

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012323\
 Data File : BG056388.D
 Acq On : 23 Jan 2023 17:47
 Operator : CG/JU
 Sample : 01251-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Jan 24 01:23:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:31:30 2023
 Response via : Initial Calibration

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

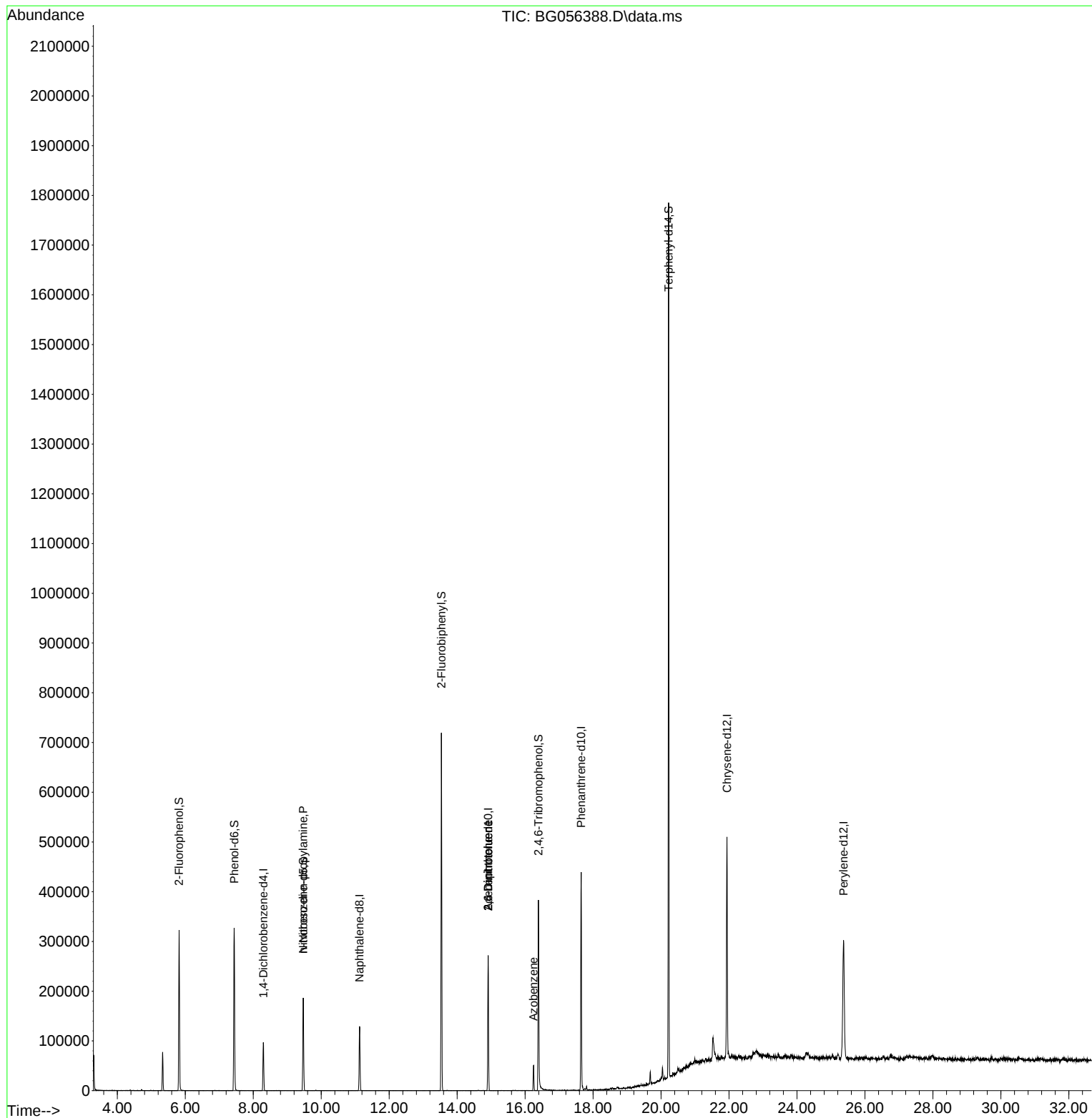
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.296	152	33323	20.000	ng	-0.01
21) Naphthalene-d8	11.128	136	124407	20.000	ng	#-0.01
39) Acenaphthene-d10	14.911	164	102127	20.000	ng	-0.01
64) Phenanthrene-d10	17.649	188	299128	20.000	ng	-0.01
76) Chrysene-d12	21.939	240	287168	20.000	ng	#-0.02
86) Perylene-d12	25.370	264	306141	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.816	112	185634	99.466	ng	-0.01
7) Phenol-d6	7.438	99	262969	91.751	ng	-0.01
23) Nitrobenzene-d5	9.471	82	131364	54.012	ng	-0.02
42) 2,4,6-Tribromophenol	16.392	330	91156	70.477	ng	-0.01
45) 2-Fluorobiphenyl	13.537	172	403754	54.593	ng	-0.01
79) Terphenyl-d14	20.223	244	929781	57.990	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.471	70	16732	9.600	ng	# 73
51) 2,6-Dinitrotoluene	14.911	165	13357	7.603	ng	# 32
57) 2,4-Dinitrotoluene	14.911	165	13357	5.437	ng	# 29
63) Azobenzene	16.245	77	13933	2.335	ng	# 1

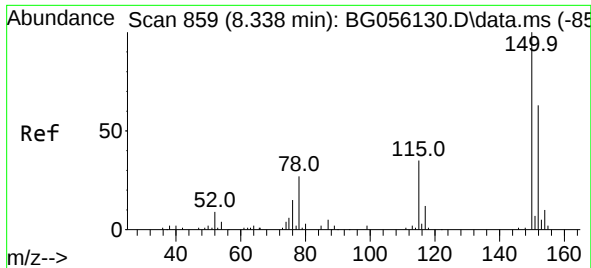
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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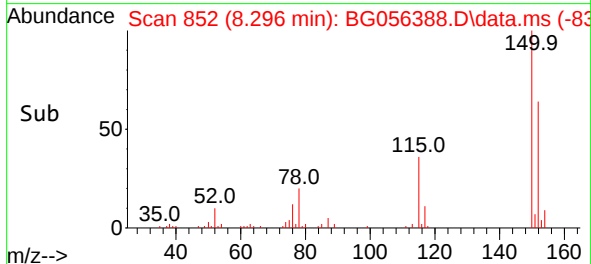
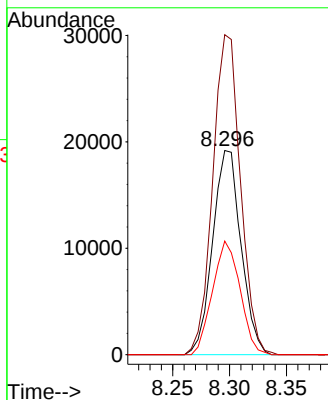
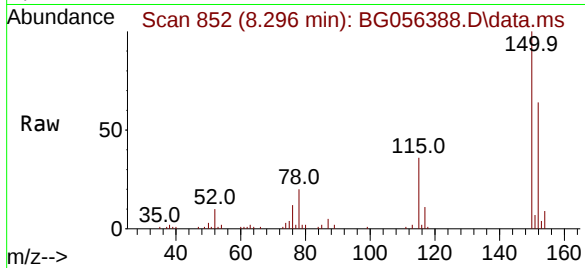




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.296 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG056388.D
Acq: 23 Jan 2023 17:47

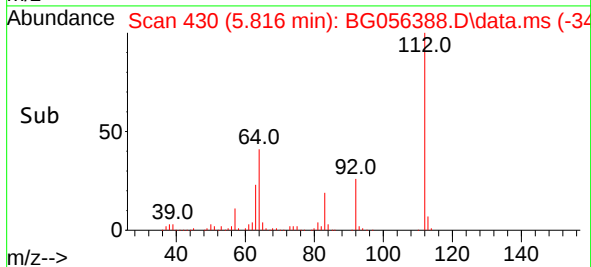
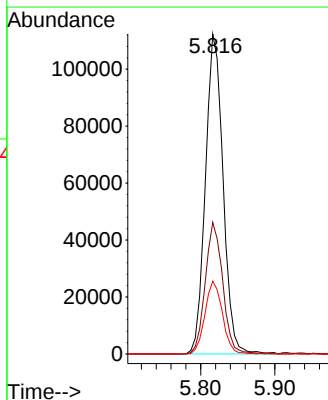
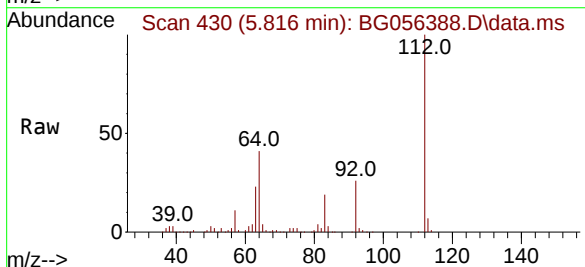
Instrument :
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ClientSampleId :
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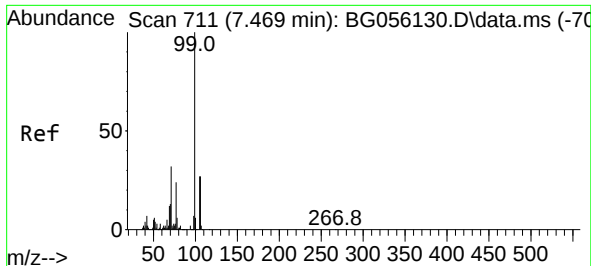
Tgt Ion:152 Resp: 33323
Ion Ratio Lower Upper
152 100
150 156.7 127.9 191.9
115 55.6 44.2 66.2



#5
2-Fluorophenol
Concen: 99.466 ng
RT: 5.816 min Scan# 430
Delta R.T. -0.010 min
Lab File: BG056388.D
Acq: 23 Jan 2023 17:47

Tgt Ion:112 Resp: 185634
Ion Ratio Lower Upper
112 100
64 41.1 33.3 49.9
63 22.7 19.0 28.4

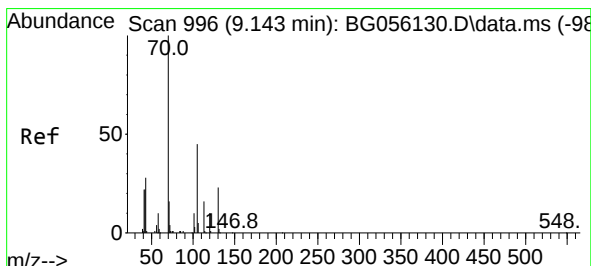
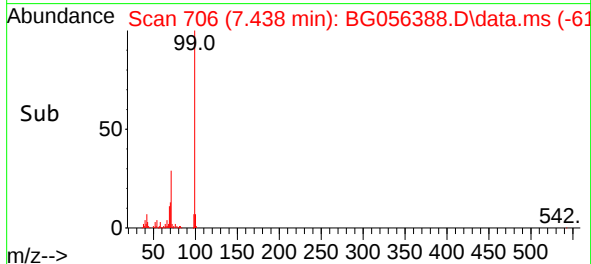
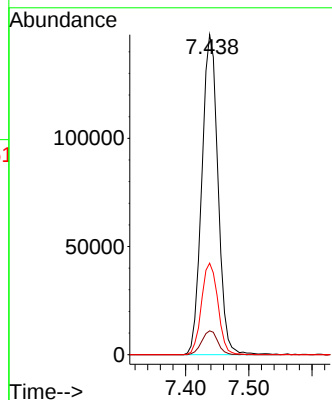
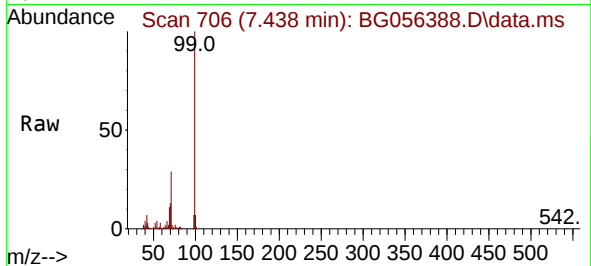




#7
Phenol-d6
Concen: 91.751 ng
RT: 7.438 min Scan# 706
Delta R.T. -0.010 min
Lab File: BG056388.D
Acq: 23 Jan 2023 17:47

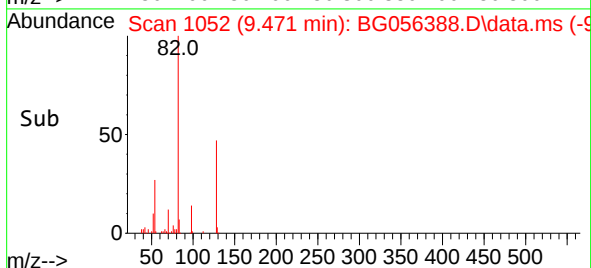
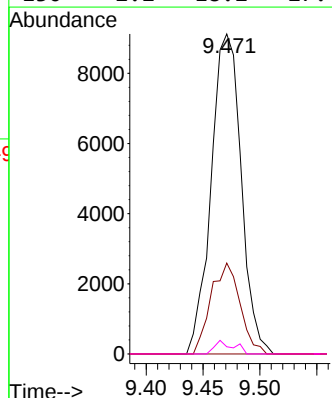
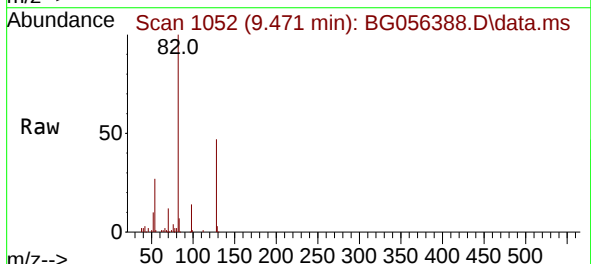
Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion: 99 Resp: 262969
Ion Ratio Lower Upper
99 100
42 7.5 5.9 8.9
71 28.6 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.600 ng
RT: 9.471 min Scan# 1052
Delta R.T. 0.360 min
Lab File: BG056388.D
Acq: 23 Jan 2023 17:47

Tgt Ion: 70 Resp: 16732
Ion Ratio Lower Upper
70 100
42 28.4 18.2 27.2#
101 0.0 8.3 12.5#
130 2.2 18.2 27.4#

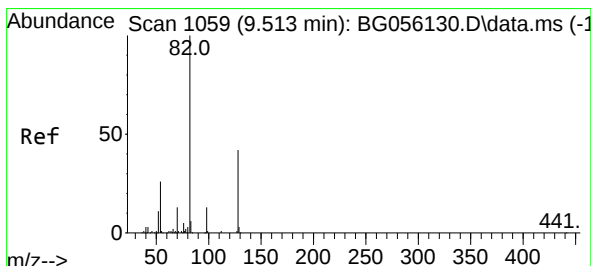
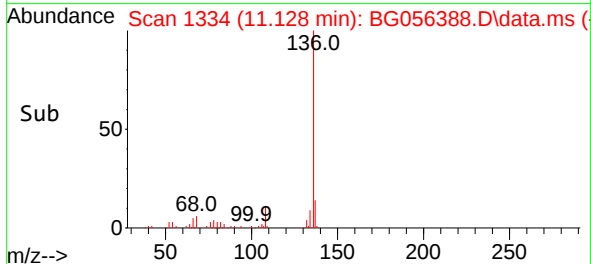
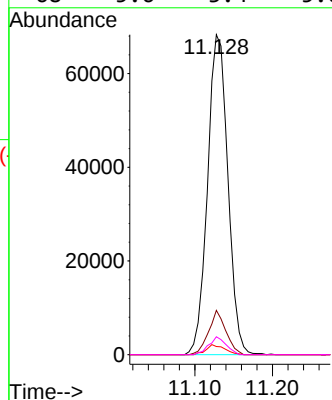
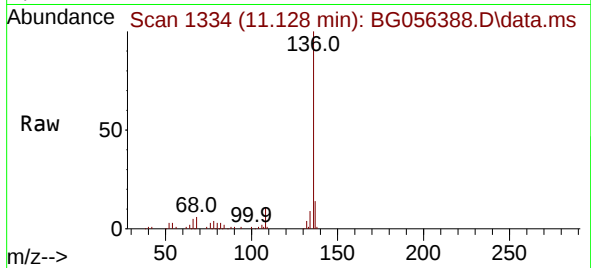




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.128 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG056388.D
Acq: 23 Jan 2023 17:47

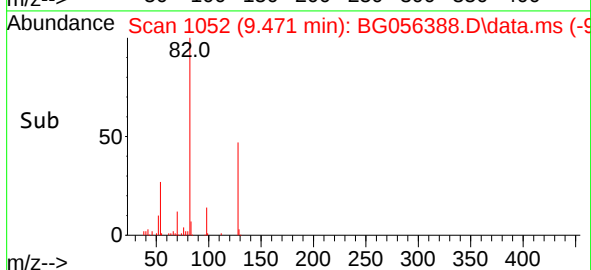
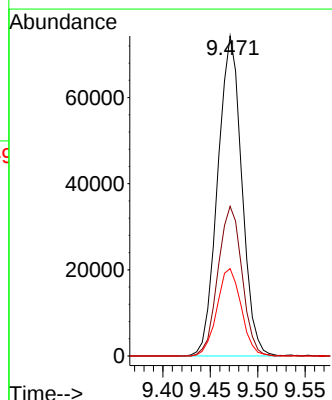
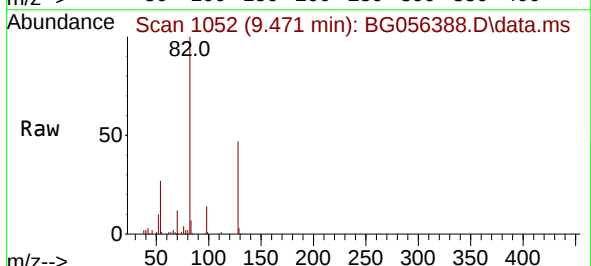
Instrument :
BNA_G
ClientSampleId :
COMP-1

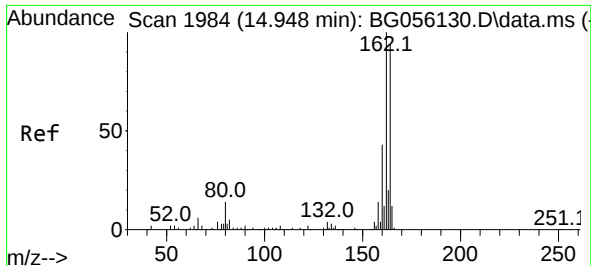
Tgt Ion:136 Resp: 124407
Ion Ratio Lower Upper
136 100
137 13.8 9.4 14.0
54 2.5 2.2 3.2
68 5.6 3.4 5.0#



#23
Nitrobenzene-d5
Concen: 54.012 ng
RT: 9.471 min Scan# 1052
Delta R.T. -0.016 min
Lab File: BG056388.D
Acq: 23 Jan 2023 17:47

Tgt Ion: 82 Resp: 131364
Ion Ratio Lower Upper
82 100
128 46.7 33.4 50.2
54 27.3 20.3 30.5

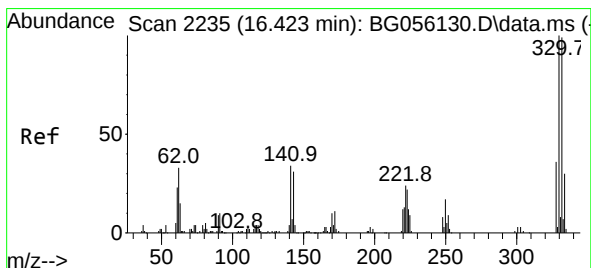
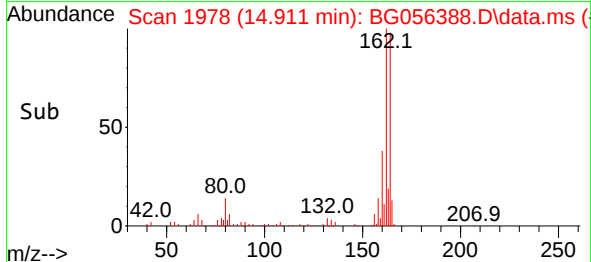
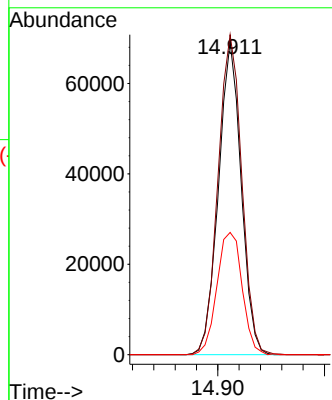
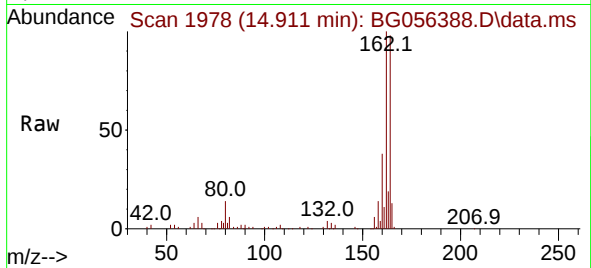




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.911 min Scan# 1984
Delta R.T. -0.010 min
Lab File: BG056388.D
Acq: 23 Jan 2023 17:47

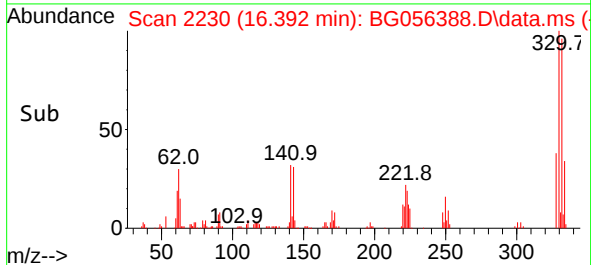
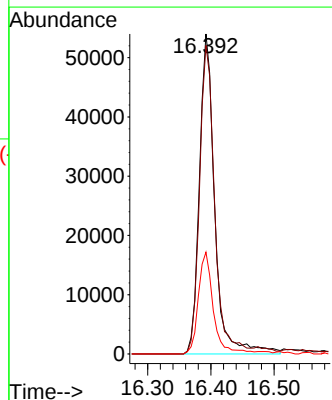
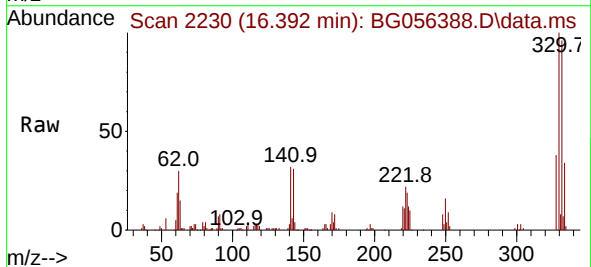
Instrument :
BNA_G
ClientSampleId :
COMP-1

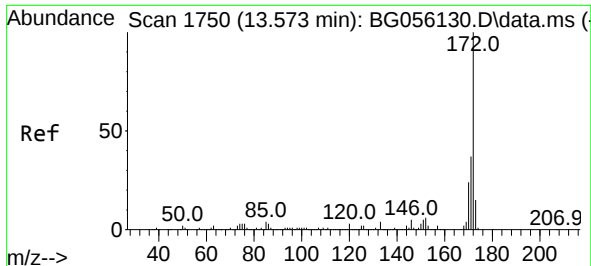
Tgt Ion:164 Resp: 102127
Ion Ratio Lower Upper
164 100
162 102.1 84.7 127.1
160 39.0 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 70.477 ng
RT: 16.392 min Scan# 2230
Delta R.T. -0.010 min
Lab File: BG056388.D
Acq: 23 Jan 2023 17:47

Tgt Ion:330 Resp: 91156
Ion Ratio Lower Upper
330 100
332 94.8 77.3 115.9
141 31.0 27.9 41.9

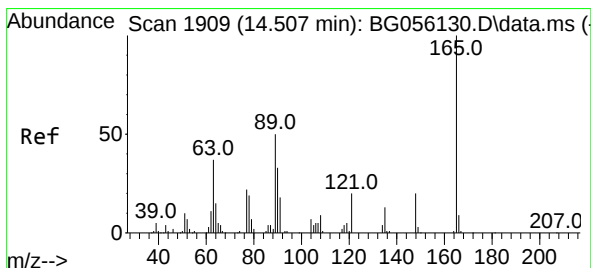
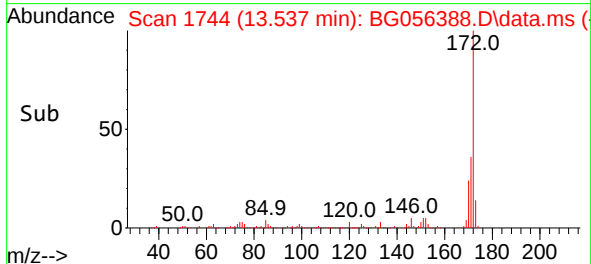
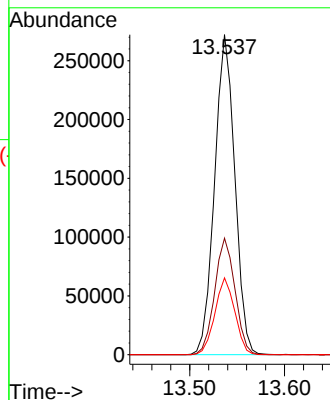
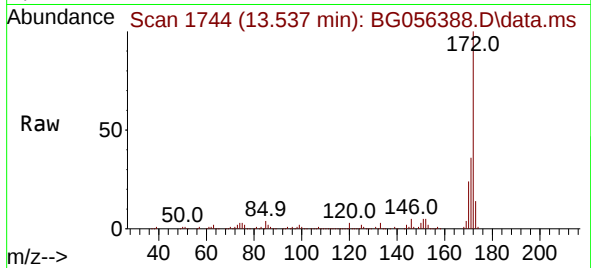




#45
2-Fluorobiphenyl
Concen: 54.593 ng
RT: 13.537 min Scan# 1750
Delta R.T. -0.010 min
Lab File: BG056388.D
Acq: 23 Jan 2023 17:47

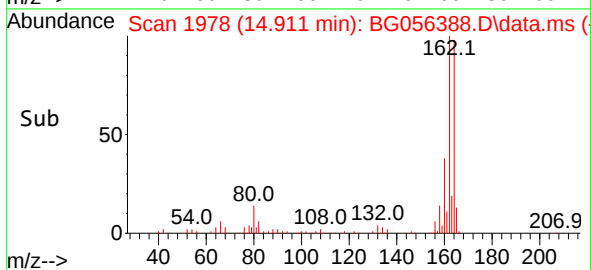
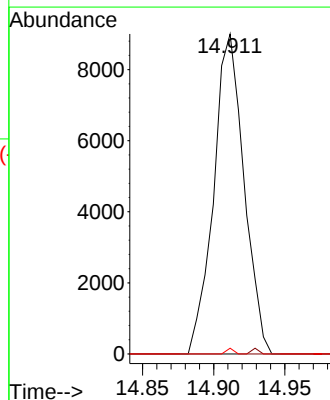
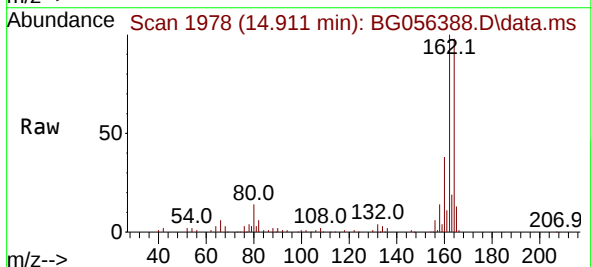
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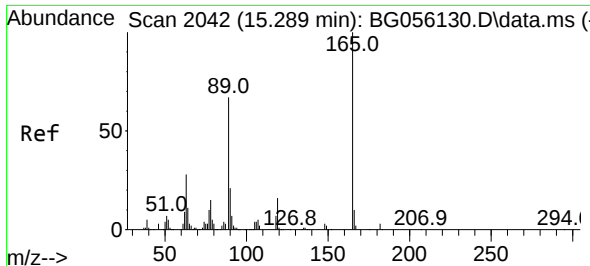
Tgt Ion:172 Resp: 403754
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.0 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.603 ng
RT: 14.911 min Scan# 1978
Delta R.T. 0.425 min
Lab File: BG056388.D
Acq: 23 Jan 2023 17:47

Tgt Ion:165 Resp: 13357
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 1.8 39.8 59.8#

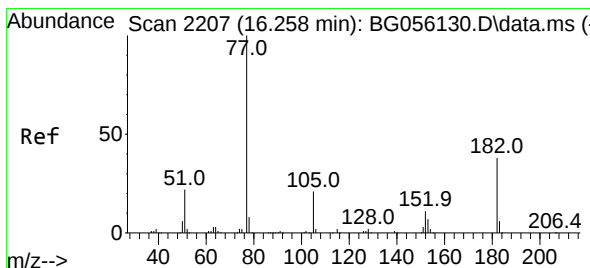
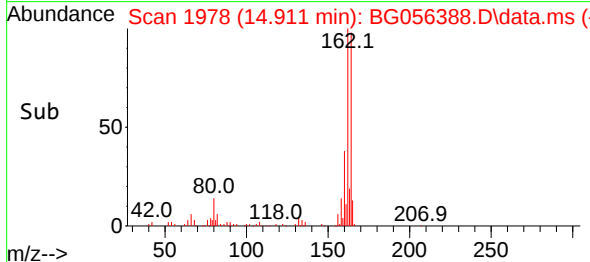
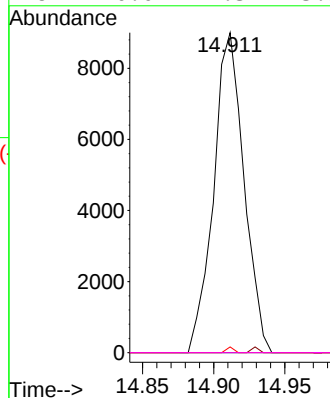
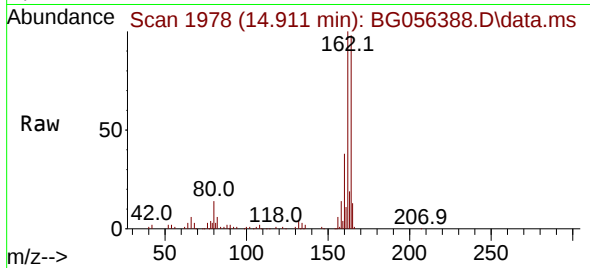




#57
 2,4-Dinitrotoluene
 Concen: 5.437 ng
 RT: 14.911 min Scan# 14
 Delta R.T. -0.363 min
 Lab File: BG056388.D
 Acq: 23 Jan 2023 17:47

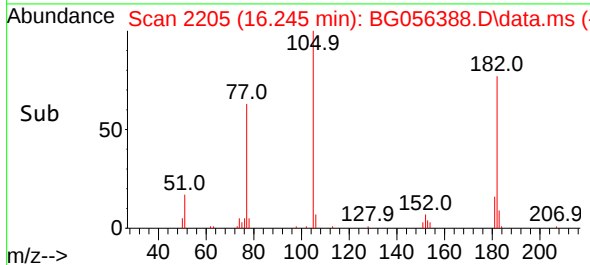
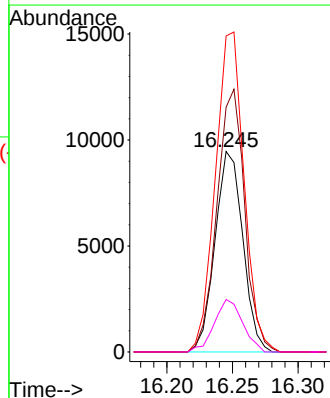
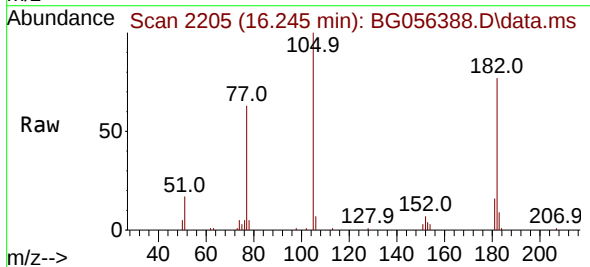
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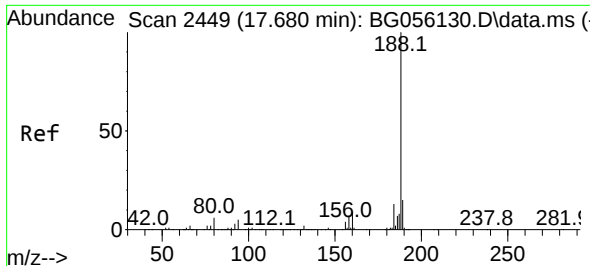
Tgt Ion:165 Resp: 13357
 Ion Ratio Lower Upper
 165 100
 63 0.0 22.6 34.0#
 89 1.8 53.2 79.8#
 182 0.0 2.3 3.5#



#63
 Azobenzene
 Concen: 2.335 ng
 RT: 16.245 min Scan# 2205
 Delta R.T. 0.007 min
 Lab File: BG056388.D
 Acq: 23 Jan 2023 17:47

Tgt Ion: 77 Resp: 13933
 Ion Ratio Lower Upper
 77 100
 182 122.1 18.5 58.5#
 105 157.6 1.4 41.4#
 51 26.2 1.5 41.5

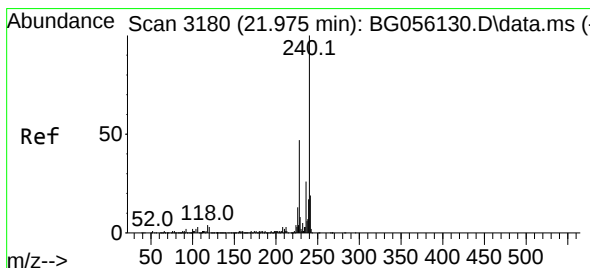
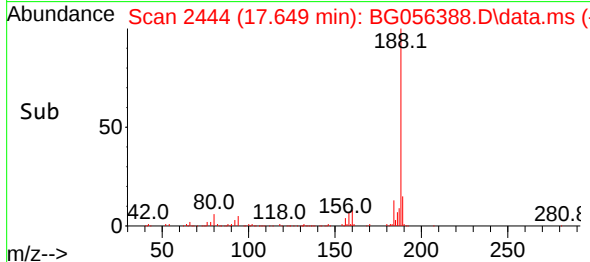
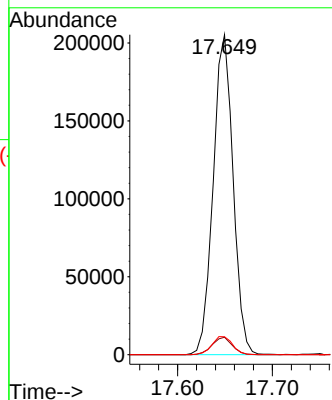
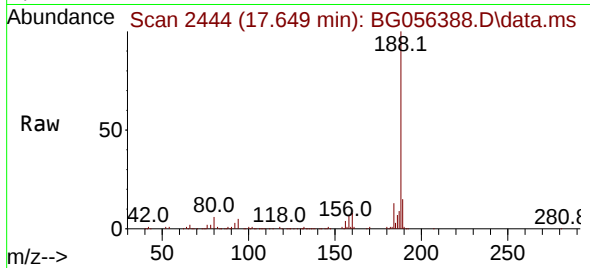




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.649 min Scan# 2449
Delta R.T. -0.010 min
Lab File: BG056388.D
Acq: 23 Jan 2023 17:47

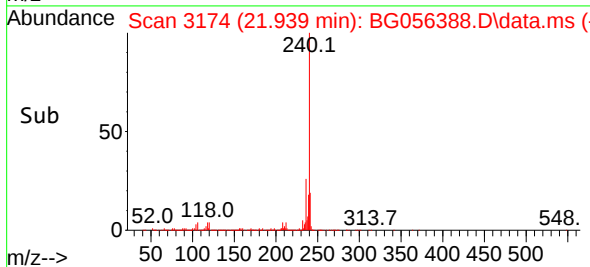
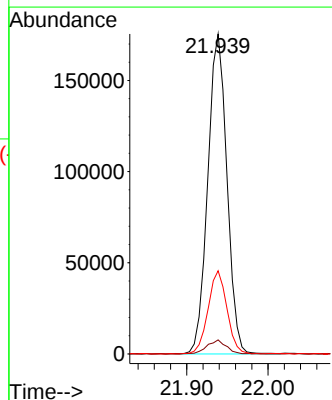
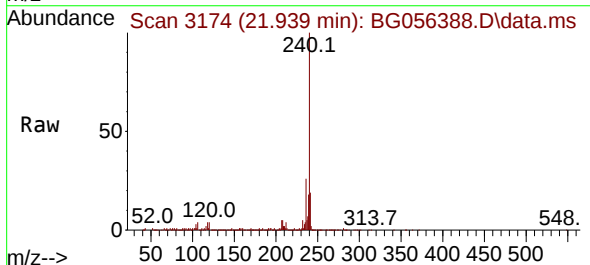
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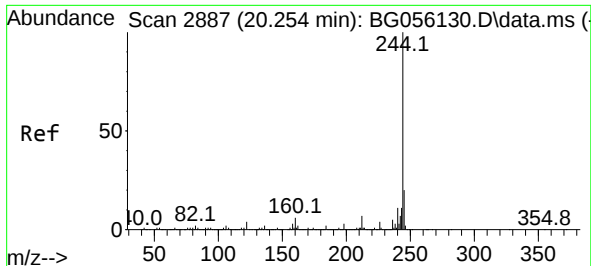
Tgt Ion:188 Resp: 299128
Ion Ratio Lower Upper
188 100
94 5.4 4.2 6.2
80 5.6 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.939 min Scan# 3174
Delta R.T. -0.016 min
Lab File: BG056388.D
Acq: 23 Jan 2023 17:47

Tgt Ion:240 Resp: 287168
Ion Ratio Lower Upper
240 100
120 4.4 2.6 4.0#
236 26.0 20.8 31.2

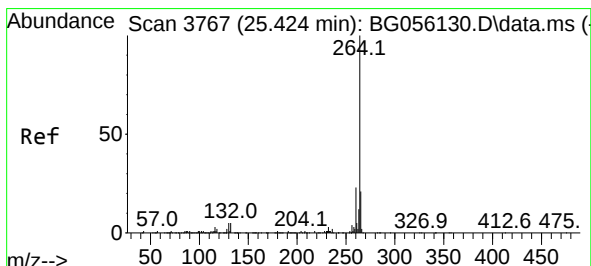
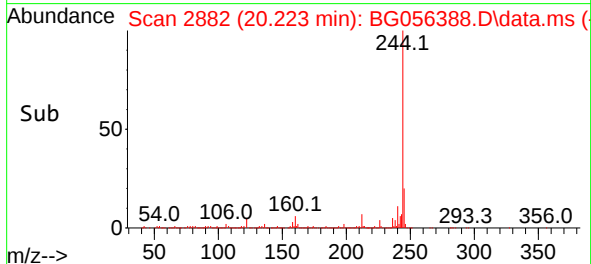
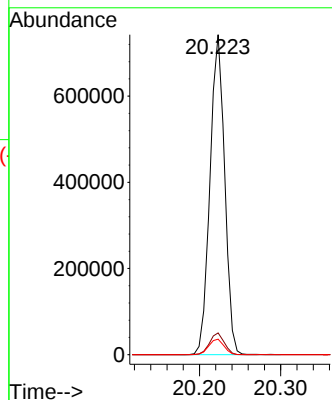
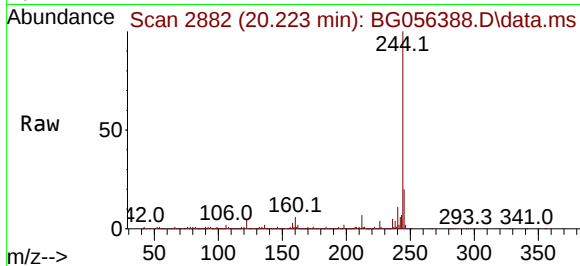




#79
 Terphenyl-d14
 Concen: 57.990 ng
 RT: 20.223 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG056388.D
 Acq: 23 Jan 2023 17:47

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Tgt Ion:244 Resp: 929781
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 4.8 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.370 min Scan# 3758
 Delta R.T. -0.022 min
 Lab File: BG056388.D
 Acq: 23 Jan 2023 17:47

Tgt Ion:264 Resp: 306141
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.6 28.0
 265 21.7 16.7 25.1

