

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054142.D
 Acq On : 29 Jun 2022 12:59
 Operator : CG/JU
 Sample : N3505-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-20220624

Quant Time: Jun 29 14:29:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

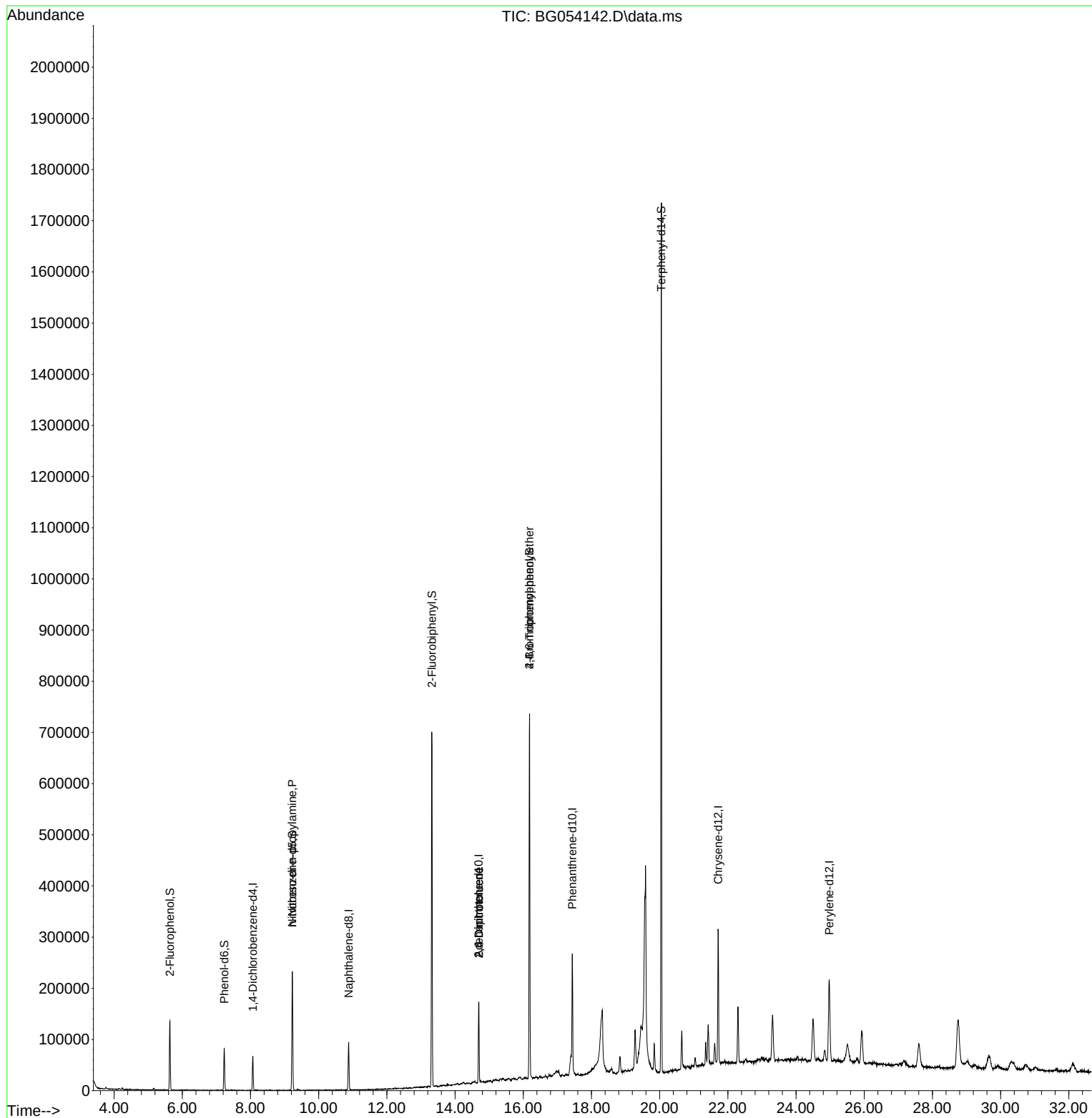
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	21064	20.000	ng	0.00
21) Naphthalene-d8	10.879	136	81688	20.000	ng	0.00
39) Acenaphthene-d10	14.692	164	61959	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	161743	20.000	ng	# 0.00
76) Chrysene-d12	21.713	240	181480	20.000	ng	0.00
86) Perylene-d12	24.974	264	188740	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	64989	58.988	ng	0.00
7) Phenol-d6	7.230	99	50430	33.742	ng	0.00
23) Nitrobenzene-d5	9.228	82	146490	100.776	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	173332	174.119	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	400242	93.934	ng	0.00
79) Terphenyl-d14	20.051	244	946130	105.002	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.228	70	19770	19.689	ng	# 82
51) 2,6-Dinitrotoluene	14.698	165	8262	8.666	ng	# 16
57) 2,4-Dinitrotoluene	14.698	165	8262	6.136	ng	# 21
67) 4-Bromophenyl-phenylether	16.185	248	11007	5.449	ng	# 1

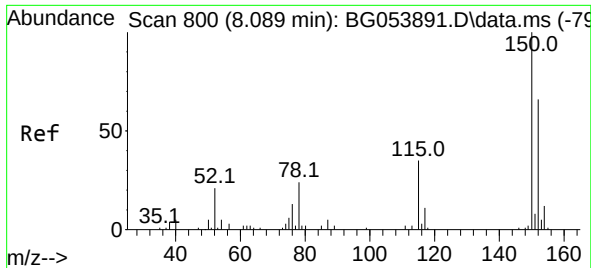
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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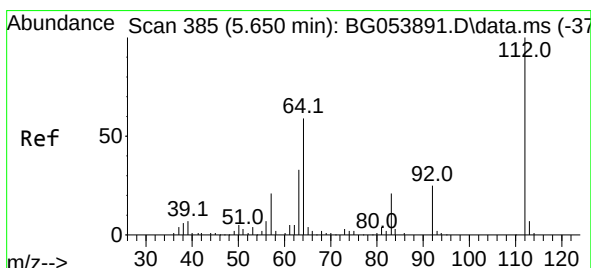
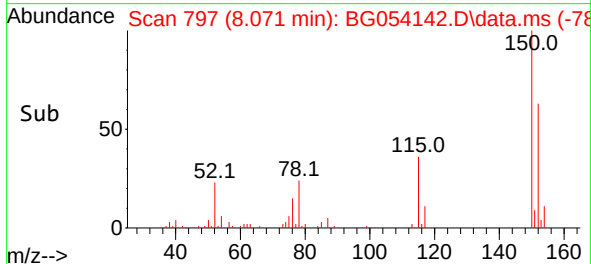
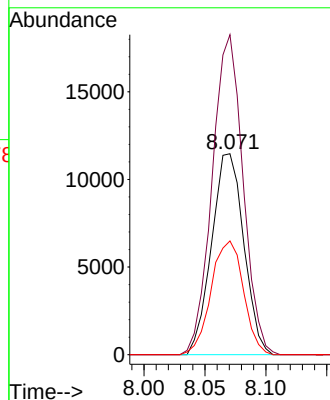
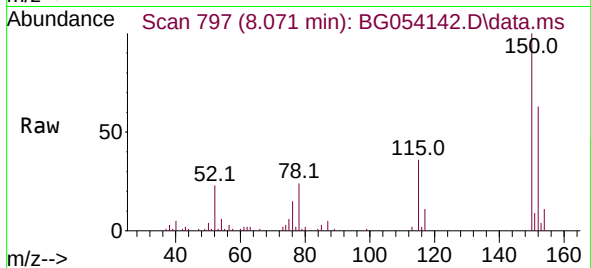




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.071 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG054142.D
Acq: 29 Jun 2022 12:59

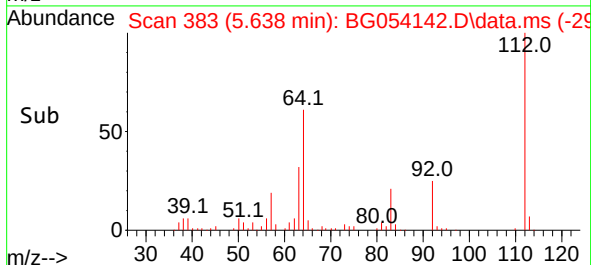
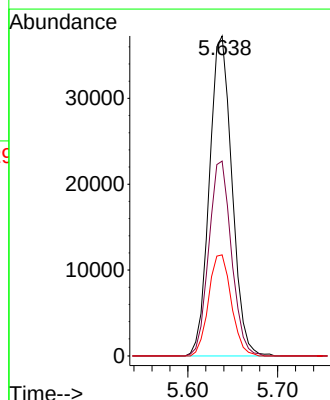
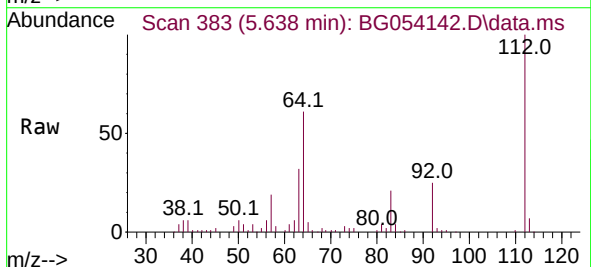
Instrument :
BNA_G
ClientSampleId :
MW-1-20220624

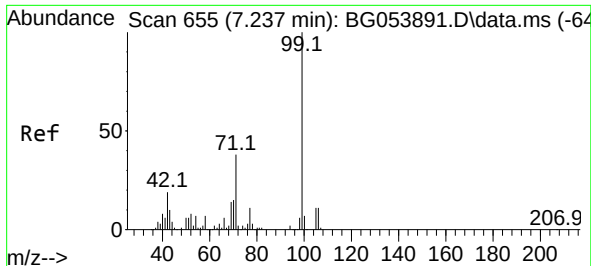
Tgt Ion:152 Resp: 21064
Ion Ratio Lower Upper
152 100
150 159.2 131.6 197.4
115 56.6 50.9 76.3



#5
2-Fluorophenol
Concen: 58.988 ng
RT: 5.638 min Scan# 383
Delta R.T. 0.000 min
Lab File: BG054142.D
Acq: 29 Jun 2022 12:59

Tgt Ion:112 Resp: 64989
Ion Ratio Lower Upper
112 100
64 60.9 55.1 82.7
63 31.6 30.4 45.6

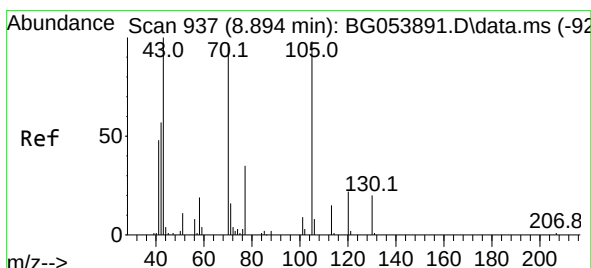
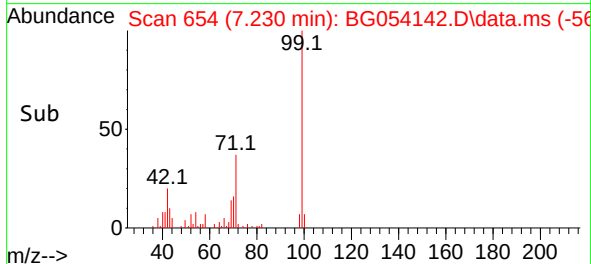
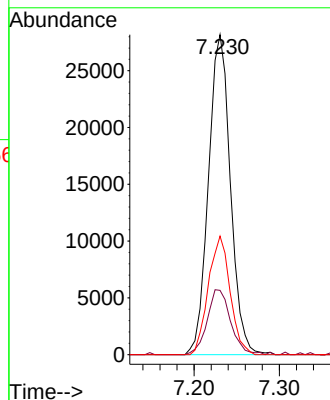
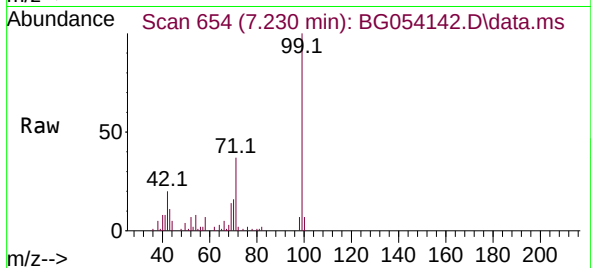




#7
Phenol-d6
Concen: 33.742 ng
RT: 7.230 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG054142.D
Acq: 29 Jun 2022 12:59

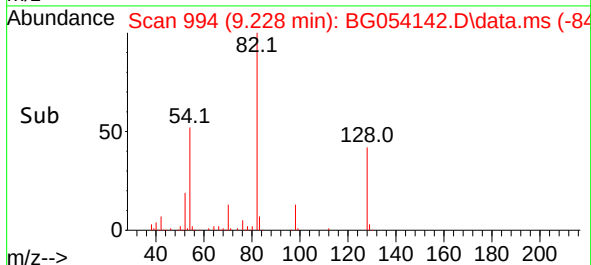
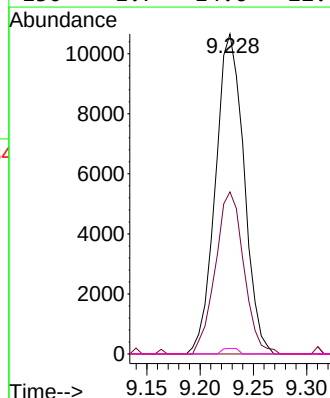
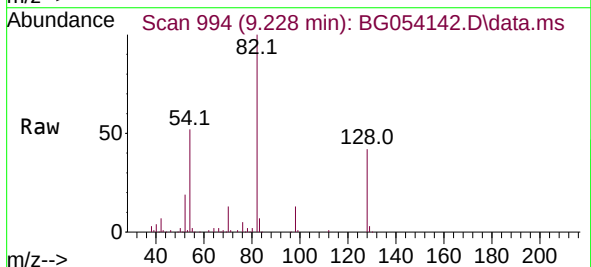
Instrument :
BNA_G
ClientSampleId :
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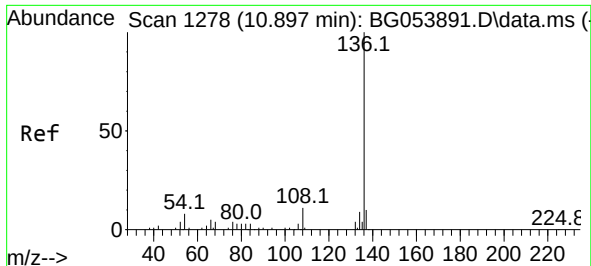
Tgt Ion: 99 Resp: 50430
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 37.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.689 ng
RT: 9.228 min Scan# 994
Delta R.T. 0.353 min
Lab File: BG054142.D
Acq: 29 Jun 2022 12:59

Tgt Ion: 70 Resp: 19770
Ion Ratio Lower Upper
70 100
42 50.7 47.3 70.9
101 0.0 7.0 10.4#
130 1.7 14.6 22.0#

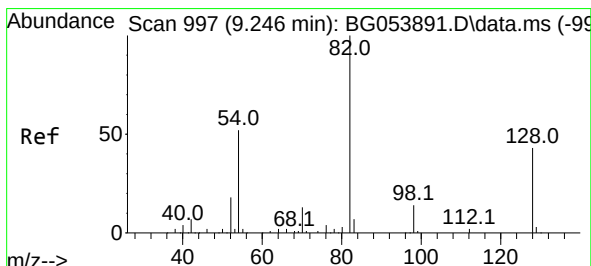
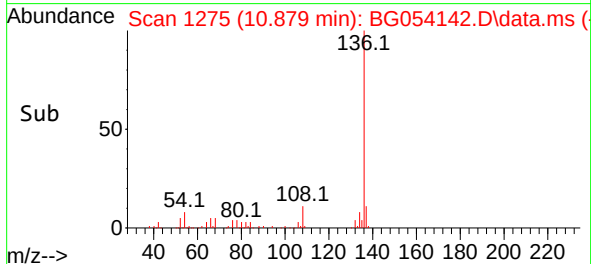
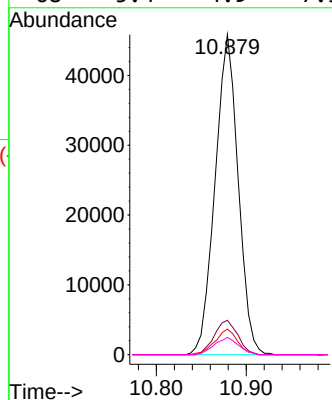
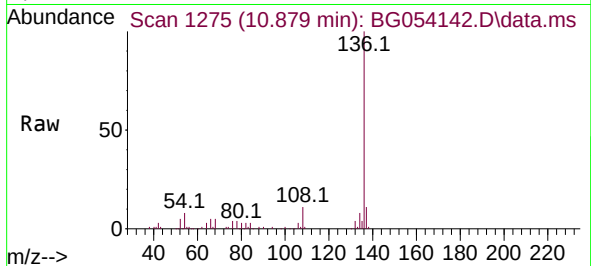




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.879 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG054142.D
Acq: 29 Jun 2022 12:59

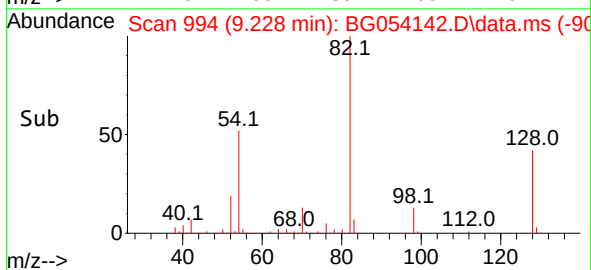
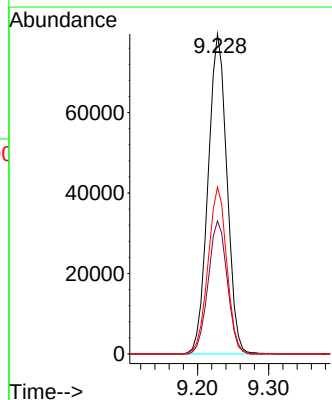
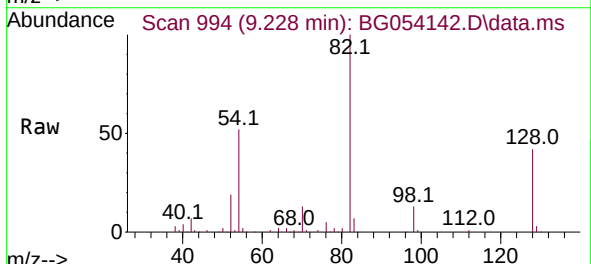
Instrument :
BNA_G
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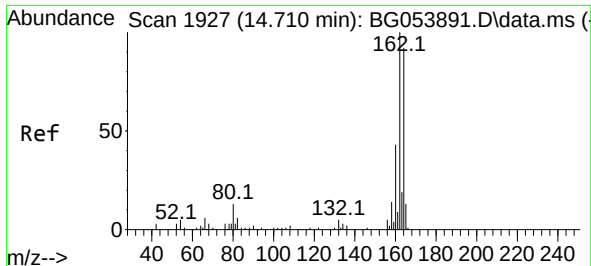
Tgt Ion:	136	Resp:	81688
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	8.0	7.4	11.2
68	5.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 100.776 ng
RT: 9.228 min Scan# 994
Delta R.T. -0.006 min
Lab File: BG054142.D
Acq: 29 Jun 2022 12:59

Tgt Ion:	82	Resp:	146490
Ion	Ratio	Lower	Upper
82	100		
128	41.6	27.9	41.9
54	52.2	41.2	61.8

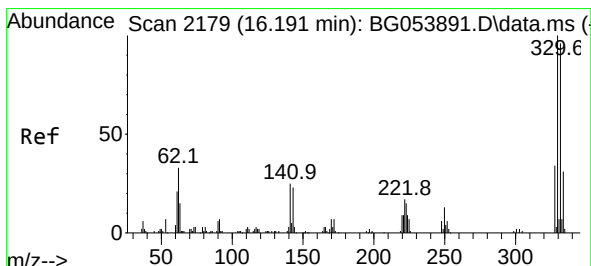
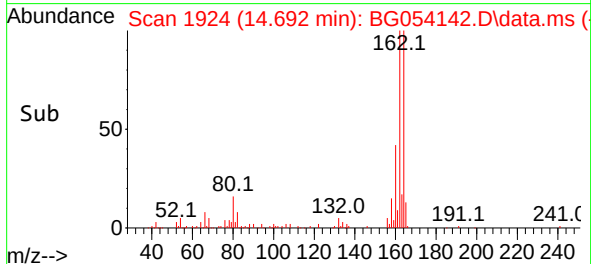
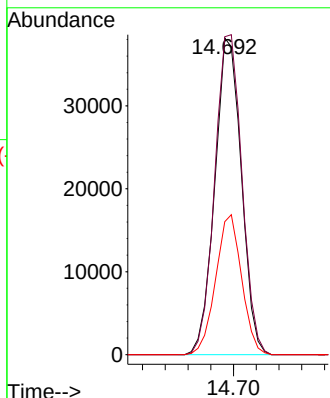
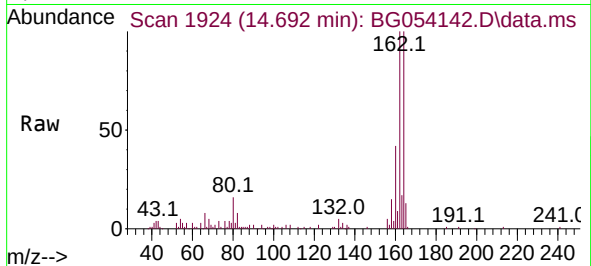




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BG054142.D
Acq: 29 Jun 2022 12:59

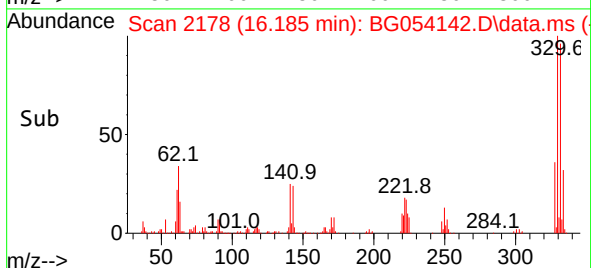
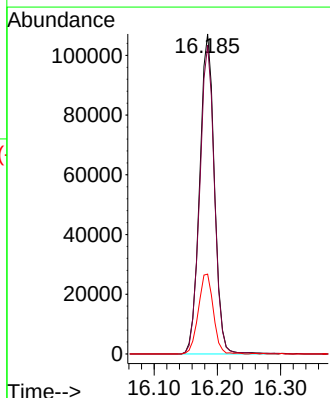
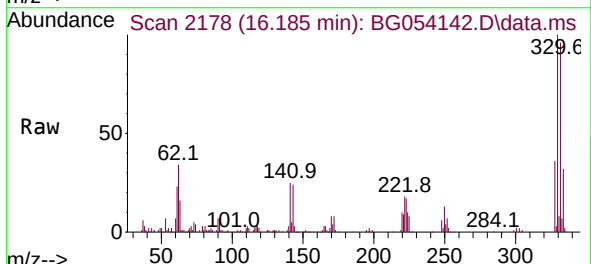
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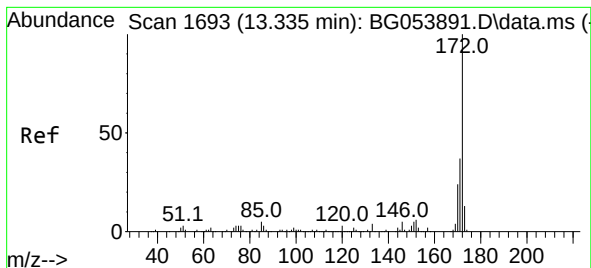
Tgt Ion:164 Resp: 61959
Ion Ratio Lower Upper
164 100
162 100.4 82.3 123.5
160 42.0 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 174.119 ng
RT: 16.185 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BG054142.D
Acq: 29 Jun 2022 12:59

Tgt Ion:330 Resp: 173332
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 25.4 27.1 40.7#

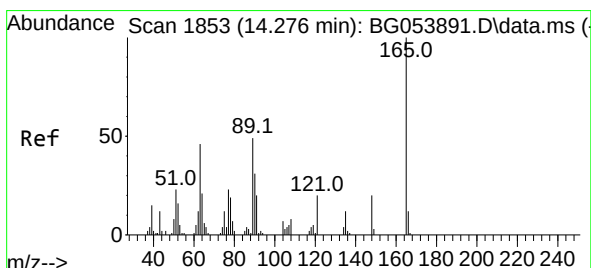
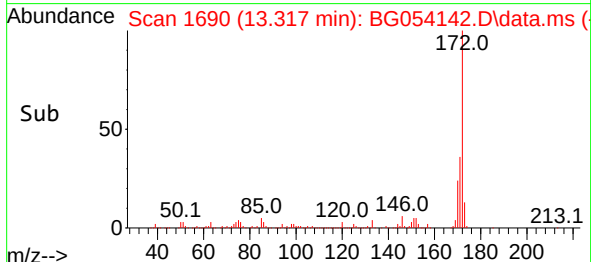
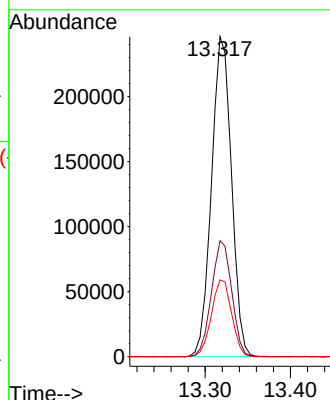
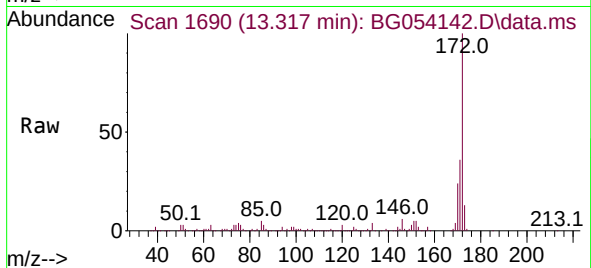




#45
2-Fluorobiphenyl
Concen: 93.934 ng
RT: 13.317 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054142.D
Acq: 29 Jun 2022 12:59

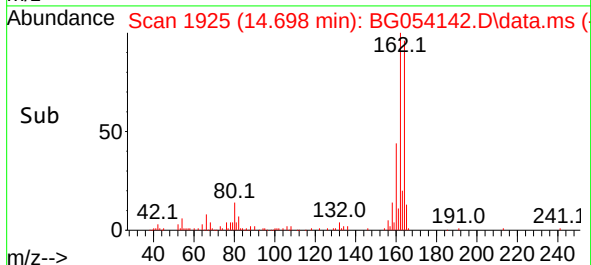
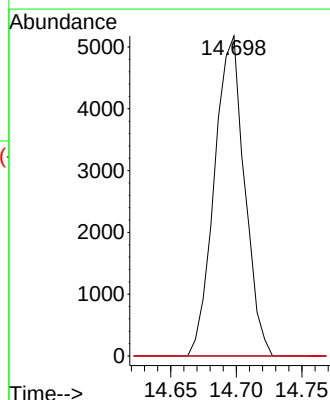
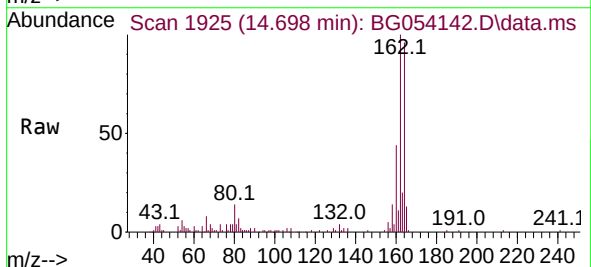
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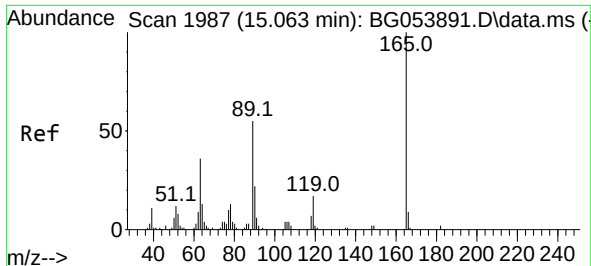
Tgt Ion:172 Resp: 400242
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.666 ng
RT: 14.698 min Scan# 1925
Delta R.T. 0.435 min
Lab File: BG054142.D
Acq: 29 Jun 2022 12:59

Tgt Ion:165 Resp: 8262
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

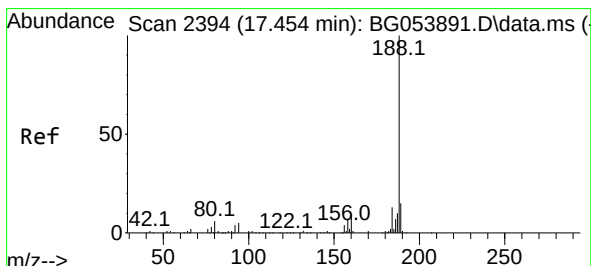
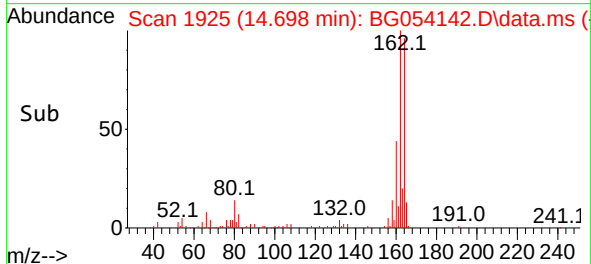
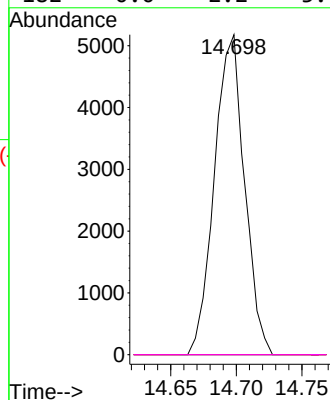
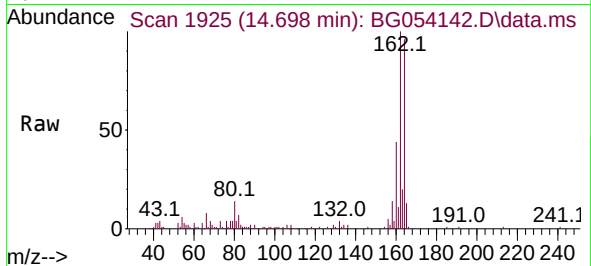




#57
2,4-Dinitrotoluene
Concen: 6.136 ng
RT: 14.698 min Scan# 1987
Delta R.T. -0.352 min
Lab File: BG054142.D
Acq: 29 Jun 2022 12:59

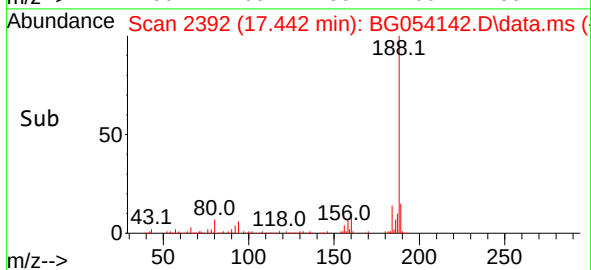
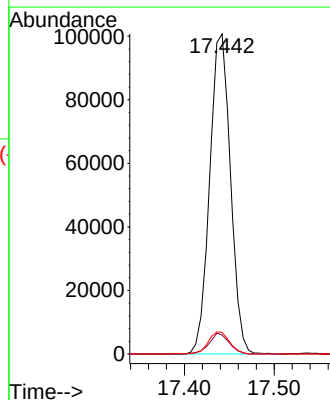
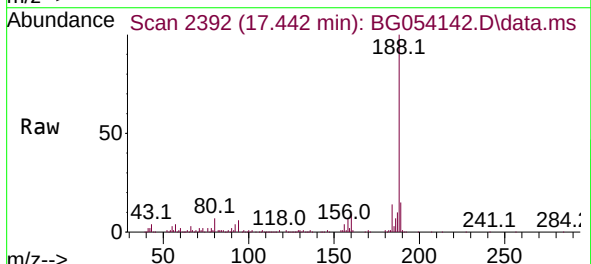
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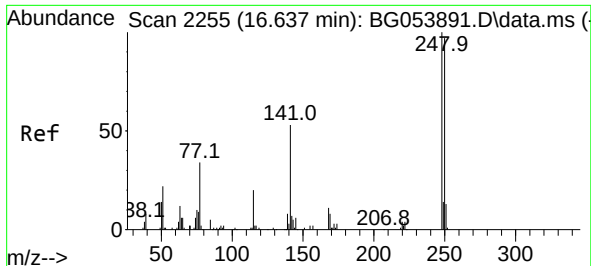
Tgt Ion:165 Resp: 8262
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.442 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BG054142.D
Acq: 29 Jun 2022 12:59

Tgt Ion:188 Resp: 161743
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.0
80 6.7 6.8 10.2#

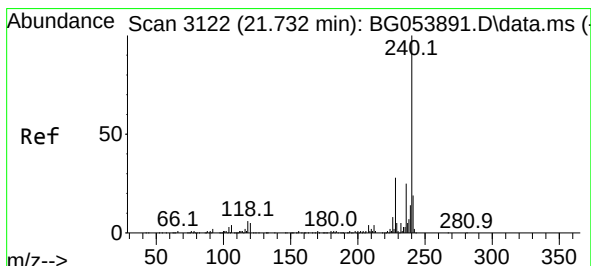
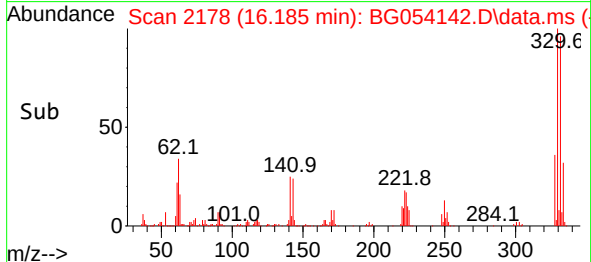
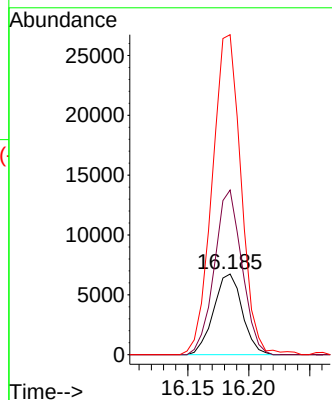
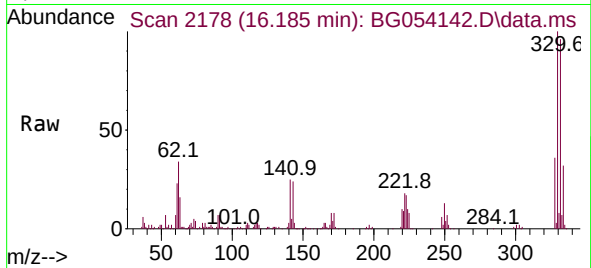




#67
4-Bromophenyl-phenylether
Concen: 5.449 ng
RT: 16.185 min Scan# 2119
Delta R.T. -0.440 min
Lab File: BG054142.D
Acq: 29 Jun 2022 12:59

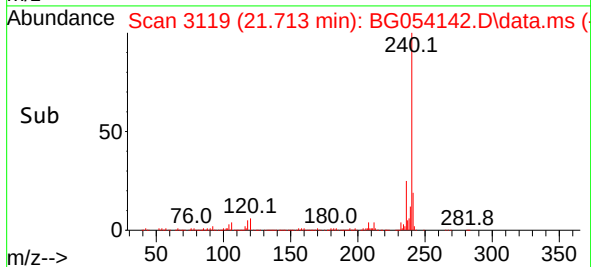
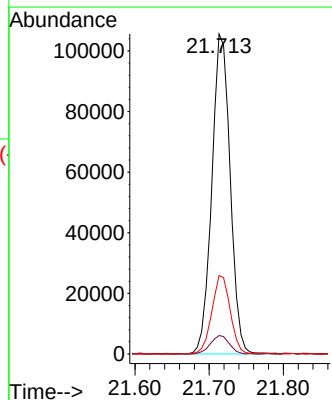
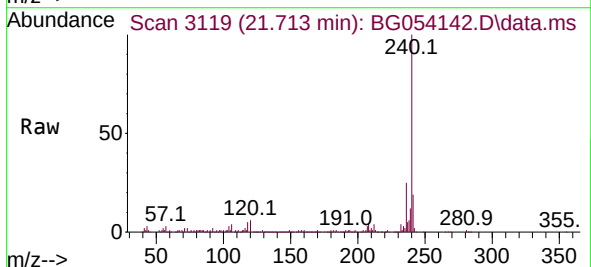
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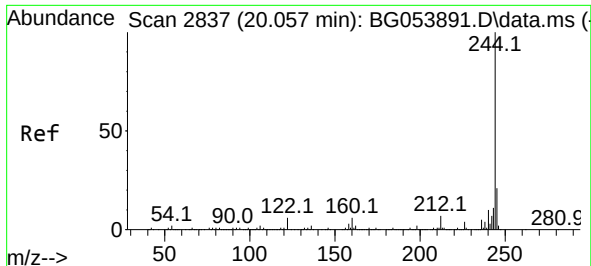
Tgt Ion:248 Resp: 11007
Ion Ratio Lower Upper
248 100
250 260.7 75.2 112.8#
141 396.5 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BG054142.D
Acq: 29 Jun 2022 12:59

Tgt Ion:240 Resp: 181480
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 24.5 20.2 30.4

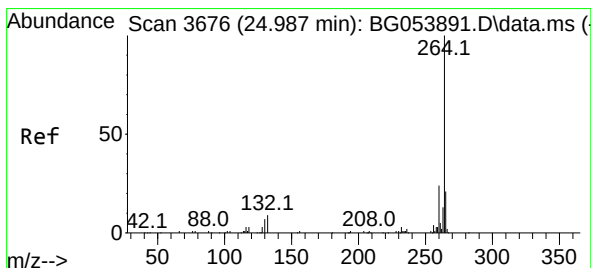
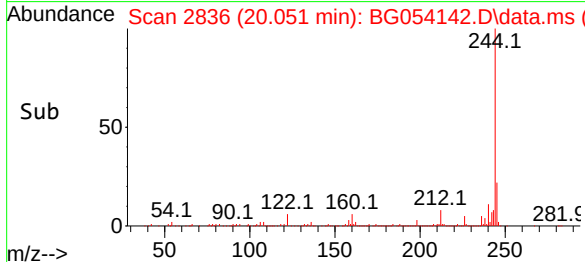
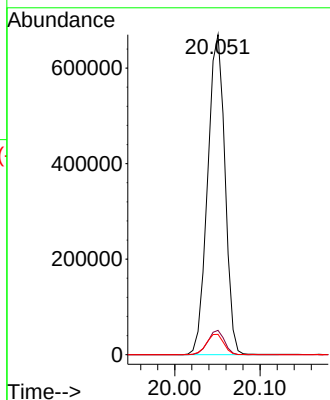
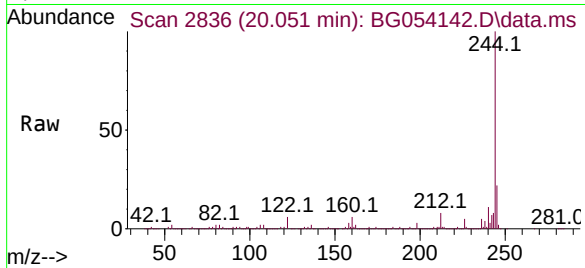




#79
 Terphenyl-d14
 Concen: 105.002 ng
 RT: 20.051 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG054142.D
 Acq: 29 Jun 2022 12:59

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-20220624

Tgt Ion:244 Resp: 946130
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 6.4 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.974 min Scan# 3674
 Delta R.T. 0.012 min
 Lab File: BG054142.D
 Acq: 29 Jun 2022 12:59

Tgt Ion:264 Resp: 188740
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.7 17.4 26.2

