

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122922\
 Data File : BG056151.D
 Acq On : 29 Dec 2022 12:40
 Operator : CG/JU
 Sample : PB149922TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149922TB

Quant Time: Dec 30 04:04:59 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

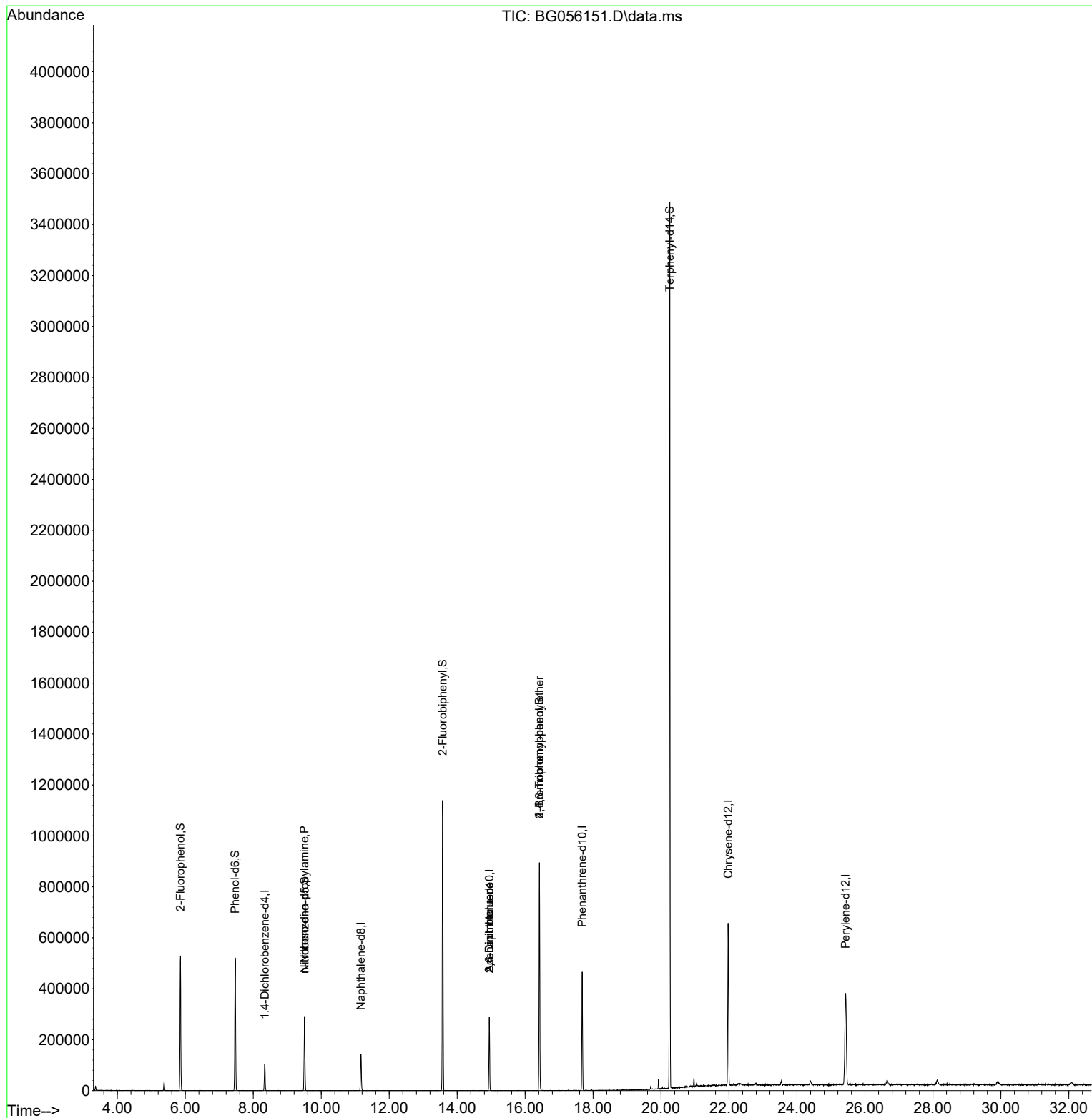
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	36878	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	132009	20.000	ng	# 0.00
39) Acenaphthene-d10	14.945	164	110988	20.000	ng	0.00
64) Phenanthrene-d10	17.677	188	324180	20.000	ng	0.00
76) Chrysene-d12	21.972	240	448121	20.000	ng	# 0.00
86) Perylene-d12	25.427	264	442776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.856	112	294252	142.466	ng	0.00
7) Phenol-d6	7.466	99	408075	128.653	ng	0.00
23) Nitrobenzene-d5	9.510	82	212122	82.194	ng	0.00
42) 2,4,6-Tribromophenol	16.420	330	182517	129.846	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	665595	82.812	ng	0.00
79) Terphenyl-d14	20.256	244	1936061	77.381	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.504	70	25310	13.122	ng	# 77
51) 2,6-Dinitrotoluene	14.945	165	14901	7.805	ng	# 31
57) 2,4-Dinitrotoluene	14.945	165	14901	5.581	ng	# 28
67) 4-Bromophenyl-phenylether	16.420	248	16397	3.972	ng	# 1

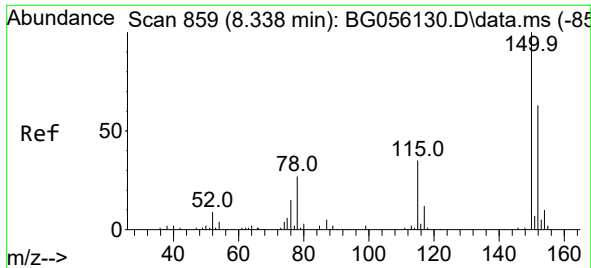
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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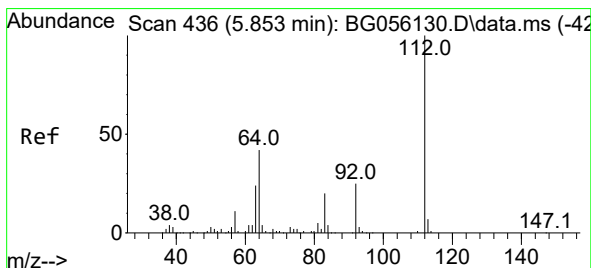
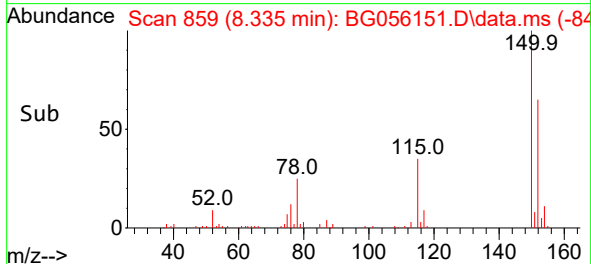
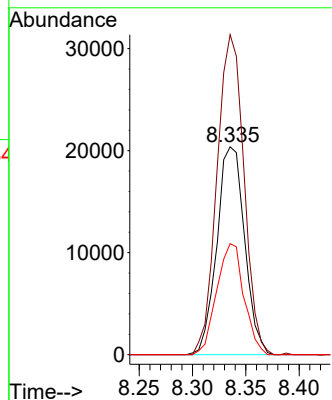
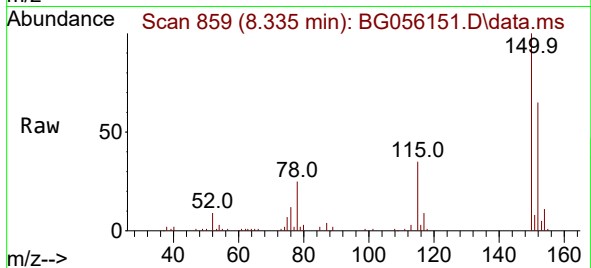




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

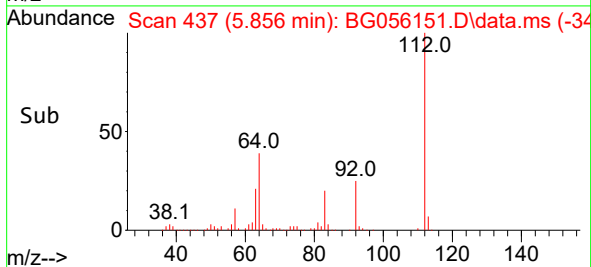
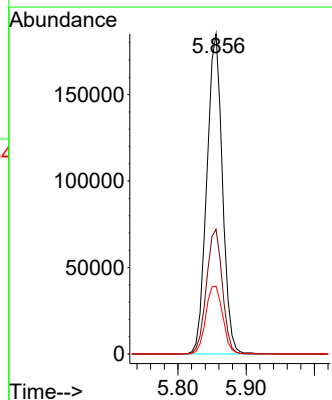
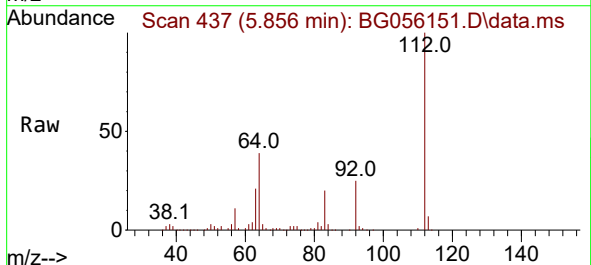
Instrument :
BNA_G
ClientSampleId :
PB149922TB

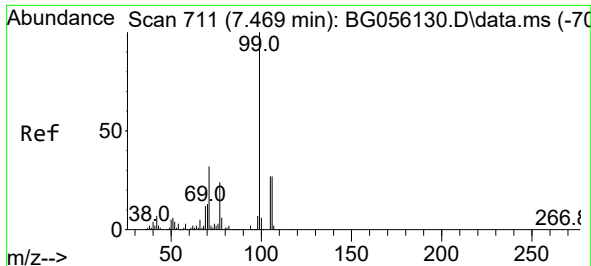
Tgt Ion:152 Resp: 36878
Ion Ratio Lower Upper
152 100
150 154.0 127.9 191.9
115 53.4 44.2 66.2



#5
2-Fluorophenol
Concen: 142.466 ng
RT: 5.856 min Scan# 437
Delta R.T. 0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

Tgt Ion:112 Resp: 294252
Ion Ratio Lower Upper
112 100
64 39.0 33.3 49.9
63 21.2 19.0 28.4

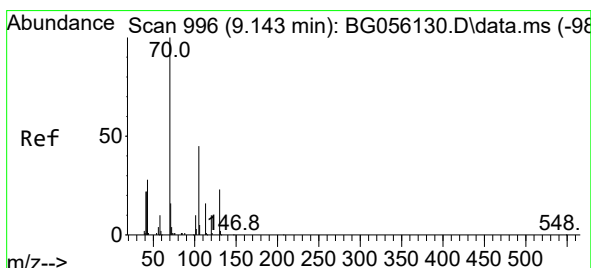
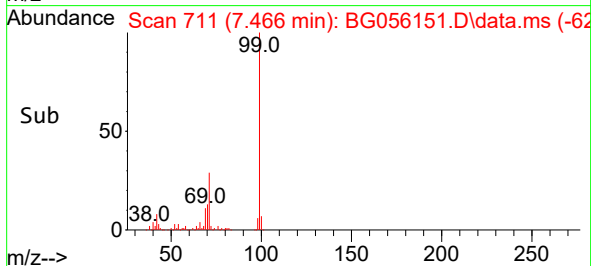
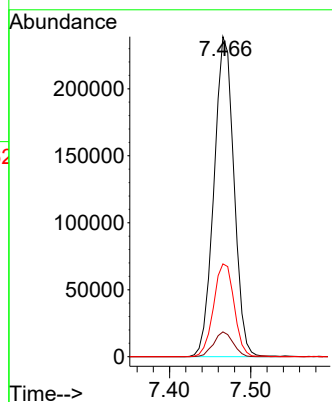
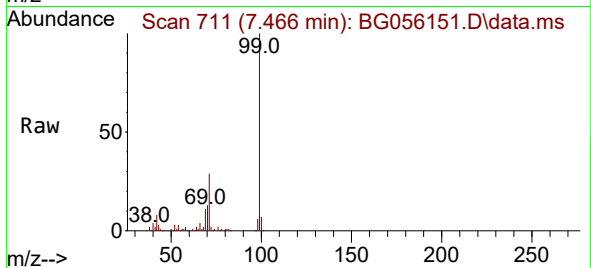




#7
Phenol-d6
Concen: 128.653 ng
RT: 7.466 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

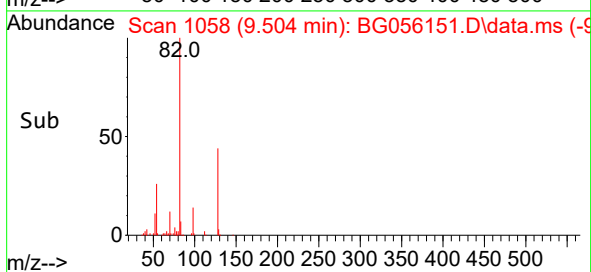
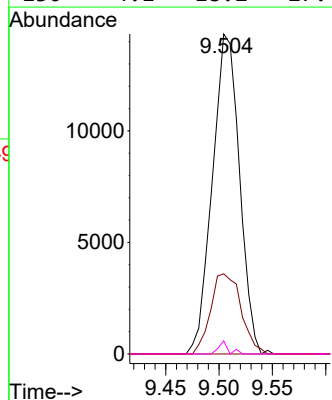
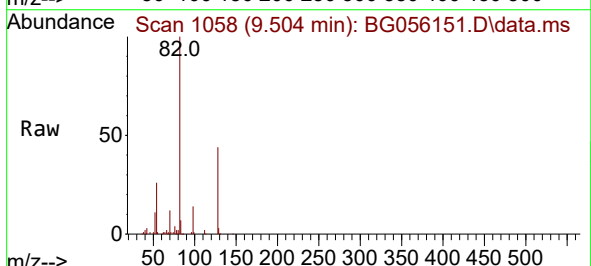
Instrument :
BNA_G
ClientSampleId :
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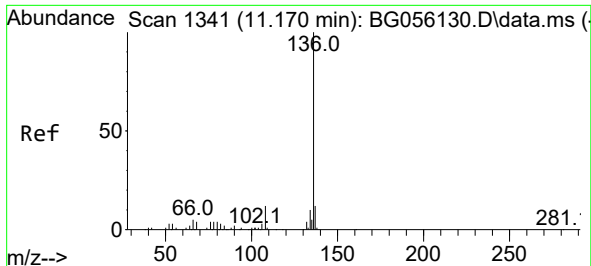
Tgt Ion: 99 Resp: 408075
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 29.0 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.122 ng
RT: 9.504 min Scan# 1058
Delta R.T. 0.361 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

Tgt Ion: 70 Resp: 25310
Ion Ratio Lower Upper
70 100
42 25.1 18.2 27.2
101 0.0 8.3 12.5#
130 4.1 18.2 27.4#

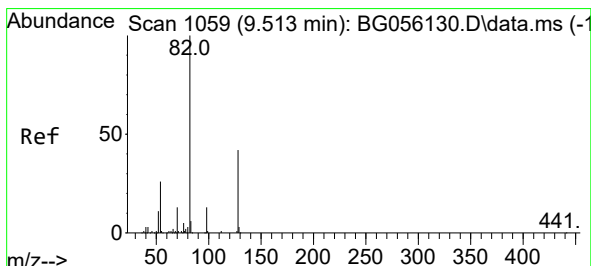
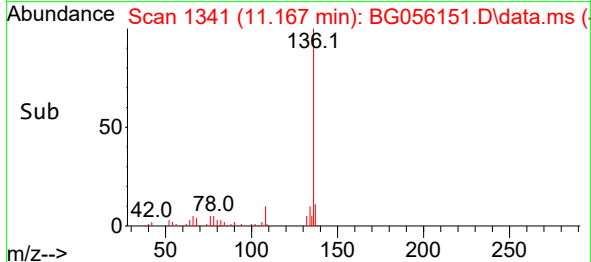
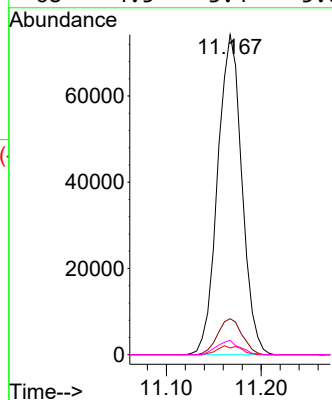
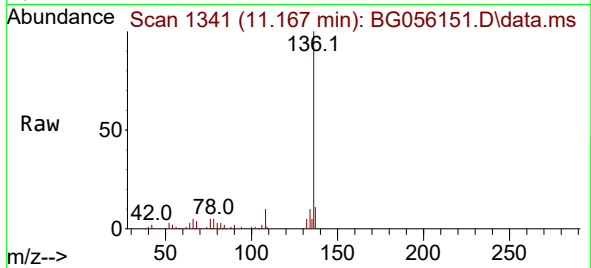




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

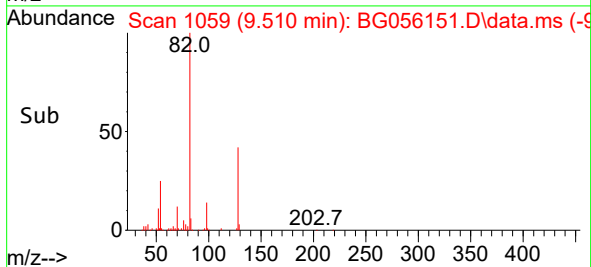
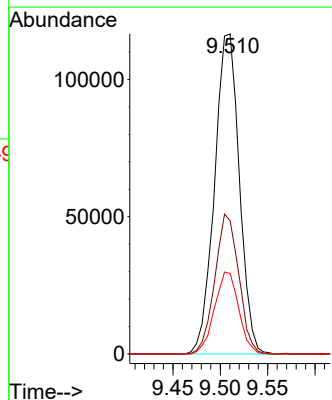
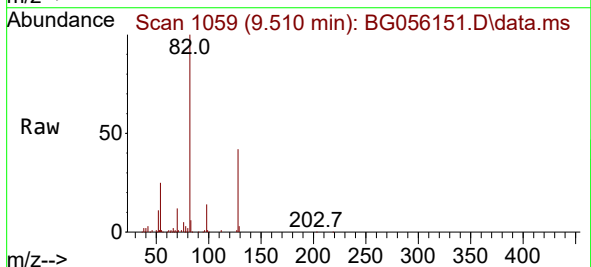
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ClientSampleId :
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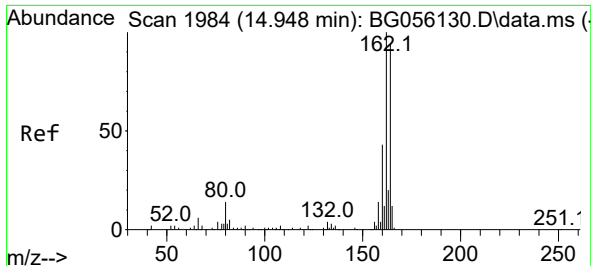
Tgt Ion:136 Resp: 132009
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 2.1 2.2 3.2#
68 4.5 3.4 5.0



#23
Nitrobenzene-d5
Concen: 82.194 ng
RT: 9.510 min Scan# 1059
Delta R.T. -0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

Tgt Ion: 82 Resp: 212122
Ion Ratio Lower Upper
82 100
128 41.7 33.4 50.2
54 25.2 20.3 30.5

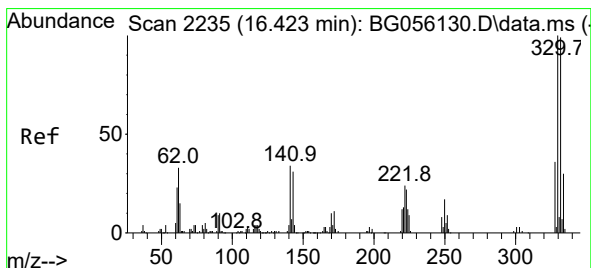
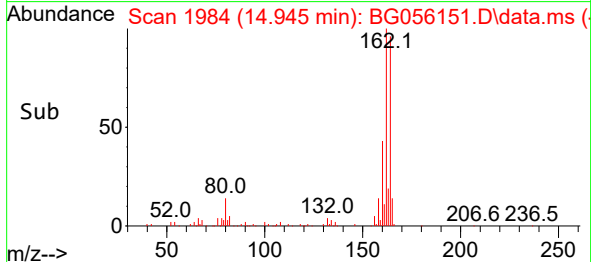
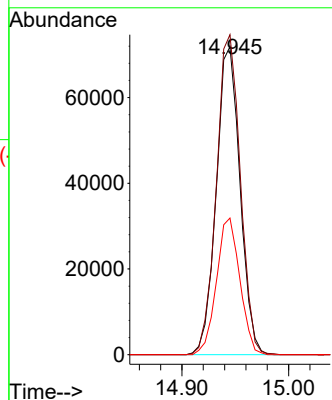
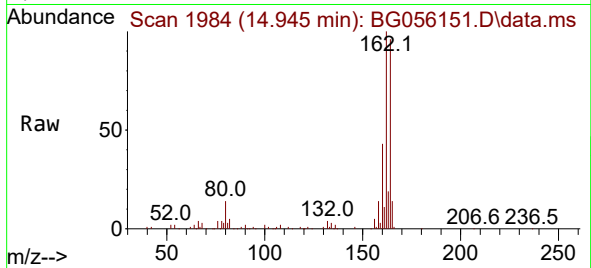




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

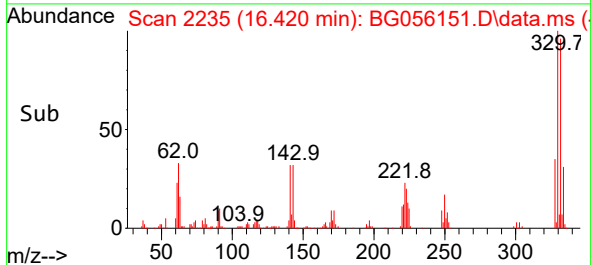
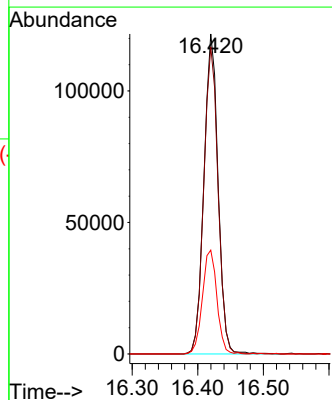
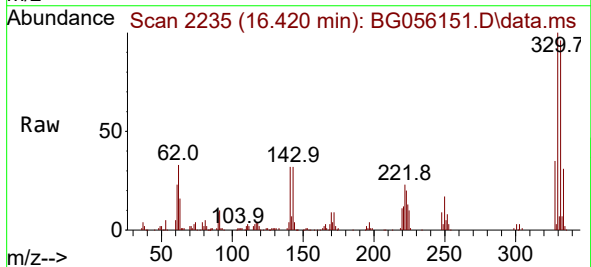
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ClientSampleId :
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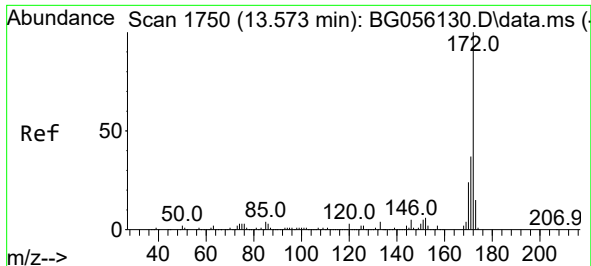
Tgt Ion:164 Resp: 110988
Ion Ratio Lower Upper
164 100
162 103.9 84.7 127.1
160 44.4 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 129.846 ng
RT: 16.420 min Scan# 2235
Delta R.T. -0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

Tgt Ion:330 Resp: 182517
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 33.3 27.9 41.9

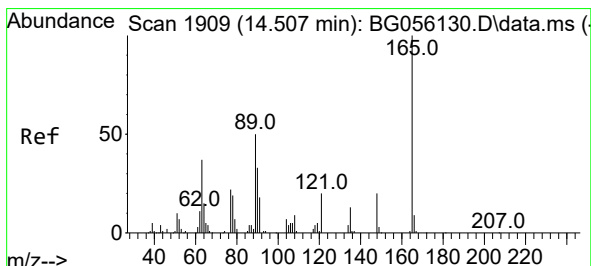
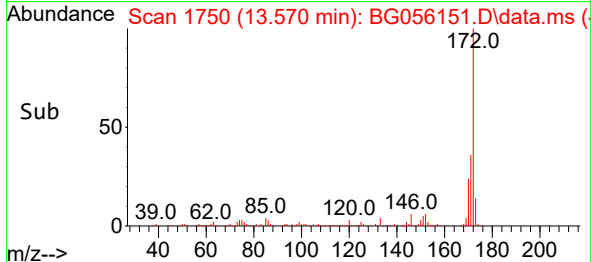
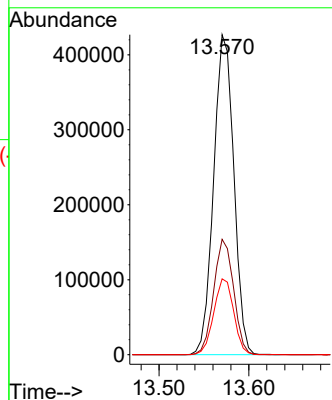
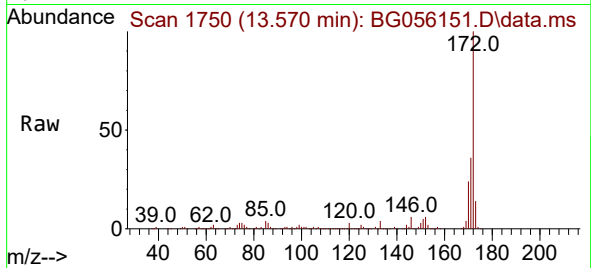




#45
2-Fluorobiphenyl
Concen: 82.812 ng
RT: 13.570 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

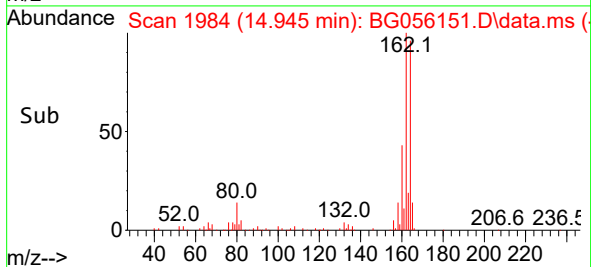
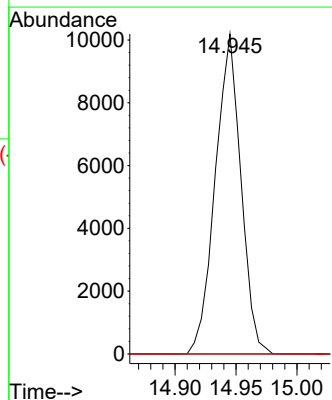
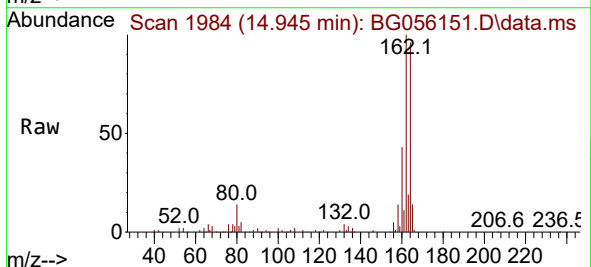
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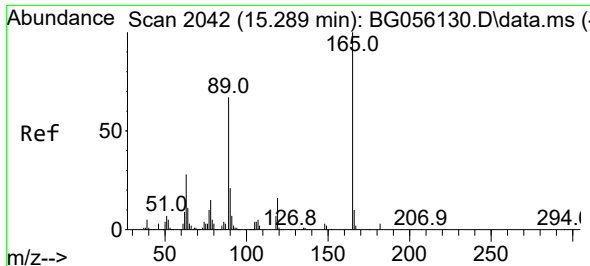
Tgt Ion:172 Resp: 665595
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.7 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.805 ng
RT: 14.945 min Scan# 1984
Delta R.T. 0.438 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

Tgt Ion:165 Resp: 14901
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#

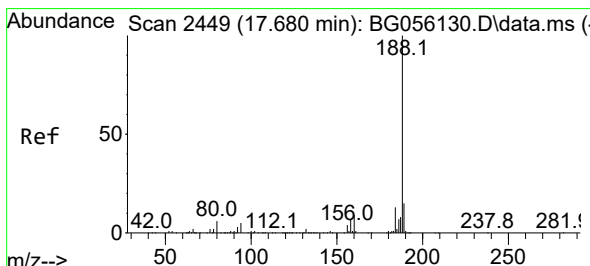
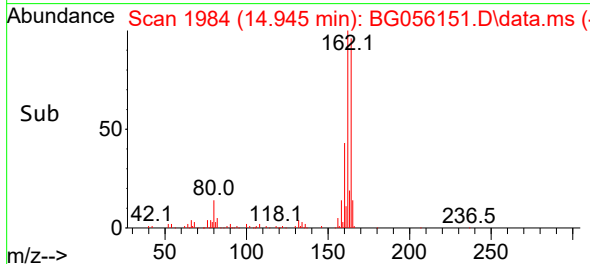
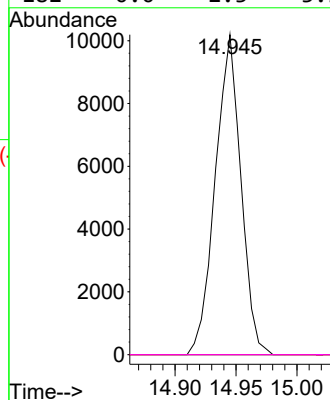
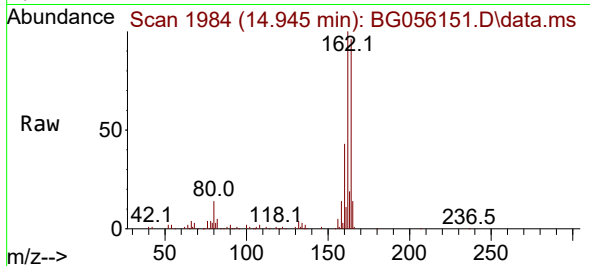




#57
2,4-Dinitrotoluene
Concen: 5.581 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.344 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

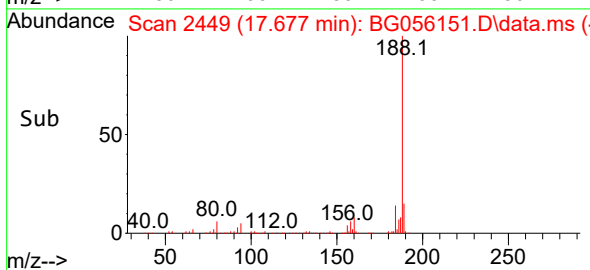
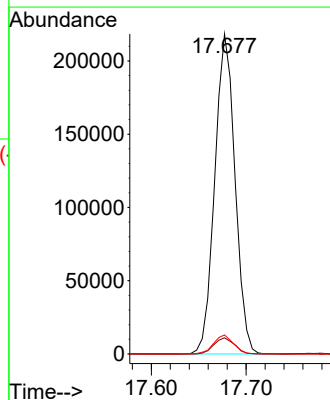
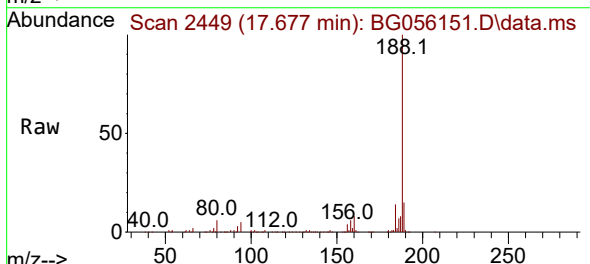
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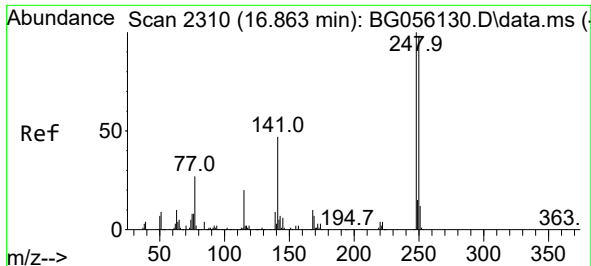
Tgt Ion:165 Resp: 14901
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.677 min Scan# 2449
Delta R.T. -0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

Tgt Ion:188 Resp: 324180
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.2
80 5.9 5.0 7.4

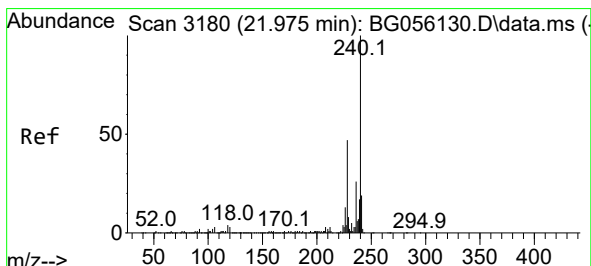
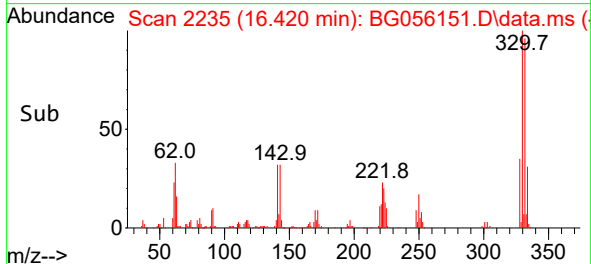
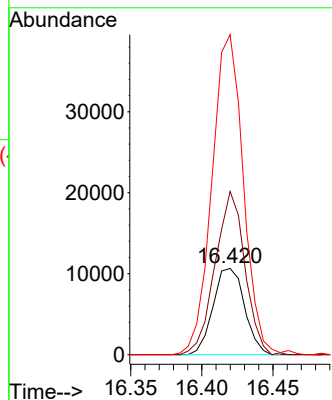
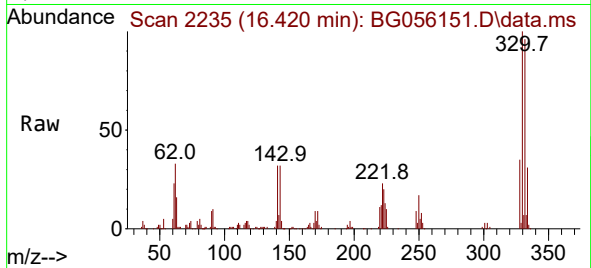




#67
4-Bromophenyl-phenylether
Concen: 3.972 ng
RT: 16.420 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

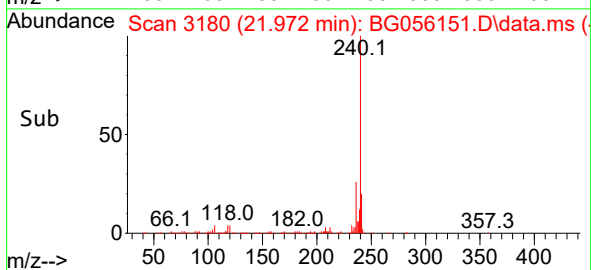
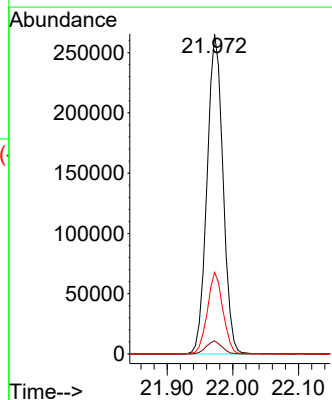
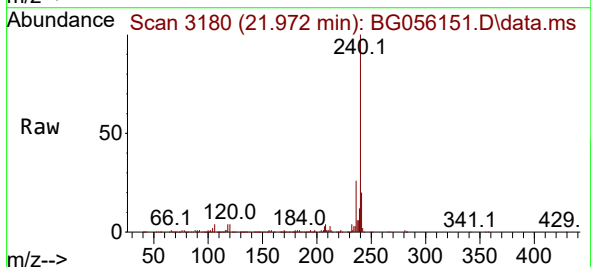
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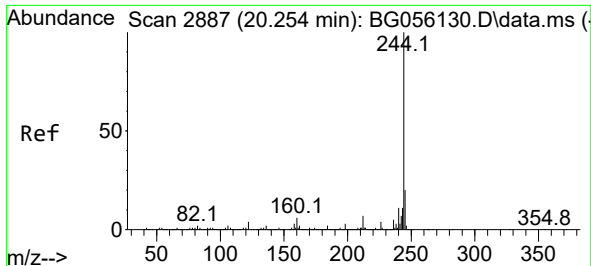
Tgt Ion:248 Resp: 16397
Ion Ratio Lower Upper
248 100
250 189.1 78.2 117.4#
141 370.9 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.972 min Scan# 3180
Delta R.T. -0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

Tgt Ion:240 Resp: 448121
Ion Ratio Lower Upper
240 100
120 4.1 2.6 4.0#
236 25.5 20.8 31.2

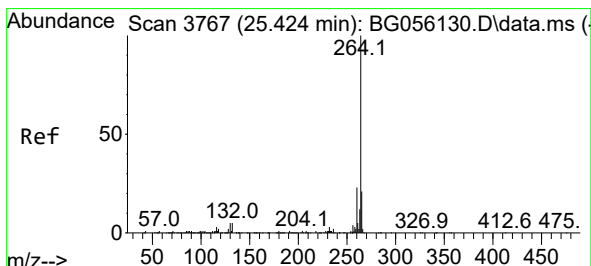
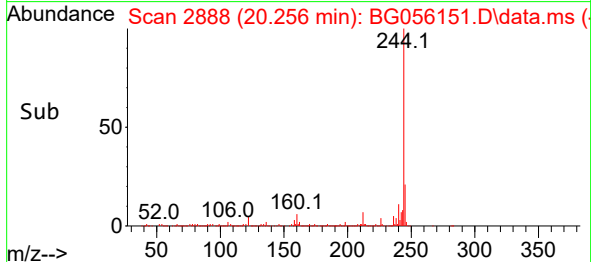
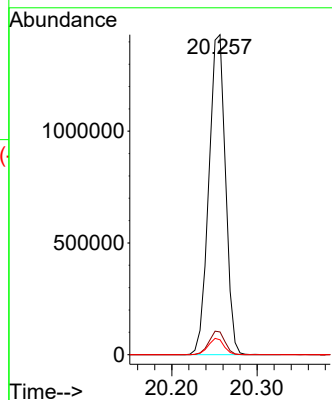
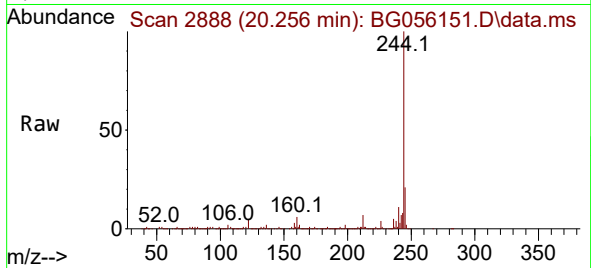




#79
 Terphenyl-d14
 Concen: 77.381 ng
 RT: 20.256 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG056151.D
 Acq: 29 Dec 2022 12:40

Instrument :
 BNA_G
 ClientSampleId :
 PB149922TB

Tgt Ion:244 Resp: 1936061
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 4.7 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.427 min Scan# 3768
 Delta R.T. 0.003 min
 Lab File: BG056151.D
 Acq: 29 Dec 2022 12:40

Tgt Ion:264 Resp: 442776
 Ion Ratio Lower Upper
 264 100
 260 25.6 18.6 28.0
 265 21.4 16.7 25.1

