

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041624\
 Data File : BG060912.D
 Acq On : 16 Apr 2024 13:51
 Operator : MA/JU
 Sample : PB160120BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160120BL

Quant Time: Apr 16 15:04:02 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)

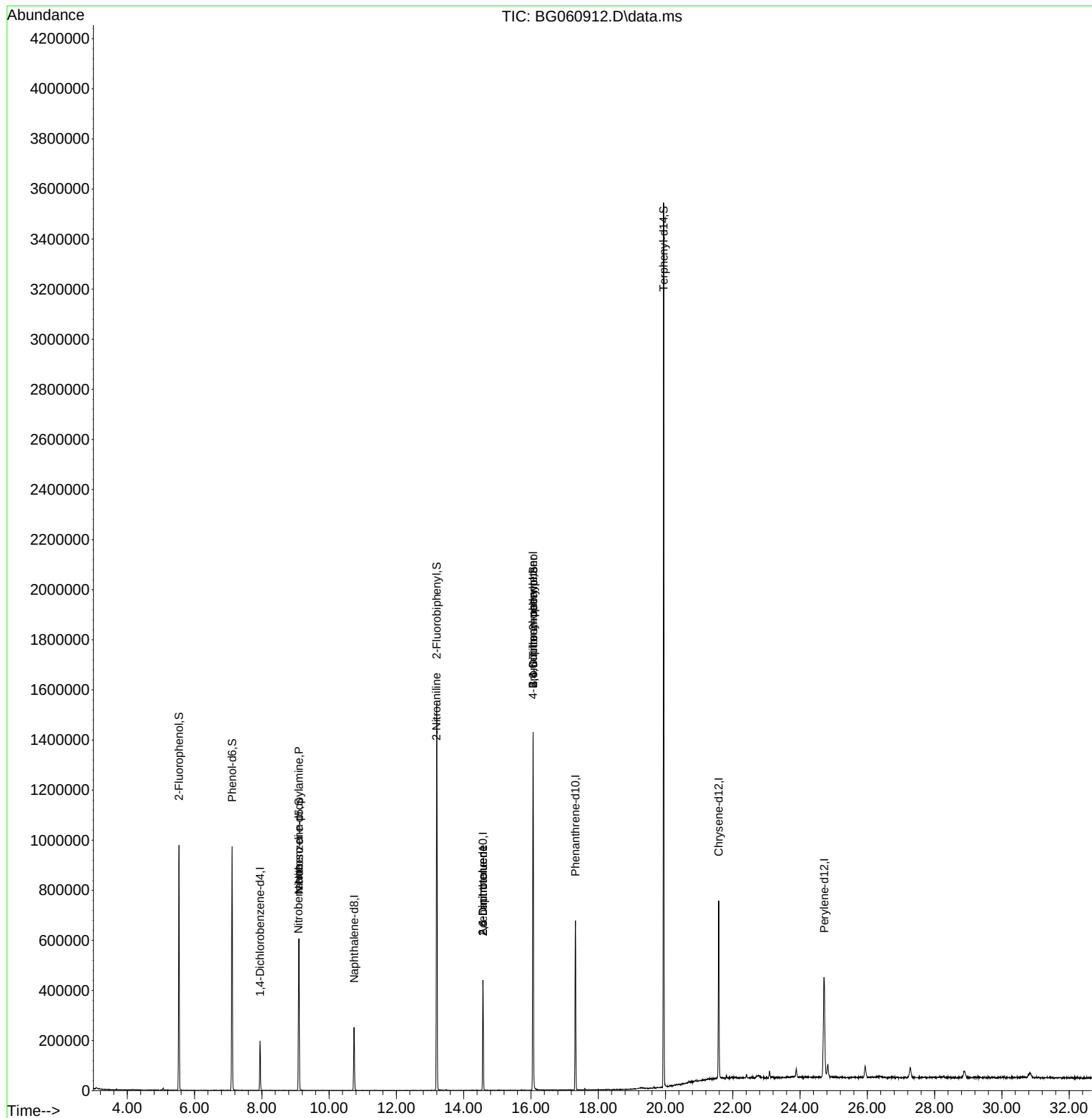
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	51189	20.000	ng	-0.01
21) Naphthalene-d8	10.743	136	199793	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	160907	20.000	ng	-0.02
64) Phenanthrene-d10	17.324	188	439391	20.000	ng	-0.02
76) Chrysene-d12	21.583	240	424861	20.000	ng	-0.02
86) Perylene-d12	24.715	264	484252	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	362880	118.095	ng	0.00
7) Phenol-d6	7.118	99	488356	107.068	ng	0.00
23) Nitrobenzene-d5	9.104	82	334845	95.633	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	307915	168.577	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	823077	75.073	ng	-0.02
79) Terphenyl-d14	19.944	244	1850426	76.691	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.104	70	45917	13.201	ng	# 72
24) Nitrobenzene	9.092	77	1241	3.073	ng	# 32
48) 2-Nitroaniline	13.193	65	1402	3.320	ng	# 20
51) 2,6-Dinitrotoluene	14.574	165	20698	11.922	ng	# 17
57) 2,4-Dinitrotoluene	14.574	165	20698	10.036	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.066	198	1028	7.518	ng	# 38
67) 4-Bromophenyl-phenylether	16.060	248	20291	4.550	ng	# 1

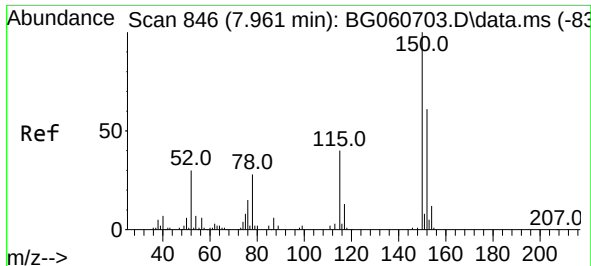
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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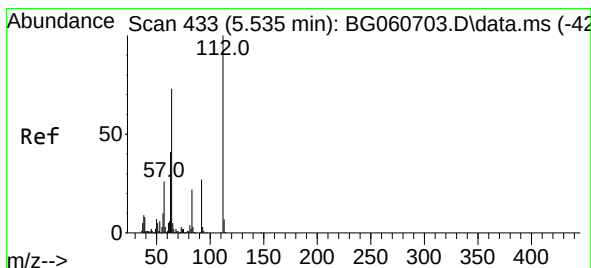
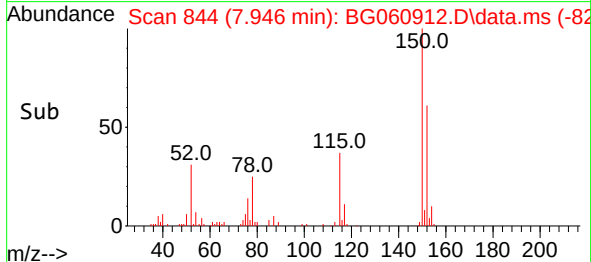
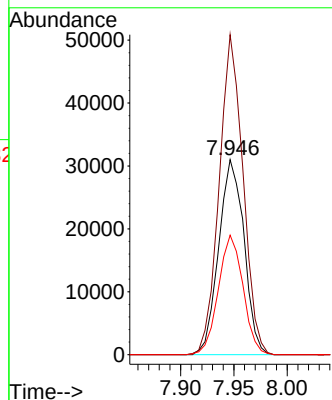
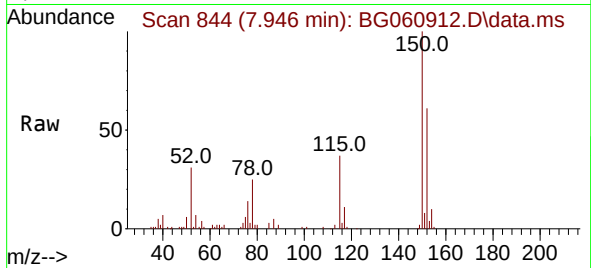




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.946 min Scan# 846
Delta R.T. -0.015 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

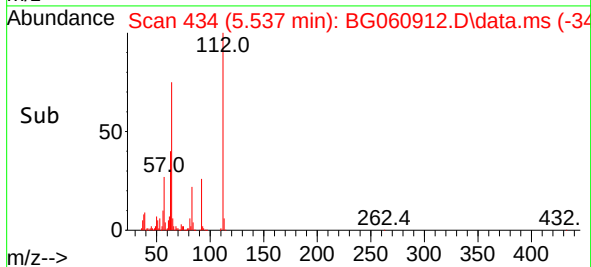
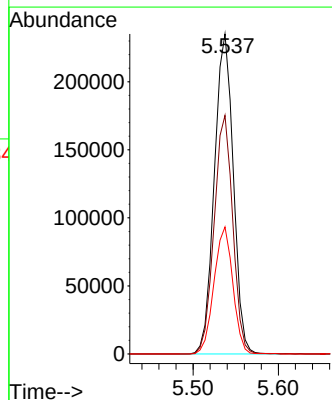
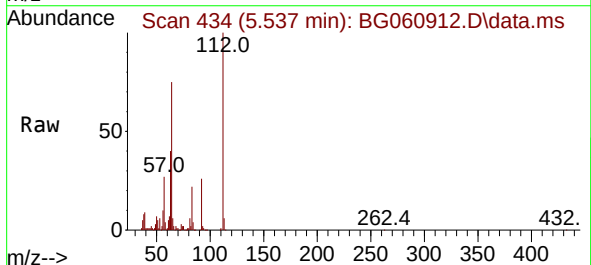
Instrument :
BNA_G
ClientSampleId :
PB160120BL

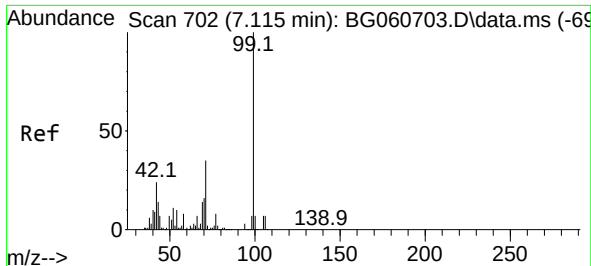
Tgt Ion:152 Resp: 51189
Ion Ratio Lower Upper
152 100
150 164.1 130.2 195.4
115 61.3 51.6 77.4



#5
2-Fluorophenol
Concen: 118.095 ng
RT: 5.537 min Scan# 434
Delta R.T. 0.003 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

Tgt Ion:112 Resp: 362880
Ion Ratio Lower Upper
112 100
64 74.6 58.4 87.6
63 39.7 32.7 49.1

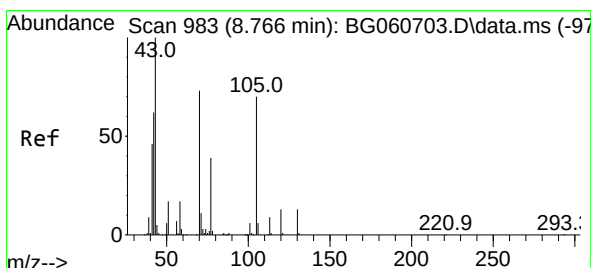
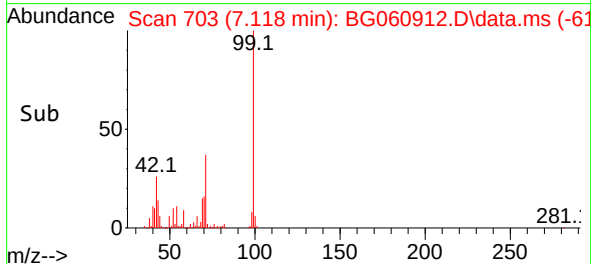
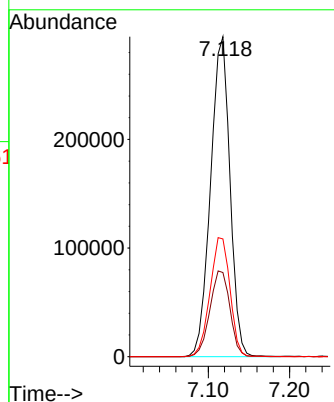
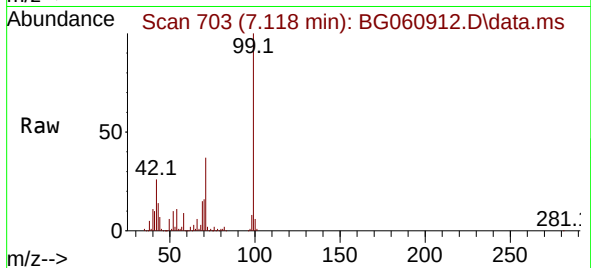




#7
Phenol-d6
Concen: 107.068 ng
RT: 7.118 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

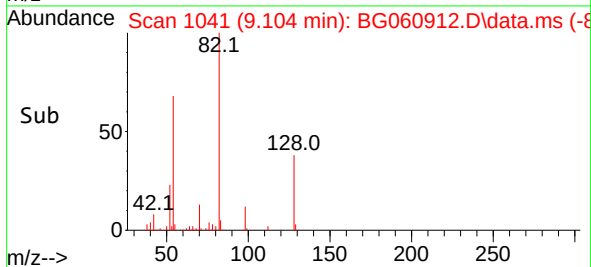
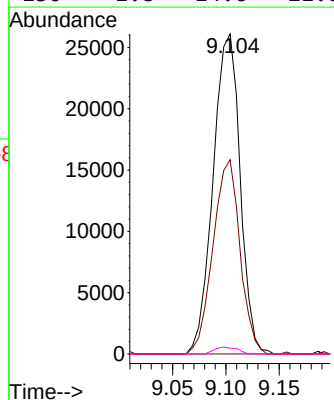
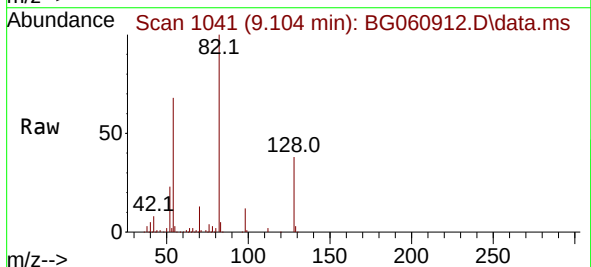
Instrument :
BNA_G
ClientSampleId :
PB160120BL

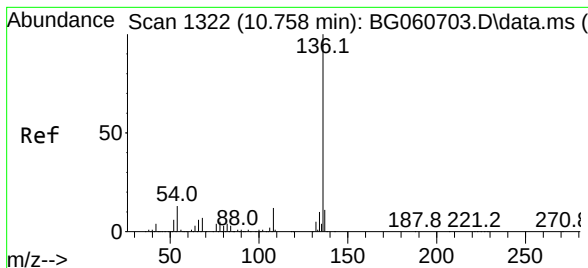
Tgt Ion: 99 Resp: 488356
Ion Ratio Lower Upper
99 100
42 26.3 19.4 29.2
71 36.8 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.201 ng
RT: 9.104 min Scan# 1041
Delta R.T. 0.338 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

Tgt Ion: 70 Resp: 45917
Ion Ratio Lower Upper
70 100
42 60.7 68.4 102.6#
101 0.0 6.1 9.1#
130 1.8 14.6 21.8#



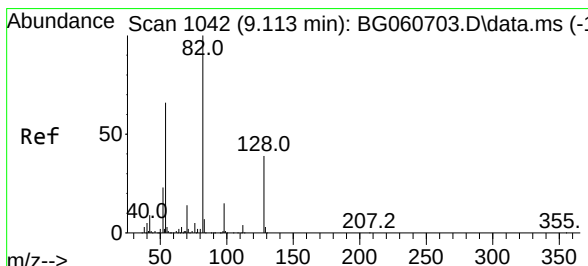
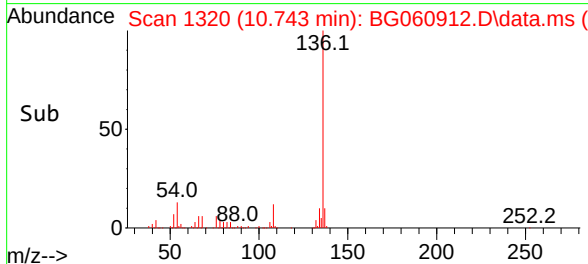
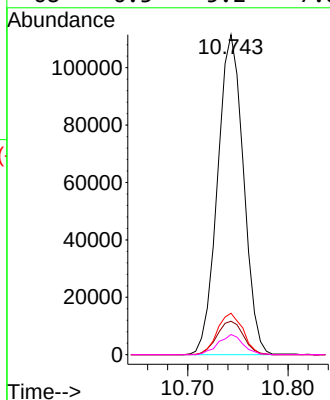
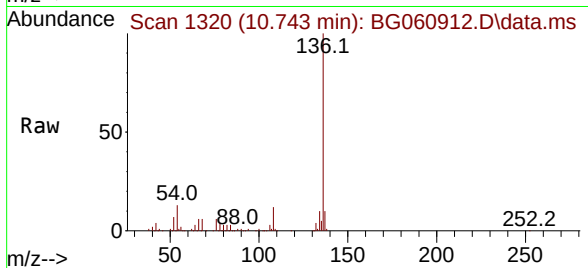


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

Instrument :
BNA_G
ClientSampleId :
PB160120BL

Tgt Ion:136 Resp: 199793

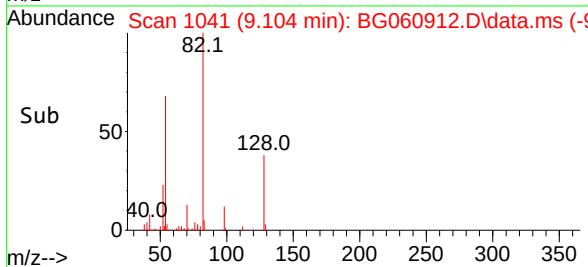
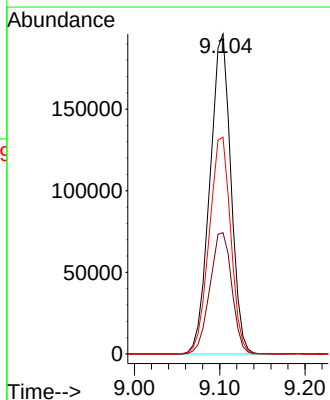
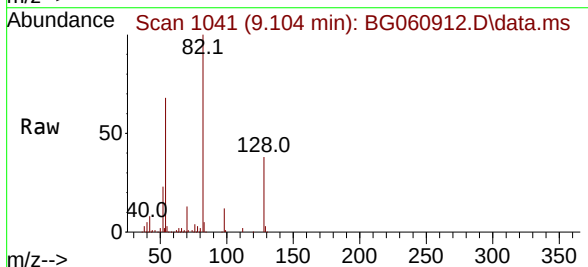
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	13.0	10.2	15.2
68	6.3	5.2	7.8

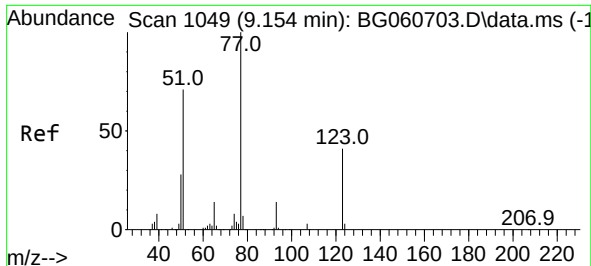


#23
Nitrobenzene-d5
Concen: 95.633 ng
RT: 9.104 min Scan# 1041
Delta R.T. -0.009 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

Tgt Ion: 82 Resp: 334845

Ion	Ratio	Lower	Upper
82	100		
128	37.9	31.2	46.8
54	67.8	53.2	79.8

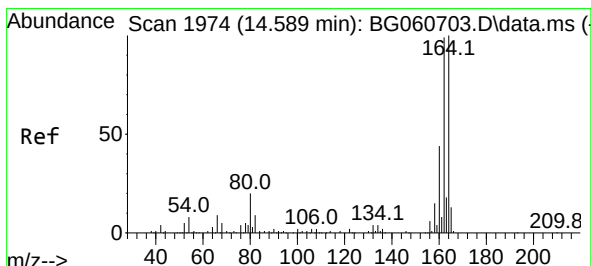
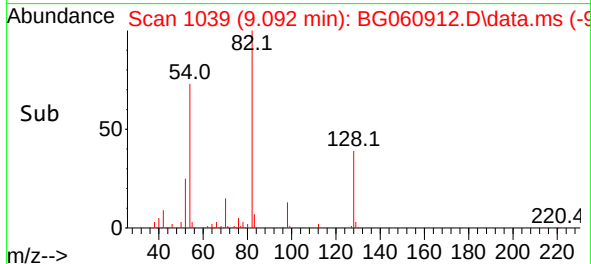
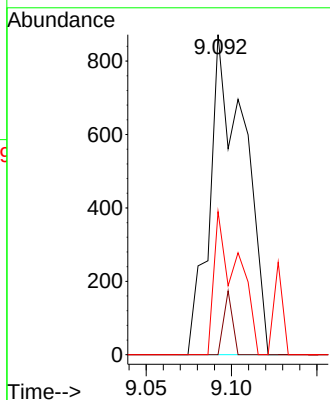
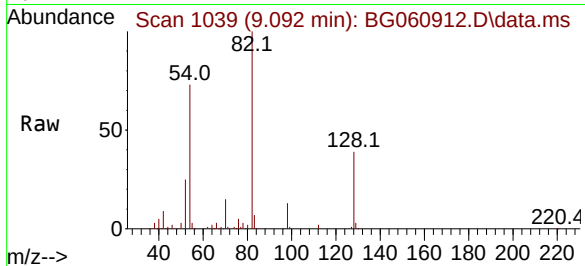




#24
Nitrobenzene
Concen: 3.073 ng
RT: 9.092 min Scan# 1039
Delta R.T. -0.062 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

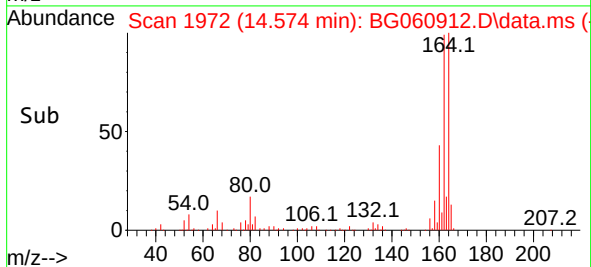
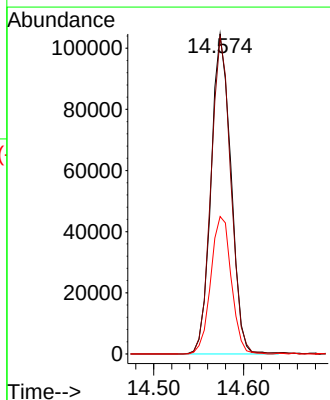
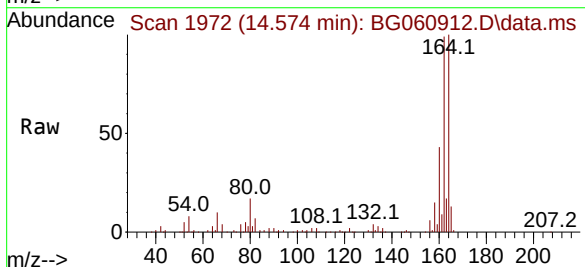
Instrument :
BNA_G
ClientSampleId :
PB160120BL

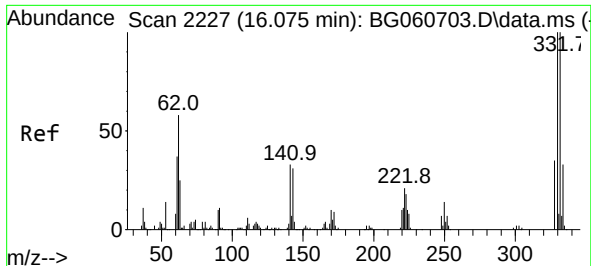
Tgt Ion: 77 Resp: 1241
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 44.7 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1972
Delta R.T. -0.015 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

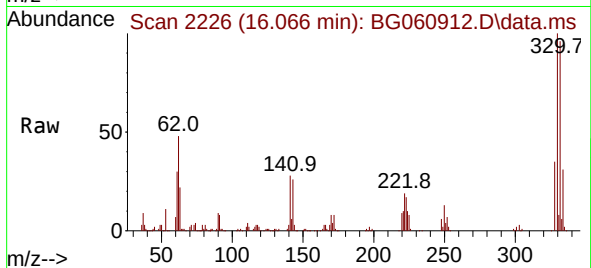
Tgt Ion:164 Resp: 160907
Ion Ratio Lower Upper
164 100
162 99.1 79.5 119.3
160 42.9 35.4 53.0



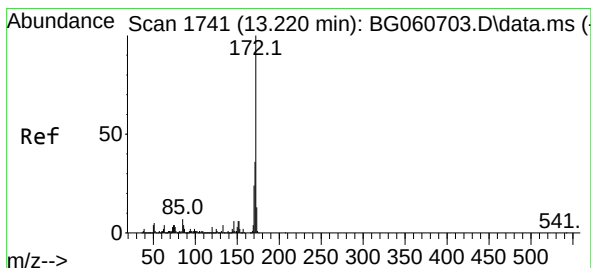
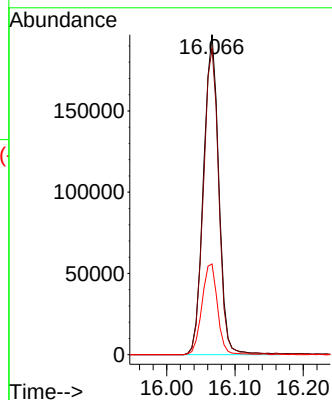
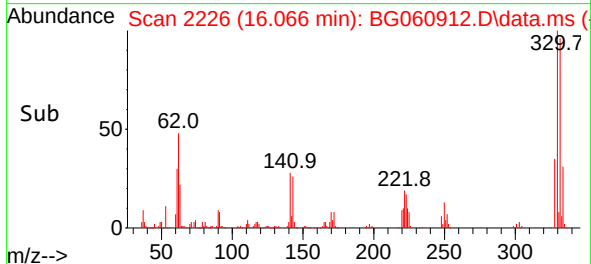


#42
2,4,6-Tribromophenol
Concen: 168.577 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

Instrument :
BNA_G
ClientSampleId :
PB160120BL

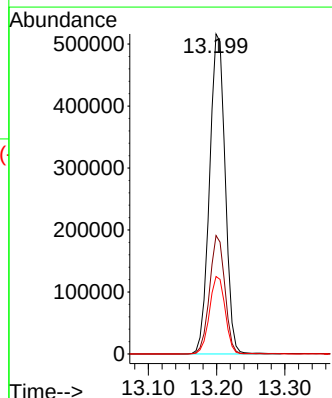
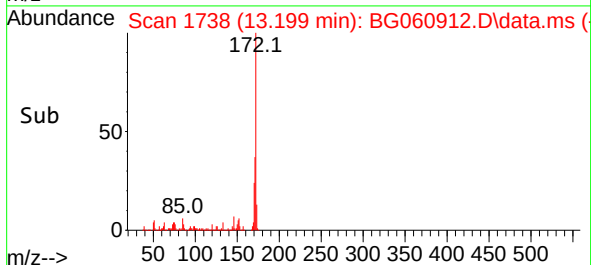
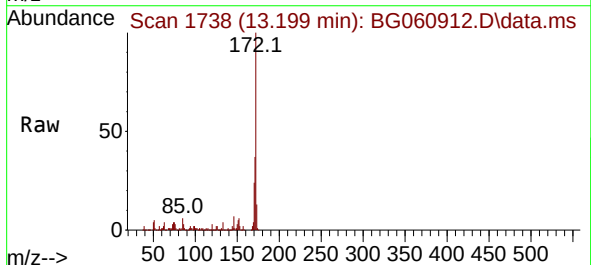


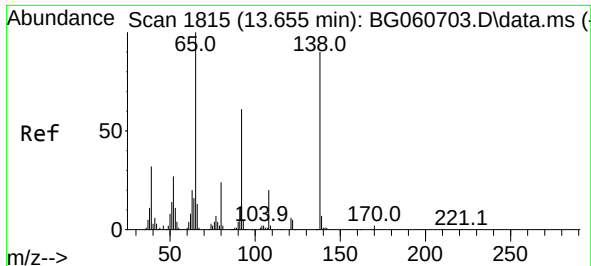
Tgt Ion:330 Resp: 307915
Ion Ratio Lower Upper
330 100
332 95.9 78.2 117.4
141 28.7 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 75.073 ng
RT: 13.199 min Scan# 1738
Delta R.T. -0.021 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

Tgt Ion:172 Resp: 823077
Ion Ratio Lower Upper
172 100
171 37.0 28.7 43.1
170 24.2 19.4 29.0

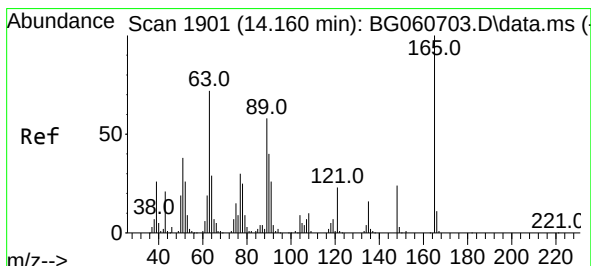
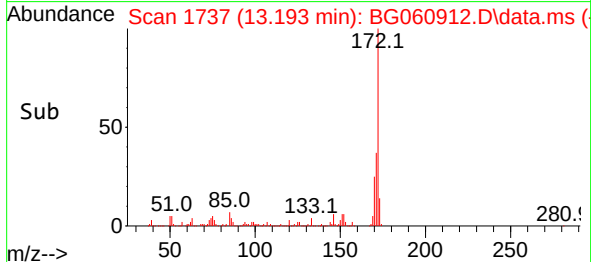
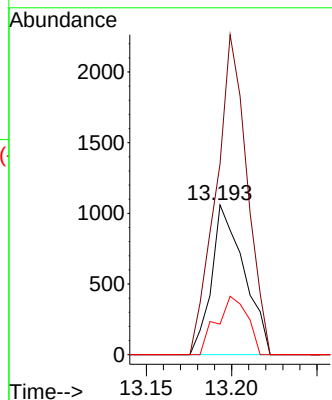
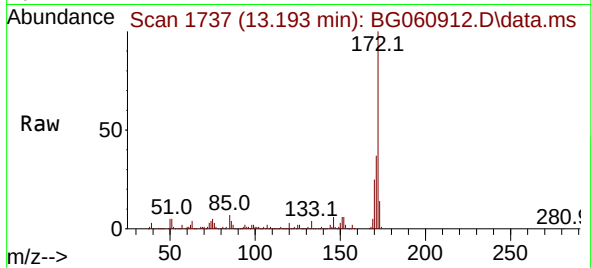




#48
2-Nitroaniline
Concen: 3.320 ng
RT: 13.193 min Scan# 11
Delta R.T. -0.462 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

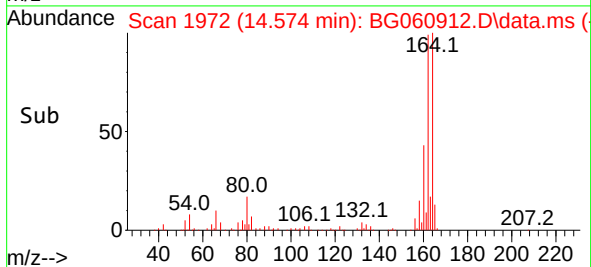
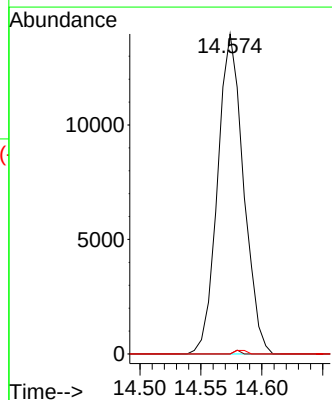
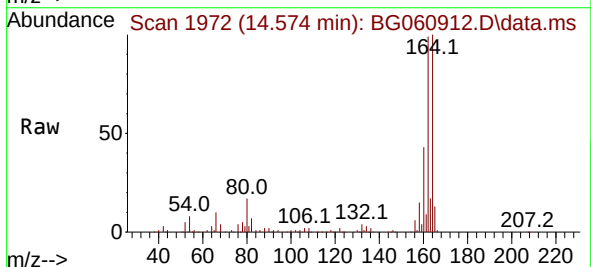
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ClientSampleId :
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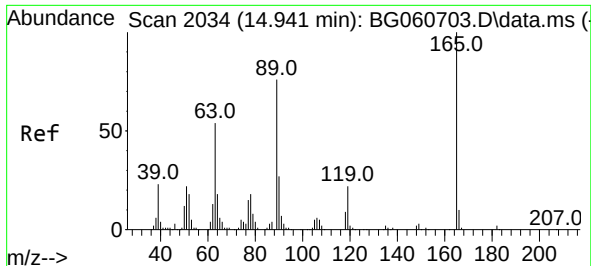
Tgt Ion: 65 Resp: 1402
Ion Ratio Lower Upper
65 100
92 127.4 48.6 72.8#
138 20.4 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 11.922 ng
RT: 14.574 min Scan# 1972
Delta R.T. 0.414 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

Tgt Ion:165 Resp: 20698
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.4#
89 0.0 46.1 69.1#

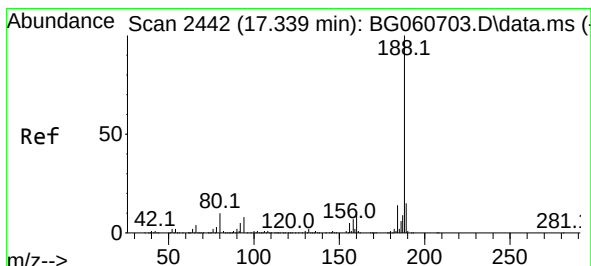
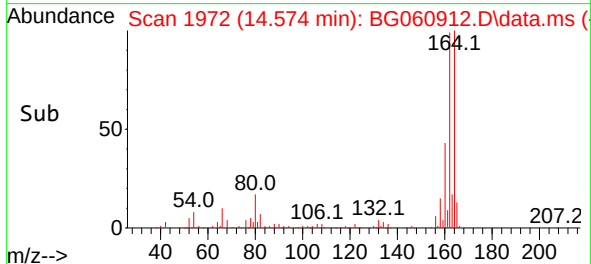
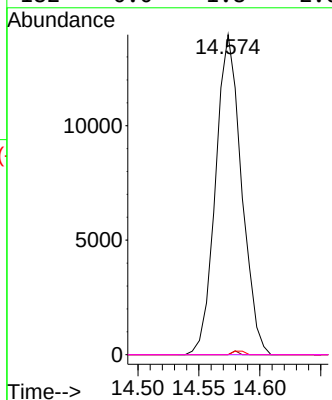
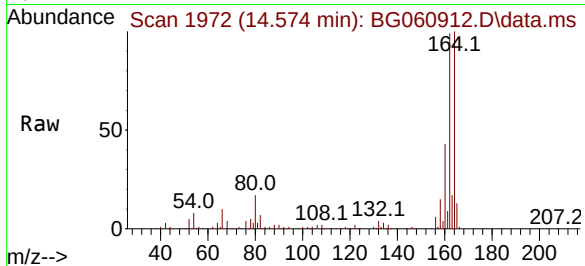




#57
2,4-Dinitrotoluene
Concen: 10.036 ng
RT: 14.574 min Scan# 1972
Delta R.T. -0.367 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

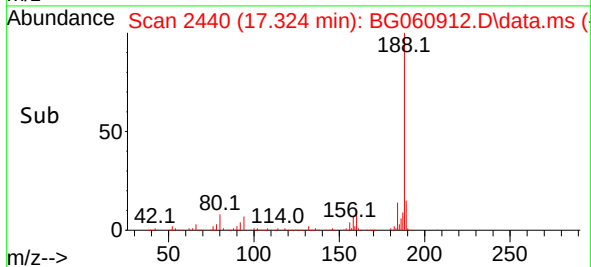
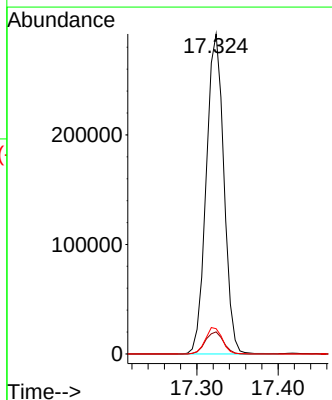
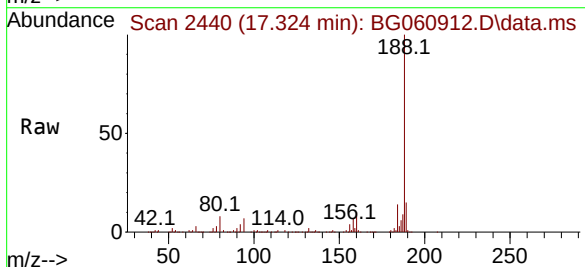
Instrument :
BNA_G
ClientSampleId :
PB160120BL

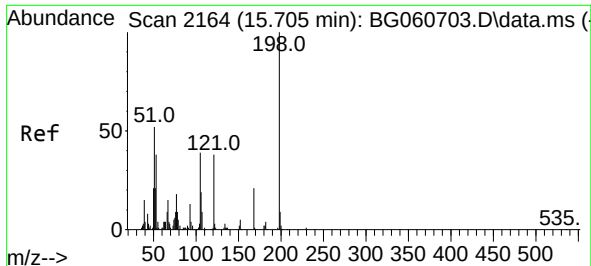
Tgt Ion:165 Resp: 20698
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.0#
89 0.0 61.0 91.6#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2440
Delta R.T. -0.015 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

Tgt Ion:188 Resp: 439391
Ion Ratio Lower Upper
188 100
94 6.9 6.6 9.8
80 7.9 7.6 11.4

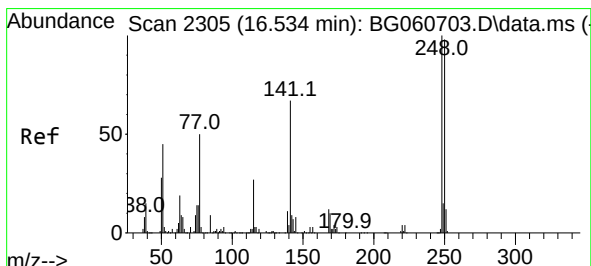
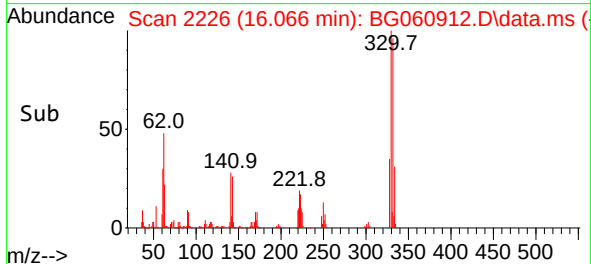
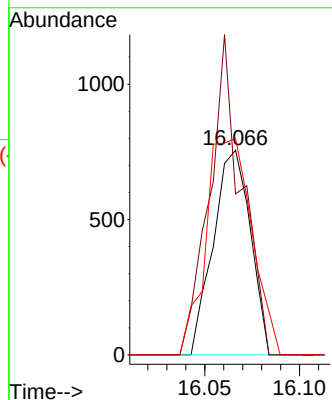
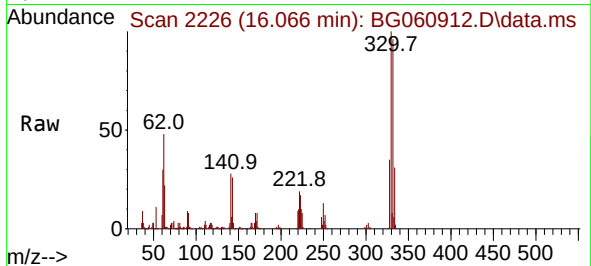




#65
4,6-Dinitro-2-methylphenol
Concen: 7.518 ng
RT: 16.066 min Scan# 2164
Delta R.T. 0.361 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

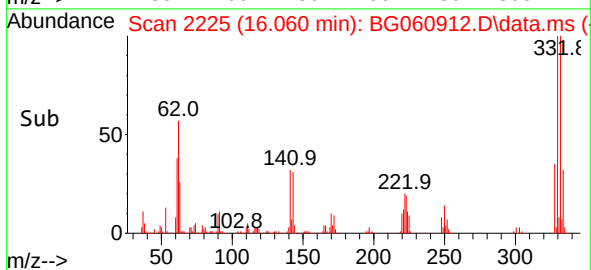
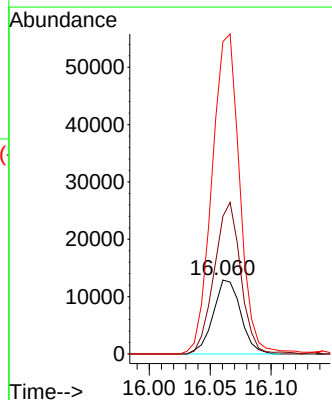
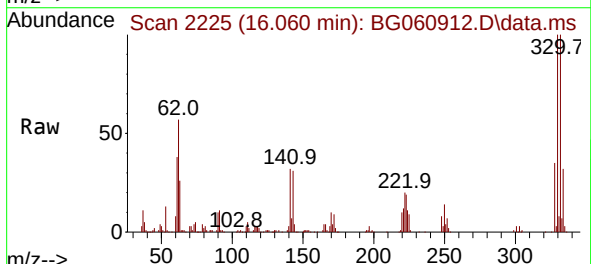
Instrument :
BNA_G
ClientSampleId :
PB160120BL

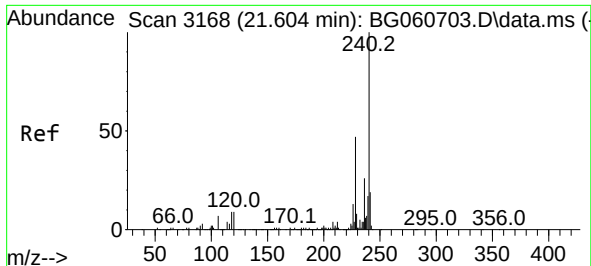
Tgt Ion:198 Resp: 1028
Ion Ratio Lower Upper
198 100
51 78.7 36.7 76.7#
105 105.7 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 4.550 ng
RT: 16.060 min Scan# 2225
Delta R.T. -0.474 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

Tgt Ion:248 Resp: 20291
Ion Ratio Lower Upper
248 100
250 186.4 78.3 117.5#
141 422.4 53.7 80.5#

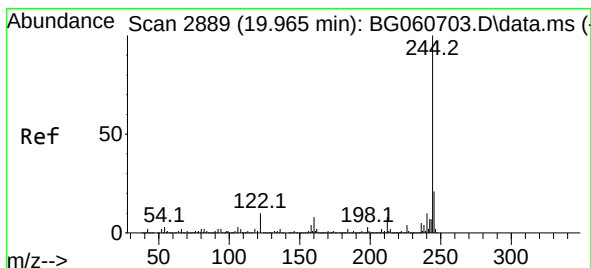
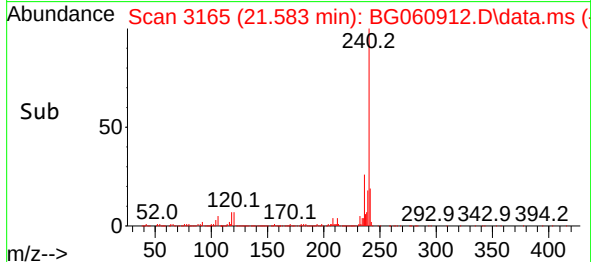
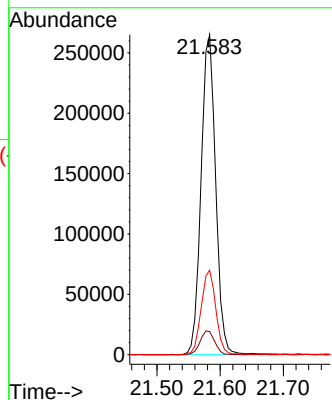
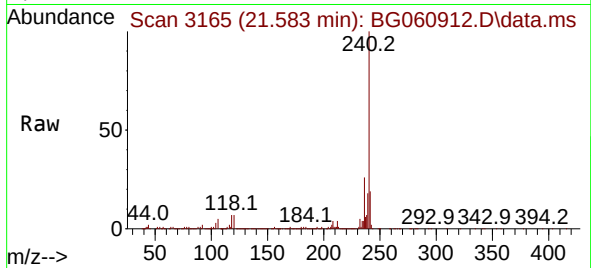




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3165
Delta R.T. -0.021 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

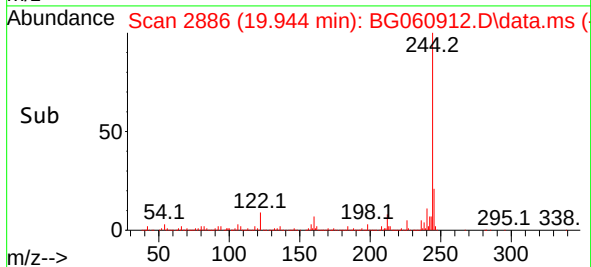
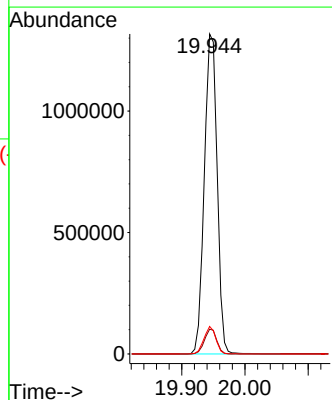
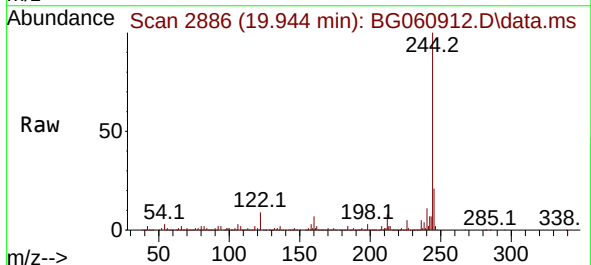
Instrument :
BNA_G
ClientSampleId :
PB160120BL

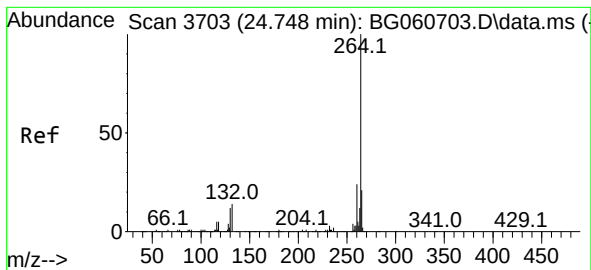
Tgt Ion:240 Resp: 424861
Ion Ratio Lower Upper
240 100
120 7.2 7.1 10.7
236 26.4 20.7 31.1



#79
Terphenyl-d14
Concen: 76.691 ng
RT: 19.944 min Scan# 2886
Delta R.T. -0.021 min
Lab File: BG060912.D
Acq: 16 Apr 2024 13:51

Tgt Ion:244 Resp: 1850426
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 8.6 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.715 min Scan# 30
 Delta R.T. -0.033 min
 Lab File: BG060912.D
 Acq: 16 Apr 2024 13:51

Instrument :
 BNA_G
 ClientSampleId :
 PB160120BL

Tgt Ion:264 Resp: 484252
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.6 16.9 25.3

