

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
 Data File : BG060858.D
 Acq On : 11 Apr 2024 14:02
 Operator : MA/JU
 Sample : PB160120BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160120BL

Quant Time: Apr 11 14:39:06 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)

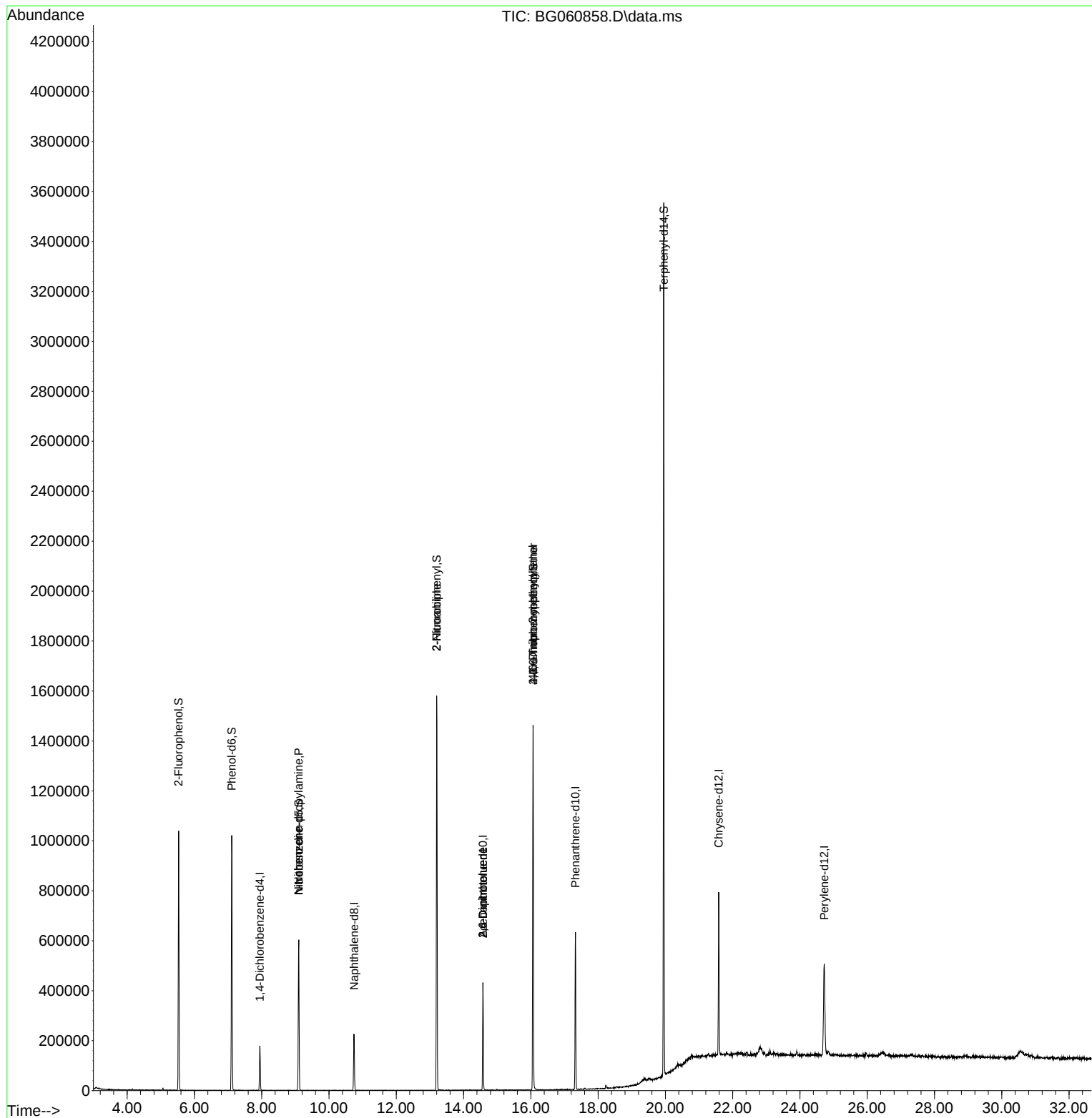
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	46713	20.000	ng	-0.02
21) Naphthalene-d8	10.747	136	184857	20.000	ng	-0.01
39) Acenaphthene-d10	14.578	164	151188	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	402803	20.000	ng	-0.01
76) Chrysene-d12	21.587	240	378095	20.000	ng	-0.02
86) Perylene-d12	24.724	264	433605	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	384060	136.964	ng	0.00
7) Phenol-d6	7.110	99	505444	121.433	ng	0.00
23) Nitrobenzene-d5	9.102	82	318091	98.188	ng	-0.01
42) 2,4,6-Tribromophenol	16.070	330	308906	179.991	ng	0.00
45) 2-Fluorobiphenyl	13.203	172	838108	81.358	ng	-0.02
79) Terphenyl-d14	19.954	244	1806863	84.148	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.102	70	43393	13.671	ng	# 76
24) Nitrobenzene	9.102	77	1049	3.047	ng	# 31
48) 2-Nitroaniline	13.203	65	1547	3.412	ng	# 26
51) 2,6-Dinitrotoluene	14.578	165	20073	12.193	ng	# 18
57) 2,4-Dinitrotoluene	14.578	165	20073	10.253	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.064	198	1057	7.577	ng	# 1
67) 4-Bromophenyl-phenylether	16.070	248	20807	5.090	ng	# 1

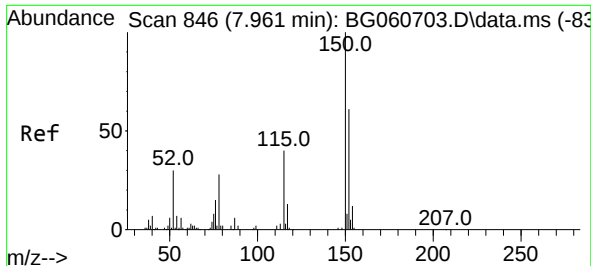
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
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Misc :
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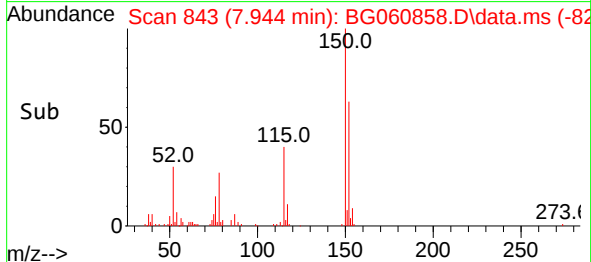
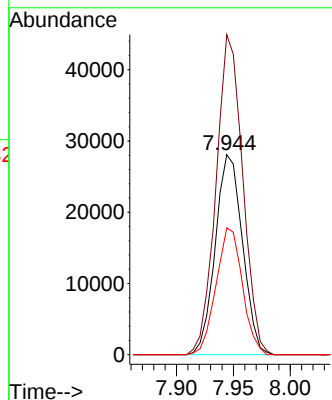
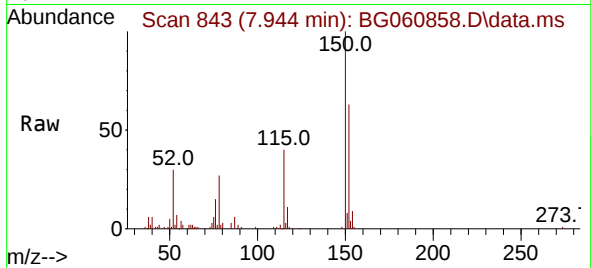




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.944 min Scan# 84
 Delta R.T. -0.017 min
 Lab File: BG060858.D
 Acq: 11 Apr 2024 14:02

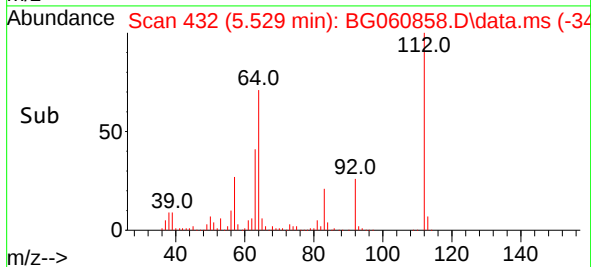
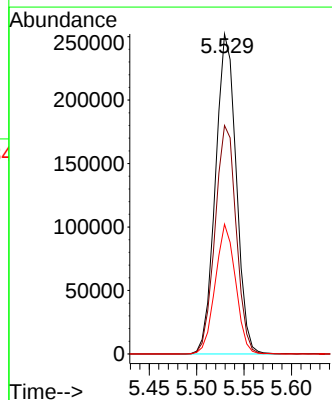
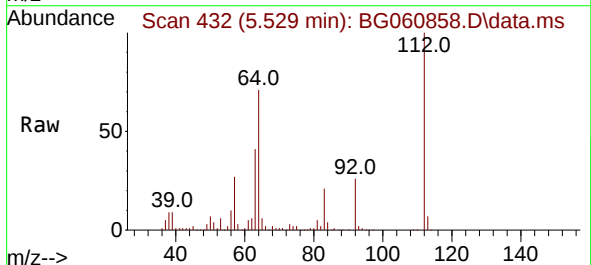
Instrument :
 BNA_G
 ClientSampleId :
 PB160120BL

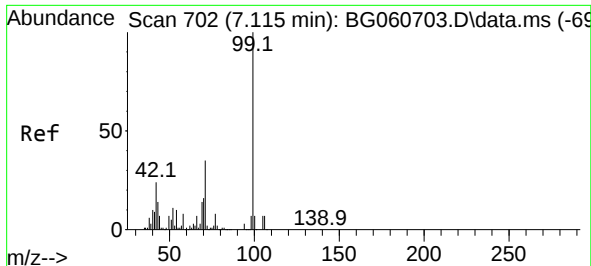
Tgt Ion:152 Resp: 46713
 Ion Ratio Lower Upper
 152 100
 150 160.0 130.2 195.4
 115 63.4 51.6 77.4



#5
 2-Fluorophenol
 Concen: 136.964 ng
 RT: 5.529 min Scan# 432
 Delta R.T. -0.006 min
 Lab File: BG060858.D
 Acq: 11 Apr 2024 14:02

Tgt Ion:112 Resp: 384060
 Ion Ratio Lower Upper
 112 100
 64 71.4 58.4 87.6
 63 40.5 32.7 49.1

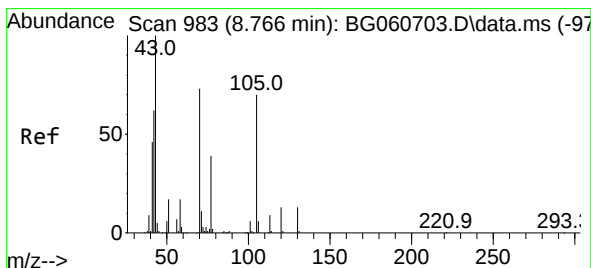
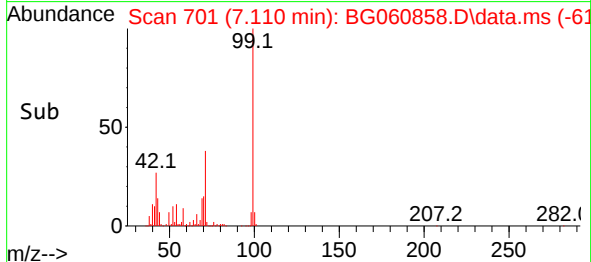
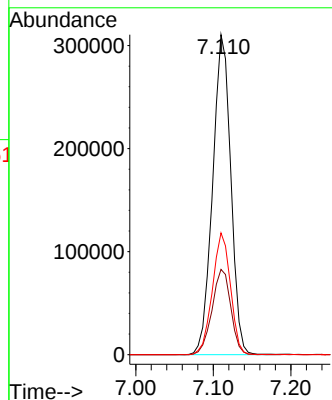
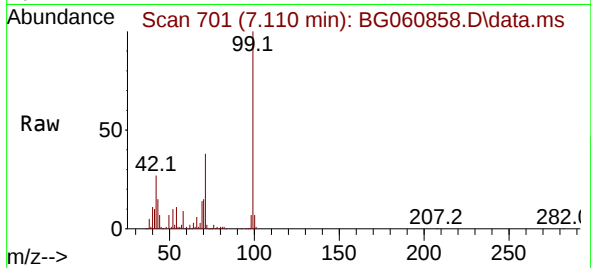




#7
Phenol-d6
Concen: 121.433 ng
RT: 7.110 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

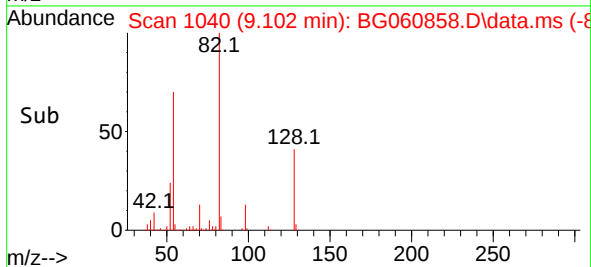
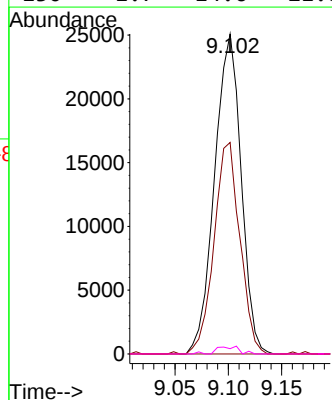
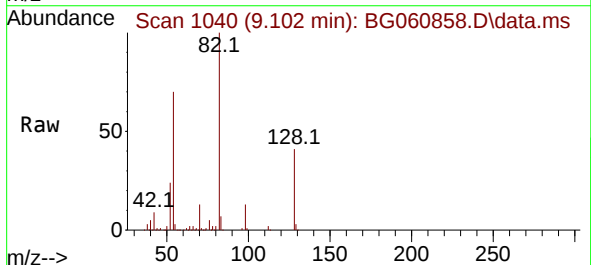
Instrument :
BNA_G
ClientSampleId :
PB160120BL

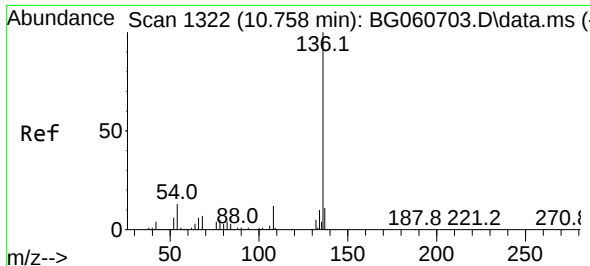
Tgt Ion: 99 Resp: 505444
Ion Ratio Lower Upper
99 100
42 26.7 19.4 29.2
71 38.1 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.671 ng
RT: 9.102 min Scan# 1040
Delta R.T. 0.336 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

Tgt Ion: 70 Resp: 43393
Ion Ratio Lower Upper
70 100
42 66.1 68.4 102.6#
101 0.0 6.1 9.1#
130 1.7 14.6 21.8#

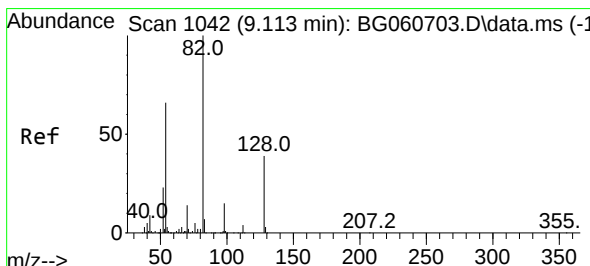
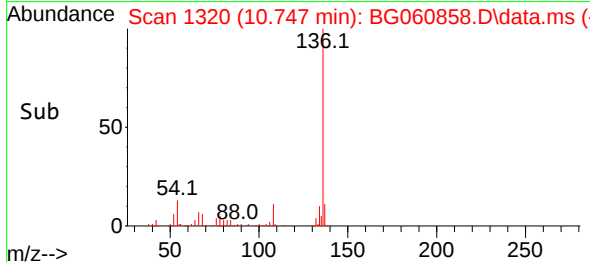
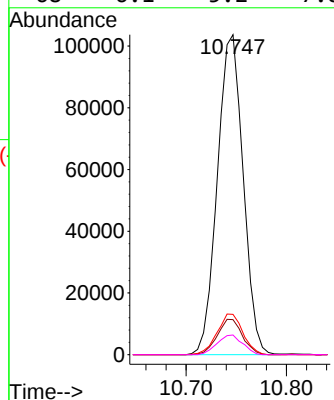
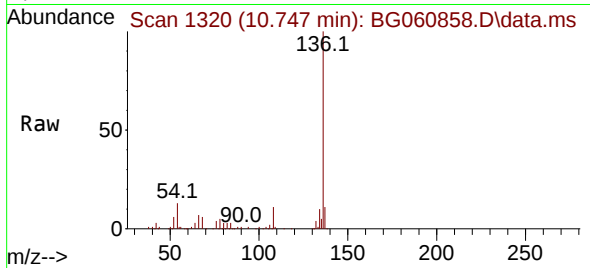




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.747 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

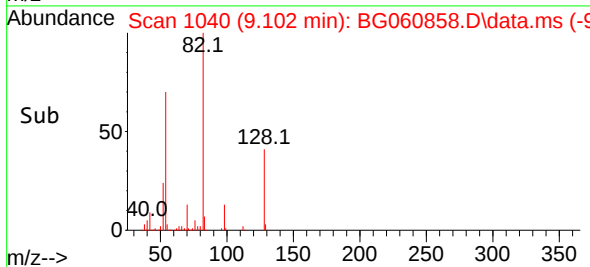
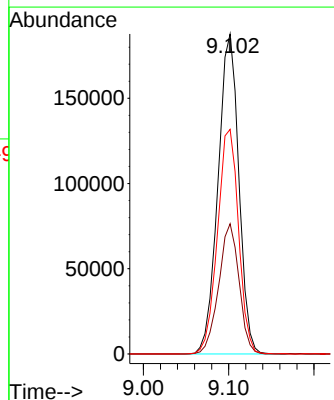
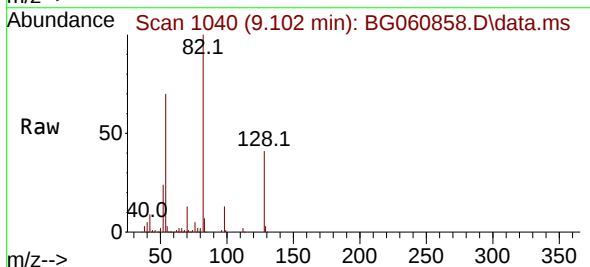
Instrument :
BNA_G
ClientSampleId :
PB160120BL

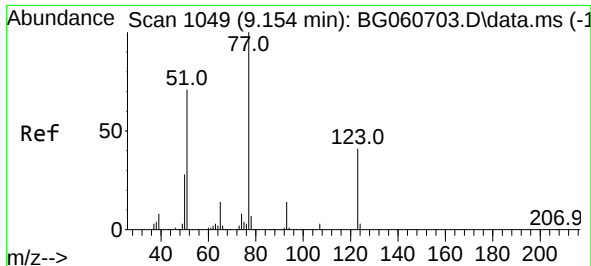
Tgt Ion:	136	Resp:	184857
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	12.6	10.2	15.2
68	6.1	5.2	7.8



#23
Nitrobenzene-d5
Concen: 98.188 ng
RT: 9.102 min Scan# 1040
Delta R.T. -0.011 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

Tgt Ion:	82	Resp:	318091
Ion	Ratio	Lower	Upper
82	100		
128	40.7	31.2	46.8
54	70.2	53.2	79.8

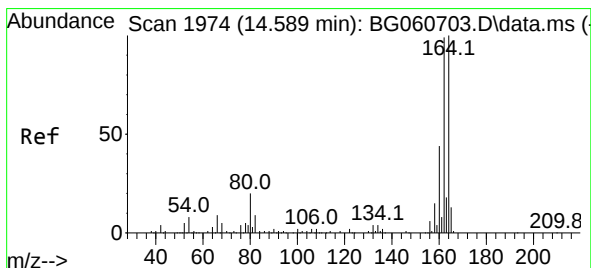
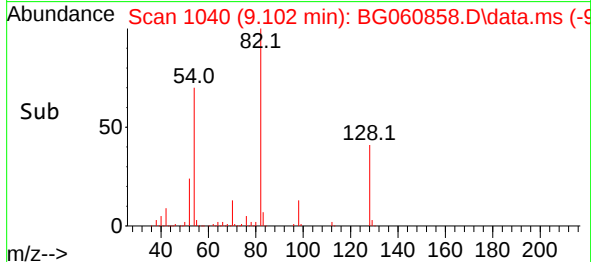
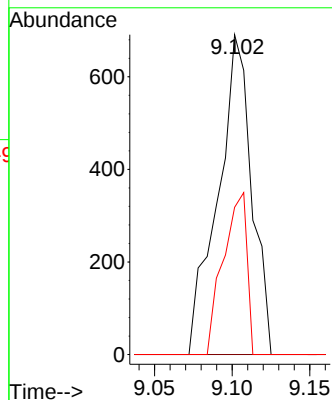
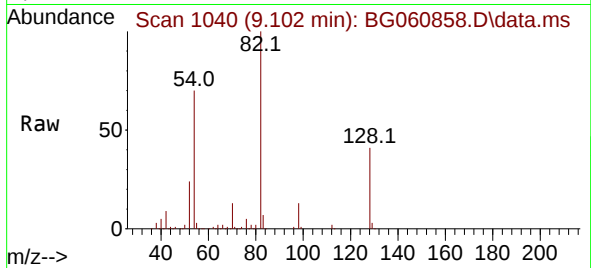




#24
Nitrobenzene
Concen: 3.047 ng
RT: 9.102 min Scan# 1049
Delta R.T. -0.052 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

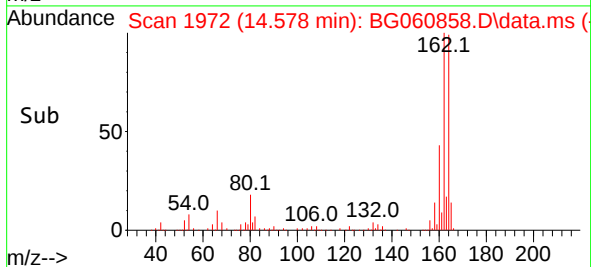
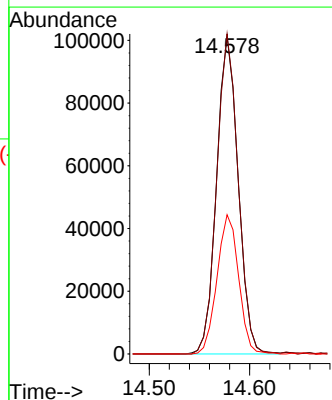
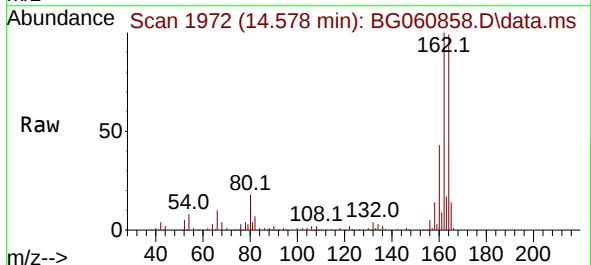
Instrument :
BNA_G
ClientSampleId :
PB160120BL

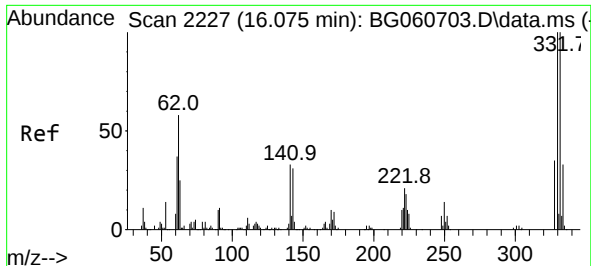
Tgt Ion: 77 Resp: 1049
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 46.0 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.578 min Scan# 1972
Delta R.T. -0.011 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

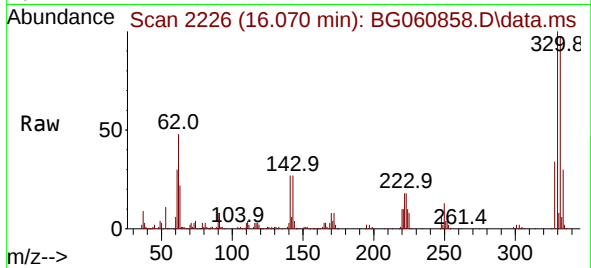
Tgt Ion: 164 Resp: 151188
Ion Ratio Lower Upper
164 100
162 100.8 79.5 119.3
160 43.8 35.4 53.0



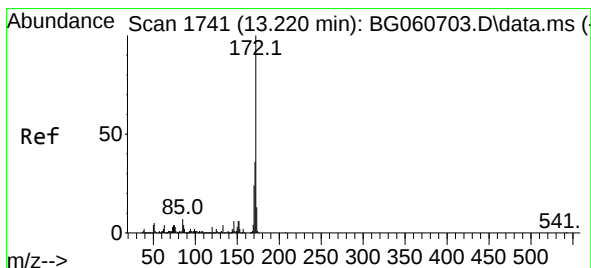
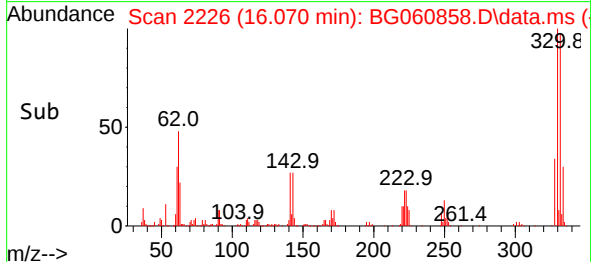
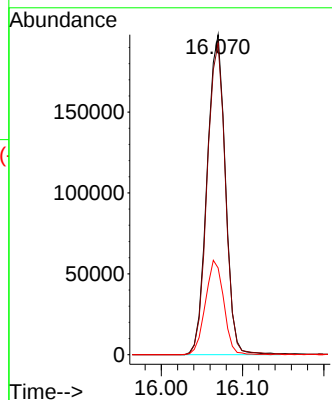


#42
2,4,6-Tribromophenol
Concen: 179.991 ng
RT: 16.070 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

Instrument :
BNA_G
ClientSampleId :
PB160120BL

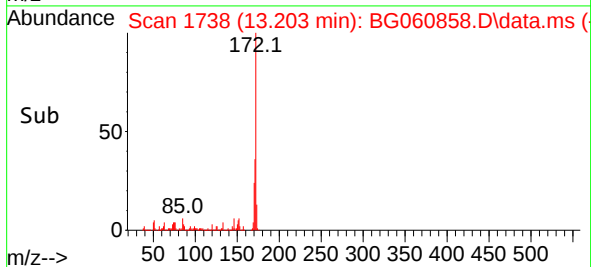
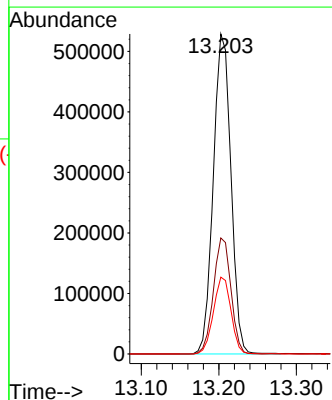
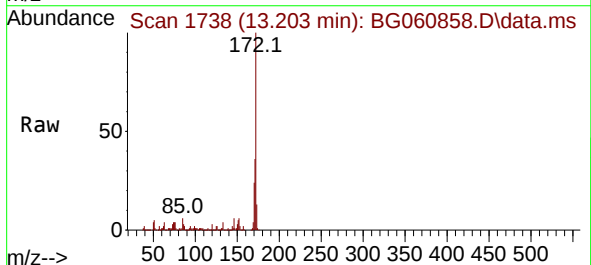


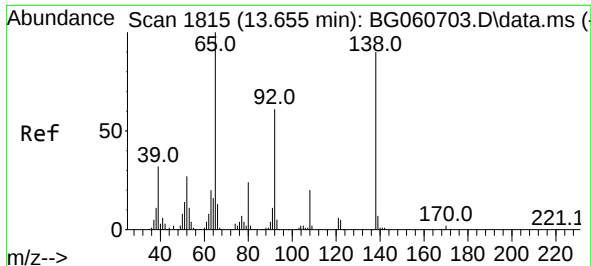
Tgt Ion:330 Resp: 308906
Ion Ratio Lower Upper
330 100
332 97.4 78.2 117.4
141 29.6 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 81.358 ng
RT: 13.203 min Scan# 1738
Delta R.T. -0.017 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

Tgt Ion:172 Resp: 838108
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 24.0 19.4 29.0

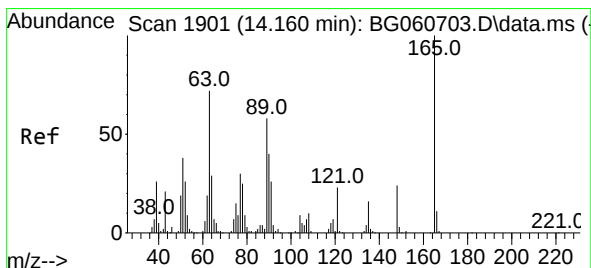
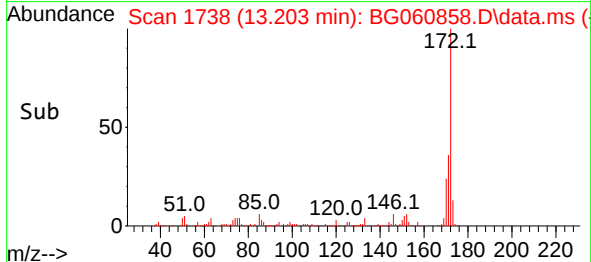
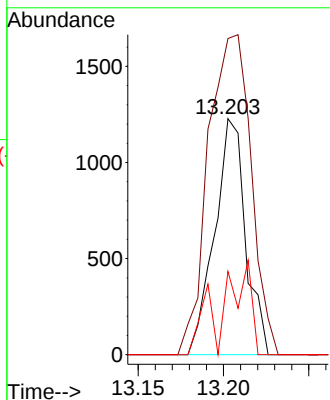
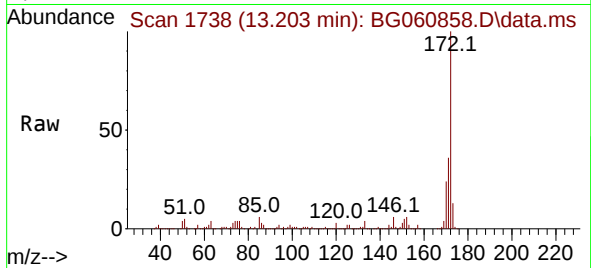




#48
2-Nitroaniline
Concen: 3.412 ng
RT: 13.203 min Scan# 1
Delta R.T. -0.452 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

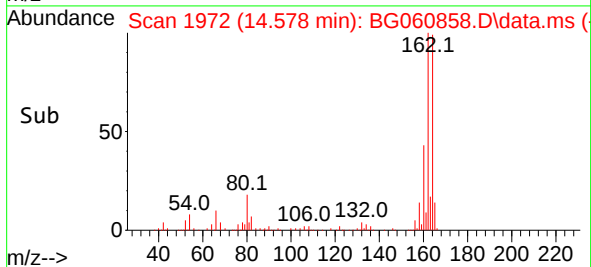
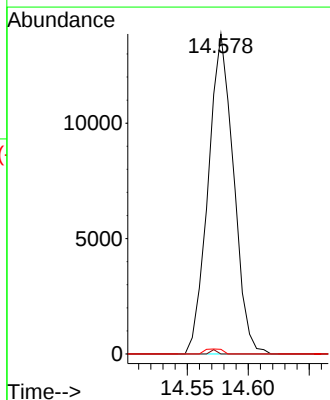
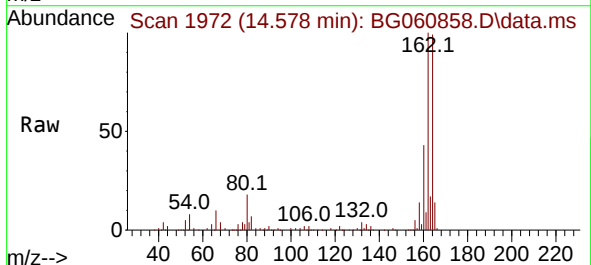
Instrument :
BNA_G
ClientSampleId :
PB160120BL

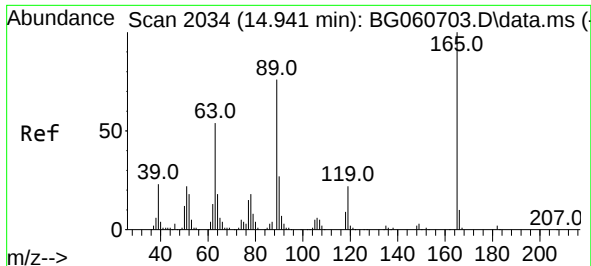
Tgt Ion: 65 Resp: 1547
Ion Ratio Lower Upper
65 100
92 134.0 48.6 72.8#
138 35.3 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 12.193 ng
RT: 14.578 min Scan# 1972
Delta R.T. 0.418 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

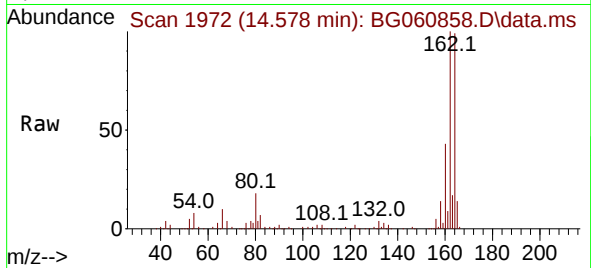
Tgt Ion:165 Resp: 20073
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.4#
89 1.4 46.1 69.1#



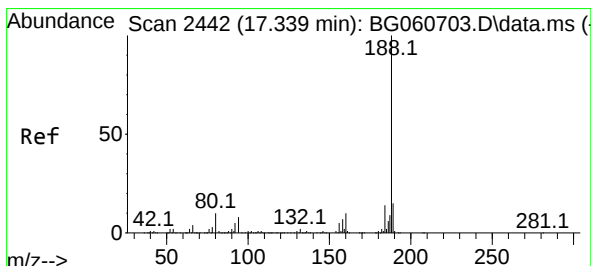
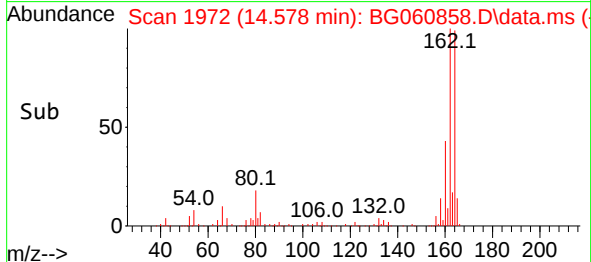
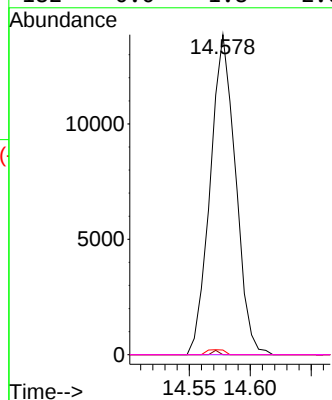


#57
2,4-Dinitrotoluene
Concen: 10.253 ng
RT: 14.578 min Scan# 1972
Delta R.T. -0.364 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

Instrument :
BNA_G
ClientSampleId :
PB160120BL

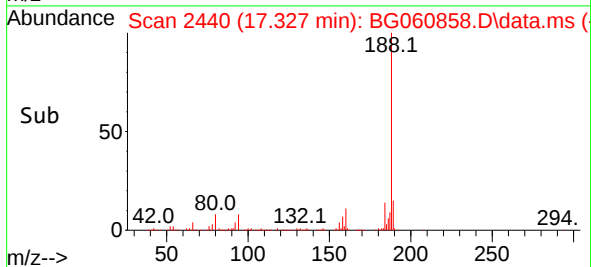
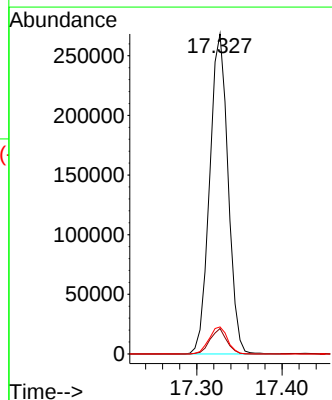
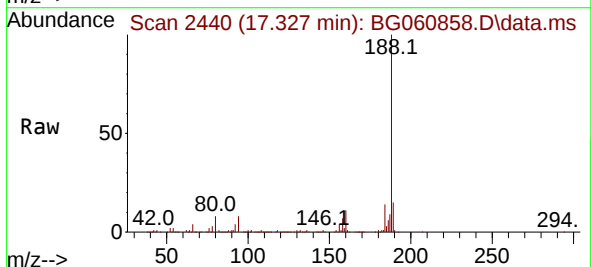


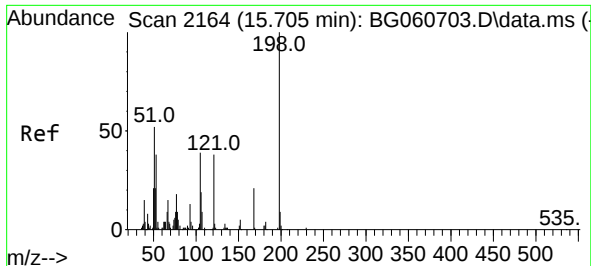
Tgt Ion:	165	Resp:	20073
Ion Ratio	Lower	Upper	
165	100		
63	0.0	43.4	65.0#
89	1.4	61.0	91.6#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2440
Delta R.T. -0.011 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

Tgt Ion:	188	Resp:	402803
Ion Ratio	Lower	Upper	
188	100		
94	7.9	6.6	9.8
80	8.4	7.6	11.4

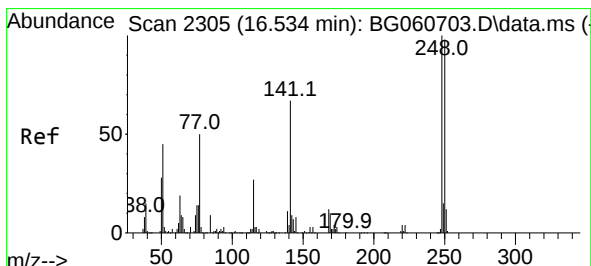
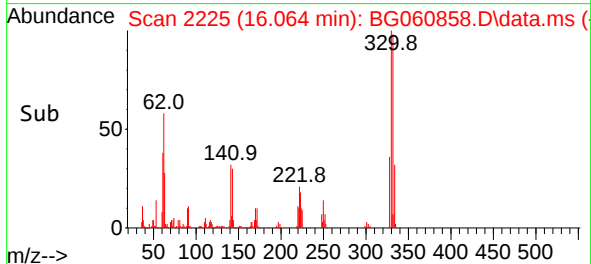
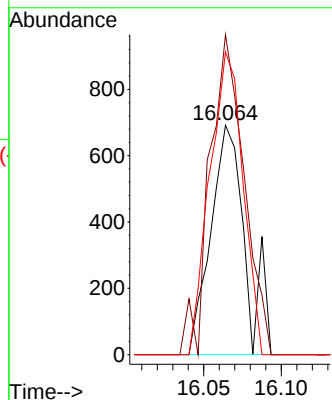
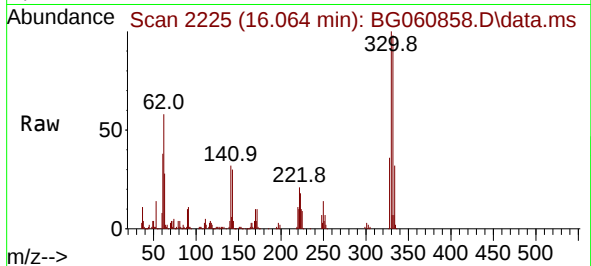




#65
4,6-Dinitro-2-methylphenol
Concen: 7.577 ng
RT: 16.064 min Scan# 2164
Delta R.T. 0.359 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

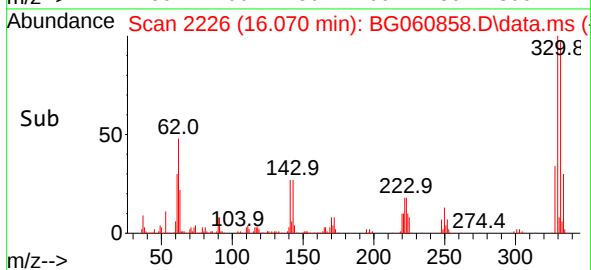
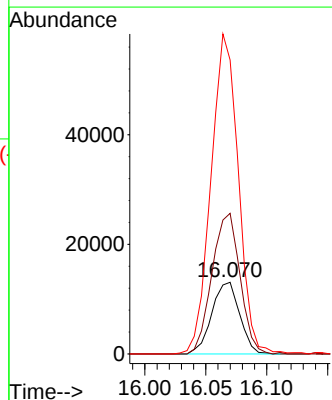
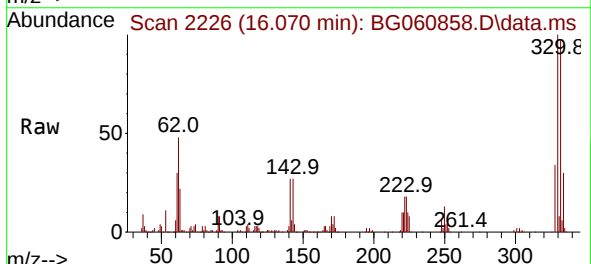
Instrument :
BNA_G
ClientSampleId :
PB160120BL

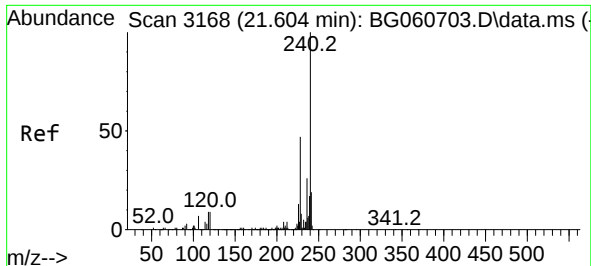
Tgt Ion:198 Resp: 1057
Ion Ratio Lower Upper
198 100
51 139.5 36.7 76.7#
105 131.9 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 5.090 ng
RT: 16.070 min Scan# 2226
Delta R.T. -0.464 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

Tgt Ion:248 Resp: 20807
Ion Ratio Lower Upper
248 100
250 196.0 78.3 117.5#
141 409.8 53.7 80.5#

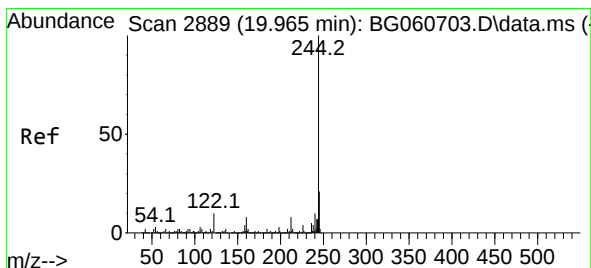
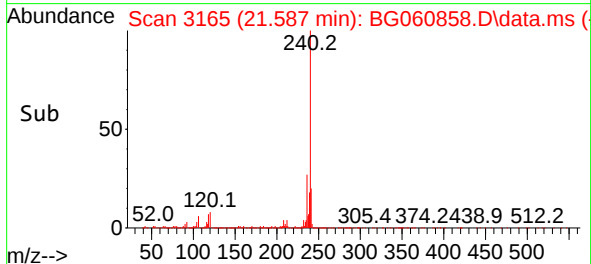
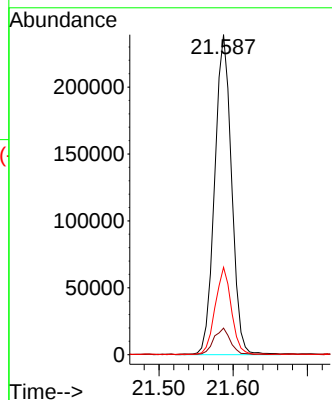
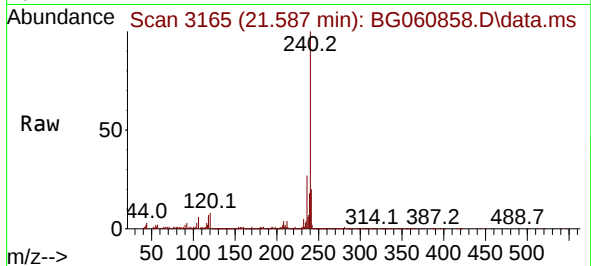




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 3165
Delta R.T. -0.017 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

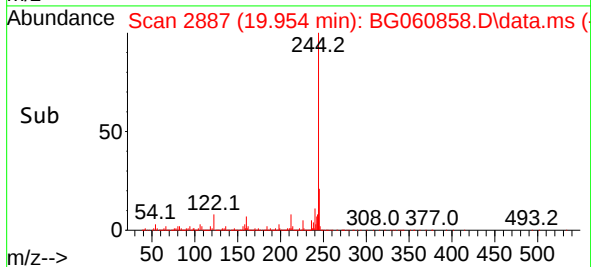
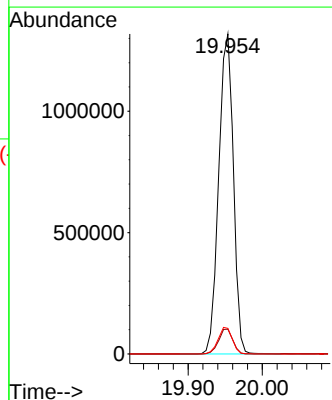
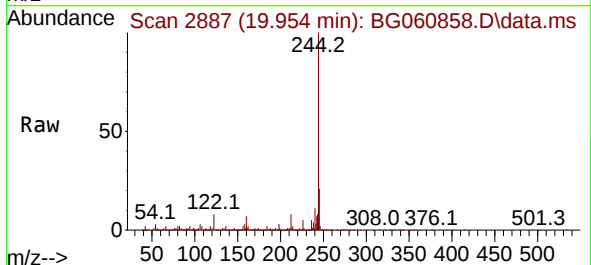
Instrument :
BNA_G
ClientSampleId :
PB160120BL

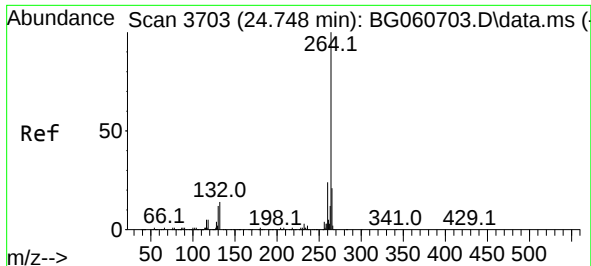
Tgt Ion:240 Resp: 378095
Ion Ratio Lower Upper
240 100
120 8.3 7.1 10.7
236 27.3 20.7 31.1



#79
Terphenyl-d14
Concen: 84.148 ng
RT: 19.954 min Scan# 2887
Delta R.T. -0.011 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

Tgt Ion:244 Resp: 1806863
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 8.0 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.724 min Scan# 30
 Delta R.T. -0.023 min
 Lab File: BG060858.D
 Acq: 11 Apr 2024 14:02

Instrument :
 BNA_G
 ClientSampleId :
 PB160120BL

Tgt Ion:264 Resp: 433605
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.5 29.3
 265 20.7 16.9 25.3

