

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
 Data File : BG058873.D
 Acq On : 28 Aug 2023 14:40
 Operator : MA/JU
 Sample : 04188-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-7

Quant Time: Aug 29 01:12:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 27 03:38:58 2023
 Response via : Initial Calibration

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

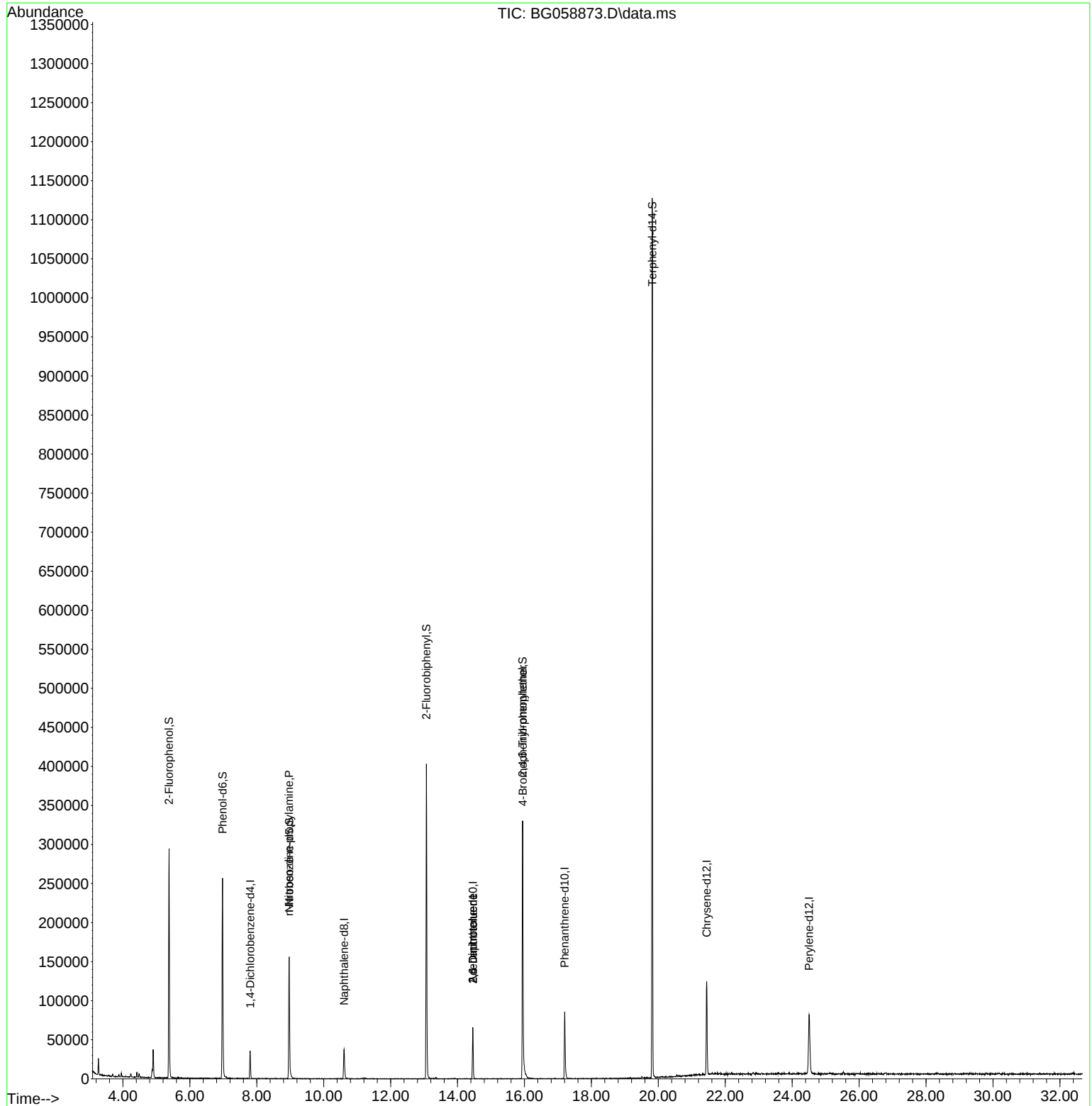
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	10332	20.000	ng	-0.02
21) Naphthalene-d8	10.608	136	39327	20.000	ng	-0.02
39) Acenaphthene-d10	14.457	164	27111	20.000	ng	-0.02
64) Phenanthrene-d10	17.200	188	74158	20.000	ng	-0.02
76) Chrysene-d12	21.442	240	84215	20.000	ng	-0.02
86) Perylene-d12	24.504	264	98602	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	117921	183.668	ng	-0.02
7) Phenol-d6	6.977	99	141744	157.356	ng	-0.03
23) Nitrobenzene-d5	8.969	82	99457	121.587	ng	-0.03
42) 2,4,6-Tribromophenol	15.943	330	87224	205.187	ng	-0.03
45) 2-Fluorobiphenyl	13.070	172	233213	125.115	ng	-0.03
79) Terphenyl-d14	19.815	244	602825	128.531	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.963	70	12919	22.187	ng	Qvalue # 73
51) 2,6-Dinitrotoluene	14.457	165	3293	7.467	ng	# 22
57) 2,4-Dinitrotoluene	14.457	165	3293	5.354	ng	# 19
67) 4-Bromophenyl-phenylether	15.949	248	4784	5.879	ng	# 1

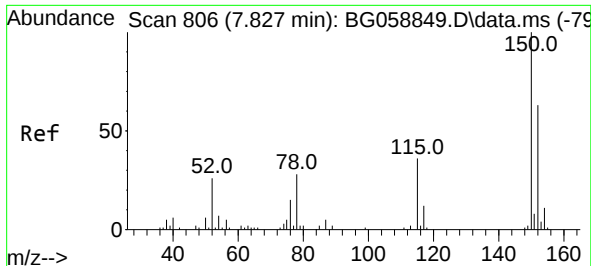
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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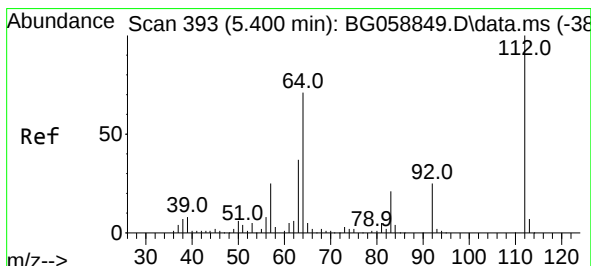
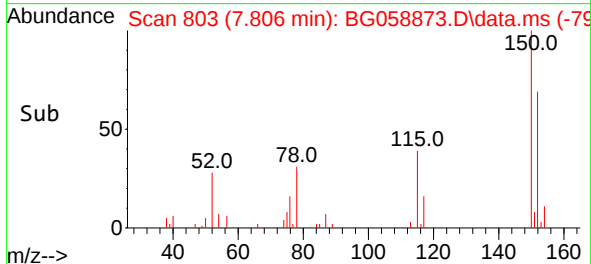
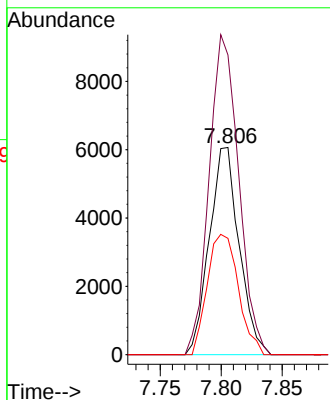
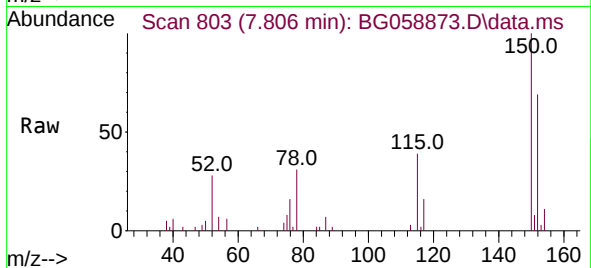




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 80
Delta R.T. -0.021 min
Lab File: BG058873.D
Acq: 28 Aug 2023 14:40

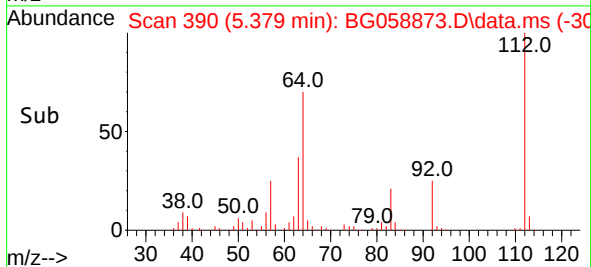
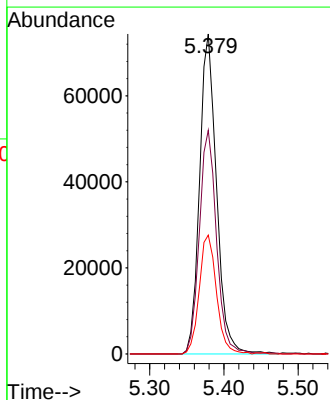
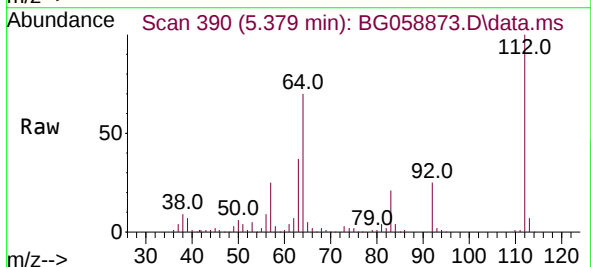
Instrument :
BNA_G
ClientSampleId :
WC-7

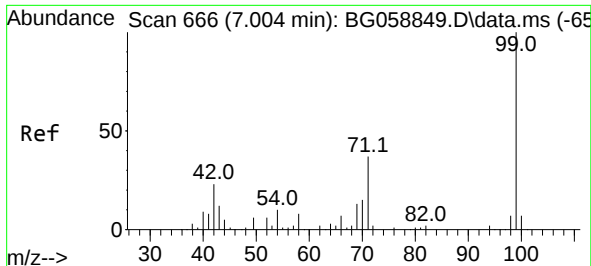
Tgt Ion:152 Resp: 10332
Ion Ratio Lower Upper
152 100
150 144.6 128.6 192.8
115 56.1 50.4 75.6



#5
2-Fluorophenol
Concen: 183.668 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.021 min
Lab File: BG058873.D
Acq: 28 Aug 2023 14:40

Tgt Ion:112 Resp: 117921
Ion Ratio Lower Upper
112 100
64 69.9 60.6 90.8
63 37.1 31.0 46.4

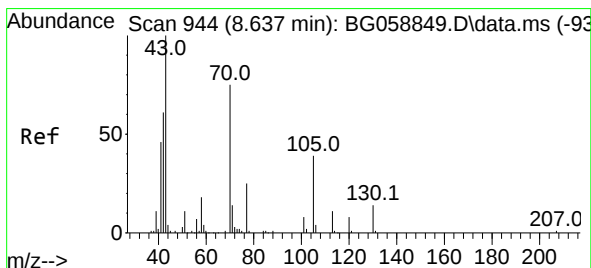
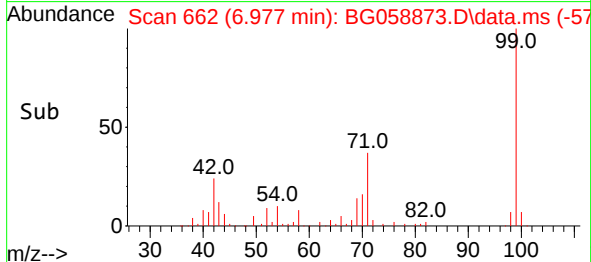
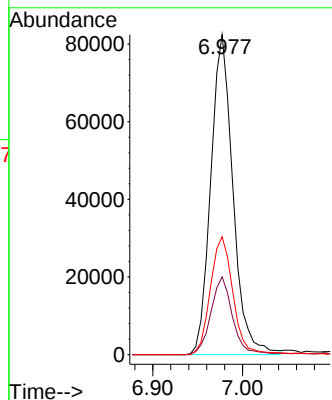
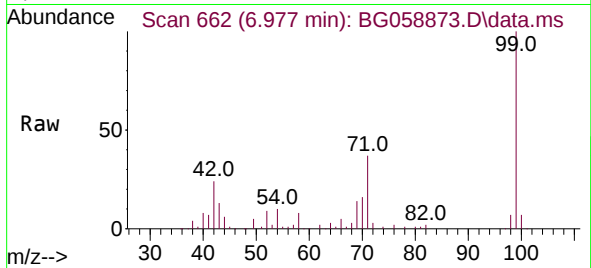




#7
Phenol-d6
Concen: 157.356 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.027 min
Lab File: BG058873.D
Acq: 28 Aug 2023 14:40

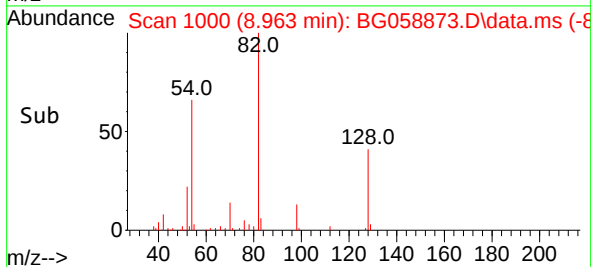
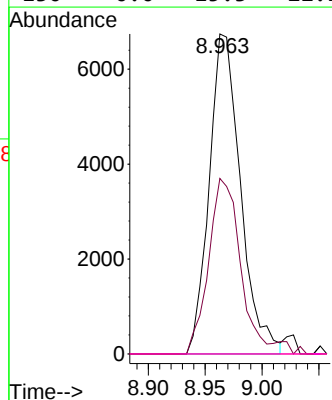
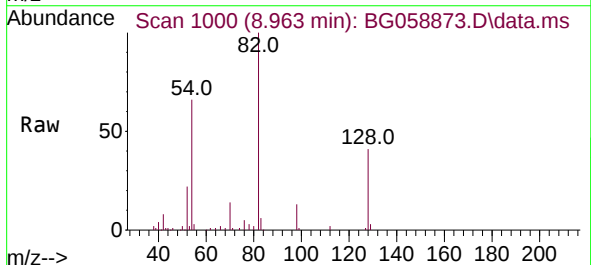
Instrument :
BNA_G
ClientSampleId :
WC-7

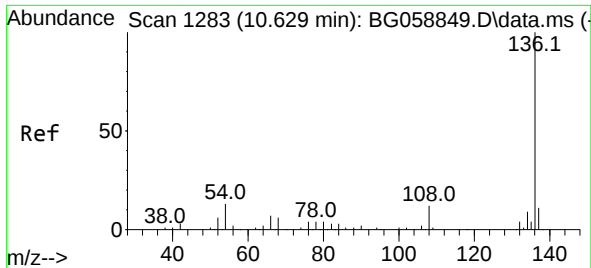
Tgt Ion: 99 Resp: 141744
Ion Ratio Lower Upper
99 100
42 24.3 16.5 24.7
71 36.8 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 22.187 ng
RT: 8.963 min Scan# 1000
Delta R.T. 0.325 min
Lab File: BG058873.D
Acq: 28 Aug 2023 14:40

Tgt Ion: 70 Resp: 12919
Ion Ratio Lower Upper
70 100
42 54.8 59.2 88.8#
101 0.0 8.2 12.2#
130 0.0 15.3 22.9#

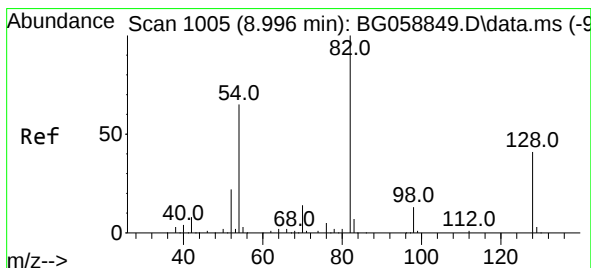
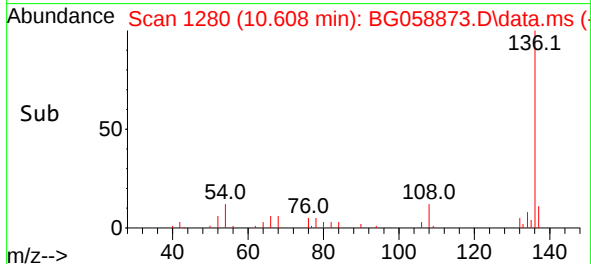
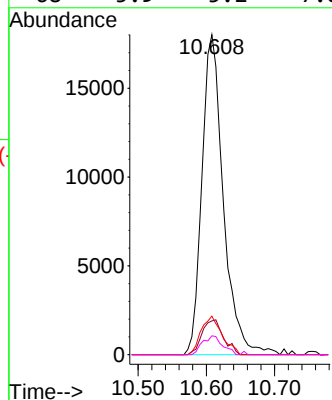
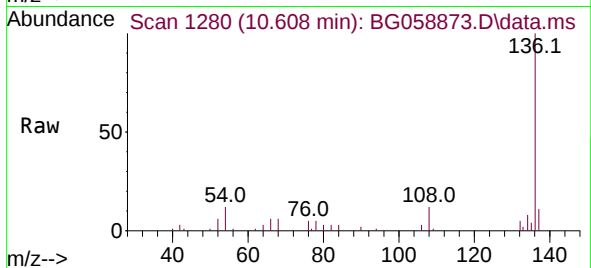




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 11
Delta R.T. -0.021 min
Lab File: BG058873.D
Acq: 28 Aug 2023 14:40

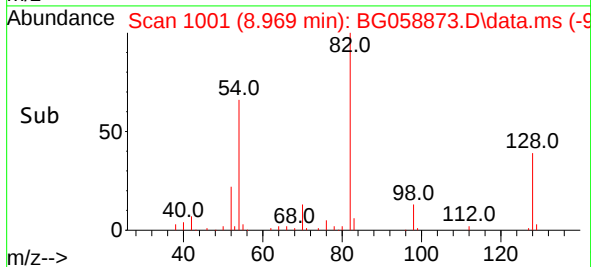
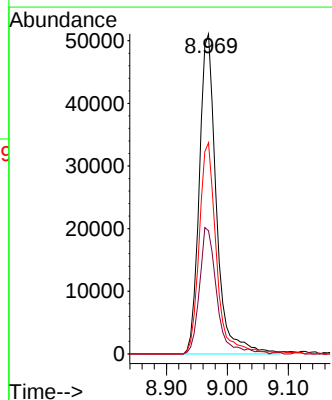
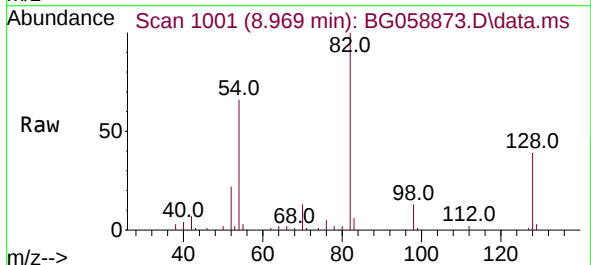
Instrument :
BNA_G
ClientSampleId :
WC-7

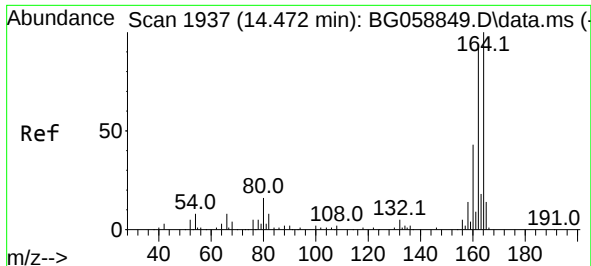
Tgt Ion:136	Resp:	39327
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.7 13.1
54	12.0	10.1 15.1
68	5.9	5.2 7.8



#23
Nitrobenzene-d5
Concen: 121.587 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.027 min
Lab File: BG058873.D
Acq: 28 Aug 2023 14:40

Tgt Ion: 82	Resp:	99457
Ion Ratio	Lower	Upper
82	100	
128	38.5	33.2 49.8
54	66.0	51.2 76.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 19

Delta R.T. -0.015 min

Lab File: BG058873.D

Acq: 28 Aug 2023 14:40

Instrument :

BNA_G

ClientSampleId :

WC-7

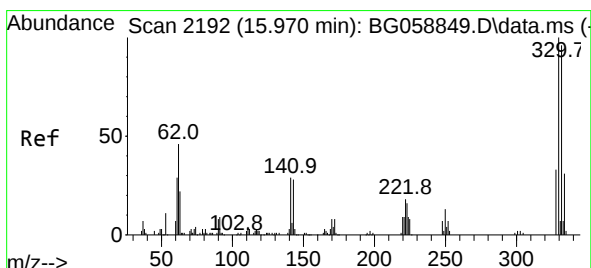
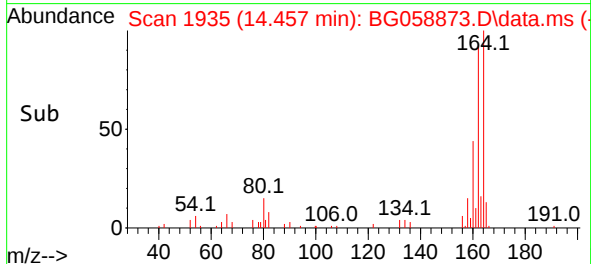
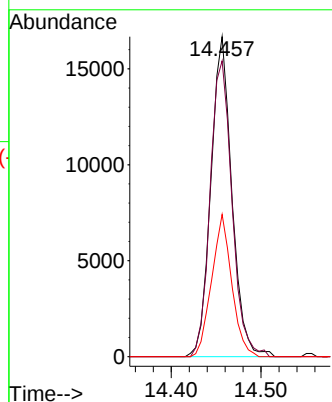
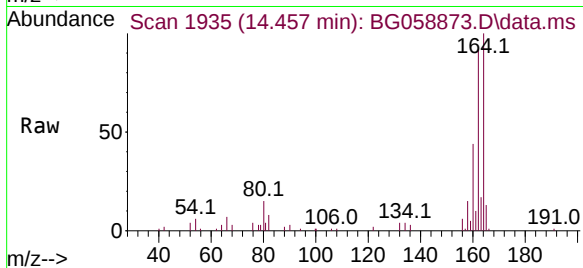
Tgt Ion:164 Resp: 27111

Ion Ratio Lower Upper

164 100

162 92.4 79.6 119.4

160 44.4 34.0 51.0



#42

2,4,6-Tribromophenol

Concen: 205.187 ng

RT: 15.943 min Scan# 2188

Delta R.T. -0.027 min

Lab File: BG058873.D

Acq: 28 Aug 2023 14:40

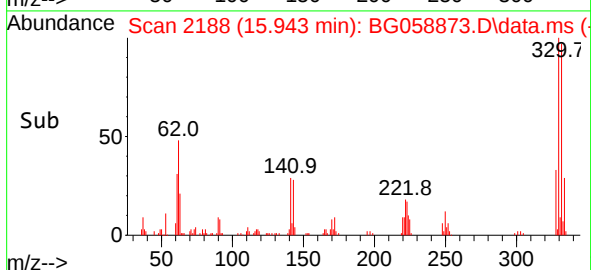
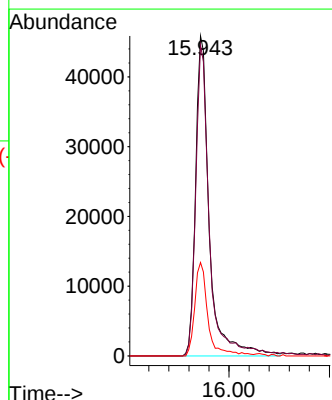
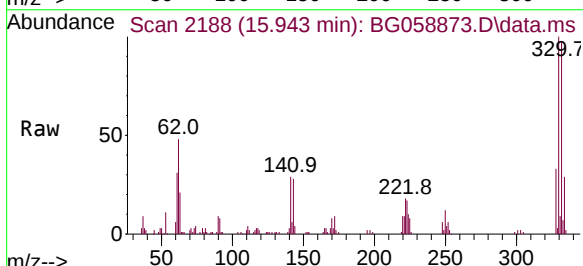
Tgt Ion:330 Resp: 87224

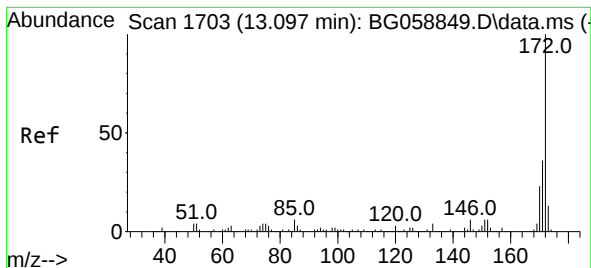
Ion Ratio Lower Upper

330 100

332 97.4 78.5 117.7

141 27.9 23.0 34.6





#45

2-Fluorobiphenyl

Concen: 125.115 ng

RT: 13.070 min Scan# 1699

Delta R.T. -0.027 min

Lab File: BG058873.D

Acq: 28 Aug 2023 14:40

Instrument :

BNA_G

ClientSampleId :

WC-7

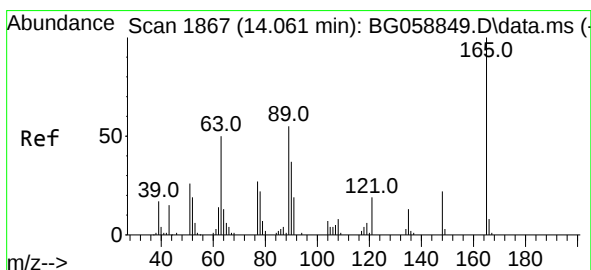
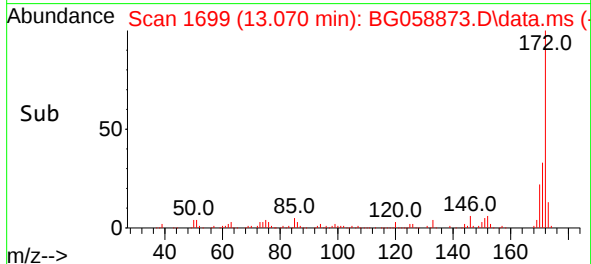
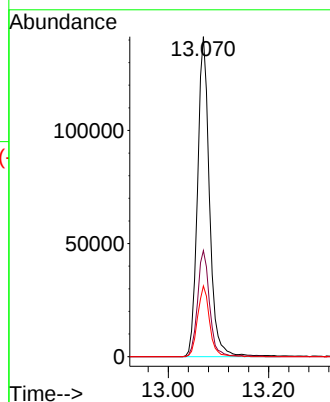
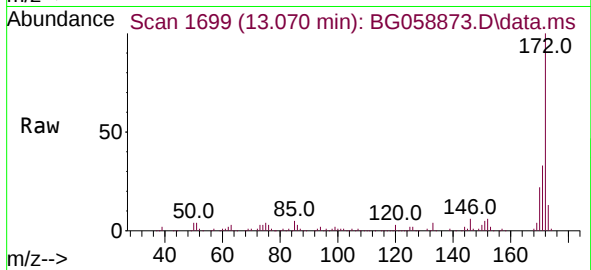
Tgt Ion:172 Resp: 233213

Ion Ratio Lower Upper

172 100

171 33.1 28.1 42.1

170 22.1 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 7.467 ng

RT: 14.457 min Scan# 1935

Delta R.T. 0.396 min

Lab File: BG058873.D

Acq: 28 Aug 2023 14:40

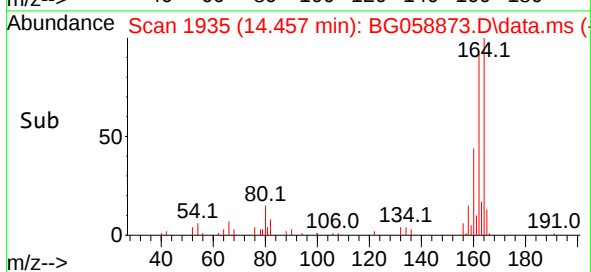
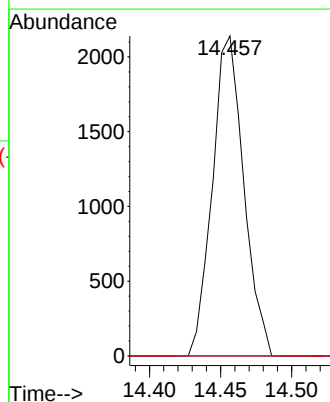
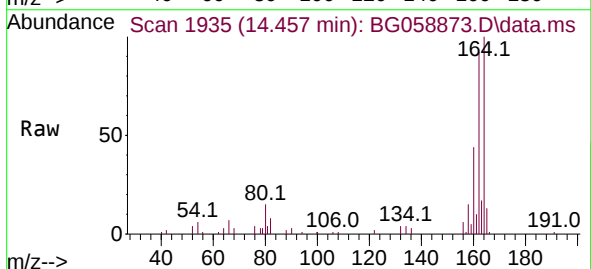
Tgt Ion:165 Resp: 3293

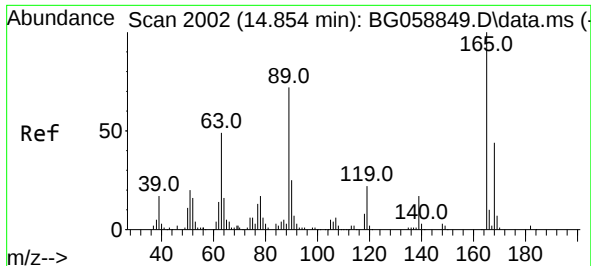
Ion Ratio Lower Upper

165 100

63 0.0 47.2 70.8#

89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.354 ng

RT: 14.457 min Scan# 1935

Delta R.T. -0.397 min

Lab File: BG058873.D

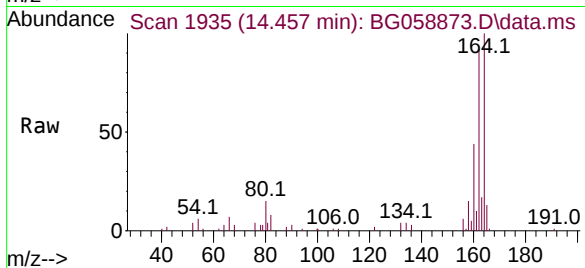
Acq: 28 Aug 2023 14:40

Instrument :

BNA_G

ClientSampleId :

WC-7



Tgt Ion:165 Resp: 3293

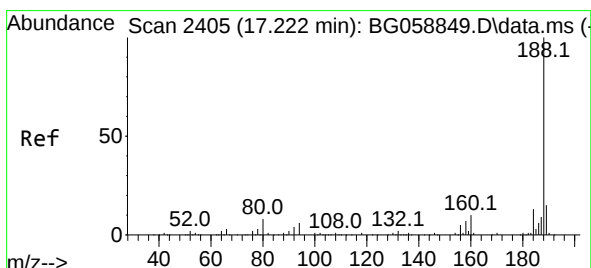
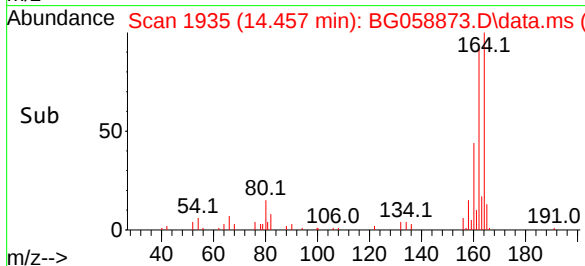
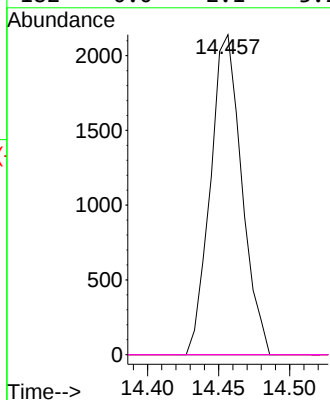
Ion Ratio Lower Upper

165 100

63 0.0 41.8 62.6#

89 0.0 60.7 91.1#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.200 min Scan# 2402

Delta R.T. -0.021 min

Lab File: BG058873.D

Acq: 28 Aug 2023 14:40

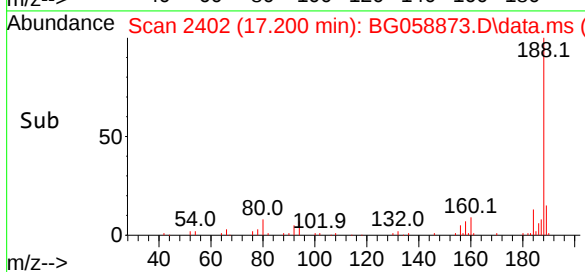
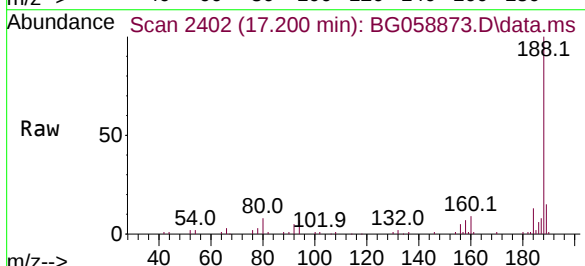
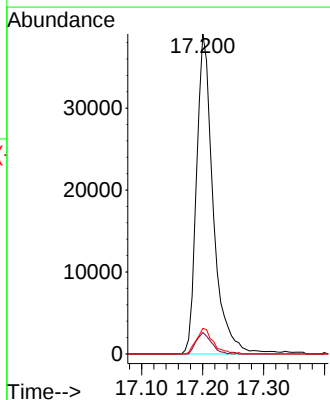
Tgt Ion:188 Resp: 74158

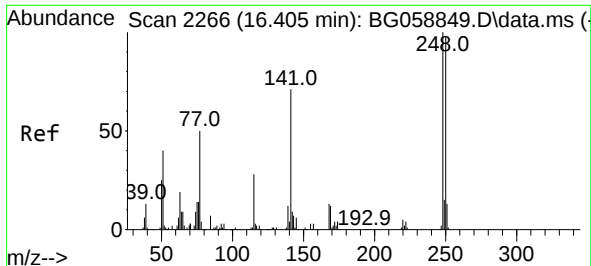
Ion Ratio Lower Upper

188 100

94 6.7 6.1 9.1

80 8.0 6.9 10.3





#67

4-Bromophenyl-phenylether

Concen: 5.879 ng

RT: 15.949 min Scan# 21

Delta R.T. -0.456 min

Lab File: BG058873.D

Acq: 28 Aug 2023 14:40

Instrument :

BNA_G

ClientSampleId :

WC-7

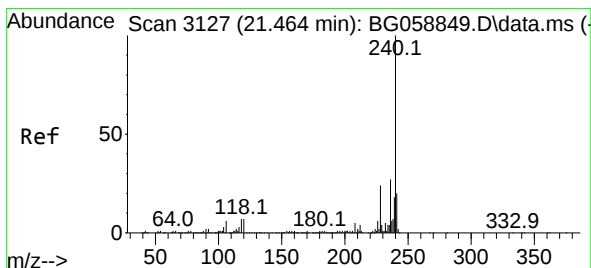
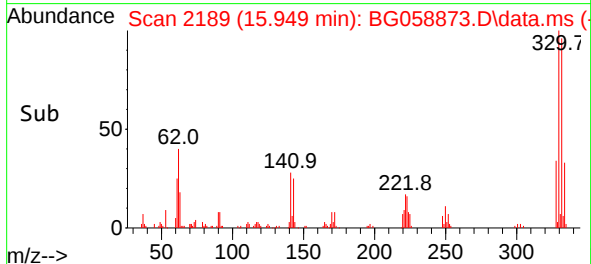
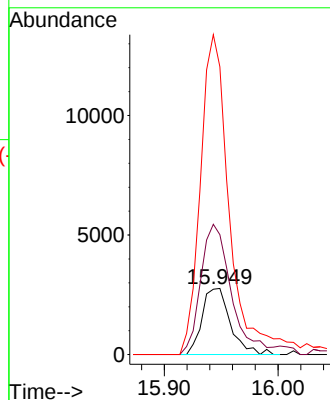
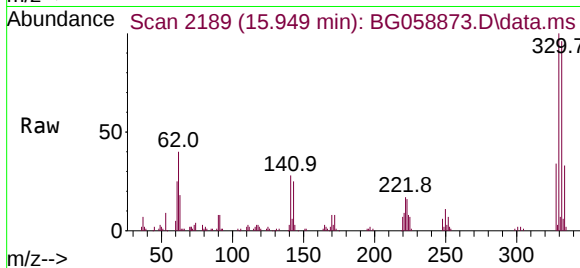
Tgt Ion:248 Resp: 4784

Ion Ratio Lower Upper

248 100

250 181.1 77.7 116.5#

141 434.6 53.6 80.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.442 min Scan# 3124

Delta R.T. -0.021 min

Lab File: BG058873.D

Acq: 28 Aug 2023 14:40

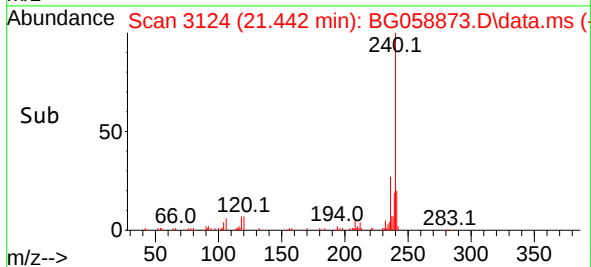
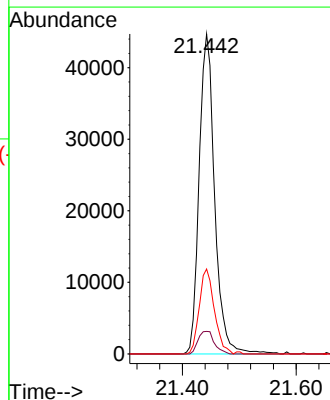
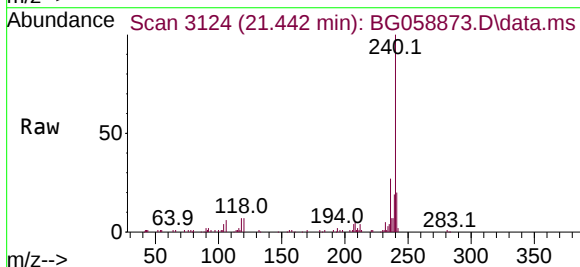
Tgt Ion:240 Resp: 84215

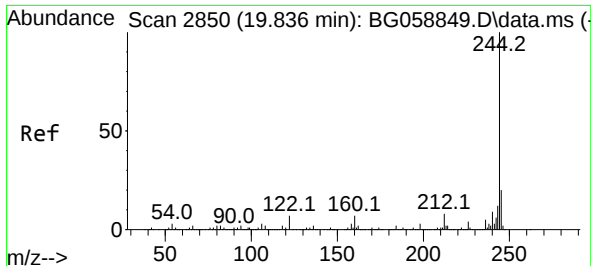
Ion Ratio Lower Upper

240 100

120 7.0 6.2 9.2

236 26.5 20.5 30.7

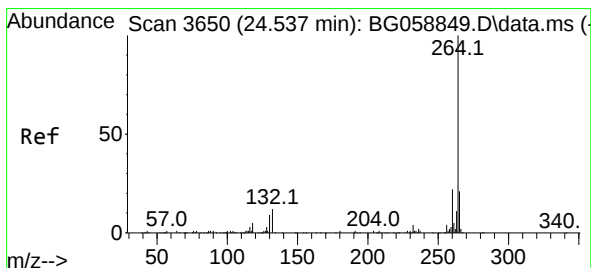
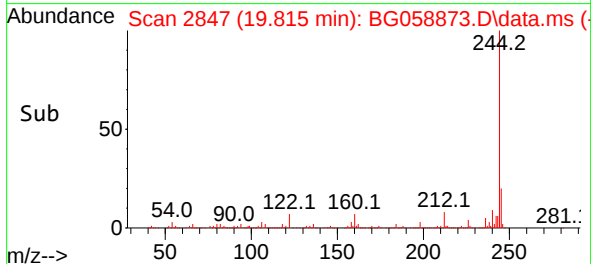
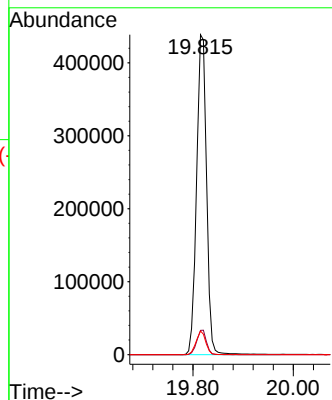
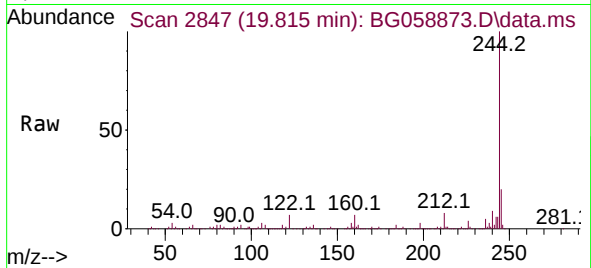




#79
 Terphenyl-d14
 Concen: 128.531 ng
 RT: 19.815 min Scan# 2847
 Delta R.T. -0.021 min
 Lab File: BG058873.D
 Acq: 28 Aug 2023 14:40

Instrument :
 BNA_G
 ClientSampleId :
 WC-7

Tgt Ion:244 Resp: 602825
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 7.4 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.504 min Scan# 3645
 Delta R.T. -0.033 min
 Lab File: BG058873.D
 Acq: 28 Aug 2023 14:40

Tgt Ion:264 Resp: 98602
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.2 27.2
 265 20.9 16.4 24.6

