

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
 Data File : BG058872.D
 Acq On : 28 Aug 2023 13:59
 Operator : MA/JU
 Sample : 04147-02DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03(27-29)DL

Quant Time: Aug 29 01:12:03 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)

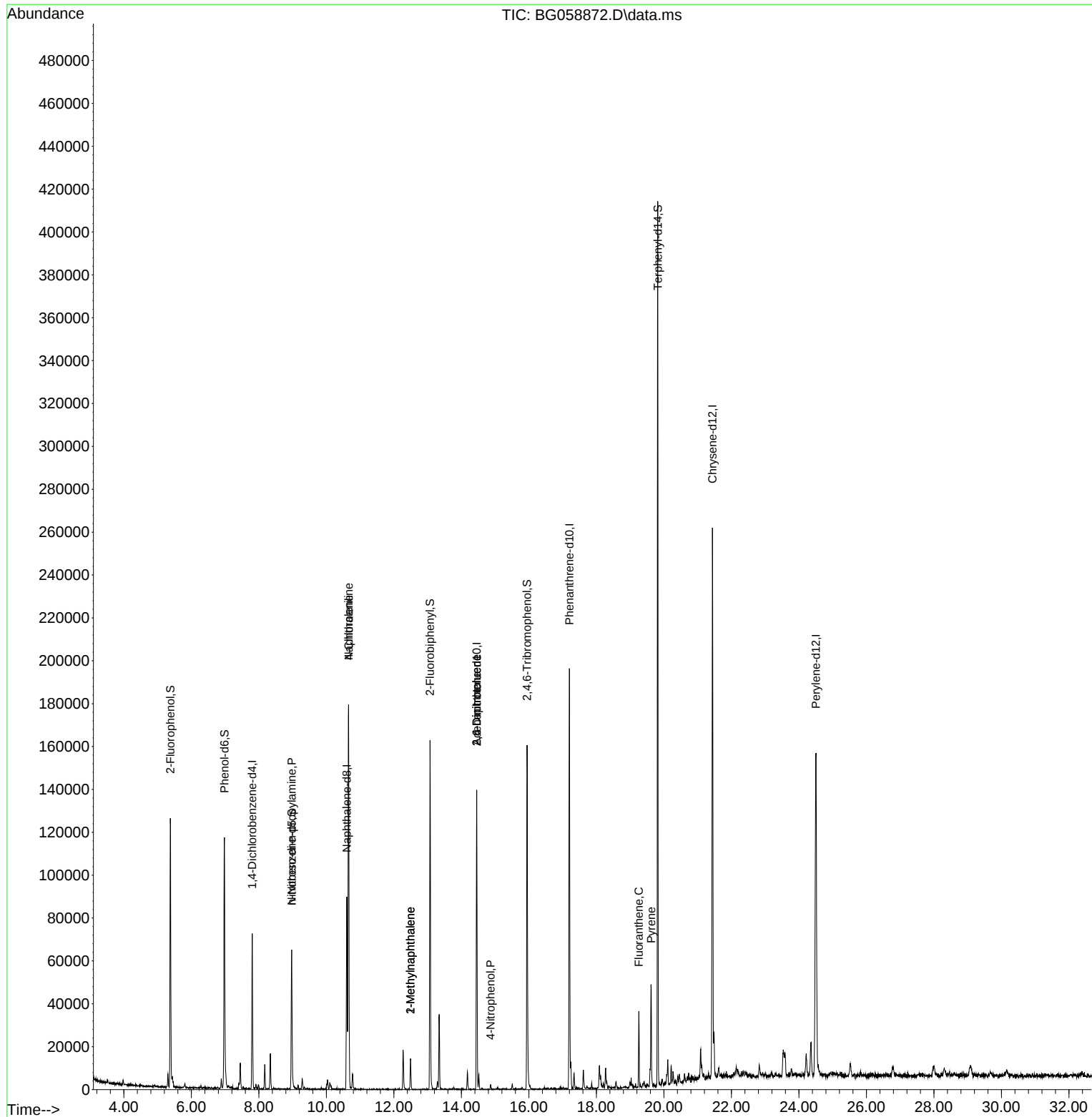
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.801	152	19875	20.000	ng	-0.03
21) Naphthalene-d8	10.604	136	75595	20.000	ng	#-0.03
39) Acenaphthene-d10	14.452	164	53227	20.000	ng	-0.02
64) Phenanthrene-d10	17.202	188	141071	20.000	ng	-0.02
76) Chrysene-d12	21.438	240	144765	20.000	ng	-0.03
86) Perylene-d12	24.505	264	173616	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.374	112	53884	43.629	ng	-0.03
7) Phenol-d6	6.978	99	70615	40.752	ng	-0.03
23) Nitrobenzene-d5	8.970	82	43034	27.369	ng	-0.03
42) 2,4,6-Tribromophenol	15.944	330	39701	47.570	ng	-0.03
45) 2-Fluorobiphenyl	13.071	172	95531	26.104	ng	-0.03
79) Terphenyl-d14	19.816	244	209643	26.003	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.970	70	5422	4.841	ng	# 66
31) Naphthalene	10.656	128	154372	38.892	ng	98
33) 4-Chloroaniline	10.656	127	19231	11.488	ng	# 24
37) 2-Methylnaphthalene	12.490	142	7800	2.736	ng	94
38) 1-Methylnaphthalene	12.490	142	7800	2.882	ng	# 94
51) 2,6-Dinitrotoluene	14.452	165	7054	8.147	ng	# 25
56) 4-Nitrophenol	14.863	139	897	5.860	ng	# 1
57) 2,4-Dinitrotoluene	14.452	165	7054	5.841	ng	# 21
75) Fluoranthene	19.258	202	21465	2.556	ng	96
78) Pyrene	19.622	202	34006	3.371	ng	98

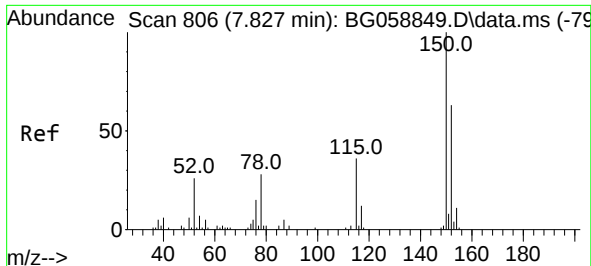
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
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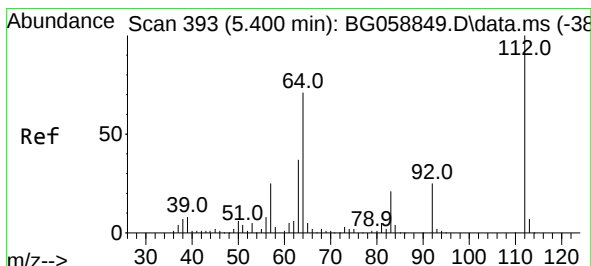
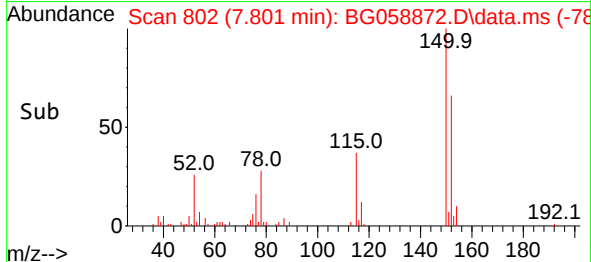
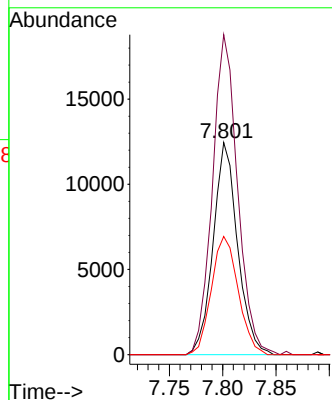
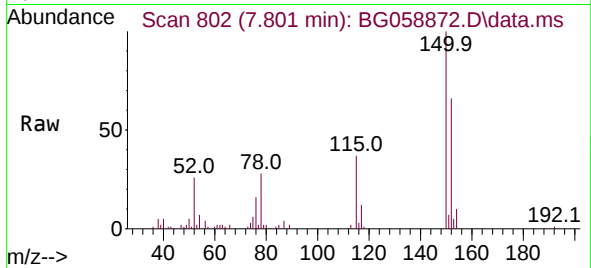




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.801 min Scan# 806
 Delta R.T. -0.026 min
 Lab File: BG058872.D
 Acq: 28 Aug 2023 13:59

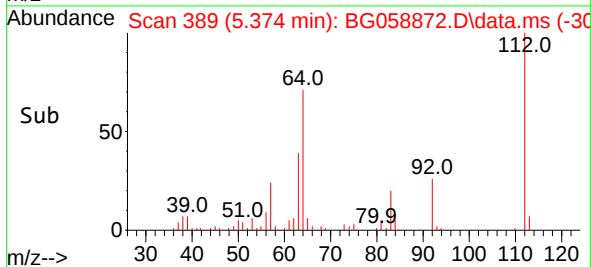
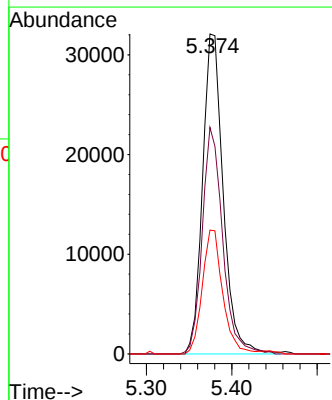
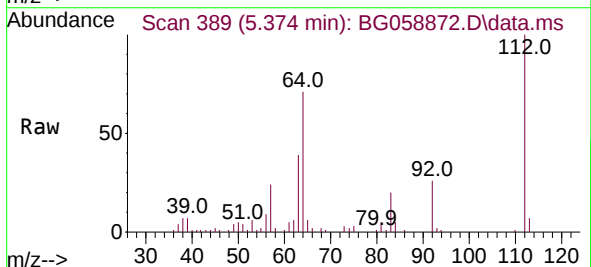
Instrument :
 BNA_G
 ClientSampleId :
 SB-03(27-29)DL

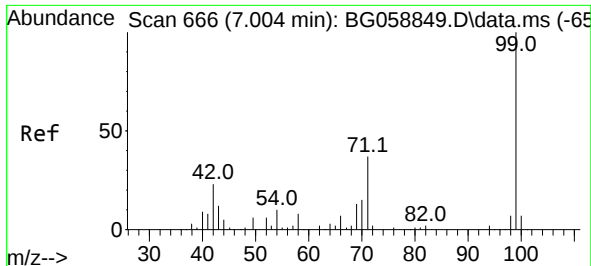
Tgt Ion:152 Resp: 19875
 Ion Ratio Lower Upper
 152 100
 150 150.9 128.6 192.8
 115 55.7 50.4 75.6



#5
 2-Fluorophenol
 Concen: 43.629 ng
 RT: 5.374 min Scan# 389
 Delta R.T. -0.026 min
 Lab File: BG058872.D
 Acq: 28 Aug 2023 13:59

Tgt Ion:112 Resp: 53884
 Ion Ratio Lower Upper
 112 100
 64 70.8 60.6 90.8
 63 38.7 31.0 46.4

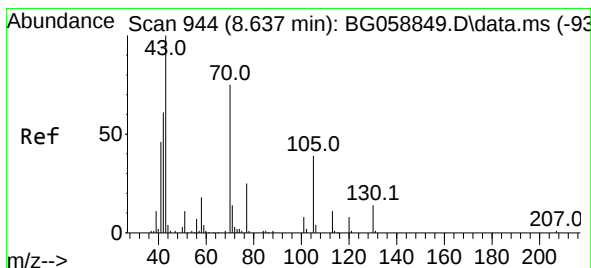
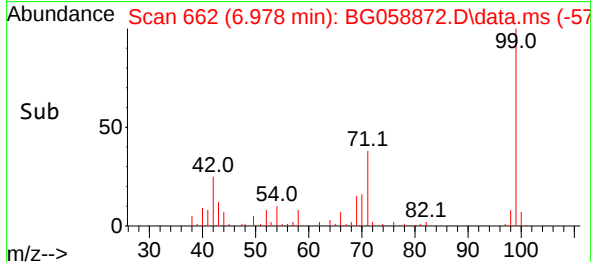
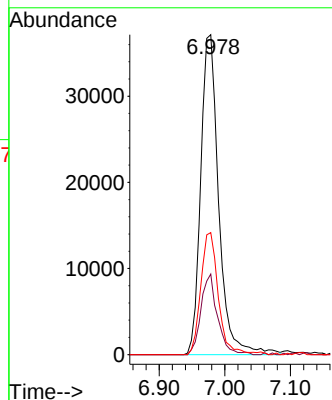
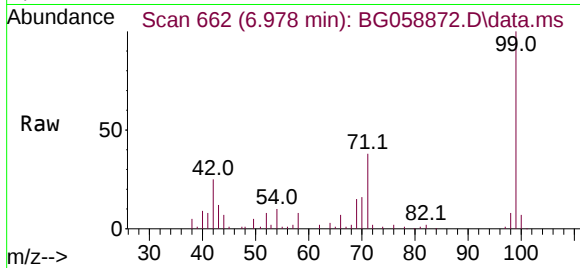




#7
Phenol-d6
Concen: 40.752 ng
RT: 6.978 min Scan# 60
Delta R.T. -0.026 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

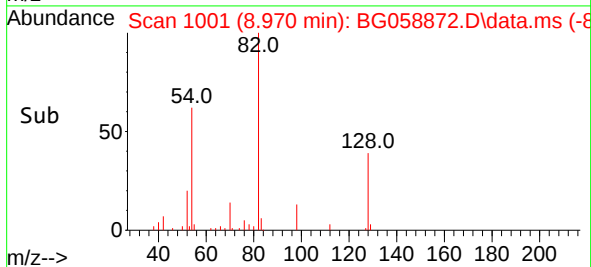
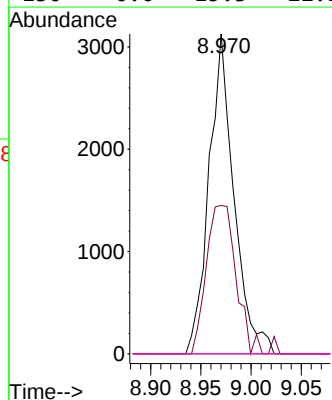
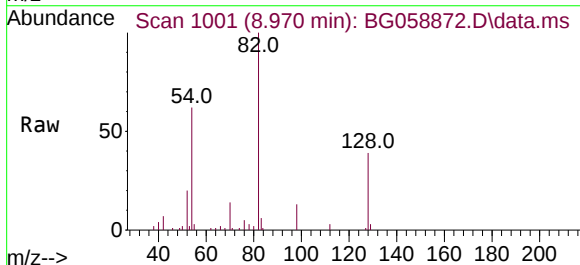
Instrument :
BNA_G
ClientSampleId :
SB-03(27-29)DL

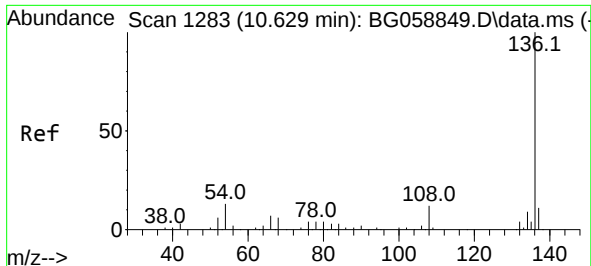
Tgt Ion: 99 Resp: 70615
Ion Ratio Lower Upper
99 100
42 25.2 16.5 24.7#
71 38.1 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 4.841 ng
RT: 8.970 min Scan# 1001
Delta R.T. 0.333 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

Tgt Ion: 70 Resp: 5422
Ion Ratio Lower Upper
70 100
42 46.4 59.2 88.8#
101 0.0 8.2 12.2#
130 0.0 15.3 22.9#

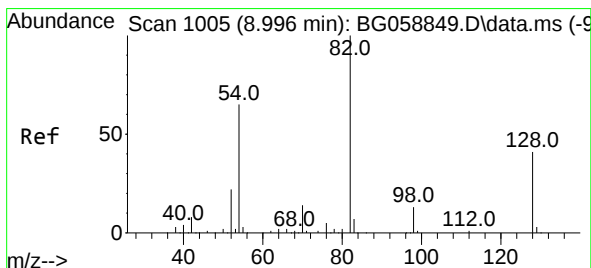
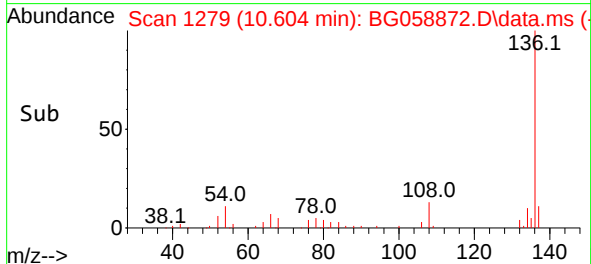
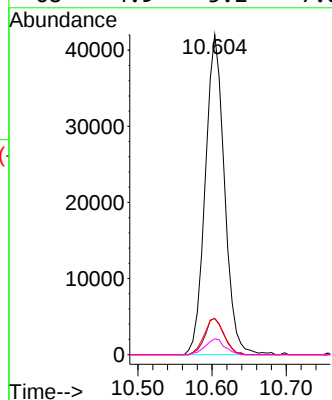
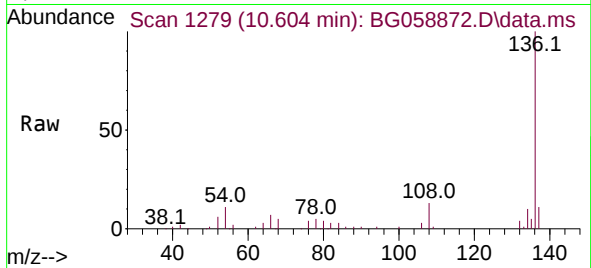




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 11
Delta R.T. -0.026 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

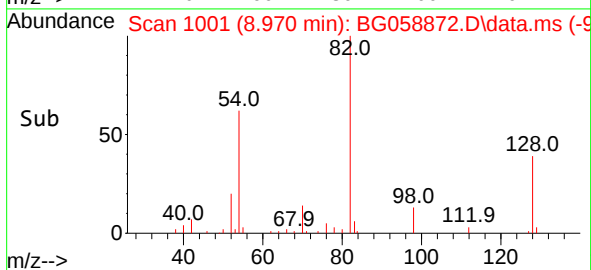
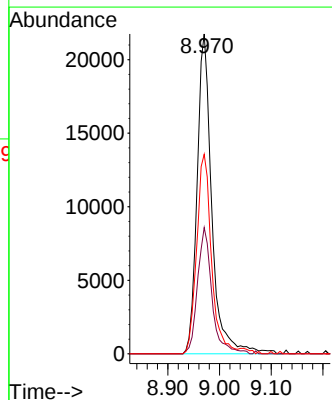
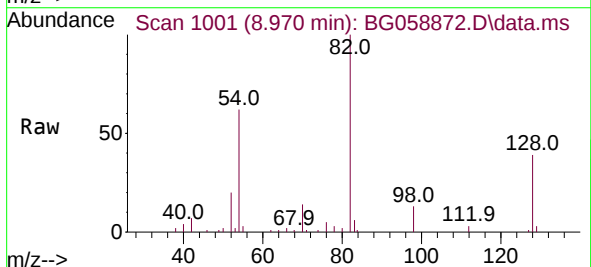
Instrument :
BNA_G
ClientSampleId :
SB-03(27-29)DL

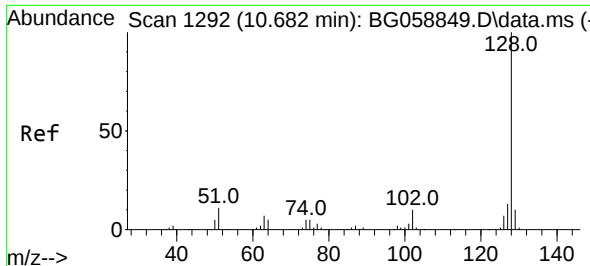
Tgt Ion:	136	Resp:	75595
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.7	13.1
54	11.3	10.1	15.1
68	4.9	5.2	7.8



#23
Nitrobenzene-d5
Concen: 27.369 ng
RT: 8.970 min Scan# 1001
Delta R.T. -0.026 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

Tgt Ion:	82	Resp:	43034
Ion Ratio	Lower	Upper	
82	100		
128	39.5	33.2	49.8
54	62.4	51.2	76.8

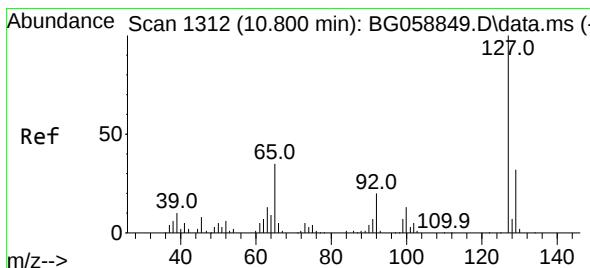
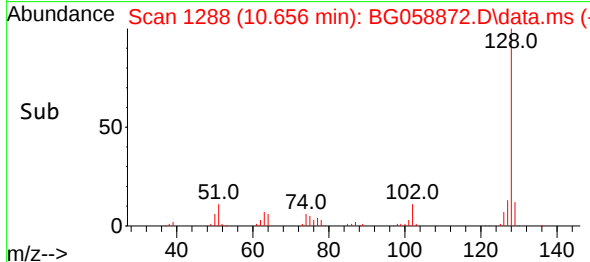
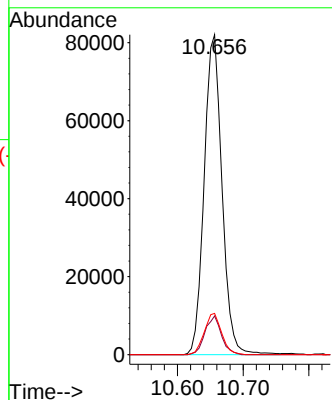
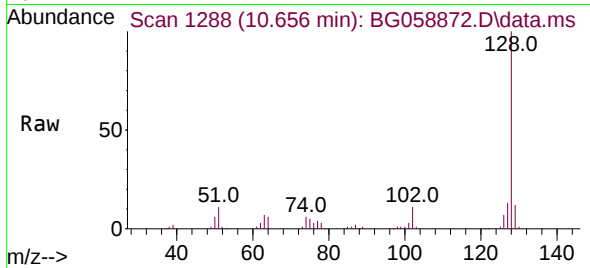




#31
Naphthalene
Concen: 38.892 ng
RT: 10.656 min Scan# 1288
Delta R.T. -0.026 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

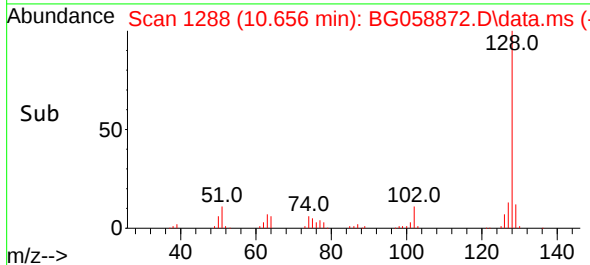
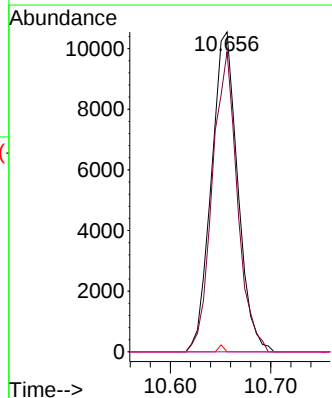
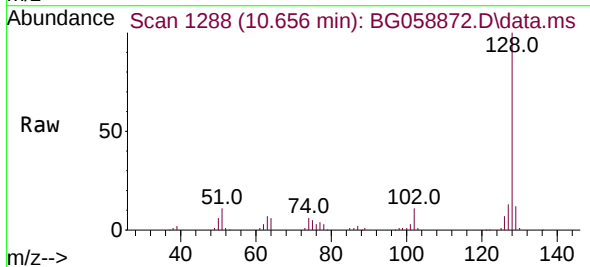
Instrument :
BNA_G
ClientSampleId :
SB-03(27-29)DL

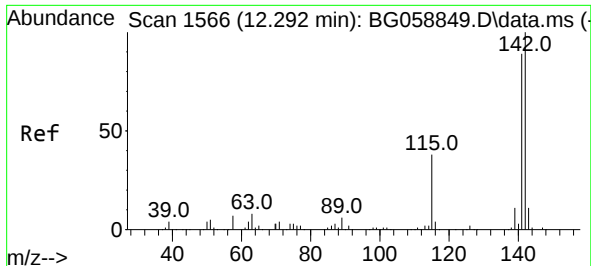
Tgt Ion:128 Resp: 154372
Ion Ratio Lower Upper
128 100
129 12.1 8.9 13.3
127 12.9 10.6 15.8



#33
4-Chloroaniline
Concen: 11.488 ng
RT: 10.656 min Scan# 1288
Delta R.T. -0.143 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

Tgt Ion:127 Resp: 19231
Ion Ratio Lower Upper
127 100
129 93.8 25.2 37.8#
65 0.0 30.5 45.7#
92 0.0 16.1 24.1#





#37

2-Methylnaphthalene

Concen: 2.736 ng

RT: 12.490 min Scan# 1600

Delta R.T. 0.198 min

Lab File: BG058872.D

Acq: 28 Aug 2023 13:59

Instrument :

BNA_G

ClientSampleId :

SB-03(27-29)DL

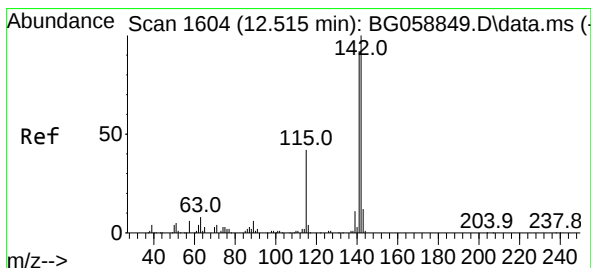
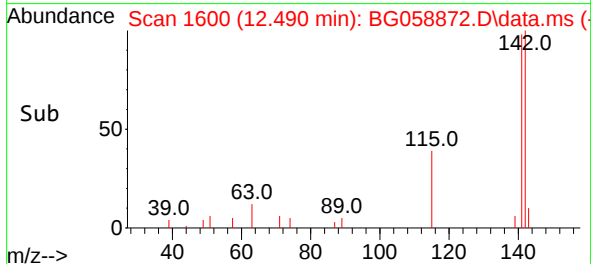
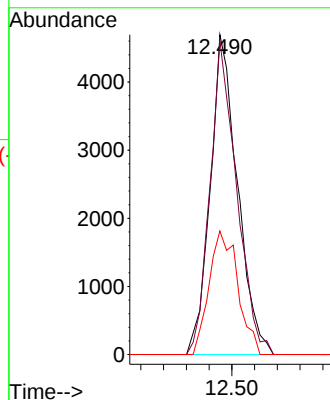
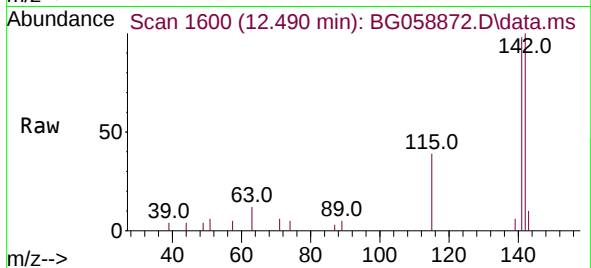
Tgt Ion:142 Resp: 7800

Ion Ratio Lower Upper

142 100

141 98.1 71.8 107.8

115 38.6 30.6 45.8



#38

1-Methylnaphthalene

Concen: 2.882 ng

RT: 12.490 min Scan# 1600

Delta R.T. -0.026 min

Lab File: BG058872.D

Acq: 28 Aug 2023 13:59

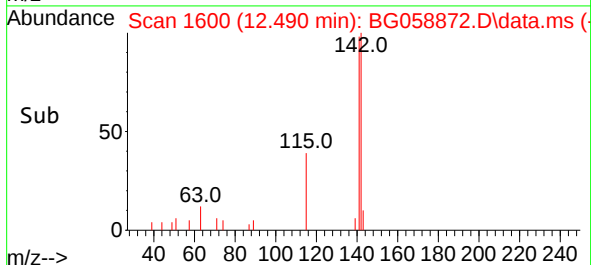
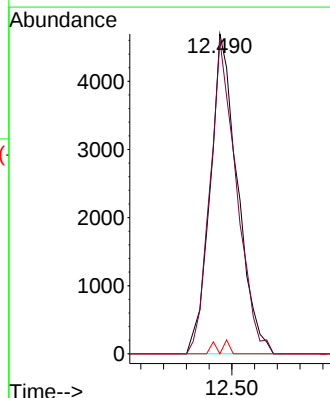
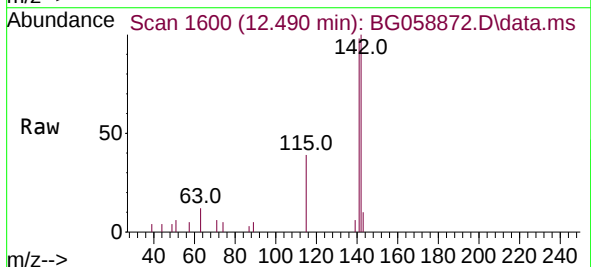
Tgt Ion:142 Resp: 7800

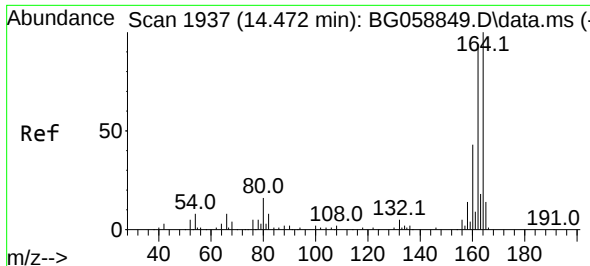
Ion Ratio Lower Upper

142 100

141 98.1 73.9 110.9

116 0.0 3.2 4.8#

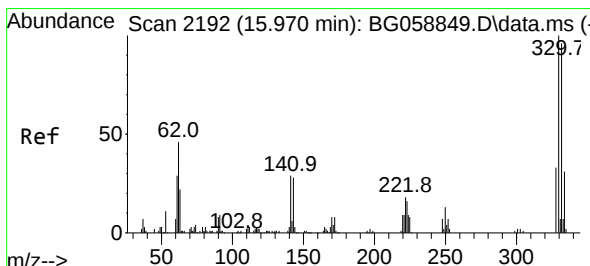
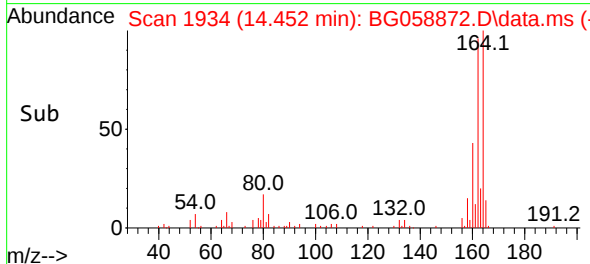
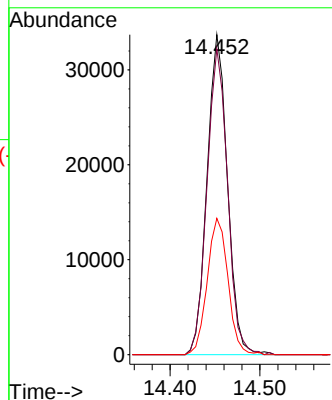
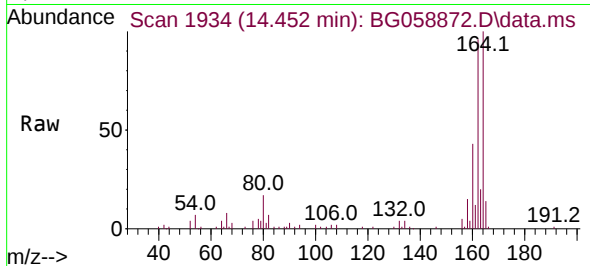




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.452 min Scan# 1934
Delta R.T. -0.020 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

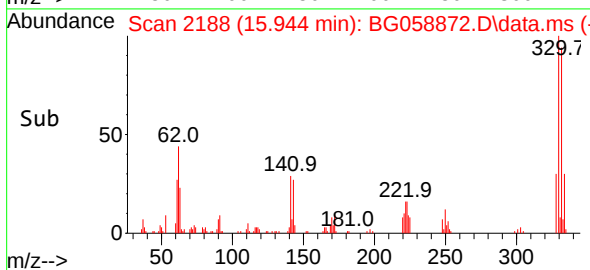
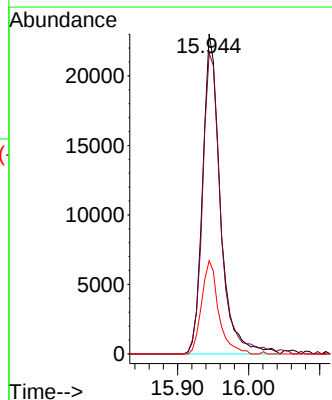
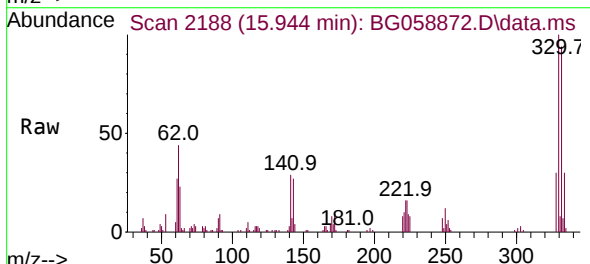
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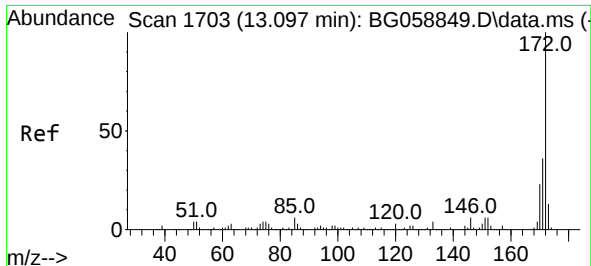
Tgt Ion:164 Resp: 53227
Ion Ratio Lower Upper
164 100
162 95.6 79.6 119.4
160 42.6 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 47.570 ng
RT: 15.944 min Scan# 2188
Delta R.T. -0.026 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

Tgt Ion:330 Resp: 39701
Ion Ratio Lower Upper
330 100
332 96.7 78.5 117.7
141 27.8 23.0 34.6

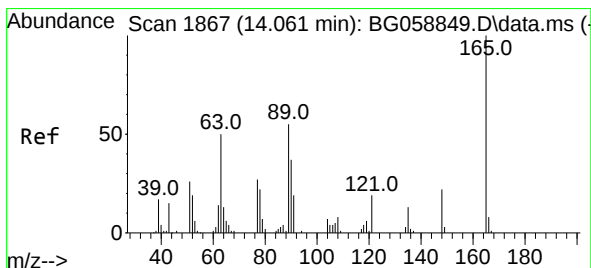
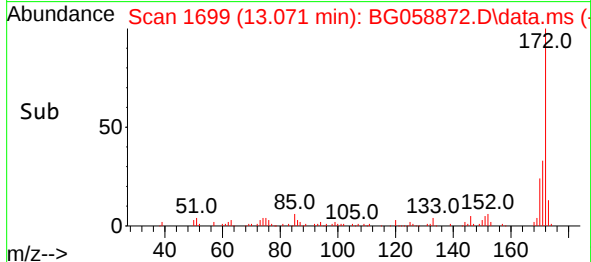
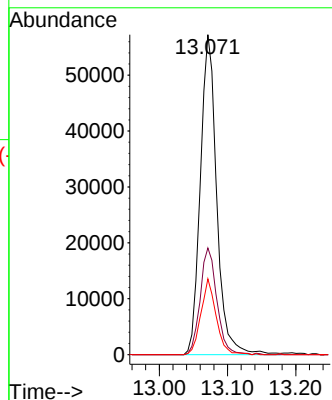
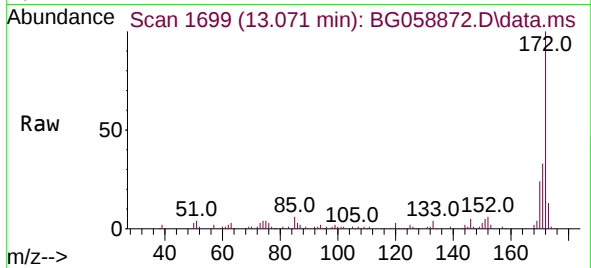




#45
2-Fluorobiphenyl
Concen: 26.104 ng
RT: 13.071 min Scan# 1699
Delta R.T. -0.026 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

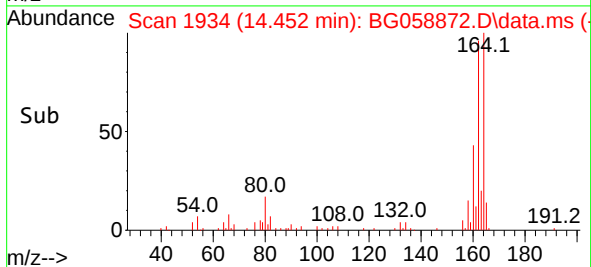
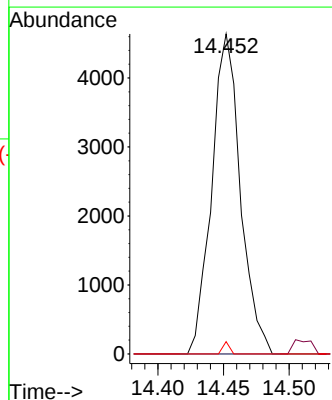
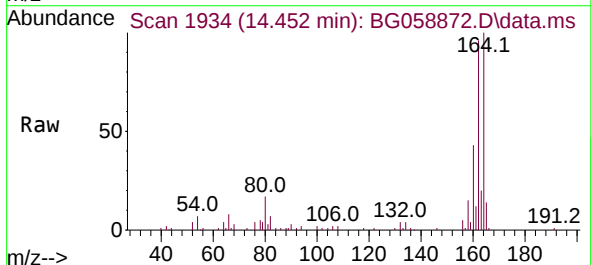
Instrument :
BNA_G
ClientSampleId :
SB-03(27-29)DL

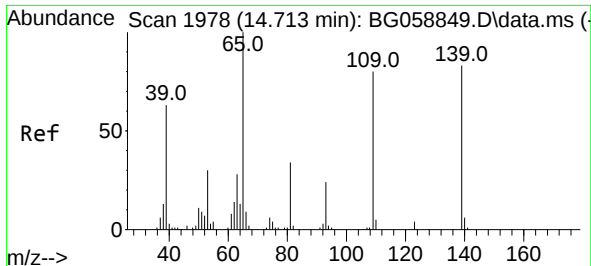
Tgt Ion:172 Resp: 95531
Ion Ratio Lower Upper
172 100
171 33.3 28.1 42.1
170 23.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.147 ng
RT: 14.452 min Scan# 1934
Delta R.T. 0.391 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

Tgt Ion:165 Resp: 7054
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 3.8 45.0 67.4#

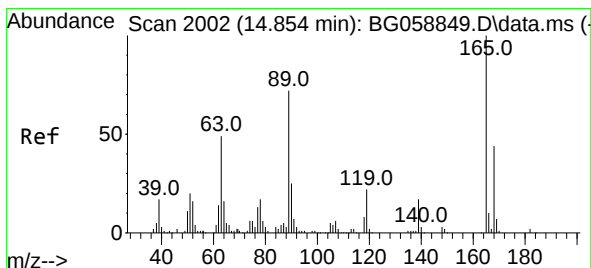
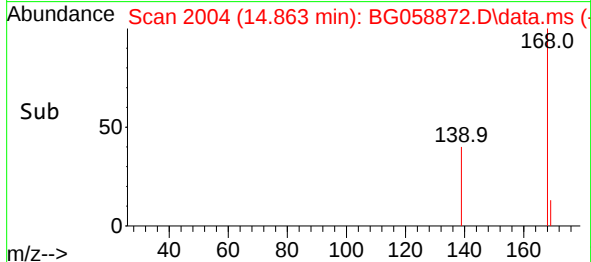
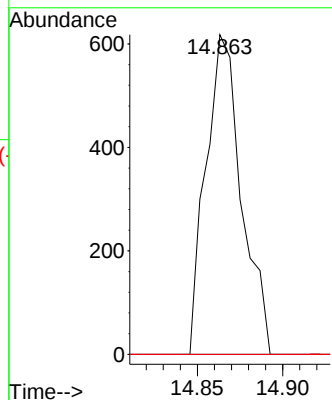
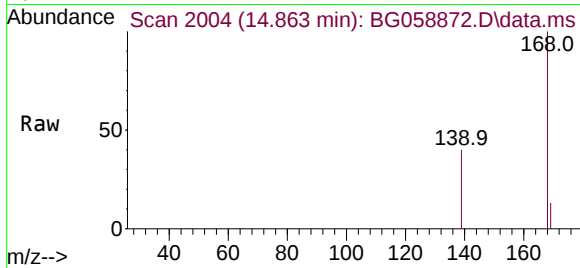




#56
4-Nitrophenol
Concen: 5.860 ng
RT: 14.863 min Scan# 20
Delta R.T. 0.150 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

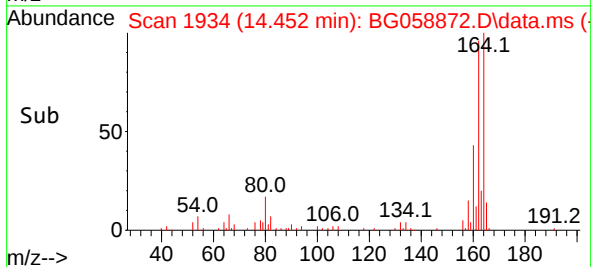
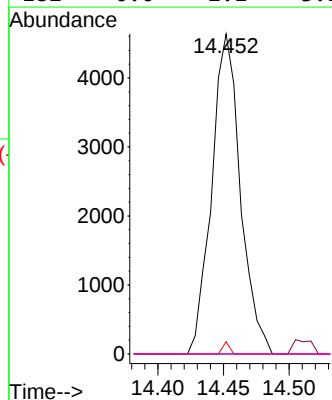
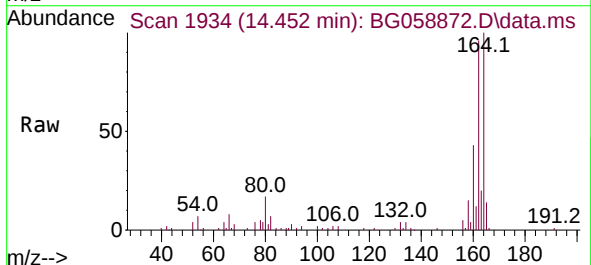
Instrument :
BNA_G
ClientSampleId :
SB-03(27-29)DL

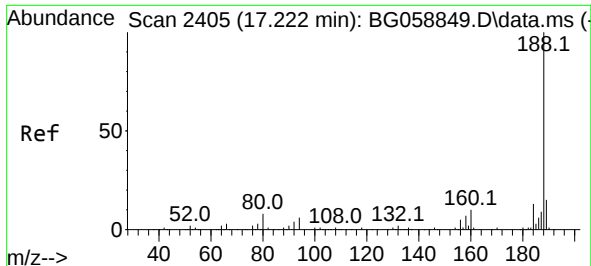
Tgt Ion:139 Resp: 897
Ion Ratio Lower Upper
139 100
109 0.0 71.9 111.9#
65 0.0 100.7 140.7#



#57
2,4-Dinitrotoluene
Concen: 5.841 ng
RT: 14.452 min Scan# 1934
Delta R.T. -0.402 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

Tgt Ion:165 Resp: 7054
Ion Ratio Lower Upper
165 100
63 0.0 41.8 62.6#
89 3.8 60.7 91.1#
182 0.0 2.1 3.1#

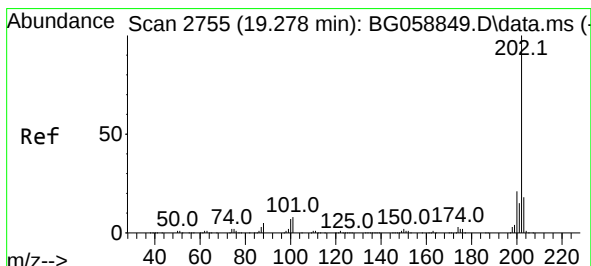
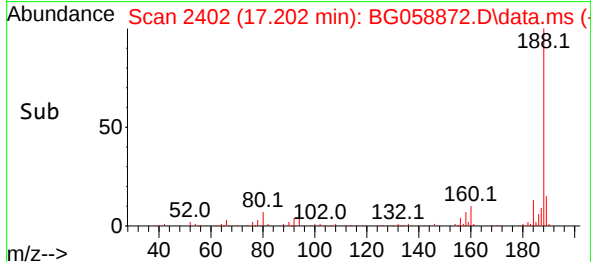
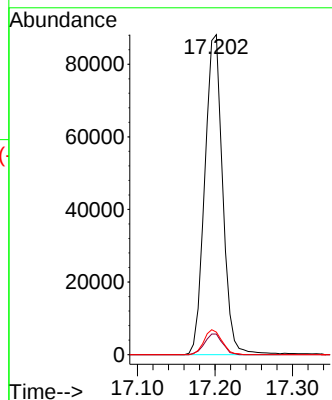
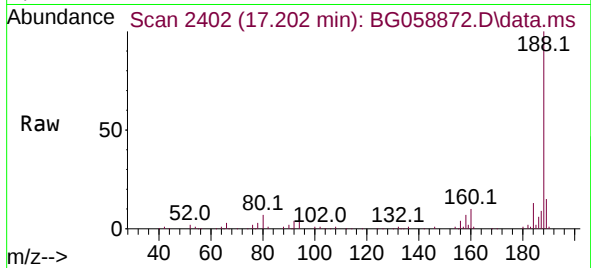




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.202 min Scan# 24
Delta R.T. -0.020 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

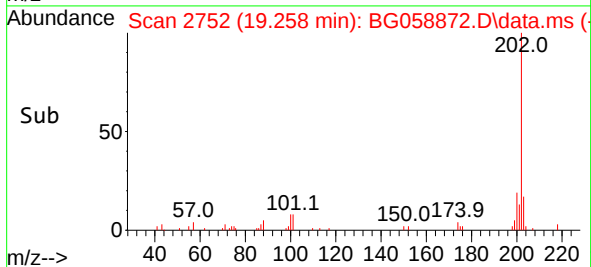
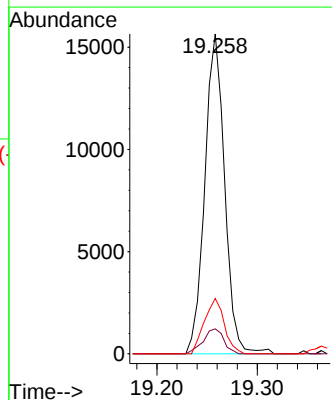
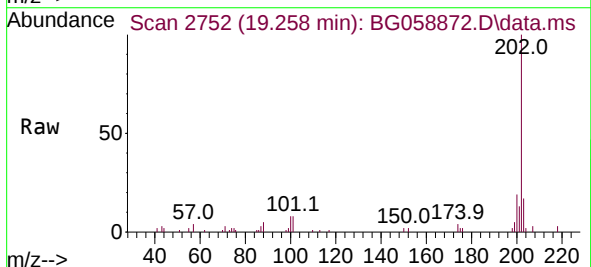
Instrument :
BNA_G
ClientSampleId :
SB-03(27-29)DL

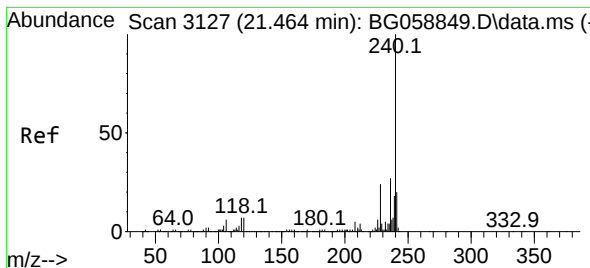
Tgt Ion:188 Resp: 141071
Ion Ratio Lower Upper
188 100
94 6.4 6.1 9.1
80 7.0 6.9 10.3



#75
Fluoranthene
Concen: 2.556 ng
RT: 19.258 min Scan# 2752
Delta R.T. -0.020 min
Lab File: BG058872.D
Acq: 28 Aug 2023 13:59

Tgt Ion:202 Resp: 21465
Ion Ratio Lower Upper
202 100
101 7.8 0.0 29.7
203 17.3 0.0 38.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.438 min Scan# 31

Delta R.T. -0.026 min

Lab File: BG058872.D

Acq: 28 Aug 2023 13:59

Instrument :

BNA_G

ClientSampleId :

SB-03(27-29)DL

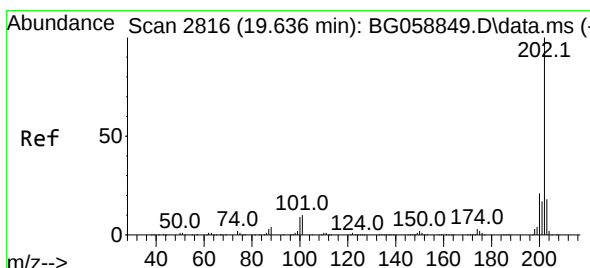
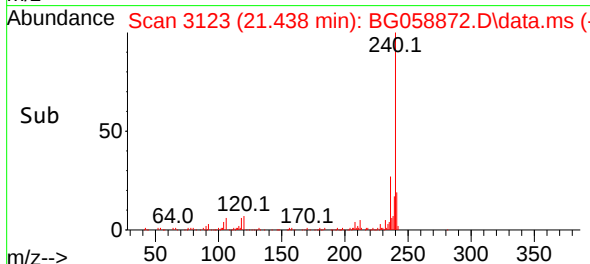
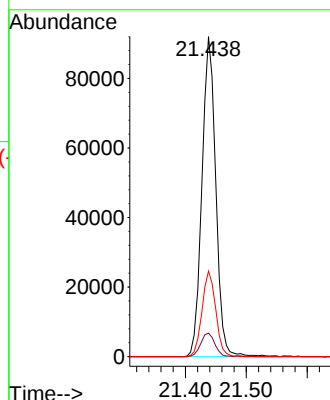
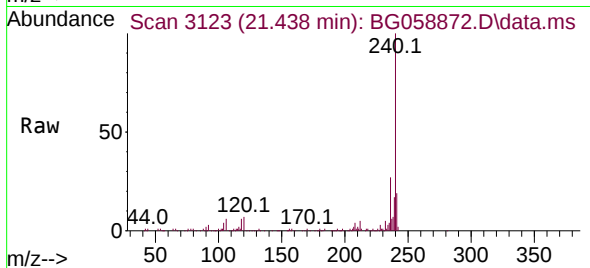
Tgt Ion:240 Resp: 144765

Ion Ratio Lower Upper

240 100

120 7.4 6.2 9.2

236 26.7 20.5 30.7



#78

Pyrene

Concen: 3.371 ng

RT: 19.622 min Scan# 2814

Delta R.T. -0.014 min

Lab File: BG058872.D

Acq: 28 Aug 2023 13:59

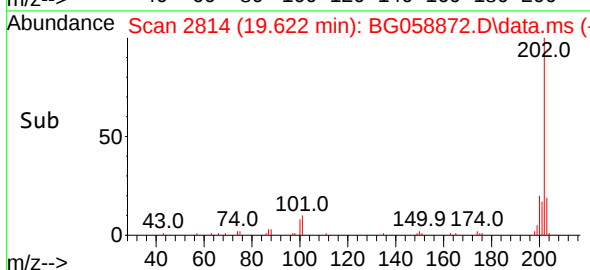
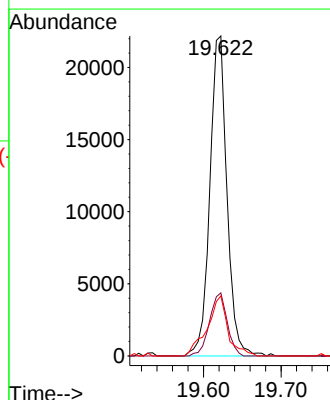
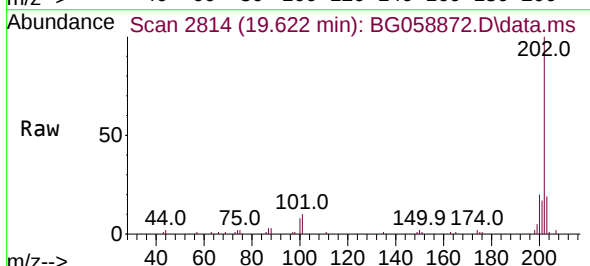
Tgt Ion:202 Resp: 34006

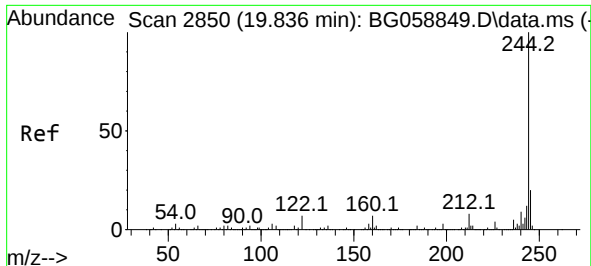
Ion Ratio Lower Upper

202 100

200 19.7 16.7 25.1

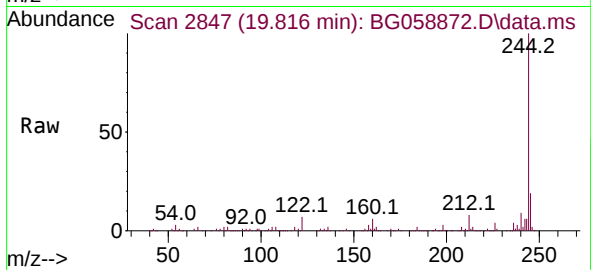
203 18.7 15.3 22.9



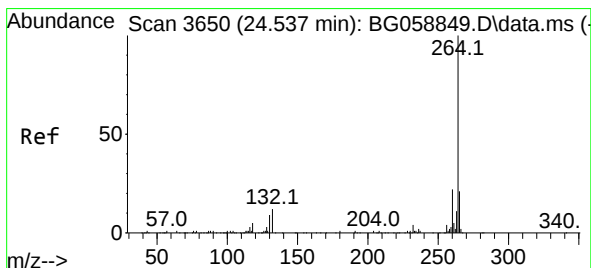
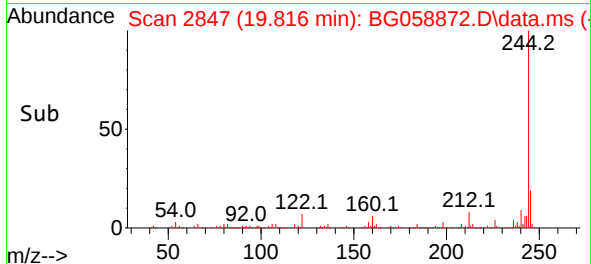
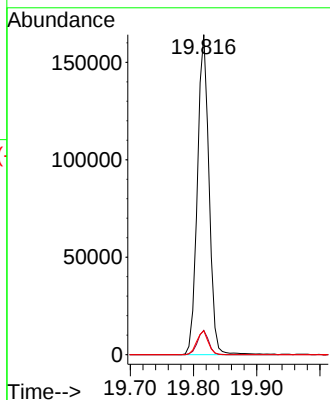


#79
 Terphenyl-d14
 Concen: 26.003 ng
 RT: 19.816 min Scan# 2847
 Delta R.T. -0.020 min
 Lab File: BG058872.D
 Acq: 28 Aug 2023 13:59

Instrument :
 BNA_G
 ClientSampleId :
 SB-03(27-29)DL



Tgt Ion:244 Resp: 209643
 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: 24.505 min Scan# 3645
 Delta R.T. -0.032 min
 Lab File: BG058872.D
 Acq: 28 Aug 2023 13:59

Tgt Ion:264 Resp: 173616
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 22.1 16.4 24.6

