

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080223\
 Data File : BG058574.D
 Acq On : 2 Aug 2023 12:00
 Operator : MA/JU
 Sample : 03686-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-18-0-2-20230720

Quant Time: Aug 02 13:24:12 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)

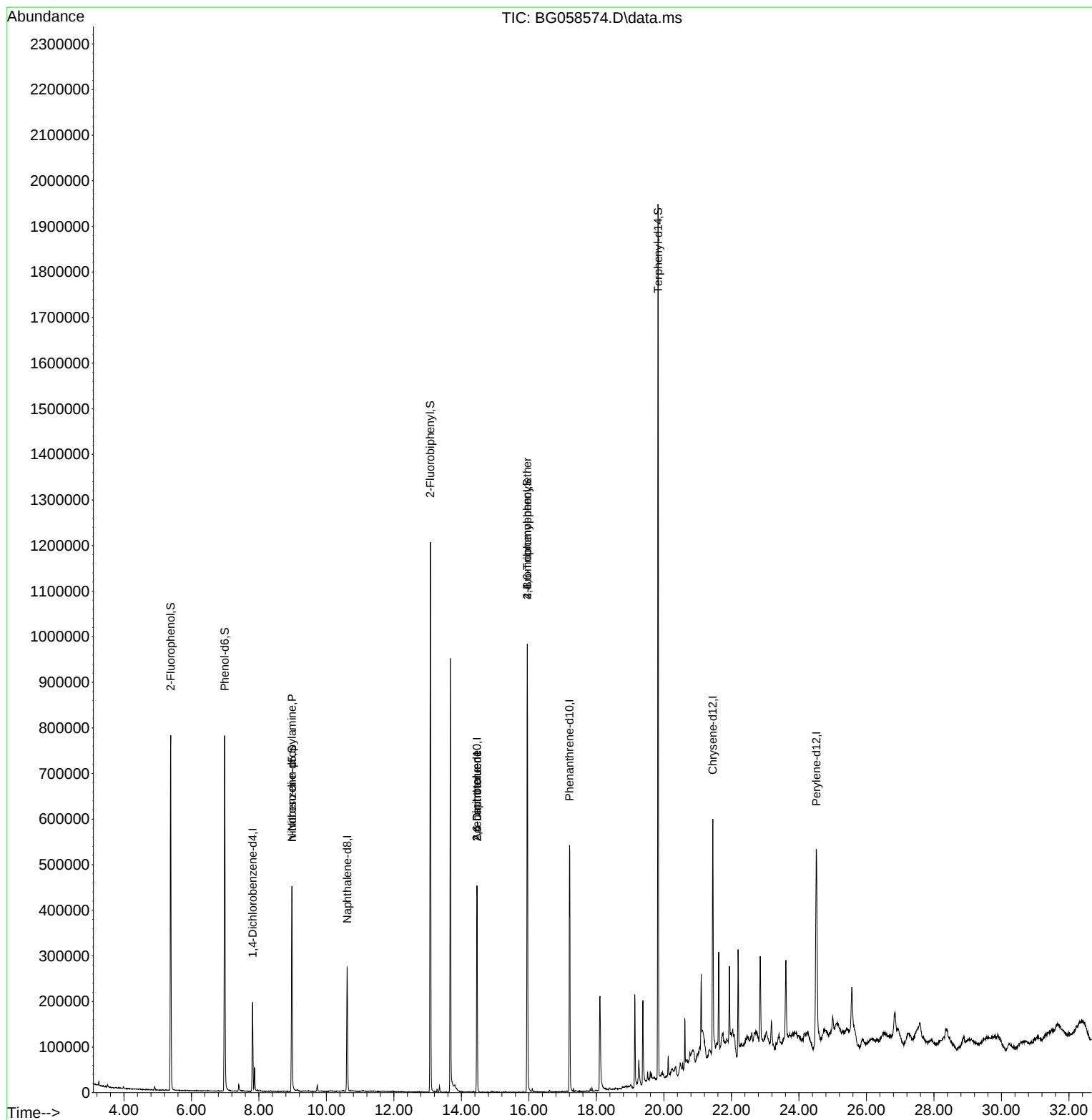
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	55461	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	240441	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	166640	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	361431	20.000	ng	0.00
76) Chrysene-d12	21.445	240	309515	20.000	ng	0.00
86) Perylene-d12	24.518	264	382439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.388	112	336403	92.710	ng	0.00
7) Phenol-d6	6.986	99	469151	92.918	ng	0.00
23) Nitrobenzene-d5	8.978	82	284463	58.120	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	223712	81.905	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	665879	59.882	ng	0.00
79) Terphenyl-d14	19.830	244	1057447	64.248	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.978	70	35899	11.007	ng	Qvalue
51) 2,6-Dinitrotoluene	14.459	165	20962	7.634	ng	# 80
57) 2,4-Dinitrotoluene	14.459	165	20962	5.506	ng	# 24
67) 4-Bromophenyl-phenylether	15.952	248	14373	3.506	ng	# 24
67) 4-Bromophenyl-phenylether	15.952	248	14373	3.506	ng	# 1

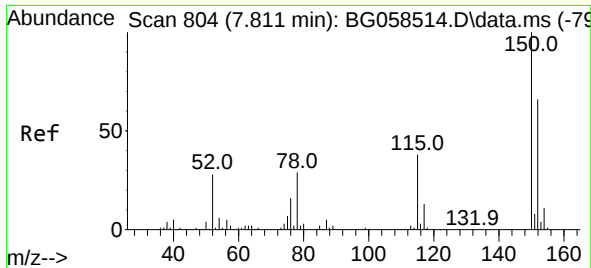
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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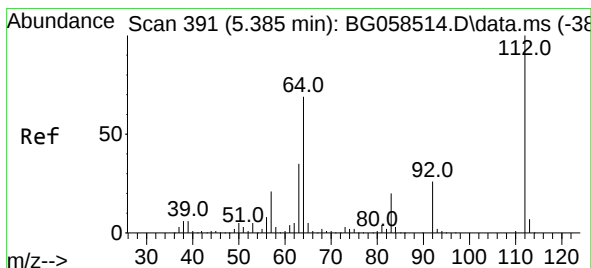
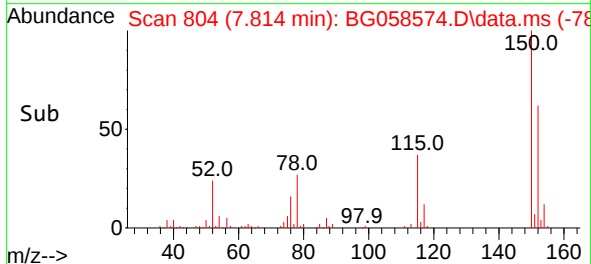
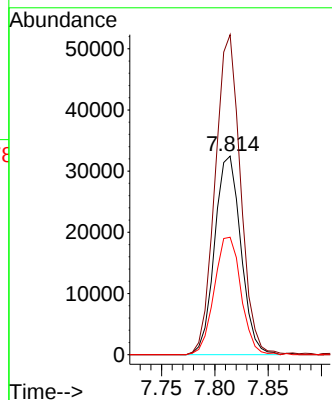
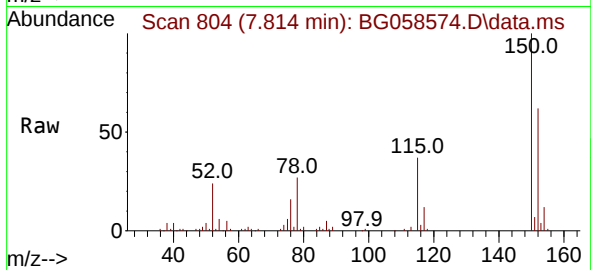




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.814 min Scan# 804
Delta R.T. 0.003 min
Lab File: BG058574.D
Acq: 2 Aug 2023 12:00

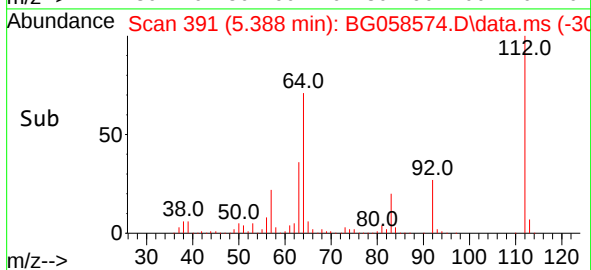
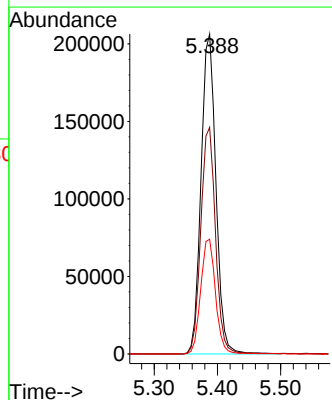
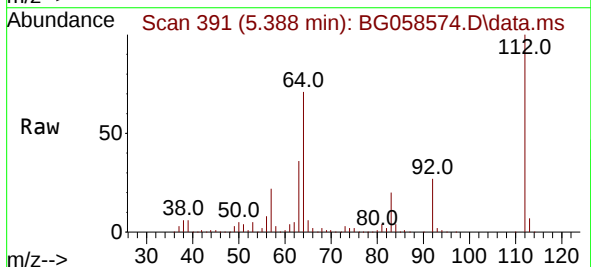
Instrument :
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ClientSampleId :
SB-18-0-2-20230720

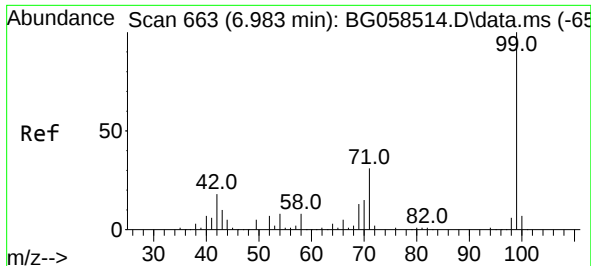
Tgt Ion:152 Resp: 55461
Ion Ratio Lower Upper
152 100
150 161.1 120.5 180.7
115 59.2 45.9 68.9



#5
2-Fluorophenol
Concen: 92.710 ng
RT: 5.388 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG058574.D
Acq: 2 Aug 2023 12:00

Tgt Ion:112 Resp: 336403
Ion Ratio Lower Upper
112 100
64 70.8 55.3 82.9
63 35.8 28.3 42.5

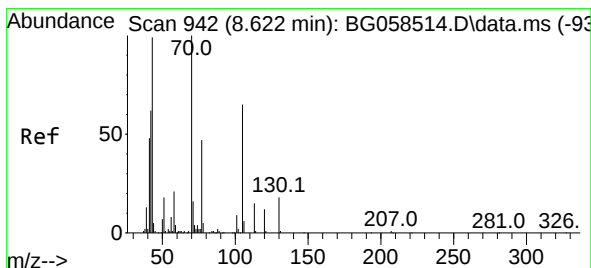
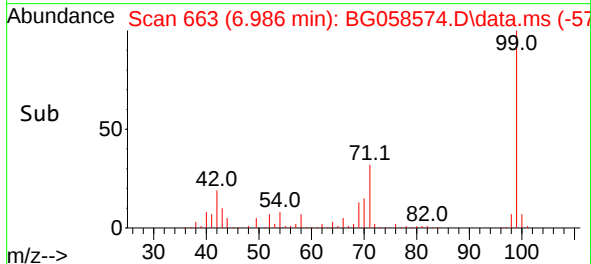
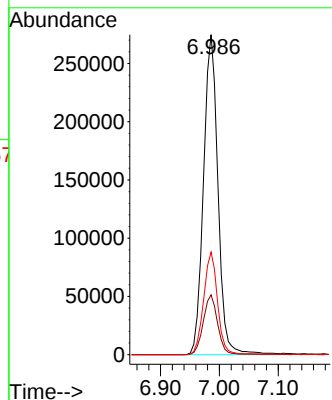
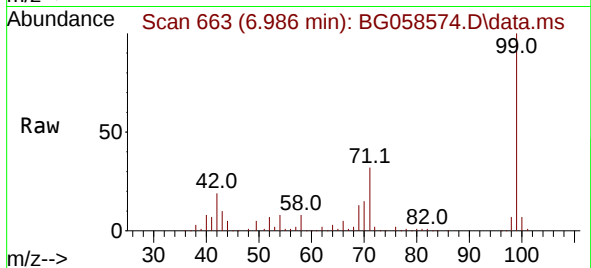




#7
Phenol-d6
Concen: 92.918 ng
RT: 6.986 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG058574.D
Acq: 2 Aug 2023 12:00

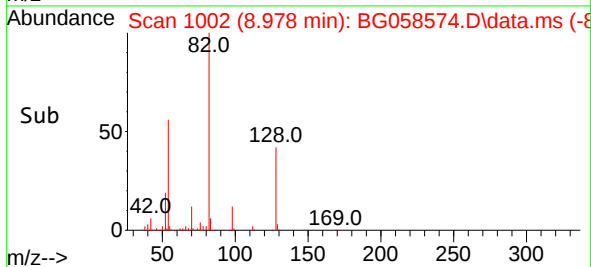
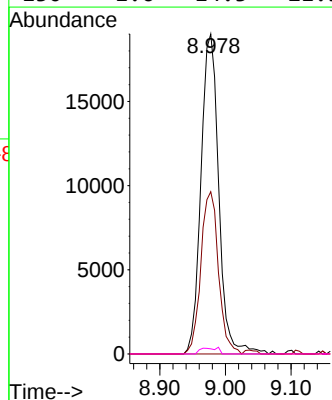
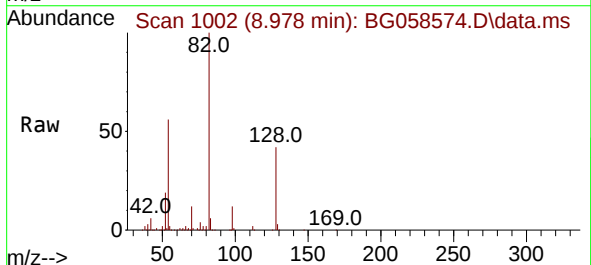
Instrument :
BNA_G
ClientSampleId :
SB-18-0-2-20230720

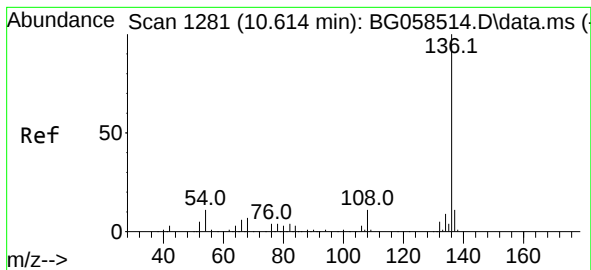
Tgt Ion: 99 Resp: 469151
Ion Ratio Lower Upper
99 100
42 18.7 14.6 21.8
71 32.1 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.007 ng
RT: 8.978 min Scan# 1002
Delta R.T. 0.356 min
Lab File: BG058574.D
Acq: 2 Aug 2023 12:00

Tgt Ion: 70 Resp: 35899
Ion Ratio Lower Upper
70 100
42 50.7 49.7 74.5
101 0.0 7.0 10.4#
130 1.6 14.3 21.5#

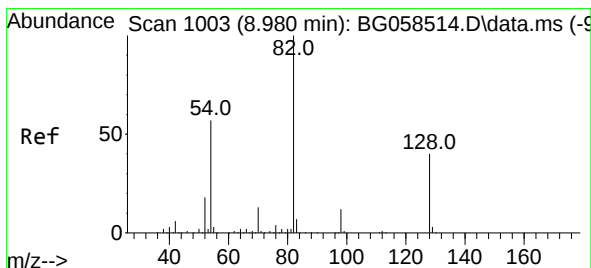
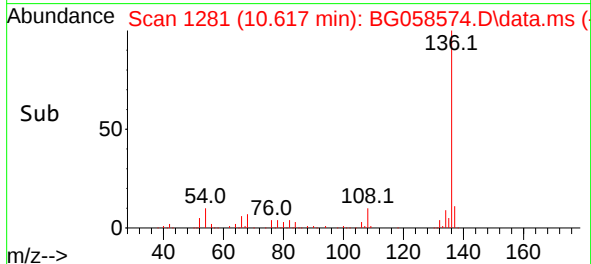
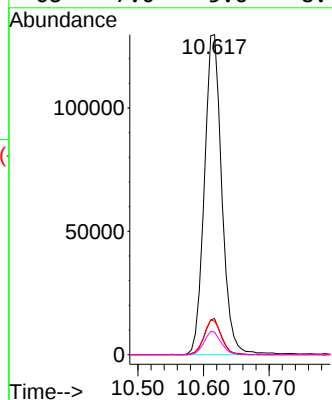
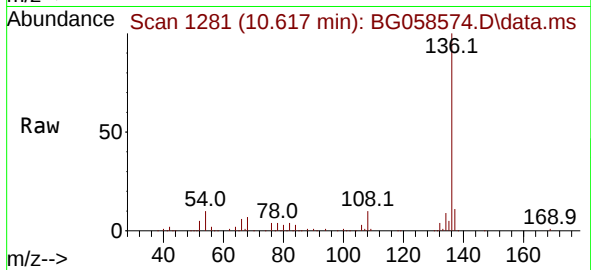




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 1002
Delta R.T. 0.003 min
Lab File: BG058574.D
Acq: 2 Aug 2023 12:00

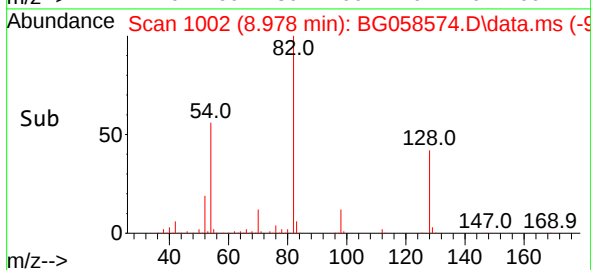
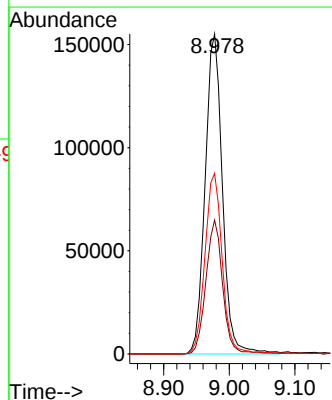
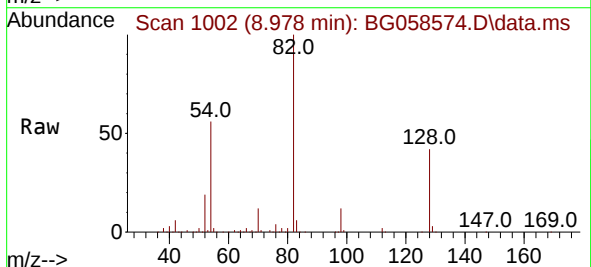
Instrument :
BNA_G
ClientSampleId :
SB-18-0-2-20230720

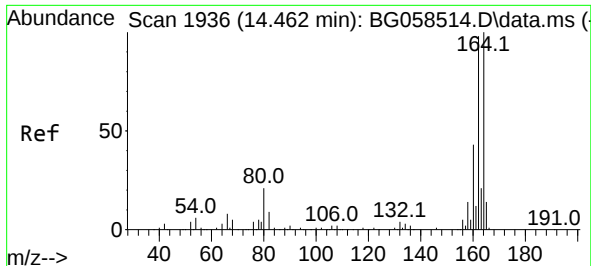
Tgt Ion:136 Resp: 240441
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 10.4 8.9 13.3
68 7.0 5.6 8.4



#23
Nitrobenzene-d5
Concen: 58.120 ng
RT: 8.978 min Scan# 1002
Delta R.T. -0.003 min
Lab File: BG058574.D
Acq: 2 Aug 2023 12:00

Tgt Ion: 82 Resp: 284463
Ion Ratio Lower Upper
82 100
128 41.8 32.2 48.2
54 56.4 46.0 69.0

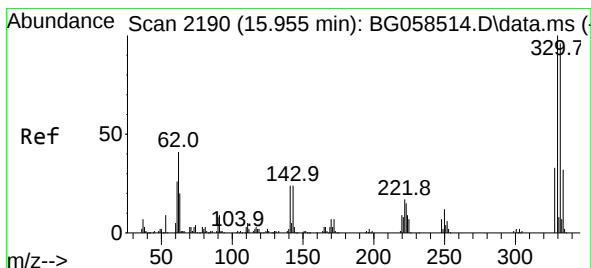
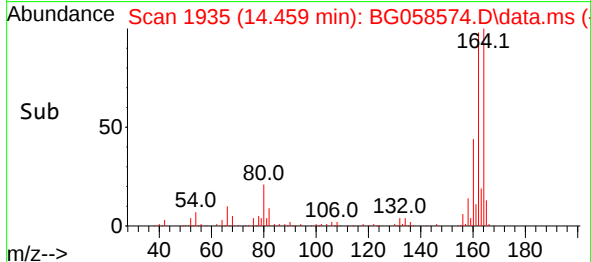
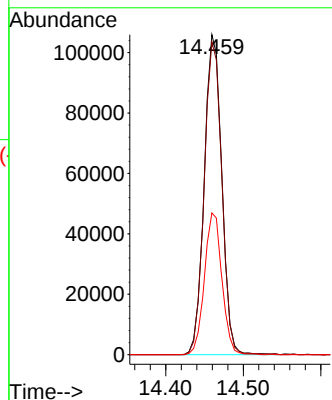
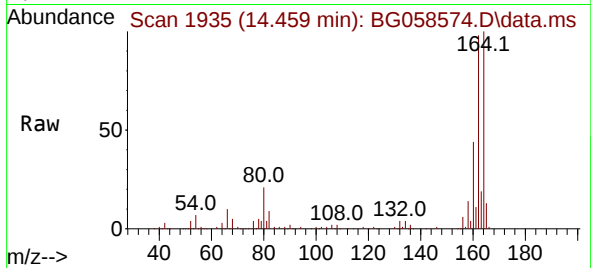




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG058574.D
Acq: 2 Aug 2023 12:00

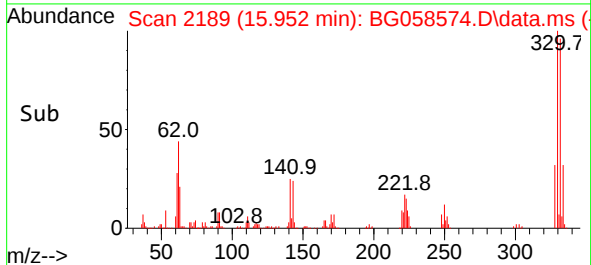
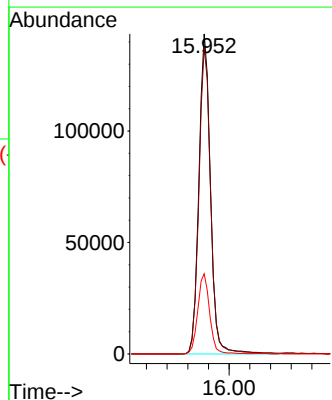
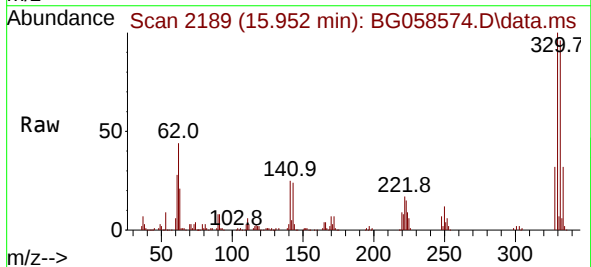
Instrument :
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ClientSampleId :
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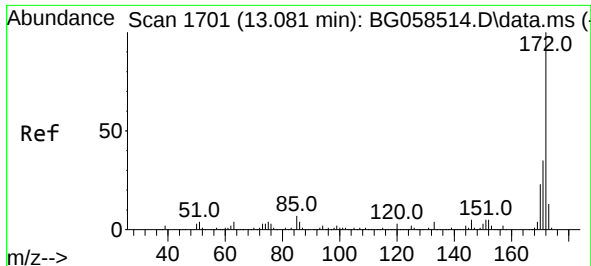
Tgt Ion:164 Resp: 166640
Ion Ratio Lower Upper
164 100
162 97.8 78.3 117.5
160 44.3 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 81.905 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.003 min
Lab File: BG058574.D
Acq: 2 Aug 2023 12:00

Tgt Ion:330 Resp: 223712
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 25.6 20.7 31.1

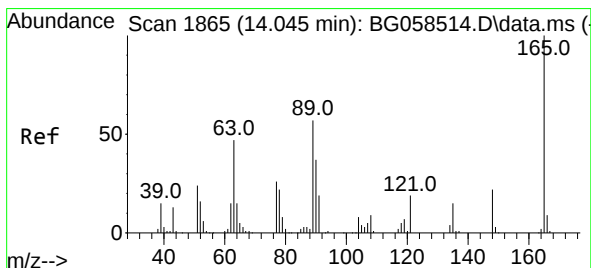
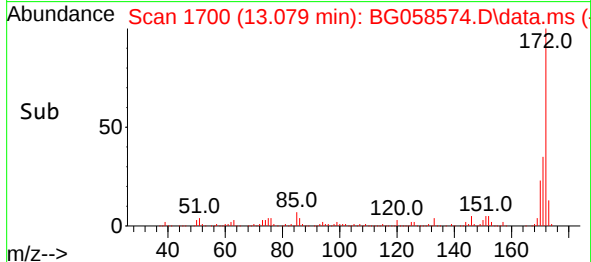
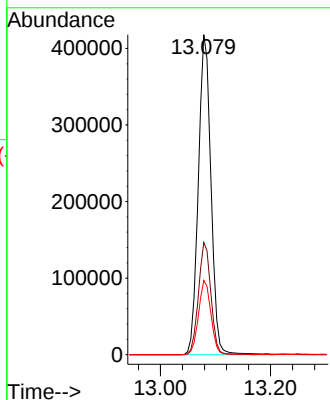
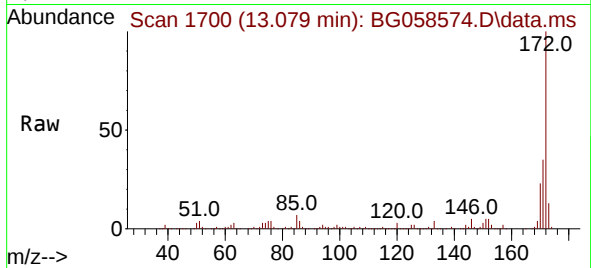




#45
2-Fluorobiphenyl
Concen: 59.882 ng
RT: 13.079 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG058574.D
Acq: 2 Aug 2023 12:00

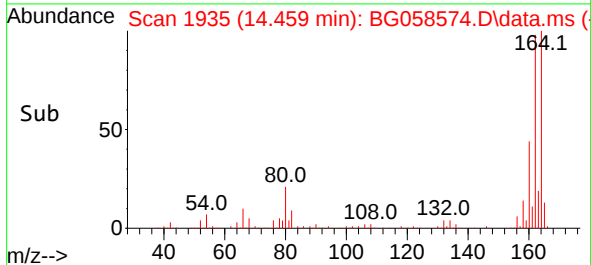
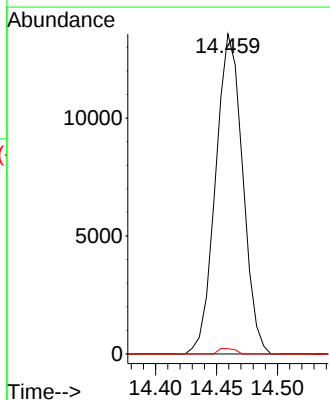
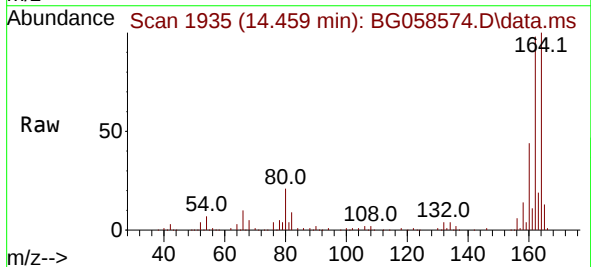
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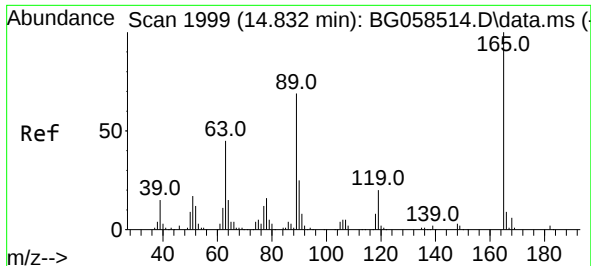
Tgt Ion:172 Resp: 665879
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.2 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 7.634 ng
RT: 14.459 min Scan# 1935
Delta R.T. 0.414 min
Lab File: BG058574.D
Acq: 2 Aug 2023 12:00

Tgt Ion:165 Resp: 20962
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 1.7 45.3 67.9#





#57

2,4-Dinitrotoluene

Concen: 5.506 ng

RT: 14.459 min Scan# 1999

Delta R.T. -0.373 min

Lab File: BG058574.D

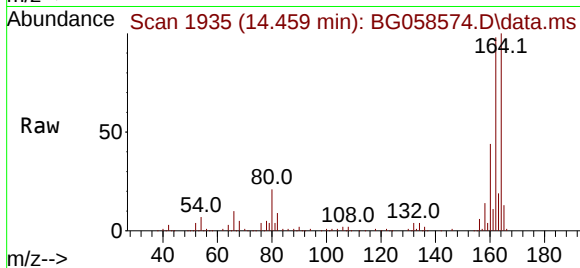
Acq: 2 Aug 2023 12:00

Instrument :

BNA_G

ClientSampleId :

SB-18-0-2-20230720



Tgt Ion:165 Resp: 20962

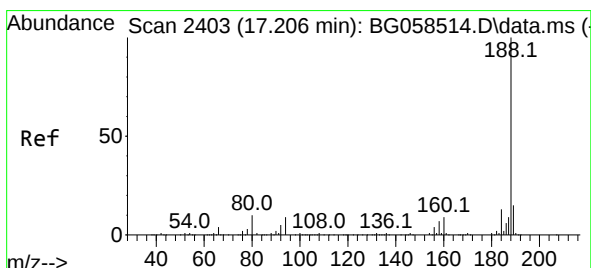
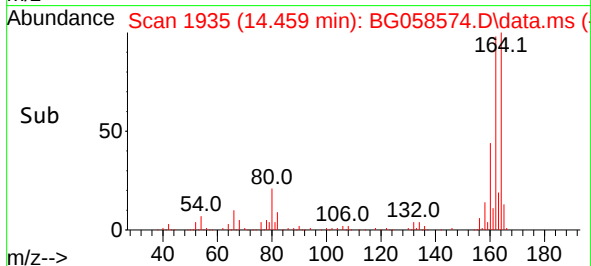
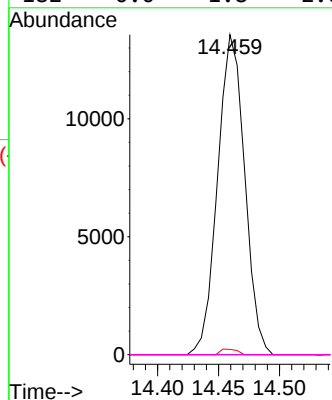
Ion Ratio Lower Upper

165 100

63 0.0 36.6 54.8#

89 1.7 55.4 83.0#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.203 min Scan# 2402

Delta R.T. -0.003 min

Lab File: BG058574.D

Acq: 2 Aug 2023 12:00

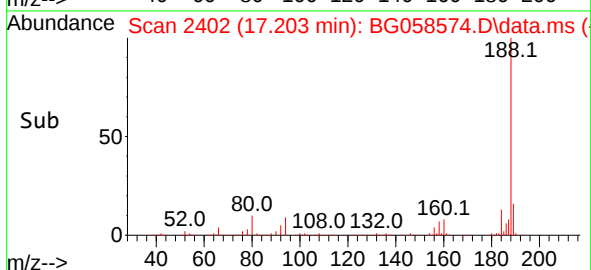
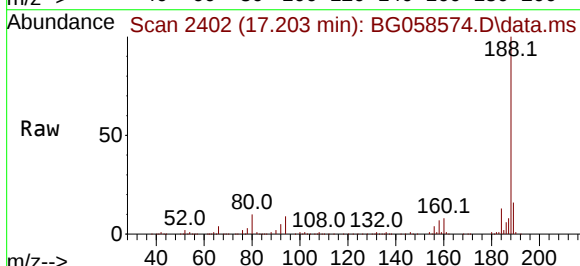
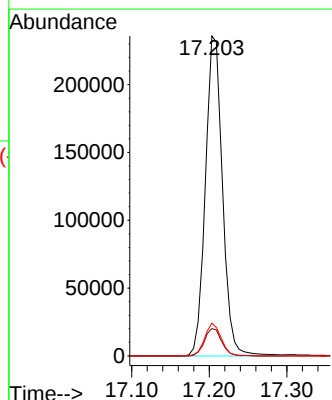
Tgt Ion:188 Resp: 361431

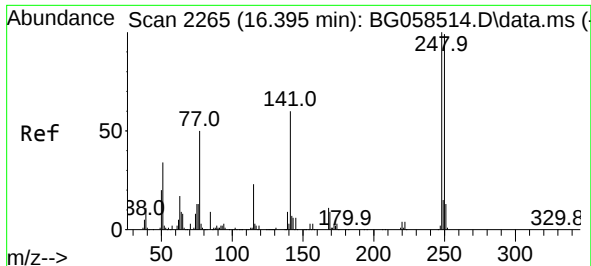
Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

80 10.2 8.1 12.1

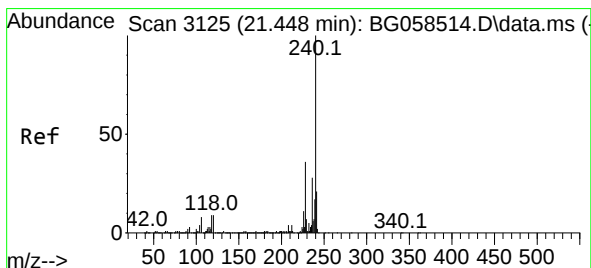
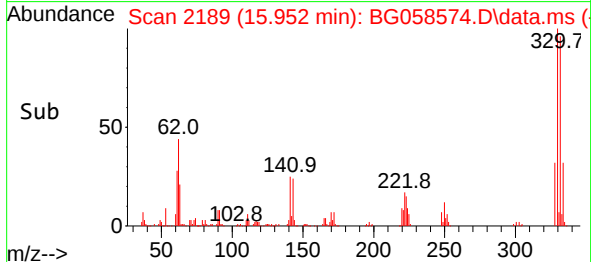
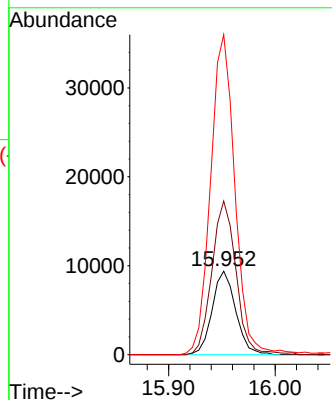
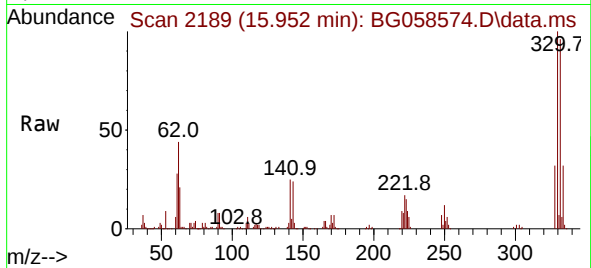




#67
4-Bromophenyl-phenylether
Concen: 3.506 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.444 min
Lab File: BG058574.D
Acq: 2 Aug 2023 12:00

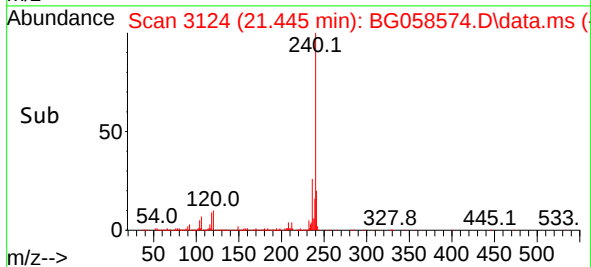
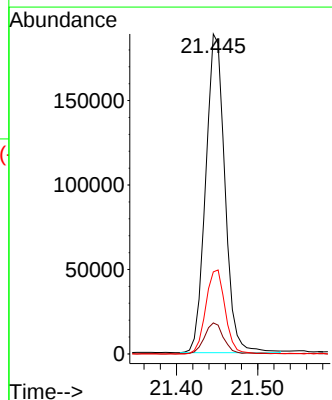
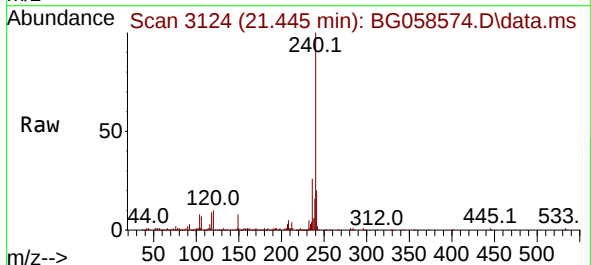
Instrument :
BNA_G
ClientSampleId :
SB-18-0-2-20230720

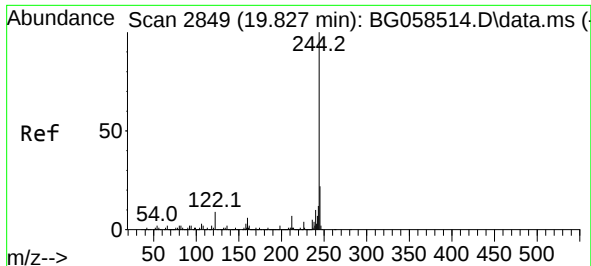
Tgt Ion:248 Resp: 14373
Ion Ratio Lower Upper
248 100
250 184.1 79.5 119.3#
141 383.4 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BG058574.D
Acq: 2 Aug 2023 12:00

Tgt Ion:240 Resp: 309515
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 25.7 22.2 33.4

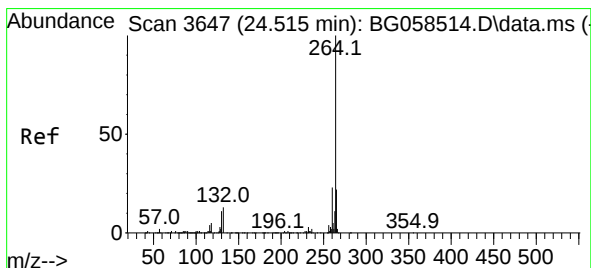
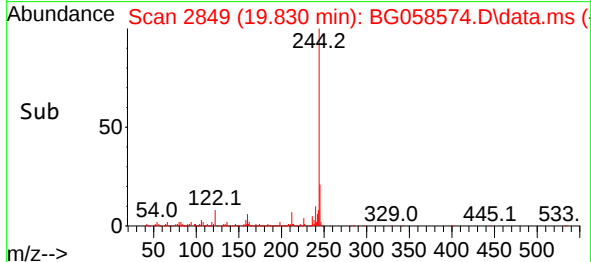
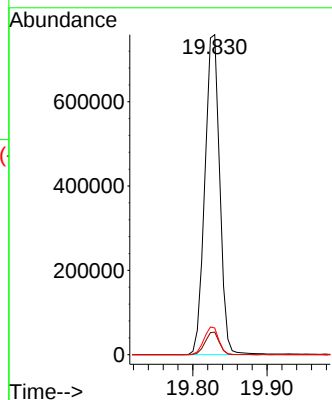
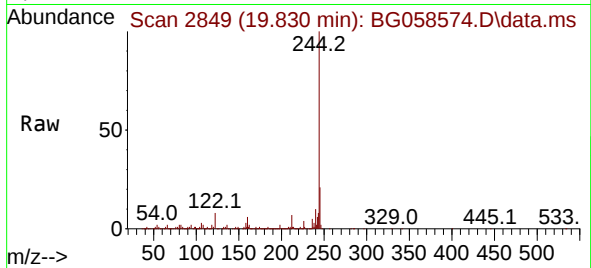




#79
 Terphenyl-d14
 Concen: 64.248 ng
 RT: 19.830 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG058574.D
 Acq: 2 Aug 2023 12:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-18-0-2-20230720

Tgt Ion:244 Resp: 1057447
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.3 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.518 min Scan# 3647
 Delta R.T. 0.003 min
 Lab File: BG058574.D
 Acq: 2 Aug 2023 12:00

Tgt Ion:264 Resp: 382439
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 21.8 17.9 26.9

