

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080223\
 Data File : BG058579.D
 Acq On : 2 Aug 2023 15:25
 Operator : MA/JU
 Sample : 03686-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-0-2-20230721

Quant Time: Aug 03 02:43:05 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)

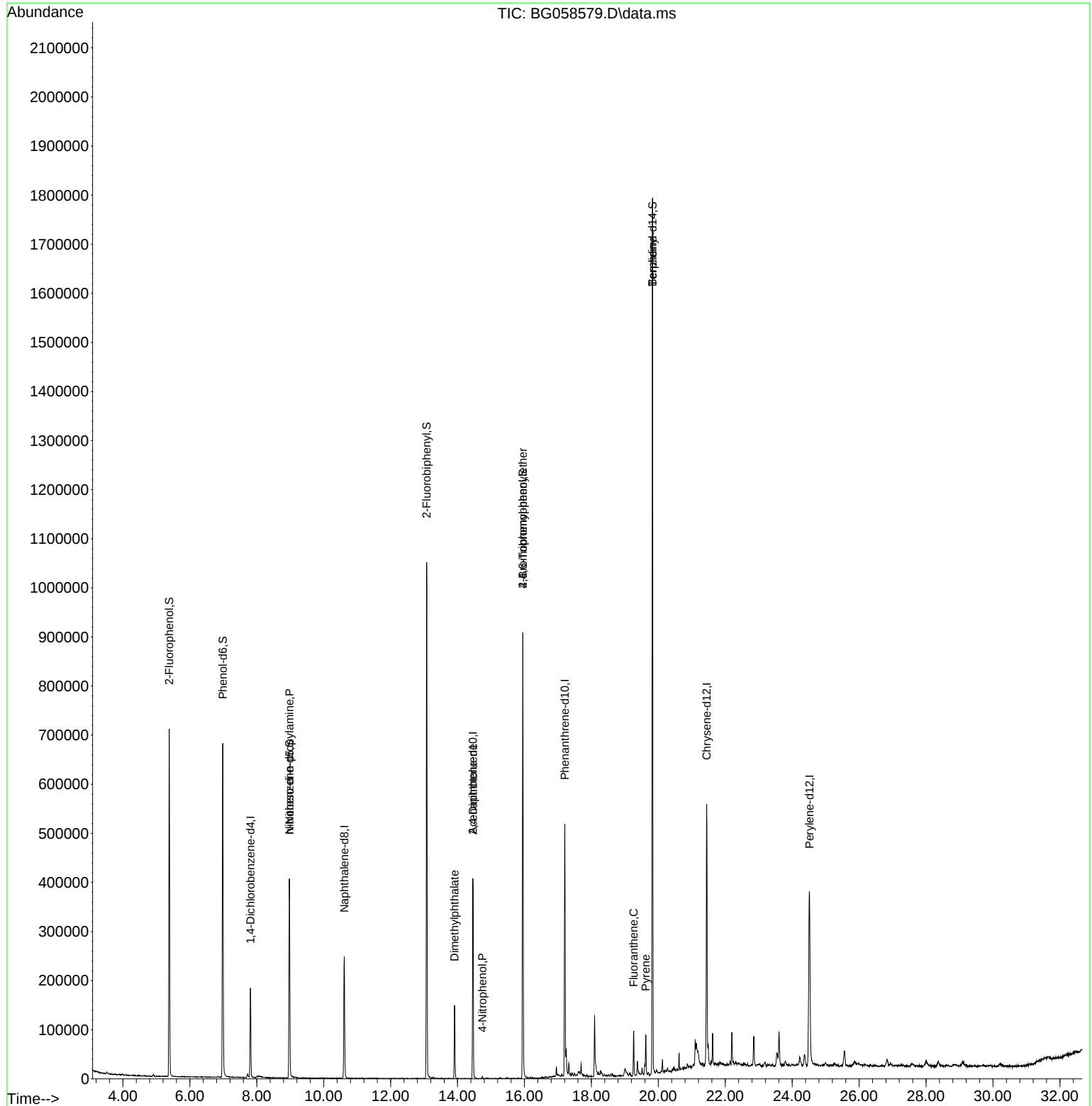
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	50290	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	218193	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	151058	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	341977	20.000	ng	0.00
76) Chrysene-d12	21.443	240	300965	20.000	ng	0.00
86) Perylene-d12	24.516	264	375712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	299189	90.932	ng	0.00
7) Phenol-d6	6.983	99	419253	91.573	ng	0.00
23) Nitrobenzene-d5	8.975	82	256414	57.731	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	195515	78.966	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	585072	58.043	ng	0.00
79) Terphenyl-d14	19.827	244	980701	61.277	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.975	70	31531	10.662	ng	# 83
50) Dimethylphthalate	13.910	163	104253	9.189	ng	98
56) 4-Nitrophenol	14.739	139	55	3.354	ng	# 3
57) 2,4-Dinitrotoluene	14.457	165	19645	5.692	ng	# 25
67) 4-Bromophenyl-phenylether	15.949	248	12444	3.208	ng	# 1
75) Fluoranthene	19.263	202	53577	2.750	ng	99
77) Benzidine	19.827	184	12142	2.660	ng	# 95
78) Pyrene	19.621	202	51874	2.533	ng	95

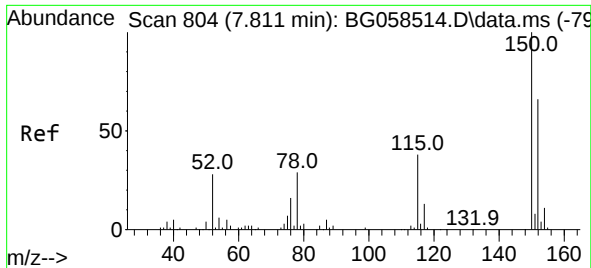
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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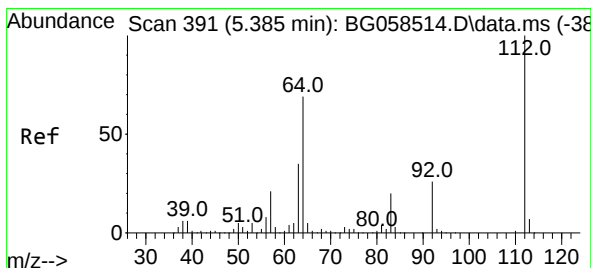
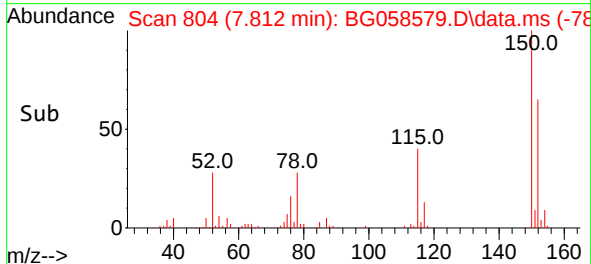
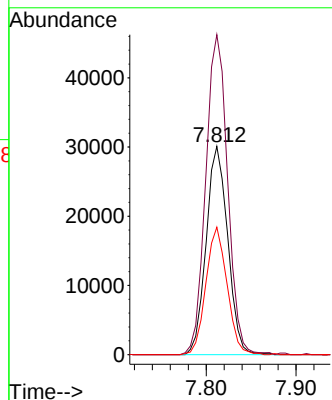
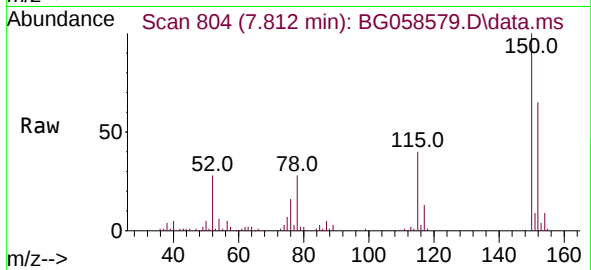




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058579.D
Acq: 2 Aug 2023 15:25

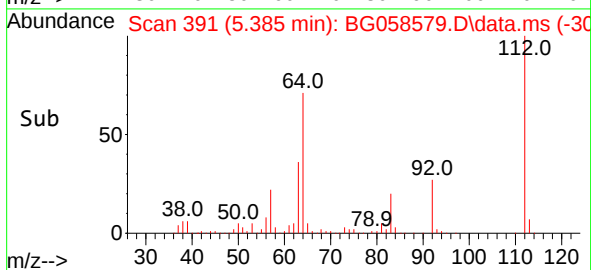
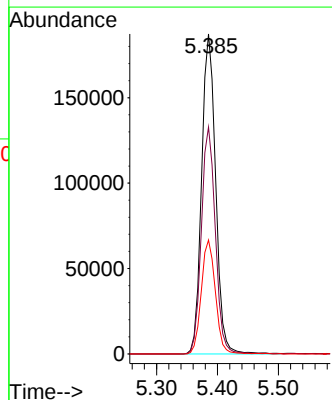
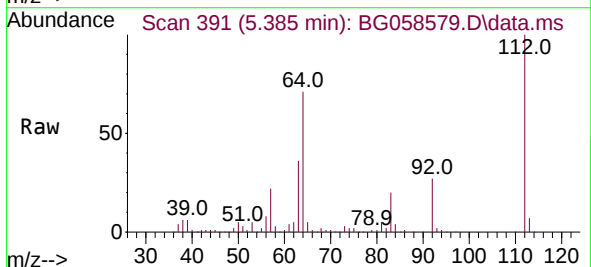
Instrument :
BNA_G
ClientSampleId :
SB-22-0-2-20230721

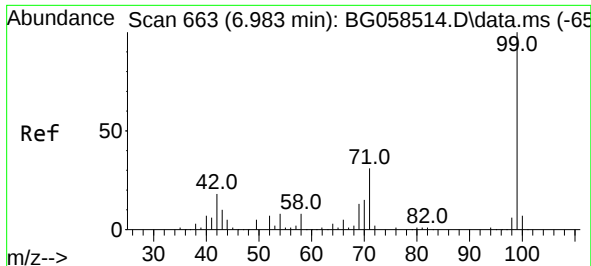
Tgt Ion:152 Resp: 50290
Ion Ratio Lower Upper
152 100
150 153.6 120.5 180.7
115 61.2 45.9 68.9



#5
2-Fluorophenol
Concen: 90.932 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058579.D
Acq: 2 Aug 2023 15:25

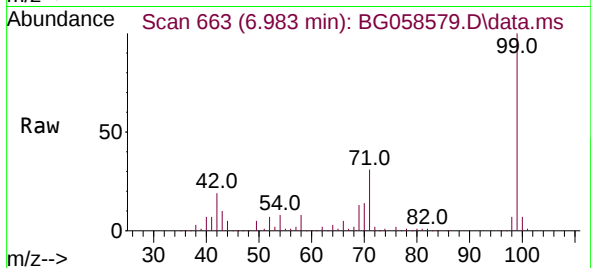
Tgt Ion:112 Resp: 299189
Ion Ratio Lower Upper
112 100
64 70.9 55.3 82.9
63 35.6 28.3 42.5



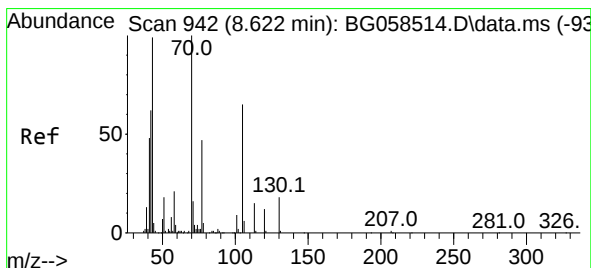
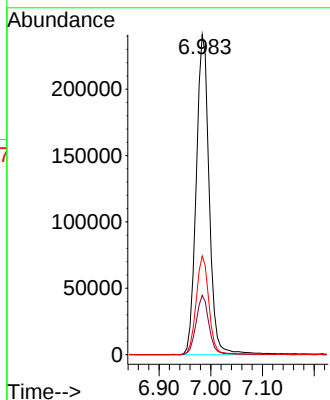
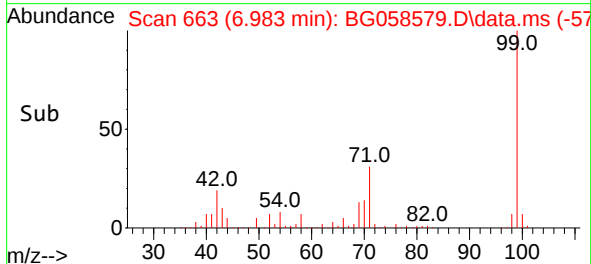


#7
Phenol-d6
Concen: 91.573 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058579.D
Acq: 2 Aug 2023 15:25

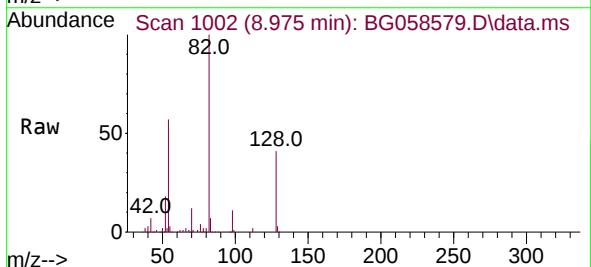
Instrument :
BNA_G
ClientSampleId :
SB-22-0-2-20230721



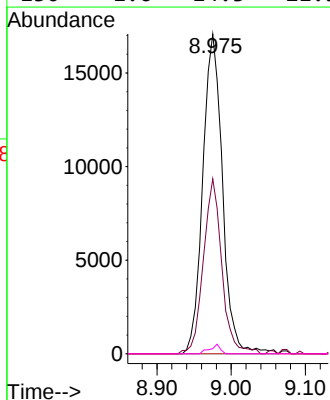
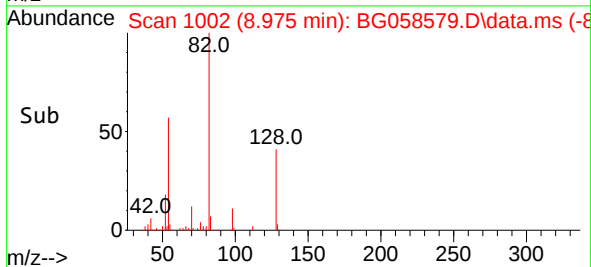
Tgt Ion: 99 Resp: 419253
Ion Ratio Lower Upper
99 100
42 18.5 14.6 21.8
71 30.8 25.0 37.4

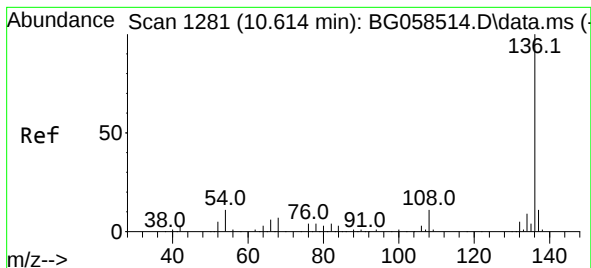


#19
n-Nitroso-di-n-propylamine
Concen: 10.662 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058579.D
Acq: 2 Aug 2023 15:25



Tgt Ion: 70 Resp: 31531
Ion Ratio Lower Upper
70 100
42 54.7 49.7 74.5
101 0.0 7.0 10.4#
130 1.6 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.614 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG058579.D

Acq: 2 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

SB-22-0-2-20230721

Tgt Ion:136 Resp: 218193

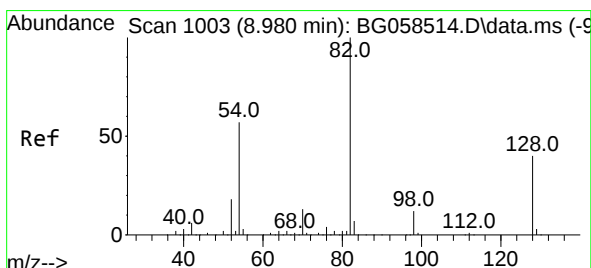
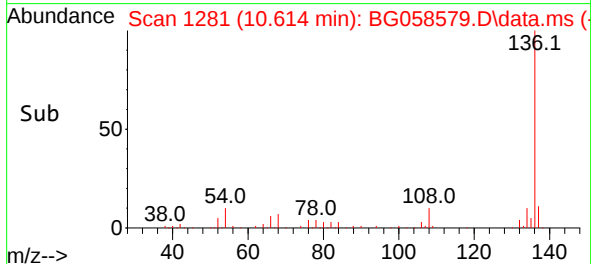
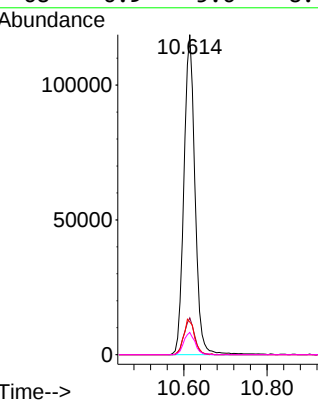
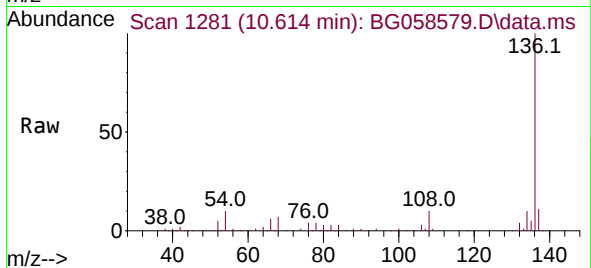
Ion Ratio Lower Upper

136 100

137 11.5 8.6 13.0

54 10.2 8.9 13.3

68 6.9 5.6 8.4



#23

Nitrobenzene-d5

Concen: 57.731 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.005 min

Lab File: BG058579.D

Acq: 2 Aug 2023 15:25

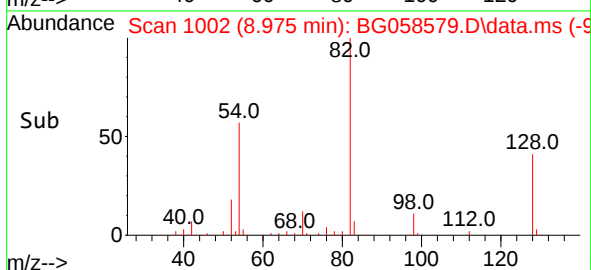
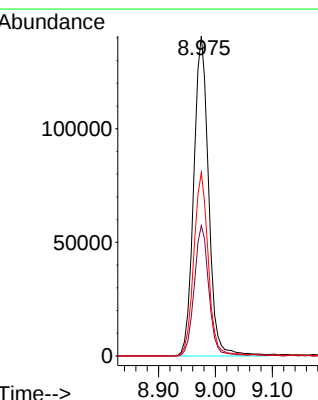
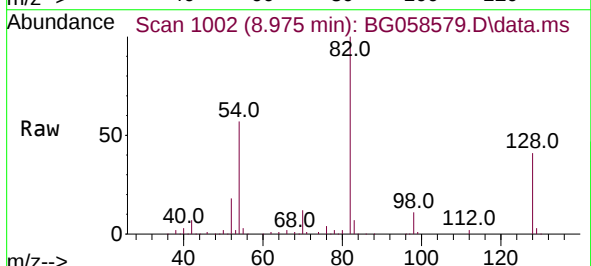
Tgt Ion: 82 Resp: 256414

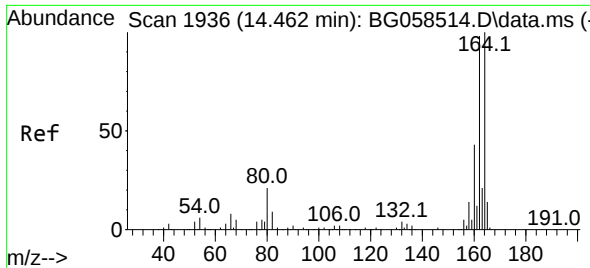
Ion Ratio Lower Upper

82 100

128 40.7 32.2 48.2

54 57.3 46.0 69.0

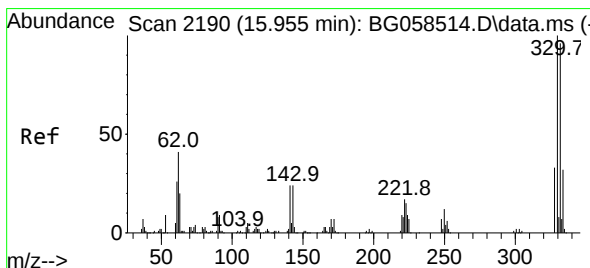
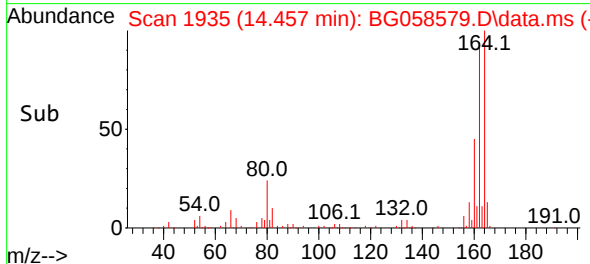
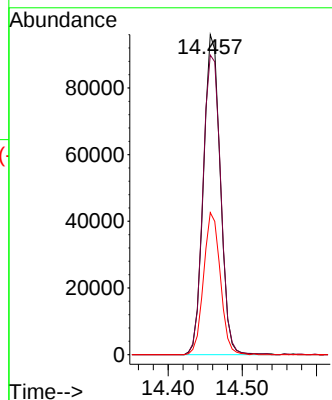
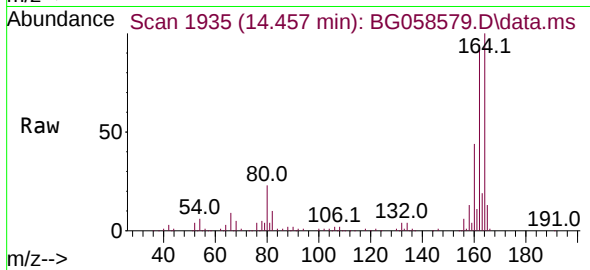




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1936
Delta R.T. -0.005 min
Lab File: BG058579.D
Acq: 2 Aug 2023 15:25

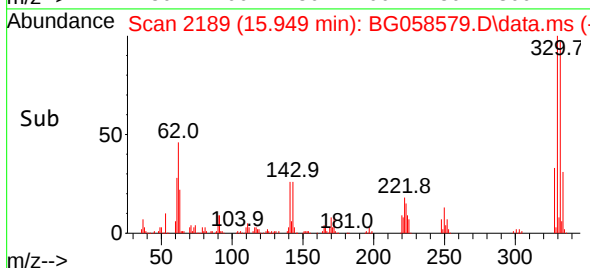
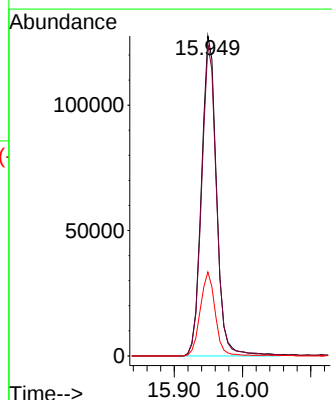
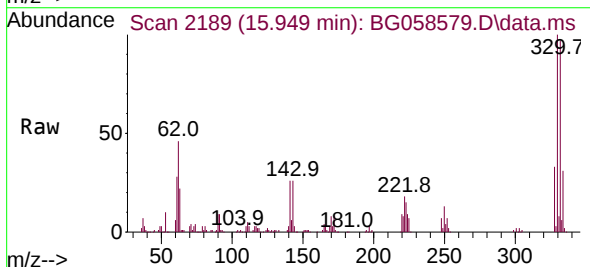
Instrument :
BNA_G
ClientSampleId :
SB-22-0-2-20230721

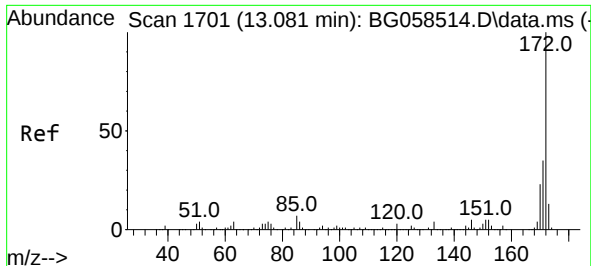
Tgt Ion:164 Resp: 151058
Ion Ratio Lower Upper
164 100
162 93.6 78.3 117.5
160 44.4 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 78.966 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG058579.D
Acq: 2 Aug 2023 15:25

Tgt Ion:330 Resp: 195515
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 26.0 20.7 31.1

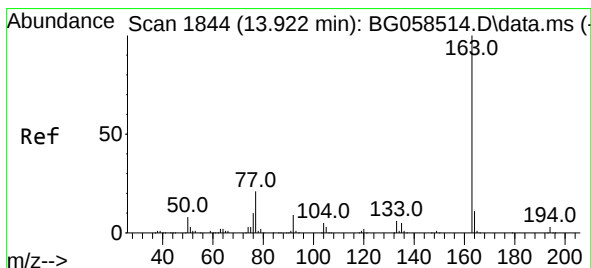
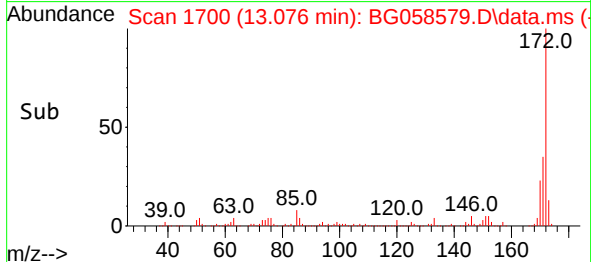
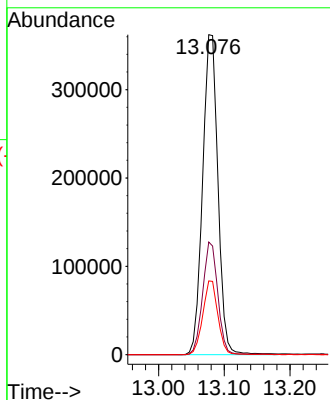
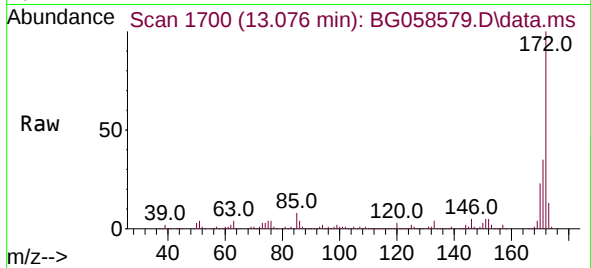




#45
2-Fluorobiphenyl
Concen: 58.043 ng
RT: 13.076 min Scan# 1700
Delta R.T. -0.005 min
Lab File: BG058579.D
Acq: 2 Aug 2023 15:25

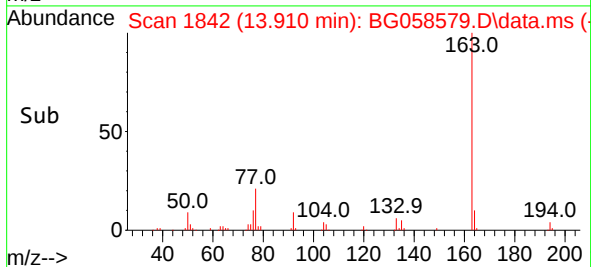
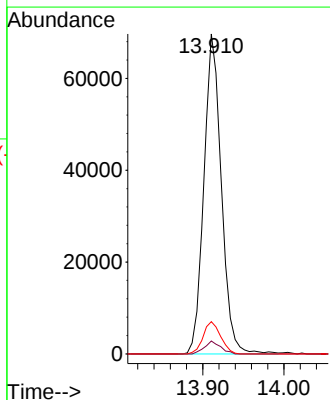
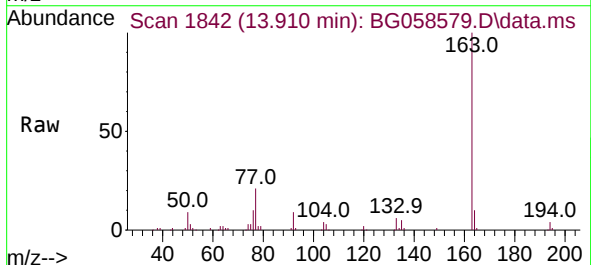
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BNA_G
ClientSampleId :
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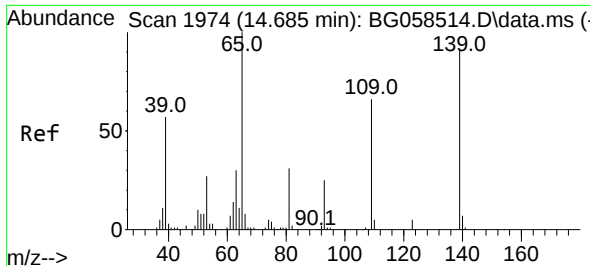
Tgt Ion:172 Resp: 585072
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.0 18.4 27.6



#50
Dimethylphthalate
Concen: 9.189 ng
RT: 13.910 min Scan# 1842
Delta R.T. -0.011 min
Lab File: BG058579.D
Acq: 2 Aug 2023 15:25

Tgt Ion:163 Resp: 104253
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.1 8.6 12.8

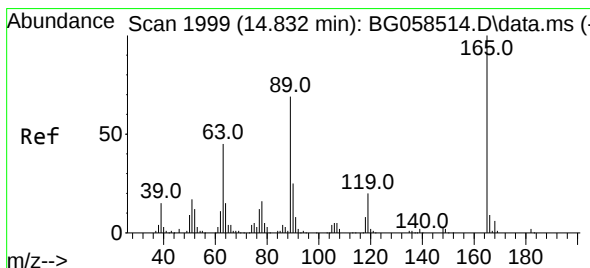
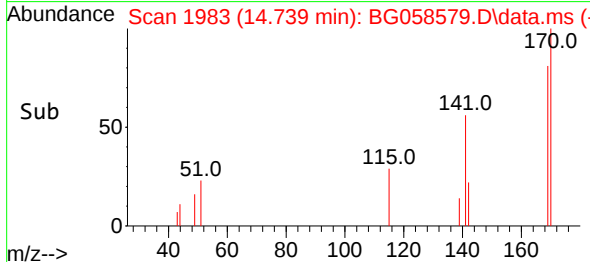
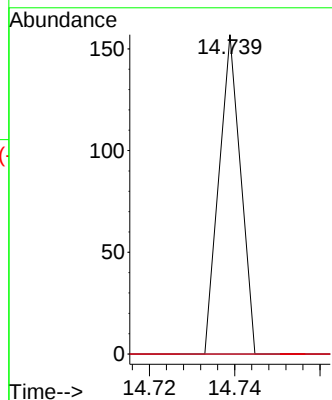
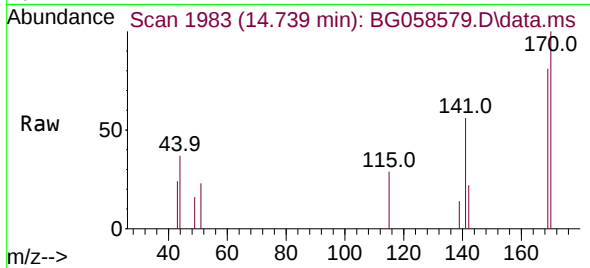




#56
4-Nitrophenol
Concen: 3.354 ng
RT: 14.739 min Scan# 1983
Delta R.T. 0.054 min
Lab File: BG058579.D
Acq: 2 Aug 2023 15:25

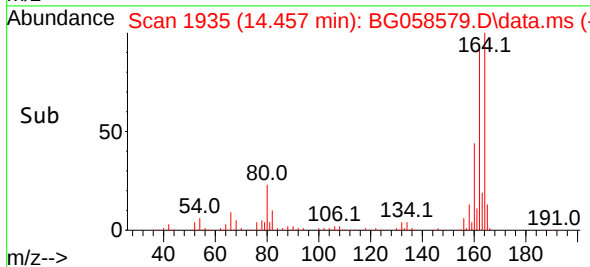
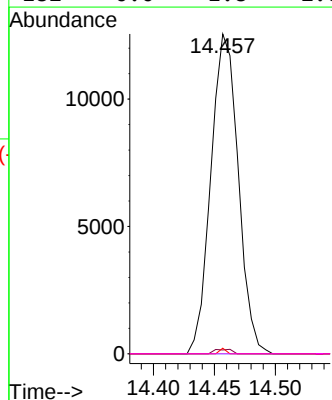
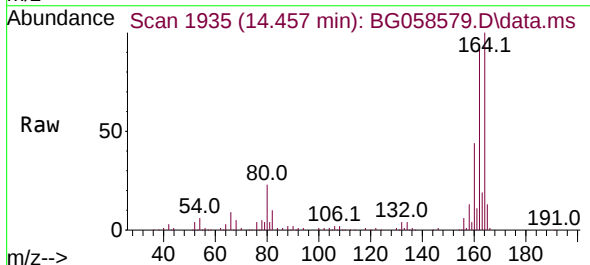
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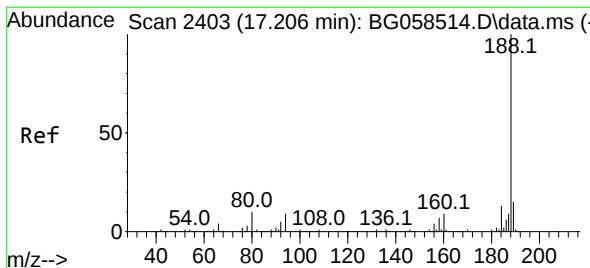
Tgt Ion:139 Resp: 55
Ion Ratio Lower Upper
139 100
109 0.0 52.5 92.5#
65 0.0 90.5 130.5#



#57
2,4-Dinitrotoluene
Concen: 5.692 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.375 min
Lab File: BG058579.D
Acq: 2 Aug 2023 15:25

Tgt Ion:165 Resp: 19645
Ion Ratio Lower Upper
165 100
63 1.2 36.6 54.8#
89 1.8 55.4 83.0#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 24

Delta R.T. 0.000 min

Lab File: BG058579.D

Acq: 2 Aug 2023 15:25

Instrument :

BNA_G

ClientSampleId :

SB-22-0-2-20230721

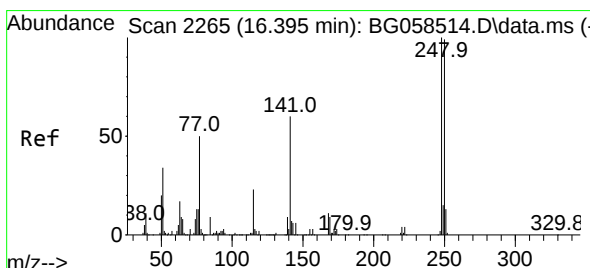
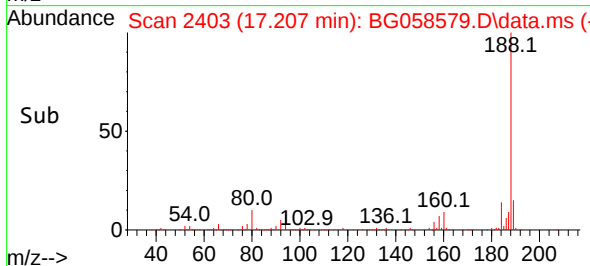
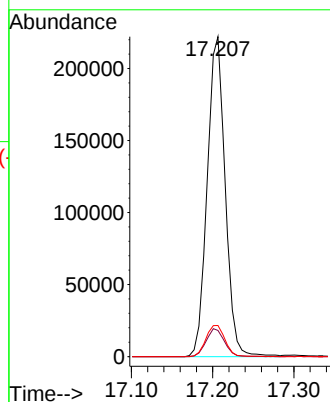
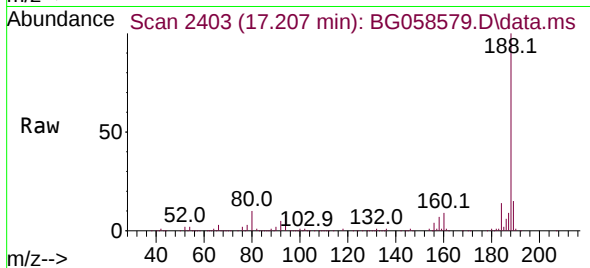
Tgt Ion:188 Resp: 341977

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

80 9.7 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 3.208 ng

RT: 15.949 min Scan# 2189

Delta R.T. -0.446 min

Lab File: BG058579.D

Acq: 2 Aug 2023 15:25

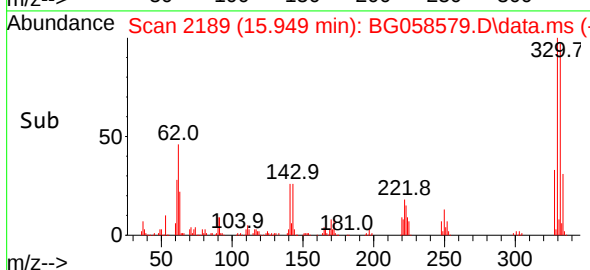
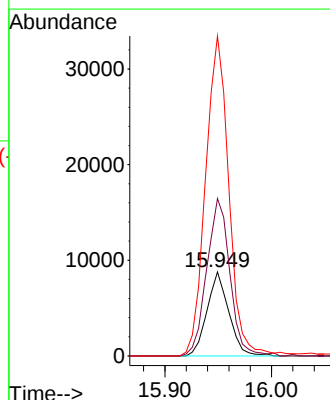
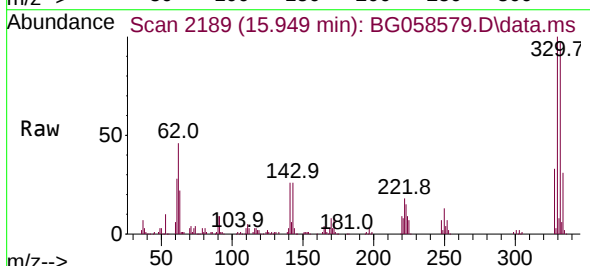
Tgt Ion:248 Resp: 12444

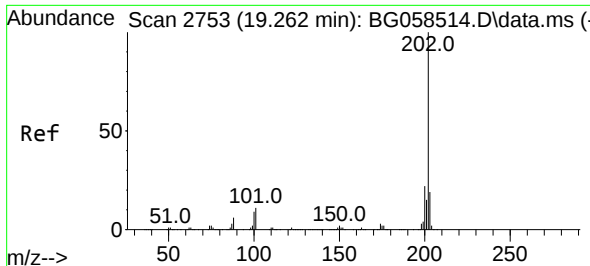
Ion Ratio Lower Upper

248 100

250 187.6 79.5 119.3#

141 381.5 48.2 72.2#

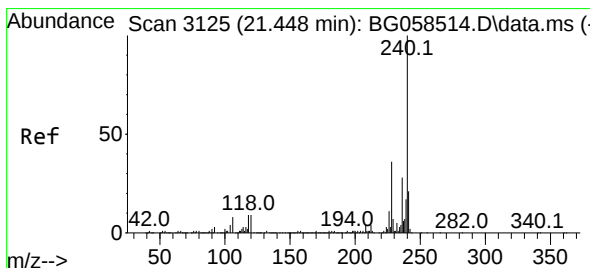
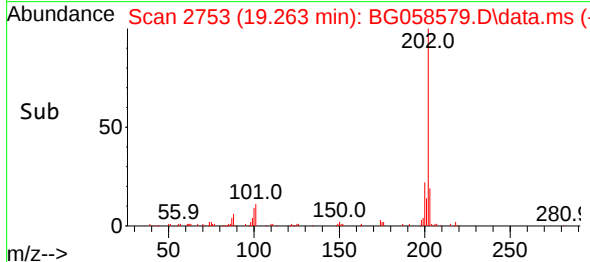
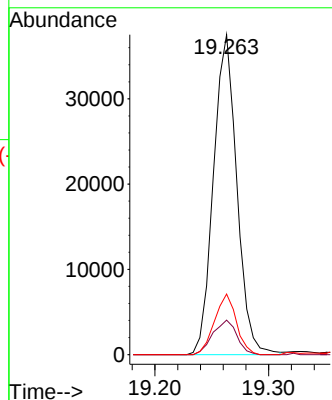
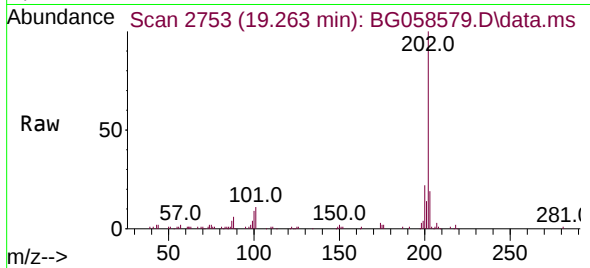




#75
Fluoranthene
Concen: 2.750 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058579.D
Acq: 2 Aug 2023 15:25

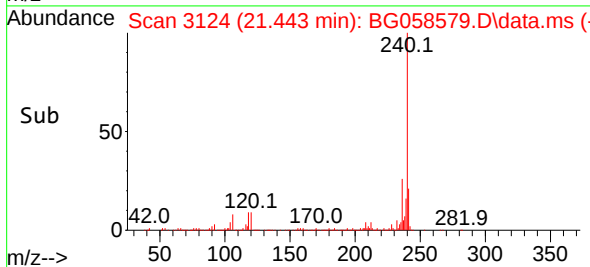
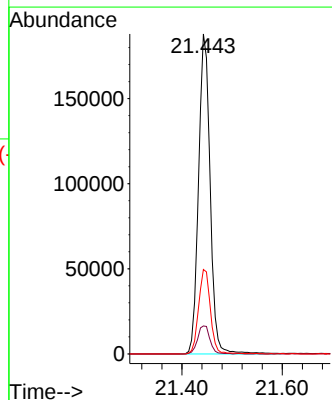
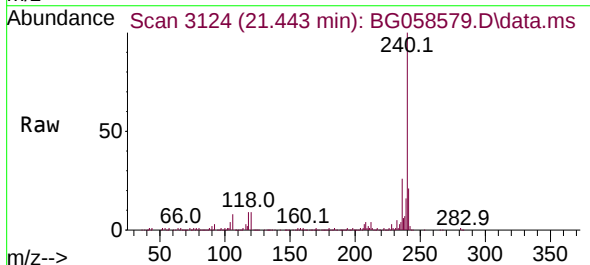
Instrument :
BNA_G
ClientSampleId :
SB-22-0-2-20230721

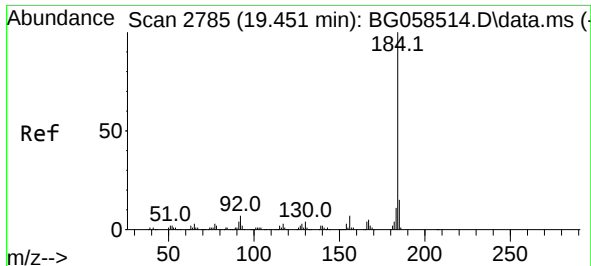
Tgt Ion:202 Resp: 53577
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.4
203 18.9 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.005 min
Lab File: BG058579.D
Acq: 2 Aug 2023 15:25

Tgt Ion:240 Resp: 300965
Ion Ratio Lower Upper
240 100
120 8.7 7.4 11.0
236 26.4 22.2 33.4

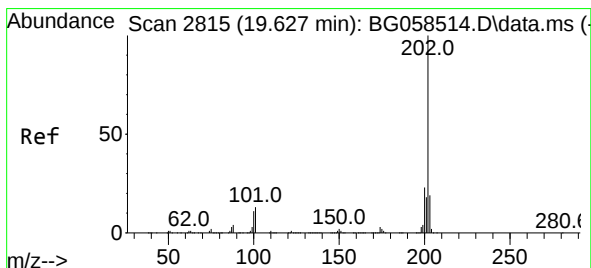
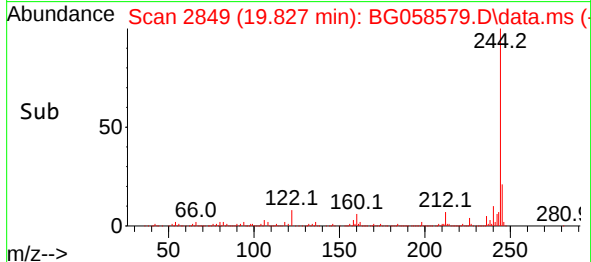
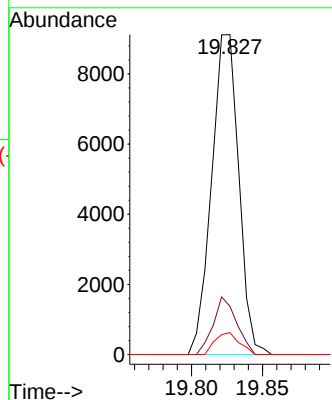
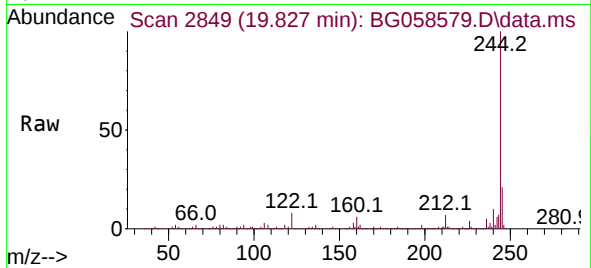




#77
Benzidine
Concen: 2.660 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.377 min
Lab File: BG058579.D
Acq: 2 Aug 2023 15:25

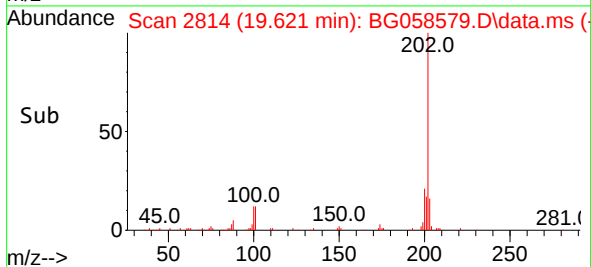
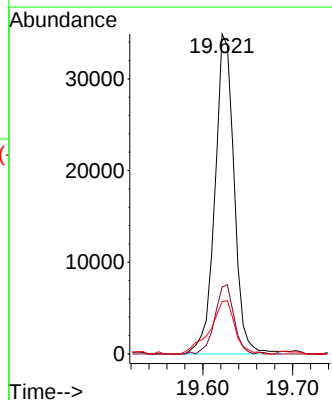
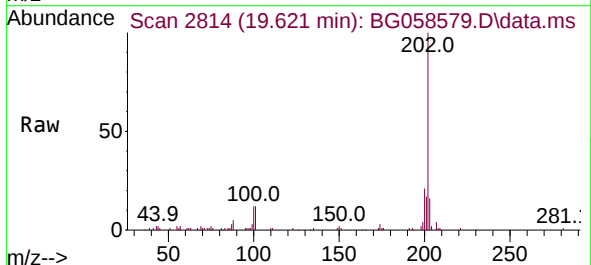
Instrument :
BNA_G
ClientSampleId :
SB-22-0-2-20230721

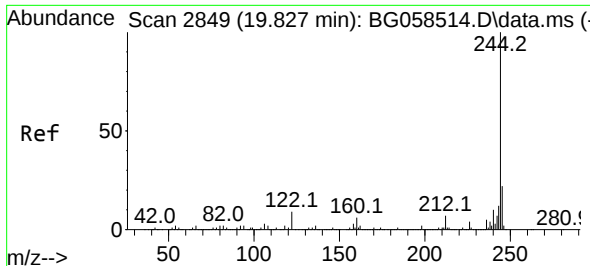
Tgt Ion:184 Resp: 12142
Ion Ratio Lower Upper
184 100
185 15.1 11.9 17.9
183 6.9 8.7 13.1#



#78
Pyrene
Concen: 2.533 ng
RT: 19.621 min Scan# 2814
Delta R.T. -0.005 min
Lab File: BG058579.D
Acq: 2 Aug 2023 15:25

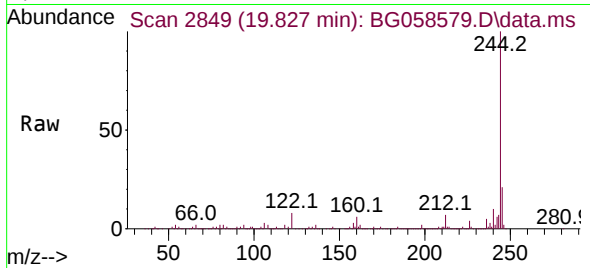
Tgt Ion:202 Resp: 51874
Ion Ratio Lower Upper
202 100
200 20.9 18.2 27.2
203 16.3 15.1 22.7



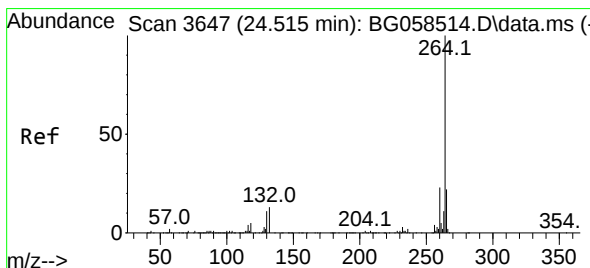
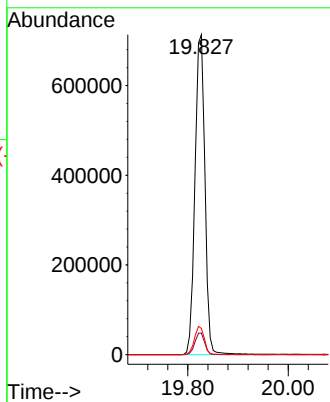
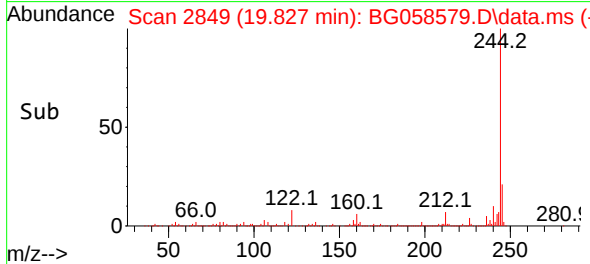


#79
 Terphenyl-d14
 Concen: 61.277 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. 0.000 min
 Lab File: BG058579.D
 Acq: 2 Aug 2023 15:25

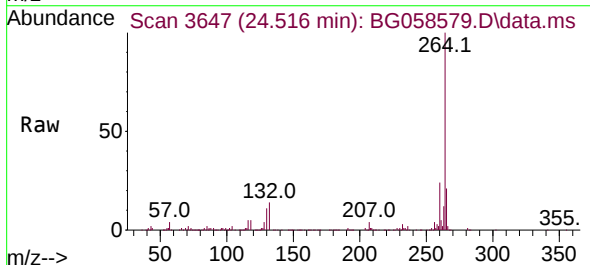
Instrument :
 BNA_G
 ClientSampleId :
 SB-22-0-2-20230721



Tgt Ion:244 Resp: 980701
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 8.2 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 3647
 Delta R.T. 0.001 min
 Lab File: BG058579.D
 Acq: 2 Aug 2023 15:25



Tgt Ion:264 Resp: 375712
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.1 17.9 26.9

