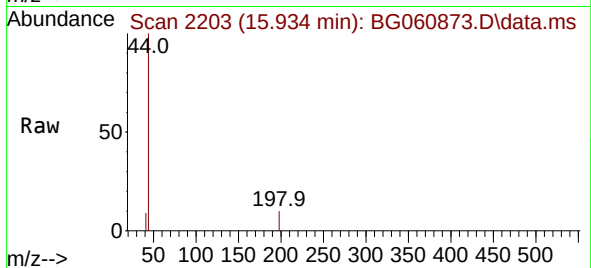




#65
4,6-Dinitro-2-methylphenol
Concen: 7.067 ng
RT: 15.934 min Scan# 2164
Delta R.T. 0.229 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

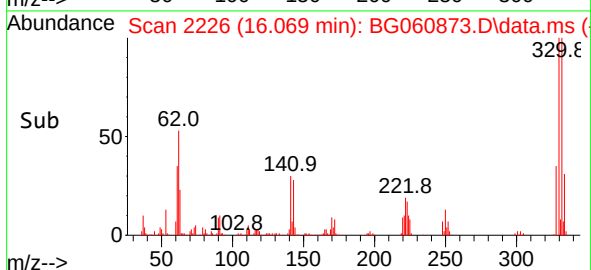
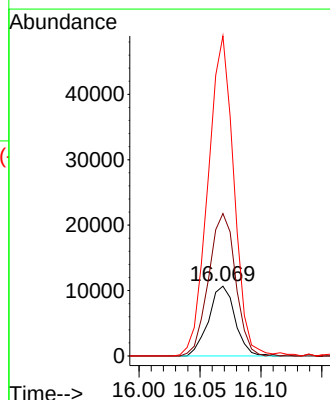
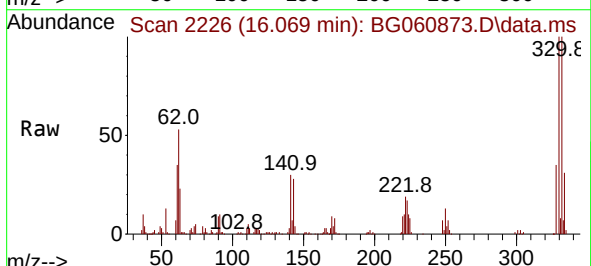
Instrument :
BNA_G
ClientSampleId :
PB160167BL

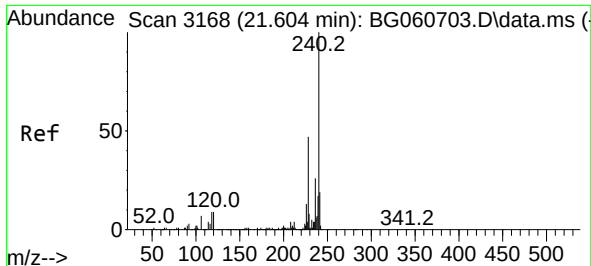
Tgt Ion:198 Resp: 59
Ion Ratio Lower Upper
198 100
51 0.0 36.7 76.7#
105 0.0 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 4.321 ng
RT: 16.069 min Scan# 2226
Delta R.T. -0.465 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

Tgt Ion:248 Resp: 16069
Ion Ratio Lower Upper
248 100
250 204.0 78.3 117.5#
141 458.2 53.7 80.5#

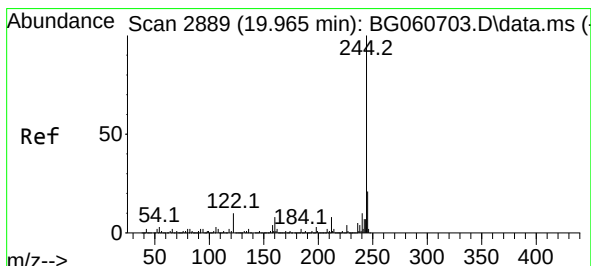
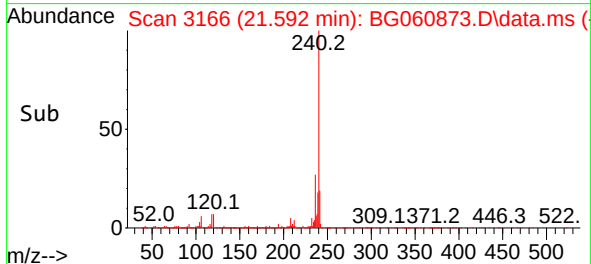
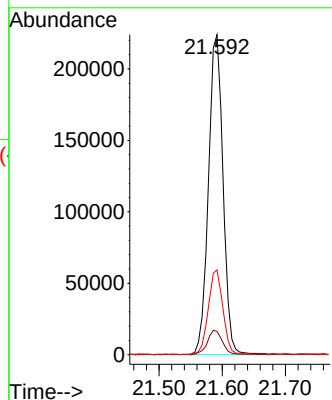
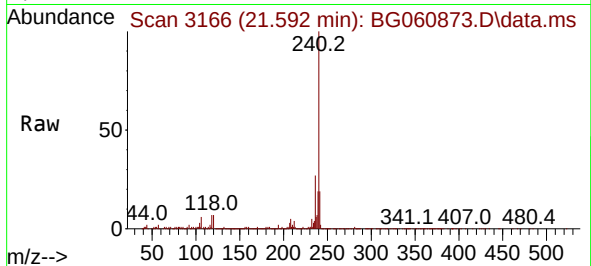




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3166
Delta R.T. -0.013 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

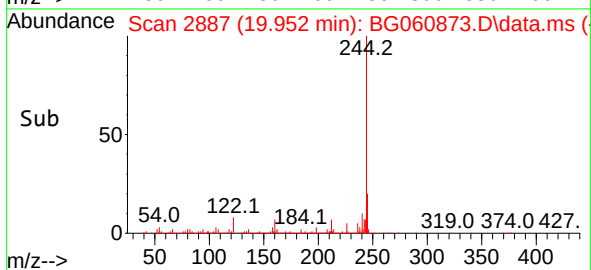
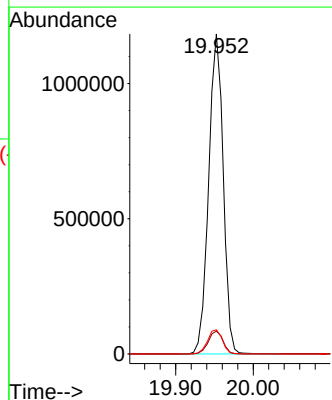
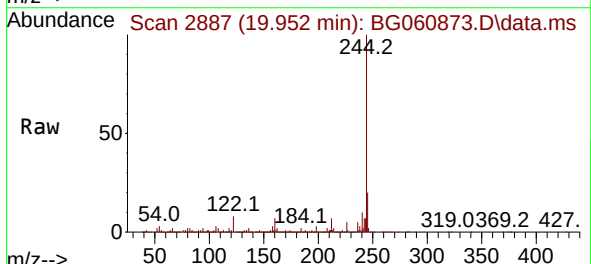
Instrument :
BNA_G
ClientSampleId :
PB160167BL

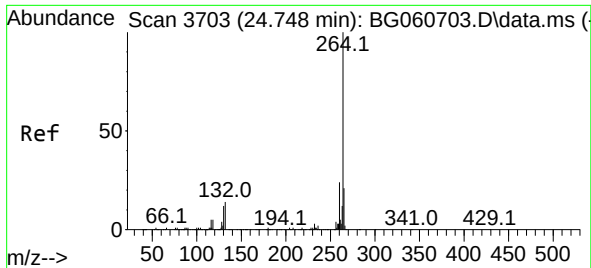
Tgt Ion:240 Resp: 358892
Ion Ratio Lower Upper
240 100
120 7.3 7.1 10.7
236 26.5 20.7 31.1



#79
Terphenyl-d14
Concen: 75.545 ng
RT: 19.952 min Scan# 2887
Delta R.T. -0.013 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

Tgt Ion:244 Resp: 1539745
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.2
122 7.6 7.8 11.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.729 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG060873.D
Acq: 12 Apr 2024 14:11

Instrument :
BNA_G
ClientSampleId :
PB160167BL

Tgt Ion:264 Resp: 406515

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	20.7	16.9	25.3

