

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055713.D
 Acq On : 21 Nov 2022 13:22
 Operator : CG/JU
 Sample : N5678-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-01

Quant Time: Nov 22 02:02:40 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)

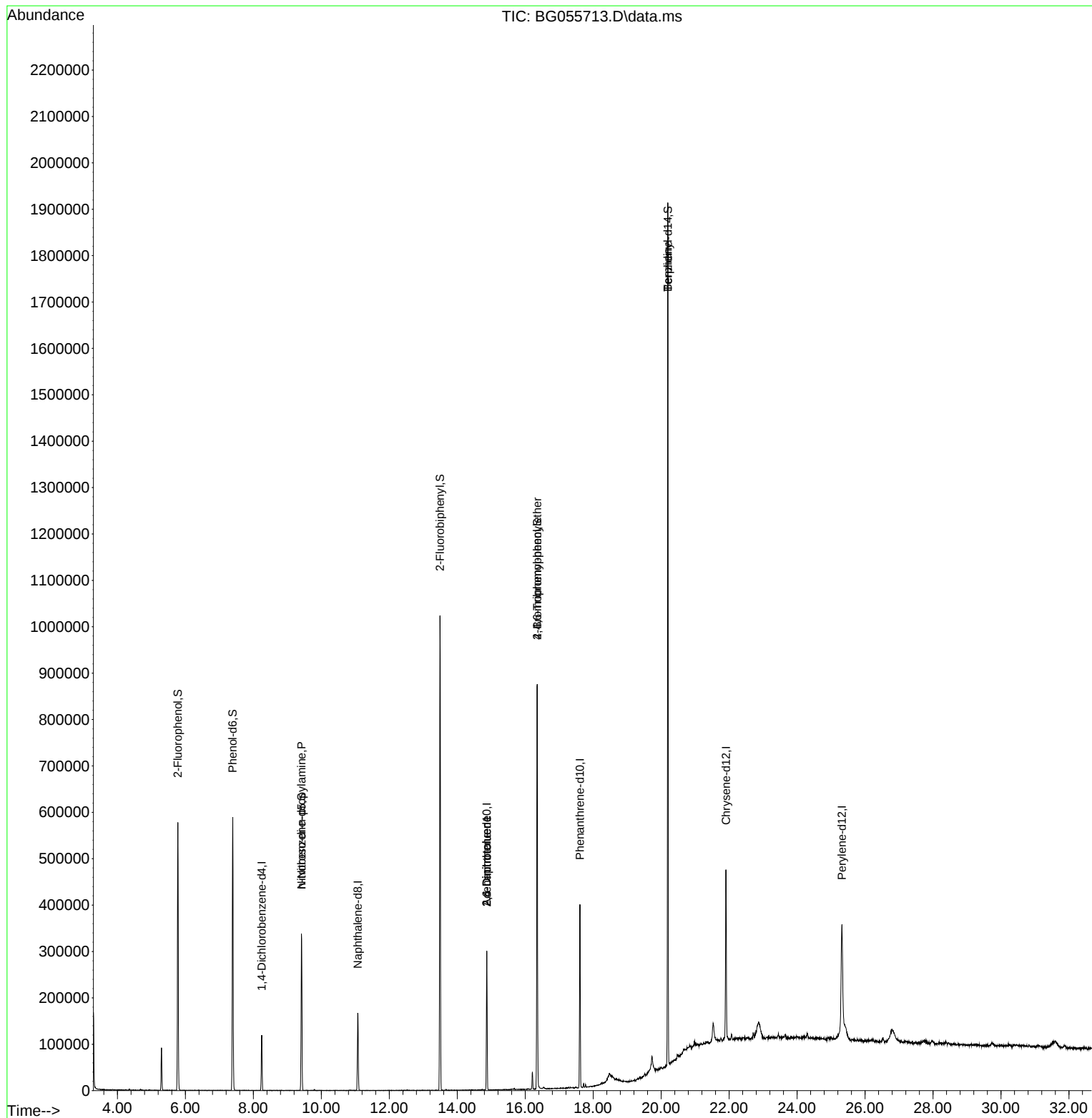
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	34251	20.000	ng	0.00
21) Naphthalene-d8	11.072	136	145779	20.000	ng	-0.01
39) Acenaphthene-d10	14.868	164	108560	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	259479	20.000	ng	0.00
76) Chrysene-d12	21.907	240	235721	20.000	ng	-0.01
86) Perylene-d12	25.320	264	248111	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.779	112	242191	127.811	ng	0.00
7) Phenol-d6	7.394	99	318373	126.216	ng	0.00
23) Nitrobenzene-d5	9.416	82	198263	71.884	ng	-0.01
42) 2,4,6-Tribromophenol	16.355	330	193767	126.756	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	538872	74.364	ng	0.00
79) Terphenyl-d14	20.197	244	917566	77.857	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.416	70	27469	14.173	ng	# 80
51) 2,6-Dinitrotoluene	14.868	165	14173	8.010	ng	# 24
57) 2,4-Dinitrotoluene	14.868	165	14173	5.681	ng	# 22
67) 4-Bromophenyl-phenylether	16.355	248	12501	4.228	ng	# 1
77) Benzidine	20.197	184	14265	2.616	ng	# 90

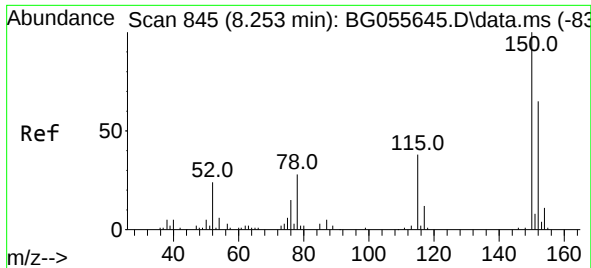
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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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

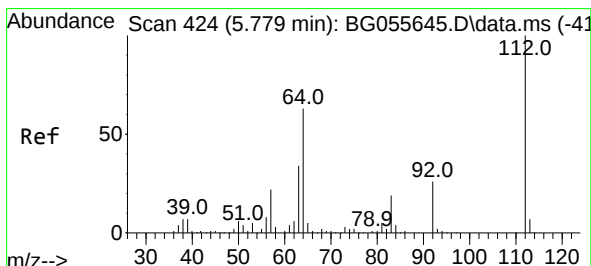
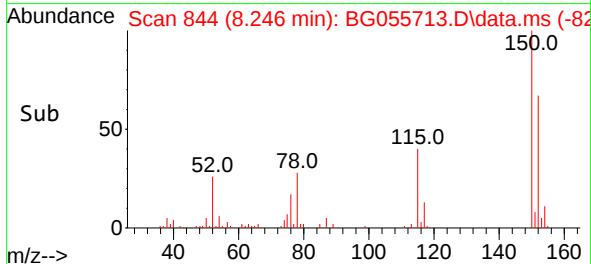
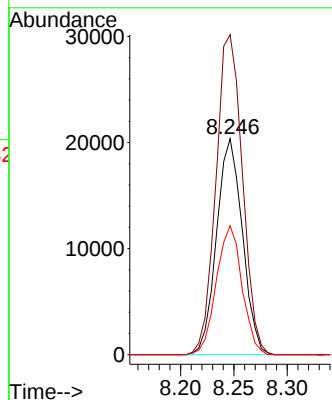
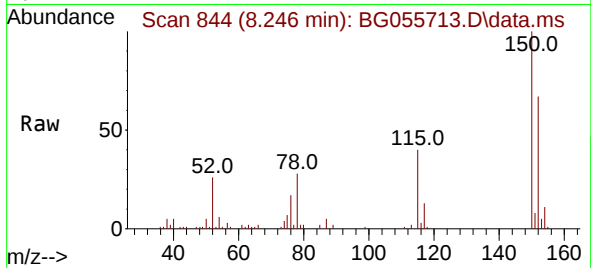




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.246 min Scan# 845
Delta R.T. -0.007 min
Lab File: BG055713.D
Acq: 21 Nov 2022 13:22

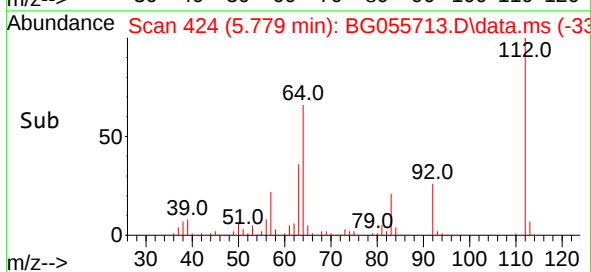
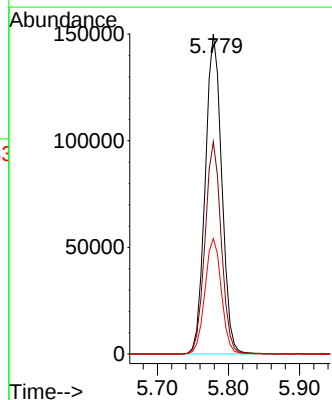
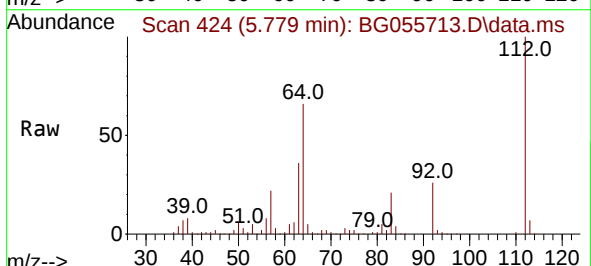
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-01

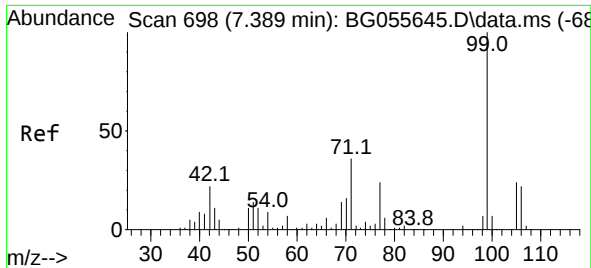
Tgt Ion:152 Resp: 34251
Ion Ratio Lower Upper
152 100
150 148.2 123.0 184.6
115 59.7 47.0 70.4



#5
2-Fluorophenol
Concen: 127.811 ng
RT: 5.779 min Scan# 424
Delta R.T. -0.000 min
Lab File: BG055713.D
Acq: 21 Nov 2022 13:22

Tgt Ion:112 Resp: 242191
Ion Ratio Lower Upper
112 100
64 66.3 50.6 76.0
63 36.1 27.5 41.3

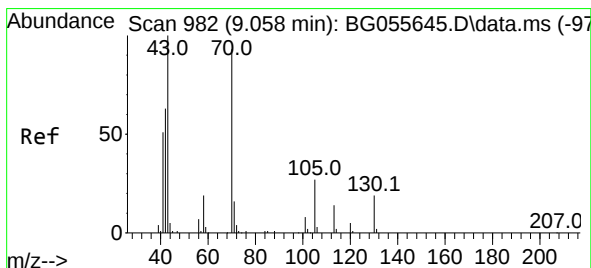
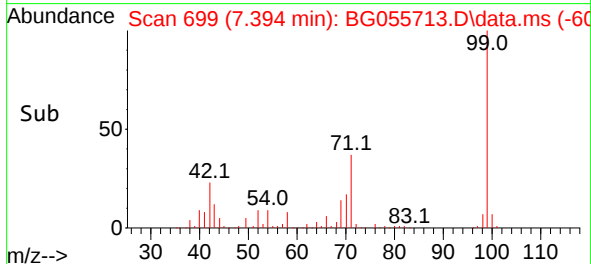
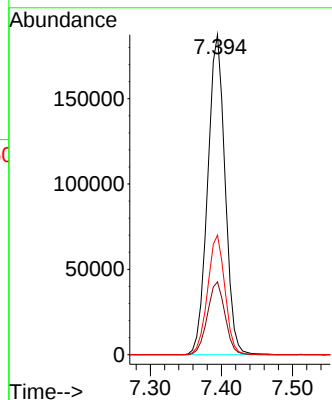
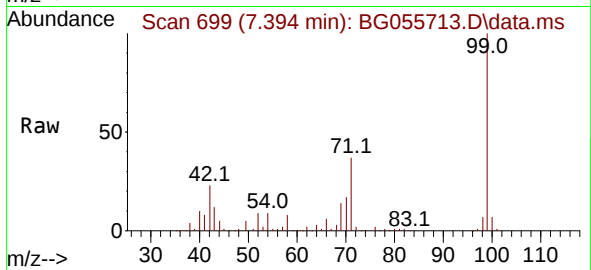




#7
Phenol-d6
Concen: 126.216 ng
RT: 7.394 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG055713.D
Acq: 21 Nov 2022 13:22

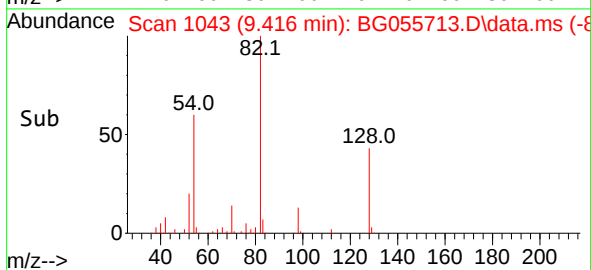
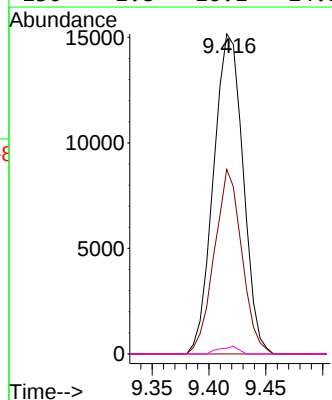
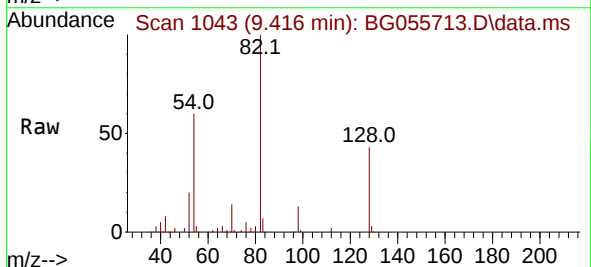
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-01

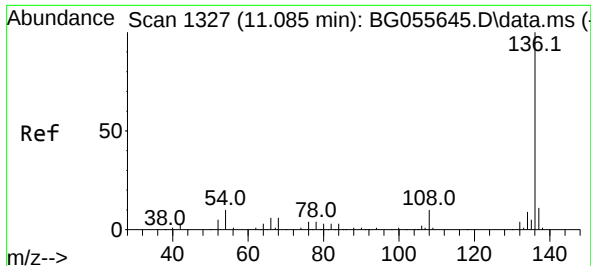
Tgt Ion: 99 Resp: 318373
Ion Ratio Lower Upper
99 100
42 22.7 18.0 27.0
71 37.3 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.173 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.358 min
Lab File: BG055713.D
Acq: 21 Nov 2022 13:22

Tgt Ion: 70 Resp: 27469
Ion Ratio Lower Upper
70 100
42 57.7 55.2 82.8
101 0.0 7.1 10.7#
130 1.8 16.1 24.1#

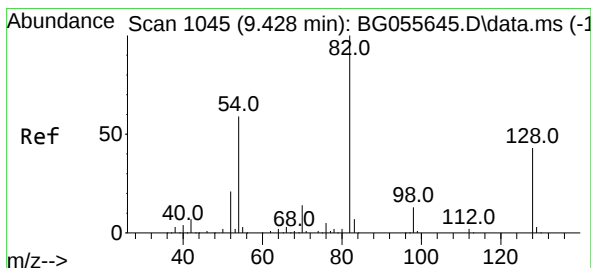
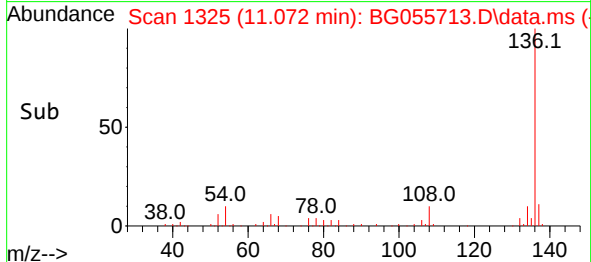
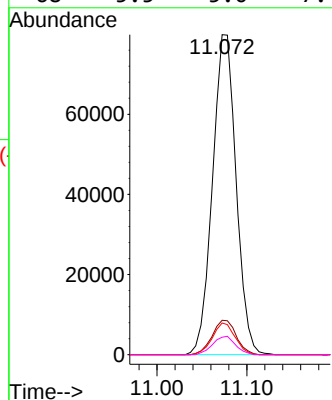
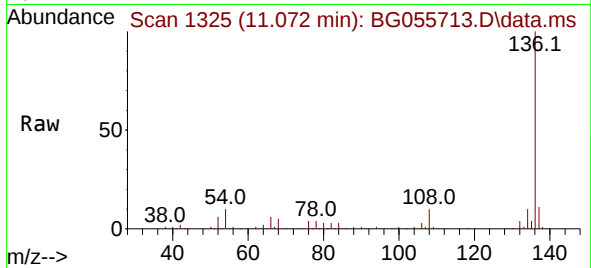




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.072 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG055713.D
Acq: 21 Nov 2022 13:22

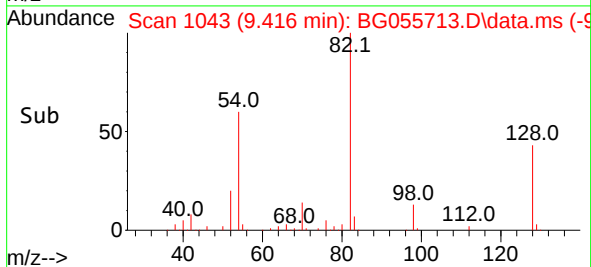
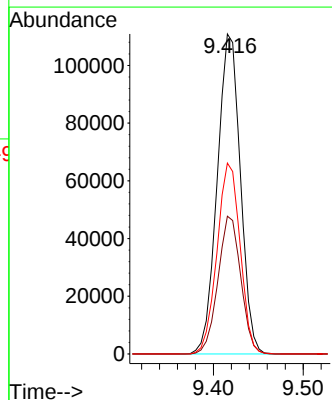
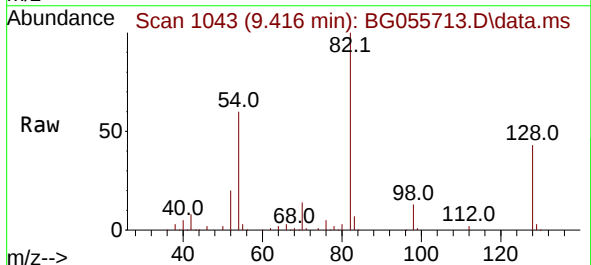
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-01

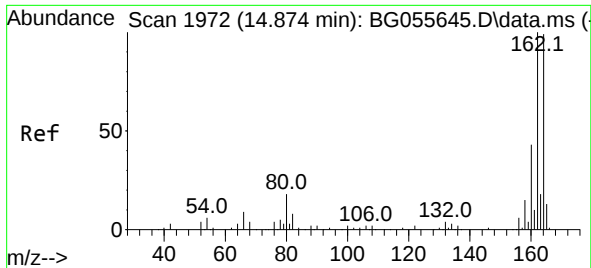
Tgt Ion:	136	Resp:	145779
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	9.9	7.8	11.6
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 71.884 ng
RT: 9.416 min Scan# 1043
Delta R.T. -0.012 min
Lab File: BG055713.D
Acq: 21 Nov 2022 13:22

Tgt Ion:	82	Resp:	198263
Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.1	51.1
54	59.6	47.3	70.9

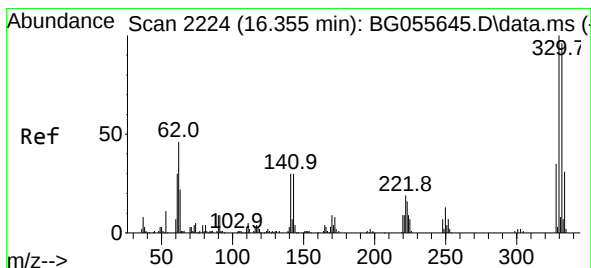
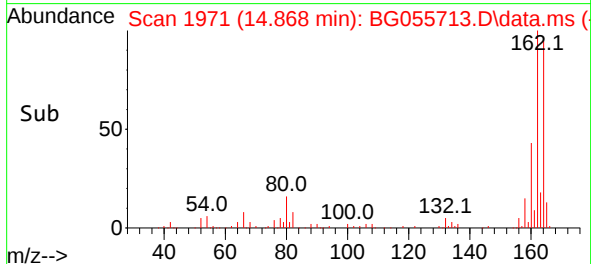
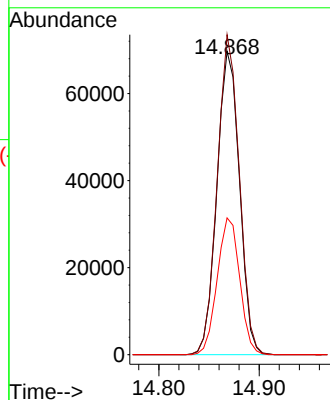
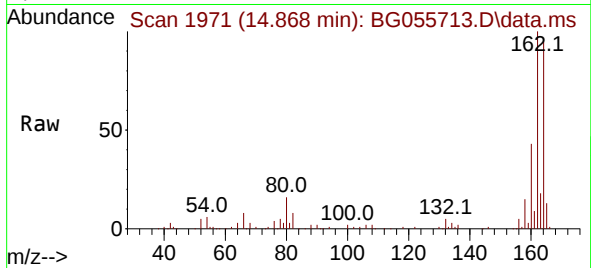




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.868 min Scan# 1971
 Delta R.T. -0.006 min
 Lab File: BG055713.D
 Acq: 21 Nov 2022 13:22

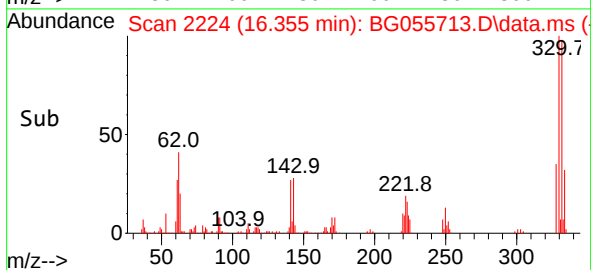
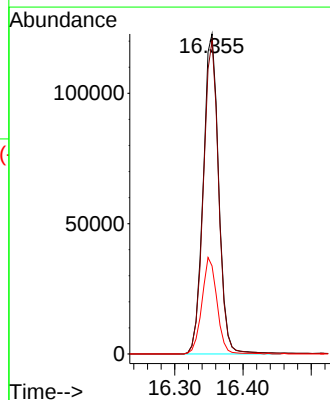
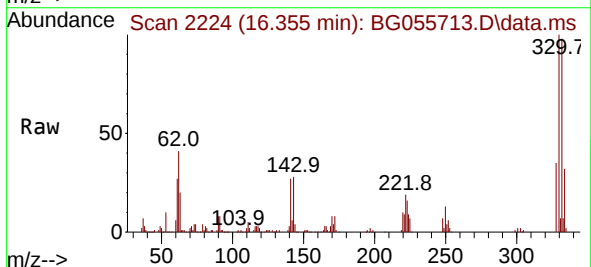
Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-01

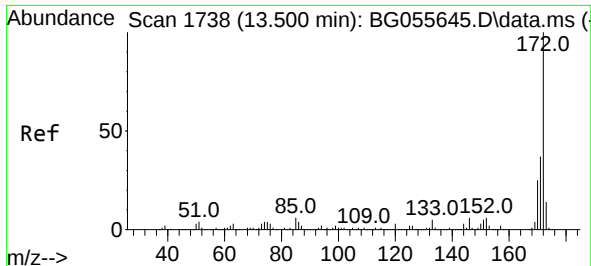
Tgt Ion:164 Resp: 108560
 Ion Ratio Lower Upper
 164 100
 162 105.5 81.1 121.7
 160 45.1 34.8 52.2



#42
 2,4,6-Tribromophenol
 Concen: 126.756 ng
 RT: 16.355 min Scan# 2224
 Delta R.T. -0.000 min
 Lab File: BG055713.D
 Acq: 21 Nov 2022 13:22

Tgt Ion:330 Resp: 193767
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.8 116.8
 141 29.3 23.9 35.9

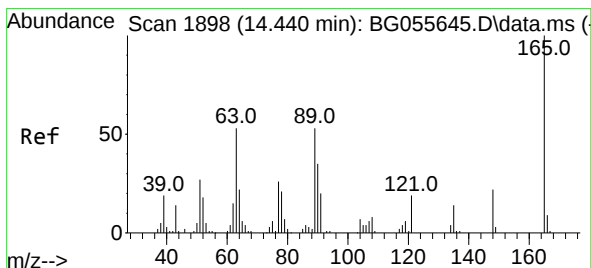
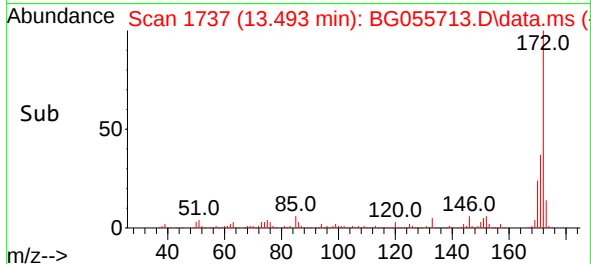
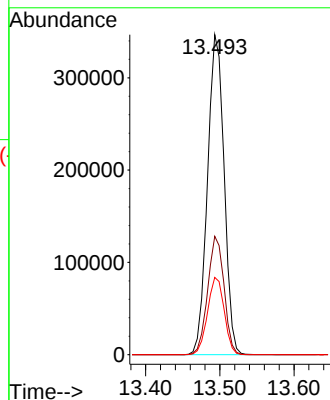
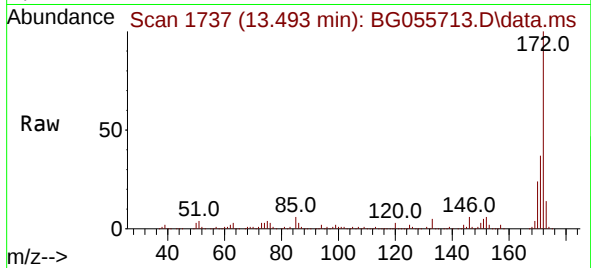




#45
2-Fluorobiphenyl
Concen: 74.364 ng
RT: 13.493 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055713.D
Acq: 21 Nov 2022 13:22

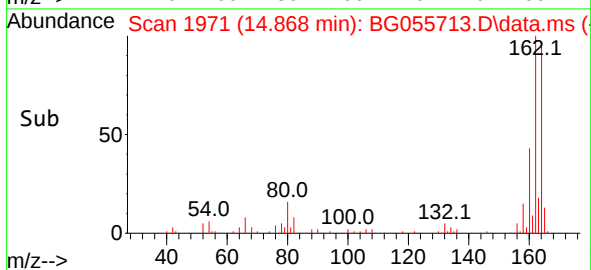
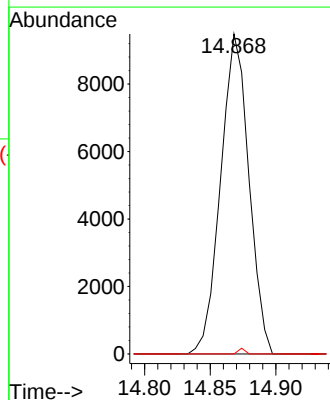
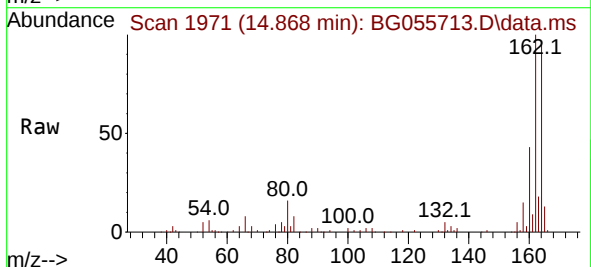
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-01

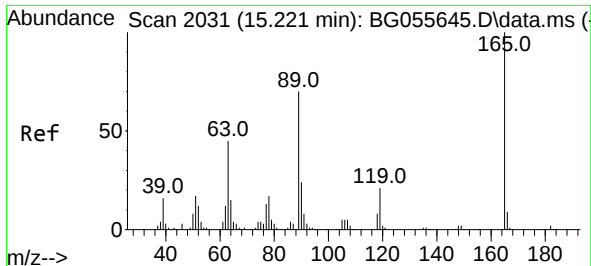
Tgt Ion:172 Resp: 538872
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.1 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.010 ng
RT: 14.868 min Scan# 1971
Delta R.T. 0.428 min
Lab File: BG055713.D
Acq: 21 Nov 2022 13:22

Tgt Ion:165 Resp: 14173
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.681 ng

RT: 14.868 min Scan# 1971

Delta R.T. -0.353 min

Lab File: BG055713.D

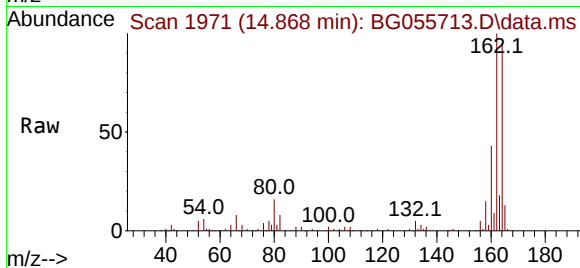
Acq: 21 Nov 2022 13:22

Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-01



Tgt Ion:165 Resp: 14173

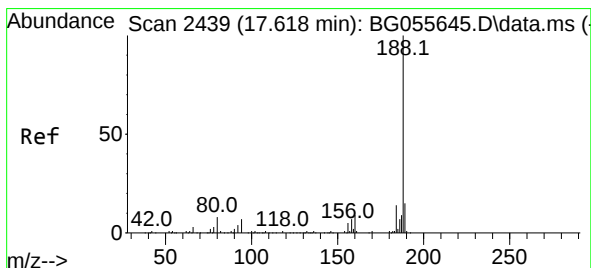
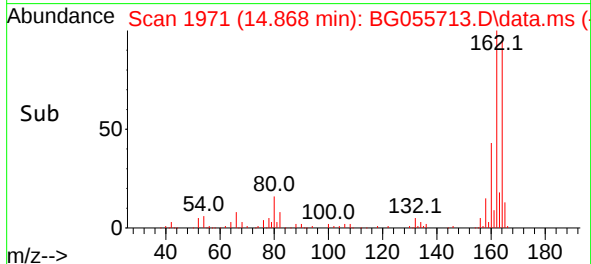
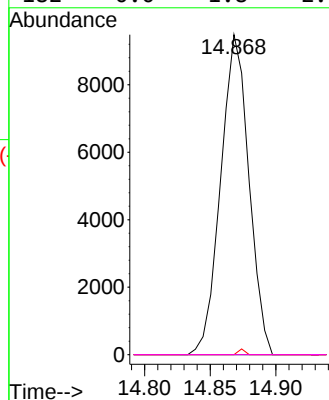
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.612 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BG055713.D

Acq: 21 Nov 2022 13:22

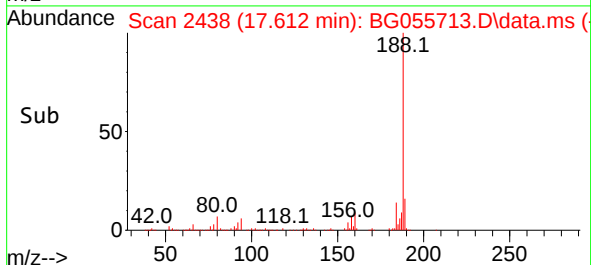
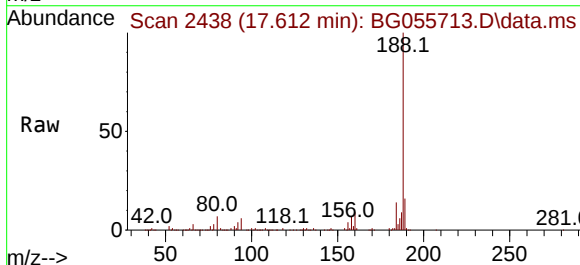
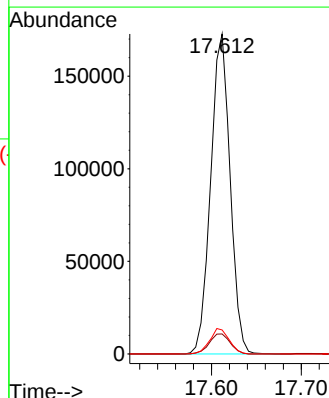
Tgt Ion:188 Resp: 259479

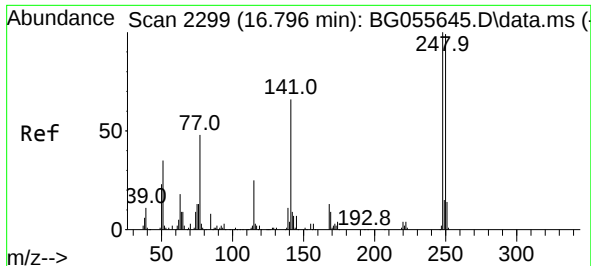
Ion Ratio Lower Upper

188 100

94 6.2 5.4 8.2

80 7.5 6.6 10.0

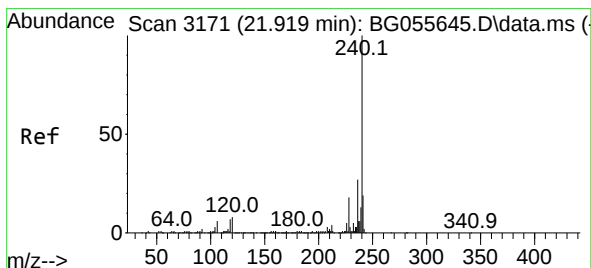
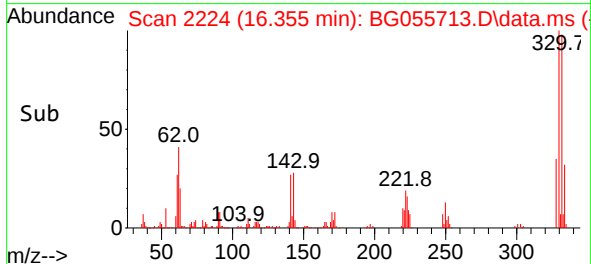
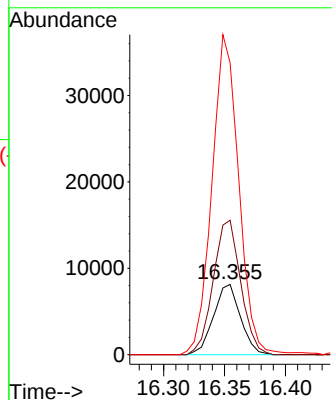
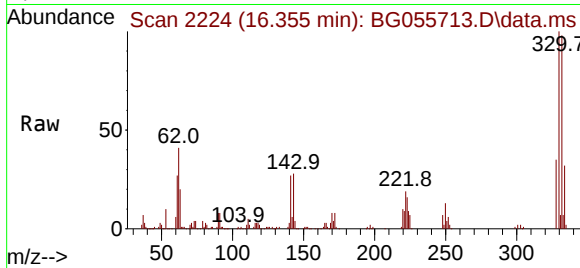




#67
4-Bromophenyl-phenylether
Concen: 4.228 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG055713.D
Acq: 21 Nov 2022 13:22

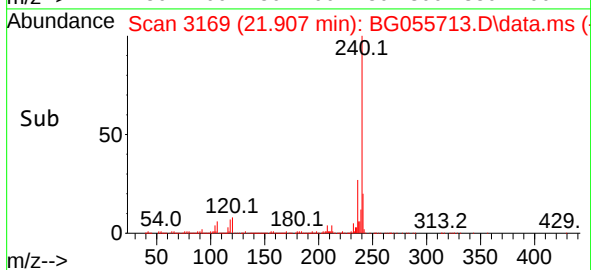
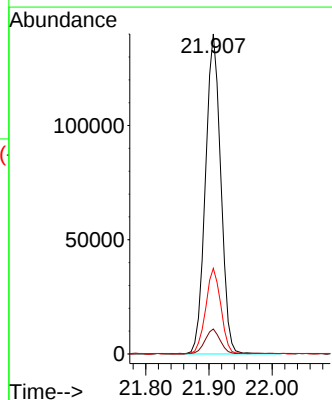
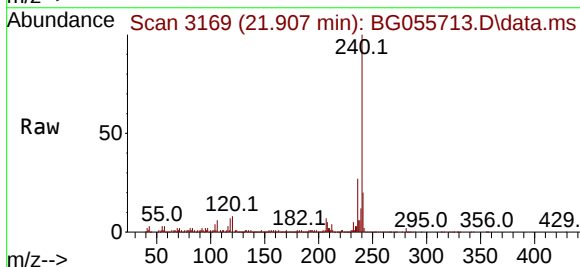
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-01

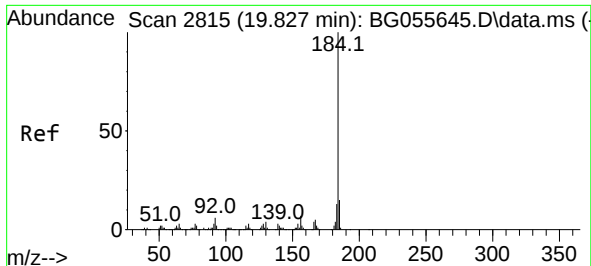
Tgt Ion:248 Resp: 12501
Ion Ratio Lower Upper
248 100
250 191.2 79.0 118.4#
141 414.8 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.907 min Scan# 3169
Delta R.T. -0.012 min
Lab File: BG055713.D
Acq: 21 Nov 2022 13:22

Tgt Ion:240 Resp: 235721
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.8 21.9 32.9

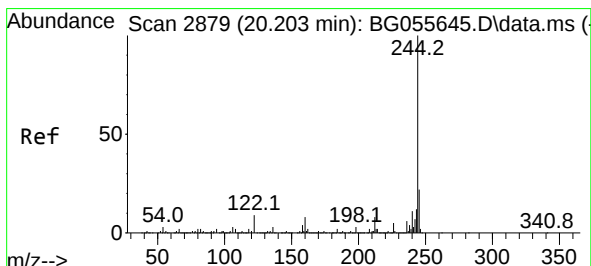
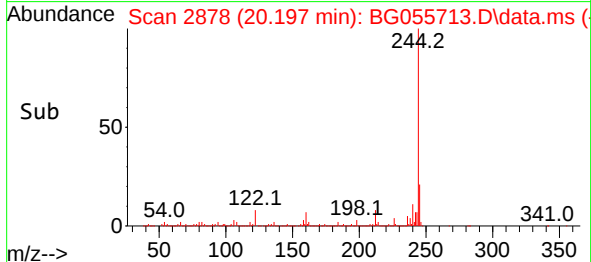
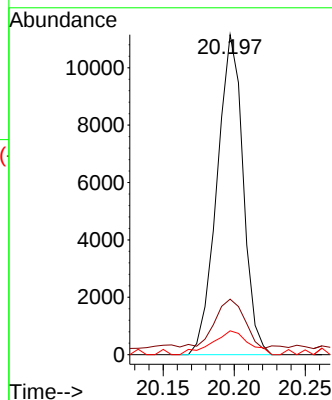
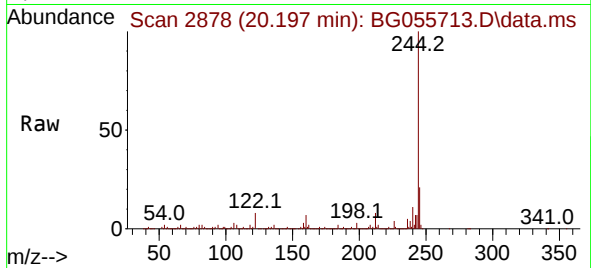




#77
Benzidine
Concen: 2.616 ng
RT: 20.197 min Scan# 2815
Delta R.T. 0.370 min
Lab File: BG055713.D
Acq: 21 Nov 2022 13:22

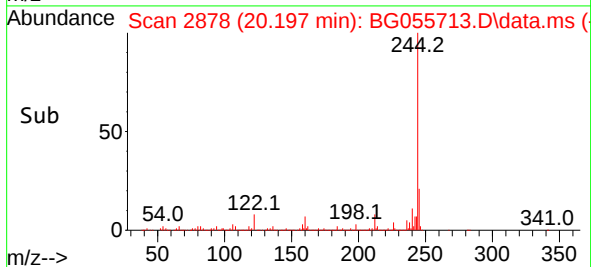
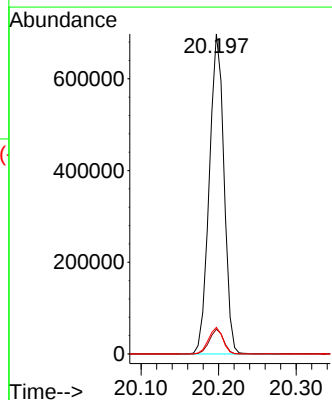
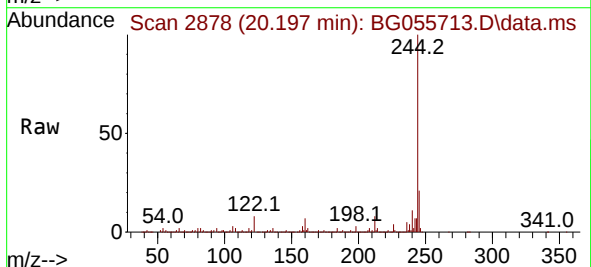
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-01

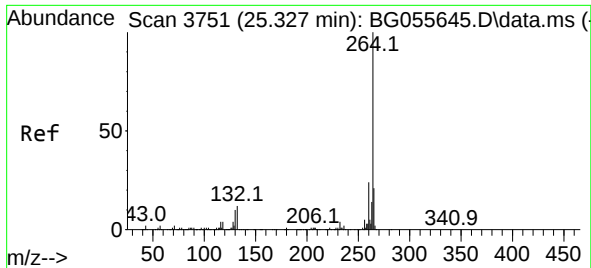
Tgt Ion:184 Resp: 14265
Ion Ratio Lower Upper
184 100
185 17.3 11.8 17.8
183 7.5 10.6 15.8#



#79
Terphenyl-d14
Concen: 77.857 ng
RT: 20.197 min Scan# 2878
Delta R.T. -0.006 min
Lab File: BG055713.D
Acq: 21 Nov 2022 13:22

Tgt Ion:244 Resp: 917566
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 8.3 6.9 10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.320 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG055713.D
Acq: 21 Nov 2022 13:22

Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-01

Tgt Ion:264 Resp: 248111

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.0	17.1	25.7

