

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055725.D
 Acq On : 21 Nov 2022 21:49
 Operator : CG/JU
 Sample : N5678-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-03

Quant Time: Nov 22 02:08:43 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)

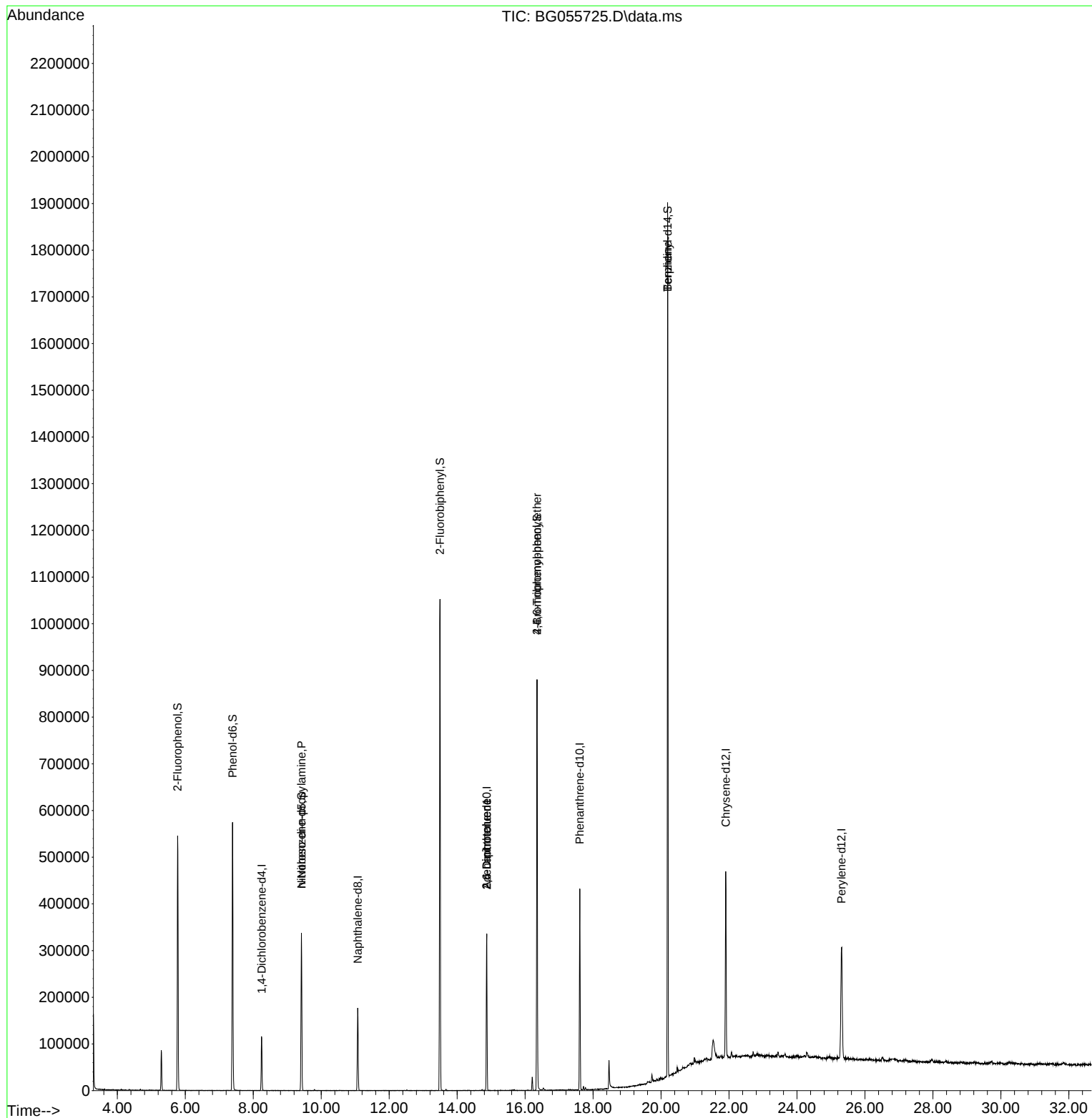
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.248	152	33894	20.000	ng	0.00
21) Naphthalene-d8	11.074	136	154476	20.000	ng	-0.01
39) Acenaphthene-d10	14.869	164	122205	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	279148	20.000	ng	-0.01
76) Chrysene-d12	21.902	240	251782	20.000	ng	-0.02
86) Perylene-d12	25.310	264	267182	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.774	112	234178	124.884	ng	0.00
7) Phenol-d6	7.390	99	319746	128.096	ng	0.00
23) Nitrobenzene-d5	9.417	82	196835	67.348	ng	-0.01
42) 2,4,6-Tribromophenol	16.350	330	183845	106.837	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	562093	68.908	ng	0.00
79) Terphenyl-d14	20.193	244	958037	76.105	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.417	70	26312	13.719	ng	# 79
51) 2,6-Dinitrotoluene	14.869	165	15984	8.025	ng	# 26
57) 2,4-Dinitrotoluene	14.869	165	15984	5.692	ng	# 24
67) 4-Bromophenyl-phenylether	16.350	248	12023	3.780	ng	# 1
77) Benzidine	20.193	184	14240	2.445	ng	# 88

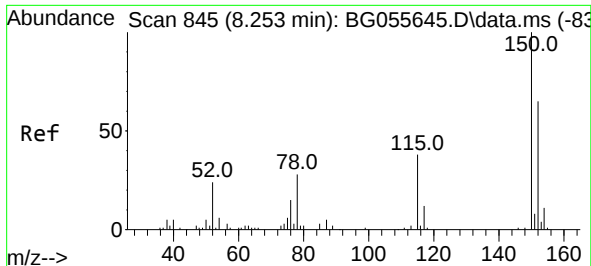
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

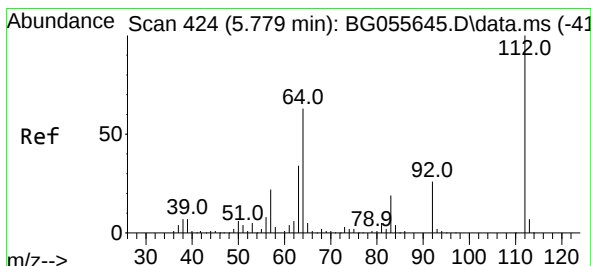
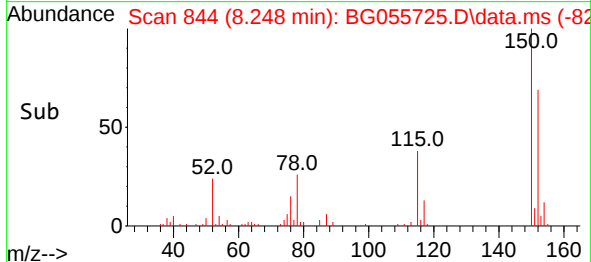
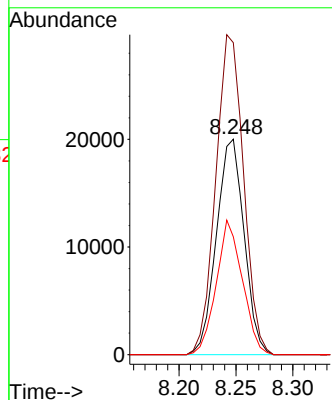
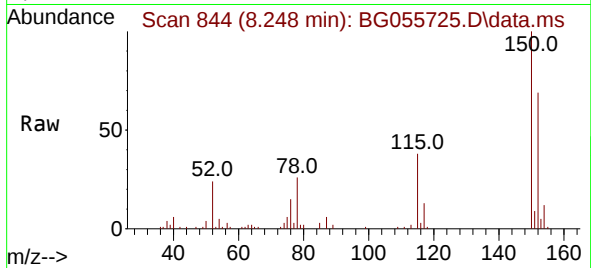




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.248 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055725.D
Acq: 21 Nov 2022 21:49

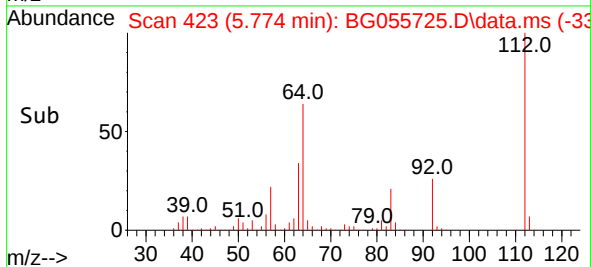
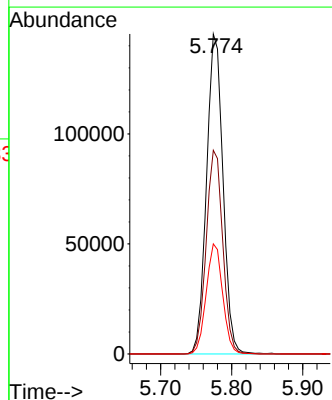
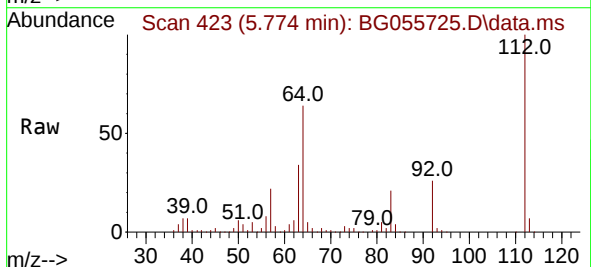
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-03

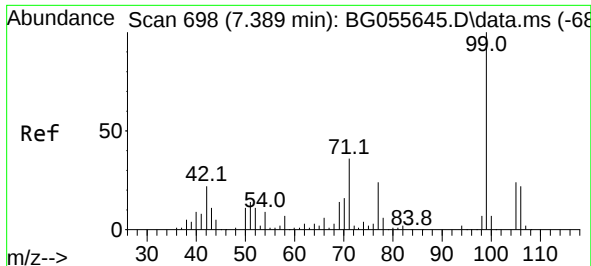
Tgt Ion:152 Resp: 33894
Ion Ratio Lower Upper
152 100
150 144.7 123.0 184.6
115 54.7 47.0 70.4



#5
2-Fluorophenol
Concen: 124.884 ng
RT: 5.774 min Scan# 423
Delta R.T. -0.005 min
Lab File: BG055725.D
Acq: 21 Nov 2022 21:49

Tgt Ion:112 Resp: 234178
Ion Ratio Lower Upper
112 100
64 63.7 50.6 76.0
63 34.4 27.5 41.3

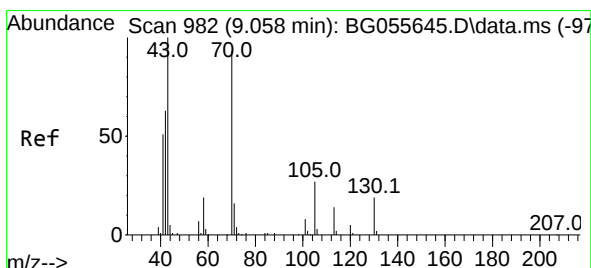
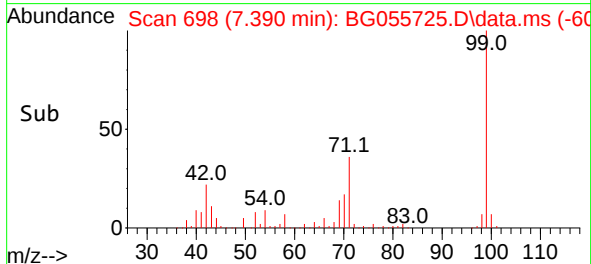
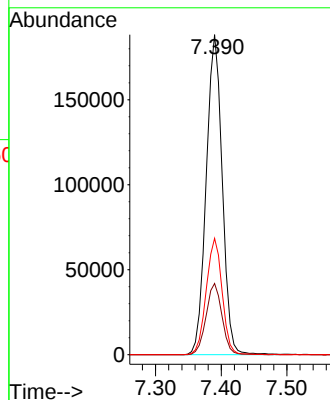
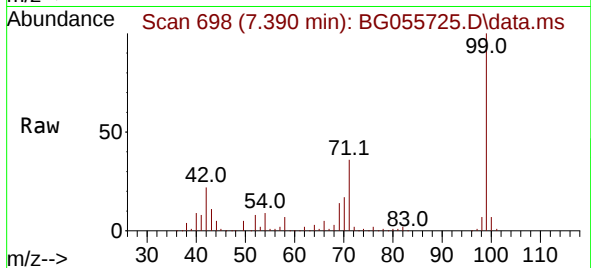




#7
Phenol-d6
Concen: 128.096 ng
RT: 7.390 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG055725.D
Acq: 21 Nov 2022 21:49

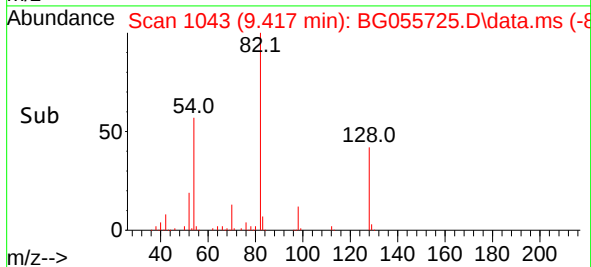
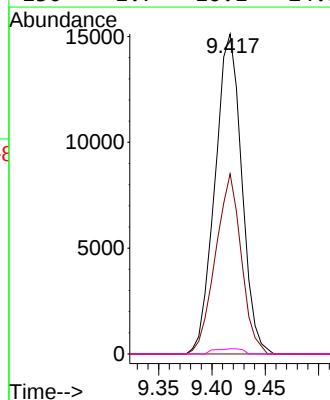
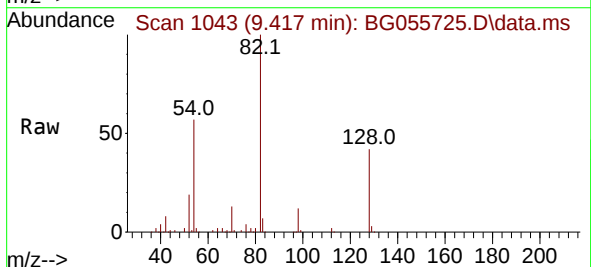
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-03

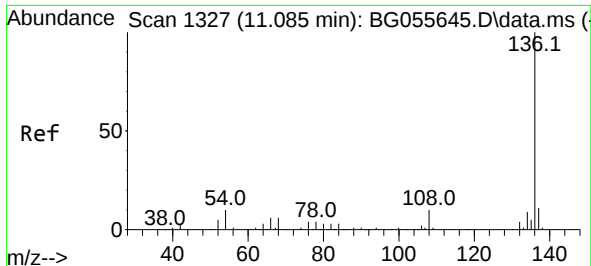
Tgt Ion: 99 Resp: 319746
Ion Ratio Lower Upper
99 100
42 22.3 18.0 27.0
71 36.4 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.719 ng
RT: 9.417 min Scan# 1043
Delta R.T. 0.359 min
Lab File: BG055725.D
Acq: 21 Nov 2022 21:49

Tgt Ion: 70 Resp: 26312
Ion Ratio Lower Upper
70 100
42 56.3 55.2 82.8
101 0.0 7.1 10.7#
130 1.7 16.1 24.1#

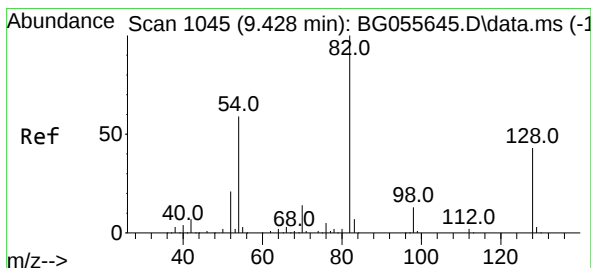
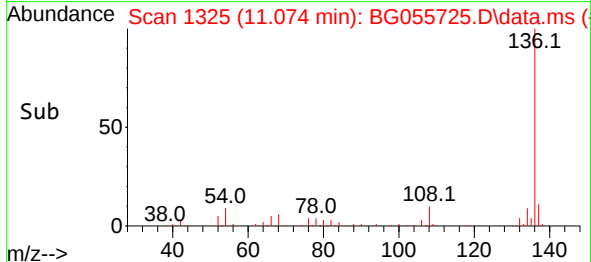
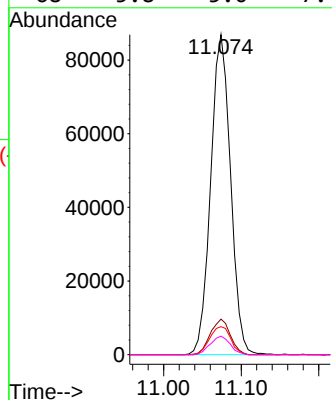
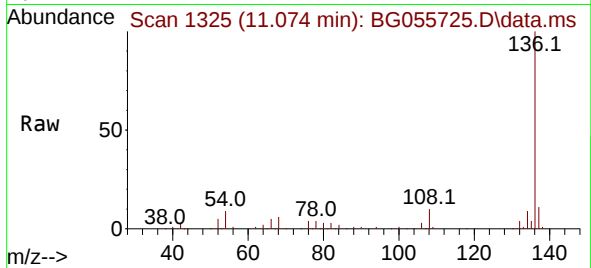




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.074 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG055725.D
Acq: 21 Nov 2022 21:49

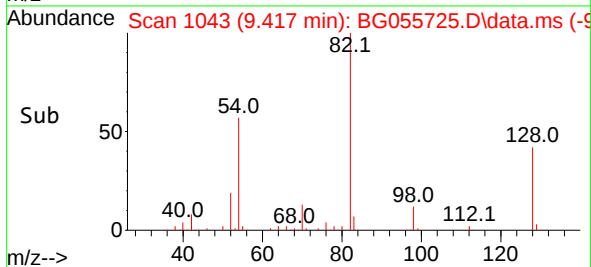
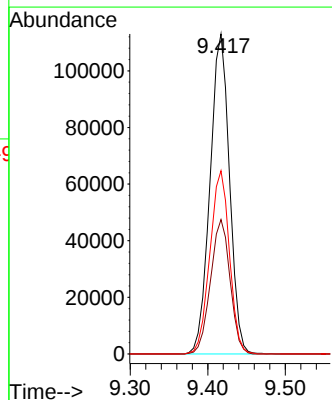
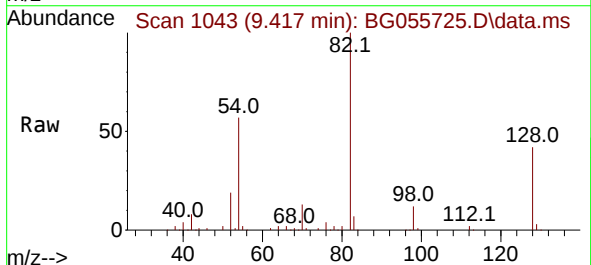
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-03

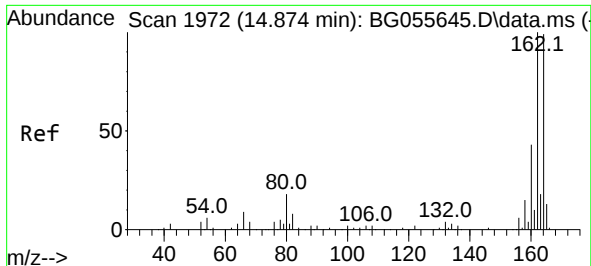
Tgt Ion:	136	Resp:	154476
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.6
54	8.8	7.8	11.6
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 67.348 ng
RT: 9.417 min Scan# 1043
Delta R.T. -0.011 min
Lab File: BG055725.D
Acq: 21 Nov 2022 21:49

Tgt Ion:	82	Resp:	196835
Ion Ratio	Lower	Upper	
82	100		
128	42.0	34.1	51.1
54	57.2	47.3	70.9

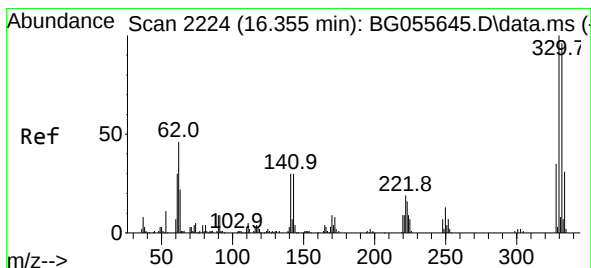
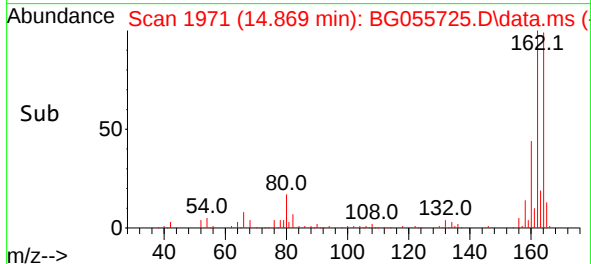
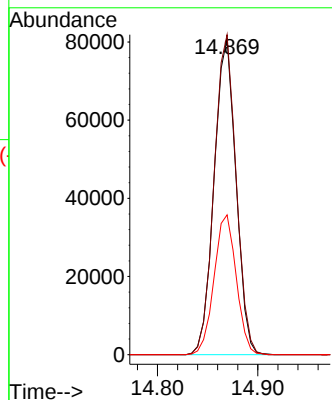
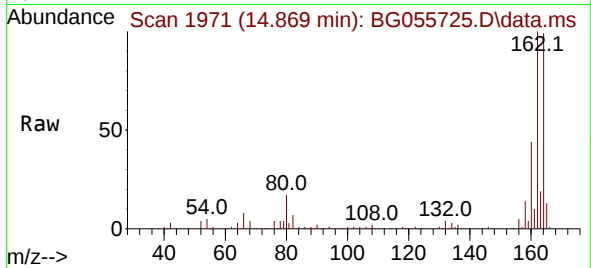




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BG055725.D
Acq: 21 Nov 2022 21:49

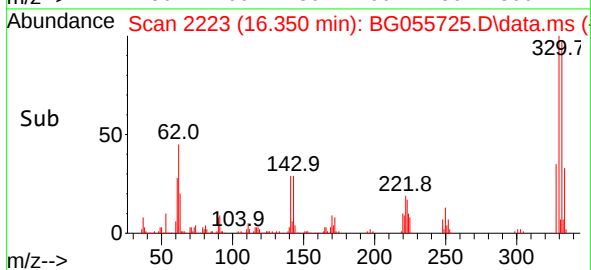
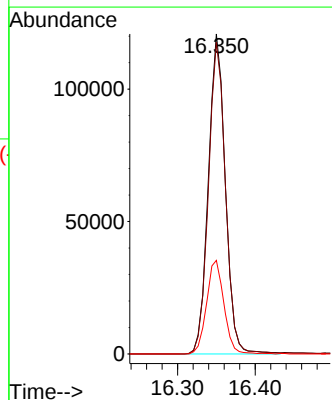
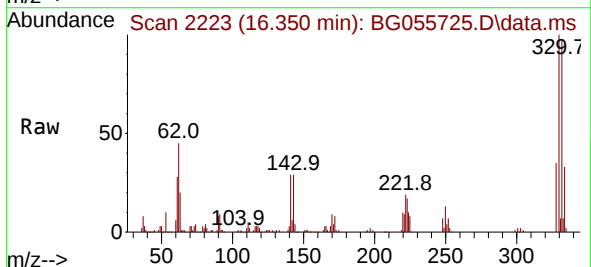
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-03

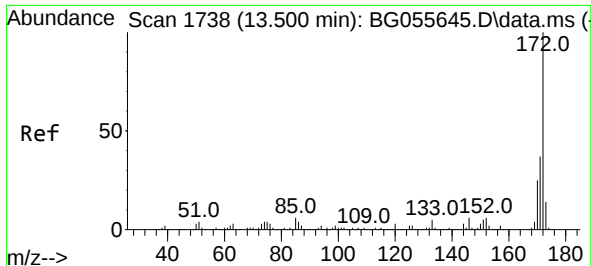
Tgt Ion:164 Resp: 122205
Ion Ratio Lower Upper
164 100
162 101.2 81.1 121.7
160 44.2 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 106.837 ng
RT: 16.350 min Scan# 2223
Delta R.T. -0.005 min
Lab File: BG055725.D
Acq: 21 Nov 2022 21:49

Tgt Ion:330 Resp: 183845
Ion Ratio Lower Upper
330 100
332 98.4 77.8 116.8
141 29.9 23.9 35.9

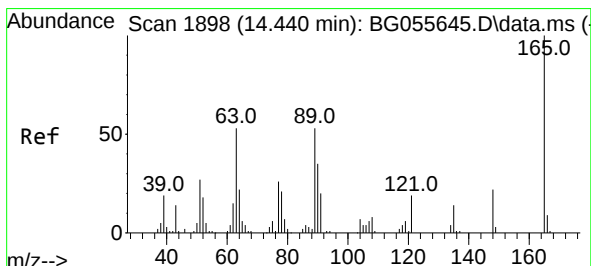
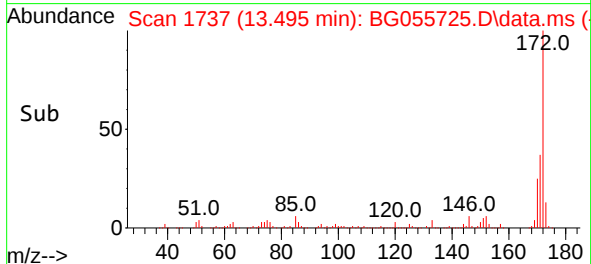
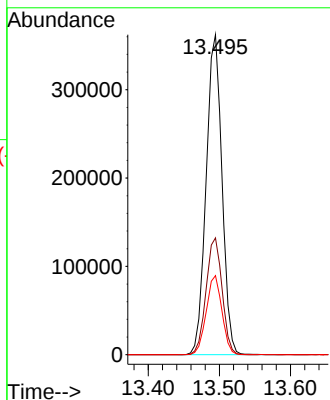
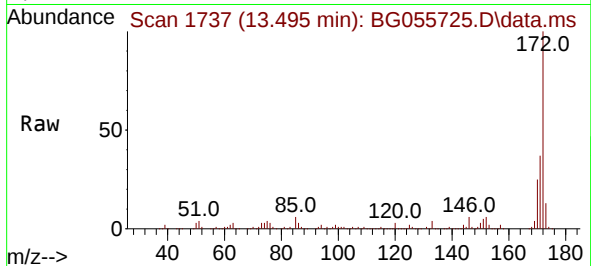




#45
2-Fluorobiphenyl
Concen: 68.908 ng
RT: 13.495 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055725.D
Acq: 21 Nov 2022 21:49

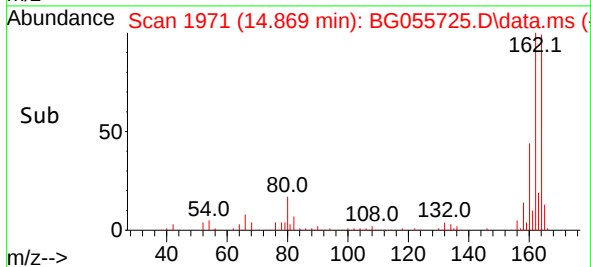
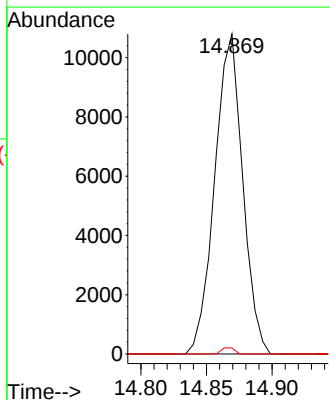
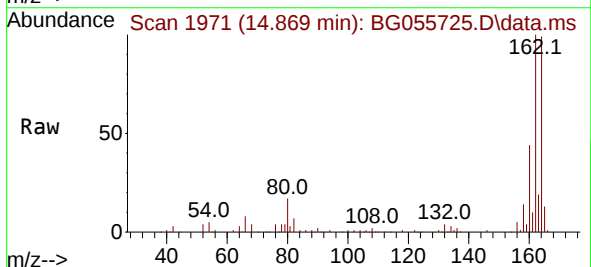
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-03

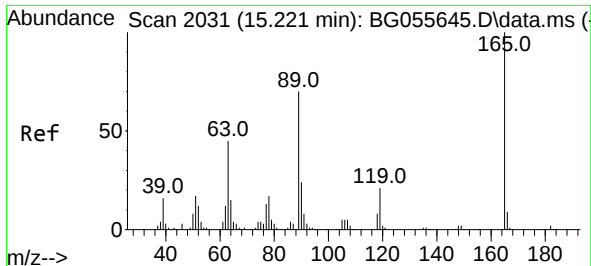
Tgt Ion:172 Resp: 562093
Ion Ratio Lower Upper
172 100
171 36.5 29.8 44.6
170 24.7 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.025 ng
RT: 14.869 min Scan# 1971
Delta R.T. 0.430 min
Lab File: BG055725.D
Acq: 21 Nov 2022 21:49

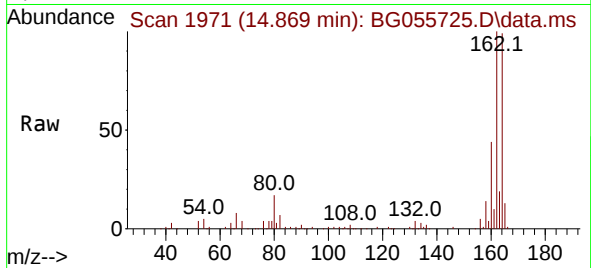
Tgt Ion:165 Resp: 15984
Ion Ratio Lower Upper
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63 0.0 44.6 66.8#
89 1.9 42.2 63.4#



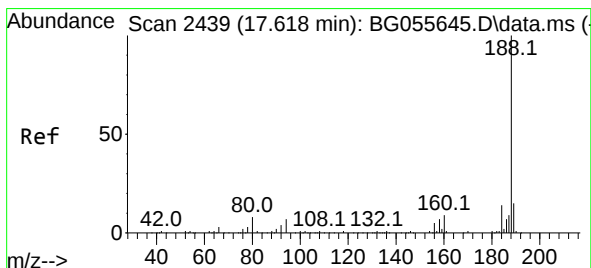
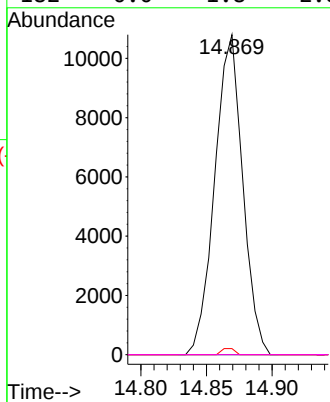
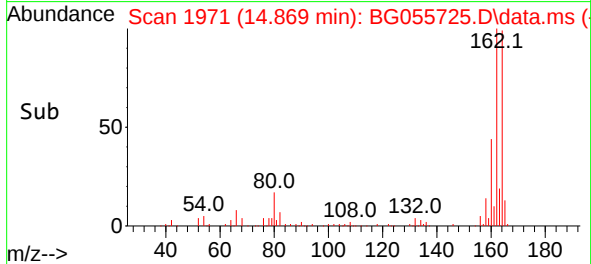


#57
2,4-Dinitrotoluene
Concen: 5.692 ng
RT: 14.869 min Scan# 1971
Delta R.T. -0.352 min
Lab File: BG055725.D
Acq: 21 Nov 2022 21:49

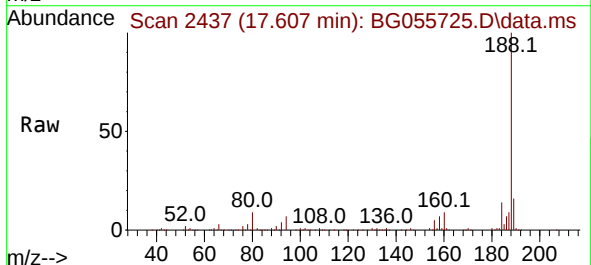
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BNA_G
ClientSampleId :
250FB-BP-BACKFILL-03



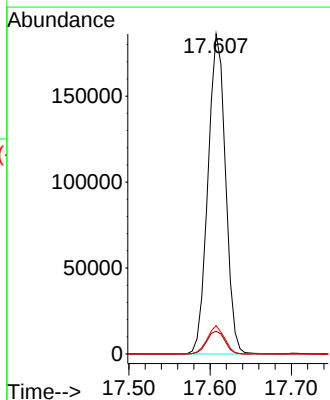
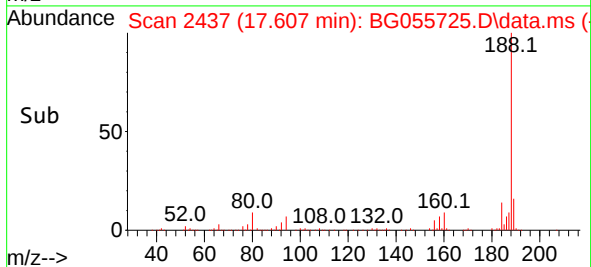
Tgt Ion:165 Resp: 15984
Ion Ratio Lower Upper
165 100
63 0.0 35.8 53.8#
89 1.9 56.2 84.4#
182 0.0 1.8 2.8#

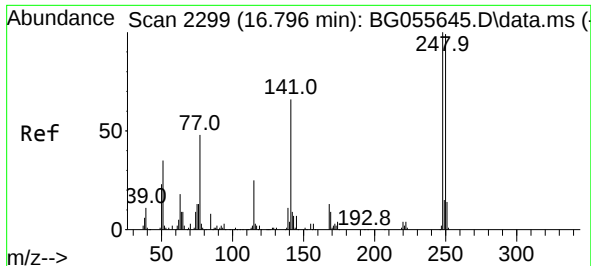


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 2437
Delta R.T. -0.011 min
Lab File: BG055725.D
Acq: 21 Nov 2022 21:49



Tgt Ion:188 Resp: 279148
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.2
80 8.9 6.6 10.0

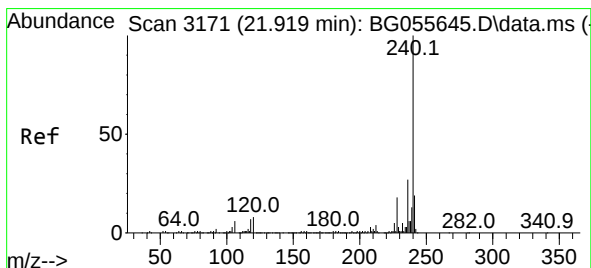
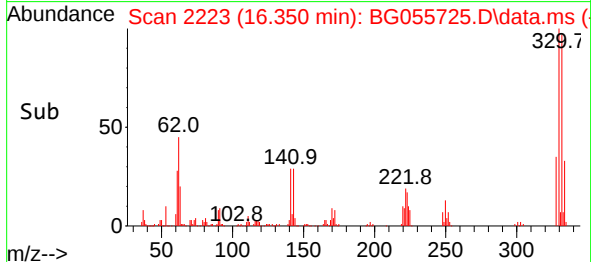
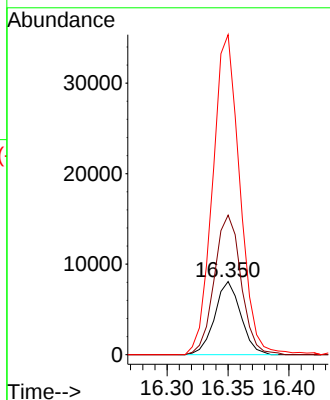
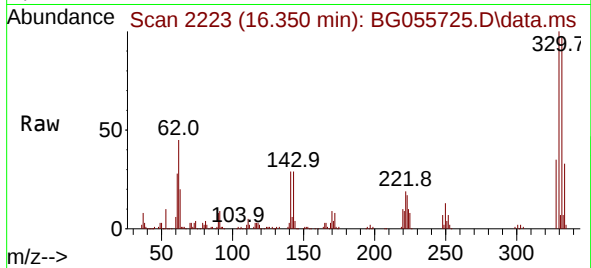




#67
4-Bromophenyl-phenylether
Concen: 3.780 ng
RT: 16.350 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG055725.D
Acq: 21 Nov 2022 21:49

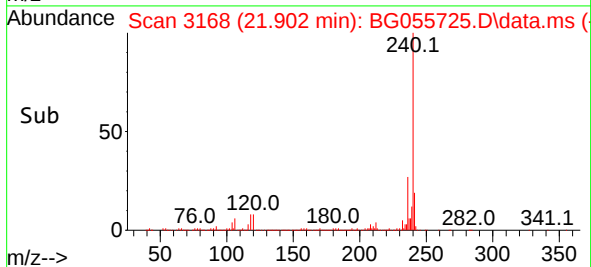
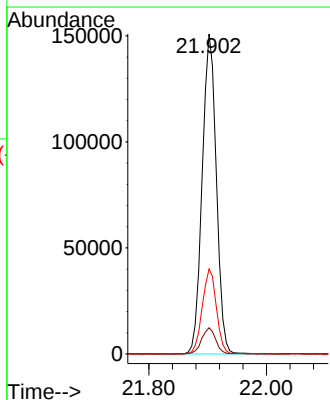
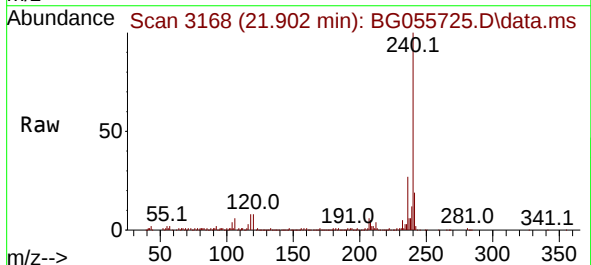
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-03

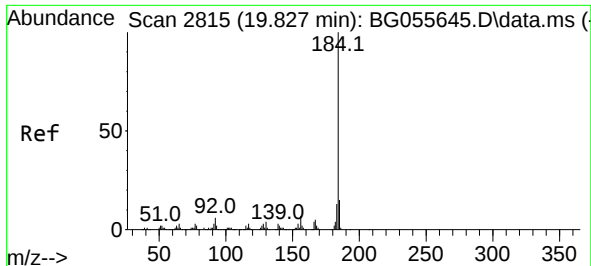
Tgt Ion:248 Resp: 12023
Ion Ratio Lower Upper
248 100
250 190.6 79.0 118.4#
141 437.4 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.902 min Scan# 3168
Delta R.T. -0.017 min
Lab File: BG055725.D
Acq: 21 Nov 2022 21:49

Tgt Ion:240 Resp: 251782
Ion Ratio Lower Upper
240 100
120 8.2 6.3 9.5
236 26.5 21.9 32.9

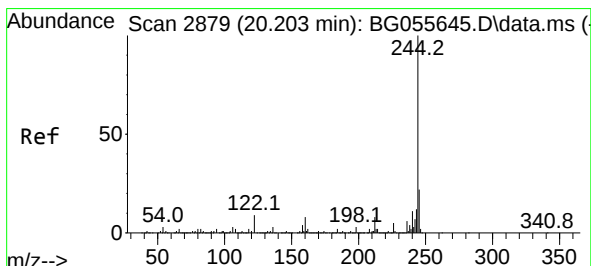
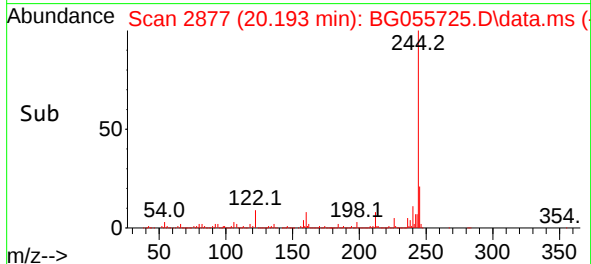
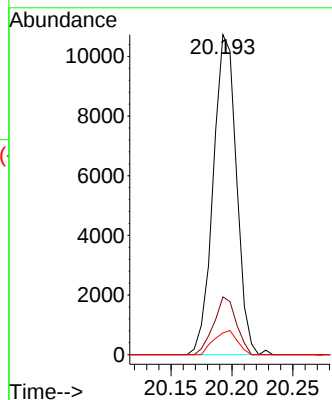
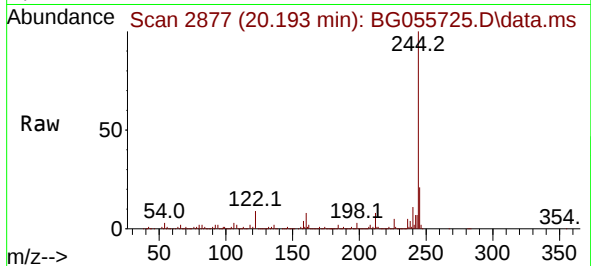




#77
Benzidine
Concen: 2.445 ng
RT: 20.193 min Scan# 2877
Delta R.T. 0.365 min
Lab File: BG055725.D
Acq: 21 Nov 2022 21:49

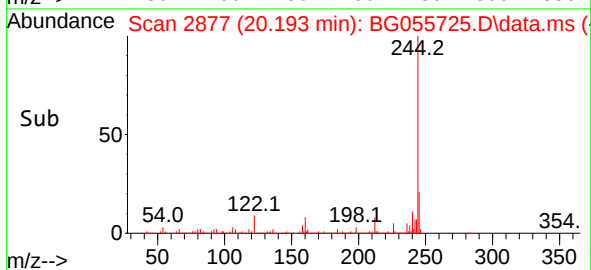
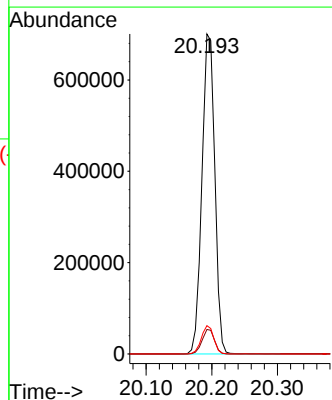
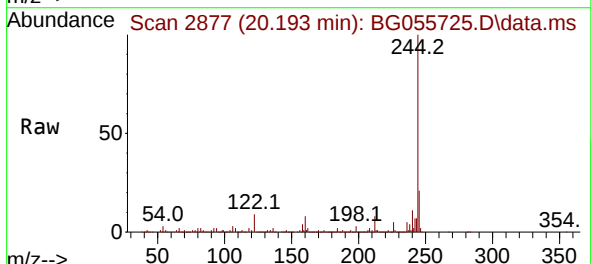
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-03

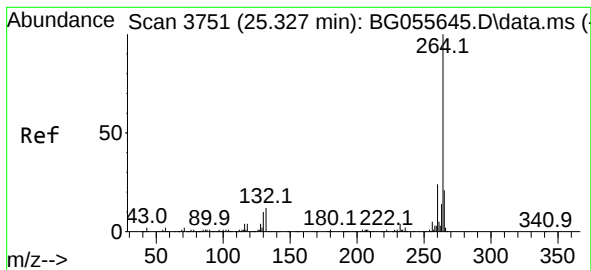
Tgt Ion:184 Resp: 14240
Ion Ratio Lower Upper
184 100
185 18.1 11.8 17.8#
183 6.8 10.6 15.8#



#79
Terphenyl-d14
Concen: 76.105 ng
RT: 20.193 min Scan# 2877
Delta R.T. -0.011 min
Lab File: BG055725.D
Acq: 21 Nov 2022 21:49

Tgt Ion:244 Resp: 958037
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 8.9 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.310 min Scan# 31
 Delta R.T. -0.017 min
 Lab File: BG055725.D
 Acq: 21 Nov 2022 21:49

Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-03

Tgt Ion:264 Resp: 267182
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.7 17.1 25.7

