

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
 Data File : BG058703.D
 Acq On : 11 Aug 2023 15:12
 Operator : MA/JU
 Sample : PB154769BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154769BL

Quant Time: Aug 11 15:46:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

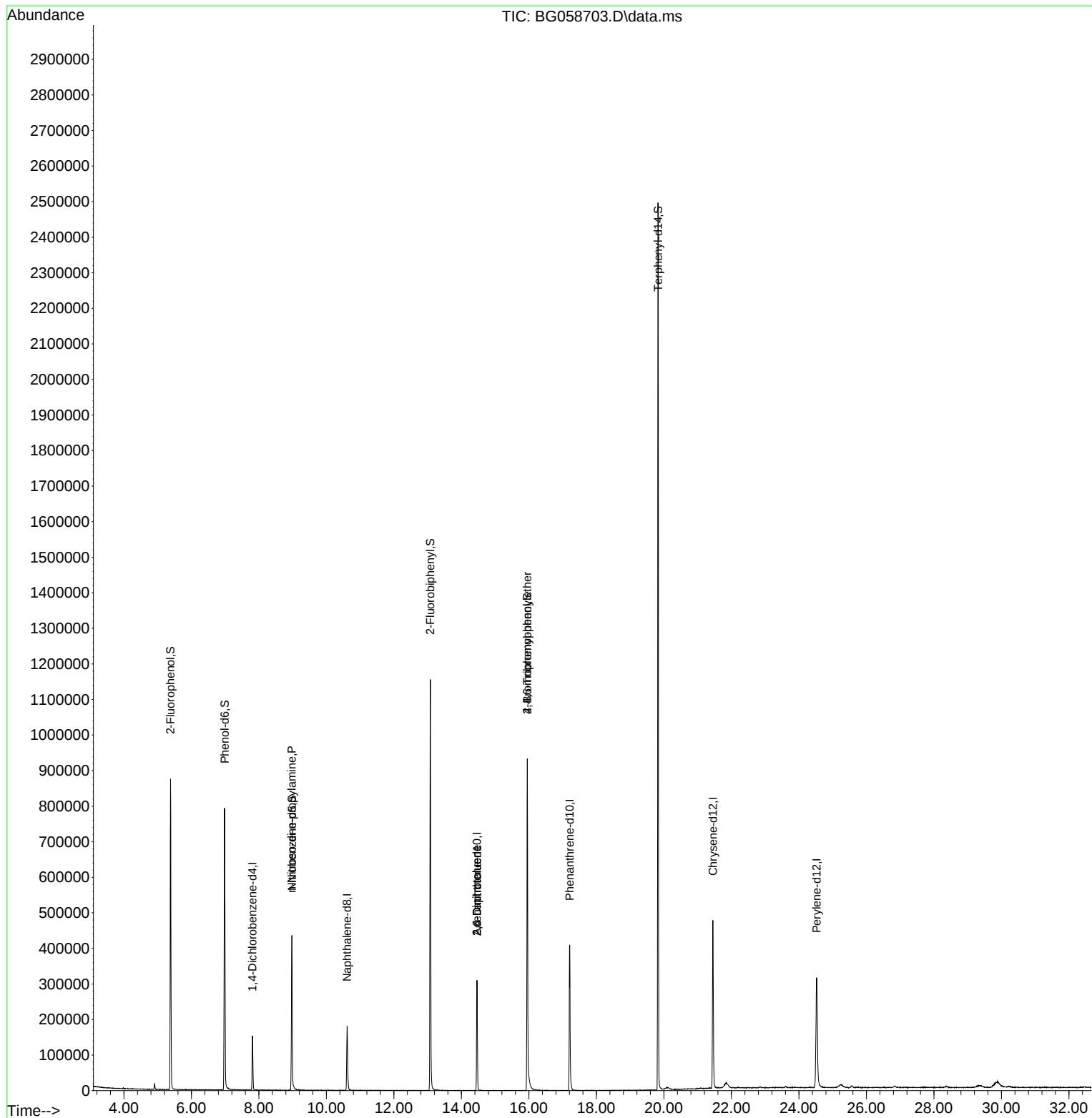
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	42335	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	176461	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	124230	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	326197	20.000	ng	0.00
76) Chrysene-d12	21.451	240	312982	20.000	ng	0.00
86) Perylene-d12	24.524	264	389741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	357702	129.144	ng	0.00
7) Phenol-d6	6.986	99	486949	126.345	ng	0.00
23) Nitrobenzene-d5	8.978	82	290930	80.993	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	230725	113.311	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	668178	80.603	ng	0.00
79) Terphenyl-d14	19.830	244	1412052	84.842	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.972	70	36499	14.661	ng	# 75
51) 2,6-Dinitrotoluene	14.460	165	15915	7.774	ng	# 22
57) 2,4-Dinitrotoluene	14.460	165	15915	5.608	ng	# 23
67) 4-Bromophenyl-phenylether	15.952	248	13601	3.676	ng	# 1

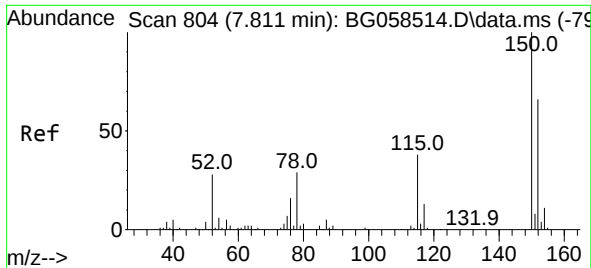
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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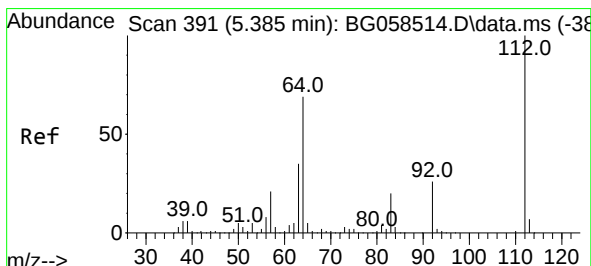
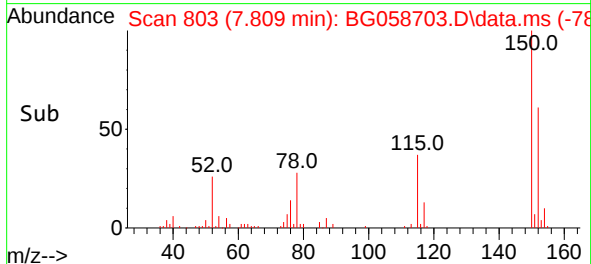
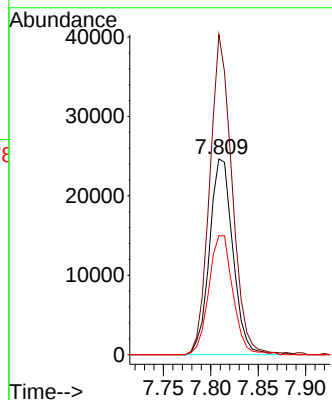
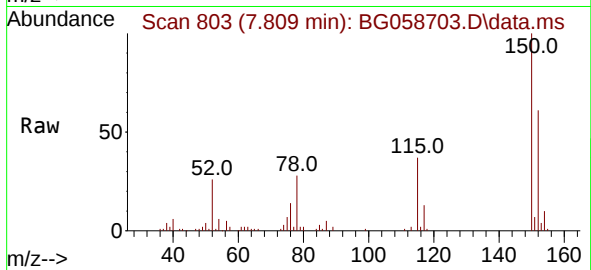




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 804
Delta R.T. -0.002 min
Lab File: BG058703.D
Acq: 11 Aug 2023 15:12

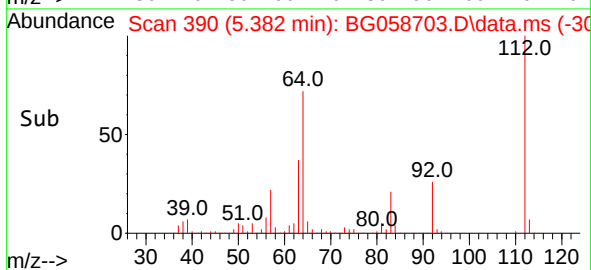
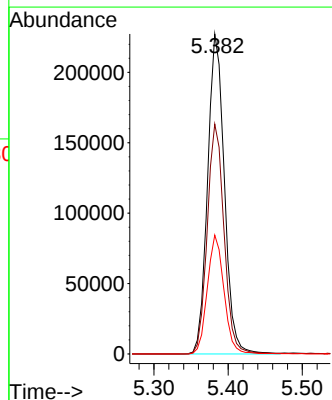
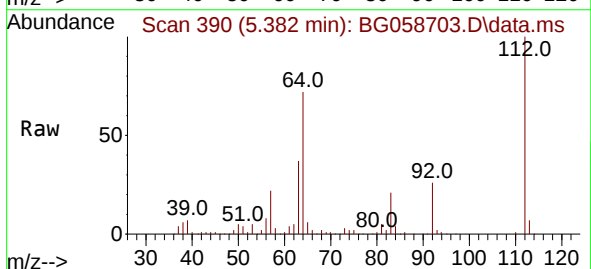
Instrument :
BNA_G
ClientSampleId :
PB154769BL

Tgt Ion:152 Resp: 42335
Ion Ratio Lower Upper
152 100
150 163.4 120.5 180.7
115 60.8 45.9 68.9



#5
2-Fluorophenol
Concen: 129.144 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG058703.D
Acq: 11 Aug 2023 15:12

Tgt Ion:112 Resp: 357702
Ion Ratio Lower Upper
112 100
64 71.8 55.3 82.9
63 37.2 28.3 42.5

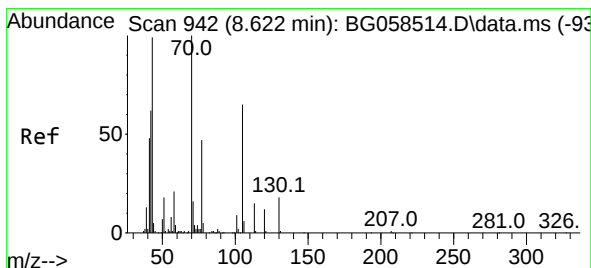
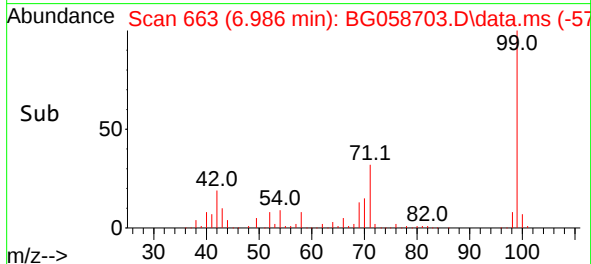
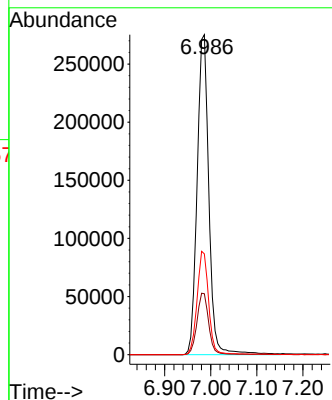
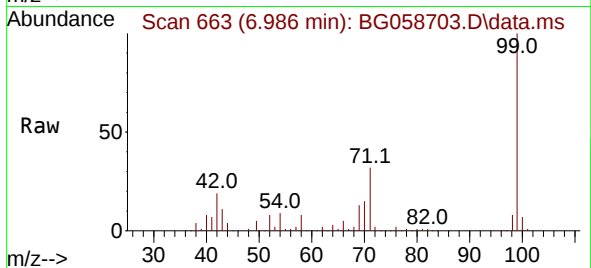




#7
Phenol-d6
Concen: 126.345 ng
RT: 6.986 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG058703.D
Acq: 11 Aug 2023 15:12

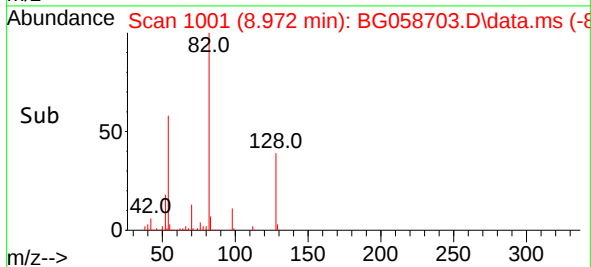
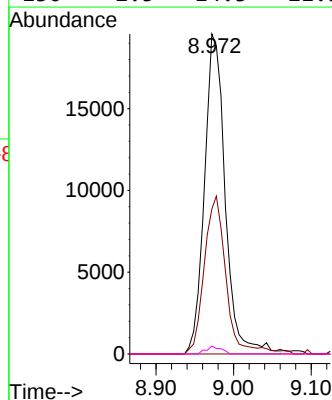
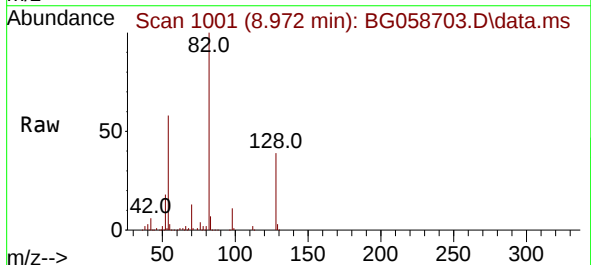
Instrument :
BNA_G
ClientSampleId :
PB154769BL

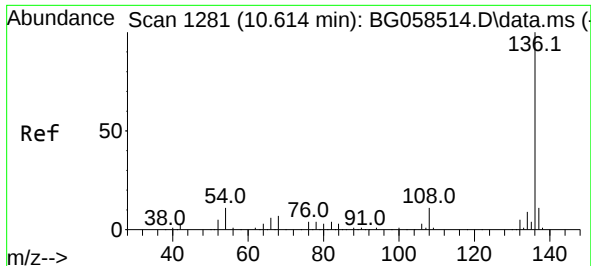
Tgt Ion: 99 Resp: 486949
Ion Ratio Lower Upper
99 100
42 19.1 14.6 21.8
71 31.5 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.661 ng
RT: 8.972 min Scan# 1001
Delta R.T. 0.350 min
Lab File: BG058703.D
Acq: 11 Aug 2023 15:12

Tgt Ion: 70 Resp: 36499
Ion Ratio Lower Upper
70 100
42 45.3 49.7 74.5#
101 0.0 7.0 10.4#
130 2.5 14.3 21.5#

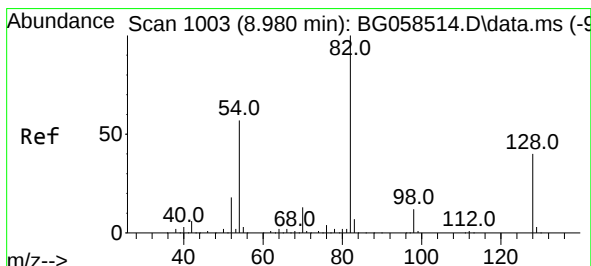
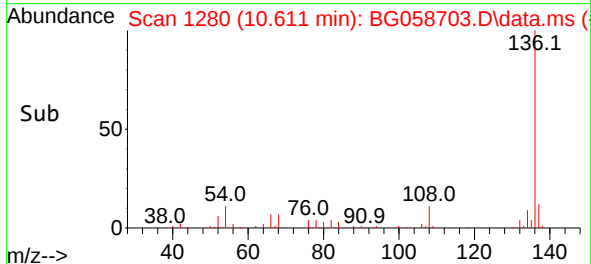
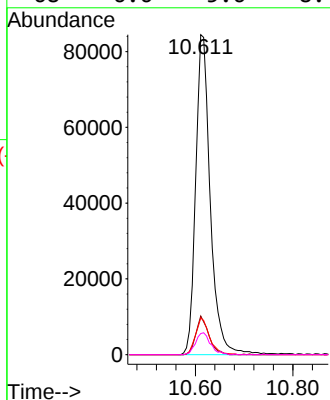
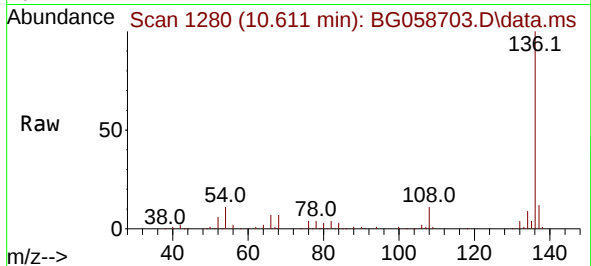




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058703.D
Acq: 11 Aug 2023 15:12

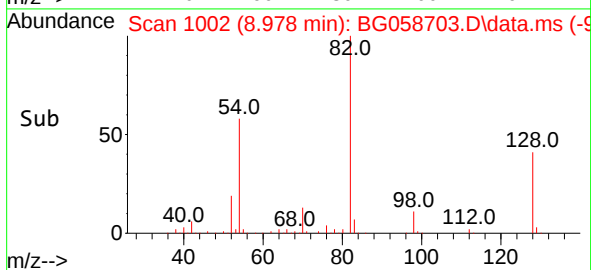
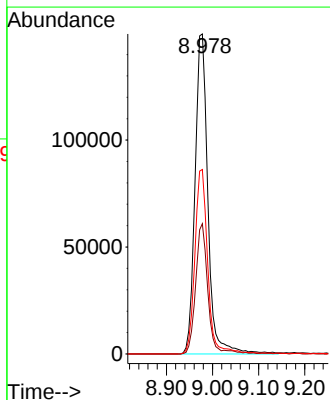
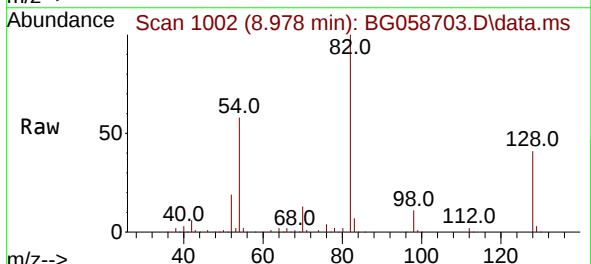
Instrument :
BNA_G
ClientSampleId :
PB154769BL

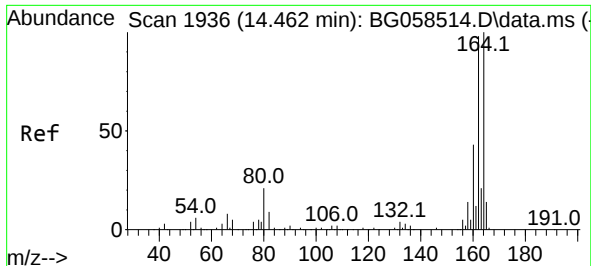
Tgt Ion:	136	Resp:	176461
Ion Ratio	Lower	Upper	
136	100		
137	12.1	8.6	13.0
54	11.5	8.9	13.3
68	6.6	5.6	8.4



#23
Nitrobenzene-d5
Concen: 80.993 ng
RT: 8.978 min Scan# 1002
Delta R.T. -0.003 min
Lab File: BG058703.D
Acq: 11 Aug 2023 15:12

Tgt Ion:	82	Resp:	290930
Ion Ratio	Lower	Upper	
82	100		
128	40.7	32.2	48.2
54	57.6	46.0	69.0

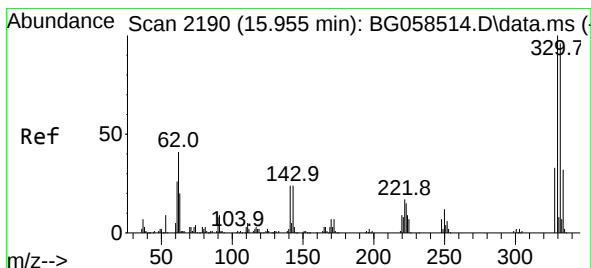
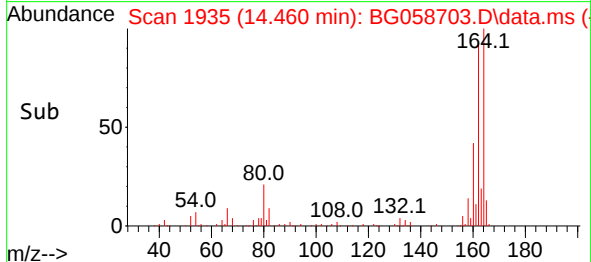
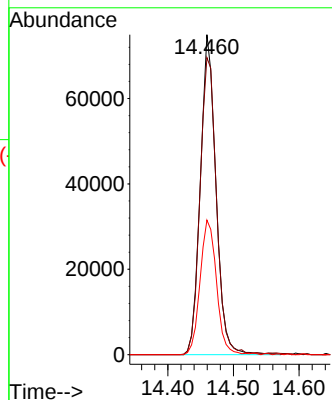
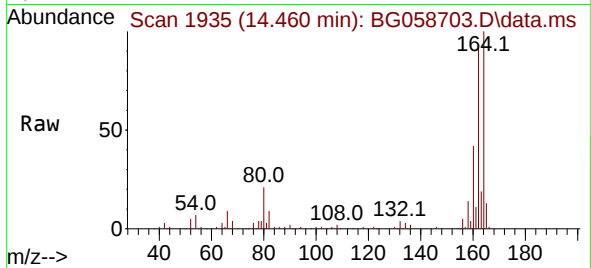




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.003 min
Lab File: BG058703.D
Acq: 11 Aug 2023 15:12

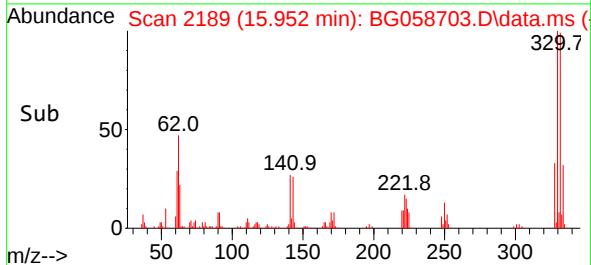
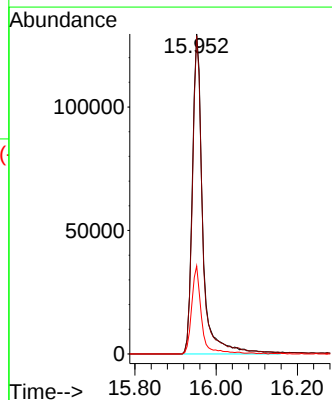
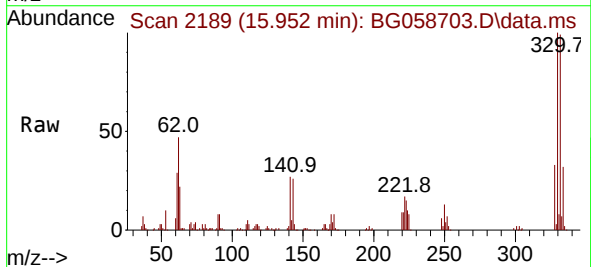
Instrument :
BNA_G
ClientSampleId :
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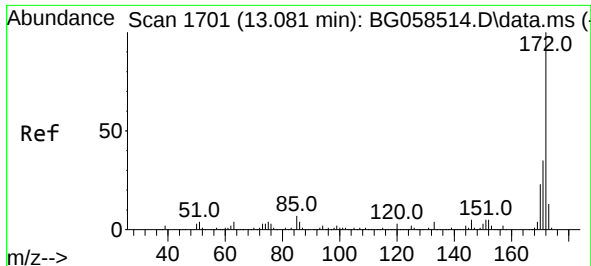
Tgt Ion:164 Resp: 124230
Ion Ratio Lower Upper
164 100
162 92.8 78.3 117.5
160 42.1 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 113.311 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.003 min
Lab File: BG058703.D
Acq: 11 Aug 2023 15:12

Tgt Ion:330 Resp: 230725
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 25.5 20.7 31.1

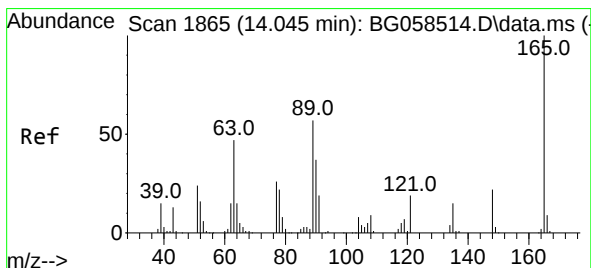
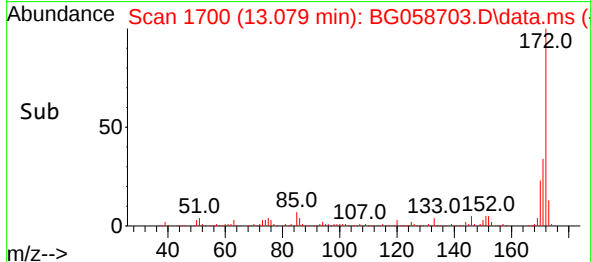
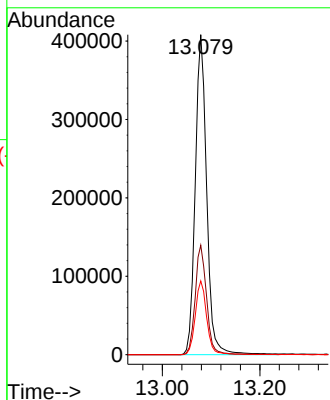
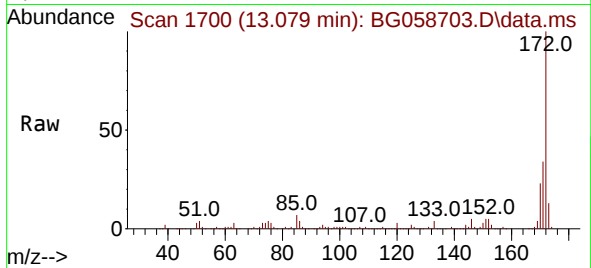




#45
2-Fluorobiphenyl
Concen: 80.603 ng
RT: 13.079 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058703.D
Acq: 11 Aug 2023 15:12

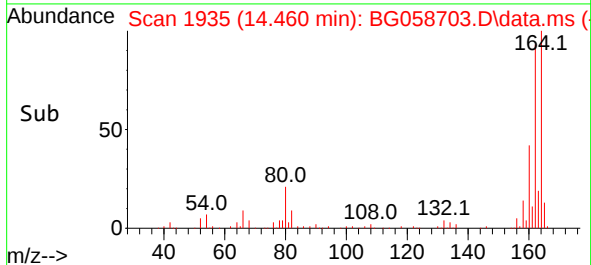
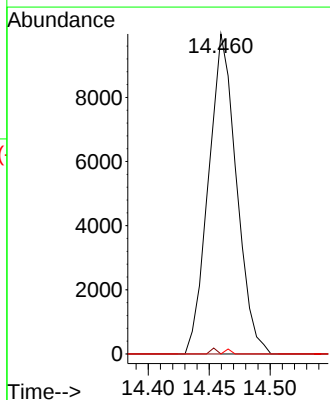
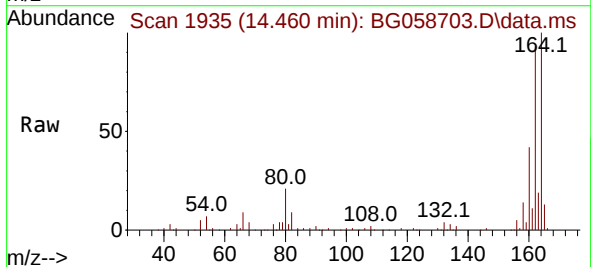
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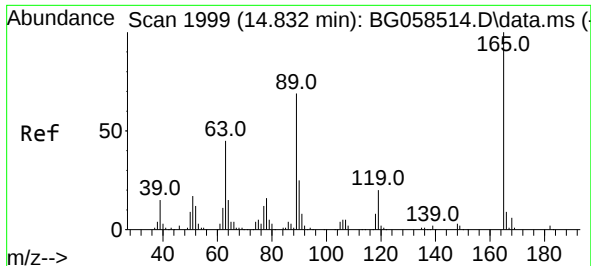
Tgt Ion:172 Resp: 668178
Ion Ratio Lower Upper
172 100
171 34.2 28.0 42.0
170 23.0 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.774 ng
RT: 14.460 min Scan# 1935
Delta R.T. 0.415 min
Lab File: BG058703.D
Acq: 11 Aug 2023 15:12

Tgt Ion:165 Resp: 15915
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#

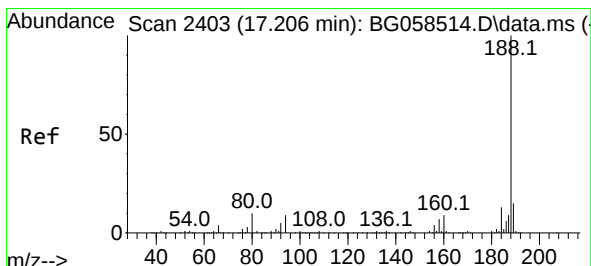
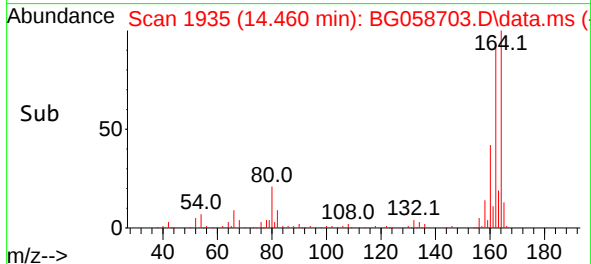
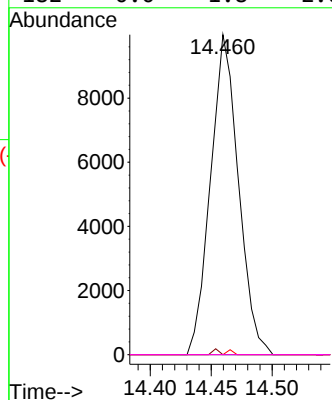
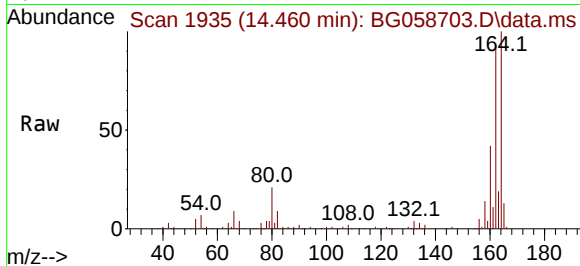




#57
2,4-Dinitrotoluene
Concen: 5.608 ng
RT: 14.460 min Scan# 1999
Delta R.T. -0.372 min
Lab File: BG058703.D
Acq: 11 Aug 2023 15:12

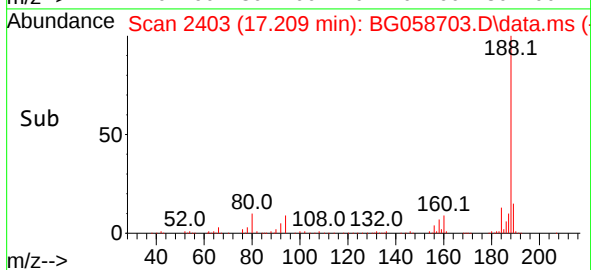
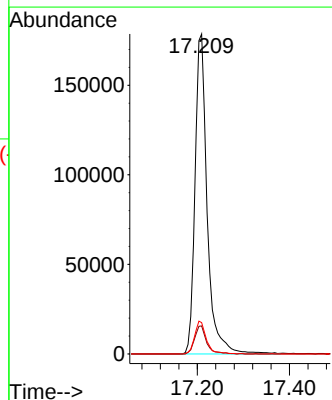
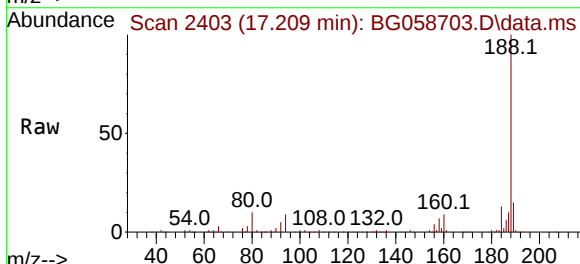
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ClientSampleId :
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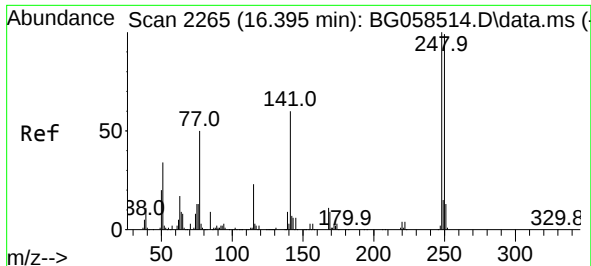
Tgt Ion:	165	Resp:	15915
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.6	54.8#
89	0.0	55.4	83.0#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2403
Delta R.T. 0.003 min
Lab File: BG058703.D
Acq: 11 Aug 2023 15:12

Tgt Ion:	188	Resp:	326197
Ion Ratio	Lower	Upper	
188	100		
94	8.8	7.0	10.6
80	9.8	8.1	12.1

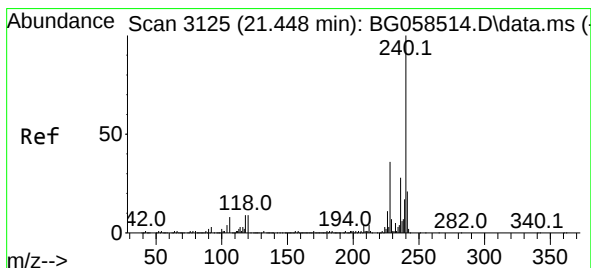
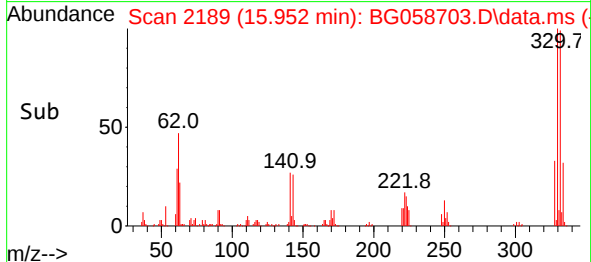
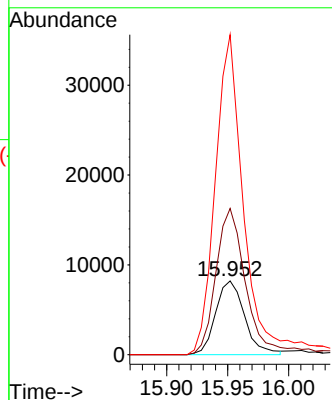
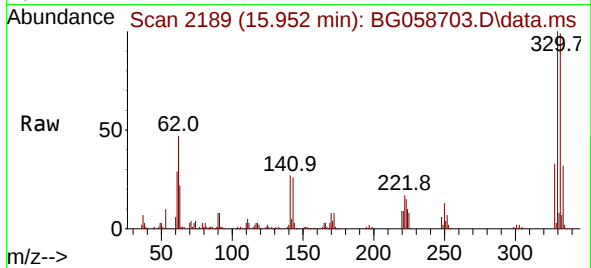




#67
4-Bromophenyl-phenylether
Concen: 3.676 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.443 min
Lab File: BG058703.D
Acq: 11 Aug 2023 15:12

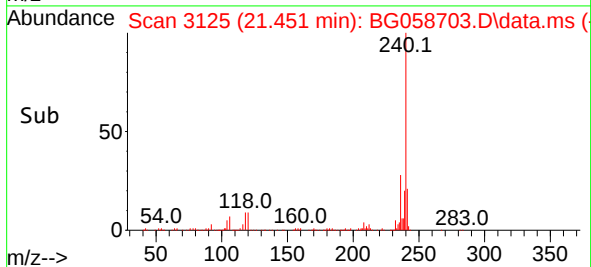
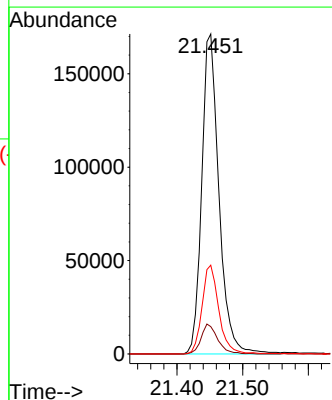
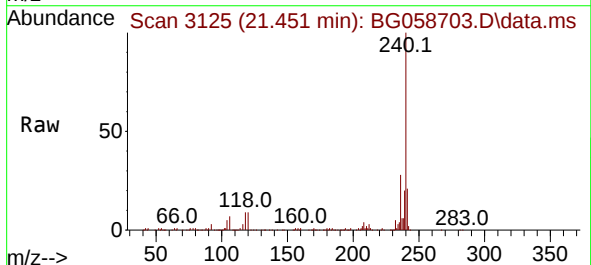
Instrument :
BNA_G
ClientSampleId :
PB154769BL

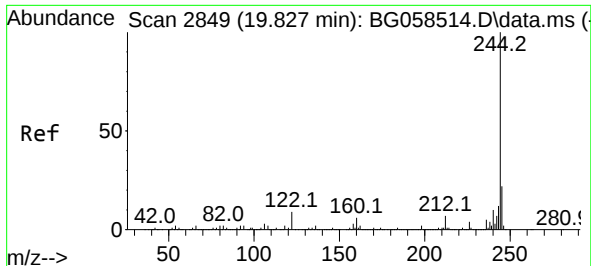
Tgt Ion:248 Resp: 13601
Ion Ratio Lower Upper
248 100
250 198.4 79.5 119.3#
141 434.0 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. 0.003 min
Lab File: BG058703.D
Acq: 11 Aug 2023 15:12

Tgt Ion:240 Resp: 312982
Ion Ratio Lower Upper
240 100
120 8.5 7.4 11.0
236 27.8 22.2 33.4

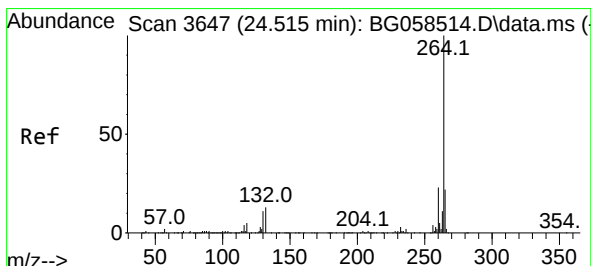
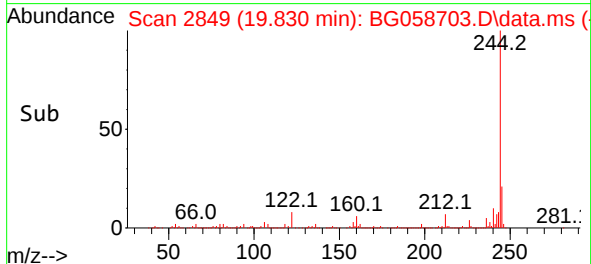
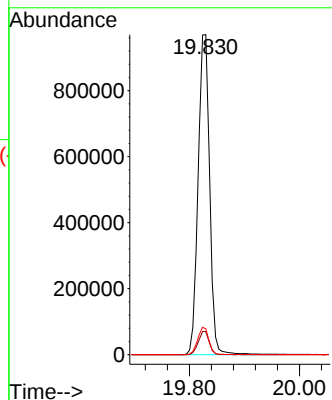
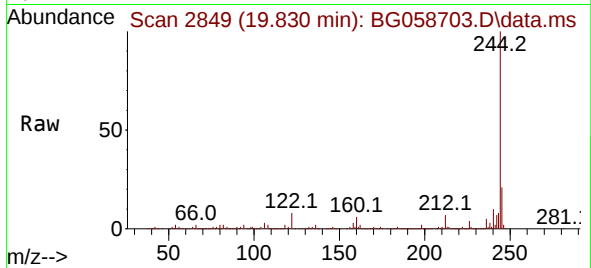




#79
 Terphenyl-d14
 Concen: 84.842 ng
 RT: 19.830 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG058703.D
 Acq: 11 Aug 2023 15:12

Instrument :
 BNA_G
 ClientSampleId :
 PB154769BL

Tgt Ion:244 Resp: 1412052
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.1 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.524 min Scan# 3648
 Delta R.T. 0.009 min
 Lab File: BG058703.D
 Acq: 11 Aug 2023 15:12

Tgt Ion:264 Resp: 389741
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.4 27.6
 265 20.7 17.9 26.9

