

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055726.D
 Acq On : 21 Nov 2022 22:30
 Operator : CG/JU
 Sample : N5678-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-04

Quant Time: Nov 22 02:09:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

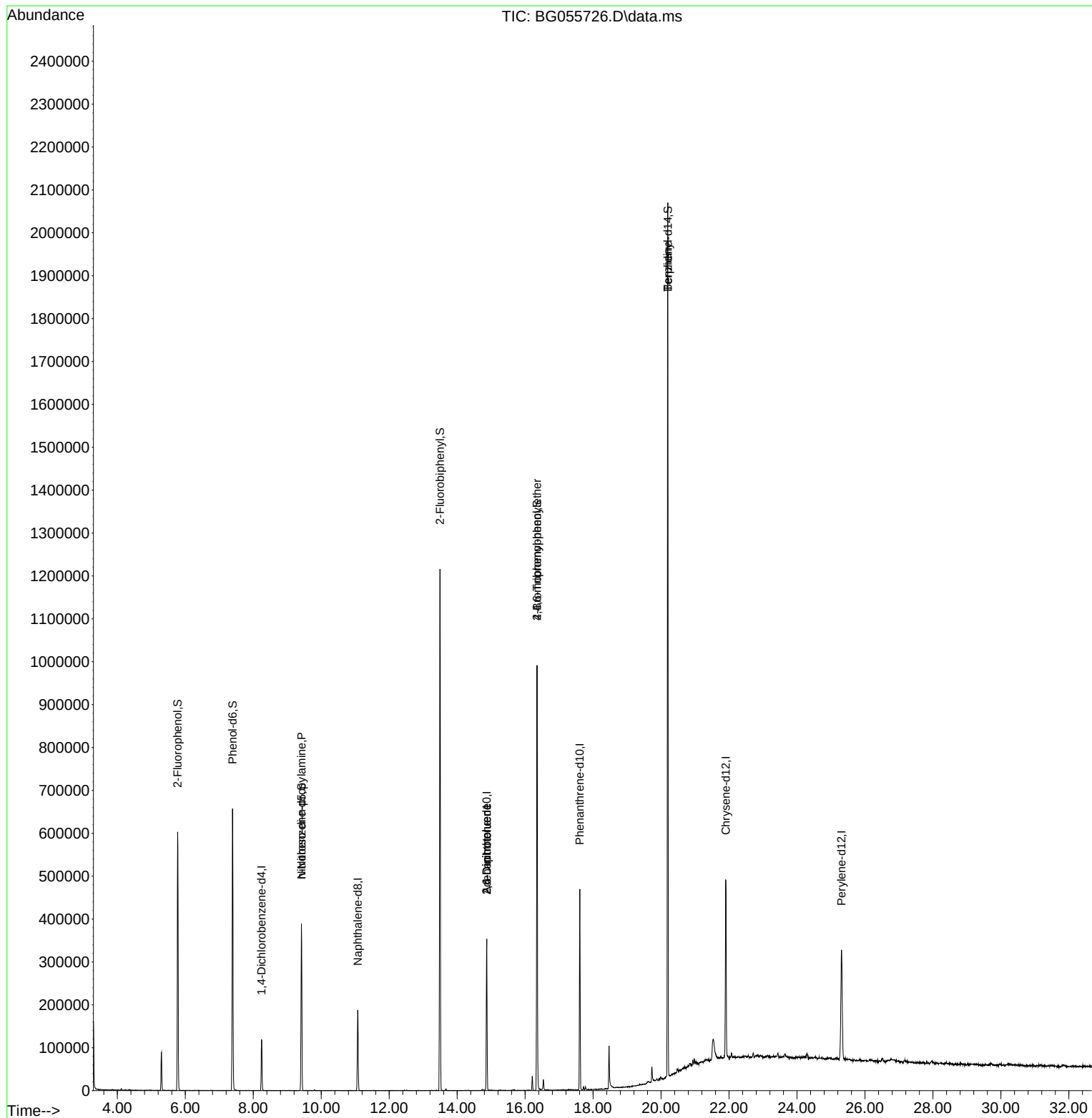
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	34972	20.000	ng	-0.01
21) Naphthalene-d8	11.073	136	163254	20.000	ng	-0.01
39) Acenaphthene-d10	14.869	164	128683	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	293241	20.000	ng	-0.01
76) Chrysene-d12	21.902	240	264816	20.000	ng	-0.02
86) Perylene-d12	25.309	264	278927	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.774	112	260061	134.412	ng	0.00
7) Phenol-d6	7.389	99	363823	141.261	ng	0.00
23) Nitrobenzene-d5	9.416	82	229646	74.350	ng	-0.01
42) 2,4,6-Tribromophenol	16.349	330	211582	116.766	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	649751	75.644	ng	0.00
79) Terphenyl-d14	20.198	244	1075583	81.238	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.416	70	30957	15.644	ng	# 75
51) 2,6-Dinitrotoluene	14.869	165	16541	7.886	ng	# 27
57) 2,4-Dinitrotoluene	14.869	165	16541	5.593	ng	# 25
67) 4-Bromophenyl-phenylether	16.349	248	13675	4.093	ng	# 1
77) Benzidine	20.198	184	16684	2.723	ng	# 94

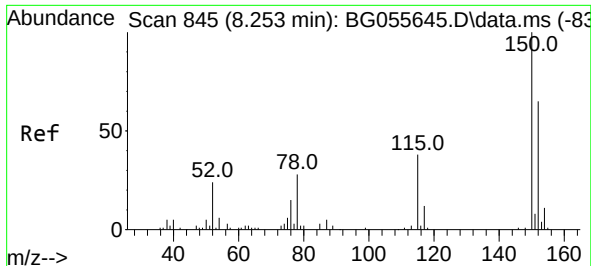
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
Data File : BG055726.D
Acq On : 21 Nov 2022 22:30
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Sample : N5678-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-04

Quant Time: Nov 22 02:09:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

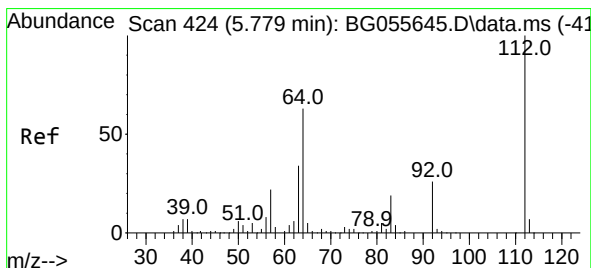
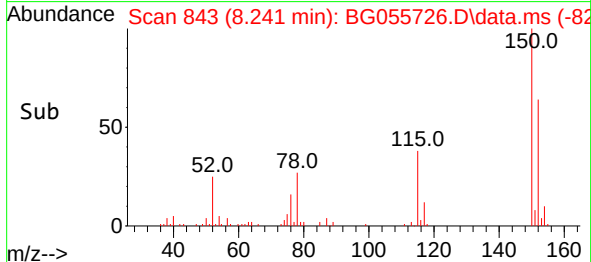
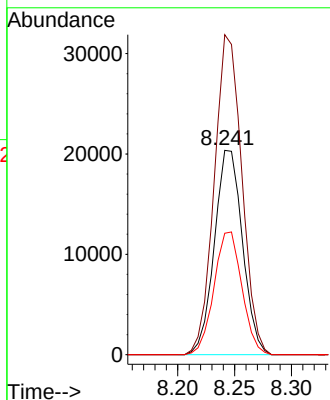
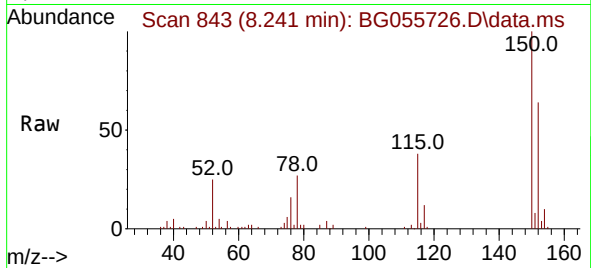




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG055726.D
Acq: 21 Nov 2022 22:30

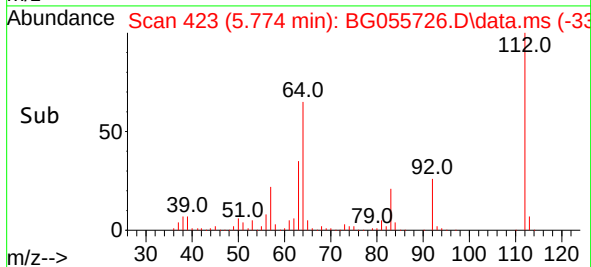
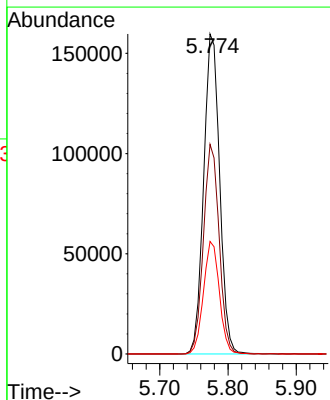
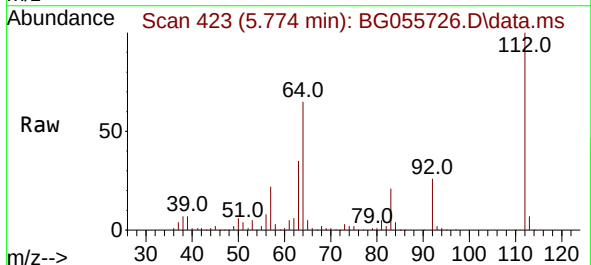
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-04

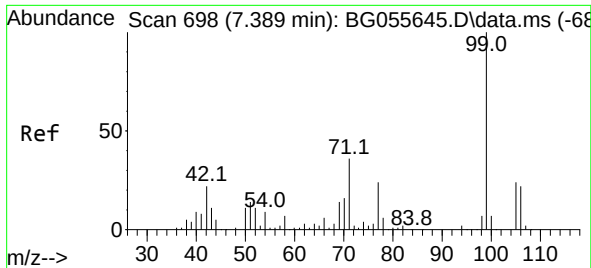
Tgt Ion:152 Resp: 34972
Ion Ratio Lower Upper
152 100
150 156.6 123.0 184.6
115 59.4 47.0 70.4



#5
2-Fluorophenol
Concen: 134.412 ng
RT: 5.774 min Scan# 423
Delta R.T. -0.006 min
Lab File: BG055726.D
Acq: 21 Nov 2022 22:30

Tgt Ion:112 Resp: 260061
Ion Ratio Lower Upper
112 100
64 65.5 50.6 76.0
63 35.2 27.5 41.3

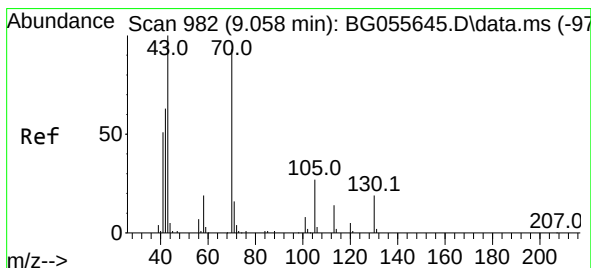
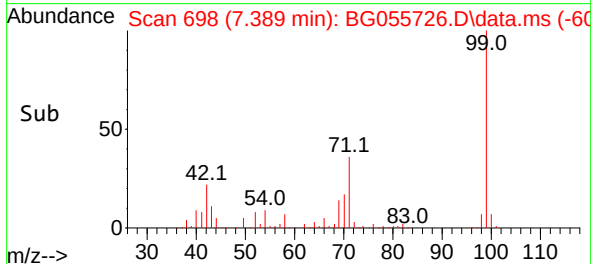
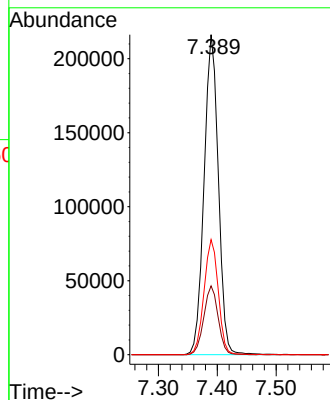
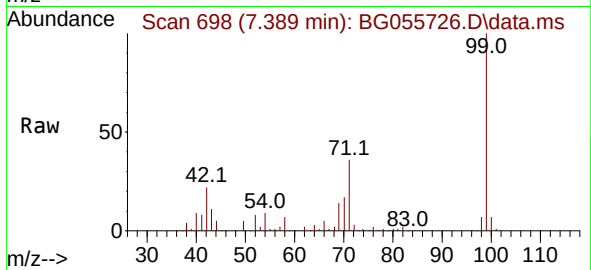




#7
Phenol-d6
Concen: 141.261 ng
RT: 7.389 min Scan# 698
Delta R.T. 0.000 min
Lab File: BG055726.D
Acq: 21 Nov 2022 22:30

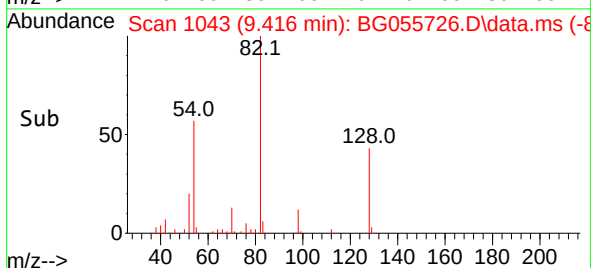
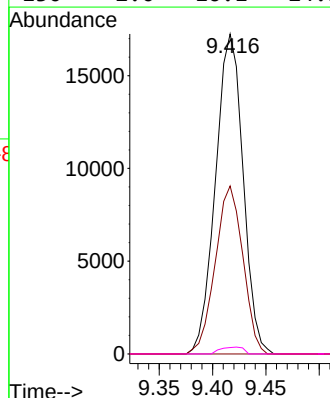
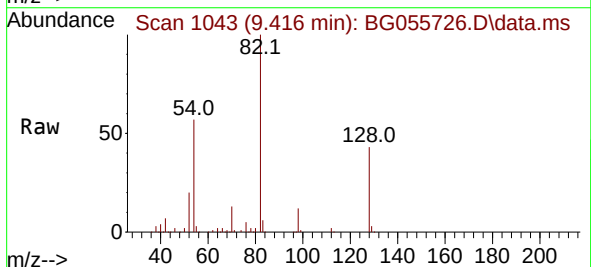
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-04

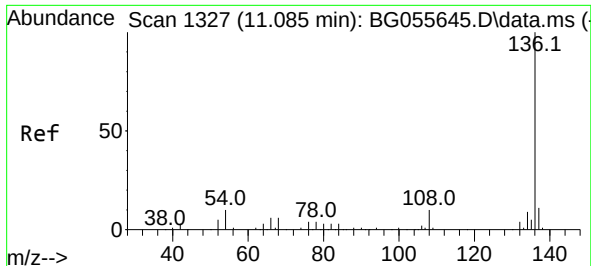
Tgt Ion: 99 Resp: 363823
Ion Ratio Lower Upper
99 100
42 21.5 18.0 27.0
71 36.0 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.644 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.359 min
Lab File: BG055726.D
Acq: 21 Nov 2022 22:30

Tgt Ion: 70 Resp: 30957
Ion Ratio Lower Upper
70 100
42 52.5 55.2 82.8#
101 0.0 7.1 10.7#
130 2.0 16.1 24.1#

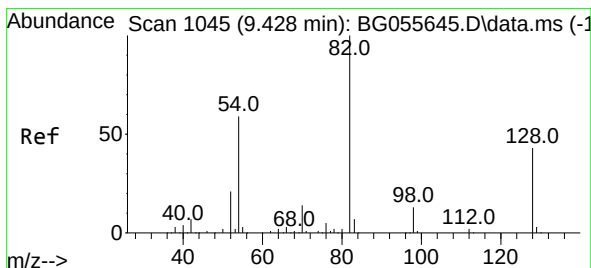
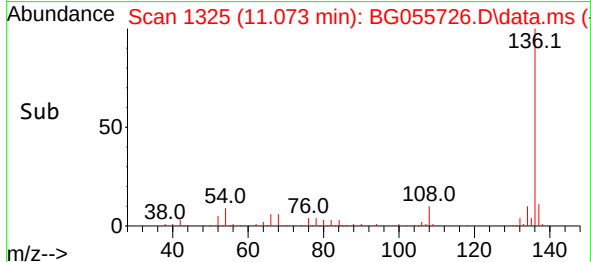
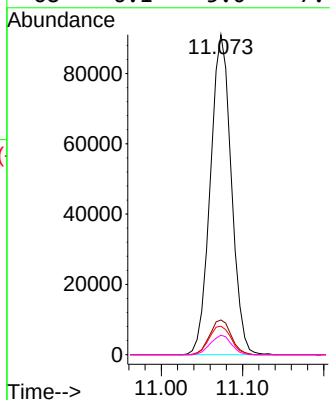
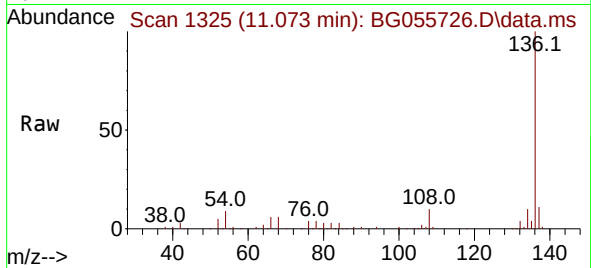




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG055726.D
Acq: 21 Nov 2022 22:30

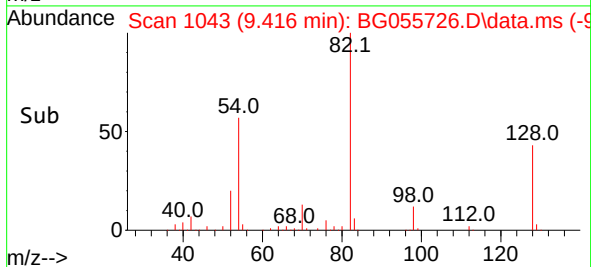
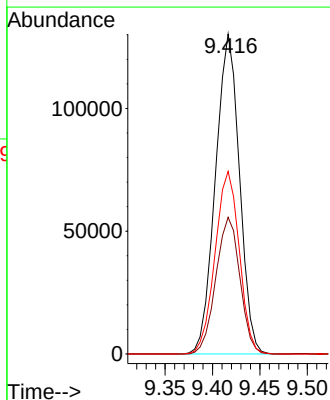
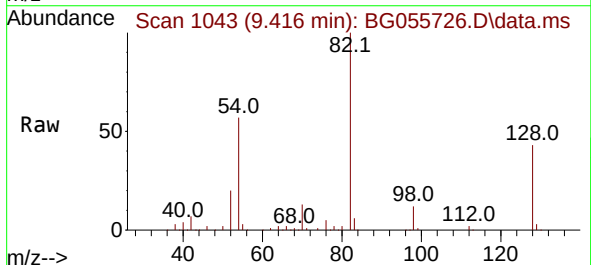
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-04

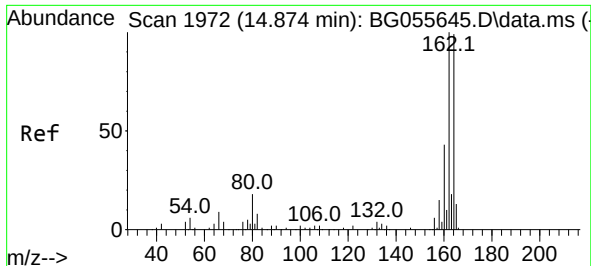
Tgt Ion:	136	Resp:	163254
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.6
54	8.9	7.8	11.6
68	6.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 74.350 ng
RT: 9.416 min Scan# 1043
Delta R.T. -0.011 min
Lab File: BG055726.D
Acq: 21 Nov 2022 22:30

Tgt Ion:	82	Resp:	229646
Ion Ratio	Lower	Upper	
82	100		
128	42.7	34.1	51.1
54	57.1	47.3	70.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.869 min Scan# 1971

Delta R.T. -0.006 min

Lab File: BG055726.D

Acq: 21 Nov 2022 22:30

Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-04

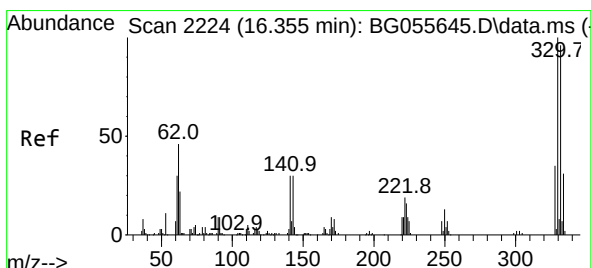
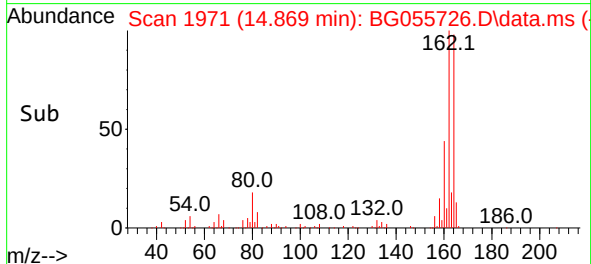
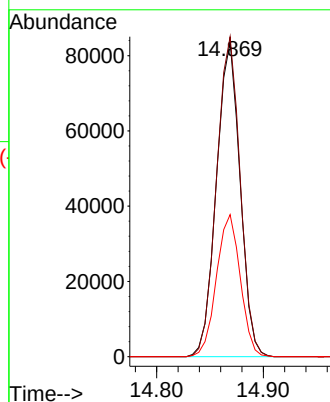
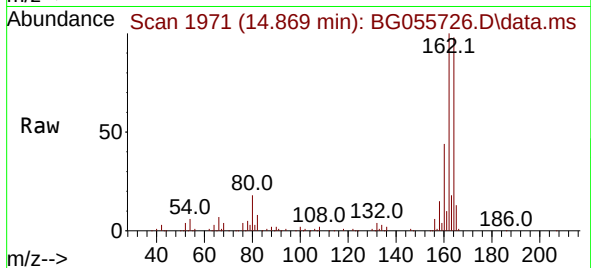
Tgt Ion:164 Resp: 128683

Ion Ratio Lower Upper

164 100

162 101.6 81.1 121.7

160 45.1 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 116.766 ng

RT: 16.349 min Scan# 2223

Delta R.T. -0.006 min

Lab File: BG055726.D

Acq: 21 Nov 2022 22:30

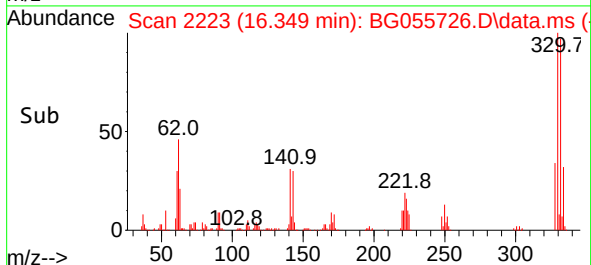
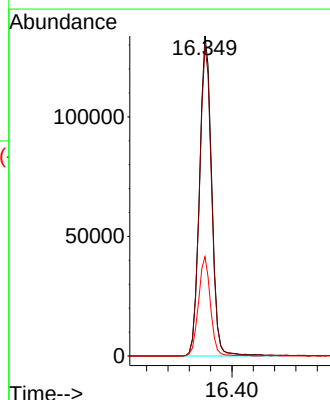
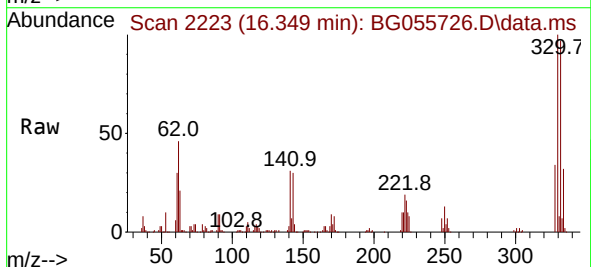
Tgt Ion:330 Resp: 211582

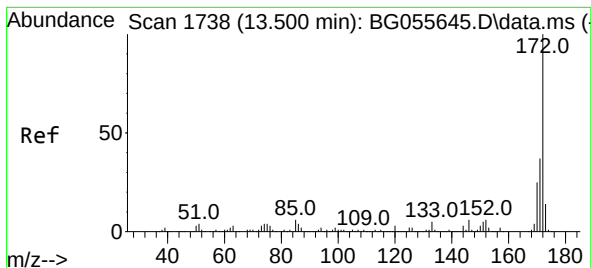
Ion Ratio Lower Upper

330 100

332 96.6 77.8 116.8

141 30.4 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 75.644 ng

RT: 13.494 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG055726.D

Acq: 21 Nov 2022 22:30

Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-04

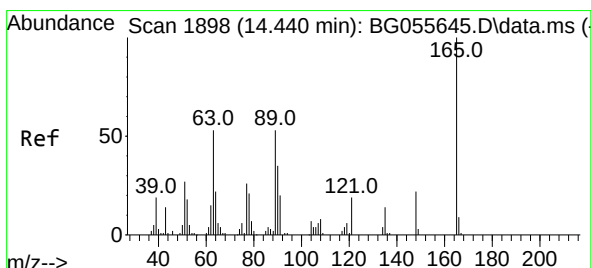
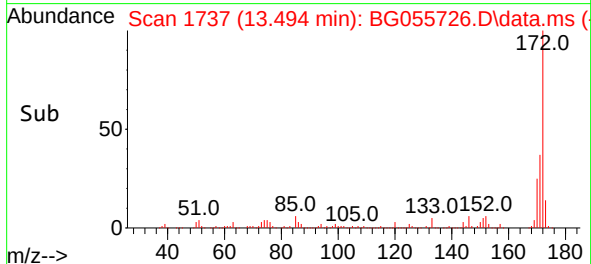
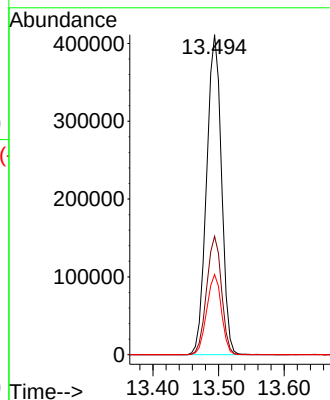
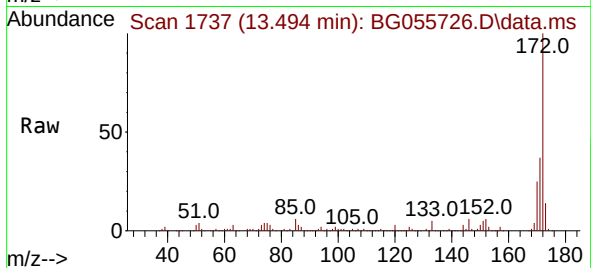
Tgt Ion:172 Resp: 649751

Ion Ratio Lower Upper

172 100

171 37.0 29.8 44.6

170 25.0 20.2 30.4



#51

2,6-Dinitrotoluene

Concen: 7.886 ng

RT: 14.869 min Scan# 1971

Delta R.T. 0.429 min

Lab File: BG055726.D

Acq: 21 Nov 2022 22:30

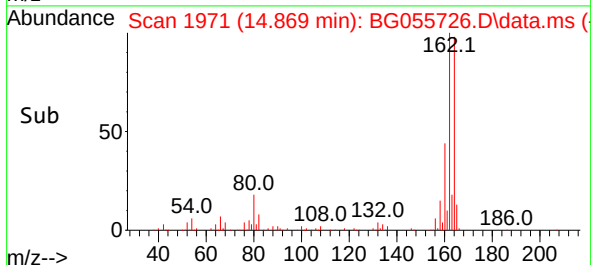
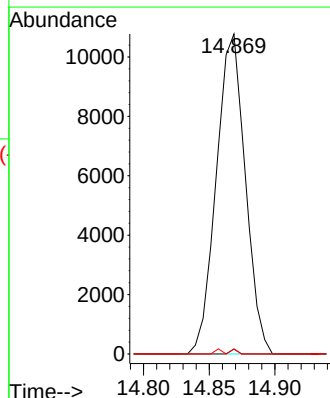
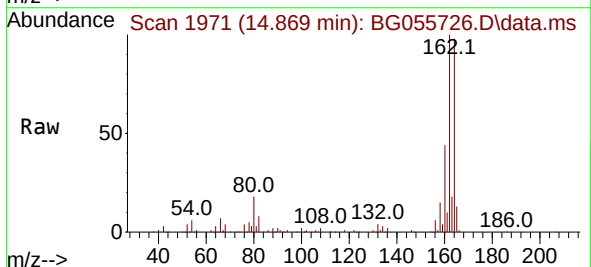
Tgt Ion:165 Resp: 16541

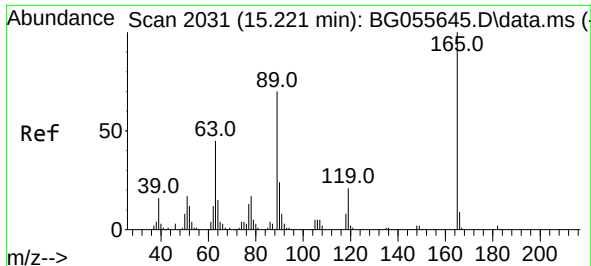
Ion Ratio Lower Upper

165 100

63 1.6 44.6 66.8#

89 1.5 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.593 ng

RT: 14.869 min Scan# 1971

Delta R.T. -0.352 min

Lab File: BG055726.D

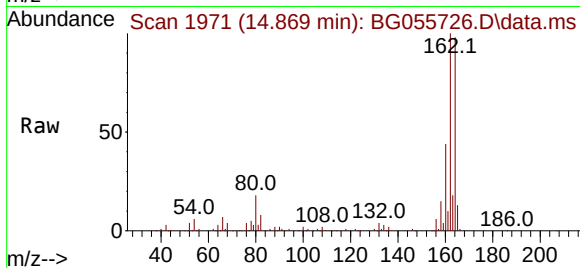
Acq: 21 Nov 2022 22:30

Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-04



Tgt Ion:165 Resp: 16541

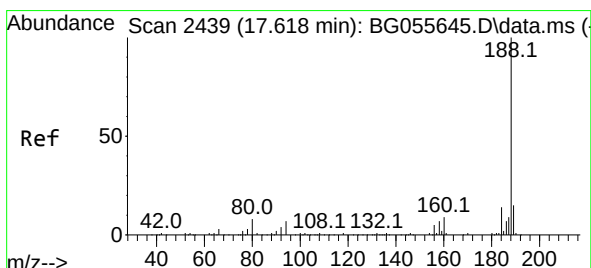
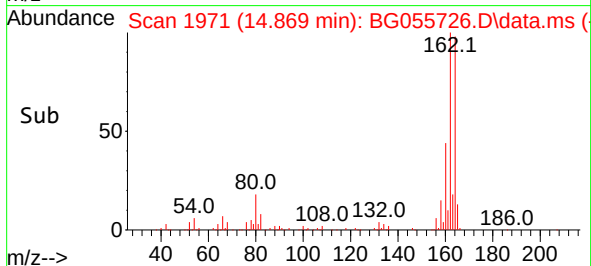
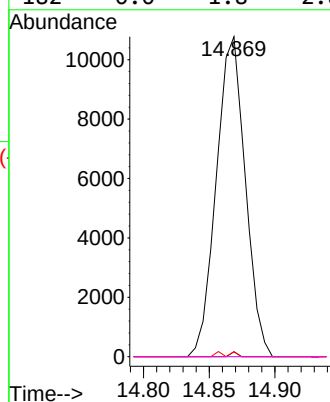
Ion Ratio Lower Upper

165 100

63 1.6 35.8 53.8#

89 1.5 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.607 min Scan# 2437

Delta R.T. -0.011 min

Lab File: BG055726.D

Acq: 21 Nov 2022 22:30

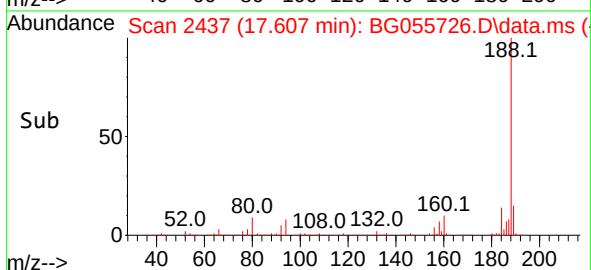
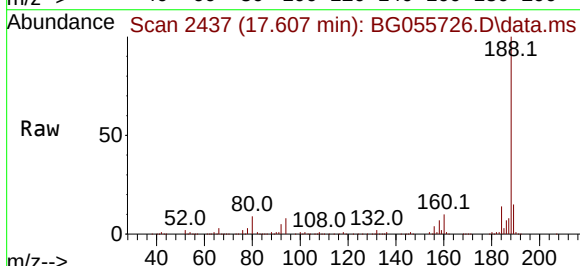
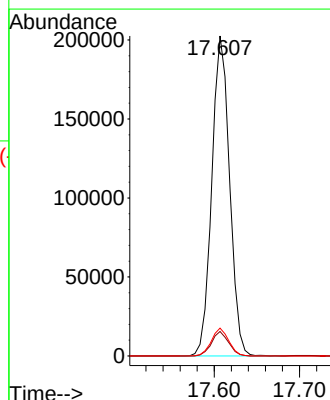
Tgt Ion:188 Resp: 293241

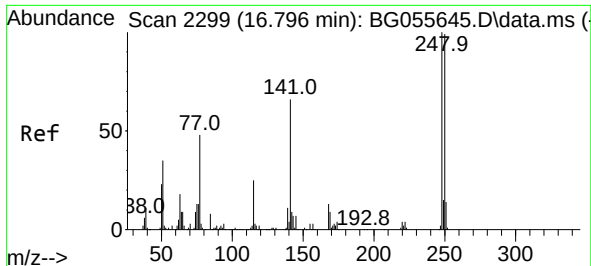
Ion Ratio Lower Upper

188 100

94 7.6 5.4 8.2

80 8.7 6.6 10.0

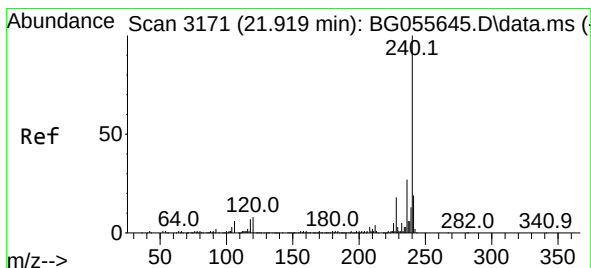
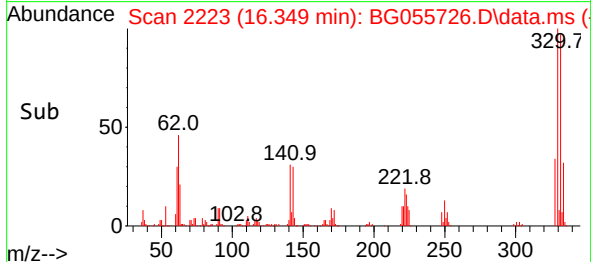
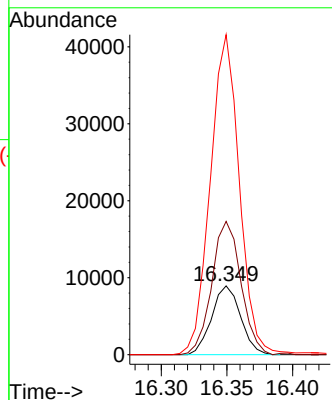
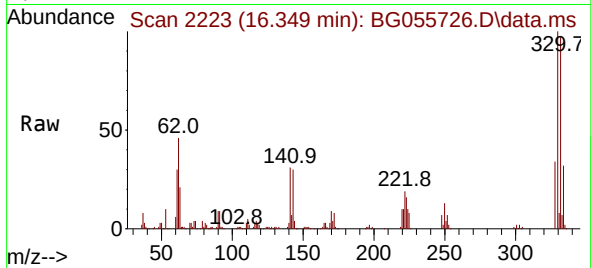




#67
4-Bromophenyl-phenylether
Concen: 4.093 ng
RT: 16.349 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG055726.D
Acq: 21 Nov 2022 22:30

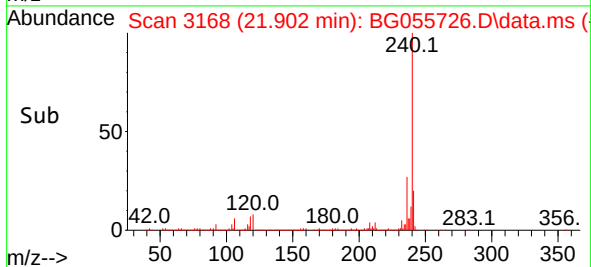
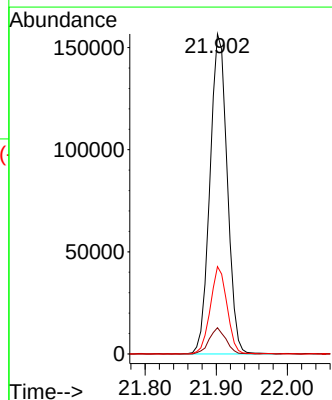
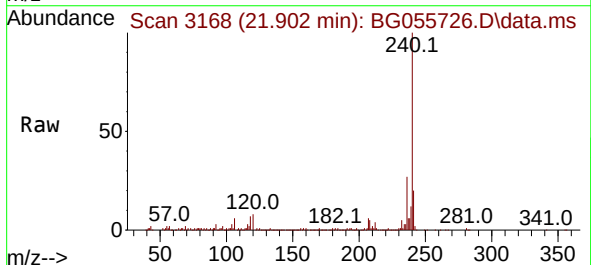
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-04

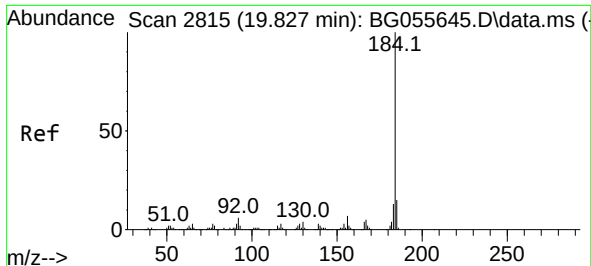
Tgt Ion:248 Resp: 13675
Ion Ratio Lower Upper
248 100
250 193.8 79.0 118.4#
141 465.4 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.902 min Scan# 3168
Delta R.T. -0.017 min
Lab File: BG055726.D
Acq: 21 Nov 2022 22:30

Tgt Ion:240 Resp: 264816
Ion Ratio Lower Upper
240 100
120 8.2 6.3 9.5
236 27.3 21.9 32.9

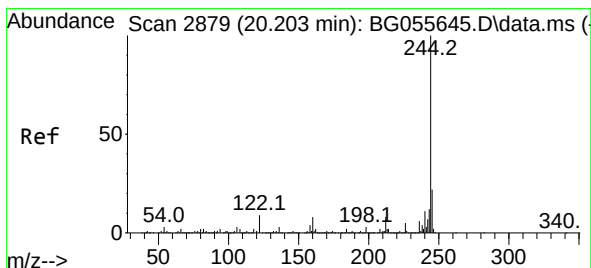
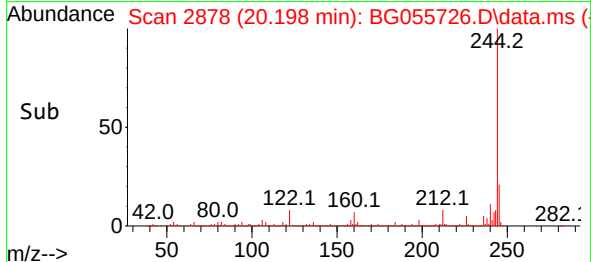
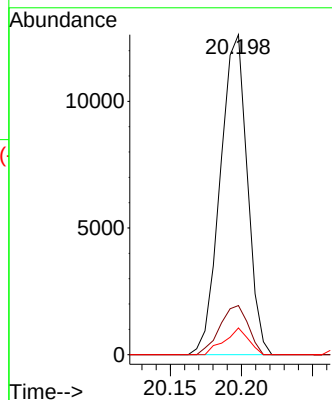
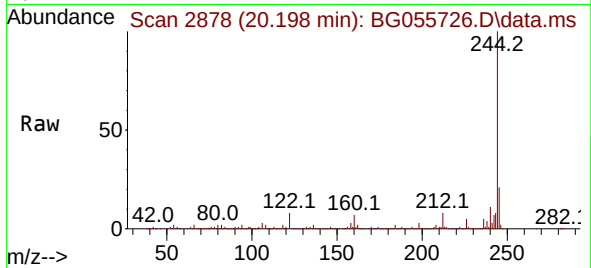




#77
Benzidine
Concen: 2.723 ng
RT: 20.198 min Scan# 21
Delta R.T. 0.370 min
Lab File: BG055726.D
Acq: 21 Nov 2022 22:30

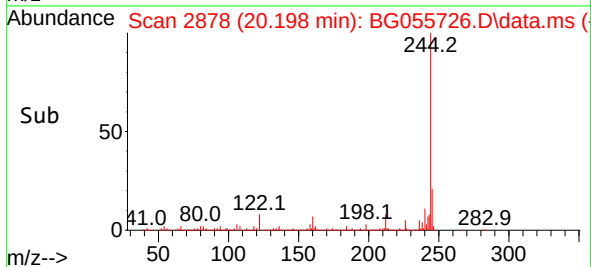
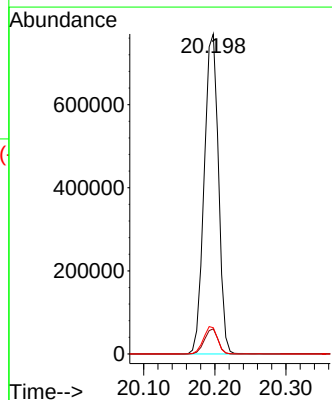
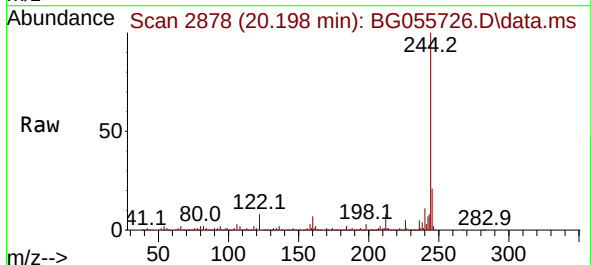
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-04

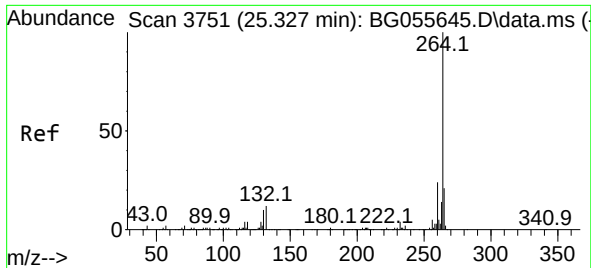
Tgt Ion:184 Resp: 16684
Ion Ratio Lower Upper
184 100
185 15.3 11.8 17.8
183 8.3 10.6 15.8#



#79
Terphenyl-d14
Concen: 81.238 ng
RT: 20.198 min Scan# 2878
Delta R.T. -0.006 min
Lab File: BG055726.D
Acq: 21 Nov 2022 22:30

Tgt Ion:244 Resp: 1075583
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 8.2 6.9 10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.309 min Scan# 31
Delta R.T. -0.017 min
Lab File: BG055726.D
Acq: 21 Nov 2022 22:30

Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-04

Tgt Ion:264 Resp: 278927

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.4	17.1	25.7

