

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059881.D
 Acq On : 25 Nov 2023 7:53
 Operator : MA/JU
 Sample : PB157138BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157138BL

Quant Time: Nov 27 03:16:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:11:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

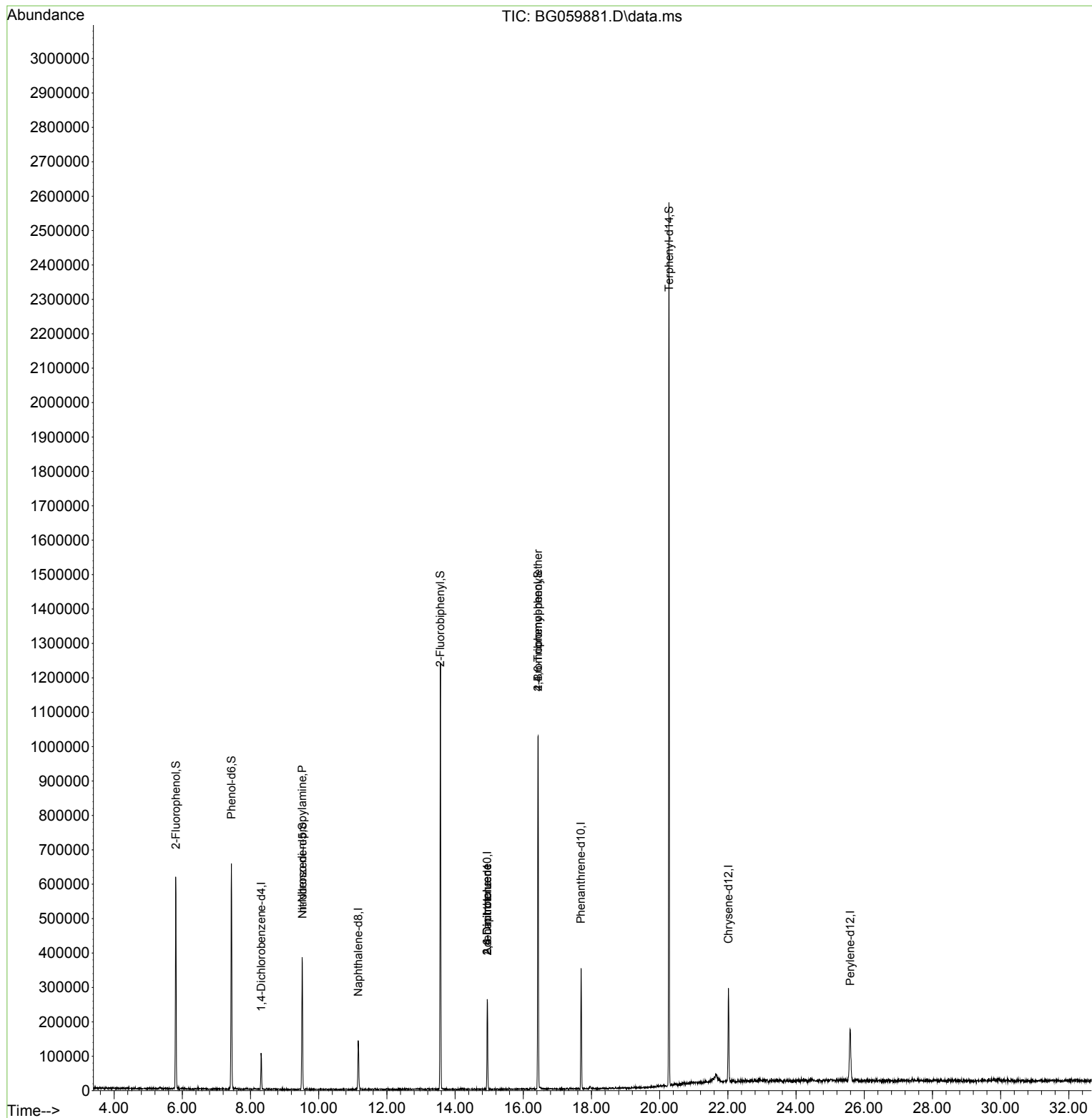
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	21884	20.000	ng	0.00
21) Naphthalene-d8	11.161	136	104242	20.000	ng	# 0.00
39) Acenaphthene-d10	14.945	164	77442	20.000	ng	# 0.00
64) Phenanthrene-d10	17.695	188	201753	20.000	ng	#-0.01
76) Chrysene-d12	22.019	240	153997	20.000	ng	#-0.01
86) Perylene-d12	25.592	264	184641	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.815	112	205214	157.834	ng	0.00
7) Phenol-d6	7.442	99	284554	147.686	ng	0.00
23) Nitrobenzene-d5	9.522	82	230734	84.536	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	139866	159.178	ng	0.00
45) 2-Fluorobiphenyl	13.564	172	555074	96.479	ng	-0.01
79) Terphenyl-d14	20.274	244	1082634	103.784	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.516	70	39731	26.186	ng	# 78
51) 2,6-Dinitrotoluene	14.945	165	11226	9.860	ng	# 1
57) 2,4-Dinitrotoluene	14.945	165	11226	6.412	ng	# 3
67) 4-Bromophenyl-phenylether	16.438	248	9347	4.312	ng	# 1

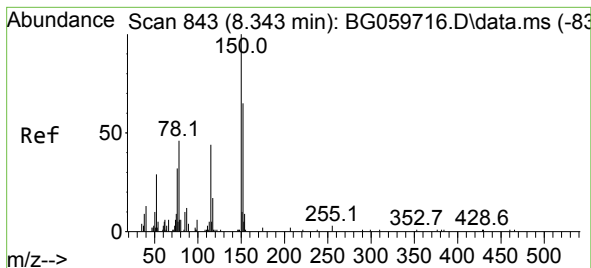
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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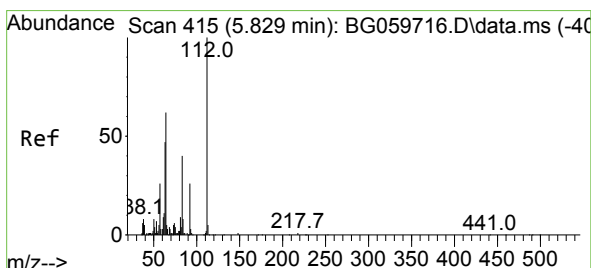
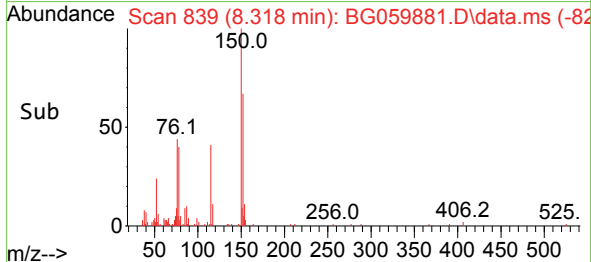
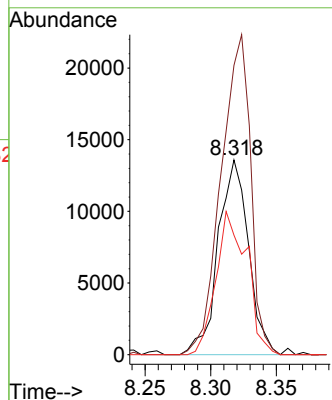
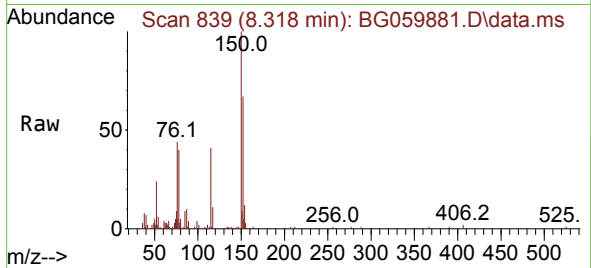




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG059881.D
Acq: 25 Nov 2023 7:53

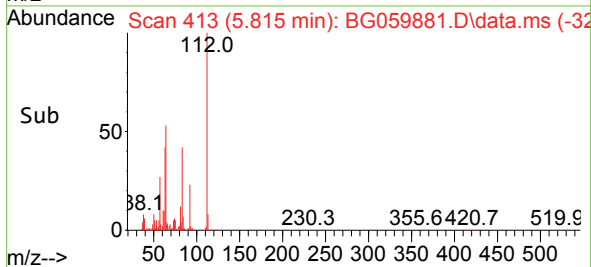
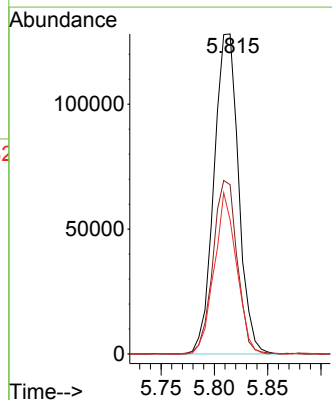
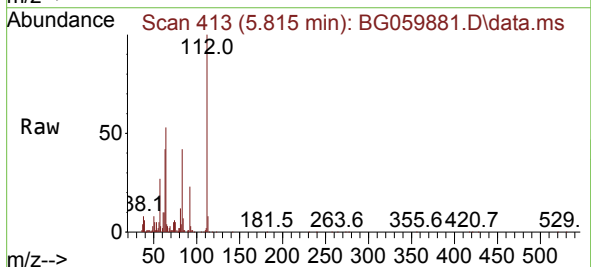
Instrument :
BNA_G
ClientSampleId :
PB157138BL

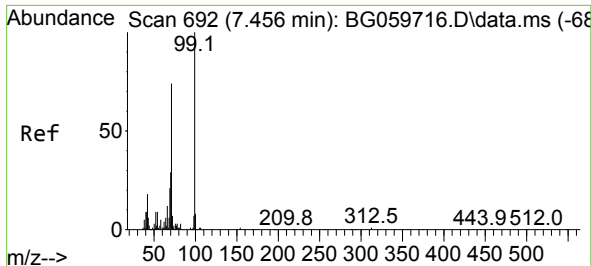
Tgt Ion:152 Resp: 21884
Ion Ratio Lower Upper
152 100
150 148.5 122.2 183.4
115 61.4 54.2 81.4



#5
2-Fluorophenol
Concen: 157.834 ng
RT: 5.815 min Scan# 413
Delta R.T. 0.003 min
Lab File: BG059881.D
Acq: 25 Nov 2023 7:53

Tgt Ion:112 Resp: 205214
Ion Ratio Lower Upper
112 100
64 52.9 49.5 74.3
63 41.9 37.4 56.2

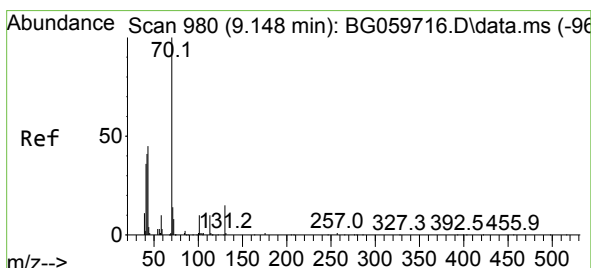
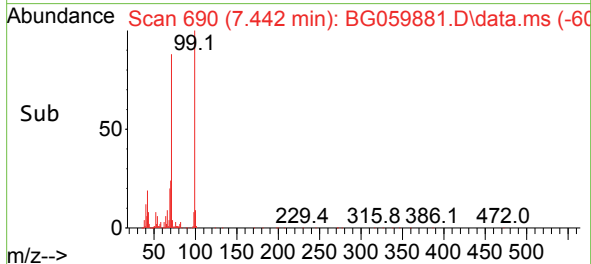
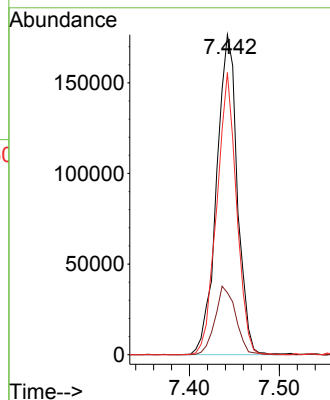
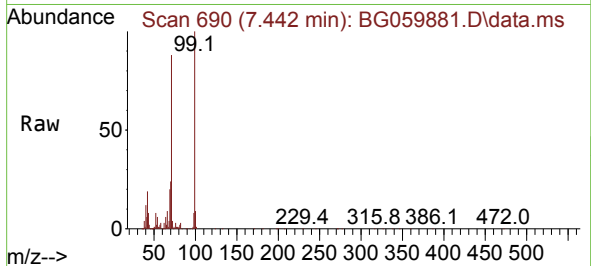




#7
Phenol-d6
Concen: 147.686 ng
RT: 7.442 min Scan# 692
Delta R.T. -0.003 min
Lab File: BG059881.D
Acq: 25 Nov 2023 7:53

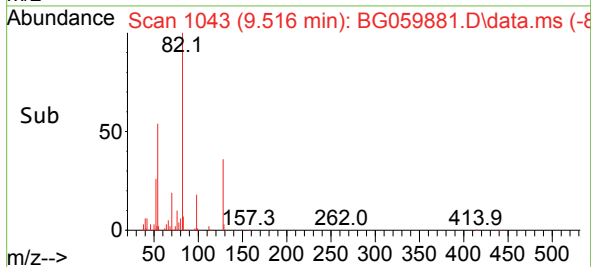
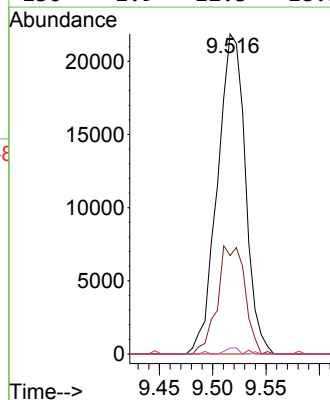
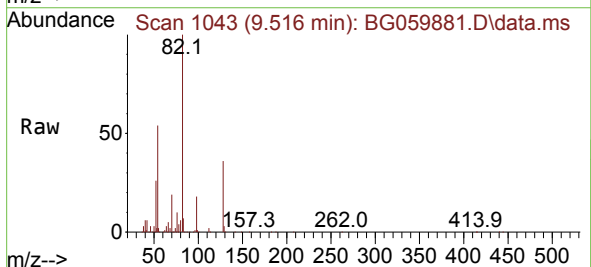
Instrument :
BNA_G
ClientSampleId :
PB157138BL

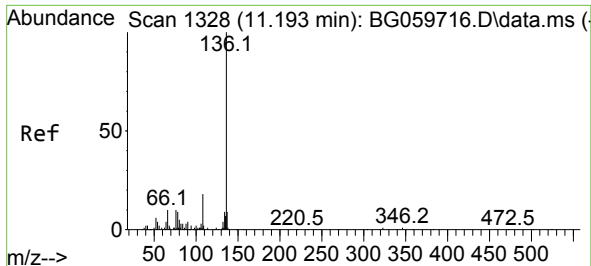
Tgt Ion: 99 Resp: 284554
Ion Ratio Lower Upper
99 100
42 19.4 14.3 21.5
71 88.1 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 26.186 ng
RT: 9.516 min Scan# 1043
Delta R.T. 0.385 min
Lab File: BG059881.D
Acq: 25 Nov 2023 7:53

Tgt Ion: 70 Resp: 39731
Ion Ratio Lower Upper
70 100
42 30.8 32.8 49.2#
101 0.0 7.7 11.5#
130 1.9 12.3 18.5#

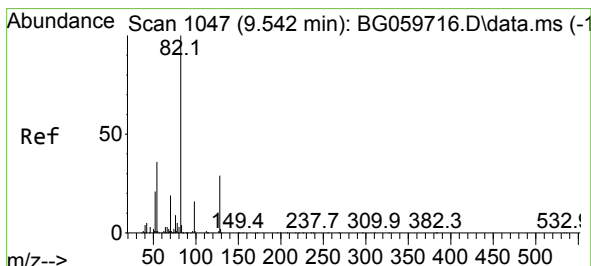
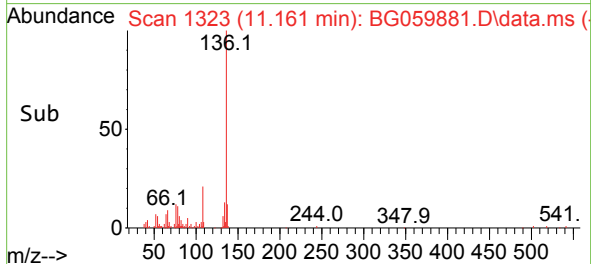
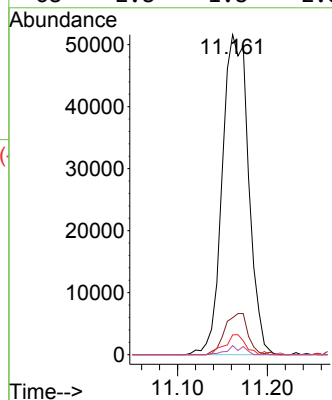
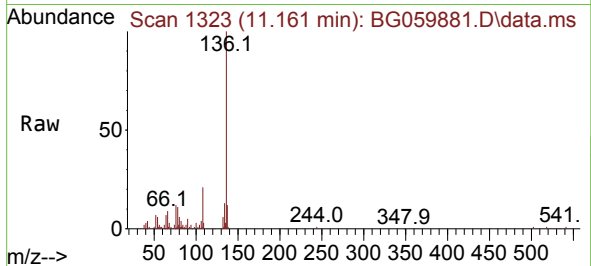




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.161 min Scan# 111
Delta R.T. -0.009 min
Lab File: BG059881.D
Acq: 25 Nov 2023 7:53

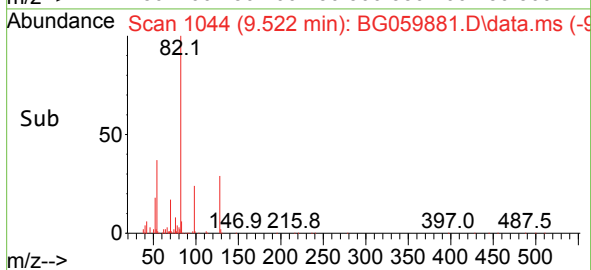
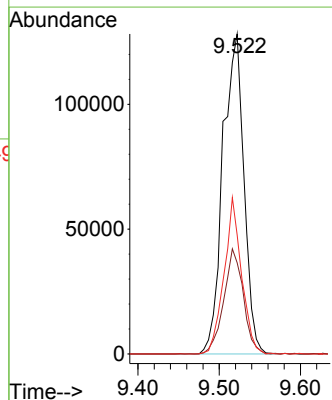
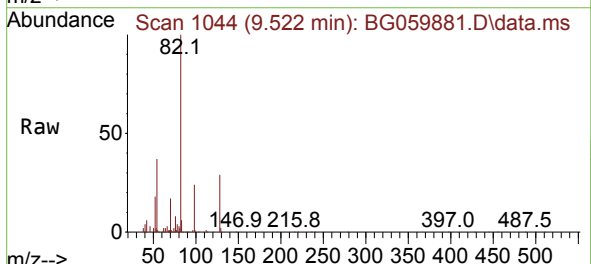
Instrument :
BNA_G
ClientSampleId :
PB157138BL

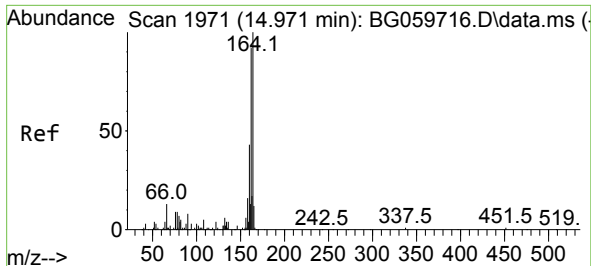
Tgt Ion:136 Resp: 104242
Ion Ratio Lower Upper
136 100
137 11.5 7.4 11.0#
54 6.2 3.1 4.7#
68 2.8 1.8 2.8#



#23
Nitrobenzene-d5
Concen: 84.536 ng
RT: 9.522 min Scan# 1044
Delta R.T. -0.003 min
Lab File: BG059881.D
Acq: 25 Nov 2023 7:53

Tgt Ion: 82 Resp: 230734
Ion Ratio Lower Upper
82 100
128 28.5 23.0 34.6
54 37.2 28.7 43.1

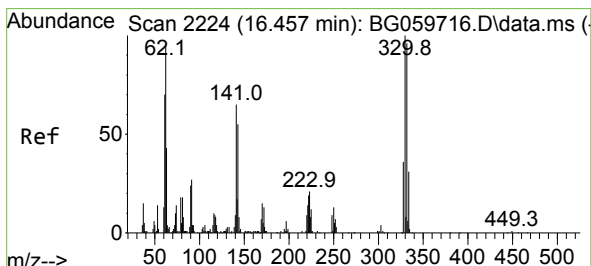
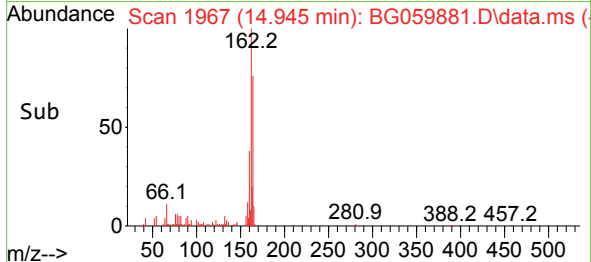
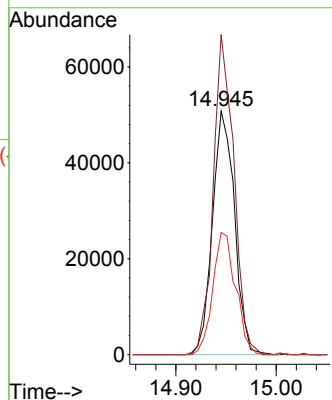
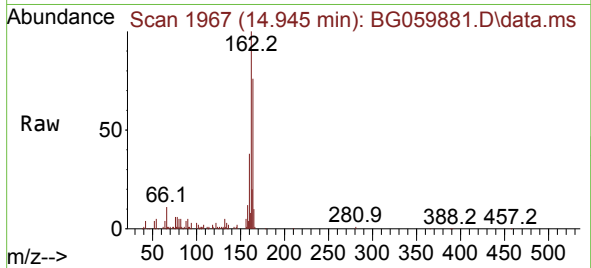




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1971
Delta R.T. -0.009 min
Lab File: BG059881.D
Acq: 25 Nov 2023 7:53

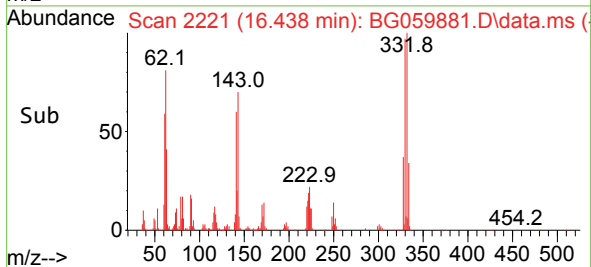
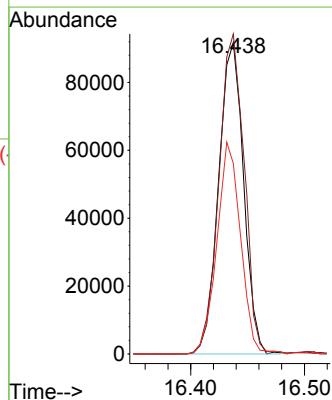
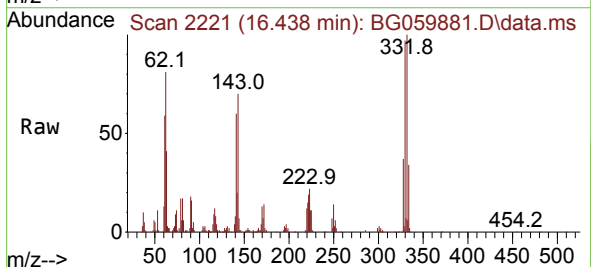
Instrument :
BNA_G
ClientSampleId :
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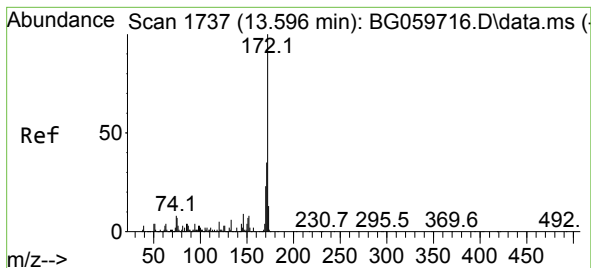
Tgt Ion:164 Resp: 77442
Ion Ratio Lower Upper
164 100
162 131.4 73.3 109.9#
160 50.2 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 159.178 ng
RT: 16.438 min Scan# 2221
Delta R.T. -0.003 min
Lab File: BG059881.D
Acq: 25 Nov 2023 7:53

Tgt Ion:330 Resp: 139866
Ion Ratio Lower Upper
330 100
332 104.3 73.3 109.9
141 64.6 52.1 78.1

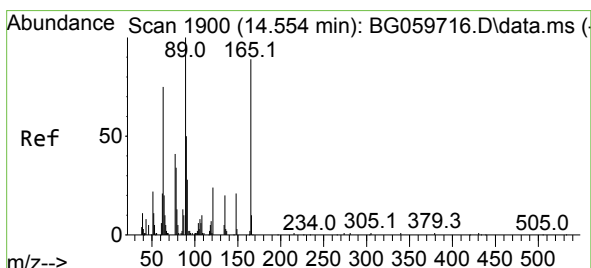
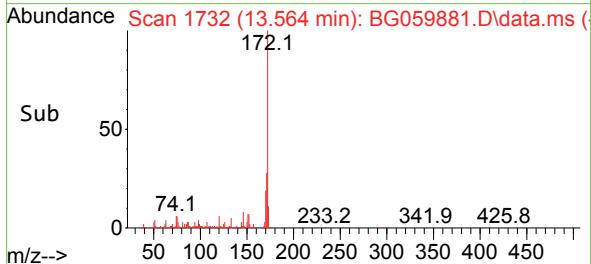
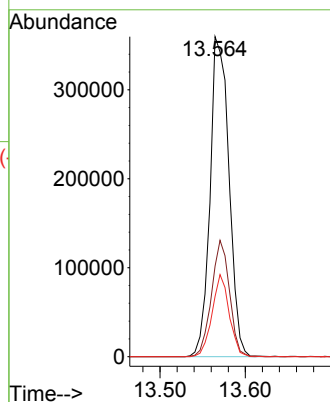
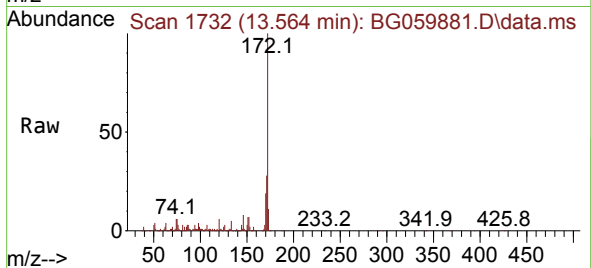




#45
2-Fluorobiphenyl
Concen: 96.479 ng
RT: 13.564 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG059881.D
Acq: 25 Nov 2023 7:53

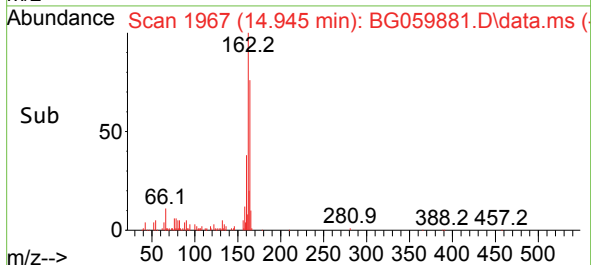
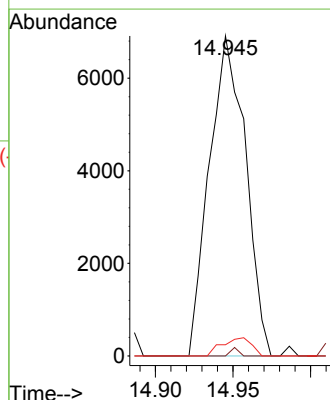
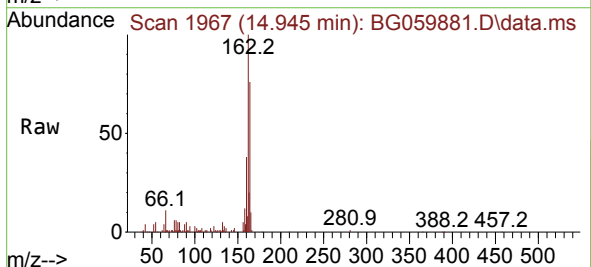
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ClientSampleId :
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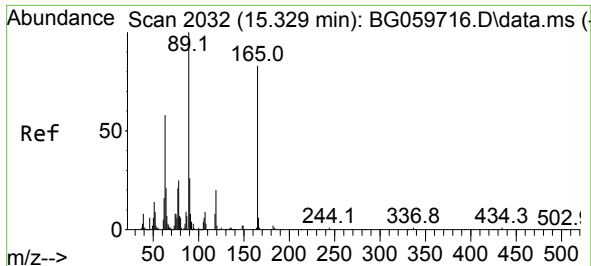
Tgt Ion:172 Resp: 555074
Ion Ratio Lower Upper
172 100
171 28.3 27.7 41.5
170 18.8 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 9.860 ng
RT: 14.945 min Scan# 1967
Delta R.T. 0.403 min
Lab File: BG059881.D
Acq: 25 Nov 2023 7:53

Tgt Ion:165 Resp: 11226
Ion Ratio Lower Upper
165 100
63 0.0 75.3 112.9#
89 3.5 90.9 136.3#

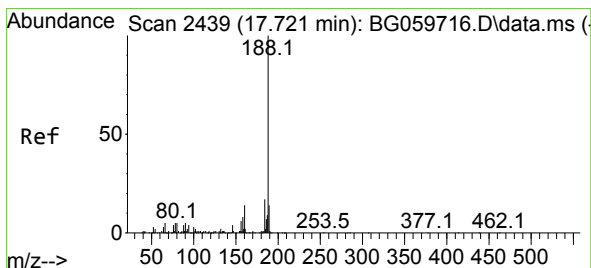
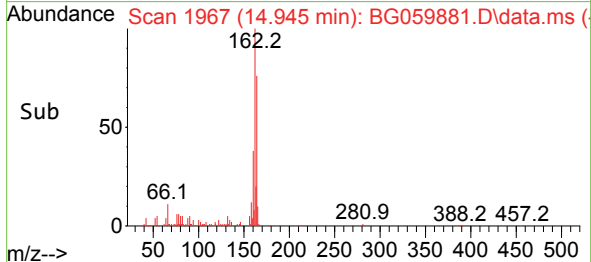
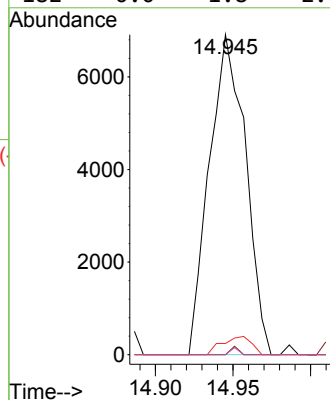
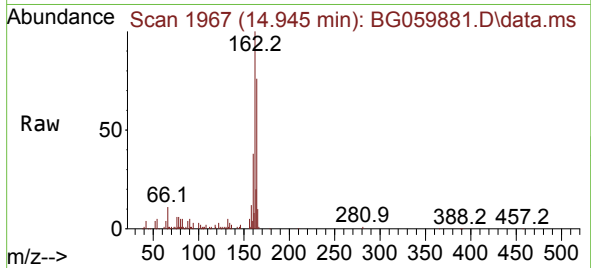




#57
2,4-Dinitrotoluene
Concen: 6.412 ng
RT: 14.945 min Scan# 1967
Delta R.T. -0.379 min
Lab File: BG059881.D
Acq: 25 Nov 2023 7:53

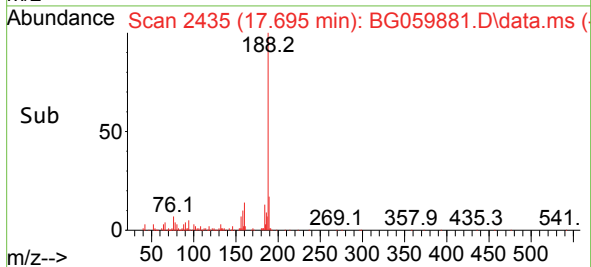
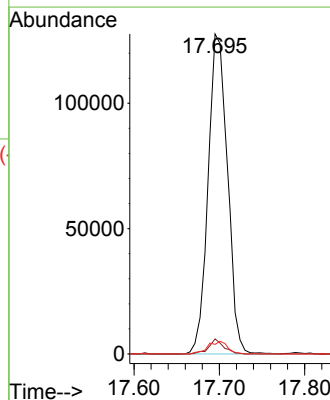
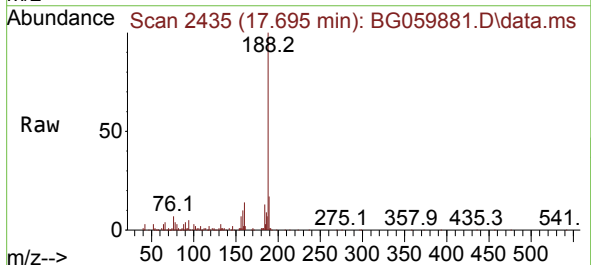
Instrument :
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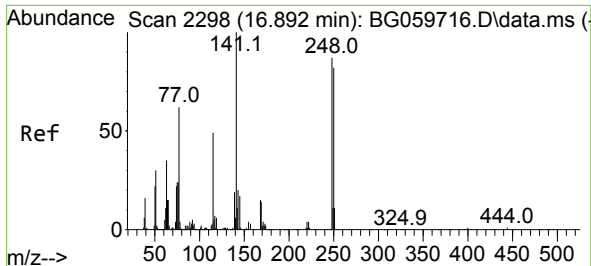
Tgt Ion:165 Resp: 11226
Ion Ratio Lower Upper
165 100
63 0.0 55.8 83.8#
89 3.5 96.9 145.3#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.695 min Scan# 2435
Delta R.T. -0.015 min
Lab File: BG059881.D
Acq: 25 Nov 2023 7:53

Tgt Ion:188 Resp: 201753
Ion Ratio Lower Upper
188 100
94 4.7 3.0 4.4#
80 3.0 4.2 6.4#

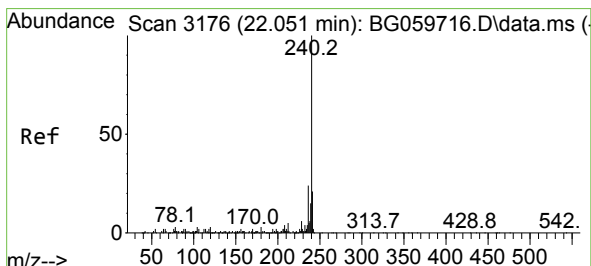
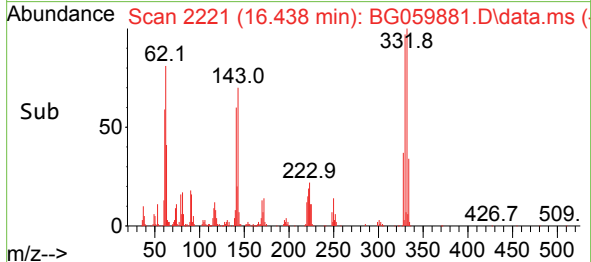
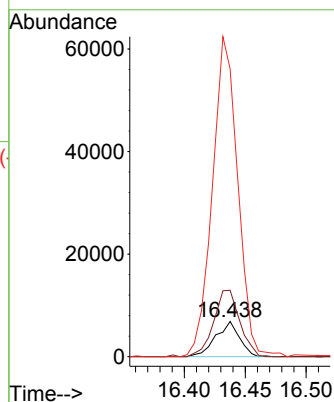
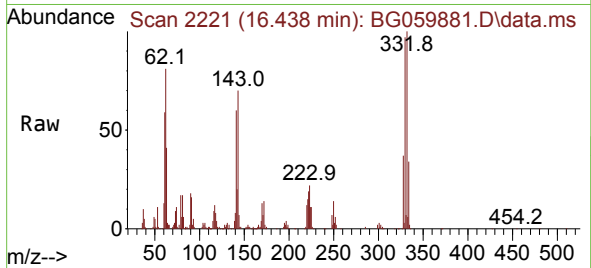




#67
4-Bromophenyl-phenylether
Concen: 4.312 ng
RT: 16.438 min Scan# 211
Delta R.T. -0.444 min
Lab File: BG059881.D
Acq: 25 Nov 2023 7:53

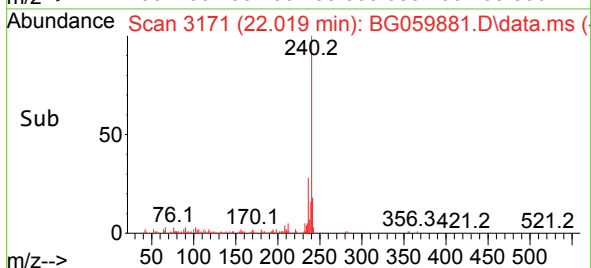
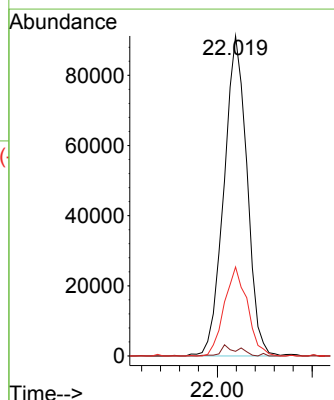
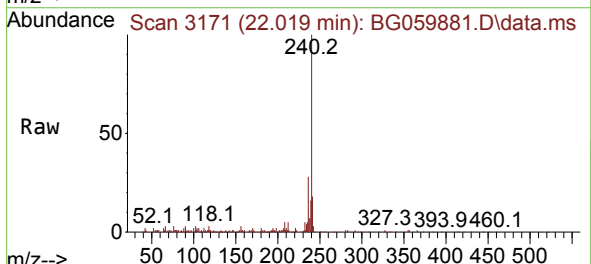
Instrument :
BNA_G
ClientSampleId :
PB157138BL

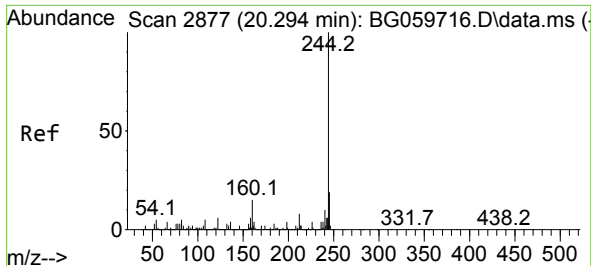
Tgt Ion:248 Resp: 9347
Ion Ratio Lower Upper
248 100
250 188.8 75.2 112.8#
141 818.2 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3171
Delta R.T. -0.015 min
Lab File: BG059881.D
Acq: 25 Nov 2023 7:53

Tgt Ion:240 Resp: 153997
Ion Ratio Lower Upper
240 100
120 1.4 2.2 3.2#
236 27.8 19.4 29.2

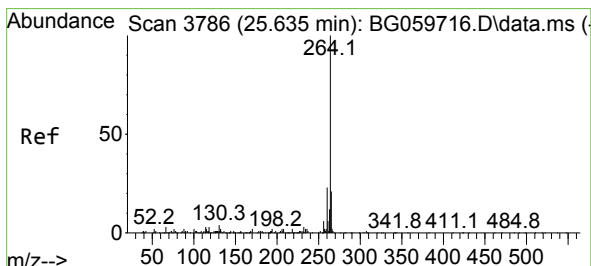
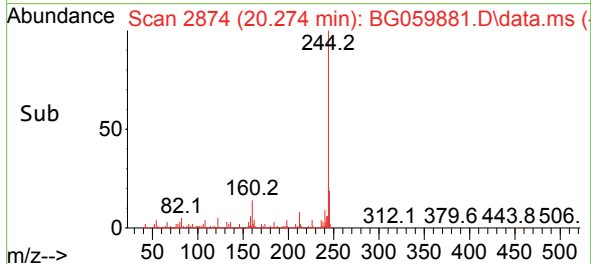
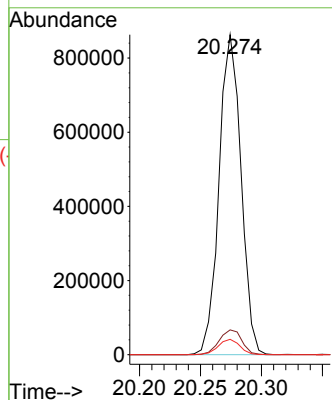
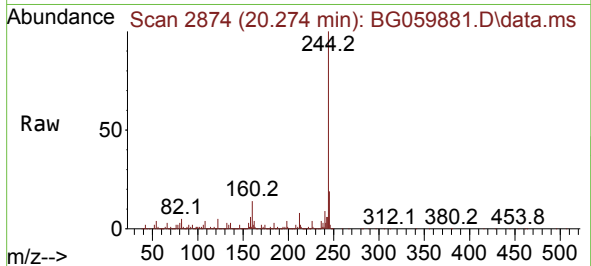




#79
 Terphenyl-d14
 Concen: 103.784 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG059881.D
 Acq: 25 Nov 2023 7:53

Instrument :
 BNA_G
 ClientSampleId :
 PB157138BL

Tgt Ion:244 Resp: 1082634
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 10.0
 122 4.8 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.592 min Scan# 3779
 Delta R.T. -0.020 min
 Lab File: BG059881.D
 Acq: 25 Nov 2023 7:53

Tgt Ion:264 Resp: 184641
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.5 27.7
 265 21.1 17.0 25.6

