

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080223\
 Data File : BG058572.D
 Acq On : 2 Aug 2023 10:39
 Operator : MA/JU
 Sample : 03645-05RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-09-(2.0-4.0)

Quant Time: Aug 02 12:46:02 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)

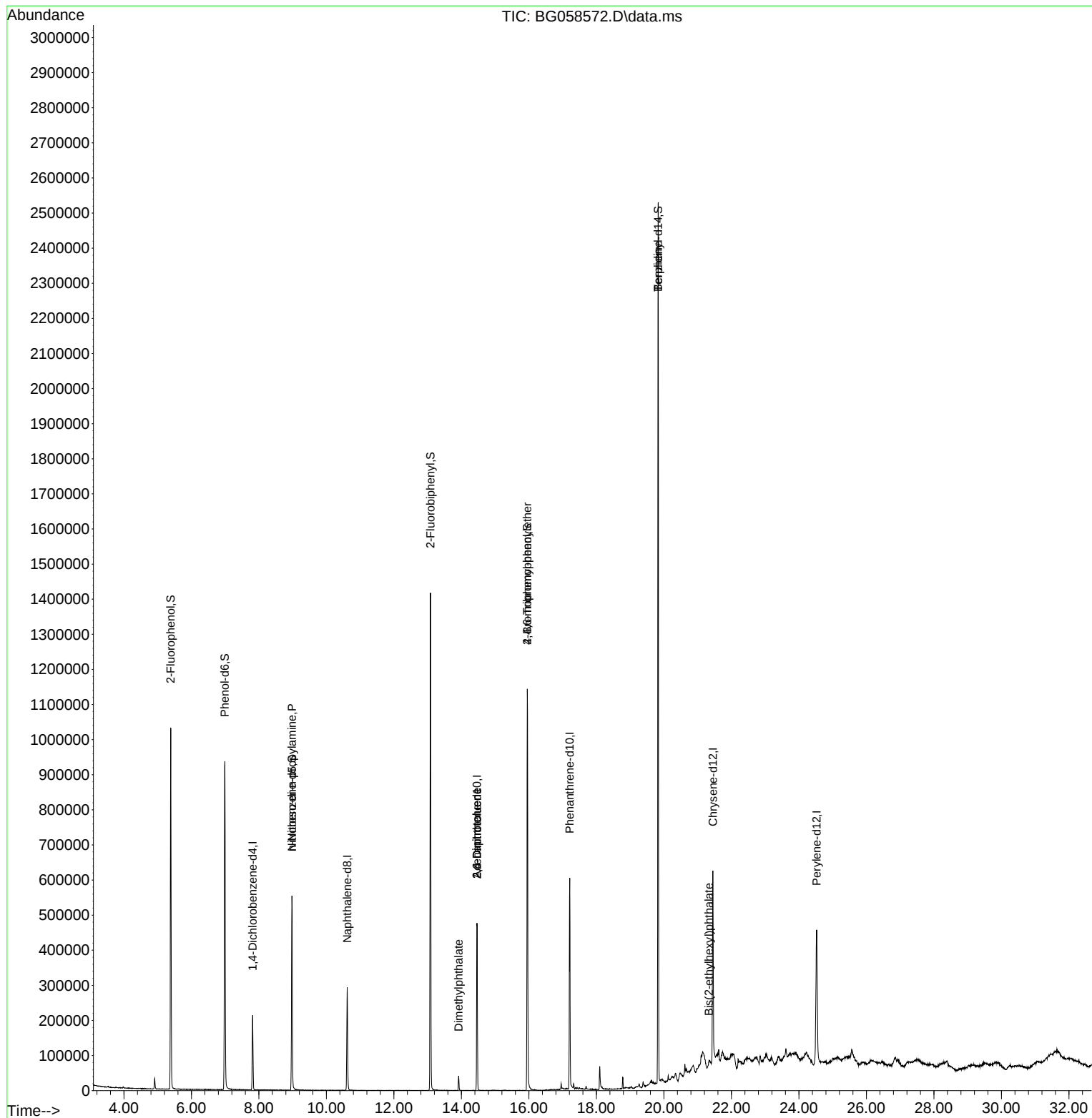
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	58172	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	254632	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	173135	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	388943	20.000	ng	0.00
76) Chrysene-d12	21.451	240	335998	20.000	ng	0.00
86) Perylene-d12	24.524	264	415042	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.388	112	424515	111.540	ng	0.00
7) Phenol-d6	6.992	99	588949	111.209	ng	0.00
23) Nitrobenzene-d5	8.977	82	350380	67.598	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	265183	93.446	ng	0.00
45) 2-Fluorobiphenyl	13.084	172	784686	67.920	ng	0.00
79) Terphenyl-d14	19.829	244	1313986	73.542	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.977	70	44171	12.913	ng	Qvalue
50) Dimethylphthalate	13.919	163	30826	2.371	ng	# 77
51) 2,6-Dinitrotoluene	14.459	165	22465	7.874	ng	# 95
57) 2,4-Dinitrotoluene	14.459	165	22465	5.680	ng	# 24
67) 4-Bromophenyl-phenylether	15.952	248	16367	3.710	ng	# 25
77) Benzidine	19.829	184	16861	3.309	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.334	149	32333	2.356	ng	# 94

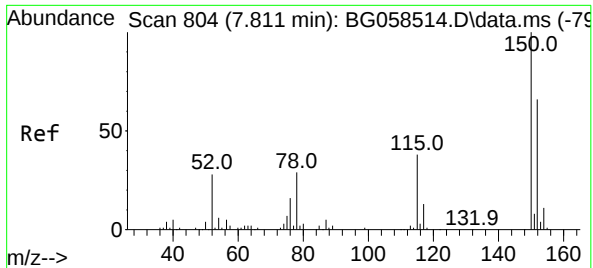
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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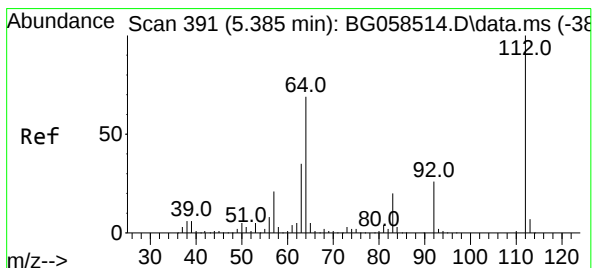
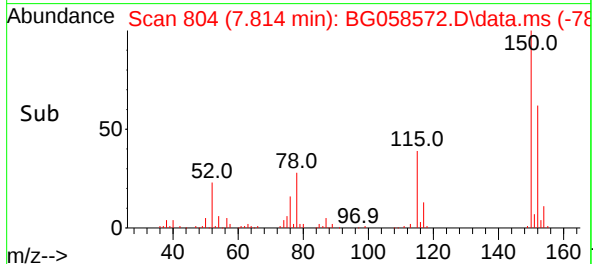
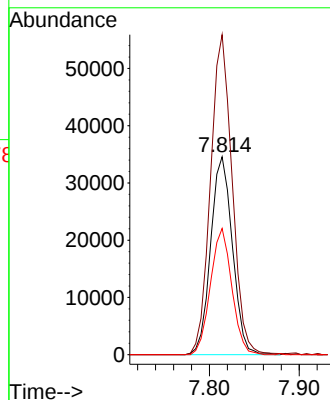
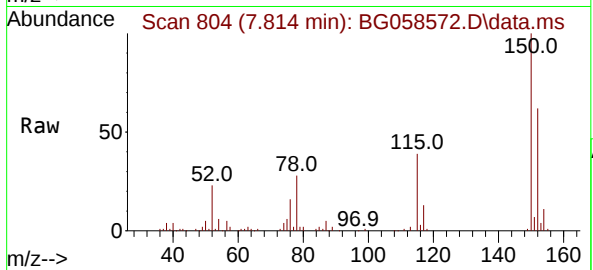




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.814 min Scan# 804
Delta R.T. 0.003 min
Lab File: BG058572.D
Acq: 2 Aug 2023 10:39

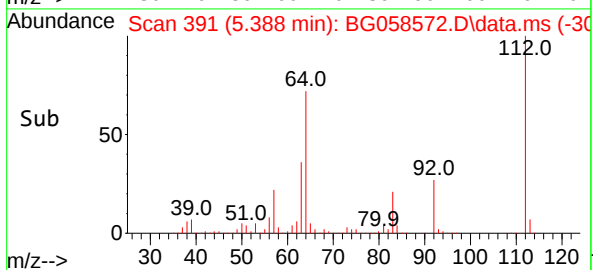
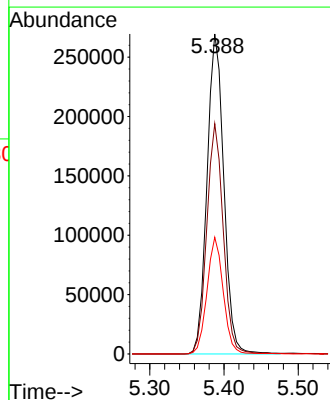
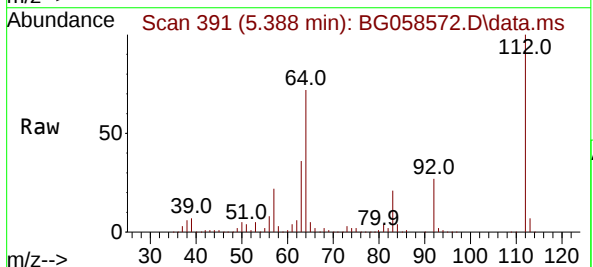
Instrument :
BNA_G
ClientSampleId :
SB-09-(2.0-4.0)

Tgt Ion:152 Resp: 58172
Ion Ratio Lower Upper
152 100
150 161.6 120.5 180.7
115 63.8 45.9 68.9



#5
2-Fluorophenol
Concen: 111.540 ng
RT: 5.388 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG058572.D
Acq: 2 Aug 2023 10:39

Tgt Ion:112 Resp: 424515
Ion Ratio Lower Upper
112 100
64 72.0 55.3 82.9
63 36.5 28.3 42.5

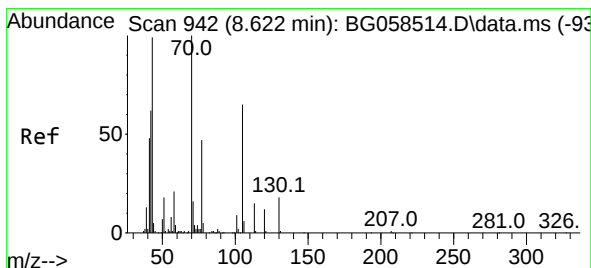
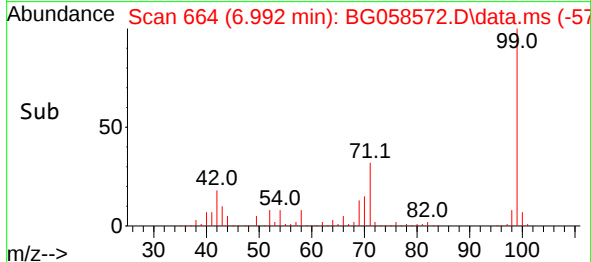
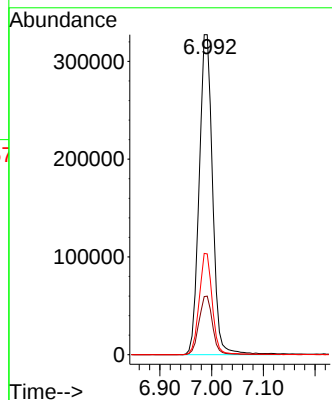
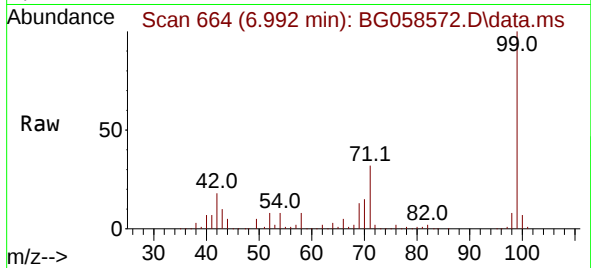




#7
Phenol-d6
Concen: 111.209 ng
RT: 6.992 min Scan# 6
Delta R.T. 0.009 min
Lab File: BG058572.D
Acq: 2 Aug 2023 10:39

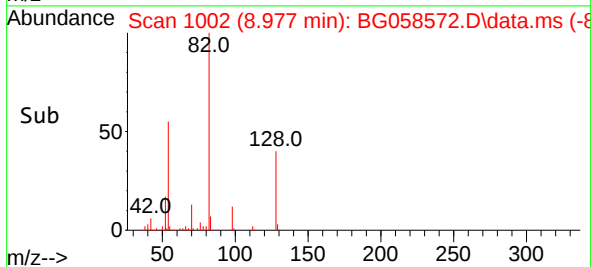
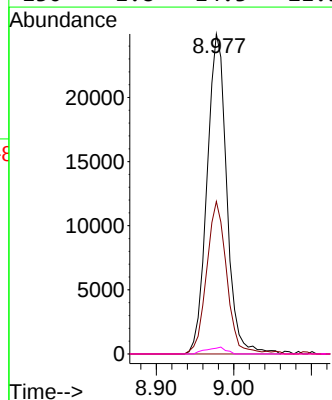
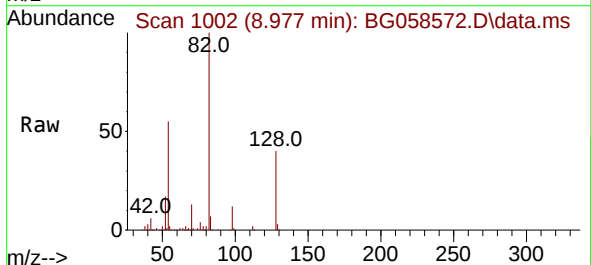
Instrument :
BNA_G
ClientSampleId :
SB-09-(2.0-4.0)

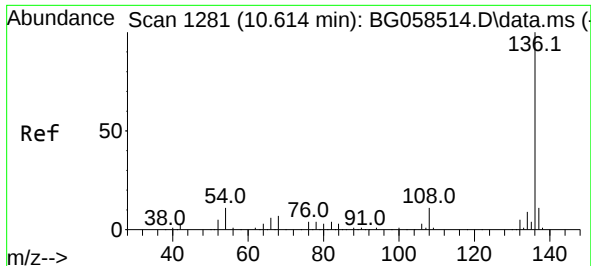
Tgt Ion: 99 Resp: 588949
Ion Ratio Lower Upper
99 100
42 18.3 14.6 21.8
71 31.5 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.913 ng
RT: 8.977 min Scan# 1002
Delta R.T. 0.355 min
Lab File: BG058572.D
Acq: 2 Aug 2023 10:39

Tgt Ion: 70 Resp: 44171
Ion Ratio Lower Upper
70 100
42 47.7 49.7 74.5#
101 0.0 7.0 10.4#
130 1.8 14.3 21.5#



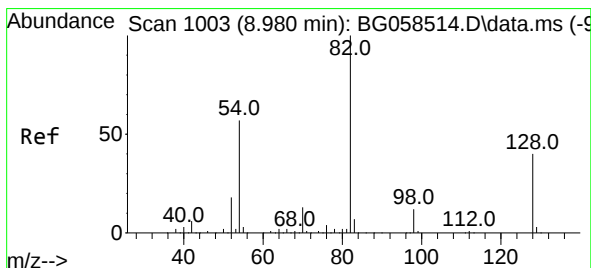
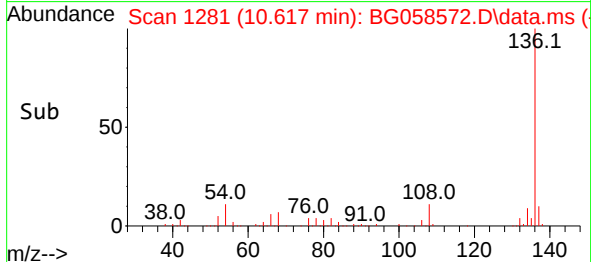
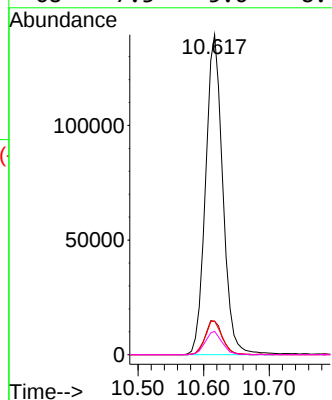
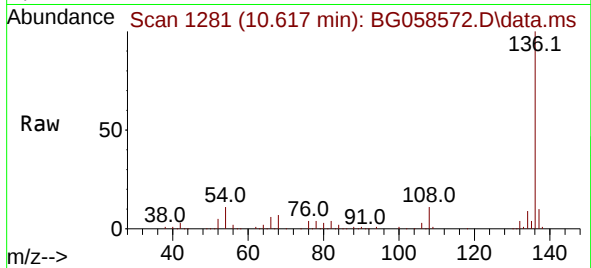


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG058572.D
Acq: 2 Aug 2023 10:39

Instrument :
BNA_G
ClientSampleId :
SB-09-(2.0-4.0)

Tgt Ion:136 Resp: 254632

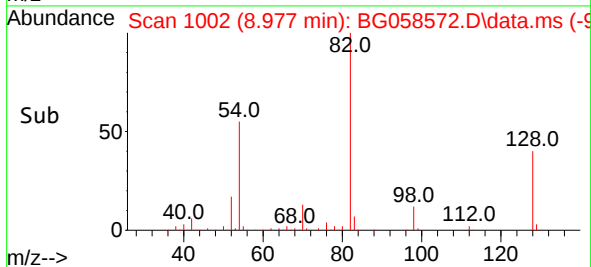
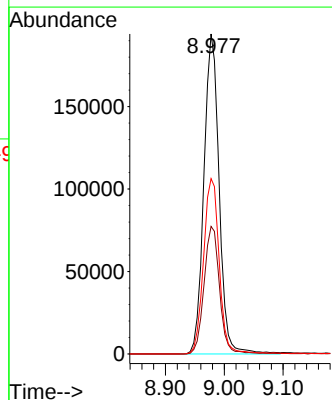
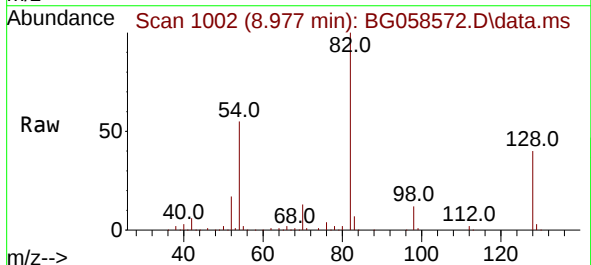
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	10.5	8.9	13.3
68	7.3	5.6	8.4

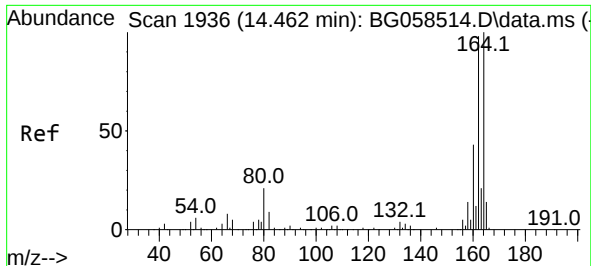


#23
Nitrobenzene-d5
Concen: 67.598 ng
RT: 8.977 min Scan# 1002
Delta R.T. -0.003 min
Lab File: BG058572.D
Acq: 2 Aug 2023 10:39

Tgt Ion: 82 Resp: 350380

Ion	Ratio	Lower	Upper
82	100		
128	39.8	32.2	48.2
54	54.8	46.0	69.0

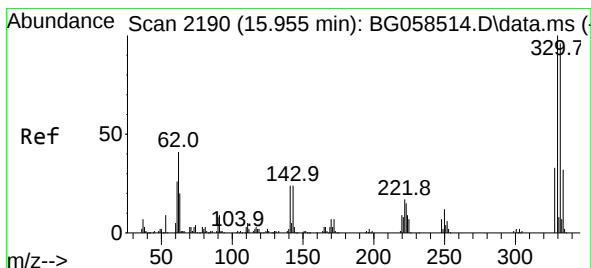
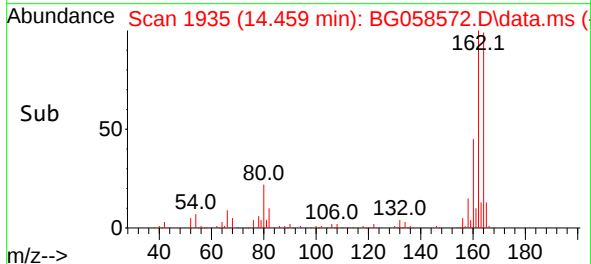
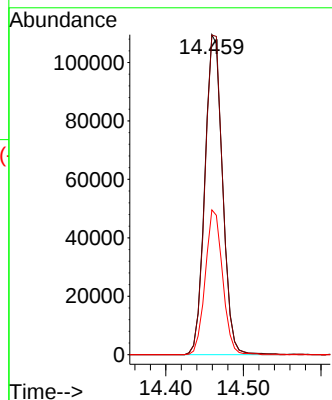
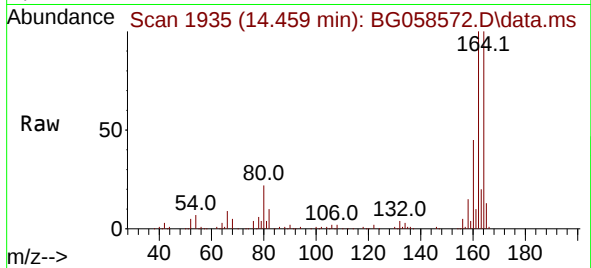




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG058572.D
Acq: 2 Aug 2023 10:39

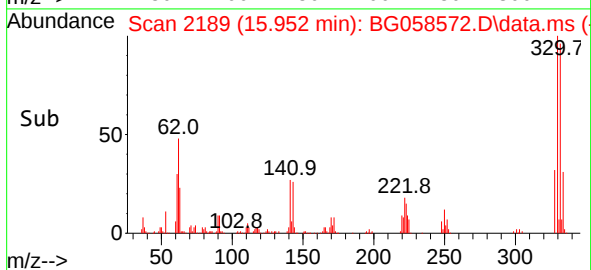
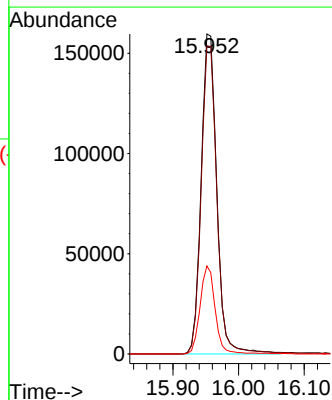
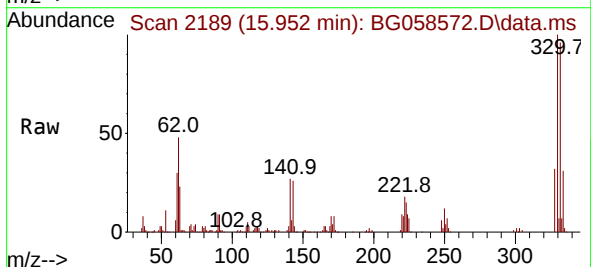
Instrument :
BNA_G
ClientSampleId :
SB-09-(2.0-4.0)

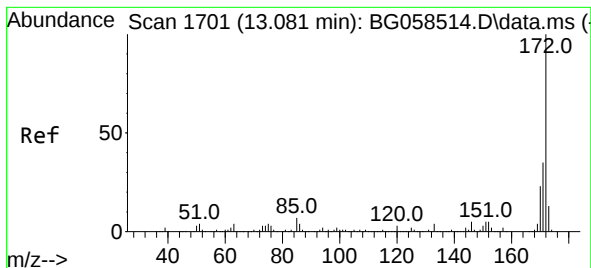
Tgt Ion:164 Resp: 173135
Ion Ratio Lower Upper
164 100
162 99.9 78.3 117.5
160 45.3 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 93.446 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.003 min
Lab File: BG058572.D
Acq: 2 Aug 2023 10:39

Tgt Ion:330 Resp: 265183
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 26.6 20.7 31.1

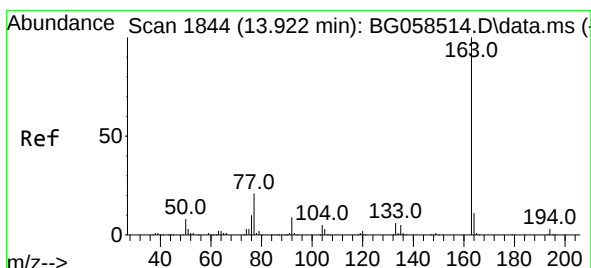
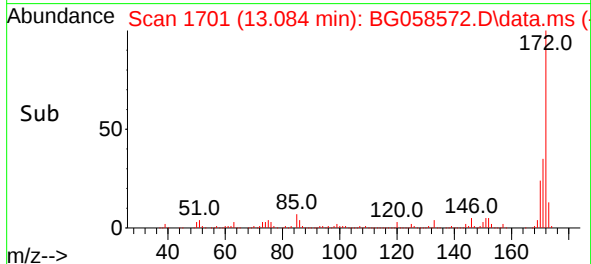
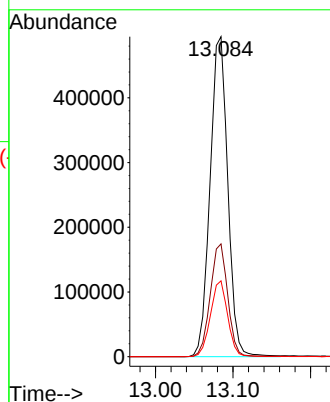
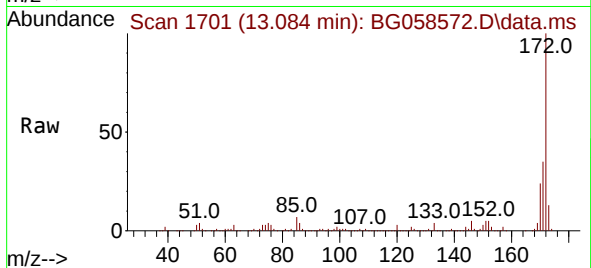




#45
2-Fluorobiphenyl
Concen: 67.920 ng
RT: 13.084 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG058572.D
Acq: 2 Aug 2023 10:39

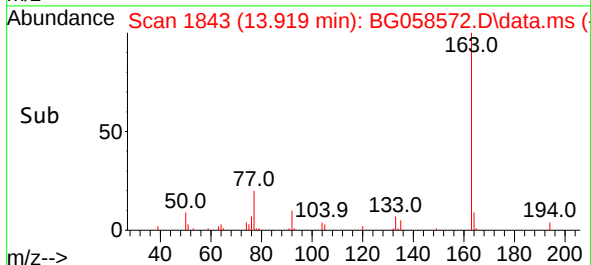
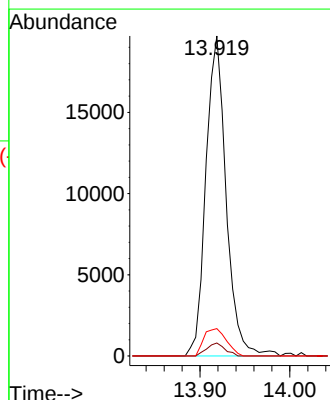
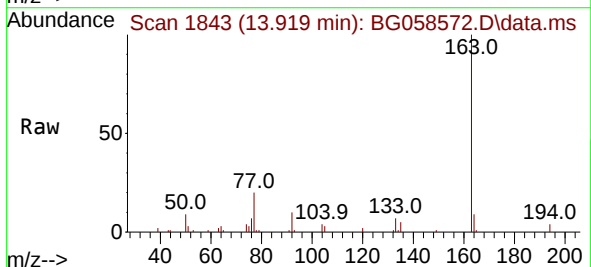
Instrument :
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SB-09-(2.0-4.0)

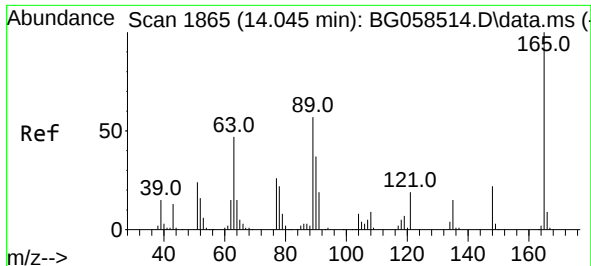
Tgt Ion:172 Resp: 784686
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.7 18.4 27.6



#50
Dimethylphthalate
Concen: 2.371 ng
RT: 13.919 min Scan# 1843
Delta R.T. -0.003 min
Lab File: BG058572.D
Acq: 2 Aug 2023 10:39

Tgt Ion:163 Resp: 30826
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 8.6 8.6 12.8

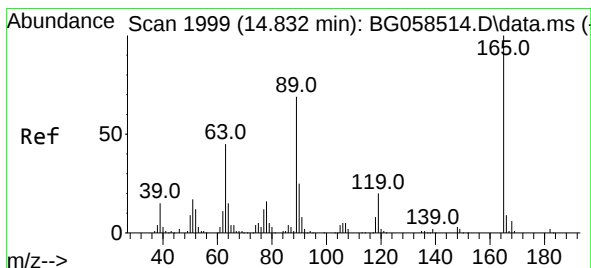
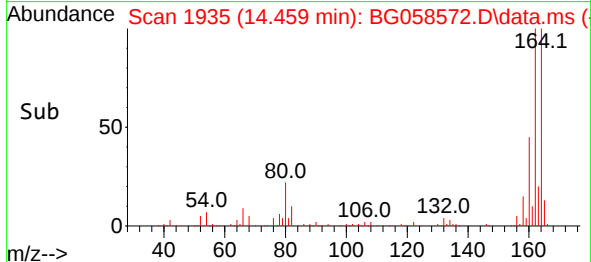
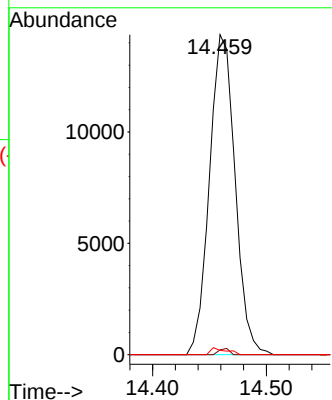
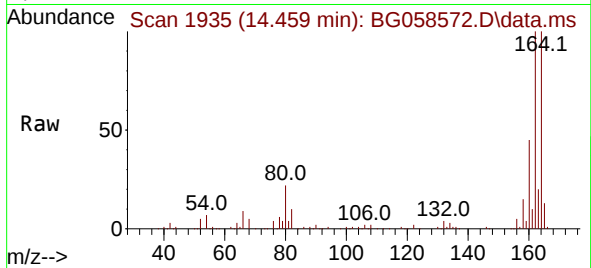




#51
2,6-Dinitrotoluene
Concen: 7.874 ng
RT: 14.459 min Scan# 1935
Delta R.T. 0.414 min
Lab File: BG058572.D
Acq: 2 Aug 2023 10:39

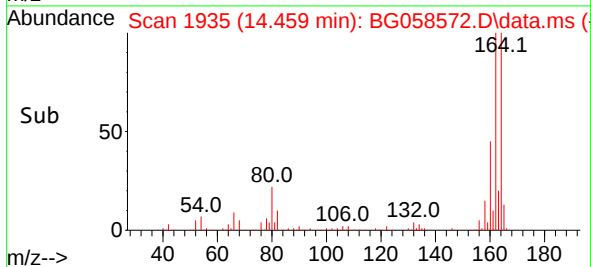
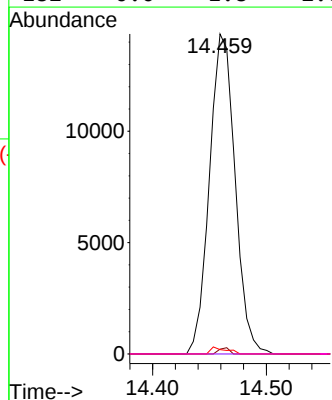
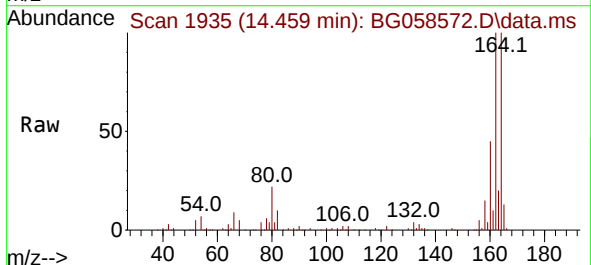
Instrument :
BNA_G
ClientSampleId :
SB-09-(2.0-4.0)

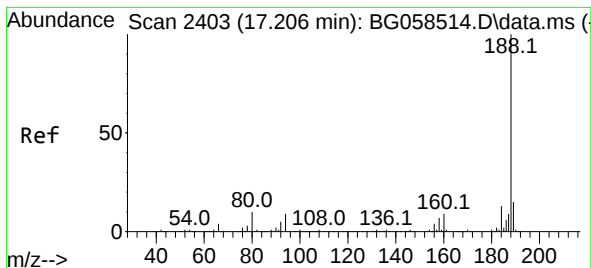
Tgt Ion:165 Resp: 22465
Ion Ratio Lower Upper
165 100
63 1.5 46.4 69.6#
89 1.3 45.3 67.9#



#57
2,4-Dinitrotoluene
Concen: 5.680 ng
RT: 14.459 min Scan# 1935
Delta R.T. -0.373 min
Lab File: BG058572.D
Acq: 2 Aug 2023 10:39

Tgt Ion:165 Resp: 22465
Ion Ratio Lower Upper
165 100
63 1.5 36.6 54.8#
89 1.3 55.4 83.0#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.209 min Scan# 24

Delta R.T. 0.003 min

Lab File: BG058572.D

Acq: 2 Aug 2023 10:39

Instrument :

BNA_G

ClientSampleId :

SB-09-(2.0-4.0)

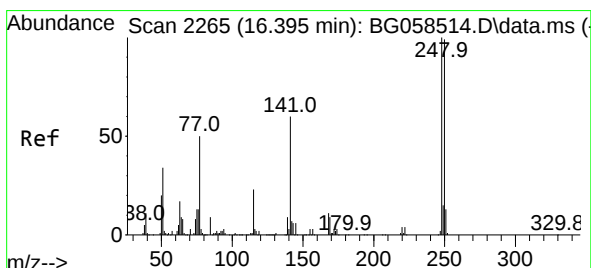
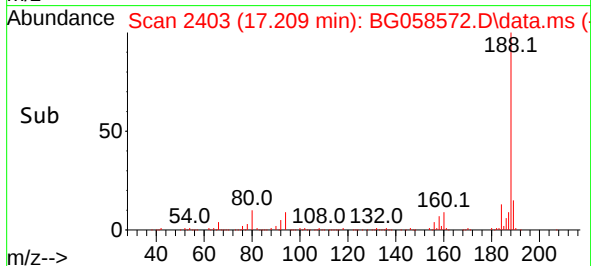
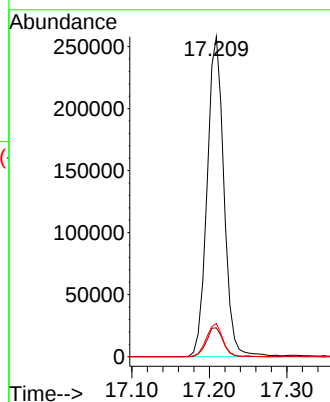
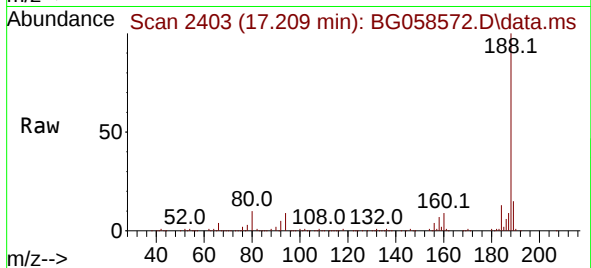
Tgt Ion:188 Resp: 388943

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

80 10.4 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 3.710 ng

RT: 15.952 min Scan# 2189

Delta R.T. -0.444 min

Lab File: BG058572.D

Acq: 2 Aug 2023 10:39

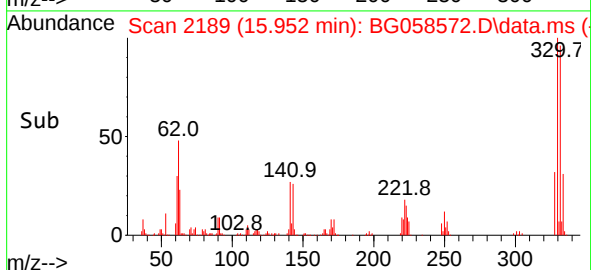
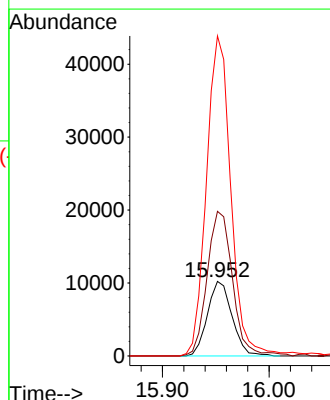
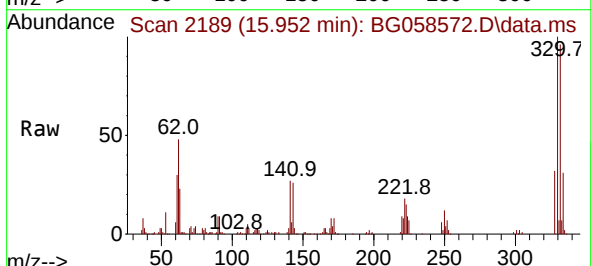
Tgt Ion:248 Resp: 16367

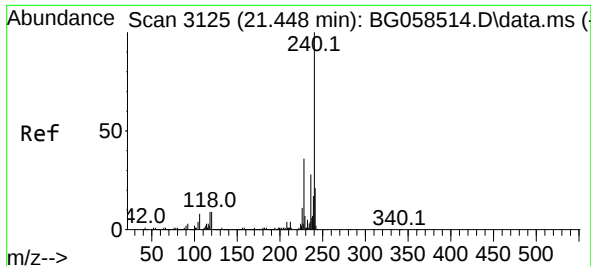
Ion Ratio Lower Upper

248 100

250 194.1 79.5 119.3#

141 429.5 48.2 72.2#

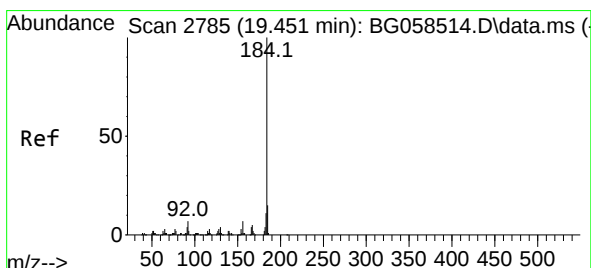
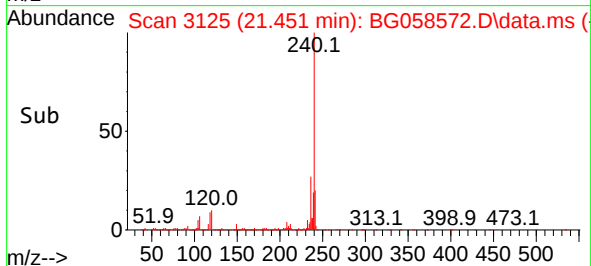
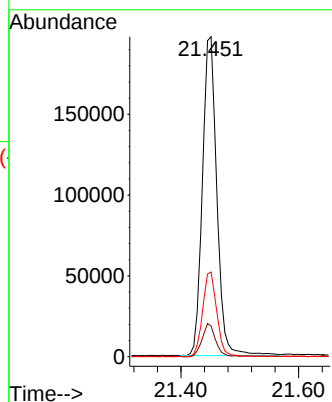
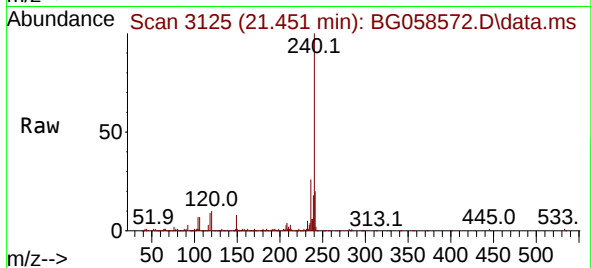




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG058572.D
Acq: 2 Aug 2023 10:39

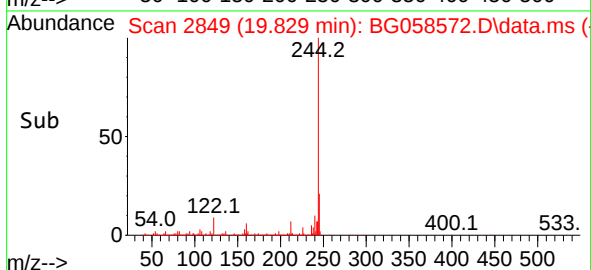
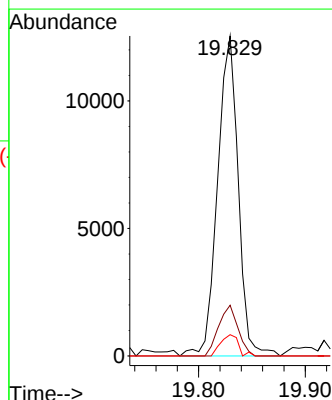
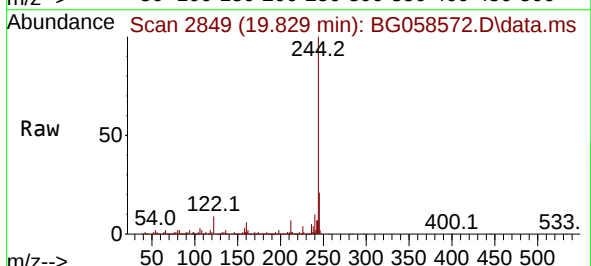
Instrument :
BNA_G
ClientSampleId :
SB-09-(2.0-4.0)

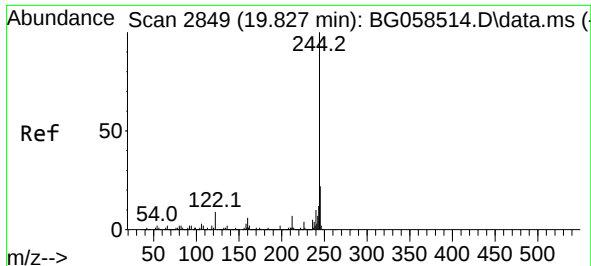
Tgt Ion:240 Resp: 335998
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.0
236 26.4 22.2 33.4



#77
Benzidine
Concen: 3.309 ng
RT: 19.829 min Scan# 2849
Delta R.T. 0.379 min
Lab File: BG058572.D
Acq: 2 Aug 2023 10:39

Tgt Ion:184 Resp: 16861
Ion Ratio Lower Upper
184 100
185 15.9 11.9 17.9
183 6.6 8.7 13.1#

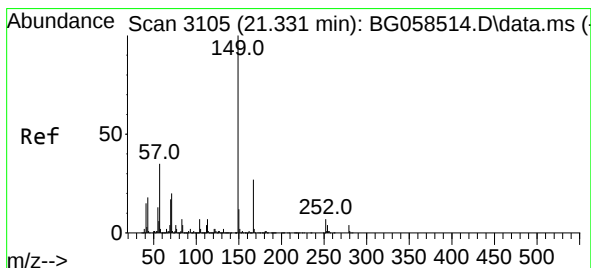
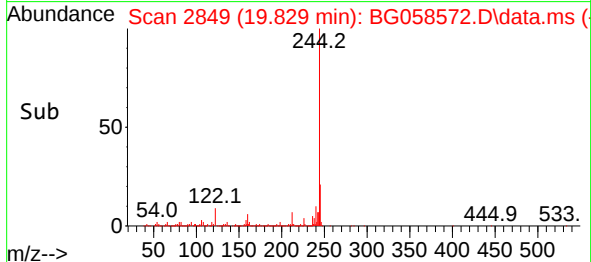
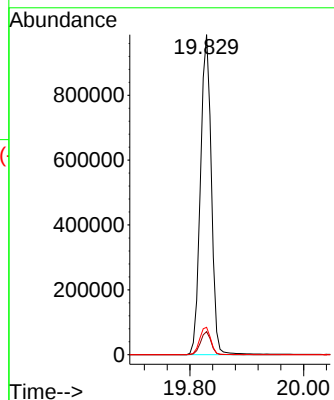
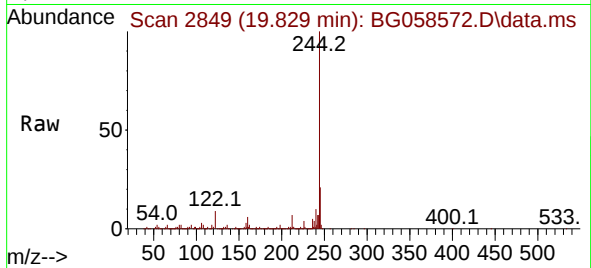




#79
 Terphenyl-d14
 Concen: 73.542 ng
 RT: 19.829 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG058572.D
 Acq: 2 Aug 2023 10:39

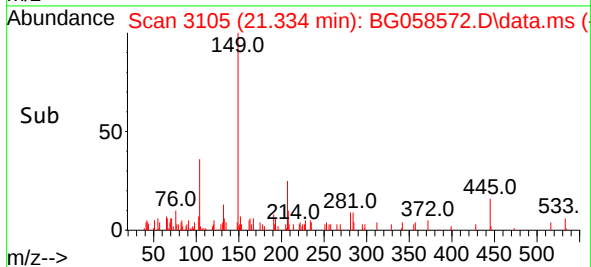
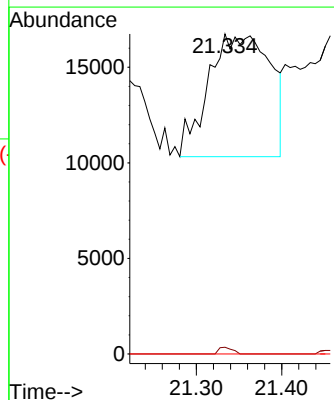
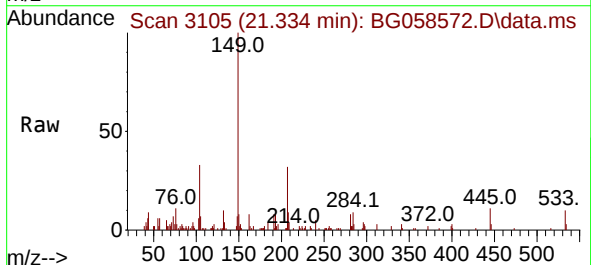
Instrument :
 BNA_G
 ClientSampleId :
 SB-09-(2.0-4.0)

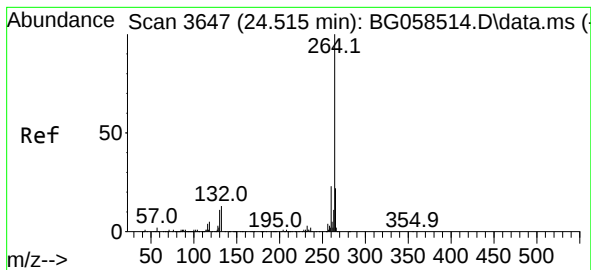
Tgt Ion:244 Resp: 1313986
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.5 6.8 10.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.356 ng
 RT: 21.334 min Scan# 3105
 Delta R.T. 0.003 min
 Lab File: BG058572.D
 Acq: 2 Aug 2023 10:39

Tgt Ion:149 Resp: 32333
 Ion Ratio Lower Upper
 149 100
 167 2.1 21.8 32.8#
 279 0.0 2.9 4.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.524 min Scan# 3

Delta R.T. 0.009 min

Lab File: BG058572.D

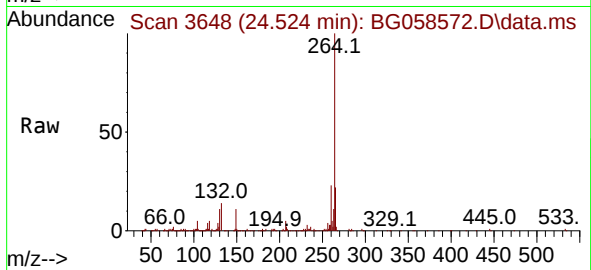
Acq: 2 Aug 2023 10:39

Instrument :

BNA_G

ClientSampleId :

SB-09-(2.0-4.0)



Tgt Ion:264 Resp: 415042

Ion Ratio Lower Upper

264 100

260 22.6 18.4 27.6

265 21.7 17.9 26.9

