

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122822\
 Data File : BG056139.D
 Acq On : 28 Dec 2022 14:12
 Operator : CG/JU
 Sample : PB149838TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149838TB

Quant Time: Dec 29 03:37:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

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

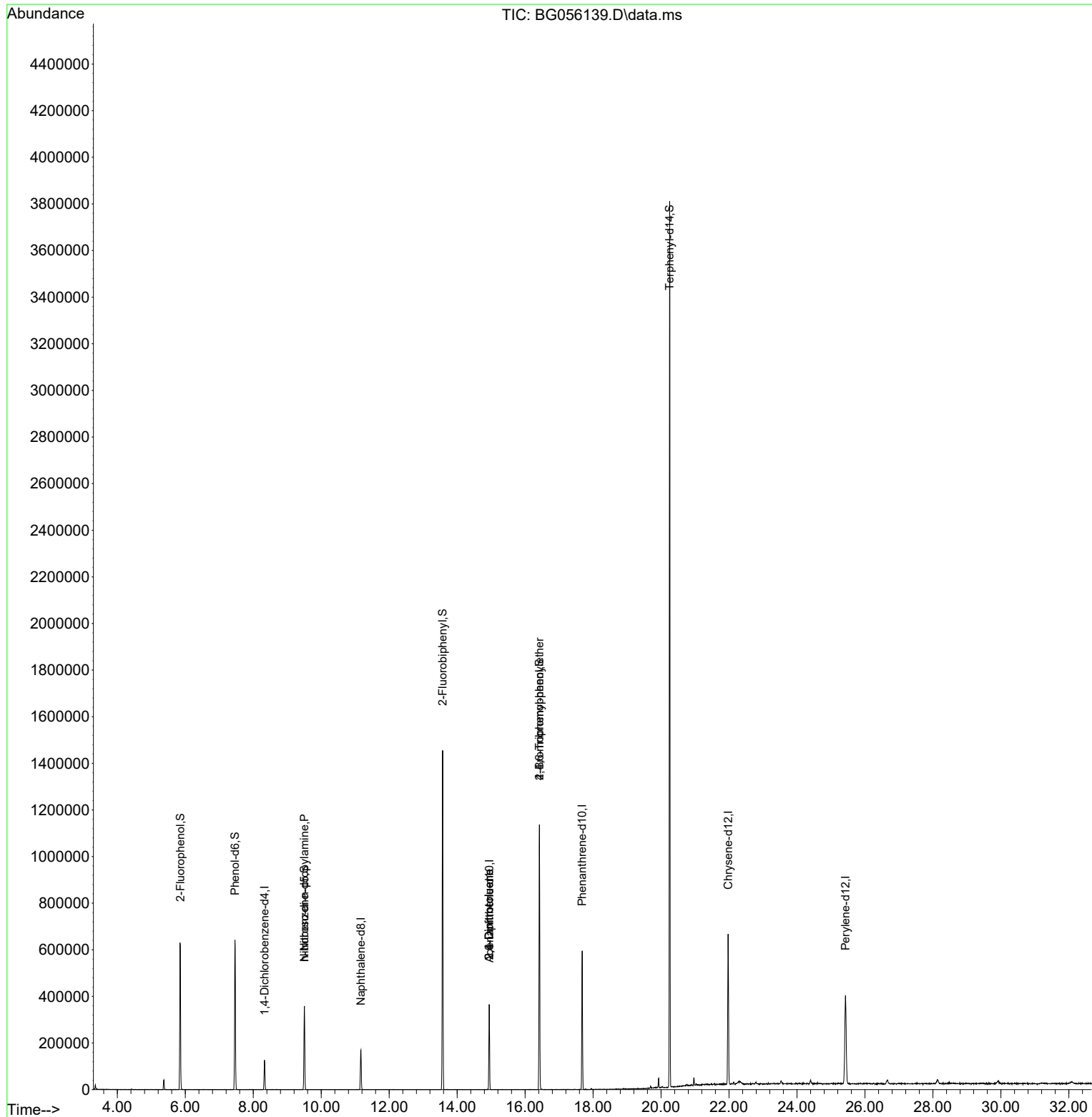
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.331	152	39832	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	159226	20.000	ng	0.00
39) Acenaphthene-d10	14.947	164	142250	20.000	ng	0.00
64) Phenanthrene-d10	17.679	188	413004	20.000	ng	0.00
76) Chrysene-d12	21.974	240	460198	20.000	ng	# 0.00
86) Perylene-d12	25.429	264	446295	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.852	112	352713	158.106	ng	0.00
7) Phenol-d6	7.462	99	491230	143.384	ng	0.00
23) Nitrobenzene-d5	9.506	82	256105	82.274	ng	0.00
42) 2,4,6-Tribromophenol	16.422	330	234646	130.245	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	841438	81.683	ng	0.00
79) Terphenyl-d14	20.253	244	2026909	78.886	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.506	70	31953	15.338	ng	# 73
51) 2,6-Dinitrotoluene	14.941	165	18791	7.680	ng	# 33
57) 2,4-Dinitrotoluene	14.941	165	18791	5.491	ng	# 30
67) 4-Bromophenyl-phenylether	16.422	248	19551	3.717	ng	# 1

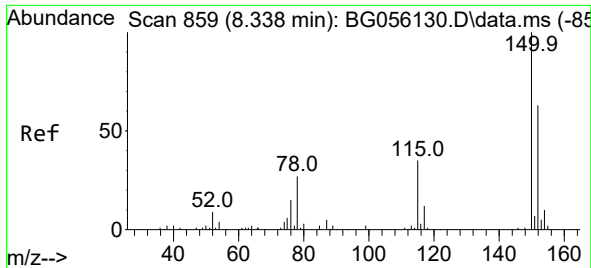
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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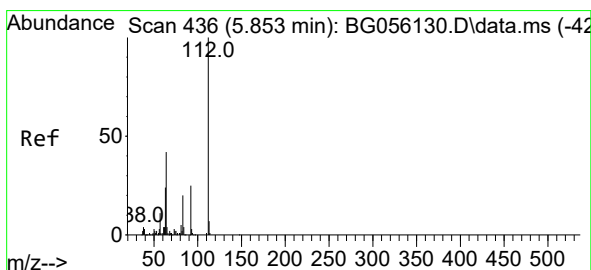
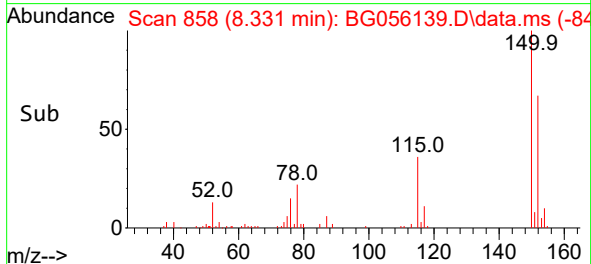
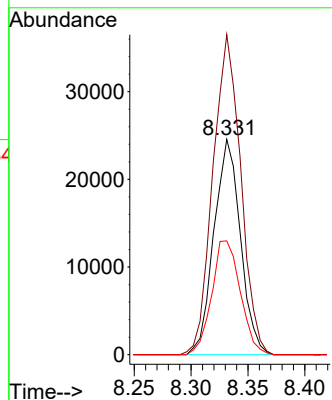
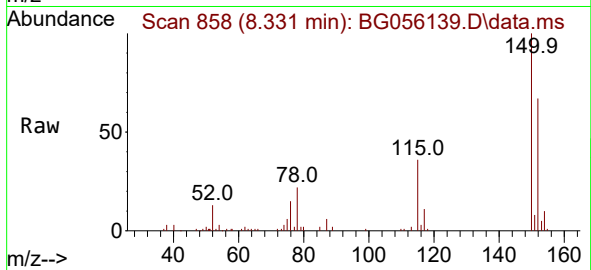




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.331 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG056139.D
Acq: 28 Dec 2022 14:12

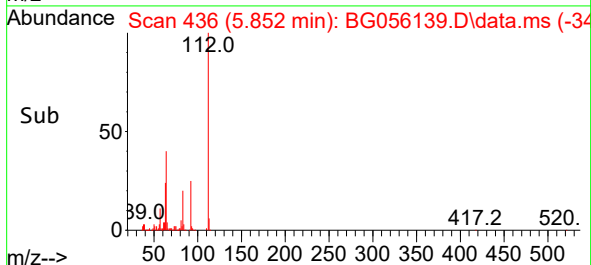
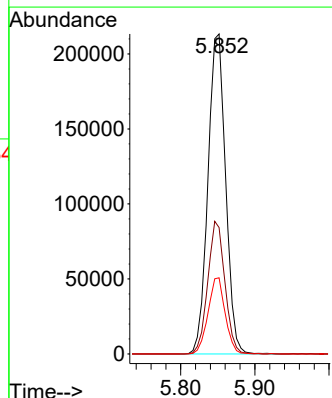
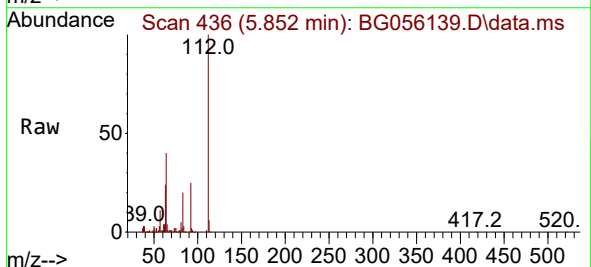
Instrument :
BNA_G
ClientSampleId :
PB149838TB

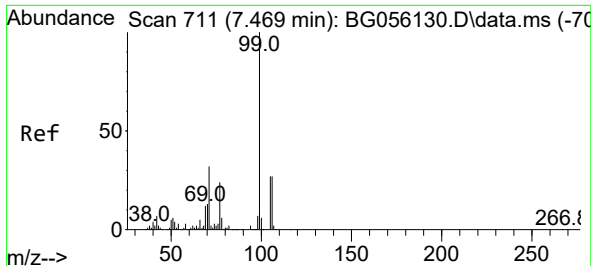
Tgt Ion:152 Resp: 39832
Ion Ratio Lower Upper
152 100
150 148.6 127.9 191.9
115 52.8 44.2 66.2



#5
2-Fluorophenol
Concen: 158.106 ng
RT: 5.852 min Scan# 436
Delta R.T. -0.001 min
Lab File: BG056139.D
Acq: 28 Dec 2022 14:12

Tgt Ion:112 Resp: 352713
Ion Ratio Lower Upper
112 100
64 39.5 33.3 49.9
63 23.8 19.0 28.4

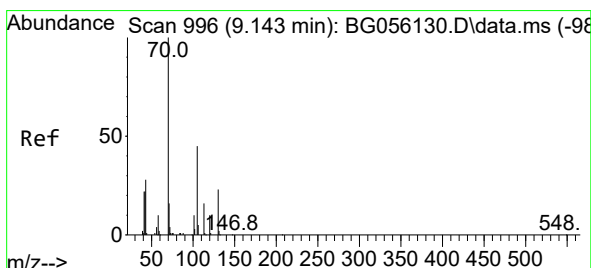
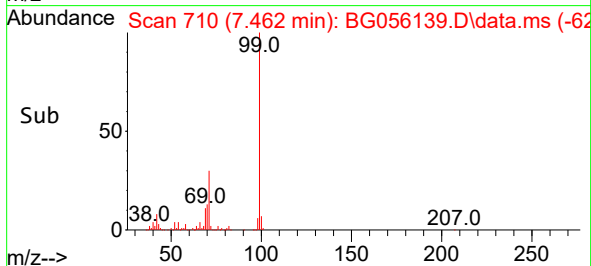
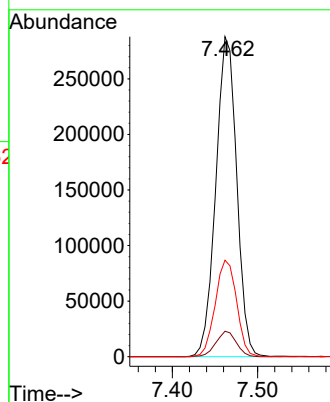
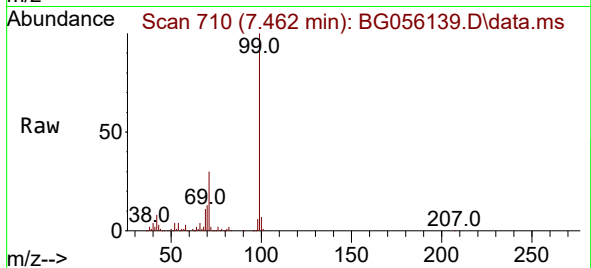




#7
Phenol-d6
Concen: 143.384 ng
RT: 7.462 min Scan# 711
Delta R.T. -0.007 min
Lab File: BG056139.D
Acq: 28 Dec 2022 14:12

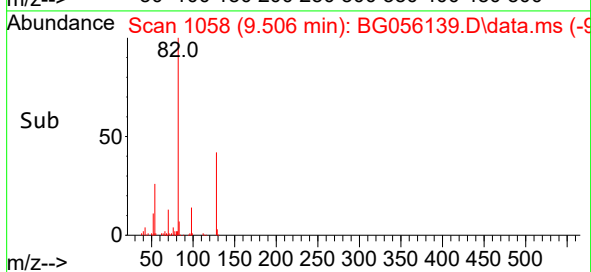
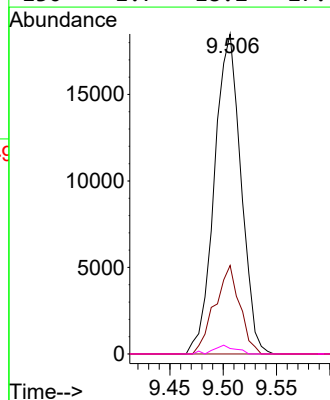
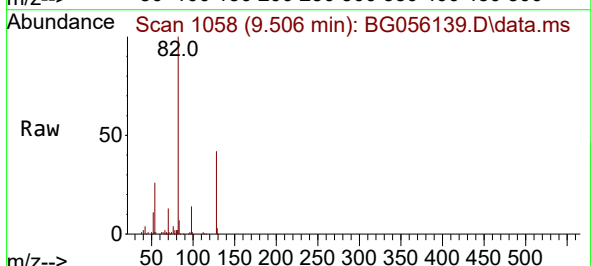
Instrument :
BNA_G
ClientSampleId :
PB149838TB

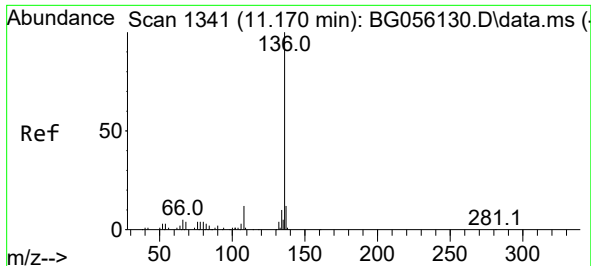
Tgt Ion: 99 Resp: 491230
Ion Ratio Lower Upper
99 100
42 8.0 5.9 8.9
71 30.2 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.338 ng
RT: 9.506 min Scan# 1058
Delta R.T. 0.363 min
Lab File: BG056139.D
Acq: 28 Dec 2022 14:12

Tgt Ion: 70 Resp: 31953
Ion Ratio Lower Upper
70 100
42 27.6 18.2 27.2#
101 0.0 8.3 12.5#
130 1.7 18.2 27.4#

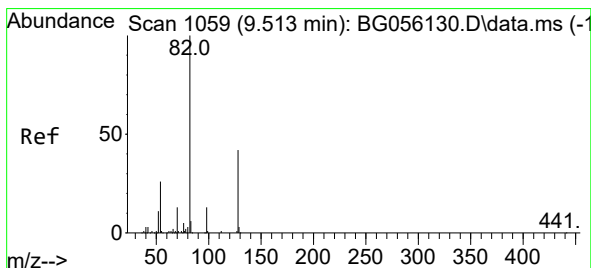
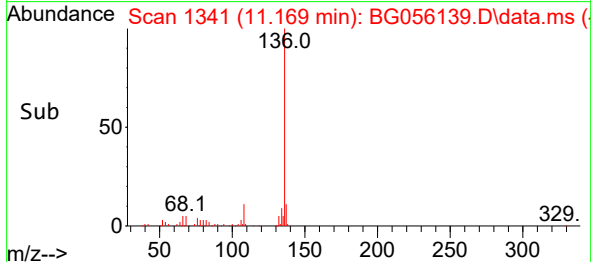
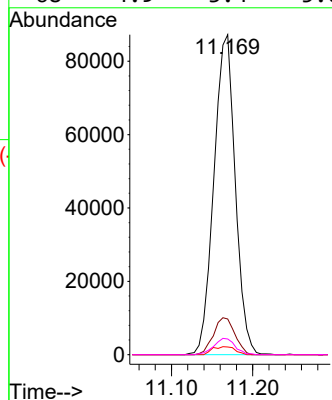
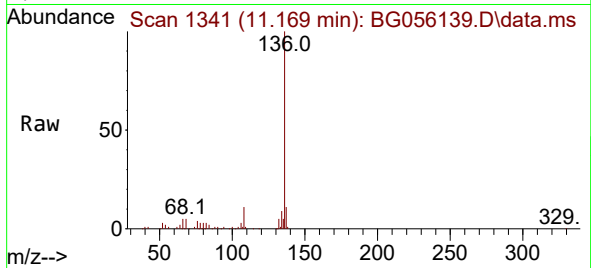




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.169 min Scan# 111
Delta R.T. -0.001 min
Lab File: BG056139.D
Acq: 28 Dec 2022 14:12

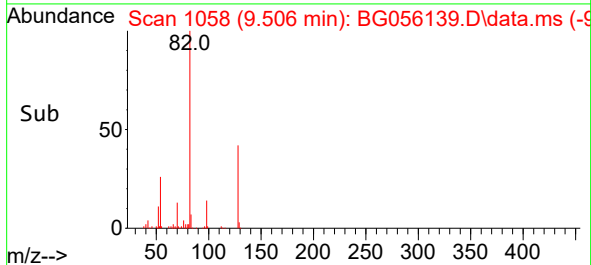
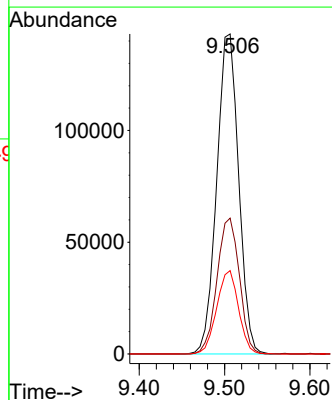
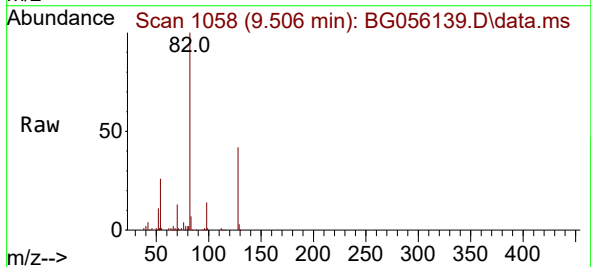
Instrument :
BNA_G
ClientSampleId :
PB149838TB

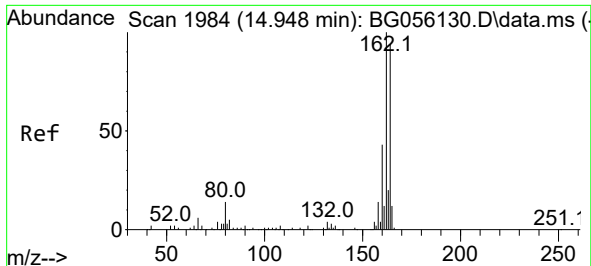
Tgt Ion:136 Resp: 159226
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 2.4 2.2 3.2
68 4.9 3.4 5.0



#23
Nitrobenzene-d5
Concen: 82.274 ng
RT: 9.506 min Scan# 1058
Delta R.T. -0.007 min
Lab File: BG056139.D
Acq: 28 Dec 2022 14:12

Tgt Ion: 82 Resp: 256105
Ion Ratio Lower Upper
82 100
128 42.5 33.4 50.2
54 26.0 20.3 30.5

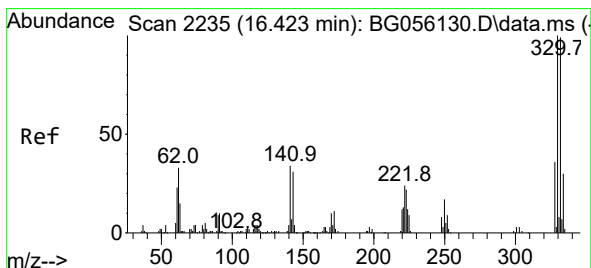
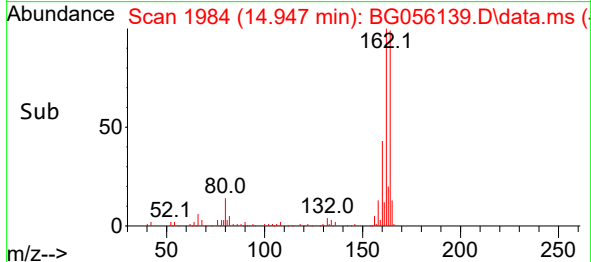
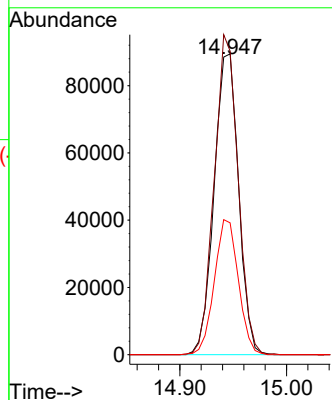
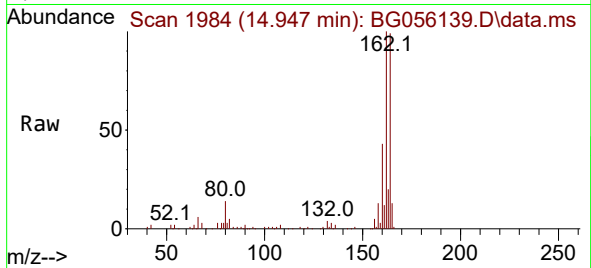




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.947 min Scan# 1984
Delta R.T. -0.001 min
Lab File: BG056139.D
Acq: 28 Dec 2022 14:12

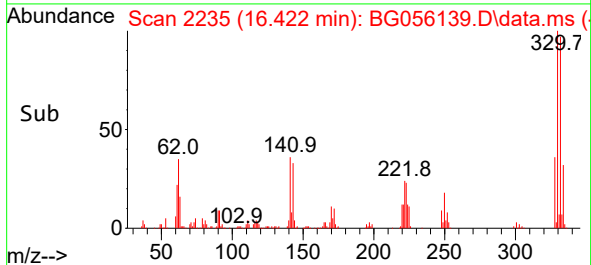
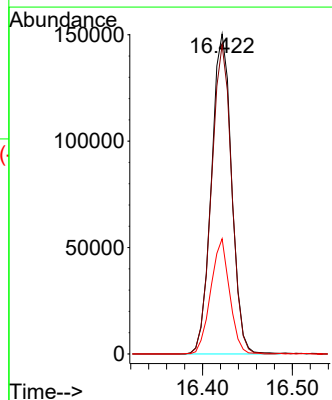
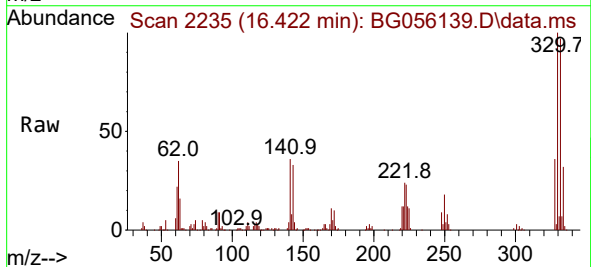
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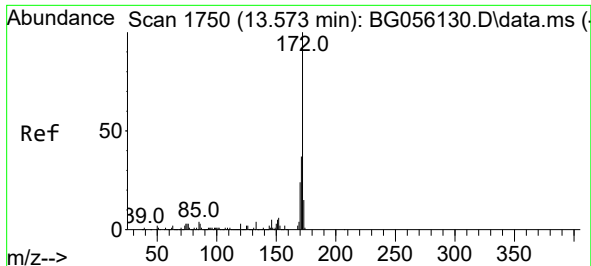
Tgt Ion:164 Resp: 142250
Ion Ratio Lower Upper
164 100
162 100.9 84.7 127.1
160 43.9 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 130.245 ng
RT: 16.422 min Scan# 2235
Delta R.T. -0.001 min
Lab File: BG056139.D
Acq: 28 Dec 2022 14:12

Tgt Ion:330 Resp: 234646
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 33.7 27.9 41.9

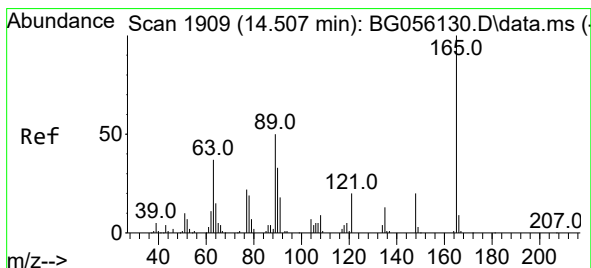
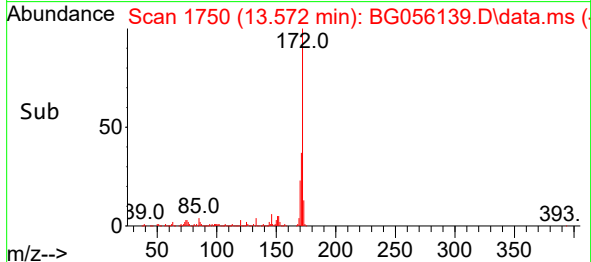
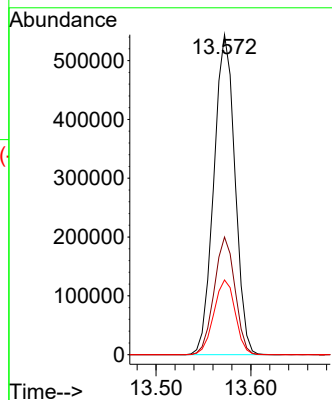
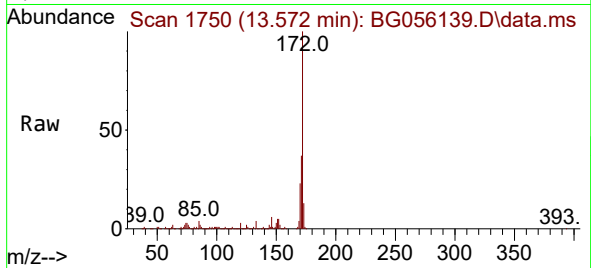




#45
2-Fluorobiphenyl
Concen: 81.683 ng
RT: 13.572 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG056139.D
Acq: 28 Dec 2022 14:12

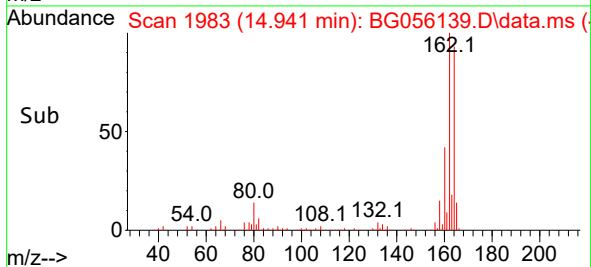
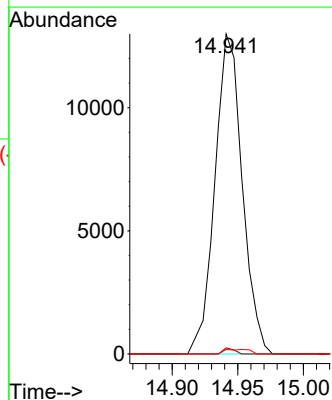
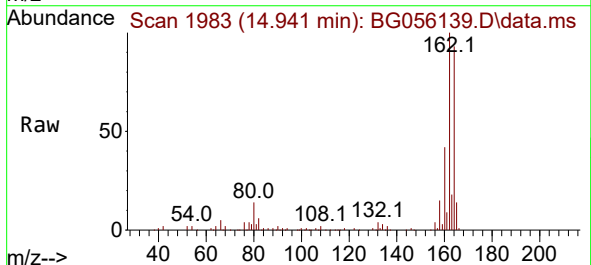
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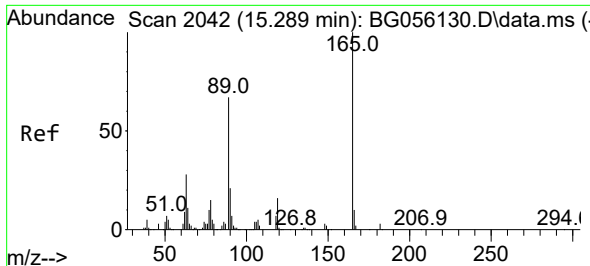
Tgt Ion:172 Resp: 841438
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 23.3 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.680 ng
RT: 14.941 min Scan# 1983
Delta R.T. 0.434 min
Lab File: BG056139.D
Acq: 28 Dec 2022 14:12

Tgt Ion:165 Resp: 18791
Ion Ratio Lower Upper
165 100
63 1.9 32.2 48.2#
89 1.4 39.8 59.8#

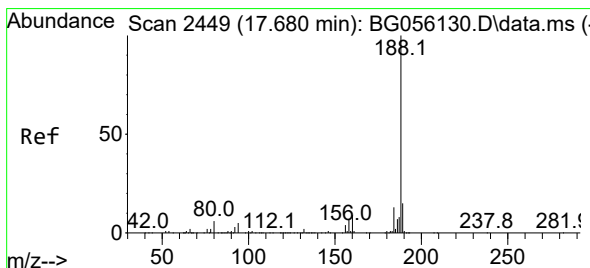
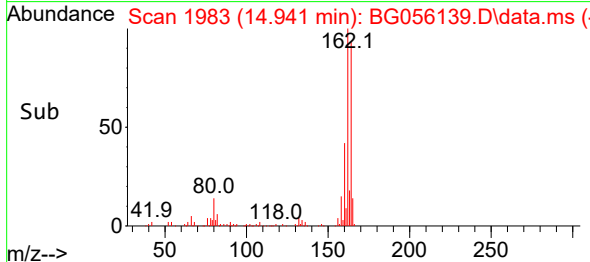
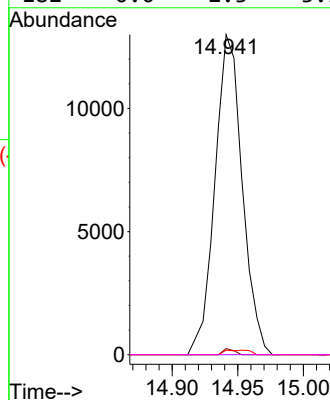
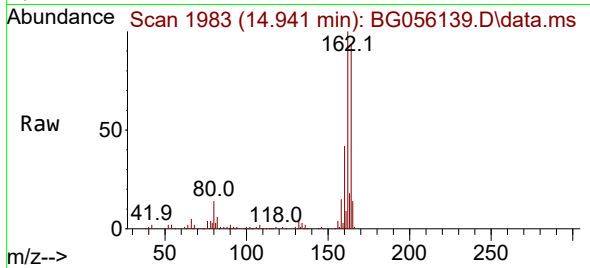




#57
2,4-Dinitrotoluene
Concen: 5.491 ng
RT: 14.941 min Scan# 1983
Delta R.T. -0.348 min
Lab File: BG056139.D
Acq: 28 Dec 2022 14:12

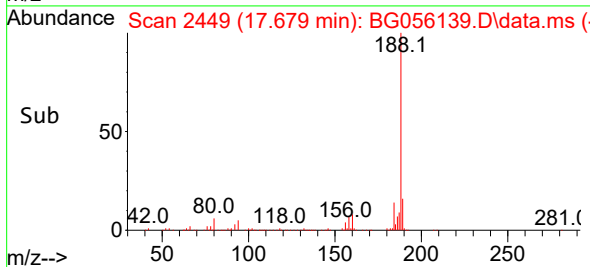
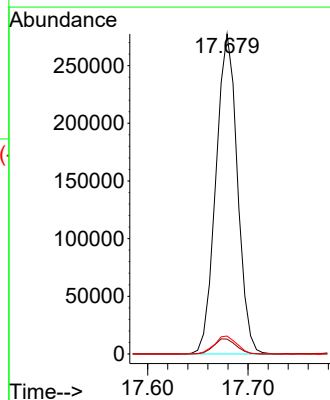
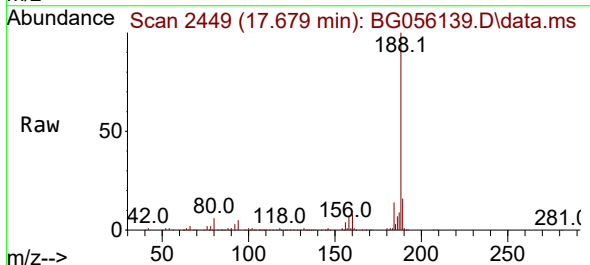
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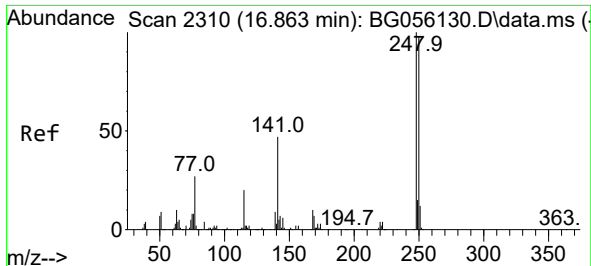
Tgt Ion:165 Resp: 18791
Ion Ratio Lower Upper
165 100
63 1.9 22.6 34.0#
89 1.4 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.679 min Scan# 2449
Delta R.T. -0.001 min
Lab File: BG056139.D
Acq: 28 Dec 2022 14:12

Tgt Ion:188 Resp: 413004
Ion Ratio Lower Upper
188 100
94 4.6 4.2 6.2
80 5.6 5.0 7.4

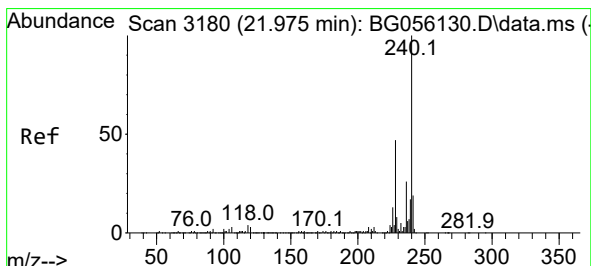
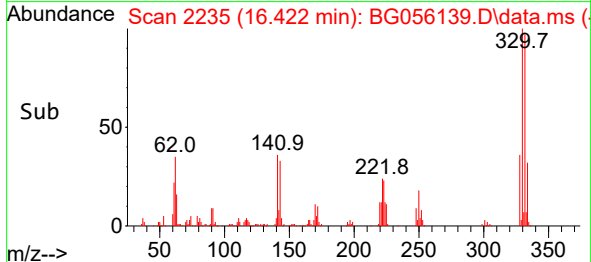
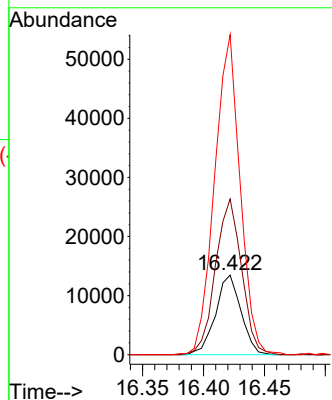
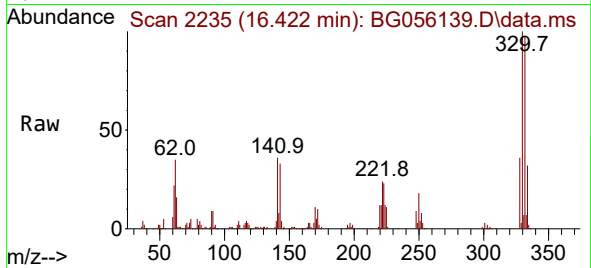




#67
4-Bromophenyl-phenylether
Concen: 3.717 ng
RT: 16.422 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG056139.D
Acq: 28 Dec 2022 14:12

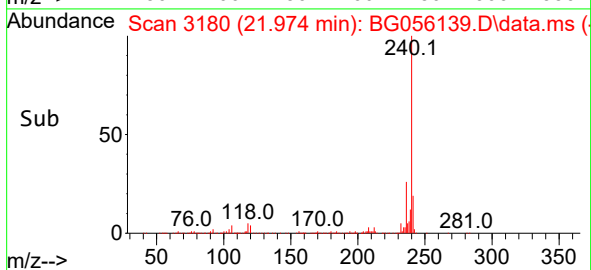
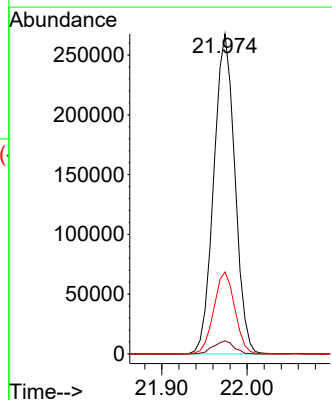
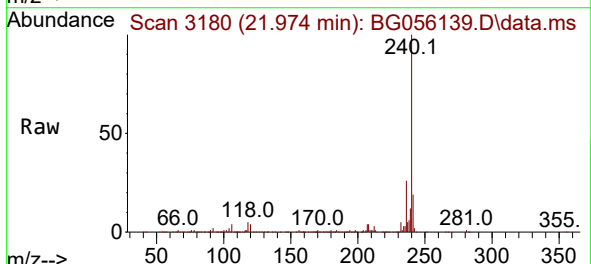
Instrument :
BNA_G
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PB149838TB

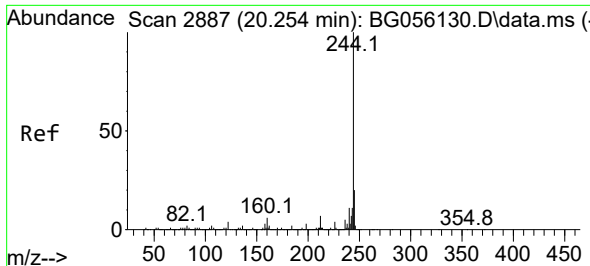
Tgt Ion:248 Resp: 19551
Ion Ratio Lower Upper
248 100
250 195.8 78.2 117.4#
141 402.5 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.974 min Scan# 3180
Delta R.T. -0.001 min
Lab File: BG056139.D
Acq: 28 Dec 2022 14:12

Tgt Ion:240 Resp: 460198
Ion Ratio Lower Upper
240 100
120 4.1 2.6 4.0#
236 25.6 20.8 31.2

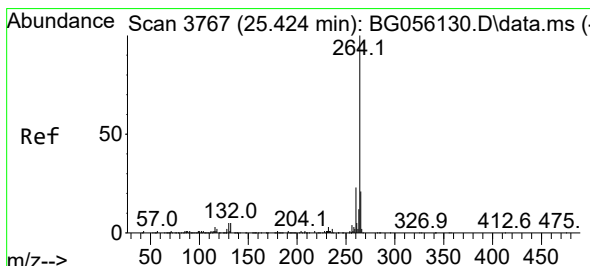
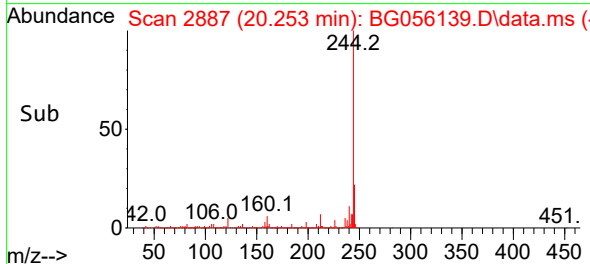
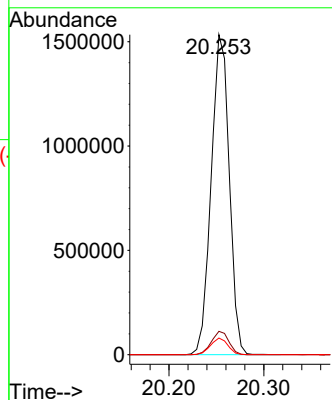
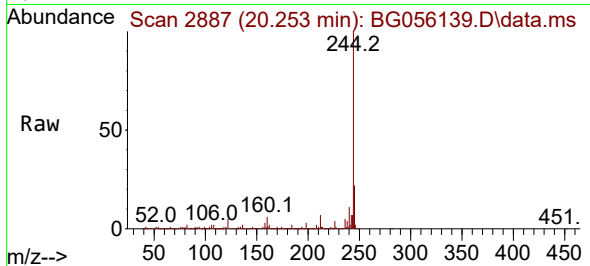




#79
 Terphenyl-d14
 Concen: 78.886 ng
 RT: 20.253 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG056139.D
 Acq: 28 Dec 2022 14:12

Instrument :
 BNA_G
 ClientSampleId :
 PB149838TB

Tgt Ion:244 Resp: 2026909
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 5.2 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.429 min Scan# 3768
 Delta R.T. 0.005 min
 Lab File: BG056139.D
 Acq: 28 Dec 2022 14:12

Tgt Ion:264 Resp: 446295
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 22.1 16.7 25.1

