

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
 Data File : BG058640.D
 Acq On : 8 Aug 2023 13:01
 Operator : MA/JU
 Sample : 03917-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP04AB

Quant Time: Aug 09 04:09:56 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)

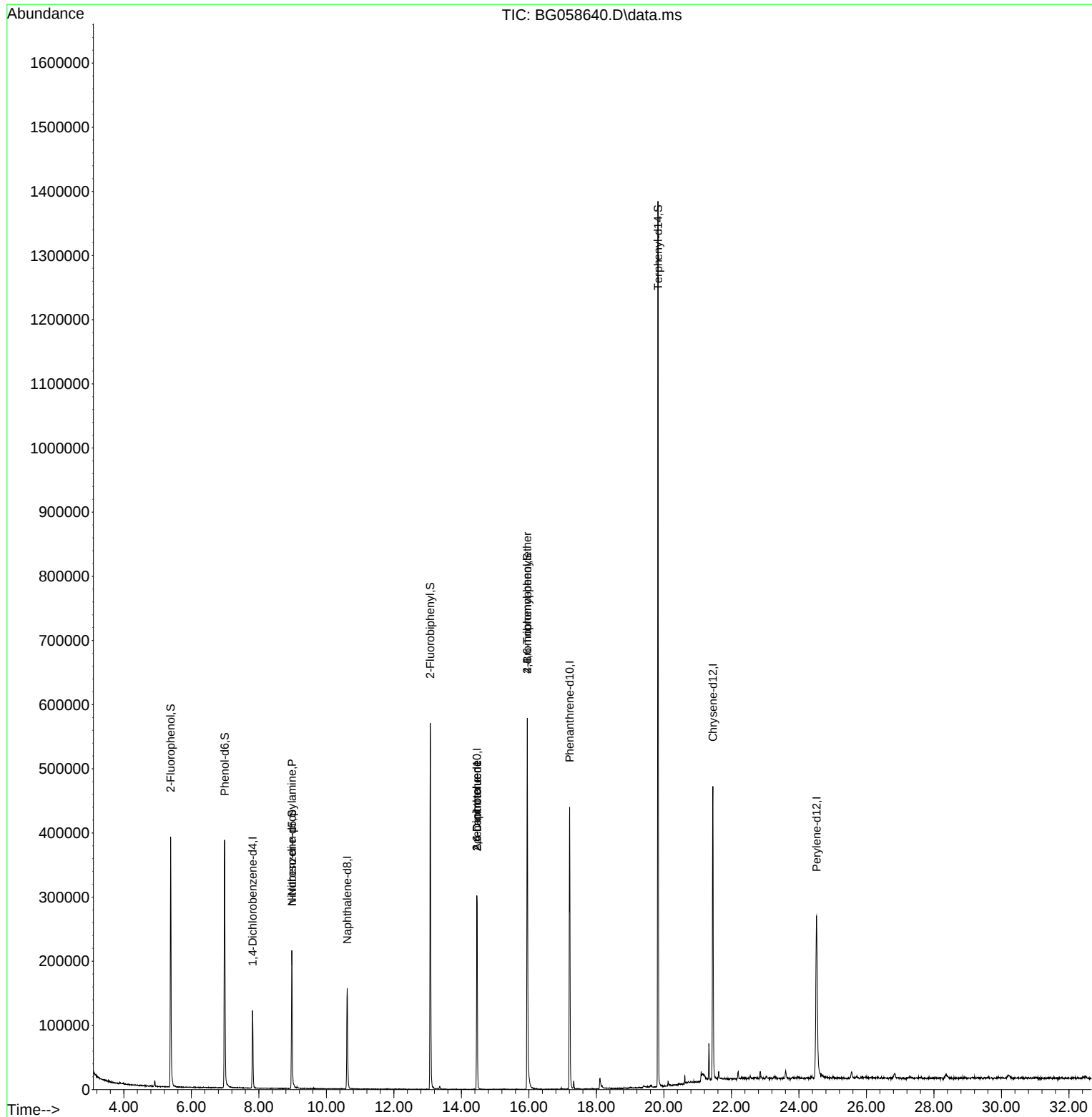
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	33884	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	147093	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	116078	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	315912	20.000	ng	0.00
76) Chrysene-d12	21.449	240	283881	20.000	ng	0.00
86) Perylene-d12	24.522	264	332289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	176025	79.402	ng	0.00
7) Phenol-d6	6.984	99	248219	80.467	ng	0.00
23) Nitrobenzene-d5	8.976	82	140946	47.072	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	139703	73.427	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	334897	43.236	ng	0.00
79) Terphenyl-d14	19.822	244	723984	47.959	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.976	70	17626	8.846	ng	# 82
51) 2,6-Dinitrotoluene	14.458	165	15342	8.021	ng	# 22
57) 2,4-Dinitrotoluene	14.458	165	15342	5.785	ng	# 23
67) 4-Bromophenyl-phenylether	15.950	248	8380	2.339	ng	# 1

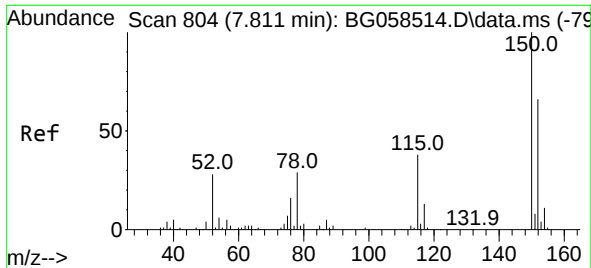
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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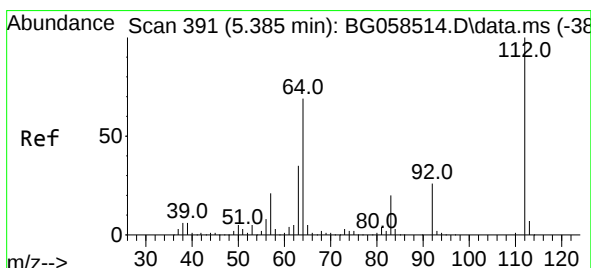
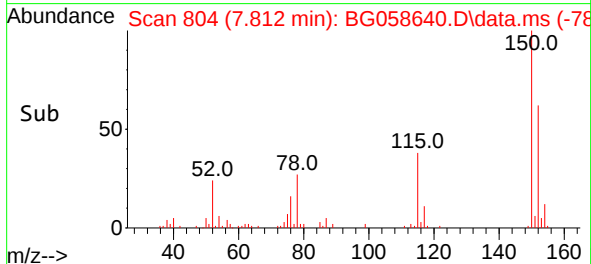
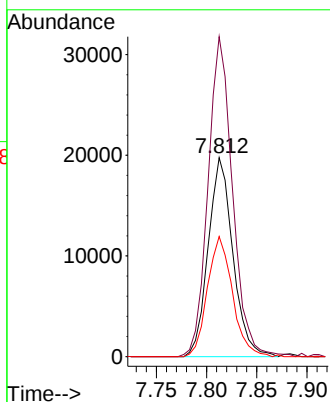
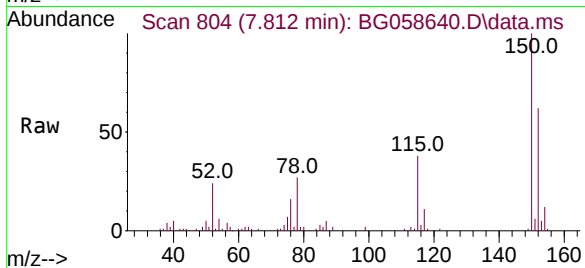




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058640.D
Acq: 8 Aug 2023 13:01

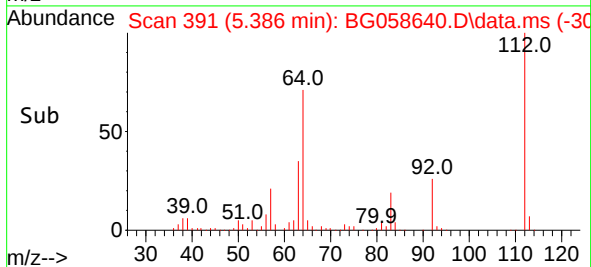
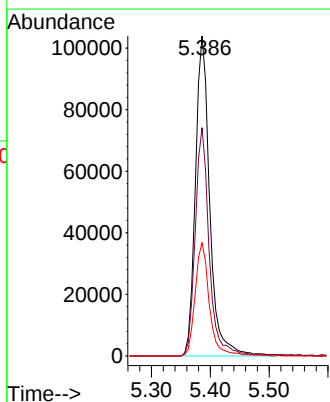
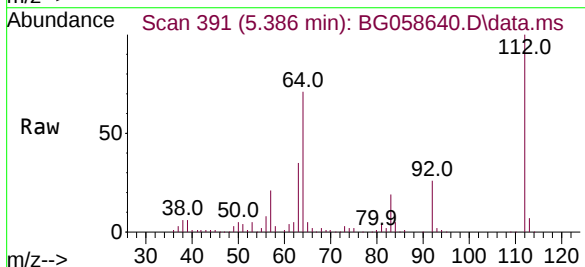
Instrument :
BNA_G
ClientSampleId :
B-PP04AB

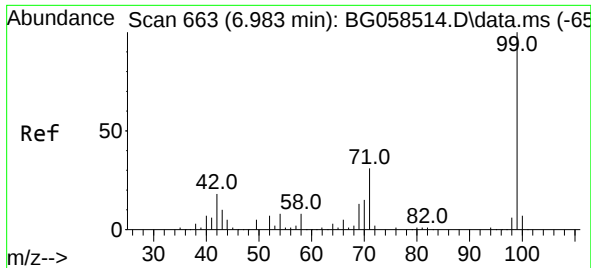
Tgt Ion:152 Resp: 33884
Ion Ratio Lower Upper
152 100
150 160.8 120.5 180.7
115 60.3 45.9 68.9



#5
2-Fluorophenol
Concen: 79.402 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058640.D
Acq: 8 Aug 2023 13:01

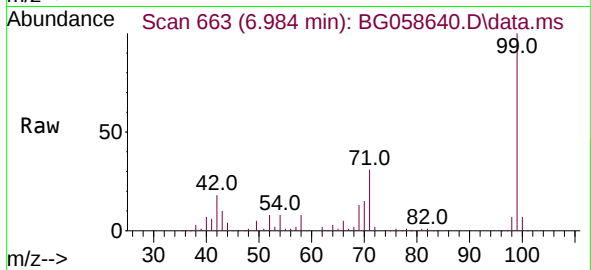
Tgt Ion:112 Resp: 176025
Ion Ratio Lower Upper
112 100
64 71.3 55.3 82.9
63 35.3 28.3 42.5



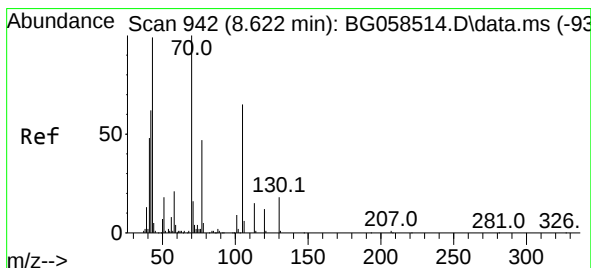
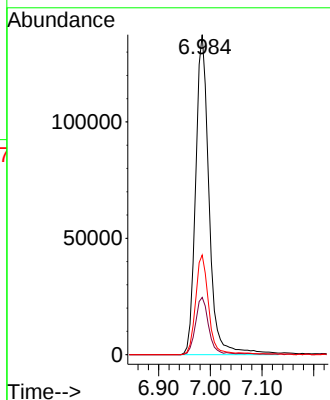
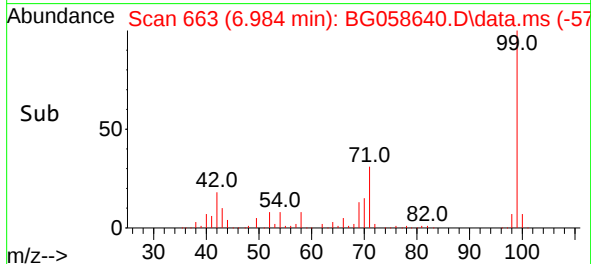


#7
Phenol-d6
Concen: 80.467 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058640.D
Acq: 8 Aug 2023 13:01

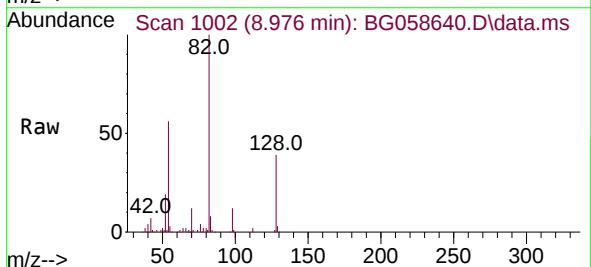
Instrument :
BNA_G
ClientSampleId :
B-PP04AB



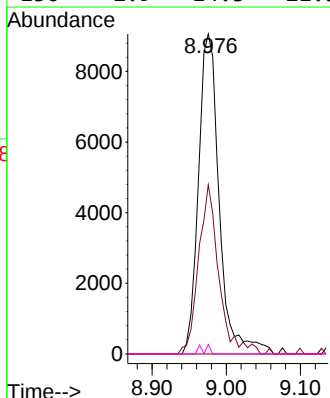
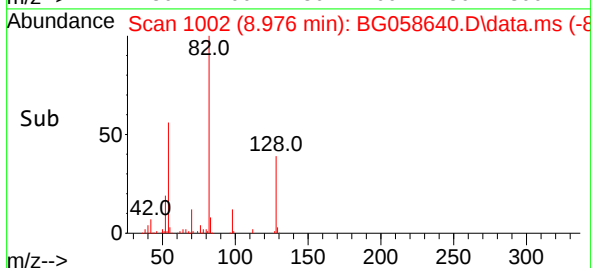
Tgt Ion: 99 Resp: 248219
Ion Ratio Lower Upper
99 100
42 17.9 14.6 21.8
71 31.1 25.0 37.4

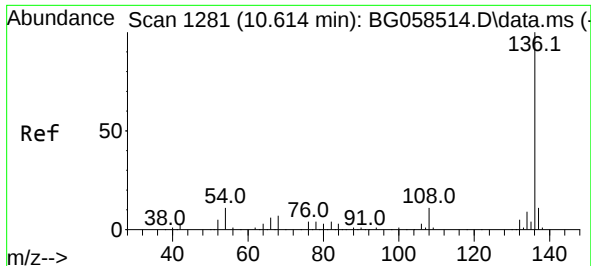


#19
n-Nitroso-di-n-propylamine
Concen: 8.846 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.354 min
Lab File: BG058640.D
Acq: 8 Aug 2023 13:01



Tgt Ion: 70 Resp: 17626
Ion Ratio Lower Upper
70 100
42 52.8 49.7 74.5
101 0.0 7.0 10.4#
130 2.9 14.3 21.5#



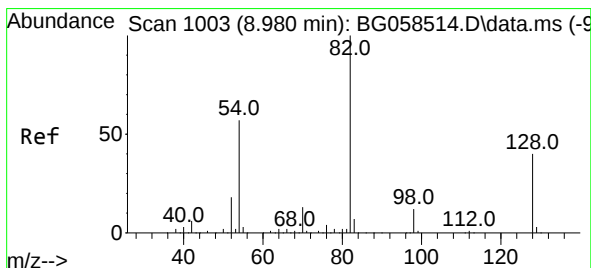
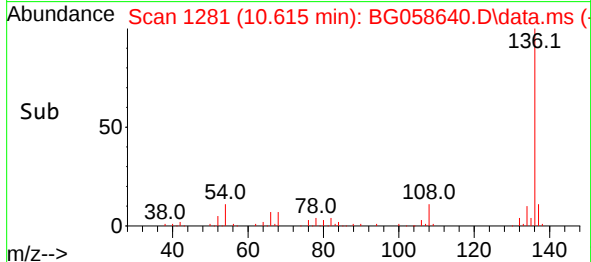
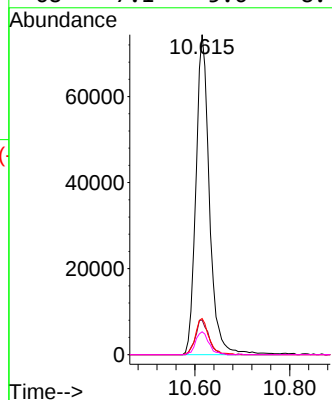
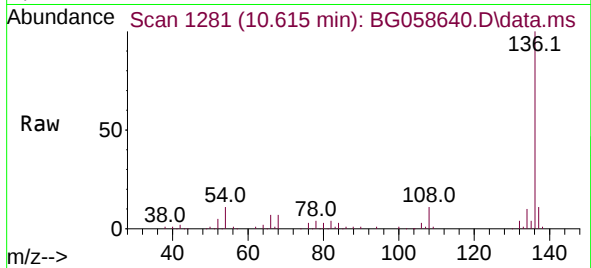


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058640.D
Acq: 8 Aug 2023 13:01

Instrument :
BNA_G
ClientSampleId :
B-PP04AB

Tgt Ion:136 Resp: 147093

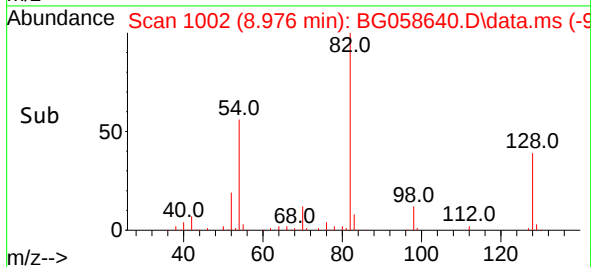
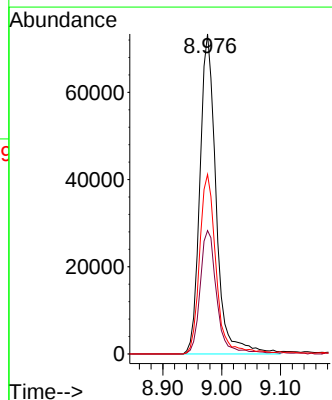
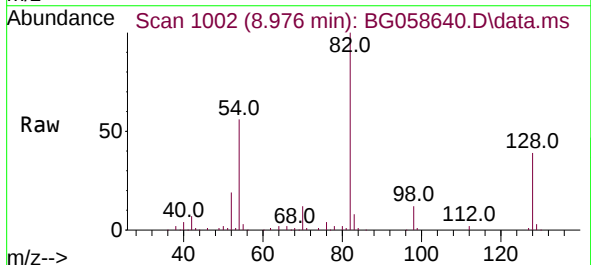
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	11.3	8.9	13.3
68	7.1	5.6	8.4

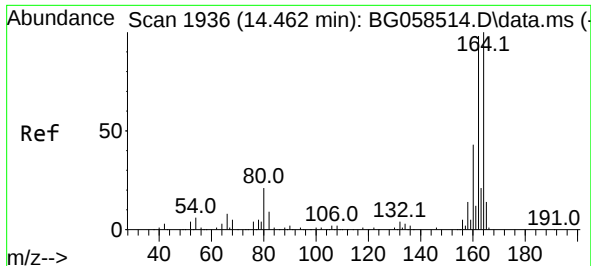


#23
Nitrobenzene-d5
Concen: 47.072 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058640.D
Acq: 8 Aug 2023 13:01

Tgt Ion: 82 Resp: 140946

Ion	Ratio	Lower	Upper
82	100		
128	38.5	32.2	48.2
54	56.1	46.0	69.0

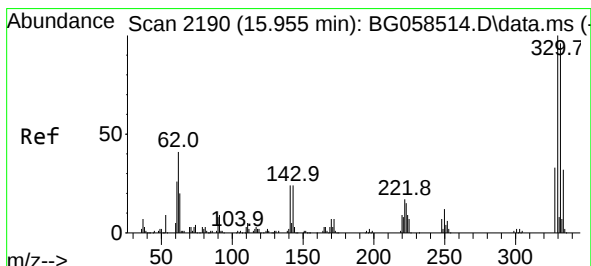
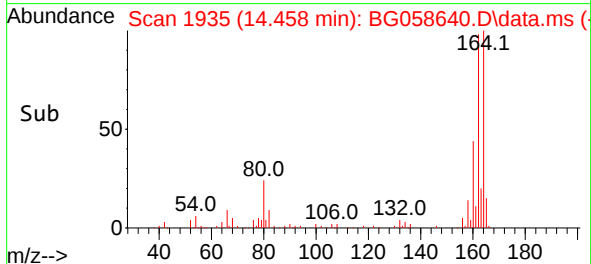
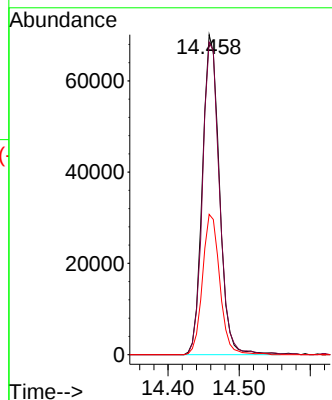
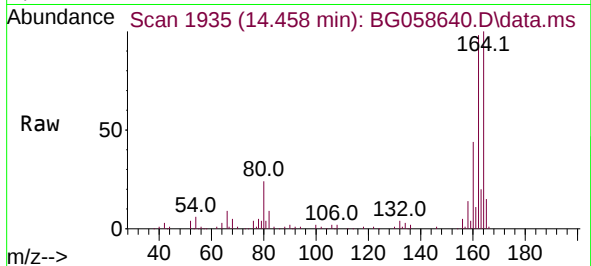




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG058640.D
Acq: 8 Aug 2023 13:01

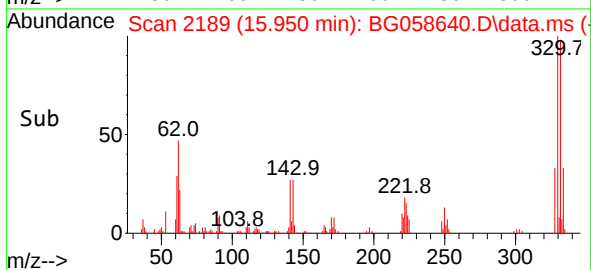
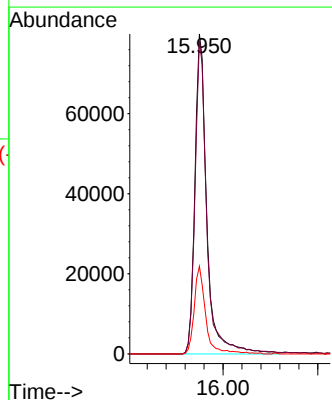
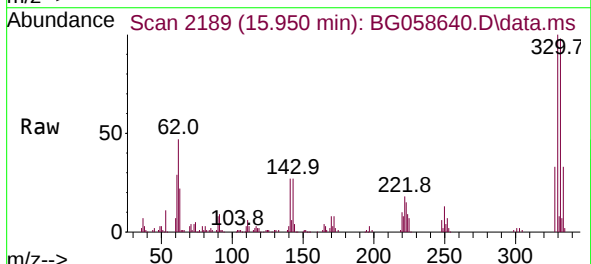
Instrument :
BNA_G
ClientSampleId :
B-PP04AB

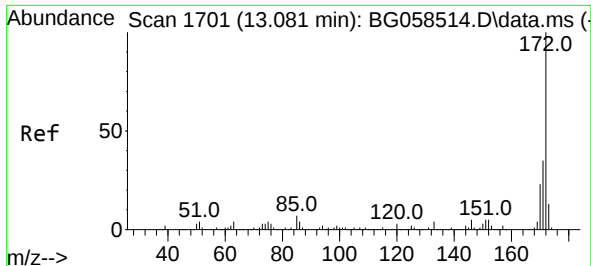
Tgt Ion:164 Resp: 116078
Ion Ratio Lower Upper
164 100
162 97.6 78.3 117.5
160 43.8 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 73.427 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG058640.D
Acq: 8 Aug 2023 13:01

Tgt Ion:330 Resp: 139703
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 26.4 20.7 31.1

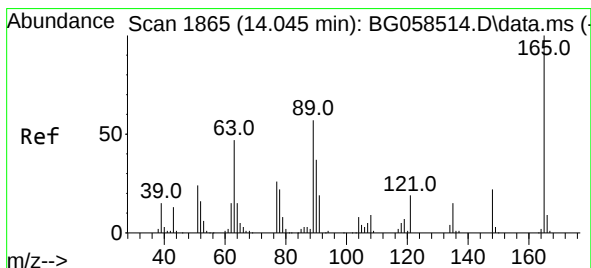
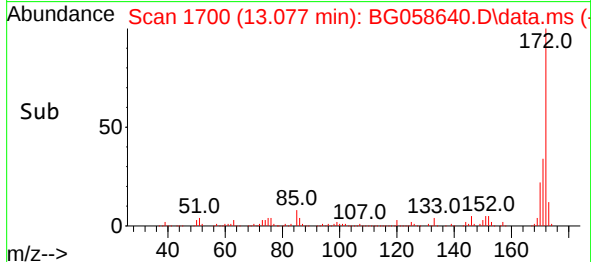
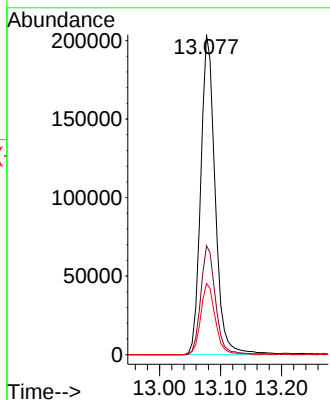
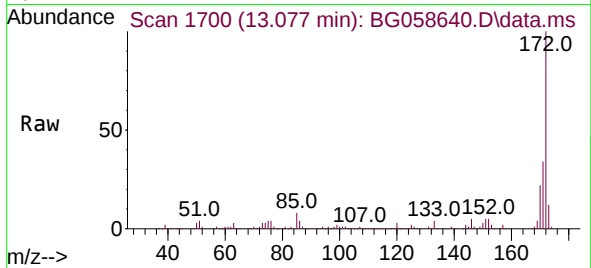




#45
2-Fluorobiphenyl
Concen: 43.236 ng
RT: 13.077 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058640.D
Acq: 8 Aug 2023 13:01

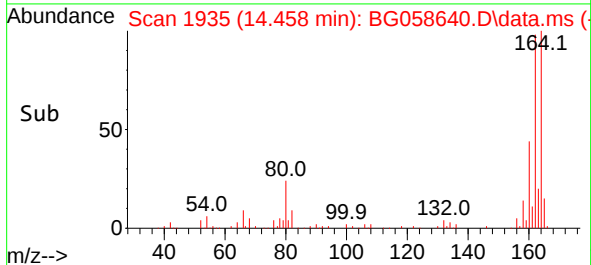
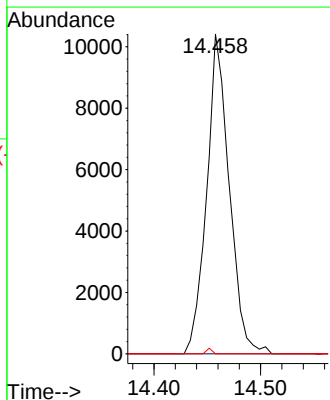
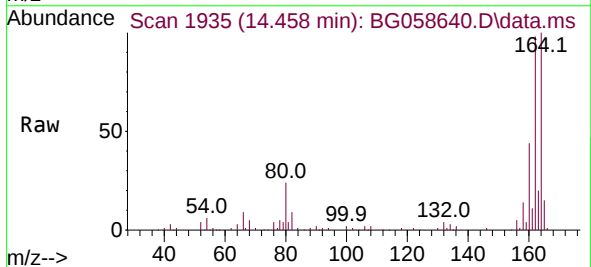
Instrument :
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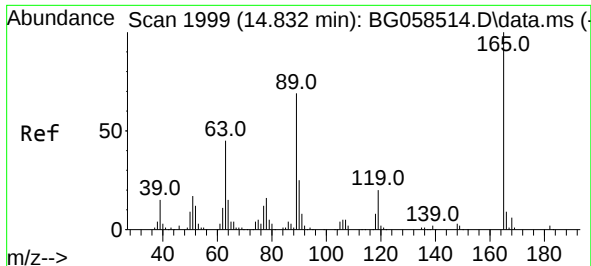
Tgt Ion:172 Resp: 334897
Ion Ratio Lower Upper
172 100
171 34.0 28.0 42.0
170 22.2 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 8.021 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.413 min
Lab File: BG058640.D
Acq: 8 Aug 2023 13:01

Tgt Ion:165 Resp: 15342
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 45.3 67.9#

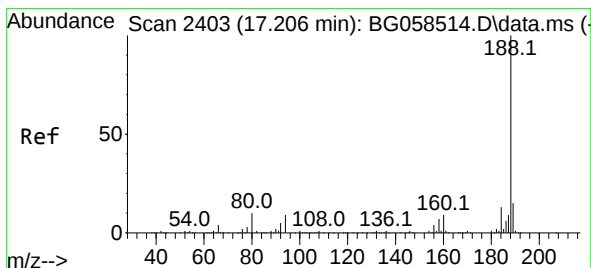
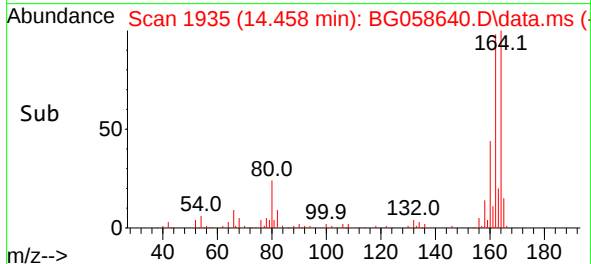
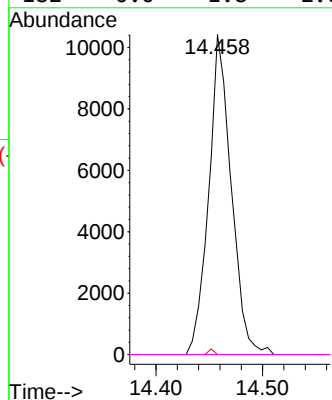
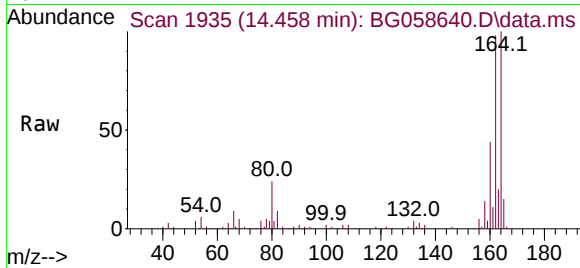




#57
2,4-Dinitrotoluene
Concen: 5.785 ng
RT: 14.458 min Scan# 1999
Delta R.T. -0.374 min
Lab File: BG058640.D
Acq: 8 Aug 2023 13:01

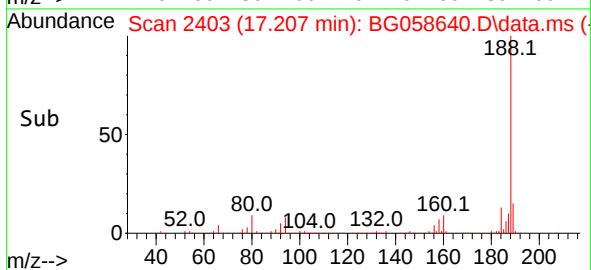
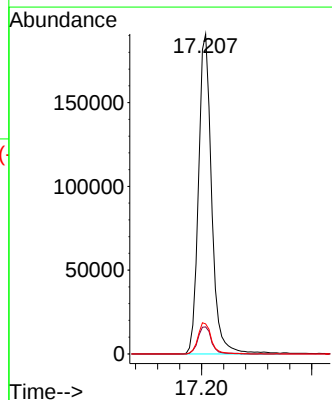
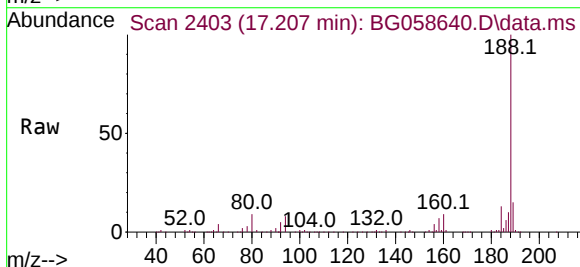
Instrument :
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B-PP04AB

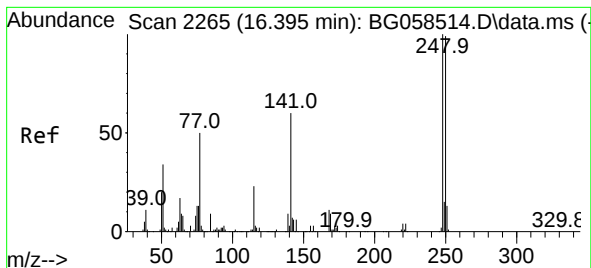
Tgt Ion:165 Resp: 15342
Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058640.D
Acq: 8 Aug 2023 13:01

Tgt Ion:188 Resp: 315912
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.4 8.1 12.1

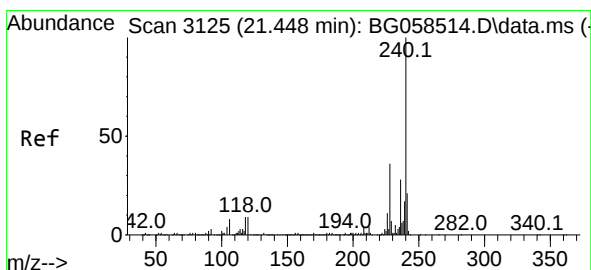
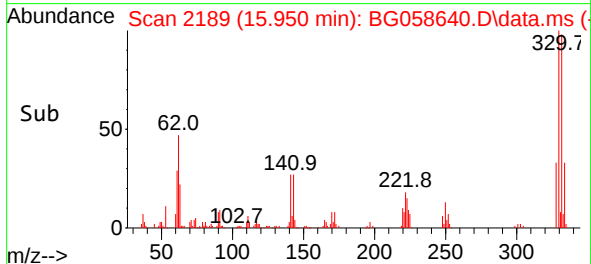
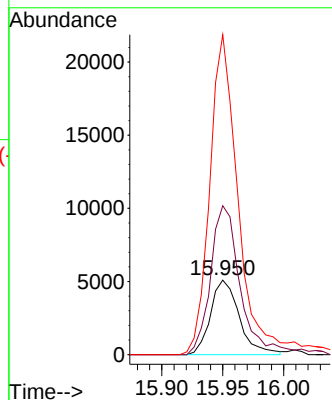
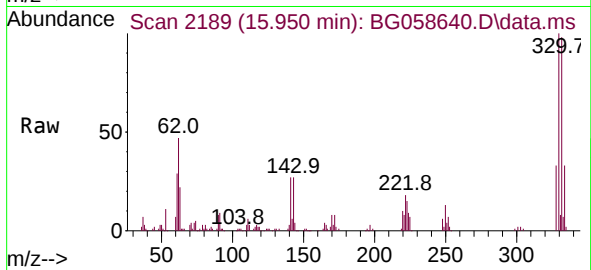




#67
4-Bromophenyl-phenylether
Concen: 2.339 ng
RT: 15.950 min Scan# 2119
Delta R.T. -0.445 min
Lab File: BG058640.D
Acq: 8 Aug 2023 13:01

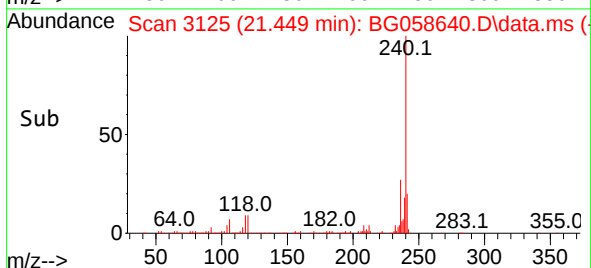
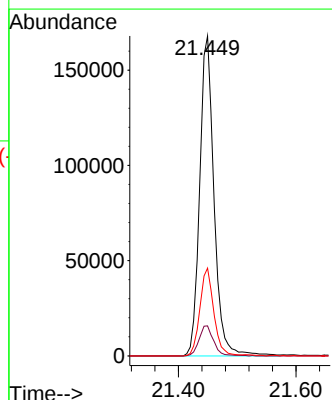
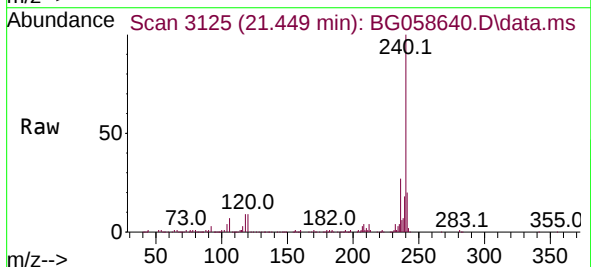
Instrument :
BNA_G
ClientSampleId :
B-PP04AB

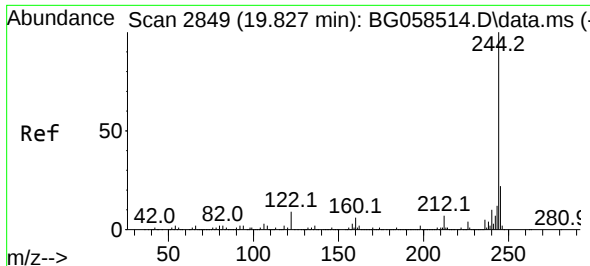
Tgt Ion:248 Resp: 8380
Ion Ratio Lower Upper
248 100
250 199.7 79.5 119.3#
141 429.4 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058640.D
Acq: 8 Aug 2023 13:01

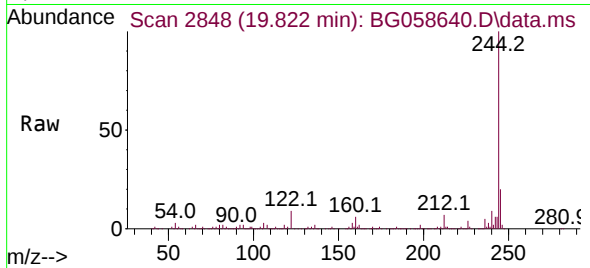
Tgt Ion:240 Resp: 283881
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 27.4 22.2 33.4



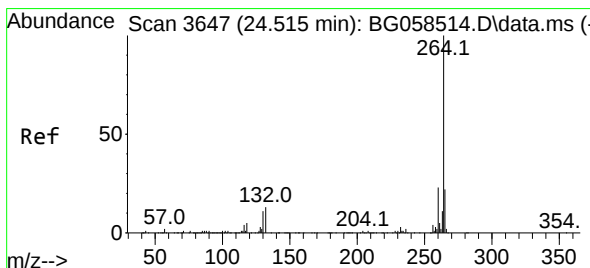
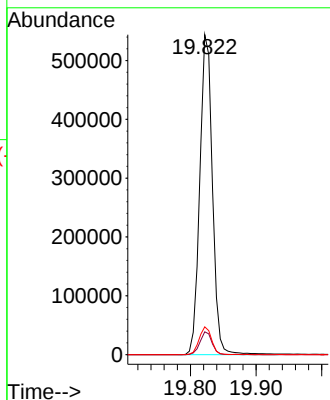
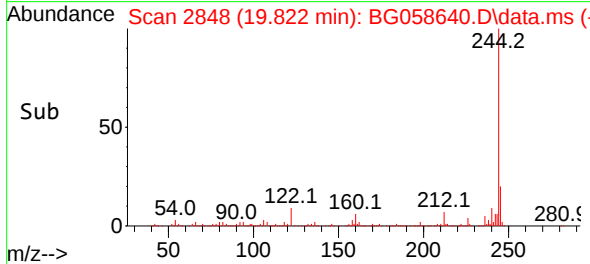


#79
 Terphenyl-d14
 Concen: 47.959 ng
 RT: 19.822 min Scan# 2849
 Delta R.T. -0.005 min
 Lab File: BG058640.D
 Acq: 8 Aug 2023 13:01

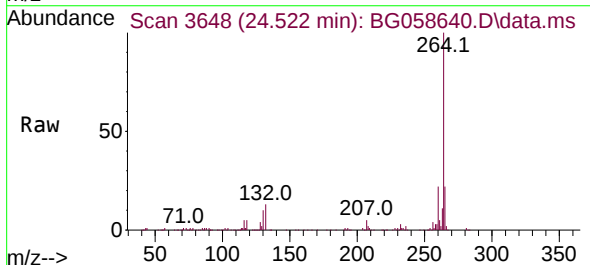
Instrument :
 BNA_G
 ClientSampleId :
 B-PP04AB



Tgt Ion:244 Resp: 723984
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.7 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.522 min Scan# 3648
 Delta R.T. 0.007 min
 Lab File: BG058640.D
 Acq: 8 Aug 2023 13:01



Tgt Ion:264 Resp: 332289
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.4 27.6
 265 21.5 17.9 26.9

