

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
 Data File : BG058711.D
 Acq On : 11 Aug 2023 20:47
 Operator : MA/JU
 Sample : 03971-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP02B

Quant Time: Aug 11 23:04:06 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)

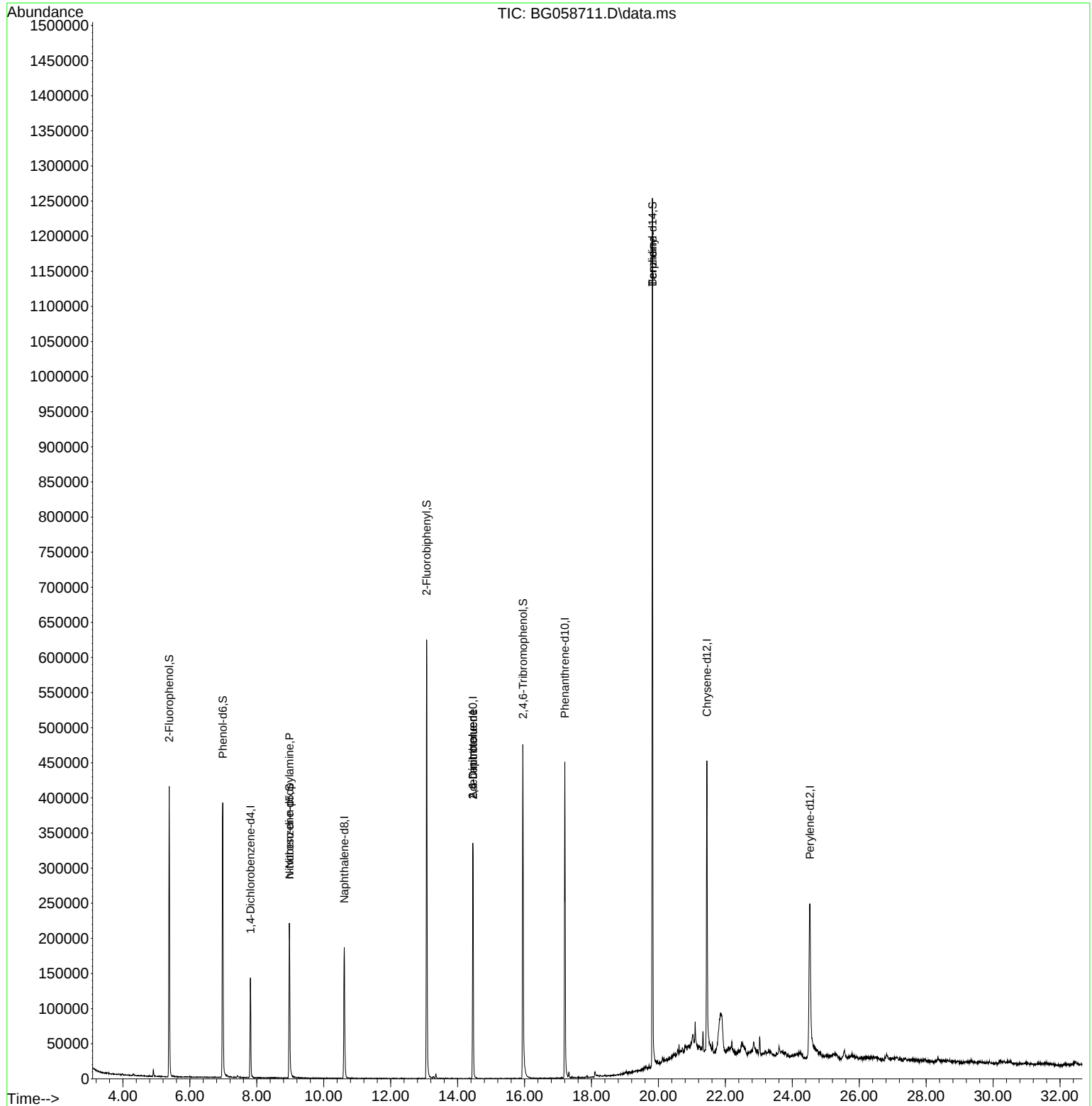
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	39979	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	177439	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	128166	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	313686	20.000	ng	0.00
76) Chrysene-d12	21.448	240	278082	20.000	ng	0.00
86) Perylene-d12	24.527	264	308614	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	176097	67.325	ng	0.00
7) Phenol-d6	6.983	99	248455	68.264	ng	0.00
23) Nitrobenzene-d5	8.975	82	146552	40.574	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	127775	60.824	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	378632	44.272	ng	0.00
79) Terphenyl-d14	19.821	244	687736	46.508	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	18008	7.660	ng	Qvalue # 88
51) 2,6-Dinitrotoluene	14.456	165	16493	7.809	ng	# 23
57) 2,4-Dinitrotoluene	14.456	165	16493	5.633	ng	# 24
77) Benzidine	19.821	184	8502	2.016	ng	# 94

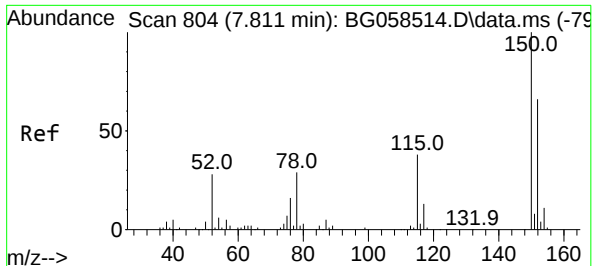
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
Data File : BG058711.D
Acq On : 11 Aug 2023 20:47
Operator : MA/JU
Sample : 03971-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-PP02B

Quant Time: Aug 11 23:04:06 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

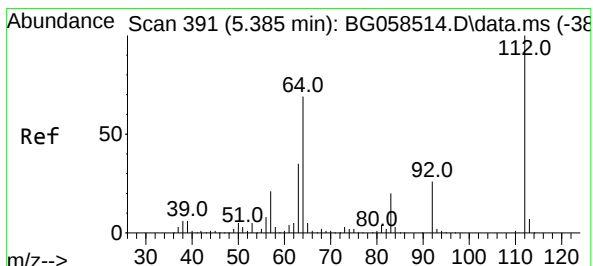
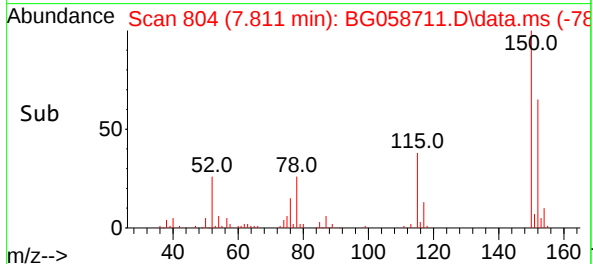
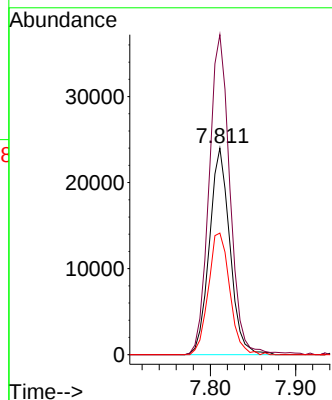
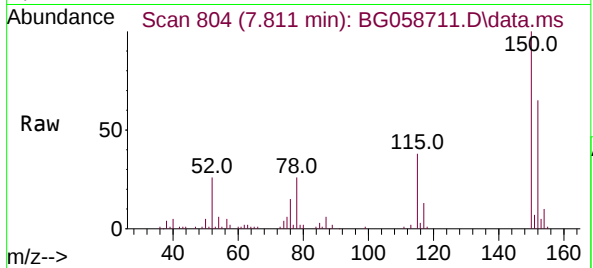




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058711.D
Acq: 11 Aug 2023 20:47

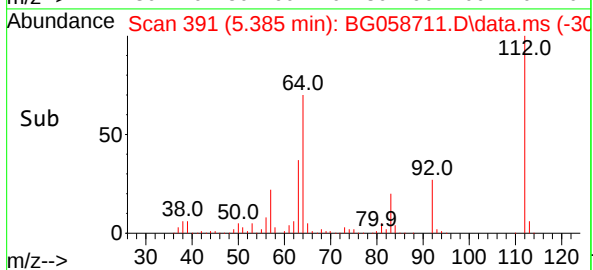
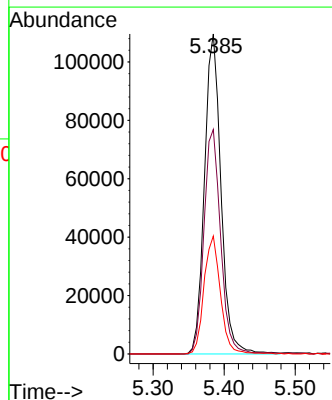
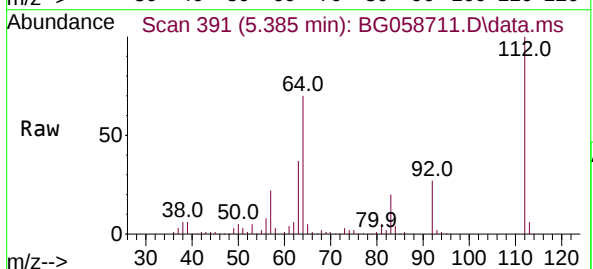
Instrument :
BNA_G
ClientSampleId :
B-PP02B

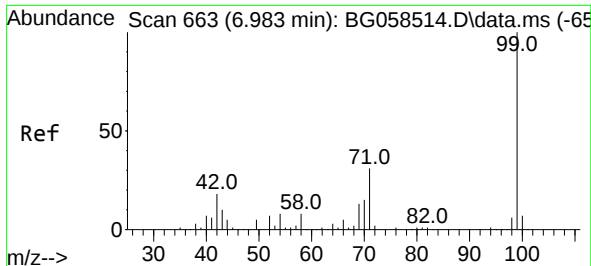
Tgt Ion:152 Resp: 39979
Ion Ratio Lower Upper
152 100
150 154.9 120.5 180.7
115 58.8 45.9 68.9



#5
2-Fluorophenol
Concen: 67.325 ng
RT: 5.385 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058711.D
Acq: 11 Aug 2023 20:47

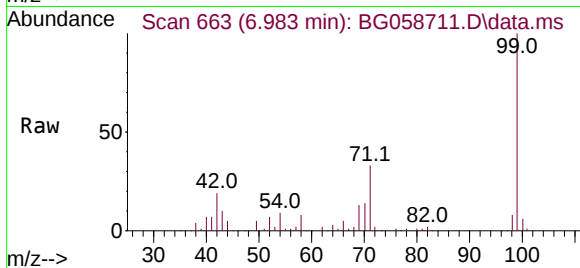
Tgt Ion:112 Resp: 176097
Ion Ratio Lower Upper
112 100
64 70.1 55.3 82.9
63 36.8 28.3 42.5



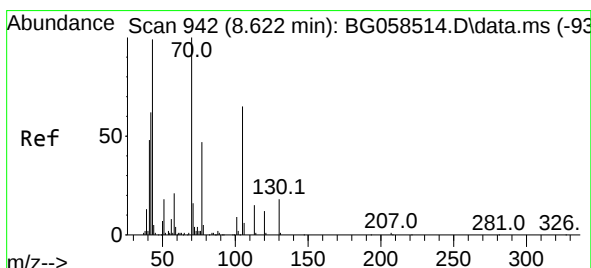
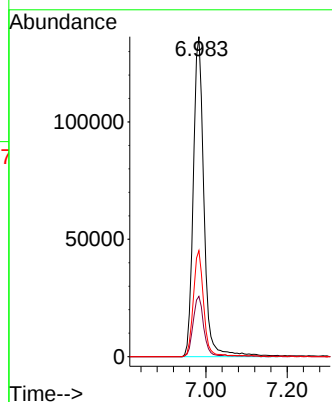
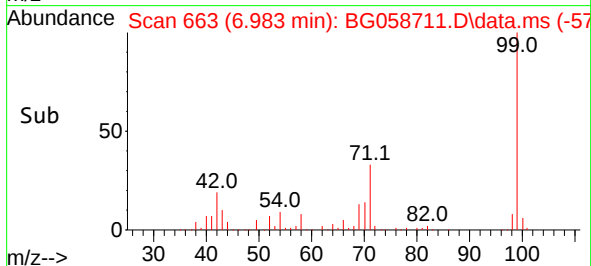


#7
Phenol-d6
Concen: 68.264 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058711.D
Acq: 11 Aug 2023 20:47

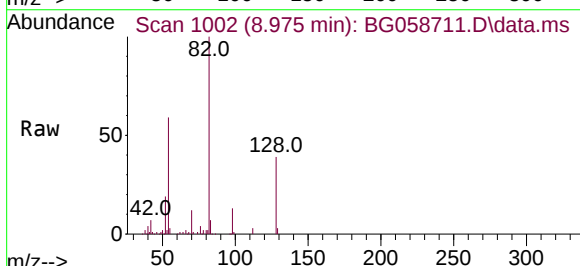
Instrument :
BNA_G
ClientSampleId :
B-PP02B



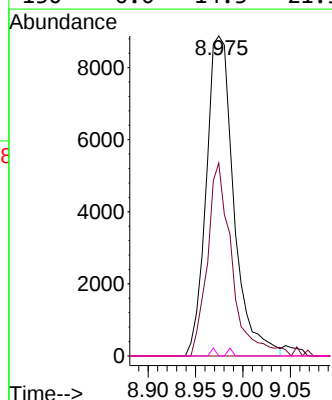
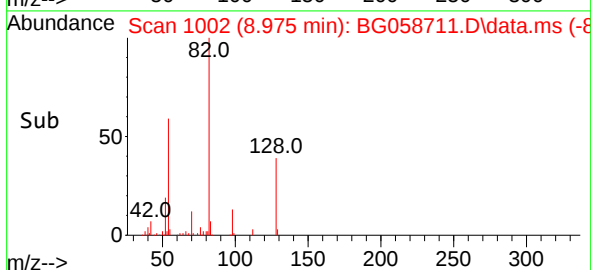
Tgt Ion: 99 Resp: 248455
Ion Ratio Lower Upper
99 100
42 18.8 14.6 21.8
71 33.1 25.0 37.4

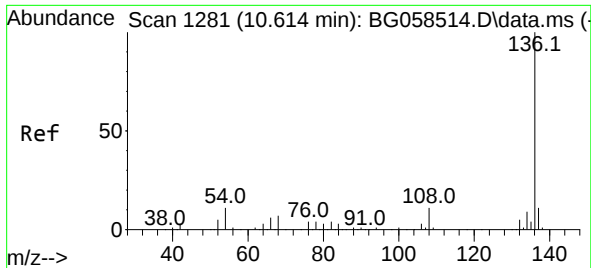


#19
n-Nitroso-di-n-propylamine
Concen: 7.660 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058711.D
Acq: 11 Aug 2023 20:47



Tgt Ion: 70 Resp: 18008
Ion Ratio Lower Upper
70 100
42 60.3 49.7 74.5
101 0.0 7.0 10.4#
130 0.0 14.3 21.5#

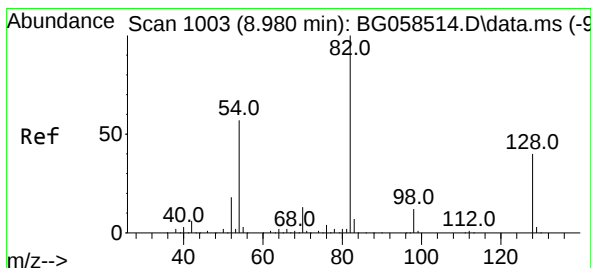
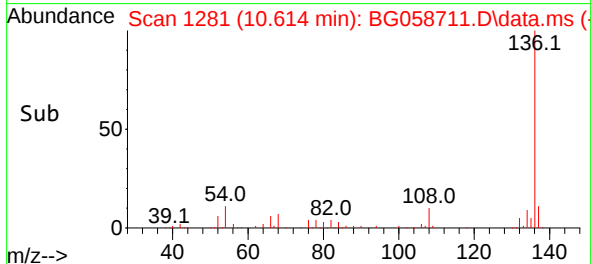
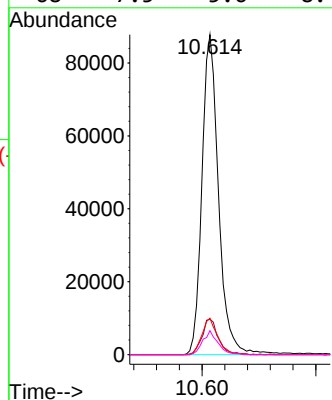
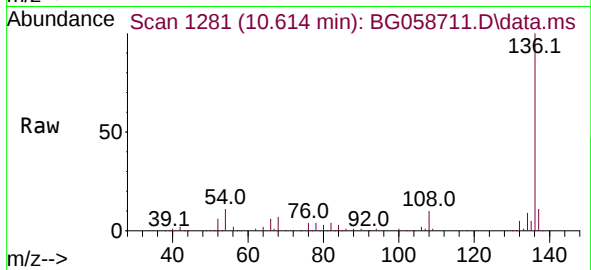




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG058711.D
Acq: 11 Aug 2023 20:47

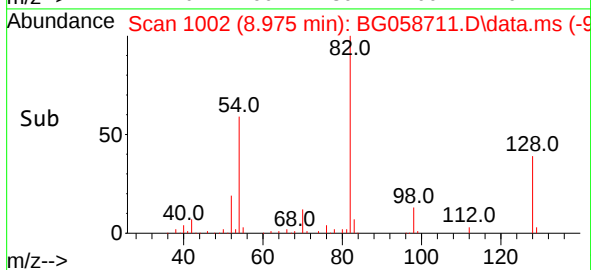
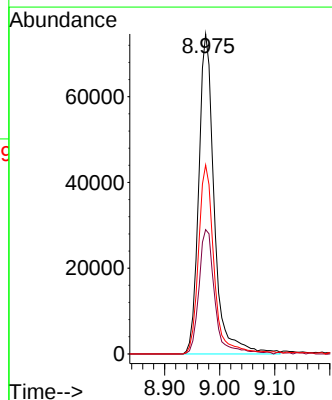
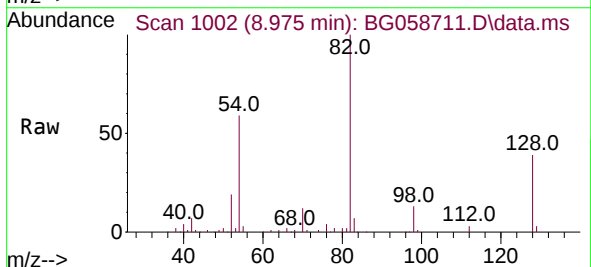
Instrument :
BNA_G
ClientSampleId :
B-PP02B

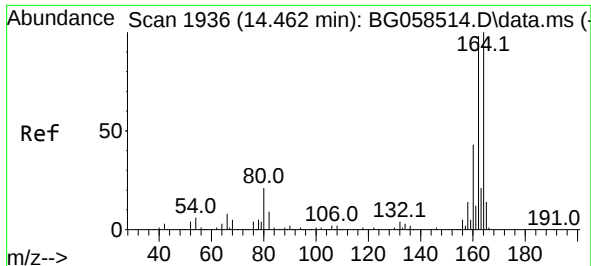
Tgt Ion:	136	Resp:	177439
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	11.4	8.9	13.3
68	7.5	5.6	8.4



#23
Nitrobenzene-d5
Concen: 40.574 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058711.D
Acq: 11 Aug 2023 20:47

Tgt Ion:	82	Resp:	146552
Ion Ratio	Lower	Upper	
82	100		
128	38.9	32.2	48.2
54	59.0	46.0	69.0

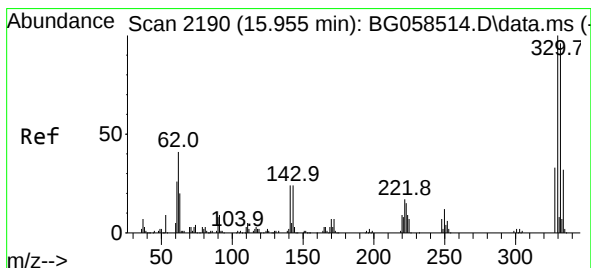
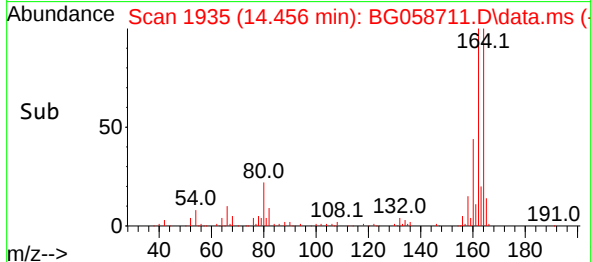
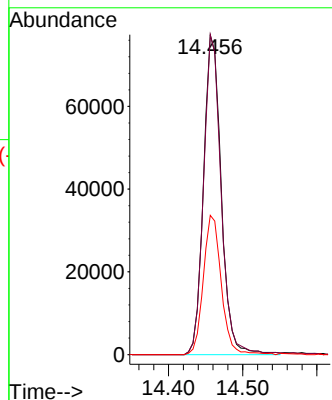
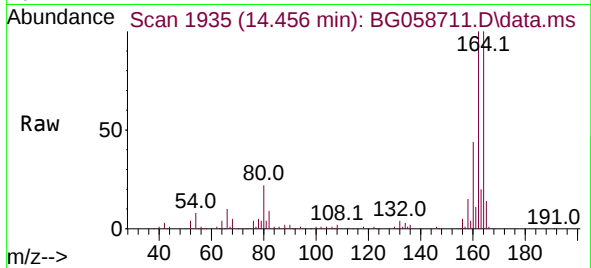




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.456 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BG058711.D
Acq: 11 Aug 2023 20:47

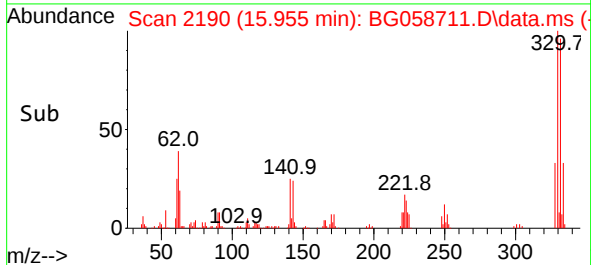
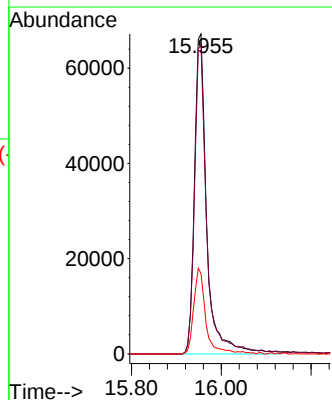
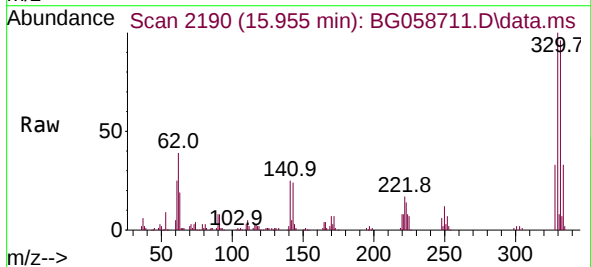
Instrument :
BNA_G
ClientSampleId :
B-PP02B

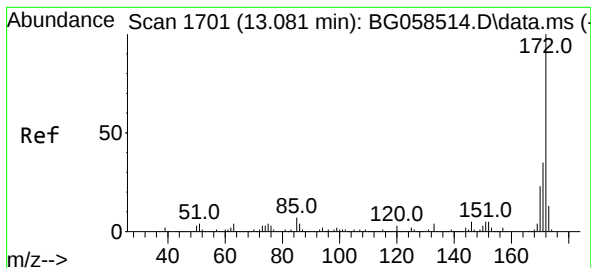
Tgt Ion:164 Resp: 128166
Ion Ratio Lower Upper
164 100
162 100.2 78.3 117.5
160 43.6 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 60.824 ng
RT: 15.955 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BG058711.D
Acq: 11 Aug 2023 20:47

Tgt Ion:330 Resp: 127775
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 25.7 20.7 31.1

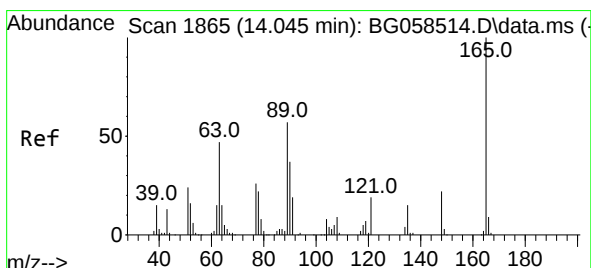
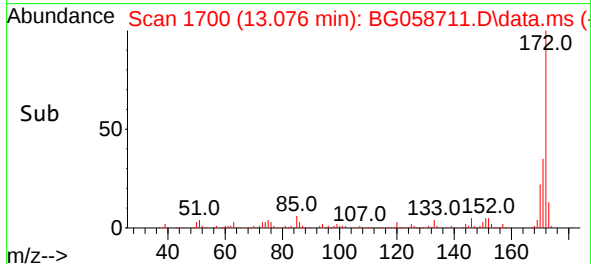
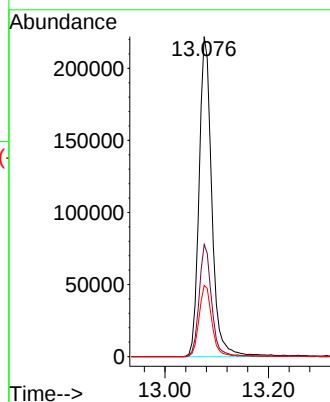
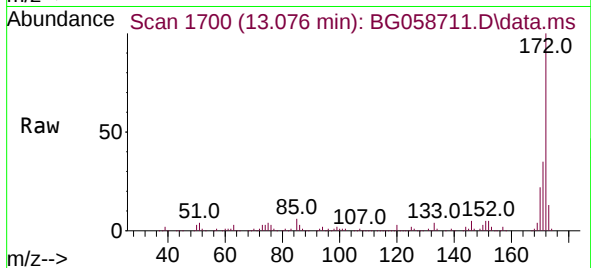




#45
2-Fluorobiphenyl
Concen: 44.272 ng
RT: 13.076 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG058711.D
Acq: 11 Aug 2023 20:47

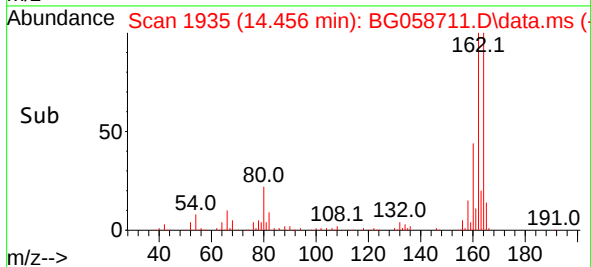
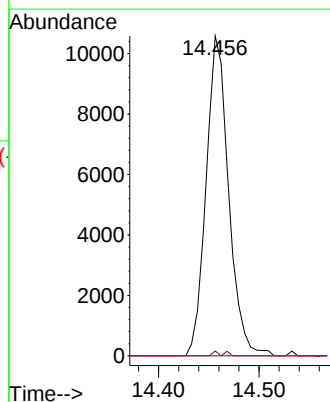
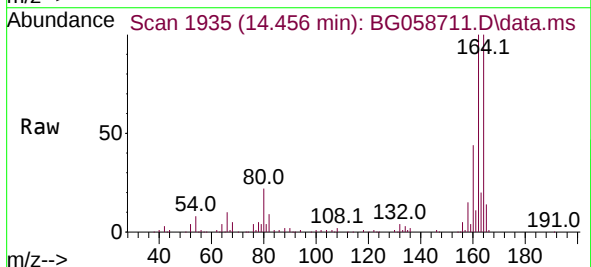
Instrument :
BNA_G
ClientSampleId :
B-PP02B

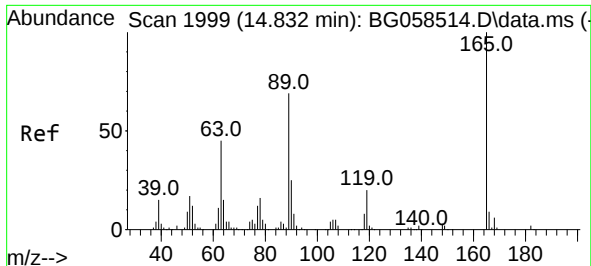
Tgt Ion:172 Resp: 378632
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 22.2 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.809 ng
RT: 14.456 min Scan# 1935
Delta R.T. 0.411 min
Lab File: BG058711.D
Acq: 11 Aug 2023 20:47

Tgt Ion:165 Resp: 16493
Ion Ratio Lower Upper
165 100
63 1.5 46.4 69.6#
89 0.0 45.3 67.9#

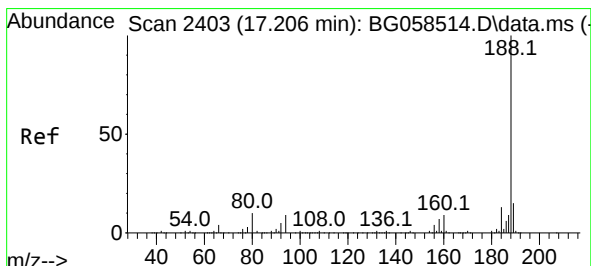
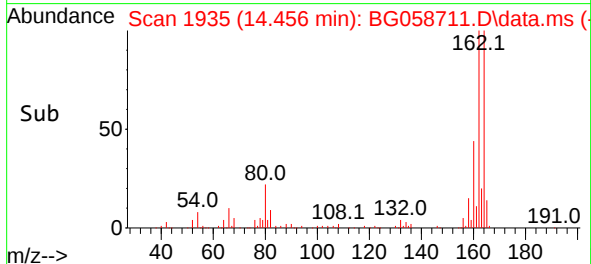
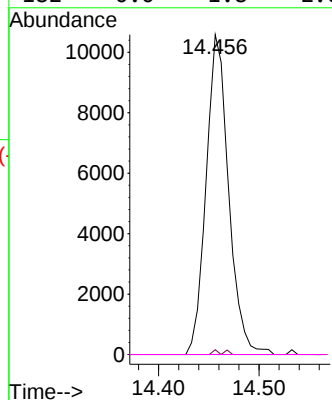
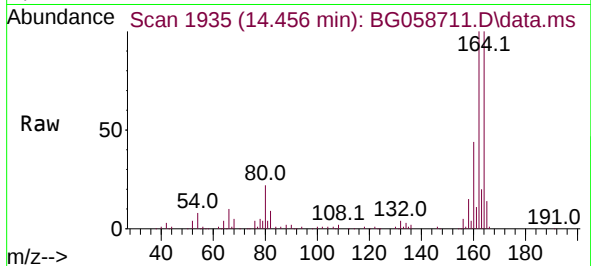




#57
2,4-Dinitrotoluene
Concen: 5.633 ng
RT: 14.456 min Scan# 1999
Delta R.T. -0.376 min
Lab File: BG058711.D
Acq: 11 Aug 2023 20:47

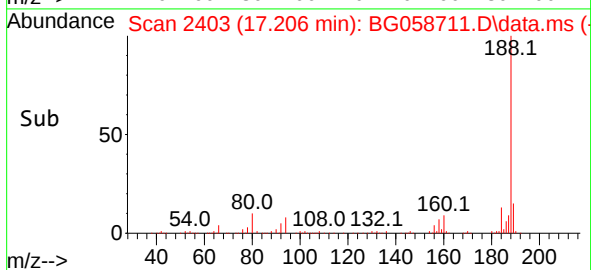
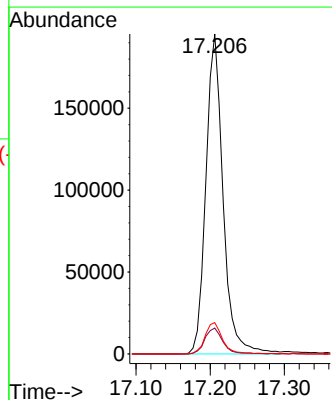
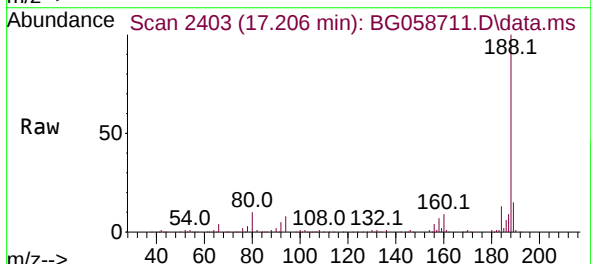
Instrument :
BNA_G
ClientSampleId :
B-PP02B

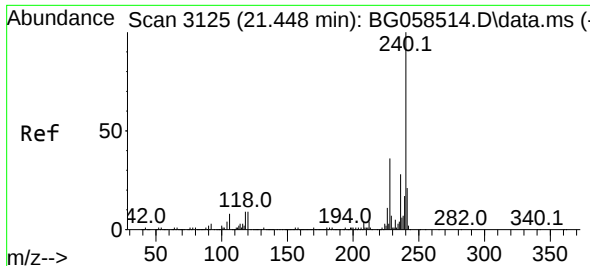
Tgt Ion:165 Resp: 16493
Ion Ratio Lower Upper
165 100
63 1.5 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058711.D
Acq: 11 Aug 2023 20:47

Tgt Ion:188 Resp: 313686
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 9.8 8.1 12.1

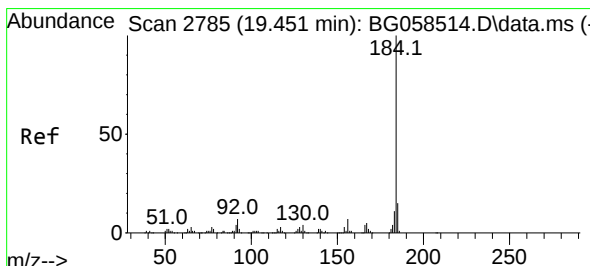
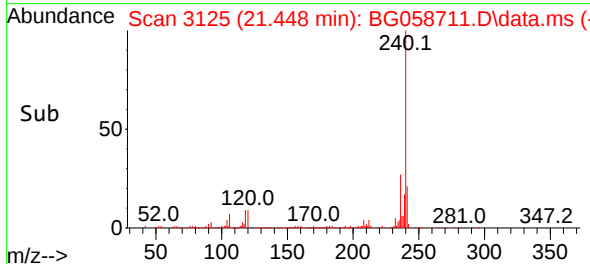
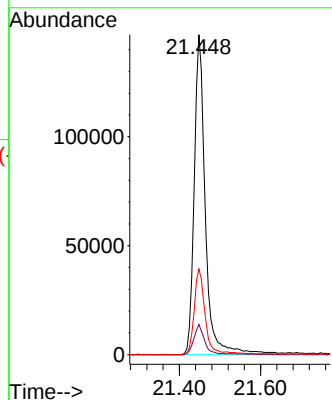
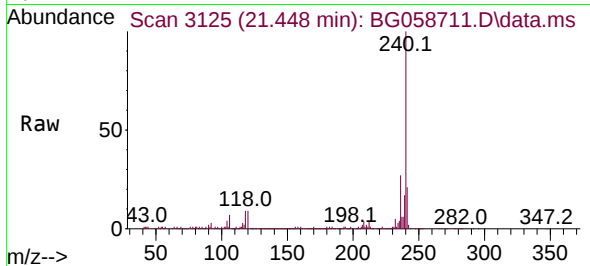




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG058711.D
Acq: 11 Aug 2023 20:47

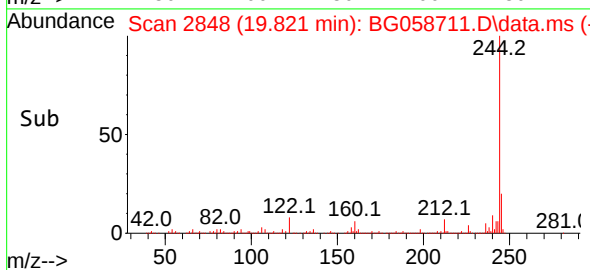
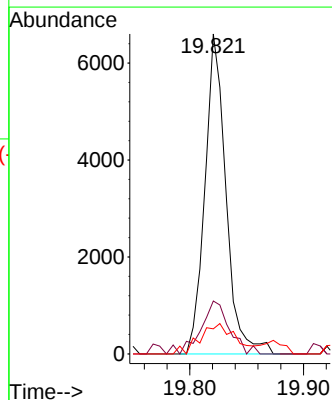
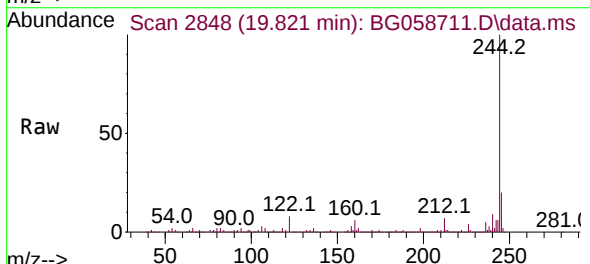
Instrument :
BNA_G
ClientSampleId :
B-PP02B

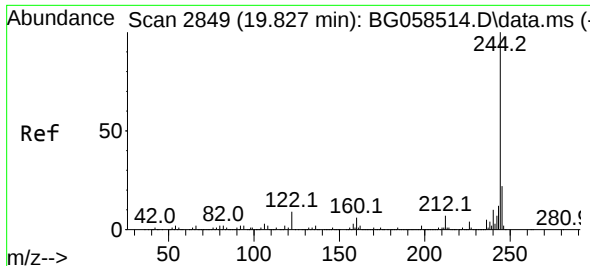
Tgt Ion:240 Resp: 278082
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 26.7 22.2 33.4



#77
Benzidine
Concen: 2.016 ng
RT: 19.821 min Scan# 2848
Delta R.T. 0.370 min
Lab File: BG058711.D
Acq: 11 Aug 2023 20:47

Tgt Ion:184 Resp: 8502
Ion Ratio Lower Upper
184 100
185 16.5 11.9 17.9
183 7.8 8.7 13.1#

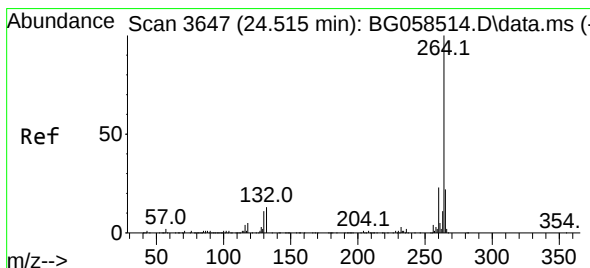
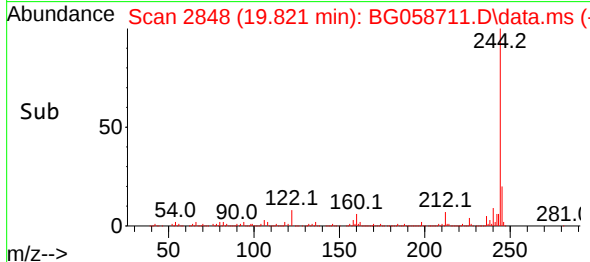
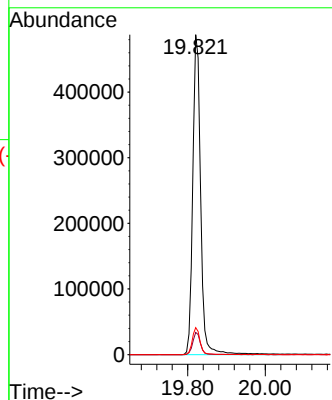
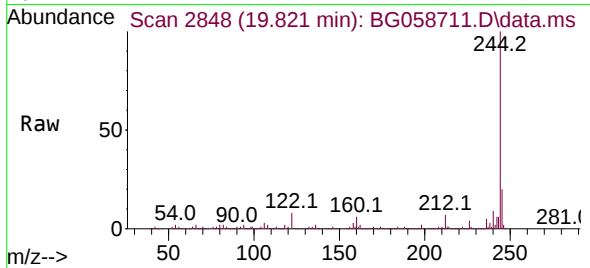




#79
 Terphenyl-d14
 Concen: 46.508 ng
 RT: 19.821 min Scan# 2848
 Delta R.T. -0.006 min
 Lab File: BG058711.D
 Acq: 11 Aug 2023 20:47

Instrument :
 BNA_G
 ClientSampleId :
 B-PP02B

Tgt Ion:244 Resp: 687736
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 8.4 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.527 min Scan# 3649
 Delta R.T. 0.012 min
 Lab File: BG058711.D
 Acq: 11 Aug 2023 20:47

Tgt Ion:264 Resp: 308614
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 22.1 17.9 26.9

