

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071222\
 Data File : BG054259.D
 Acq On : 12 Jul 2022 16:55
 Operator : CG/JU
 Sample : N3649-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A-2-LC

Quant Time: Jul 13 01:36:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 15:49:20 2022
 Response via : Initial Calibration

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

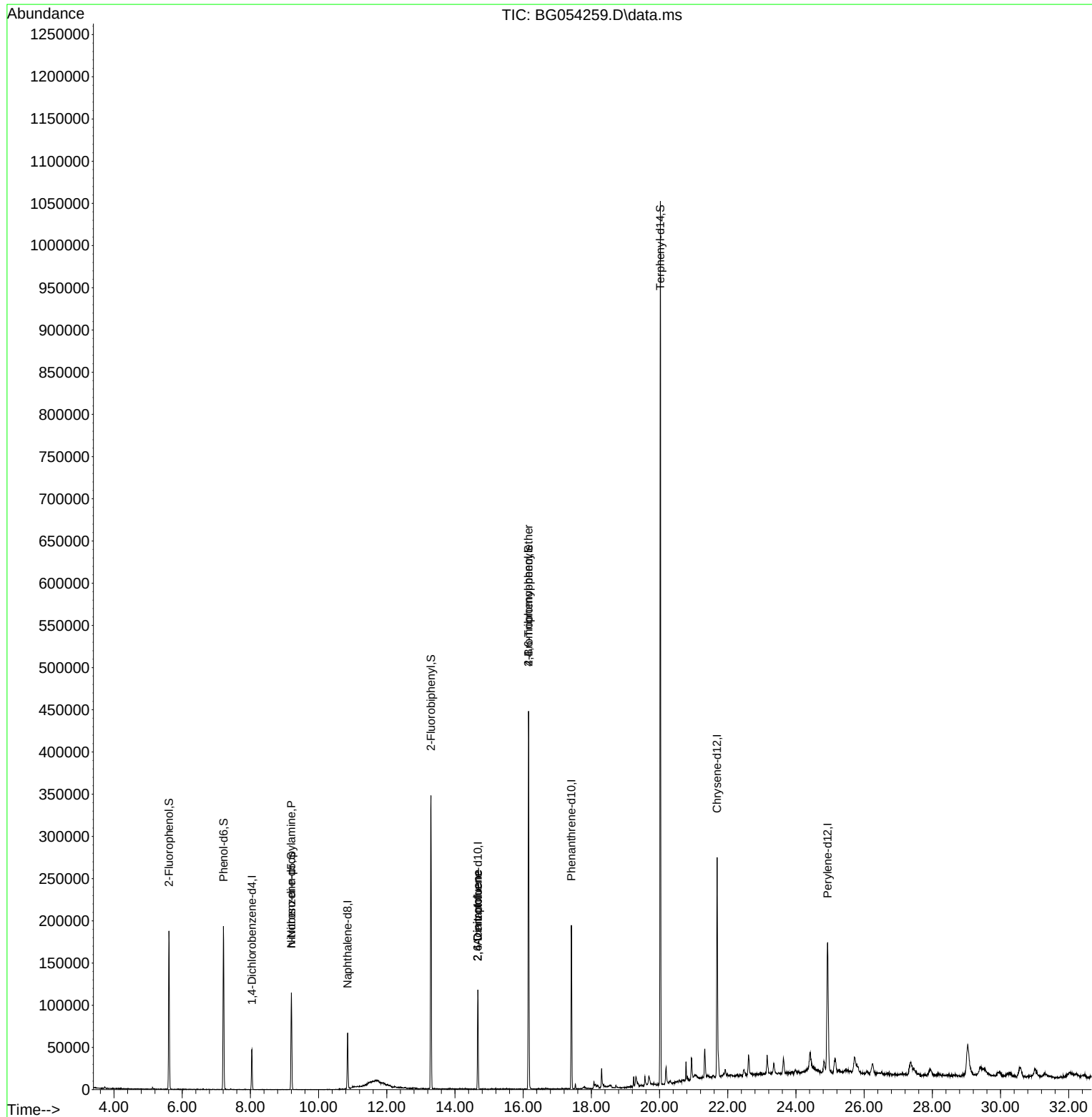
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	15681	20.000	ng	0.00
21) Naphthalene-d8	10.852	136	58259	20.000	ng	# 0.00
39) Acenaphthene-d10	14.671	164	46107	20.000	ng	0.00
64) Phenanthrene-d10	17.415	188	141562	20.000	ng	# 0.00
76) Chrysene-d12	21.686	240	179916	20.000	ng	# 0.00
86) Perylene-d12	24.930	264	184649	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	84920	108.802	ng	0.00
7) Phenol-d6	7.209	99	110782	102.909	ng	0.00
23) Nitrobenzene-d5	9.201	82	70871	66.014	ng	0.00
42) 2,4,6-Tribromophenol	16.157	330	117758	131.848	ng	0.00
45) 2-Fluorobiphenyl	13.296	172	207199	66.031	ng	0.00
79) Terphenyl-d14	20.024	244	599595	68.532	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.201	70	10004	13.612	ng	# 81
51) 2,6-Dinitrotoluene	14.665	165	6315	8.026	ng	# 16
57) 2,4-Dinitrotoluene	14.665	165	6315	5.543	ng	# 21
67) 4-Bromophenyl-phenylether	16.157	248	7365	3.901	ng	# 1

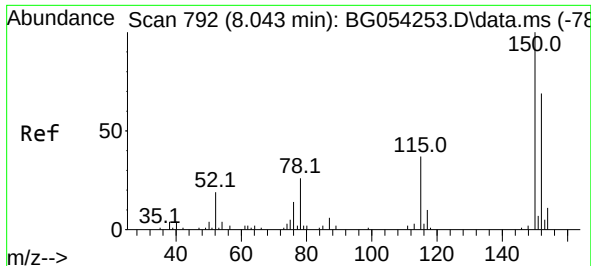
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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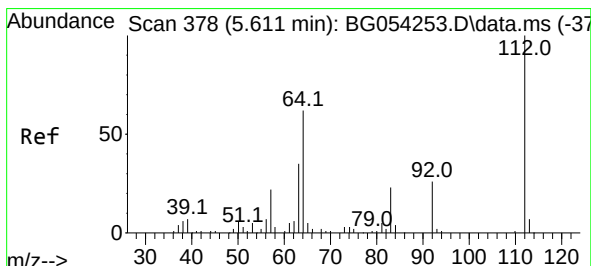
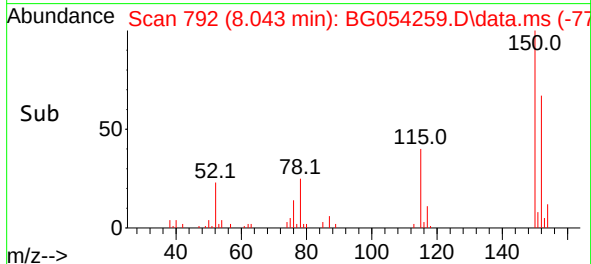
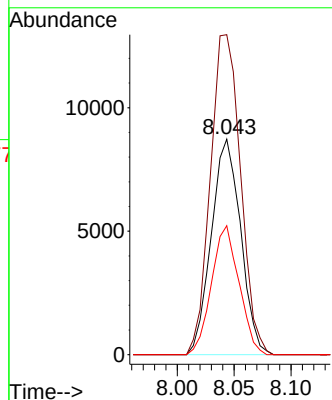
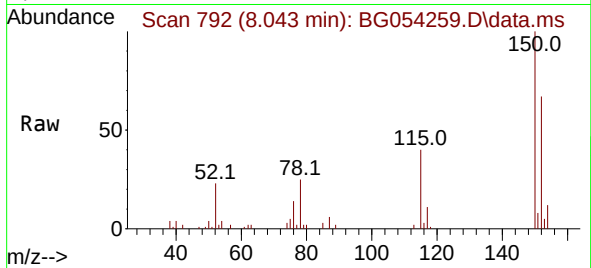




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.043 min Scan# 792
Delta R.T. 0.000 min
Lab File: BG054259.D
Acq: 12 Jul 2022 16:55

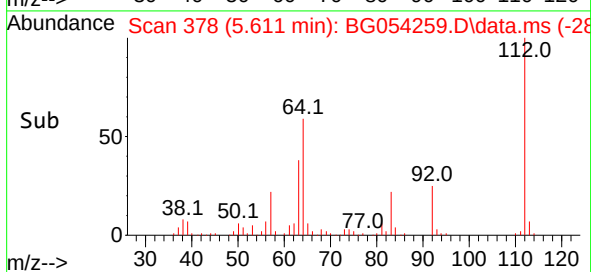
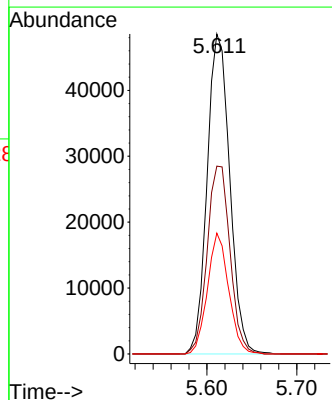
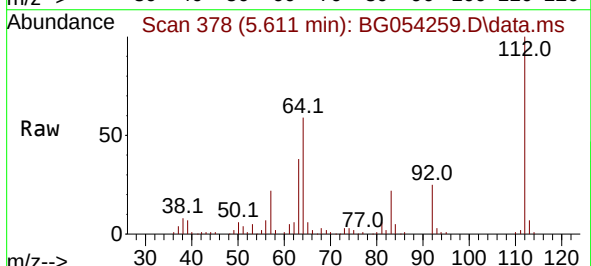
Instrument :
BNA_G
ClientSampleId :
A-2-LC

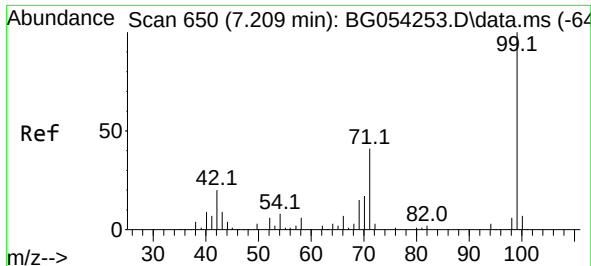
Tgt Ion:152 Resp: 15681
Ion Ratio Lower Upper
152 100
150 148.5 131.6 197.4
115 59.8 50.9 76.3



#5
2-Fluorophenol
Concen: 108.802 ng
RT: 5.611 min Scan# 378
Delta R.T. 0.000 min
Lab File: BG054259.D
Acq: 12 Jul 2022 16:55

Tgt Ion:112 Resp: 84920
Ion Ratio Lower Upper
112 100
64 58.7 55.1 82.7
63 37.8 30.4 45.6

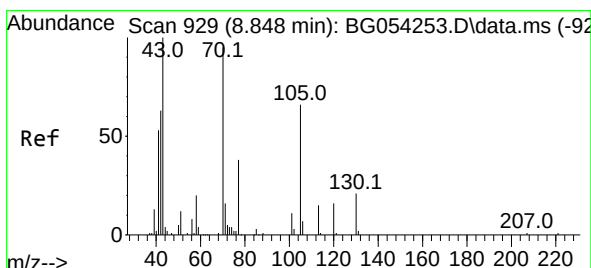
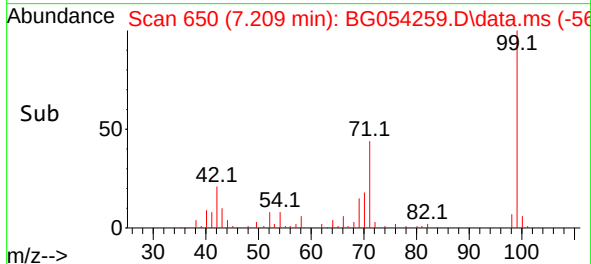
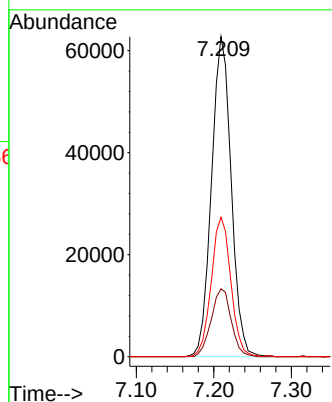
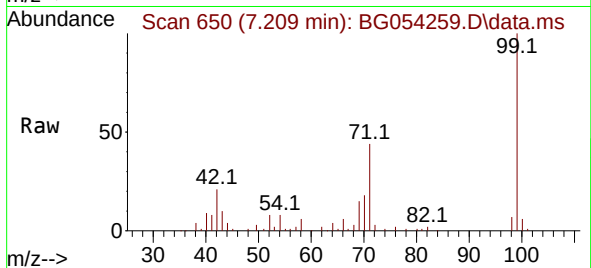




#7
Phenol-d6
Concen: 102.909 ng
RT: 7.209 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG054259.D
Acq: 12 Jul 2022 16:55

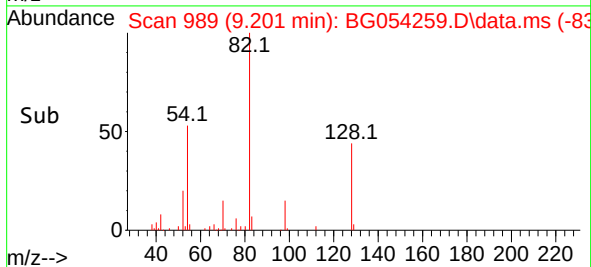
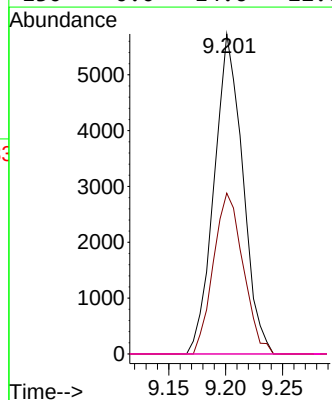
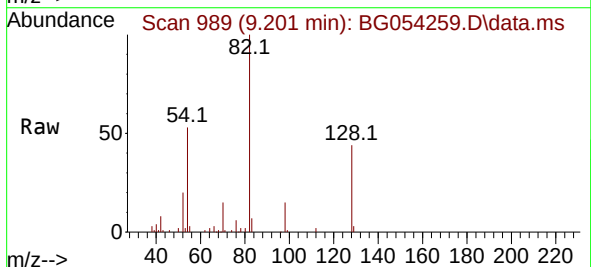
Instrument :
BNA_G
ClientSampleId :
A-2-LC

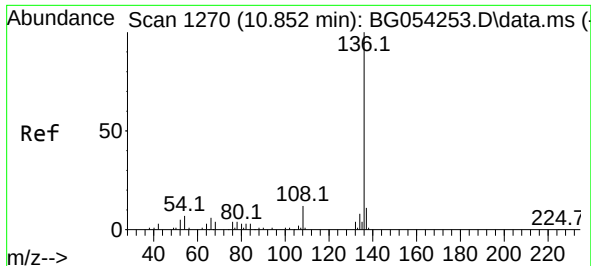
Tgt Ion: 99 Resp: 110782
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 43.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.612 ng
RT: 9.201 min Scan# 989
Delta R.T. 0.353 min
Lab File: BG054259.D
Acq: 12 Jul 2022 16:55

Tgt Ion: 70 Resp: 10004
Ion Ratio Lower Upper
70 100
42 50.2 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

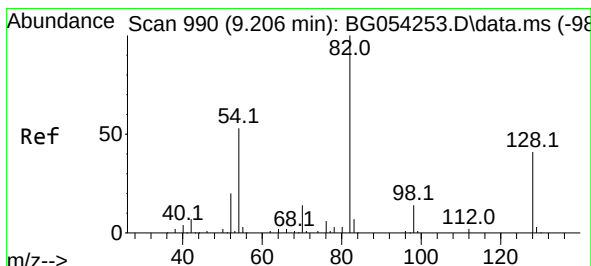
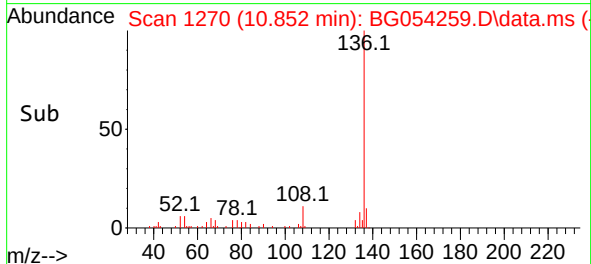
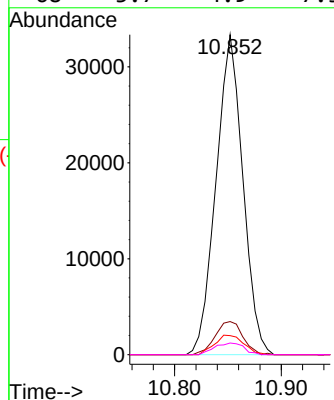
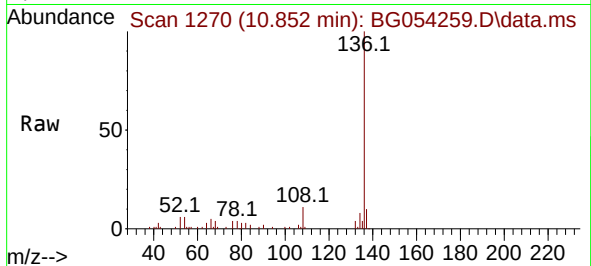




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.852 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054259.D
Acq: 12 Jul 2022 16:55

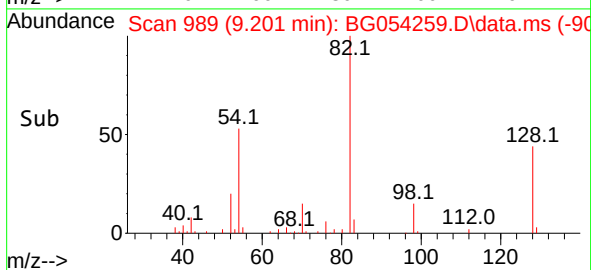
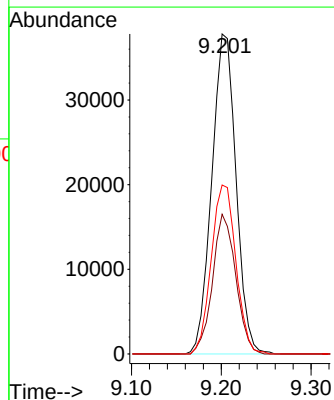
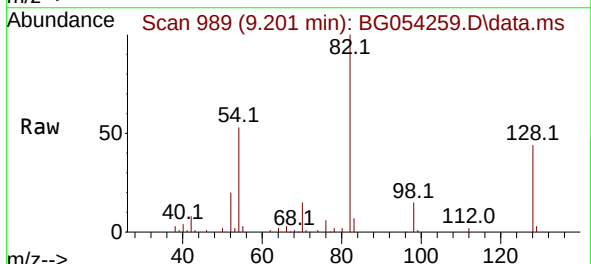
Instrument :
BNA_G
ClientSampleId :
A-2-LC

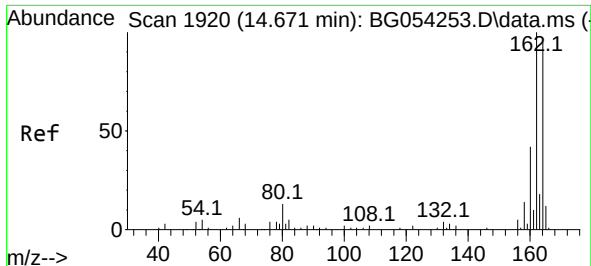
Tgt Ion:	136	Resp:	58259
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.5	12.7
54	5.9	7.4	11.2#
68	3.7	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 66.014 ng
RT: 9.201 min Scan# 989
Delta R.T. -0.006 min
Lab File: BG054259.D
Acq: 12 Jul 2022 16:55

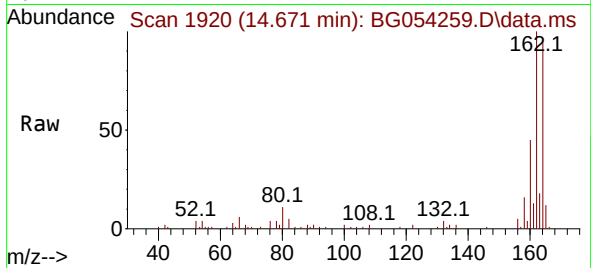
Tgt Ion:	82	Resp:	70871
Ion Ratio	Lower	Upper	
82	100		
128	43.6	27.9	41.9#
54	52.8	41.2	61.8



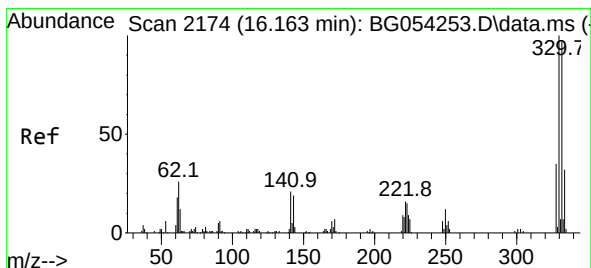
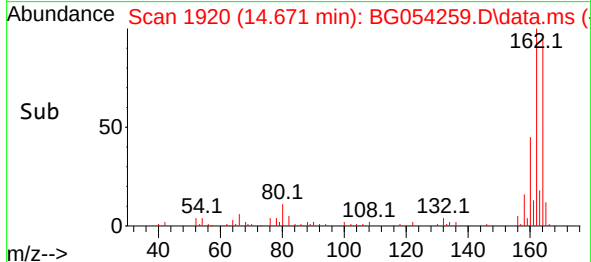
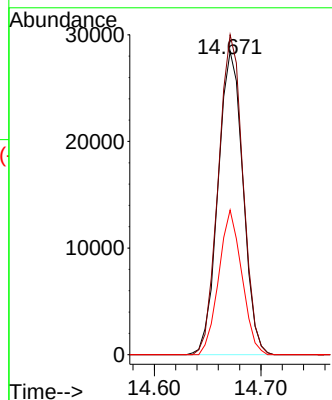


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.671 min Scan# 1920
 Delta R.T. -0.000 min
 Lab File: BG054259.D
 Acq: 12 Jul 2022 16:55

Instrument :
 BNA_G
 ClientSampleId :
 A-2-LC

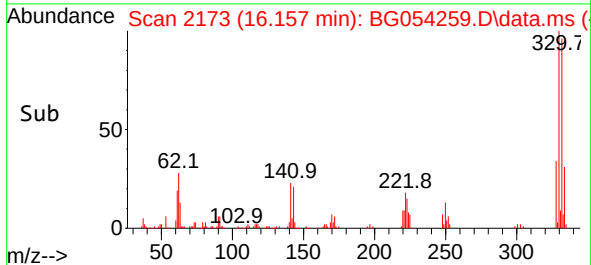
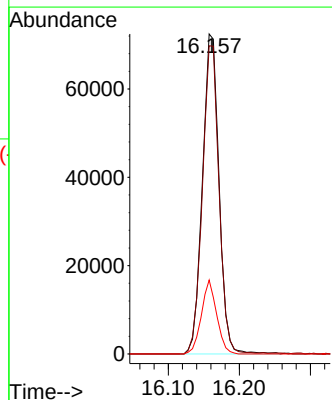
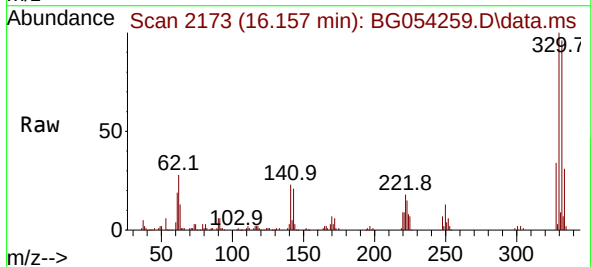


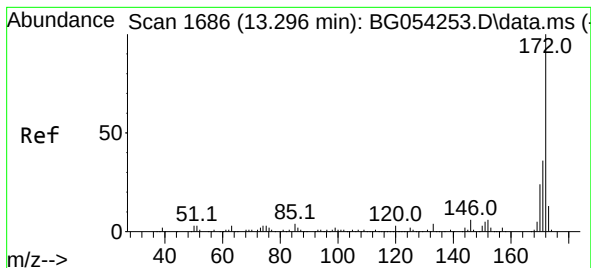
Tgt Ion:	164	Resp:	46107
Ion Ratio	Lower	Upper	
164	100		
162	105.5	82.3	123.5
160	47.7	34.2	51.2



#42
 2,4,6-Tribromophenol
 Concen: 131.848 ng
 RT: 16.157 min Scan# 2173
 Delta R.T. -0.006 min
 Lab File: BG054259.D
 Acq: 12 Jul 2022 16:55

Tgt Ion:	330	Resp:	117758
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.0	114.0
141	21.2	27.1	40.7

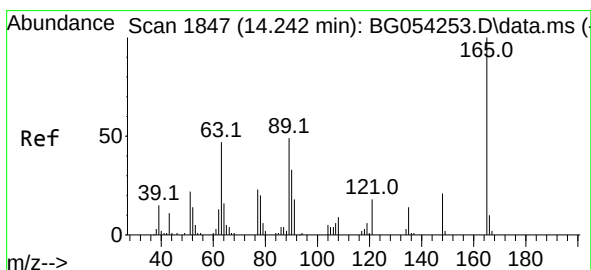
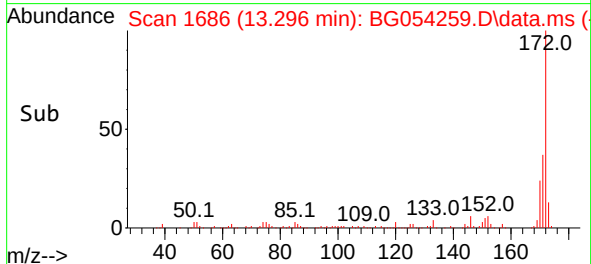
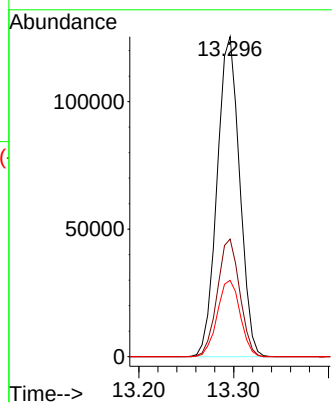
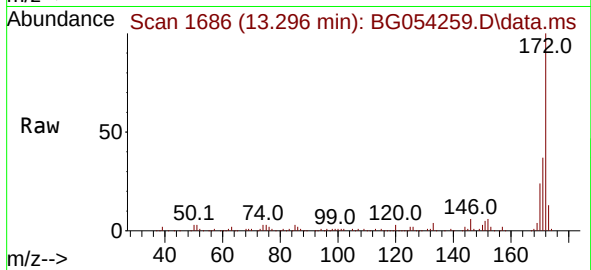




#45
2-Fluorobiphenyl
Concen: 66.031 ng
RT: 13.296 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG054259.D
Acq: 12 Jul 2022 16:55

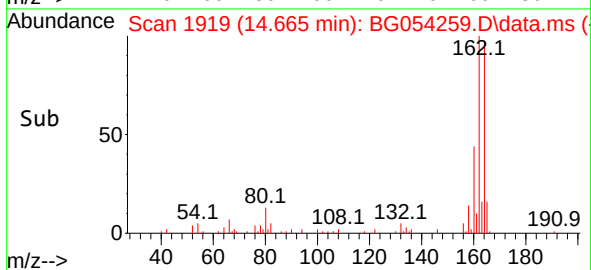
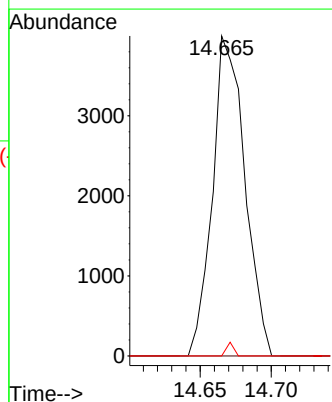
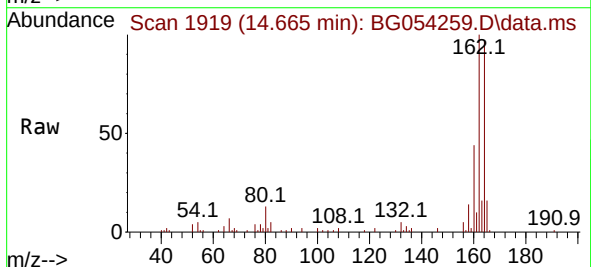
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ClientSampleId :
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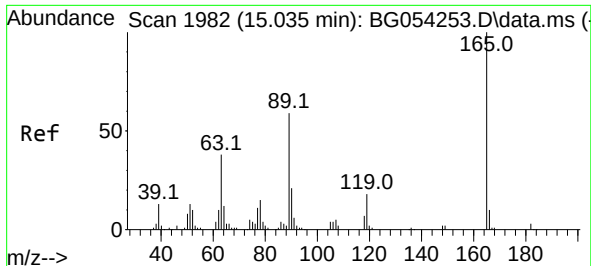
Tgt Ion:172 Resp: 207199
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 23.8 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.026 ng
RT: 14.665 min Scan# 1919
Delta R.T. 0.423 min
Lab File: BG054259.D
Acq: 12 Jul 2022 16:55

Tgt Ion:165 Resp: 6315
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

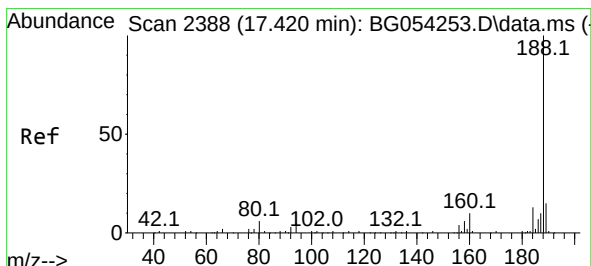
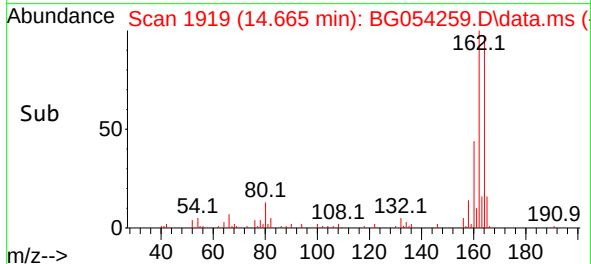
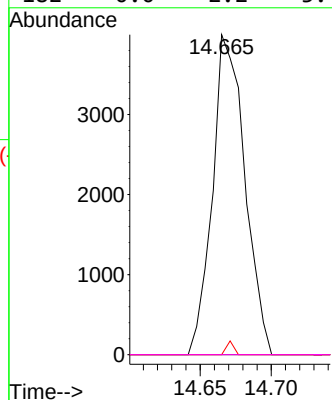
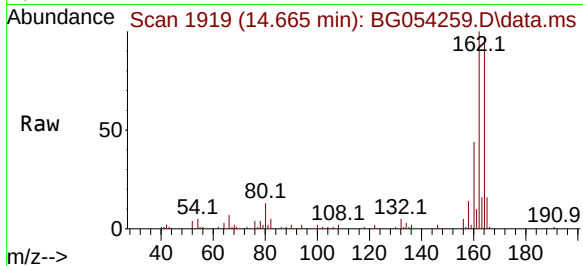




#57
2,4-Dinitrotoluene
Concen: 5.543 ng
RT: 14.665 min Scan# 1982
Delta R.T. -0.370 min
Lab File: BG054259.D
Acq: 12 Jul 2022 16:55

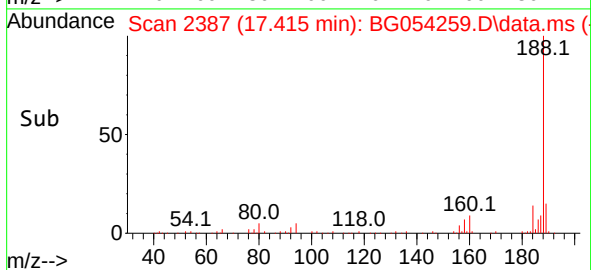
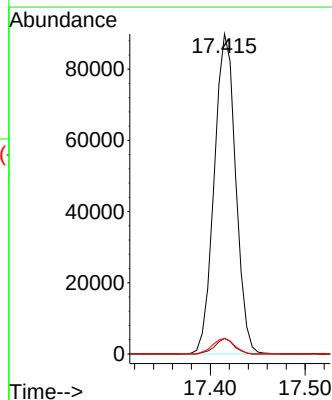
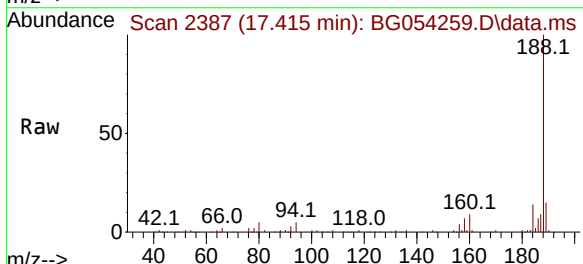
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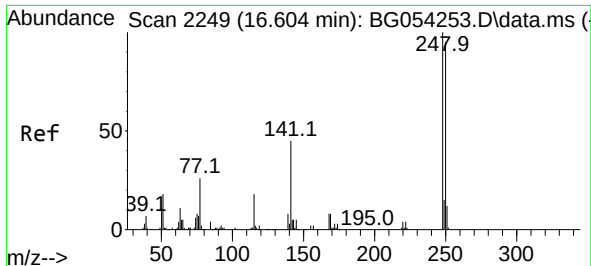
Tgt Ion:165 Resp: 6315
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.415 min Scan# 2387
Delta R.T. -0.005 min
Lab File: BG054259.D
Acq: 12 Jul 2022 16:55

Tgt Ion:188 Resp: 141562
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.0#
80 4.9 6.8 10.2#

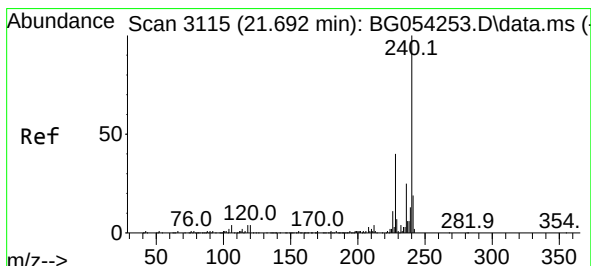
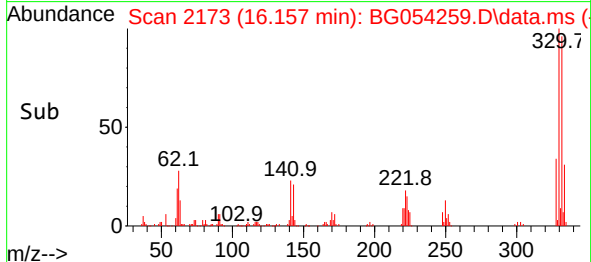
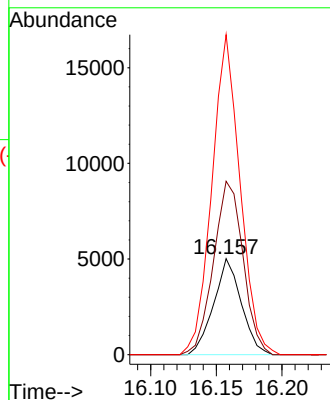
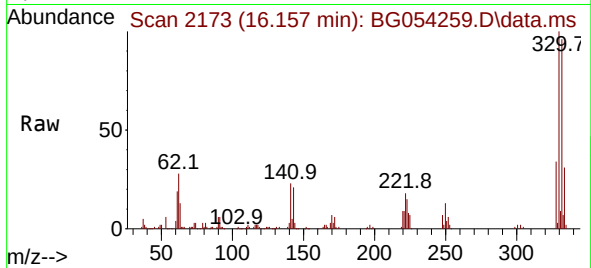




#67
4-Bromophenyl-phenylether
Concen: 3.901 ng
RT: 16.157 min Scan# 2117
Delta R.T. -0.446 min
Lab File: BG054259.D
Acq: 12 Jul 2022 16:55

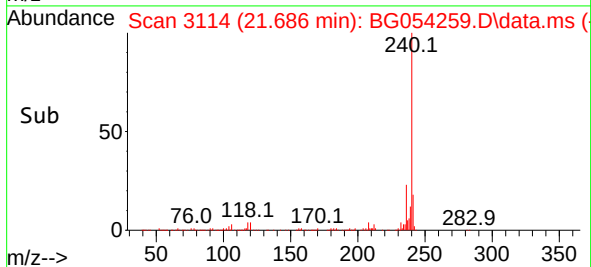
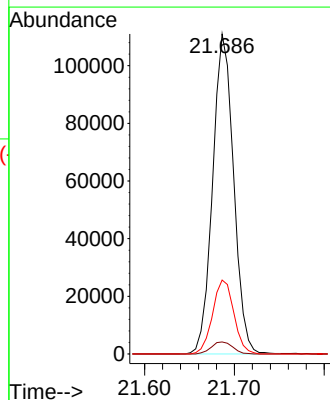
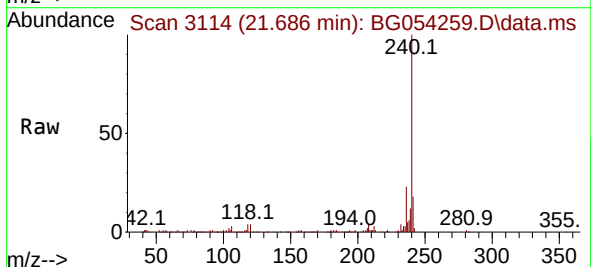
Instrument :
BNA_G
ClientSampleId :
A-2-LC

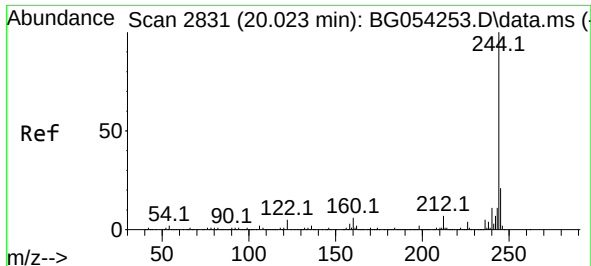
Tgt Ion:248 Resp: 7365
Ion Ratio Lower Upper
248 100
250 183.8 75.2 112.8#
141 263.4 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.686 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BG054259.D
Acq: 12 Jul 2022 16:55

Tgt Ion:240 Resp: 179916
Ion Ratio Lower Upper
240 100
120 3.8 4.6 7.0#
236 23.1 20.2 30.4

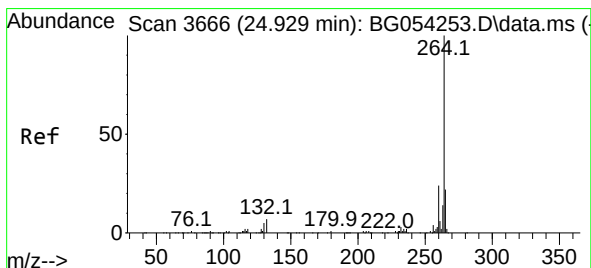
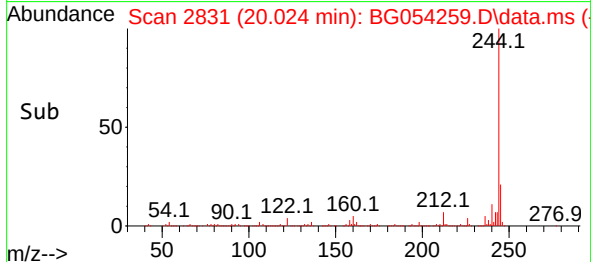
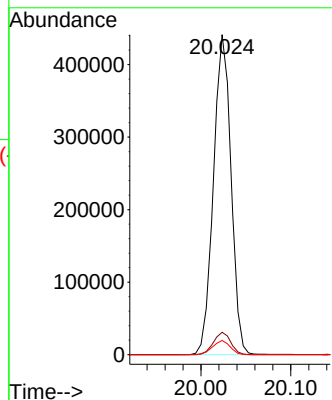
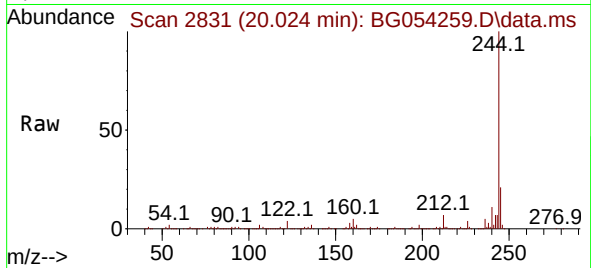




#79
 Terphenyl-d14
 Concen: 68.532 ng
 RT: 20.024 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054259.D
 Acq: 12 Jul 2022 16:55

Instrument :
 BNA_G
 ClientSampleId :
 A-2-LC

Tgt Ion:244 Resp: 599595
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 4.4 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.930 min Scan# 3666
 Delta R.T. 0.001 min
 Lab File: BG054259.D
 Acq: 12 Jul 2022 16:55

Tgt Ion:264 Resp: 184649
 Ion Ratio Lower Upper
 264 100
 260 21.6 19.0 28.6
 265 21.0 17.4 26.2

