

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
 Data File : BG056421.D
 Acq On : 25 Jan 2023 11:49
 Operator : CG/JU
 Sample : PB150355BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150355BL

Quant Time: Jan 26 01:11:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

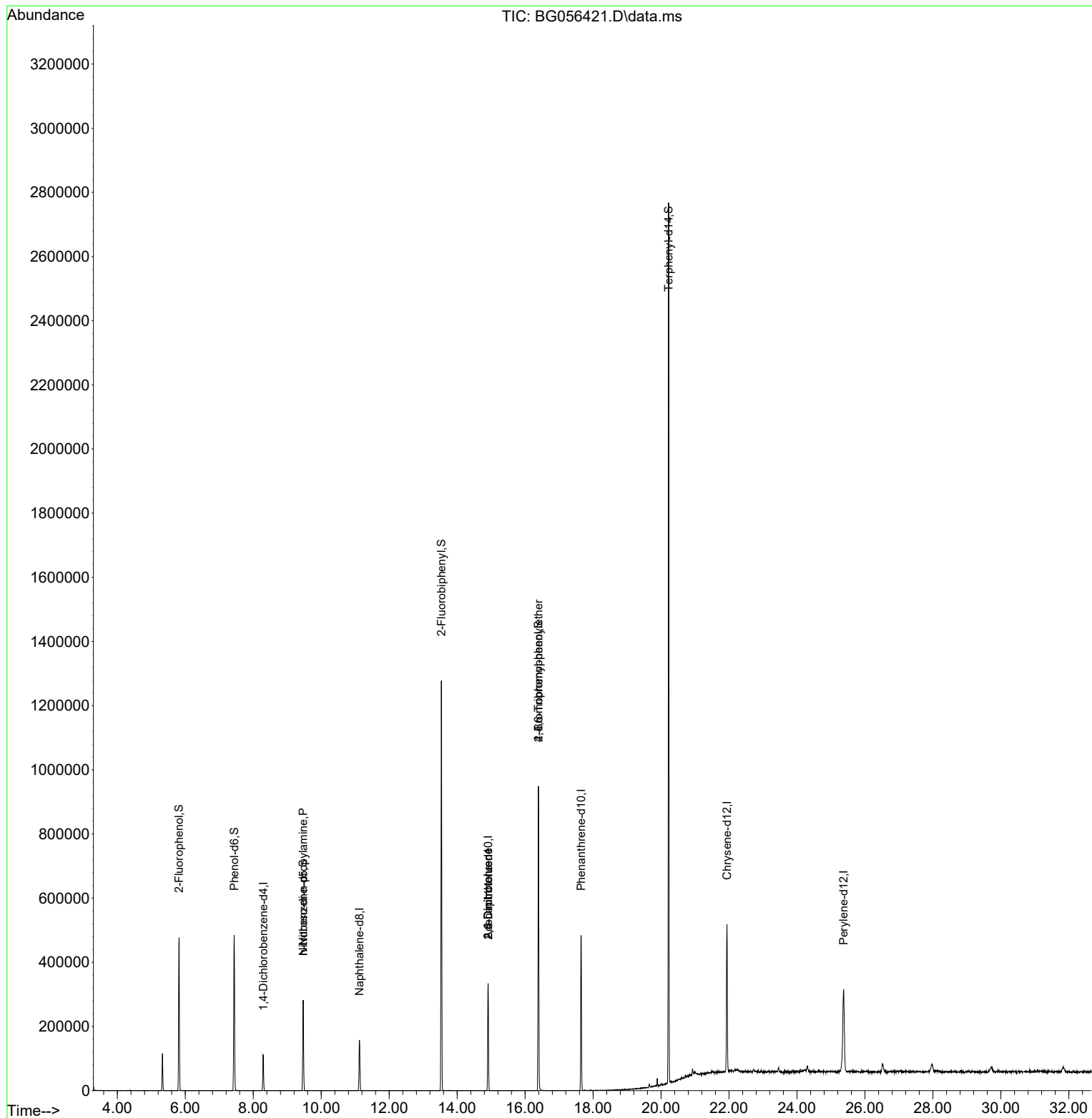
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.296	152	37921	20.000	ng	0.00
21) Naphthalene-d8	11.128	136	155209	20.000	ng	0.00
39) Acenaphthene-d10	14.912	164	133912	20.000	ng	0.00
64) Phenanthrene-d10	17.650	188	350754	20.000	ng	0.00
76) Chrysene-d12	21.939	240	310367	20.000	ng	# 0.00
86) Perylene-d12	25.370	264	333764	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.816	112	272333	128.227	ng	0.00
7) Phenol-d6	7.438	99	374554	114.837	ng	0.00
23) Nitrobenzene-d5	9.471	82	199965	65.902	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	208369	122.861	ng	0.00
45) 2-Fluorobiphenyl	13.537	172	715030	73.734	ng	0.00
79) Terphenyl-d14	20.223	244	1414356	81.619	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.471	70	24543	12.375	ng	# 73
51) 2,6-Dinitrotoluene	14.912	165	17843	7.746	ng	# 31
57) 2,4-Dinitrotoluene	14.912	165	17843	5.539	ng	# 28
67) 4-Bromophenyl-phenylether	16.392	248	16120	3.609	ng	# 1

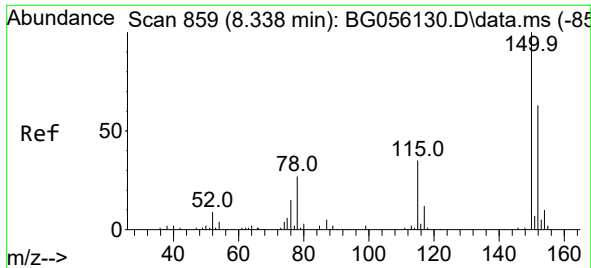
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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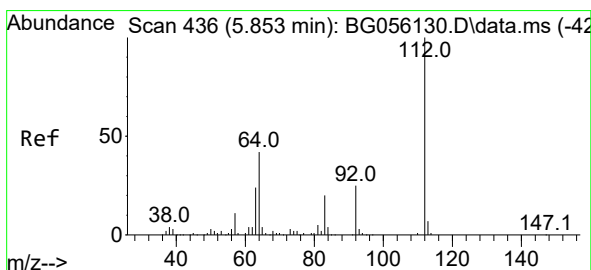
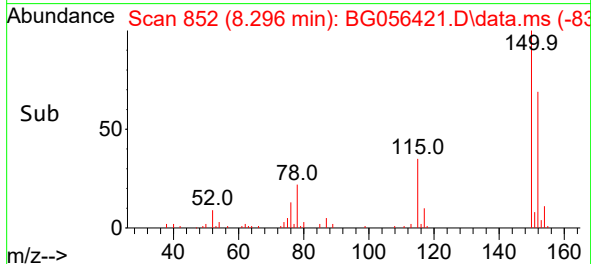
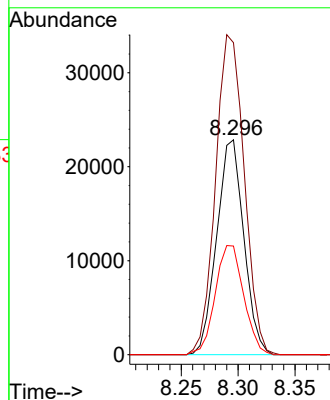
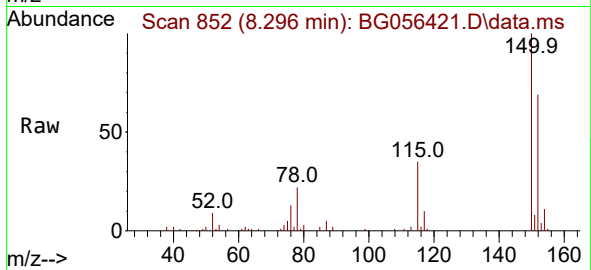




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.296 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG056421.D
Acq: 25 Jan 2023 11:49

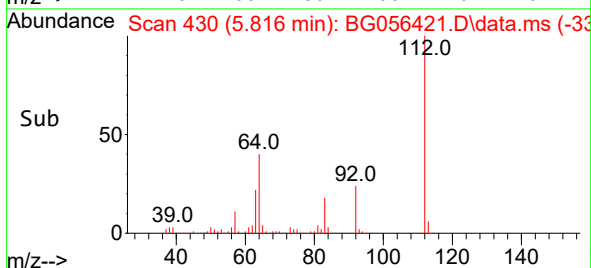
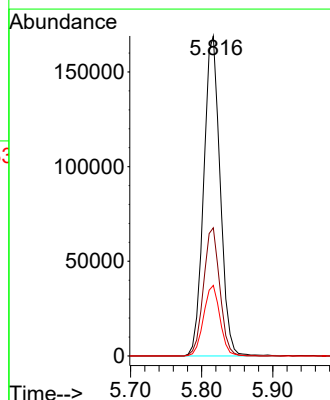
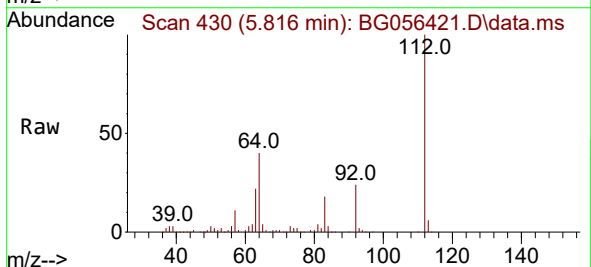
Instrument :
BNA_G
ClientSampleId :
PB150355BL

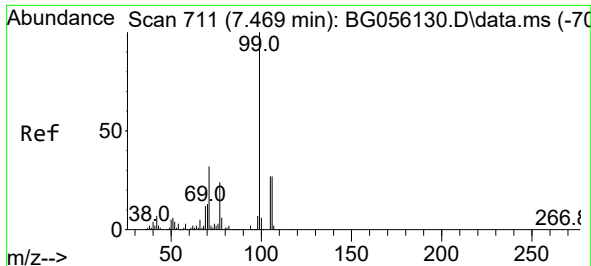
Tgt Ion:152 Resp: 37921
Ion Ratio Lower Upper
152 100
150 145.2 127.9 191.9
115 50.6 44.2 66.2



#5
2-Fluorophenol
Concen: 128.227 ng
RT: 5.816 min Scan# 430
Delta R.T. 0.003 min
Lab File: BG056421.D
Acq: 25 Jan 2023 11:49

Tgt Ion:112 Resp: 272333
Ion Ratio Lower Upper
112 100
64 40.0 33.3 49.9
63 22.0 19.0 28.4

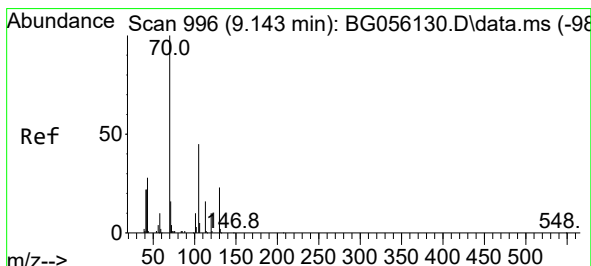
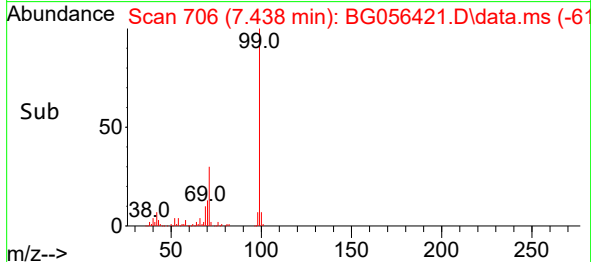
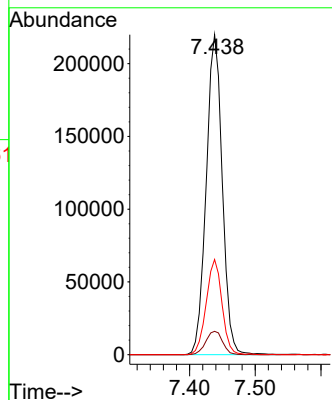
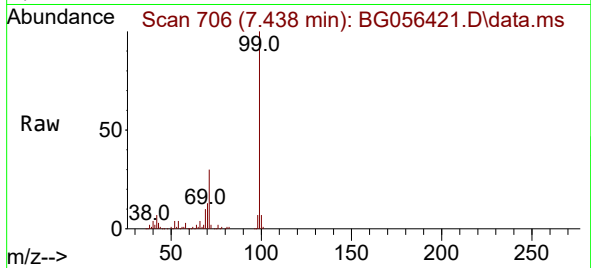




#7
Phenol-d6
Concen: 114.837 ng
RT: 7.438 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG056421.D
Acq: 25 Jan 2023 11:49

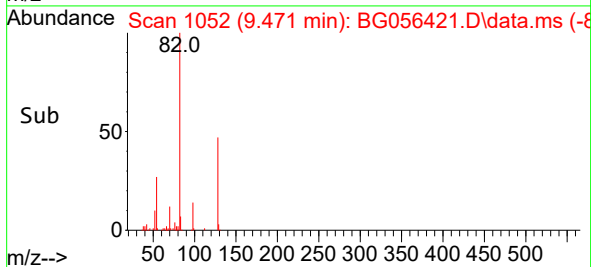
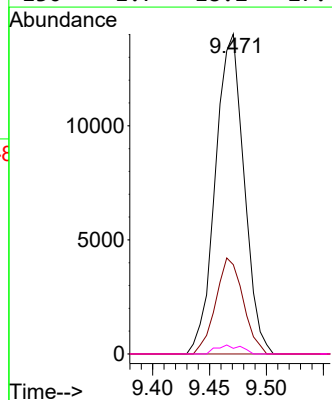
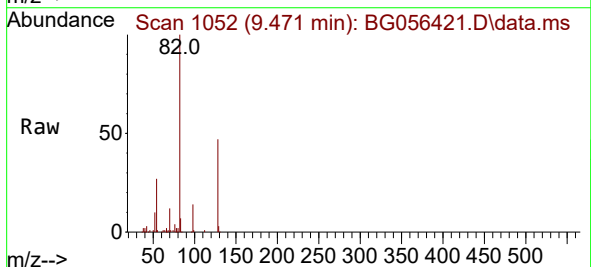
Instrument :
BNA_G
ClientSampleId :
PB150355BL

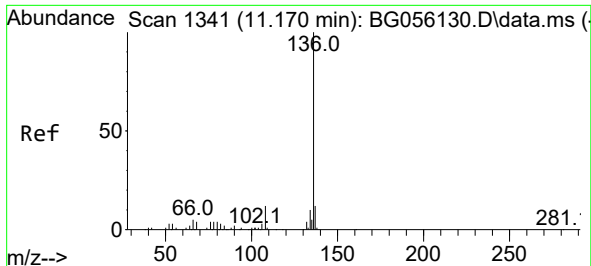
Tgt Ion: 99 Resp: 374554
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 29.7 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.375 ng
RT: 9.471 min Scan# 1052
Delta R.T. 0.373 min
Lab File: BG056421.D
Acq: 25 Jan 2023 11:49

Tgt Ion: 70 Resp: 24543
Ion Ratio Lower Upper
70 100
42 27.9 18.2 27.2#
101 0.0 8.3 12.5#
130 1.7 18.2 27.4#

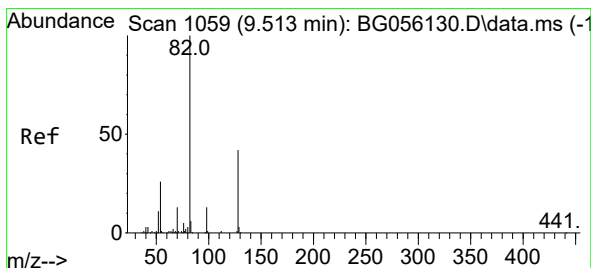
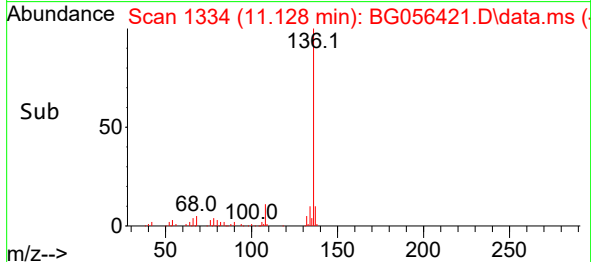
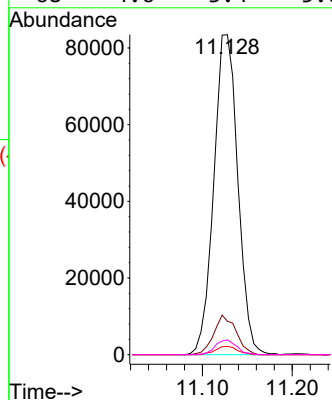
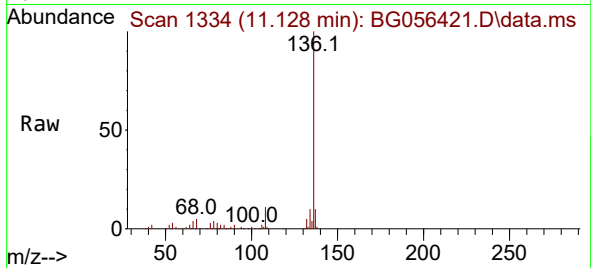




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.128 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056421.D
Acq: 25 Jan 2023 11:49

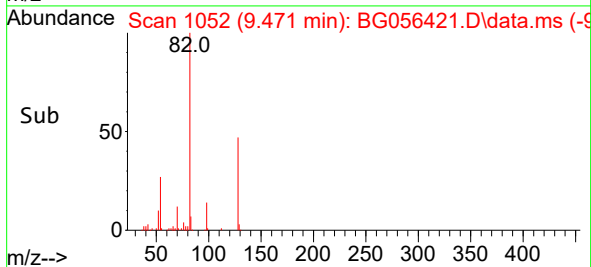
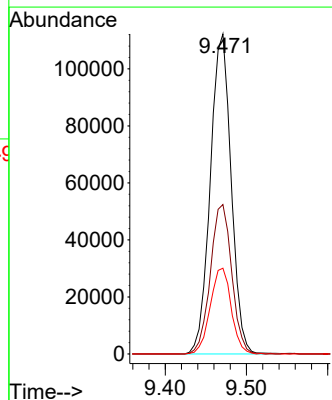
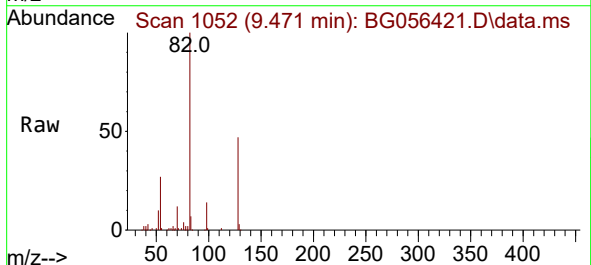
Instrument :
BNA_G
ClientSampleId :
PB150355BL

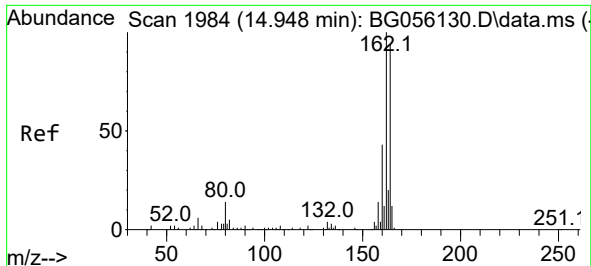
Tgt Ion:136 Resp: 155209
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.0
54 2.6 2.2 3.2
68 4.6 3.4 5.0



#23
Nitrobenzene-d5
Concen: 65.902 ng
RT: 9.471 min Scan# 1052
Delta R.T. -0.003 min
Lab File: BG056421.D
Acq: 25 Jan 2023 11:49

Tgt Ion: 82 Resp: 199965
Ion Ratio Lower Upper
82 100
128 46.7 33.4 50.2
54 26.8 20.3 30.5

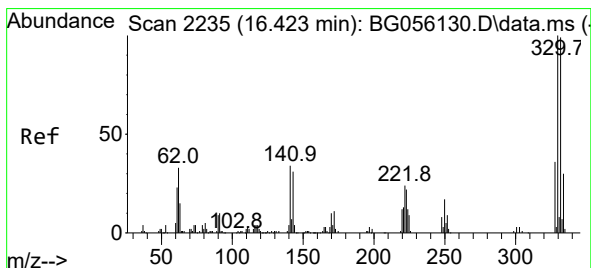
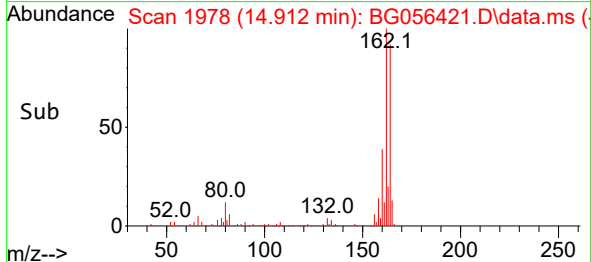
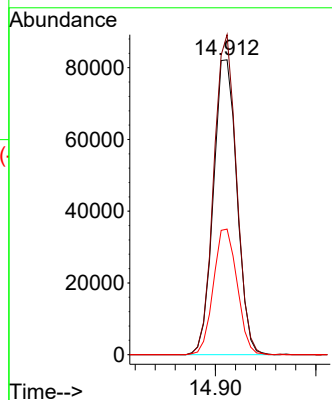
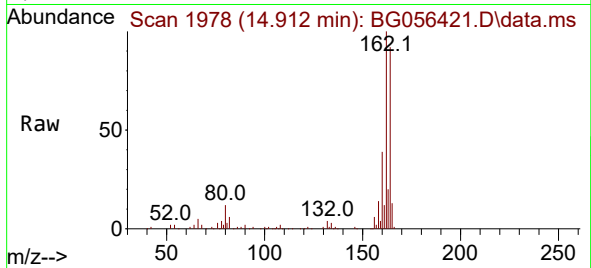




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.912 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG056421.D
Acq: 25 Jan 2023 11:49

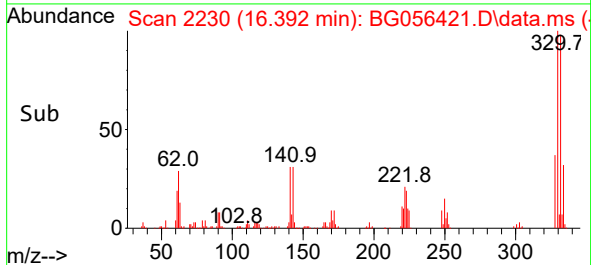
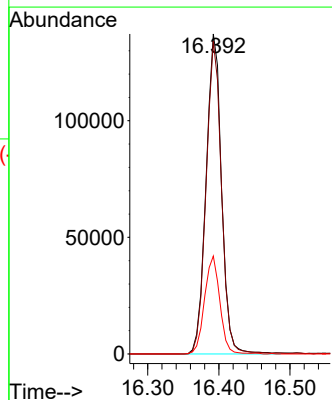
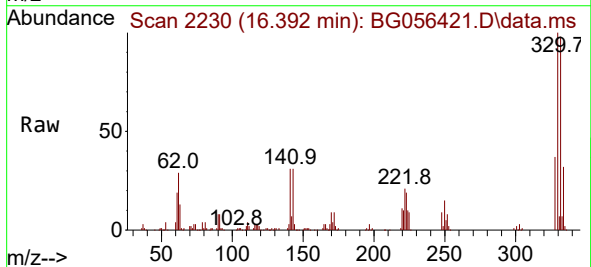
Instrument :
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ClientSampleId :
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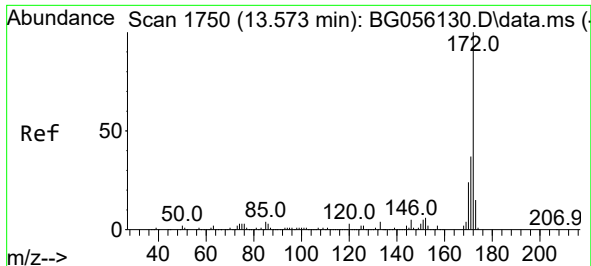
Tgt Ion:164 Resp: 133912
Ion Ratio Lower Upper
164 100
162 108.5 84.7 127.1
160 42.6 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 122.861 ng
RT: 16.392 min Scan# 2230
Delta R.T. -0.003 min
Lab File: BG056421.D
Acq: 25 Jan 2023 11:49

Tgt Ion:330 Resp: 208369
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 30.2 27.9 41.9

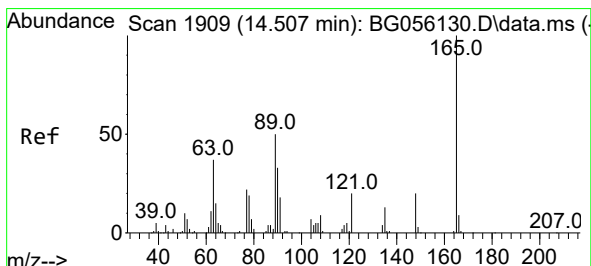
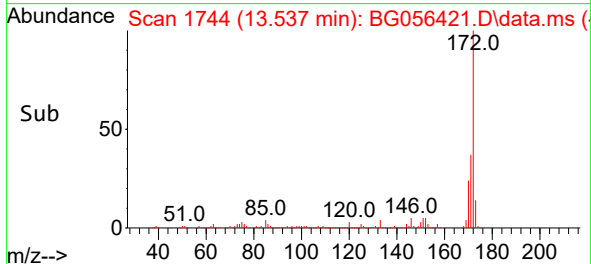
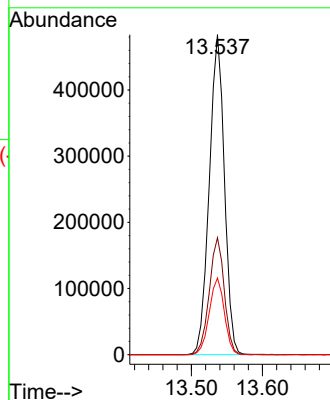
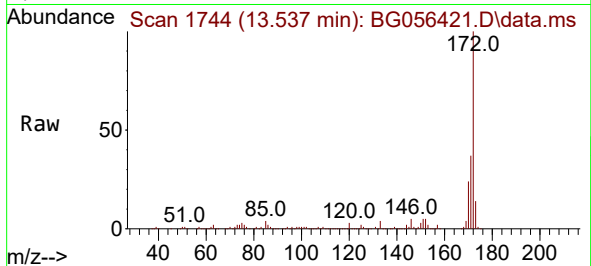




#45
2-Fluorobiphenyl
Concen: 73.734 ng
RT: 13.537 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056421.D
Acq: 25 Jan 2023 11:49

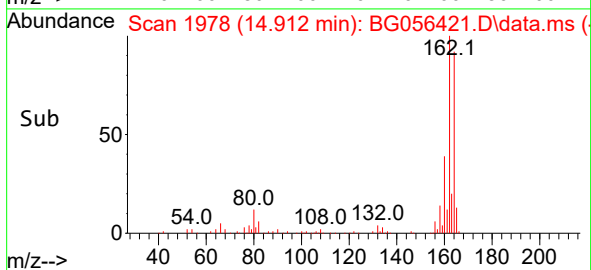
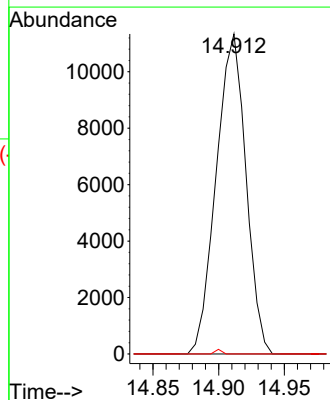
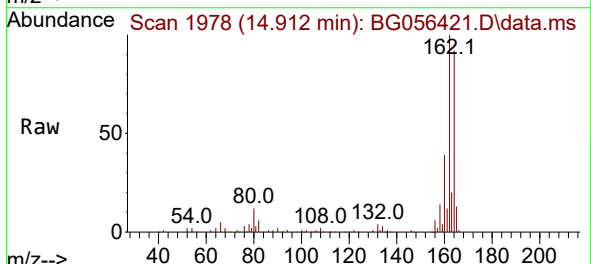
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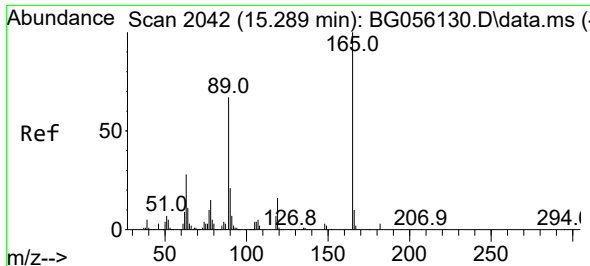
Tgt Ion:172 Resp: 715030
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.9 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.746 ng
RT: 14.912 min Scan# 1978
Delta R.T. 0.432 min
Lab File: BG056421.D
Acq: 25 Jan 2023 11:49

Tgt Ion:165 Resp: 17843
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#

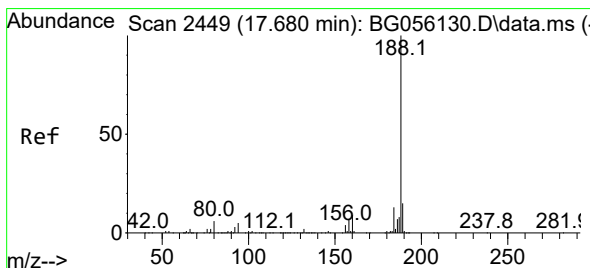
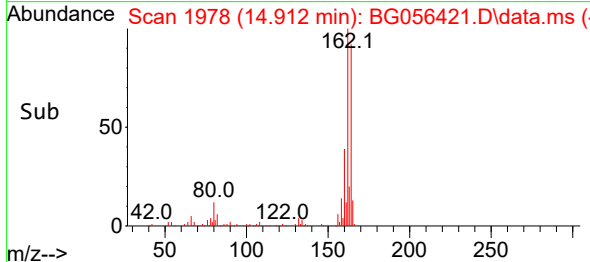
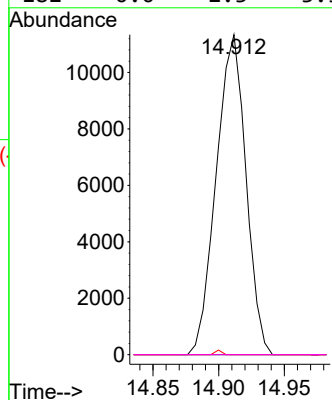
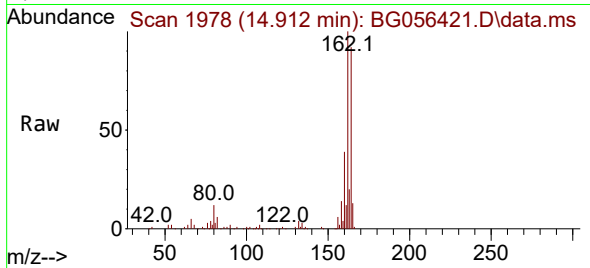




#57
2,4-Dinitrotoluene
Concen: 5.539 ng
RT: 14.912 min Scan# 1978
Delta R.T. -0.356 min
Lab File: BG056421.D
Acq: 25 Jan 2023 11:49

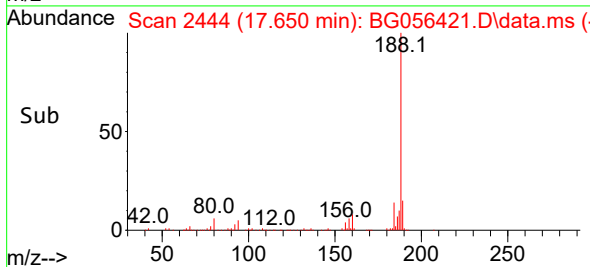
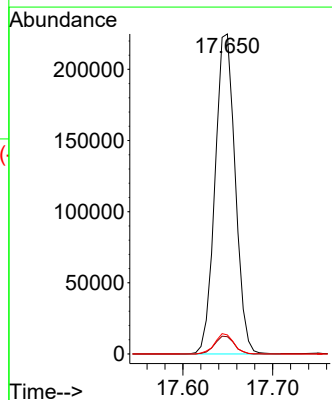
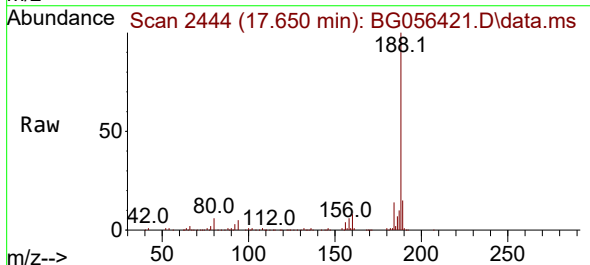
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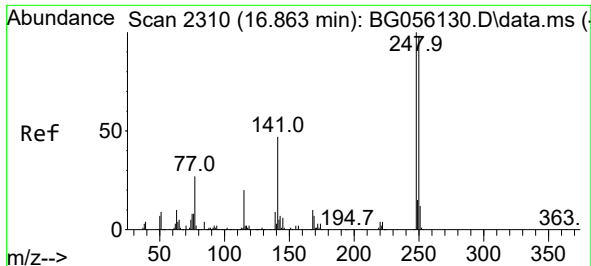
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Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.650 min Scan# 2444
Delta R.T. -0.003 min
Lab File: BG056421.D
Acq: 25 Jan 2023 11:49

Tgt Ion:188 Resp: 350754
Ion Ratio Lower Upper
188 100
94 5.4 4.2 6.2
80 6.0 5.0 7.4

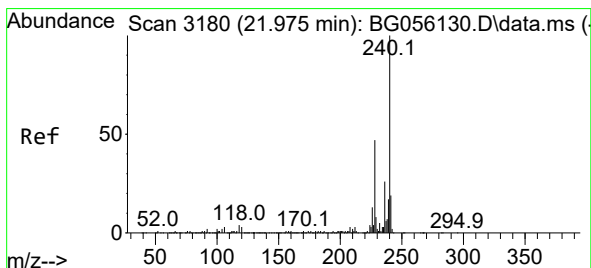
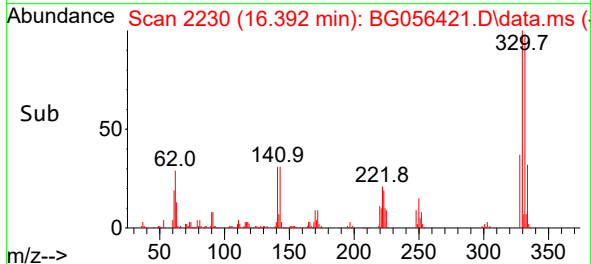
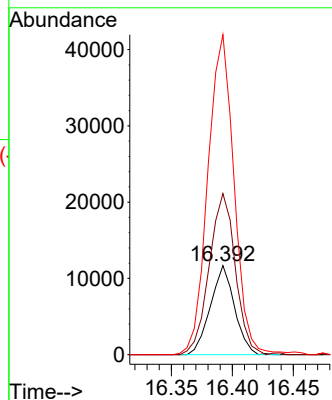
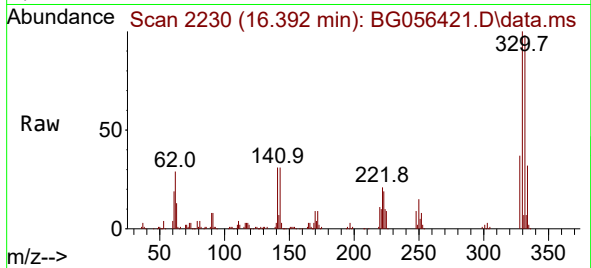




#67
4-Bromophenyl-phenylether
Concen: 3.609 ng
RT: 16.392 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG056421.D
Acq: 25 Jan 2023 11:49

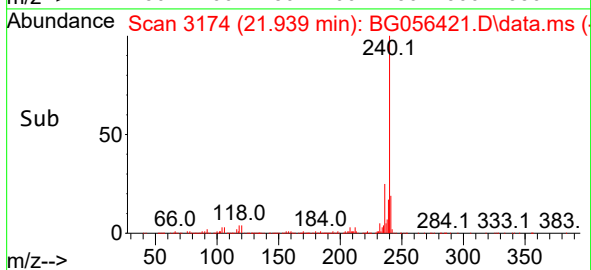
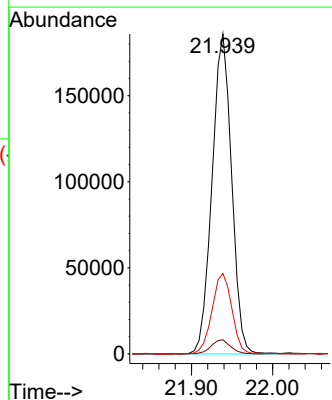
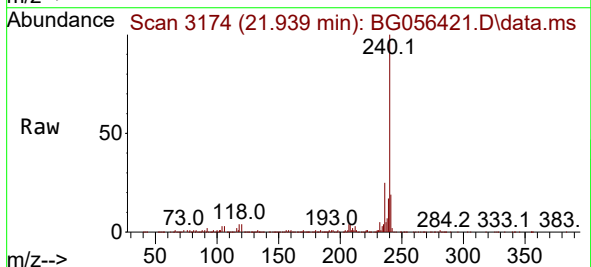
Instrument :
BNA_G
ClientSampleId :
PB150355BL

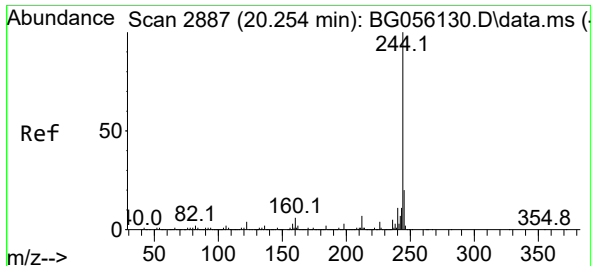
Tgt Ion:248 Resp: 16120
Ion Ratio Lower Upper
248 100
250 180.6 78.2 117.4#
141 358.8 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.939 min Scan# 3174
Delta R.T. -0.003 min
Lab File: BG056421.D
Acq: 25 Jan 2023 11:49

Tgt Ion:240 Resp: 310367
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 25.1 20.8 31.2

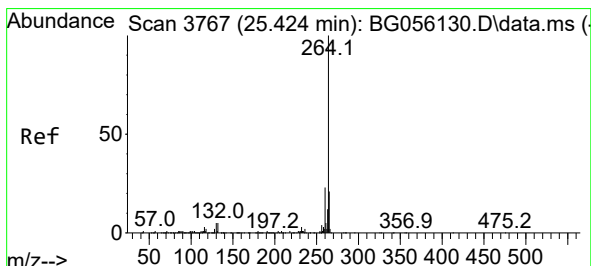
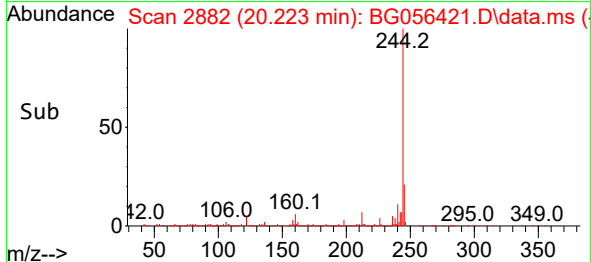
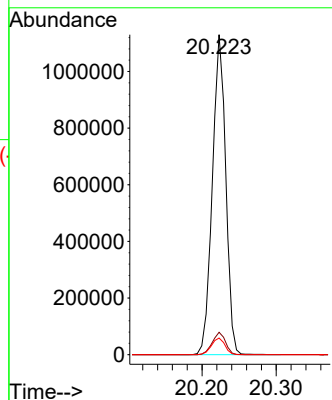
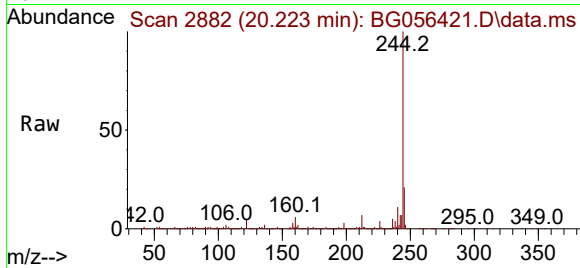




#79
 Terphenyl-d14
 Concen: 81.619 ng
 RT: 20.223 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056421.D
 Acq: 25 Jan 2023 11:49

Instrument :
 BNA_G
 ClientSampleId :
 PB150355BL

Tgt Ion:244 Resp: 1414356
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 5.2 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.370 min Scan# 3758
 Delta R.T. -0.003 min
 Lab File: BG056421.D
 Acq: 25 Jan 2023 11:49

Tgt Ion:264 Resp: 333764
 Ion Ratio Lower Upper
 264 100
 260 25.6 18.6 28.0
 265 22.3 16.7 25.1

