

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
 Data File : BG056086.D
 Acq On : 23 Dec 2022 19:55
 Operator : CG/JU
 Sample : N6072-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LEFT-SIDE-SP-1215

Quant Time: Dec 24 00:09:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:09:54 2022
 Response via : Initial Calibration

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

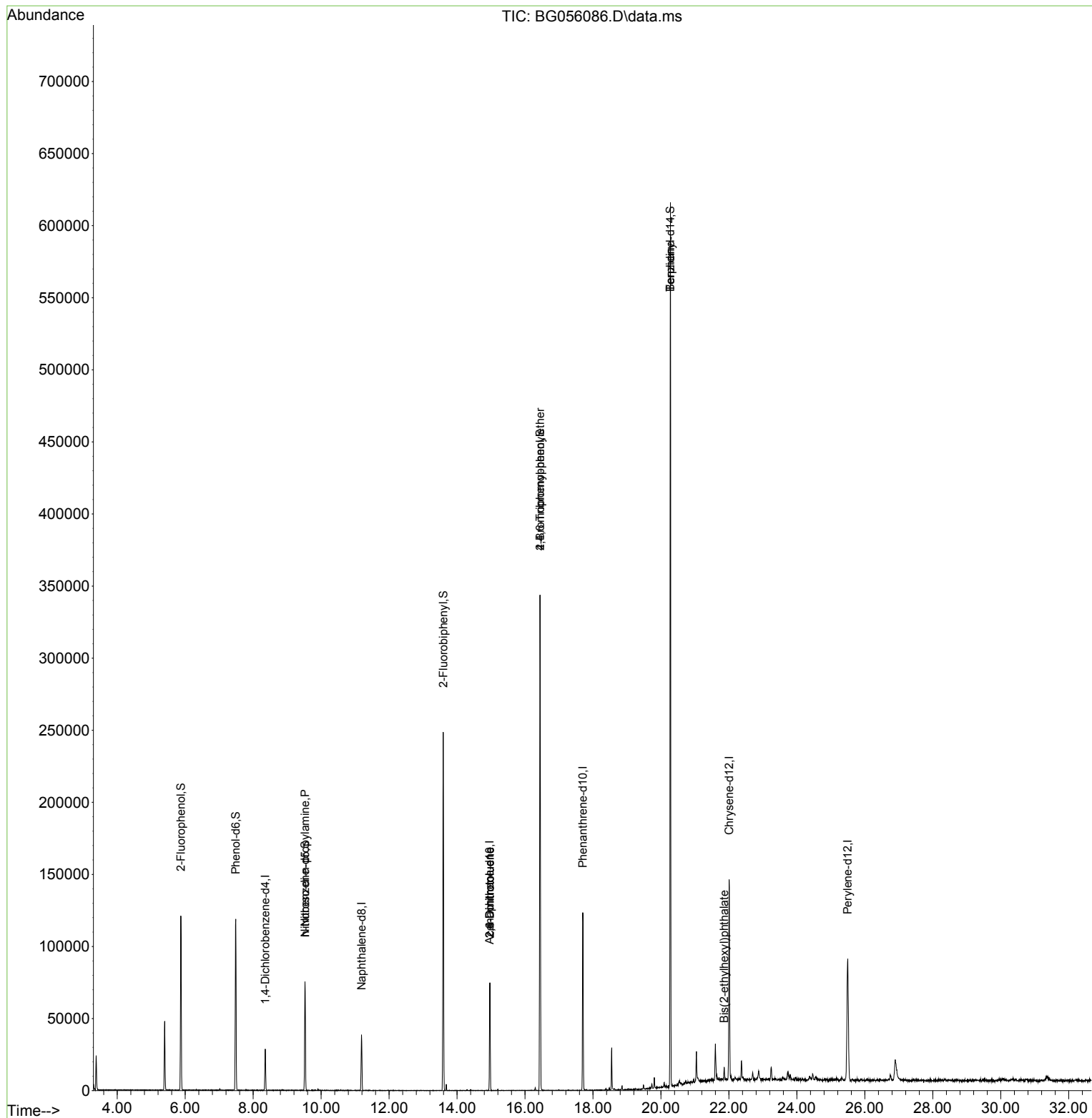
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.356	152	9470	20.000	ng	0.00
21) Naphthalene-d8	11.188	136	34083	20.000	ng	# 0.00
39) Acenaphthene-d10	14.960	164	30012	20.000	ng	0.00
64) Phenanthrene-d10	17.698	188	89972	20.000	ng	# 0.00
76) Chrysene-d12	22.005	240	97077	20.000	ng	0.00
86) Perylene-d12	25.495	264	117204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.871	112	48493	120.089	ng	0.00
7) Phenol-d6	7.486	99	58197	112.057	ng	0.00
23) Nitrobenzene-d5	9.525	82	40182	82.387	ng	0.00
42) 2,4,6-Tribromophenol	16.441	330	91624	126.609	ng	0.00
45) 2-Fluorobiphenyl	13.591	172	135331	63.241	ng	0.00
79) Terphenyl-d14	20.277	244	342667	62.386	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.525	70	6449	17.324	ng	# 63
51) 2,6-Dinitrotoluene	14.966	165	4042	10.067	ng	# 25
57) 2,4-Dinitrotoluene	14.966	165	4042	6.669	ng	# 35
67) 4-Bromophenyl-phenylether	16.441	248	5236	3.972	ng	# 1
77) Benzidine	20.277	184	5126	3.007	ng	# 88
84) Bis(2-ethylhexyl)phtha...	21.858	149	5095	2.060	ng	# 87

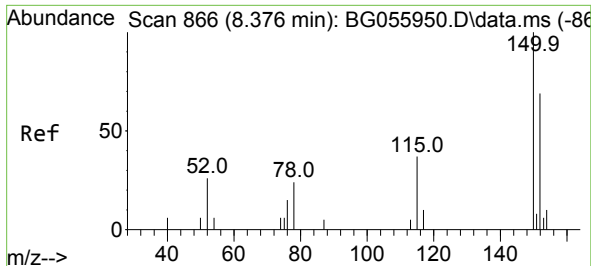
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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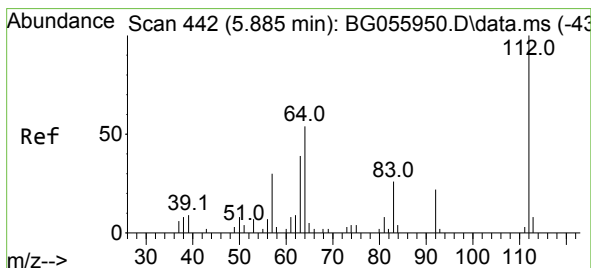
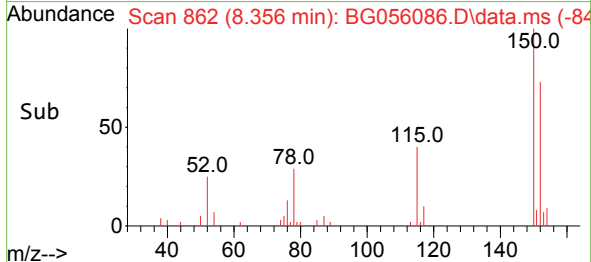
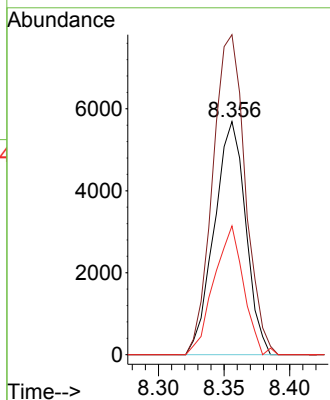
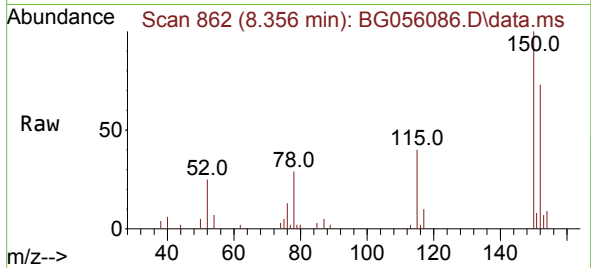




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.356 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG056086.D
Acq: 23 Dec 2022 19:55

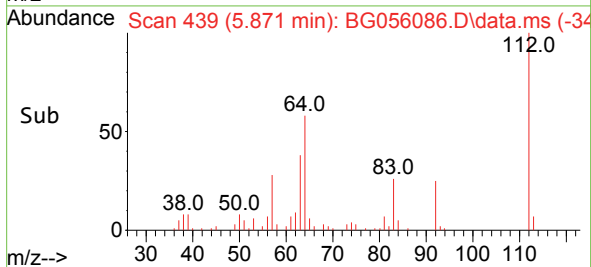
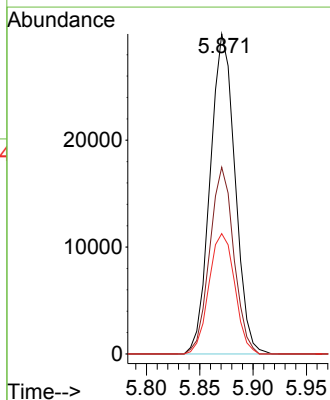
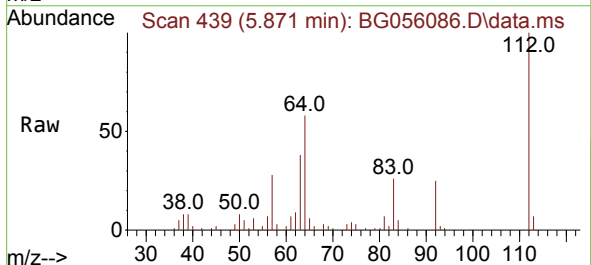
Instrument :
BNA_G
ClientSampleId :
LEFT-SIDE-SP-1215

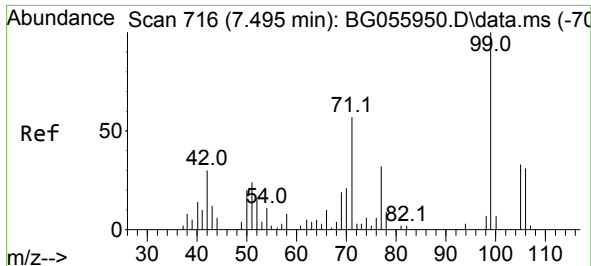
Tgt Ion:152 Resp: 9470
Ion Ratio Lower Upper
152 100
150 137.3 115.7 173.5
115 55.2 43.0 64.4



#5
2-Fluorophenol
Concen: 120.089 ng
RT: 5.871 min Scan# 439
Delta R.T. 0.003 min
Lab File: BG056086.D
Acq: 23 Dec 2022 19:55

Tgt Ion:112 Resp: 48493
Ion Ratio Lower Upper
112 100
64 58.4 43.0 64.4
63 37.6 31.4 47.2

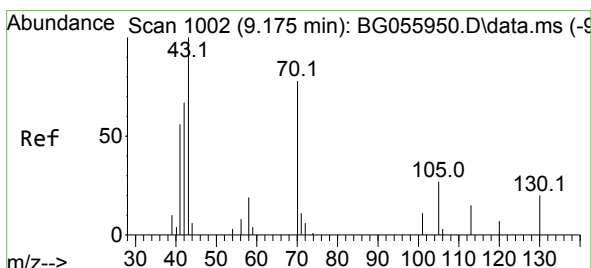
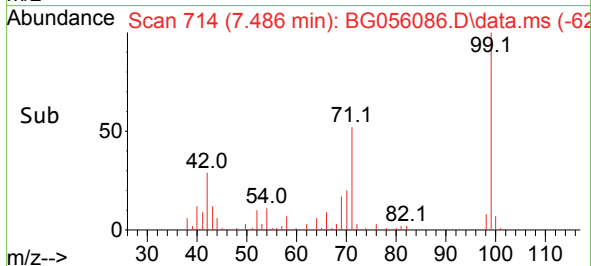
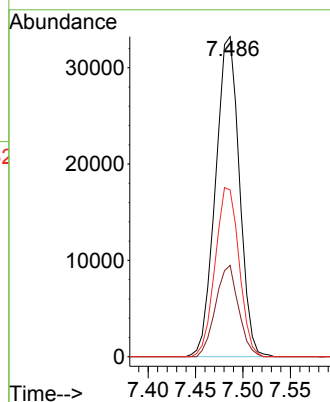
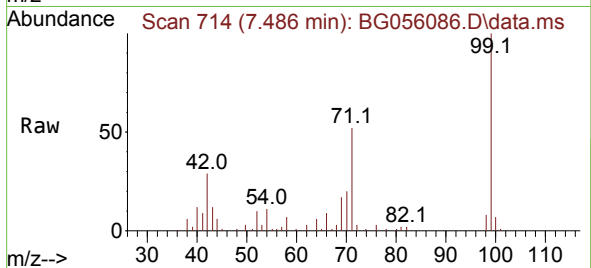




#7
Phenol-d6
Concen: 112.057 ng
RT: 7.486 min Scan# 716
Delta R.T. 0.003 min
Lab File: BG056086.D
Acq: 23 Dec 2022 19:55

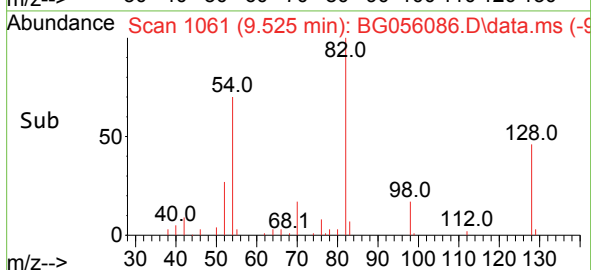
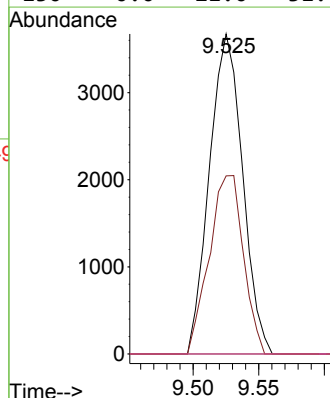
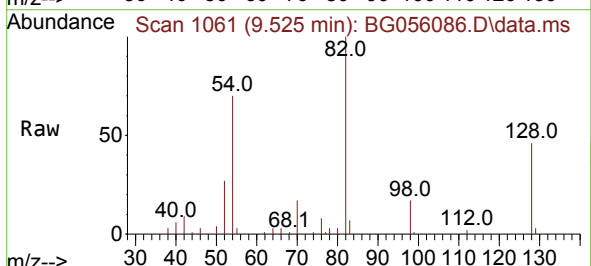
Instrument :
BNA_G
ClientSampleId :
LEFT-SIDE-SP-1215

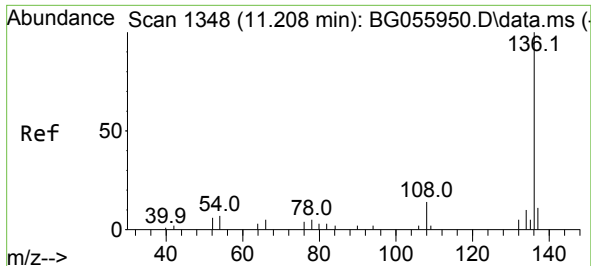
Tgt Ion: 99 Resp: 58197
Ion Ratio Lower Upper
99 100
42 28.5 24.3 36.5
71 52.1 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.324 ng
RT: 9.525 min Scan# 1061
Delta R.T. 0.367 min
Lab File: BG056086.D
Acq: 23 Dec 2022 19:55

Tgt Ion: 70 Resp: 6449
Ion Ratio Lower Upper
70 100
42 55.6 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#

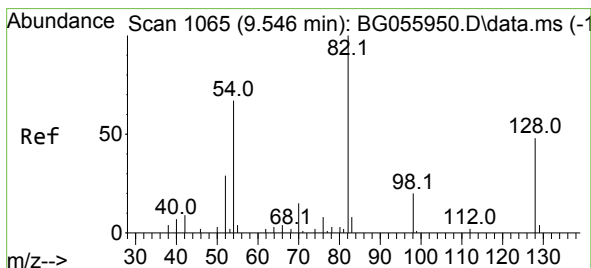
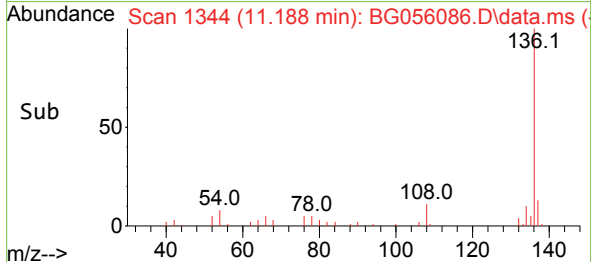
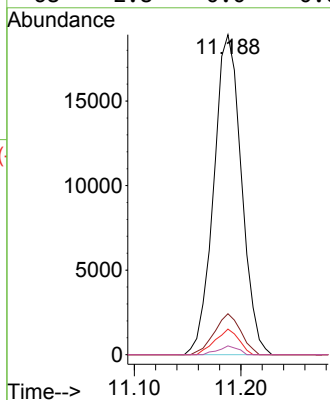
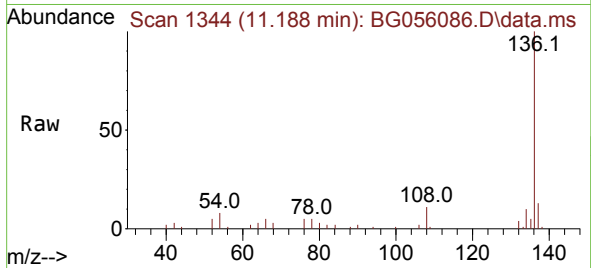




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.188 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056086.D
Acq: 23 Dec 2022 19:55

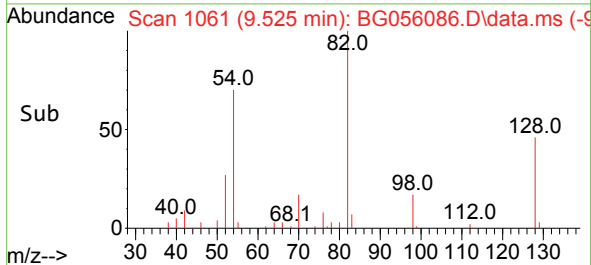
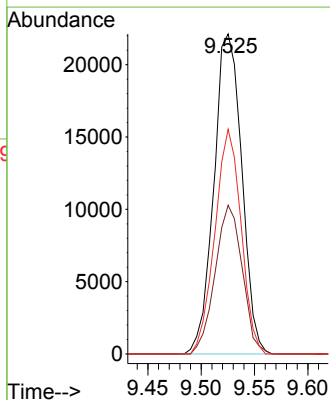
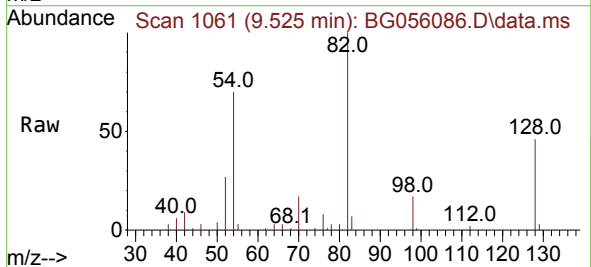
Instrument :
BNA_G
ClientSampleId :
LEFT-SIDE-SP-1215

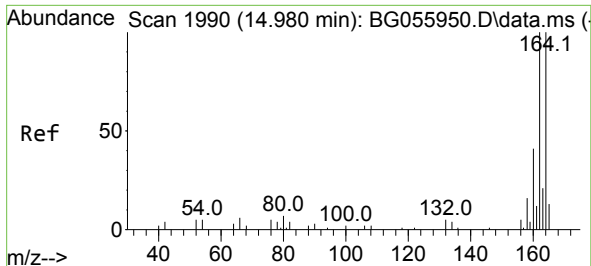
Tgt Ion:	136	Resp:	34083
Ion Ratio	Lower	Upper	
136	100		
137	12.8	9.2	13.8
54	8.0	5.6	8.4
68	2.8	0.0	0.0



#23
Nitrobenzene-d5
Concen: 82.387 ng
RT: 9.525 min Scan# 1061
Delta R.T. -0.003 min
Lab File: BG056086.D
Acq: 23 Dec 2022 19:55

Tgt Ion:	82	Resp:	40182
Ion Ratio	Lower	Upper	
82	100		
128	46.4	38.4	57.6
54	70.2	53.3	79.9

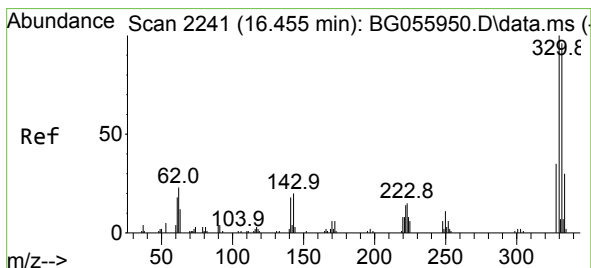
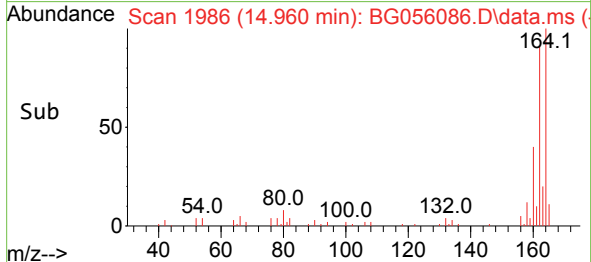
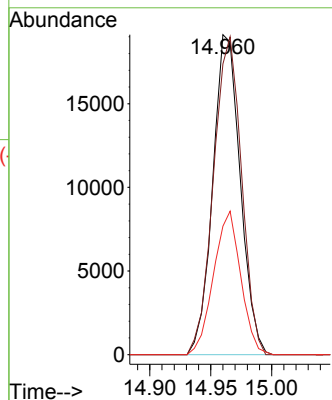
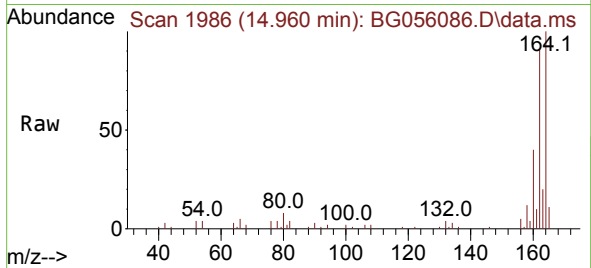




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.960 min Scan# 1990
Delta R.T. -0.009 min
Lab File: BG056086.D
Acq: 23 Dec 2022 19:55

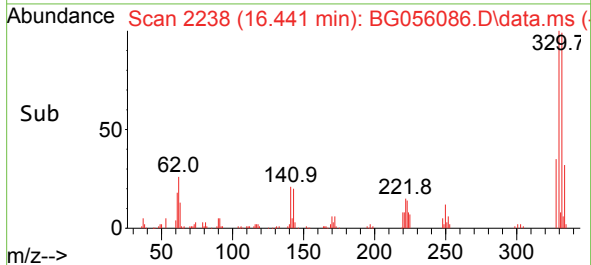
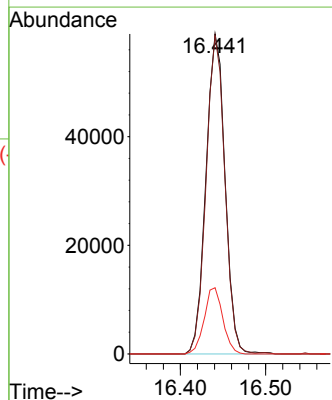
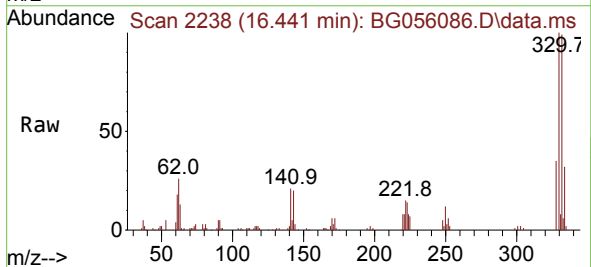
Instrument :
BNA_G
ClientSampleId :
LEFT-SIDE-SP-1215

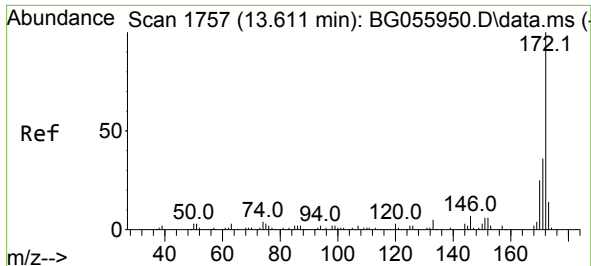
Tgt Ion:164 Resp: 30012
Ion Ratio Lower Upper
164 100
162 90.8 79.8 119.8
160 40.2 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 126.609 ng
RT: 16.441 min Scan# 2238
Delta R.T. -0.003 min
Lab File: BG056086.D
Acq: 23 Dec 2022 19:55

Tgt Ion:330 Resp: 91624
Ion Ratio Lower Upper
330 100
332 97.5 76.6 114.8
141 20.1 15.0 22.4

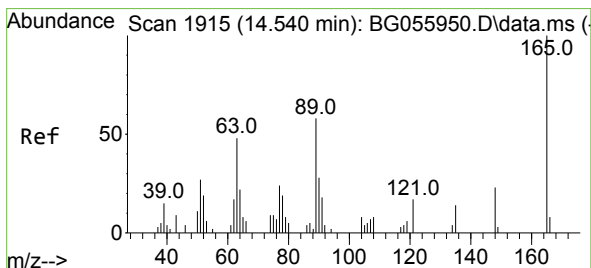
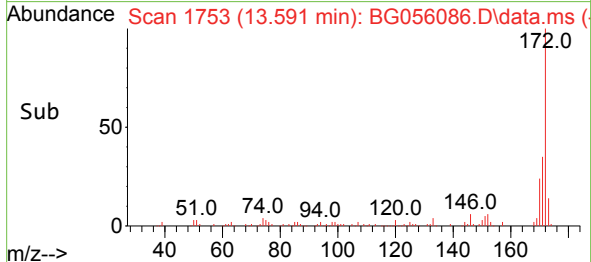
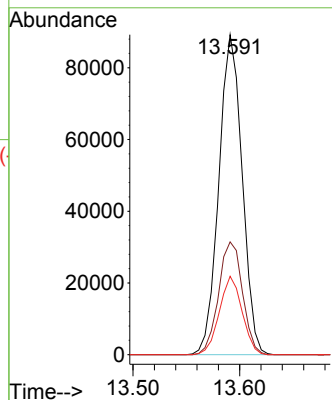
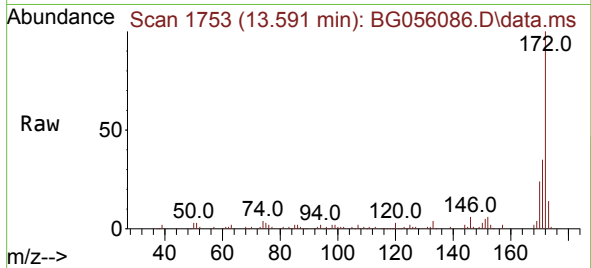




#45
 2-Fluorobiphenyl
 Concen: 63.241 ng
 RT: 13.591 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: BG056086.D
 Acq: 23 Dec 2022 19:55

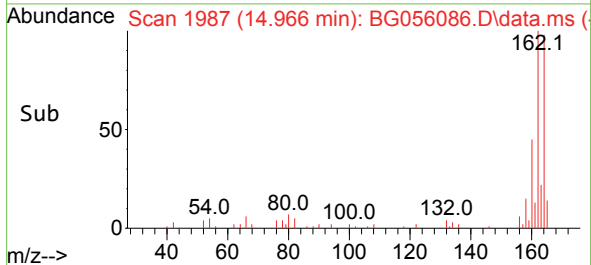
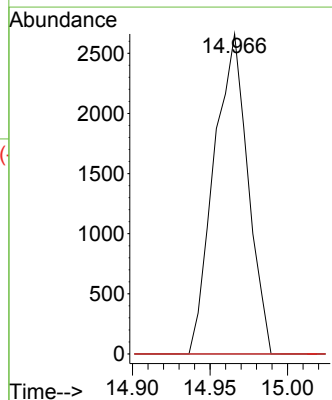
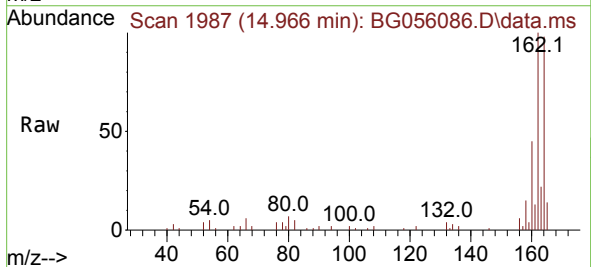
Instrument :
 BNA_G
 ClientSampleId :
 LEFT-SIDE-SP-1215

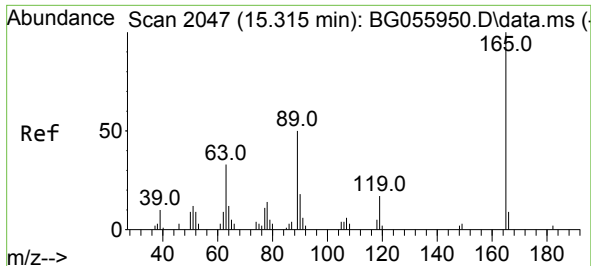
Tgt Ion:172 Resp: 135331
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 24.5 19.9 29.9



#51
 2,6-Dinitrotoluene
 Concen: 10.067 ng
 RT: 14.966 min Scan# 1987
 Delta R.T. 0.438 min
 Lab File: BG056086.D
 Acq: 23 Dec 2022 19:55

Tgt Ion:165 Resp: 4042
 Ion Ratio Lower Upper
 165 100
 63 0.0 38.3 57.5#
 89 0.0 46.3 69.5#





#57

2,4-Dinitrotoluene

Concen: 6.669 ng

RT: 14.966 min Scan# 1987

Delta R.T. -0.350 min

Lab File: BG056086.D

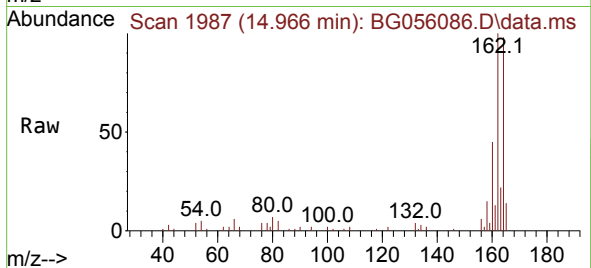
Acq: 23 Dec 2022 19:55

Instrument :

BNA_G

ClientSampleId :

LEFT-SIDE-SP-1215



Tgt Ion:165 Resp: 4042

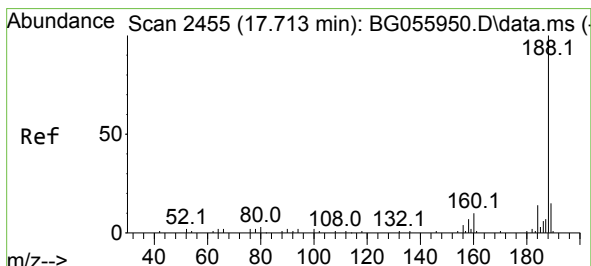
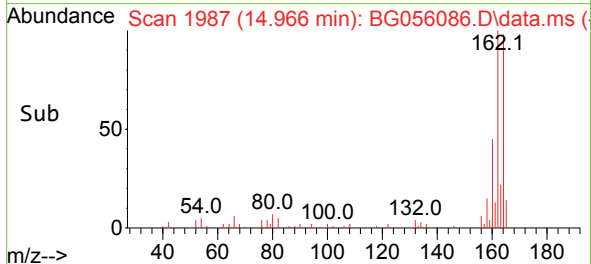
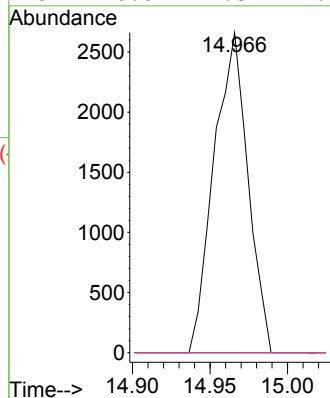
Ion Ratio Lower Upper

165 100

63 0.0 26.6 39.8#

89 0.0 40.1 60.1#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.698 min Scan# 2452

Delta R.T. -0.009 min

Lab File: BG056086.D

Acq: 23 Dec 2022 19:55

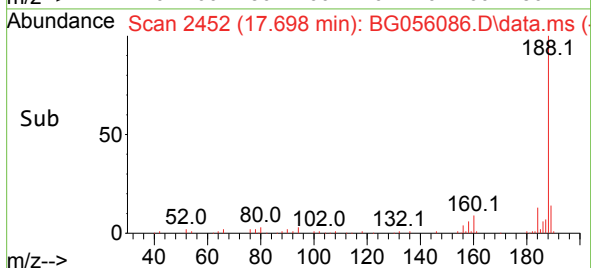
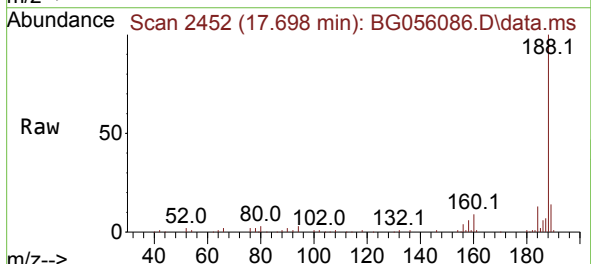
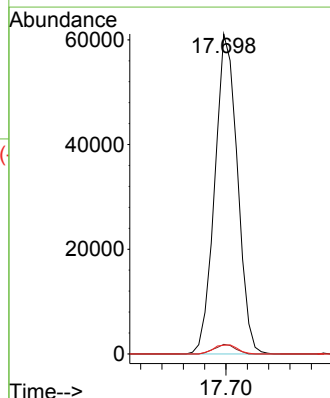
Tgt Ion:188 Resp: 89972

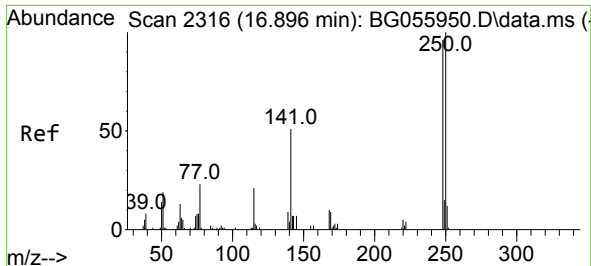
Ion Ratio Lower Upper

188 100

94 3.0 1.8 2.8#

80 2.7 2.4 3.6

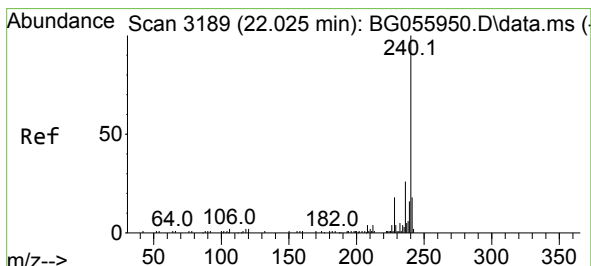
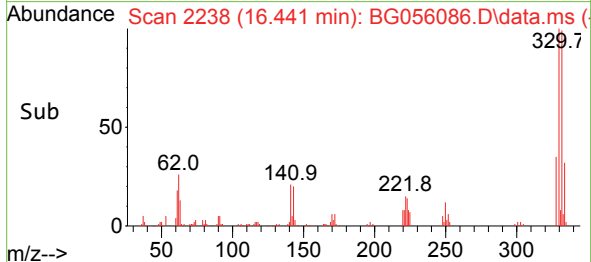
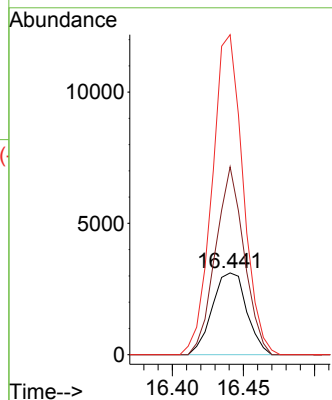
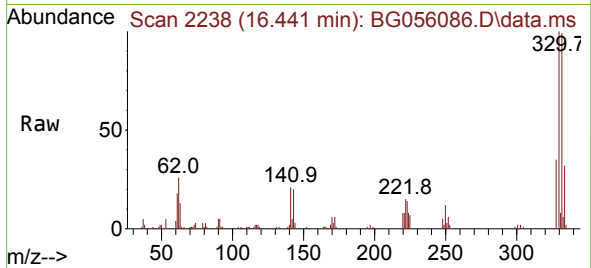




#67
4-Bromophenyl-phenylether
Concen: 3.972 ng
RT: 16.441 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG056086.D
Acq: 23 Dec 2022 19:55

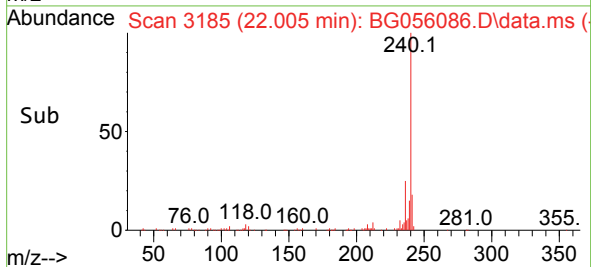
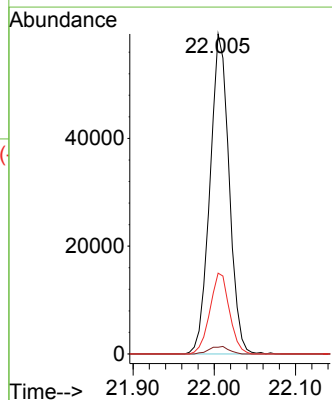
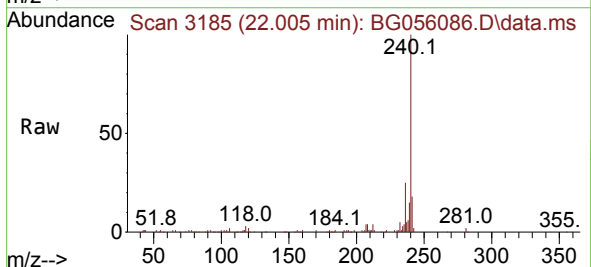
Instrument :
BNA_G
ClientSampleId :
LEFT-SIDE-SP-1215

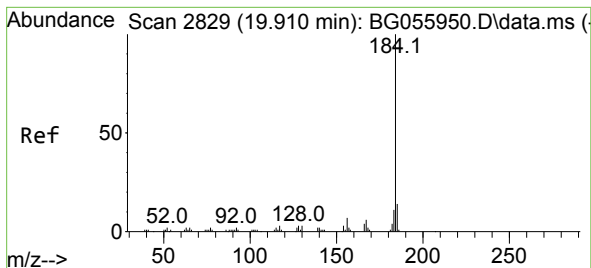
Tgt Ion:248 Resp: 5236
Ion Ratio Lower Upper
248 100
250 229.8 83.0 124.6#
141 391.6 42.6 64.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.005 min Scan# 3185
Delta R.T. -0.009 min
Lab File: BG056086.D
Acq: 23 Dec 2022 19:55

Tgt Ion:240 Resp: 97077
Ion Ratio Lower Upper
240 100
120 2.1 1.7 2.5
236 25.2 21.1 31.7





#77

Benzidine

Concen: 3.007 ng

RT: 20.277 min Scan# 2891

Delta R.T. 0.379 min

Lab File: BG056086.D

Acq: 23 Dec 2022 19:55

Instrument :

BNA_G

ClientSampleId :

LEFT-SIDE-SP-1215

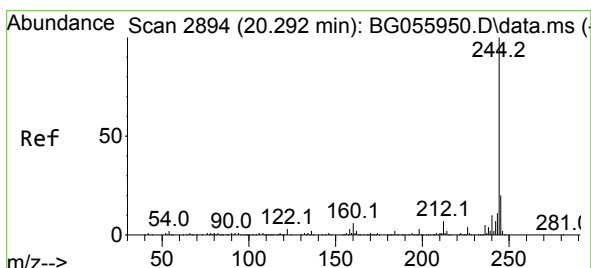
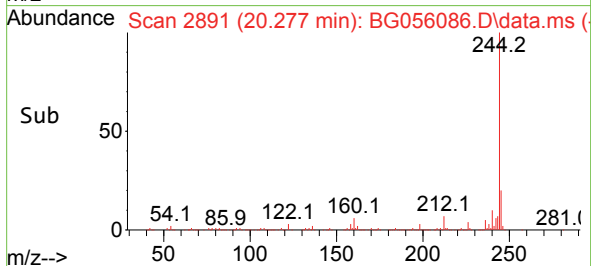
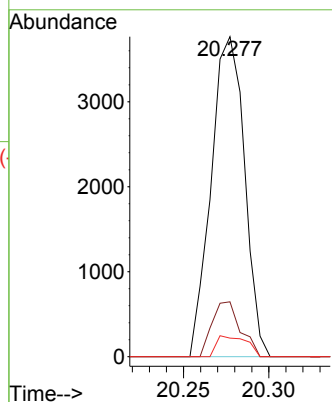
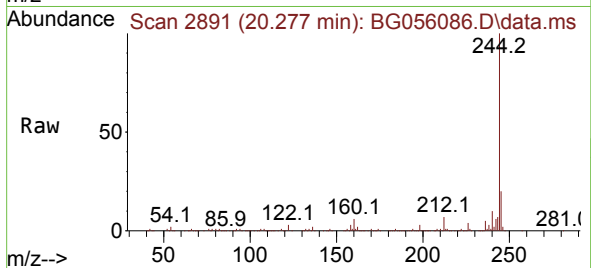
Tgt Ion:184 Resp: 5126

Ion Ratio Lower Upper

184 100

185 17.2 10.9 16.3#

183 5.8 9.2 13.8#



#79

Terphenyl-d14

Concen: 62.386 ng

RT: 20.277 min Scan# 2891

Delta R.T. -0.003 min

Lab File: BG056086.D

Acq: 23 Dec 2022 19:55

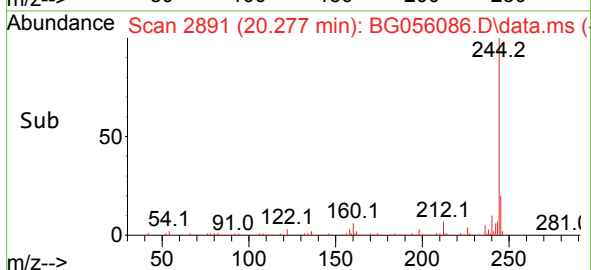
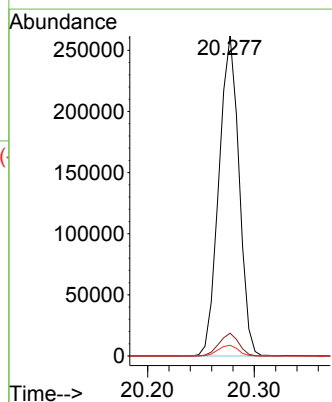
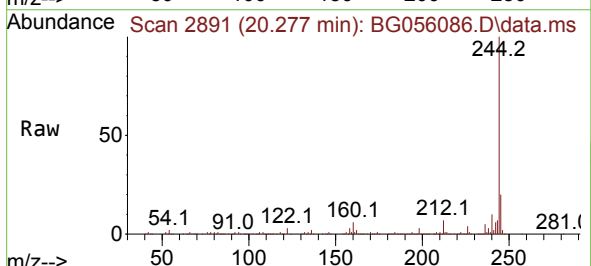
Tgt Ion:244 Resp: 342667

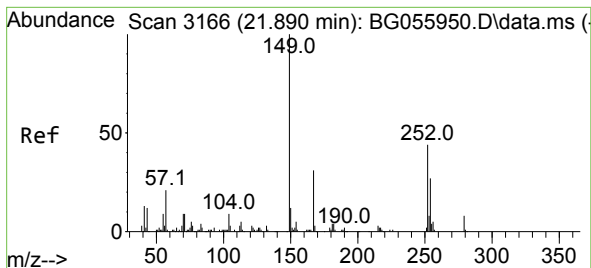
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 3.3 2.5 3.7

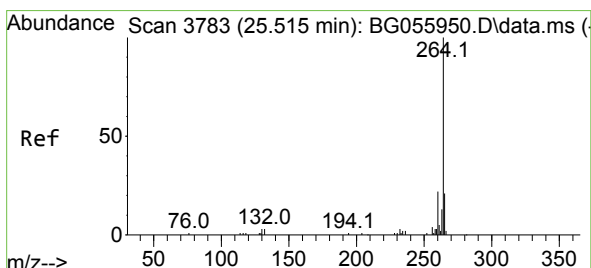
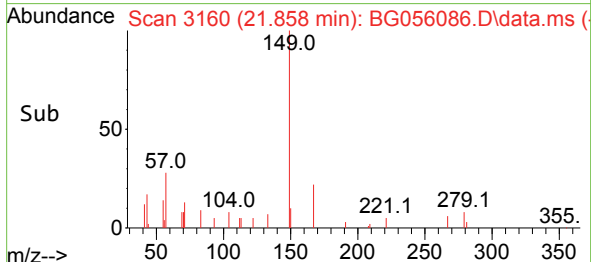
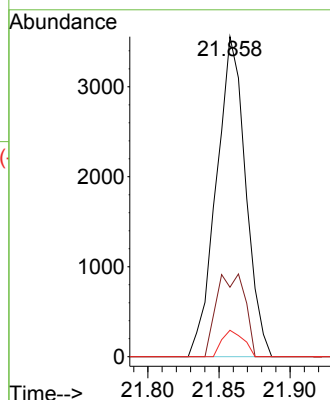
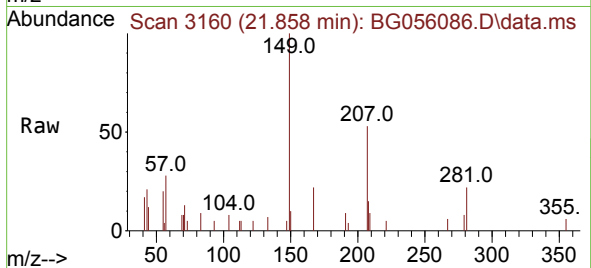




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.060 ng
RT: 21.858 min Scan# 3160
Delta R.T. -0.003 min
Lab File: BG056086.D
Acq: 23 Dec 2022 19:55

Instrument :
BNA_G
ClientSampleId :
LEFT-SIDE-SP-1215

Tgt Ion:149 Resp: 5095
Ion Ratio Lower Upper
149 100
167 21.7 24.6 36.8#
279 8.3 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.495 min Scan# 3779
Delta R.T. 0.003 min
Lab File: BG056086.D
Acq: 23 Dec 2022 19:55

Tgt Ion:264 Resp: 117204
Ion Ratio Lower Upper
264 100
260 22.8 17.8 26.8
265 22.6 16.6 25.0

