

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055723.D
 Acq On : 21 Nov 2022 20:27
 Operator : CG/JU
 Sample : N5678-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-09

Quant Time: Nov 22 02:07:52 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)

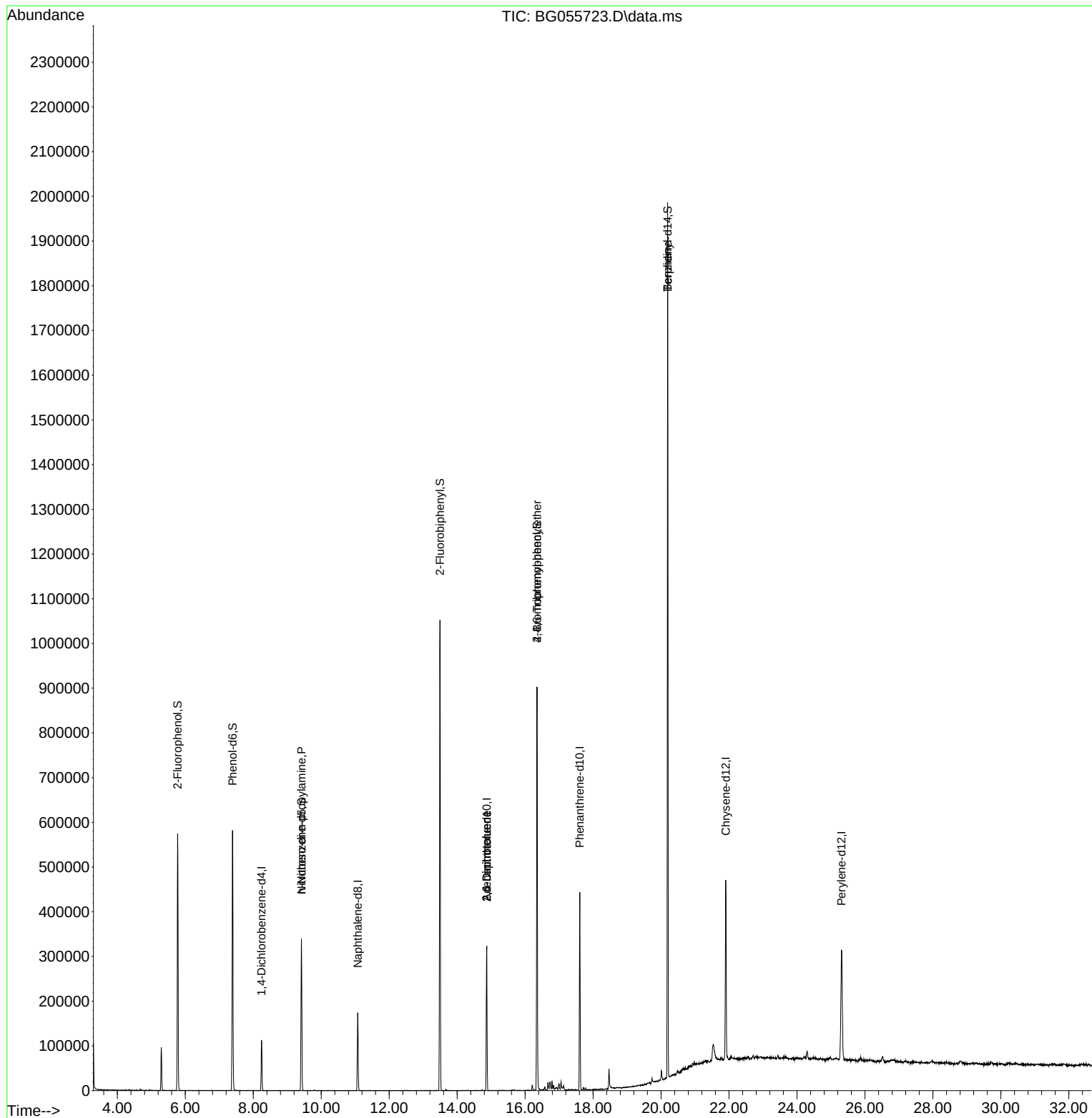
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.242	152	33186	20.000	ng	-0.01
21) Naphthalene-d8	11.074	136	149121	20.000	ng	-0.01
39) Acenaphthene-d10	14.870	164	118923	20.000	ng	0.00
64) Phenanthrene-d10	17.608	188	282540	20.000	ng	-0.01
76) Chrysene-d12	21.903	240	259255	20.000	ng	-0.02
86) Perylene-d12	25.311	264	271544	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.775	112	243970	132.881	ng	0.00
7) Phenol-d6	7.390	99	326126	133.439	ng	0.00
23) Nitrobenzene-d5	9.418	82	197850	70.126	ng	-0.01
42) 2,4,6-Tribromophenol	16.351	330	192810	115.139	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	558288	70.330	ng	0.00
79) Terphenyl-d14	20.193	244	1002001	77.303	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.418	70	27159	14.463	ng	# 78
51) 2,6-Dinitrotoluene	14.870	165	15361	7.925	ng	# 24
57) 2,4-Dinitrotoluene	14.870	165	15361	5.621	ng	# 22
67) 4-Bromophenyl-phenylether	16.351	248	12456	3.869	ng	# 1
77) Benzidine	20.193	184	15399	2.567	ng	# 91

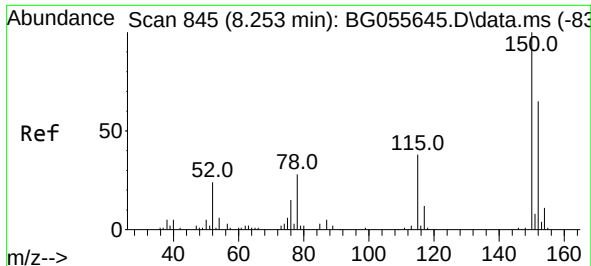
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
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250FB-BP-BACKFILL-09

Quant Time: Nov 22 02:07:52 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

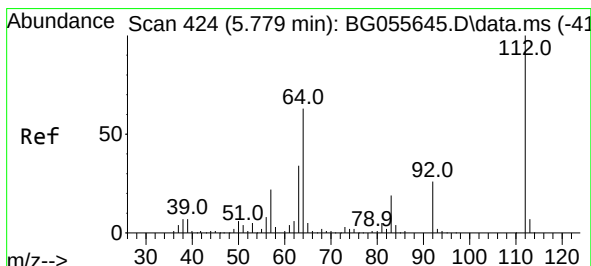
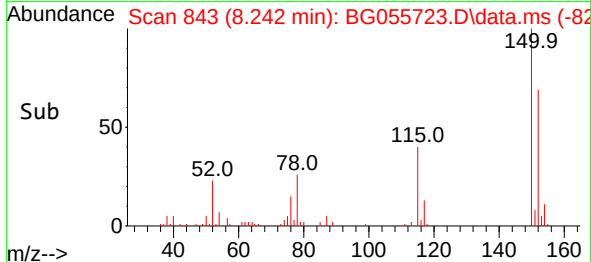
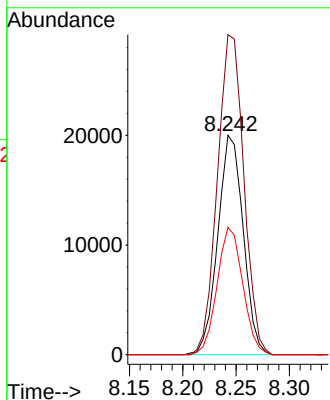
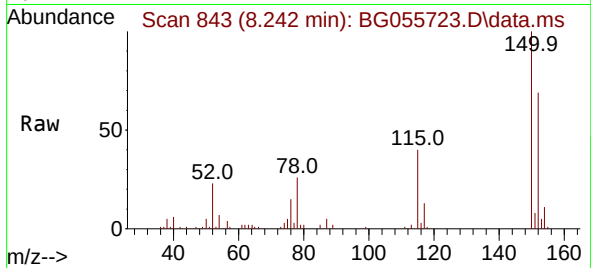




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.242 min Scan# 84
Delta R.T. -0.011 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

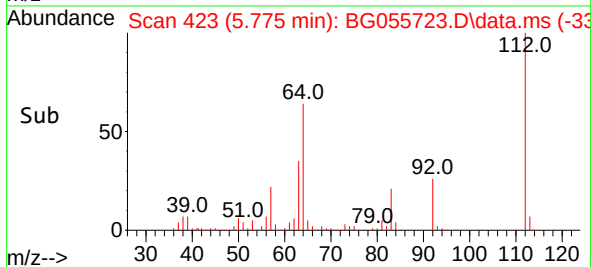
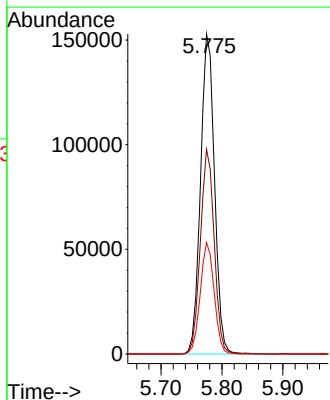
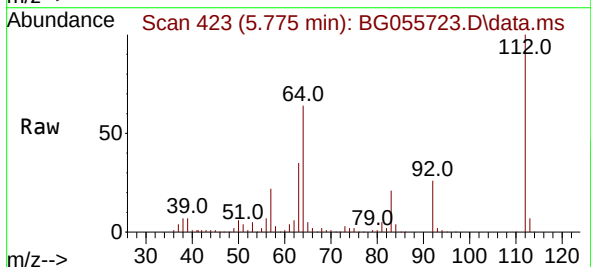
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-09

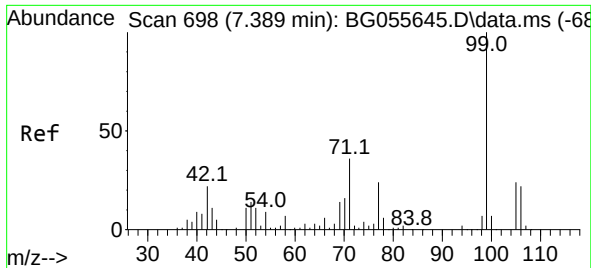
Tgt Ion:152 Resp: 33186
Ion Ratio Lower Upper
152 100
150 145.9 123.0 184.6
115 58.1 47.0 70.4



#5
2-Fluorophenol
Concen: 132.881 ng
RT: 5.775 min Scan# 423
Delta R.T. -0.004 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

Tgt Ion:112 Resp: 243970
Ion Ratio Lower Upper
112 100
64 64.0 50.6 76.0
63 34.9 27.5 41.3

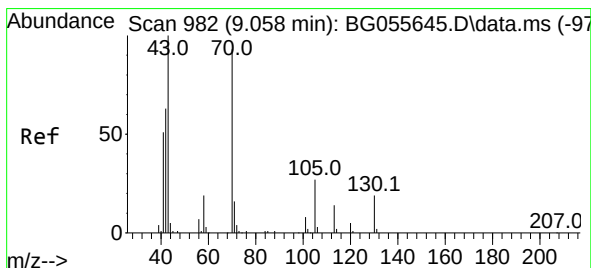
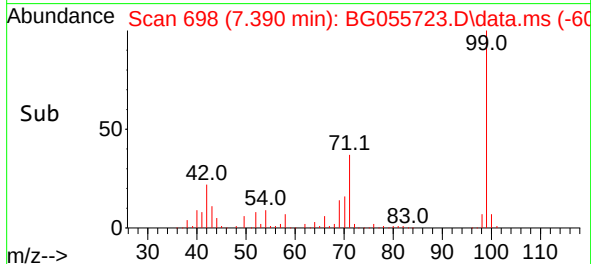
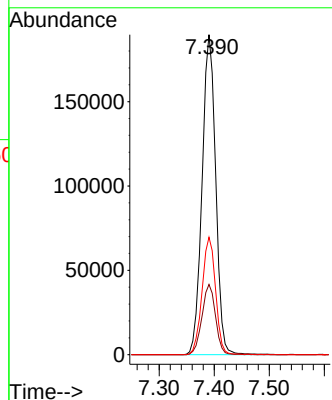
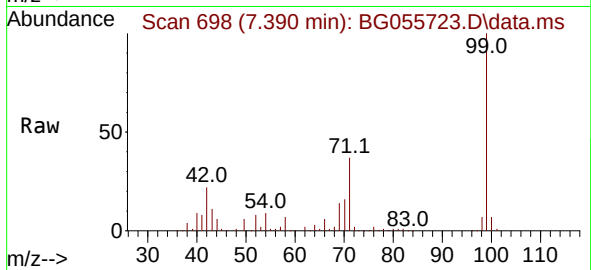




#7
Phenol-d6
Concen: 133.439 ng
RT: 7.390 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

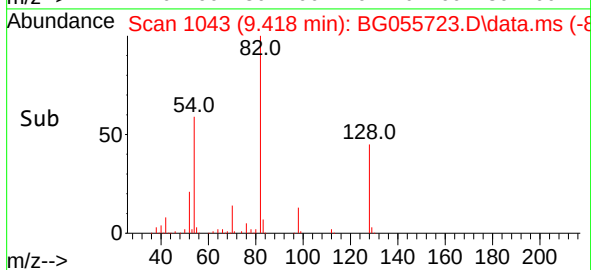
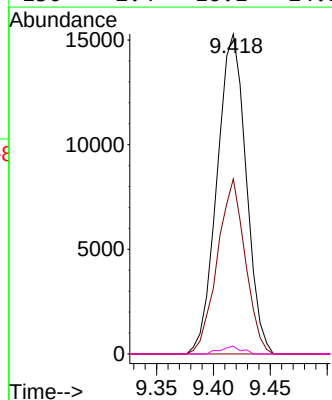
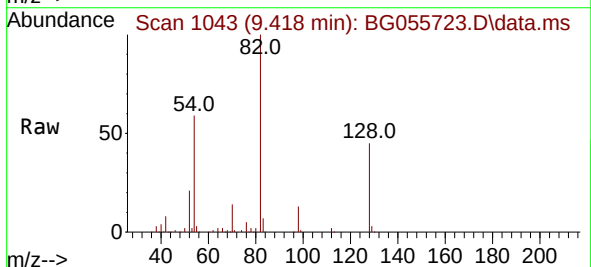
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-09

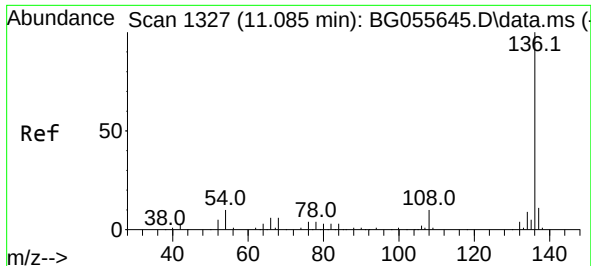
Tgt Ion: 99 Resp: 326126
Ion Ratio Lower Upper
99 100
42 22.0 18.0 27.0
71 36.7 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.463 ng
RT: 9.418 min Scan# 1043
Delta R.T. 0.360 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

Tgt Ion: 70 Resp: 27159
Ion Ratio Lower Upper
70 100
42 54.7 55.2 82.8#
101 0.0 7.1 10.7#
130 2.4 16.1 24.1#

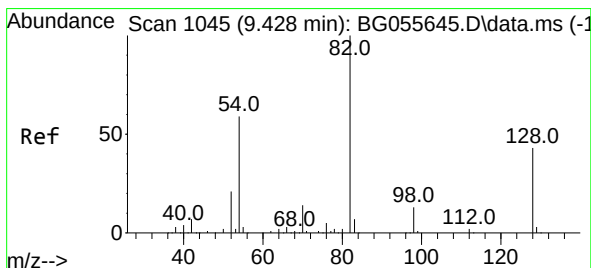
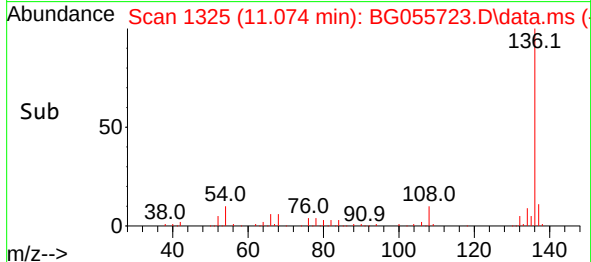
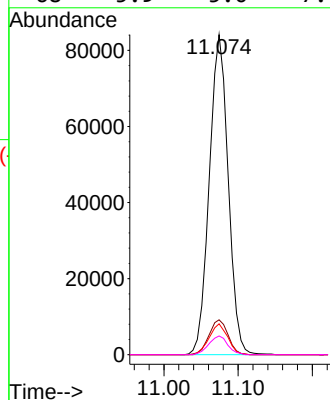
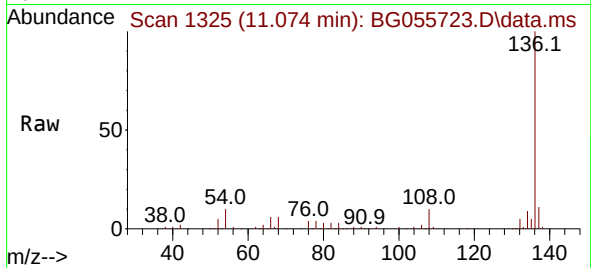




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.074 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

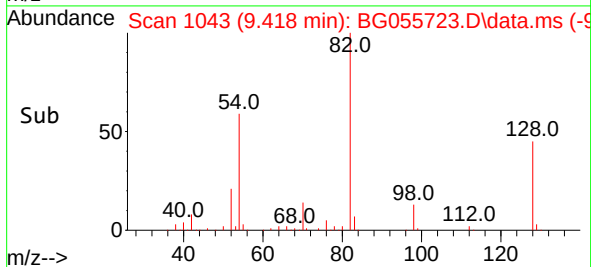
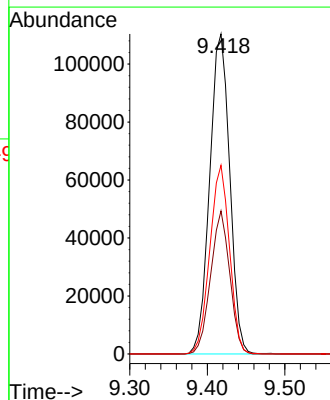
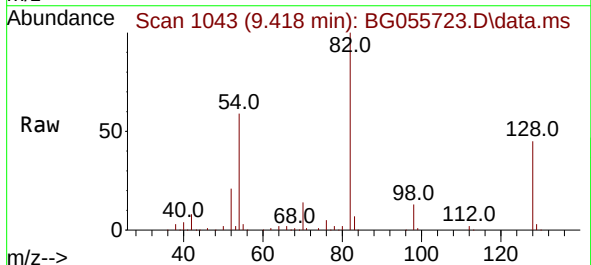
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-09

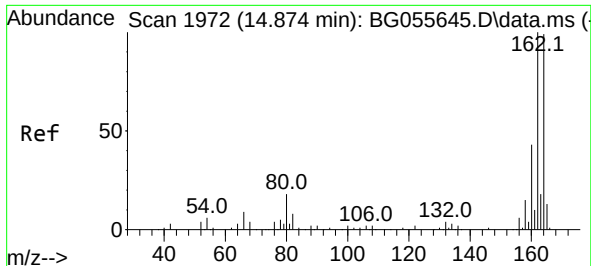
Tgt Ion:	136	Resp:	149121
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.6
54	9.6	7.8	11.6
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 70.126 ng
RT: 9.418 min Scan# 1043
Delta R.T. -0.010 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

Tgt Ion:	82	Resp:	197850
Ion Ratio	Lower	Upper	
82	100		
128	44.7	34.1	51.1
54	59.0	47.3	70.9

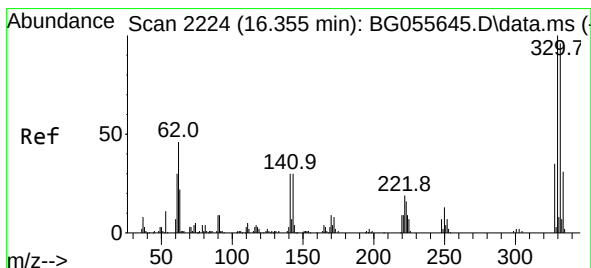
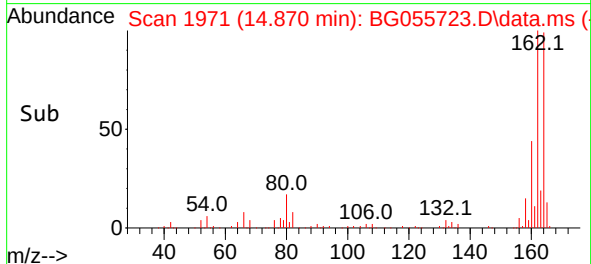
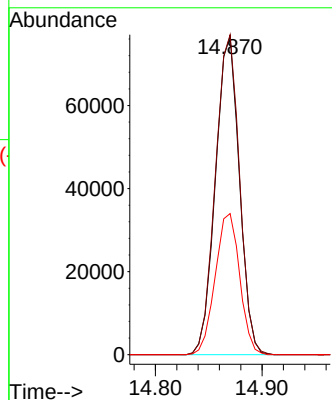
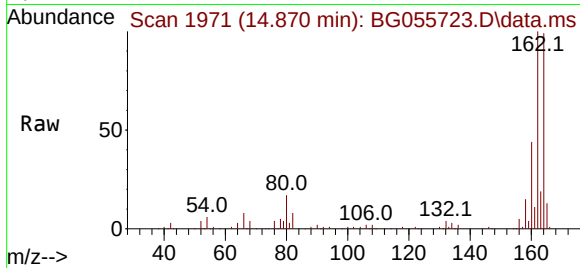




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.870 min Scan# 1972
Delta R.T. -0.004 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

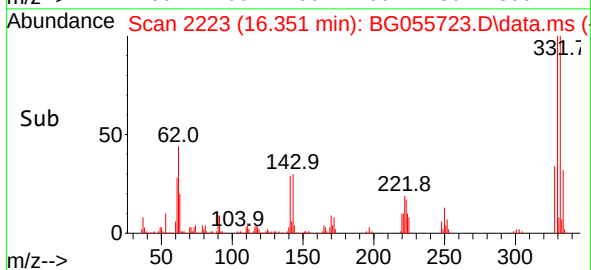
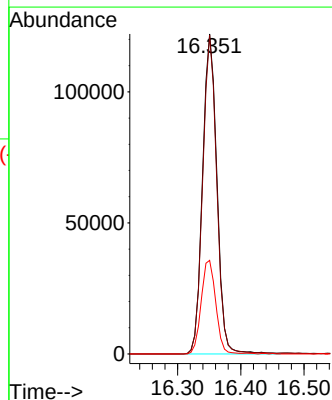
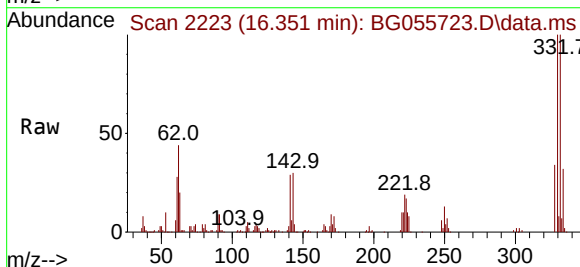
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-09

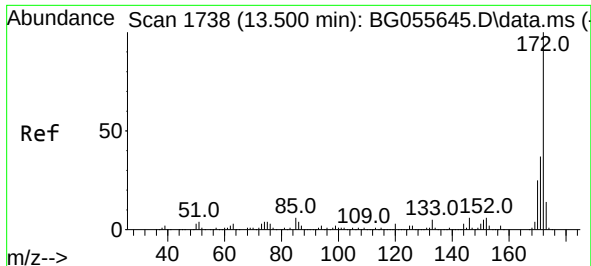
Tgt Ion:164 Resp: 118923
Ion Ratio Lower Upper
164 100
162 100.5 81.1 121.7
160 44.3 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 115.139 ng
RT: 16.351 min Scan# 2223
Delta R.T. -0.004 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

Tgt Ion:330 Resp: 192810
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 29.7 23.9 35.9

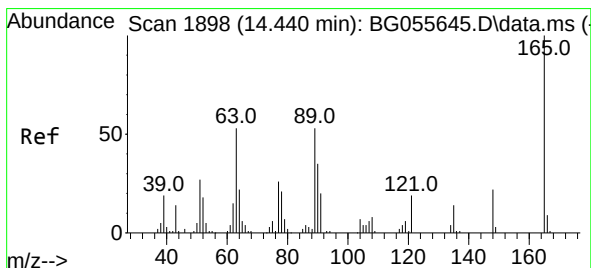
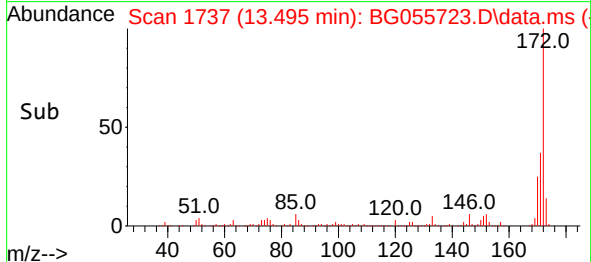
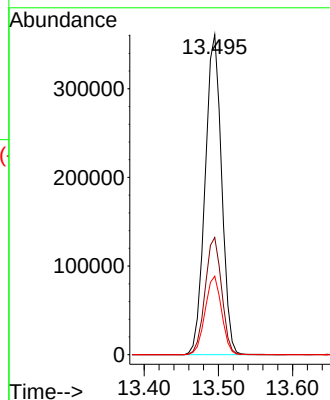
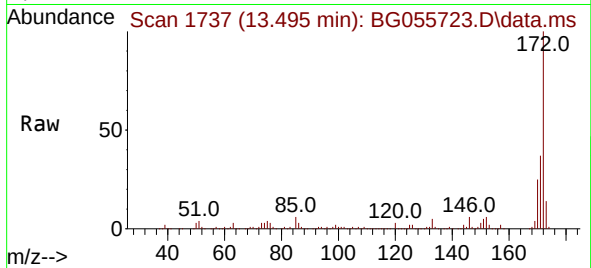




#45
2-Fluorobiphenyl
Concen: 70.330 ng
RT: 13.495 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

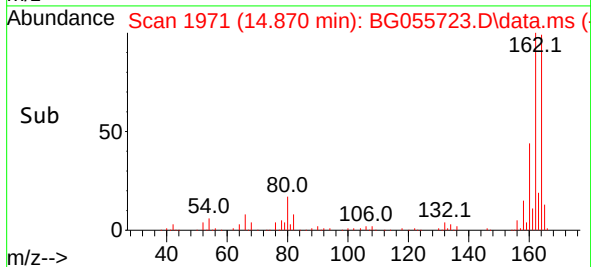
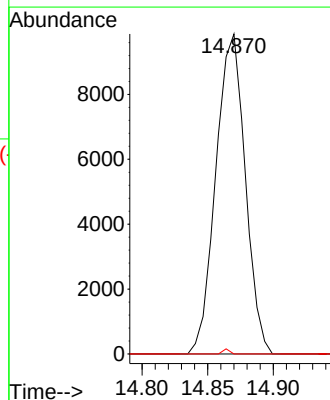
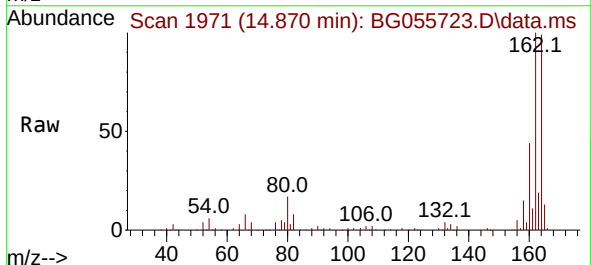
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-09

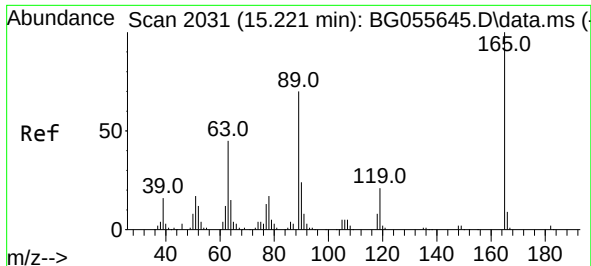
Tgt Ion:172 Resp: 558288
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 24.5 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.925 ng
RT: 14.870 min Scan# 1971
Delta R.T. 0.430 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

Tgt Ion:165 Resp: 15361
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: 5.621 ng

RT: 14.870 min Scan# 14

Delta R.T. -0.351 min

Lab File: BG055723.D

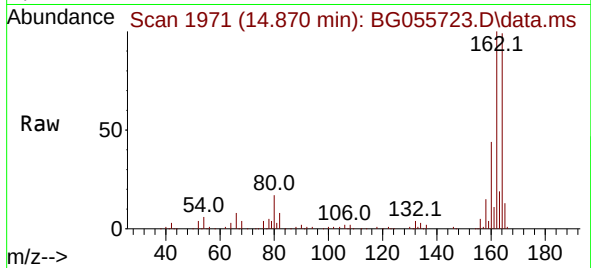
Acq: 21 Nov 2022 20:27

Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-09



Tgt Ion:165 Resp: 15361

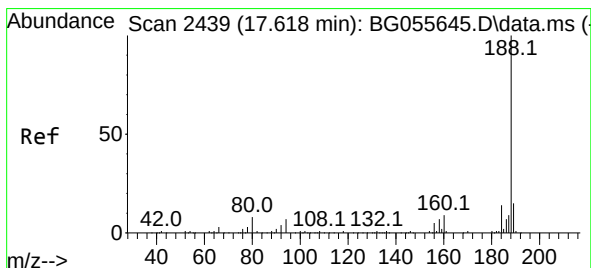
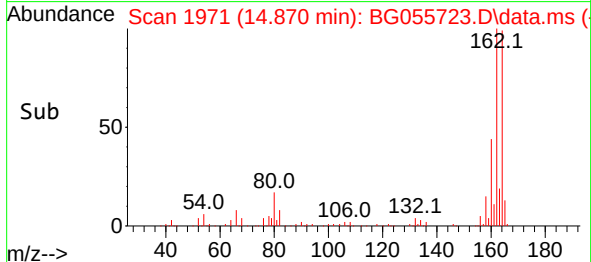
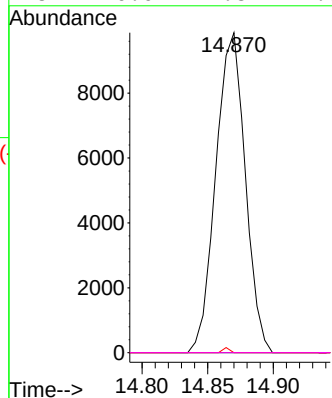
Ion Ratio Lower Upper

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: 17.608 min Scan# 2437

Delta R.T. -0.010 min

Lab File: BG055723.D

Acq: 21 Nov 2022 20:27

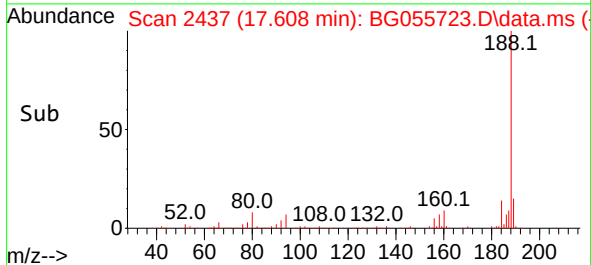
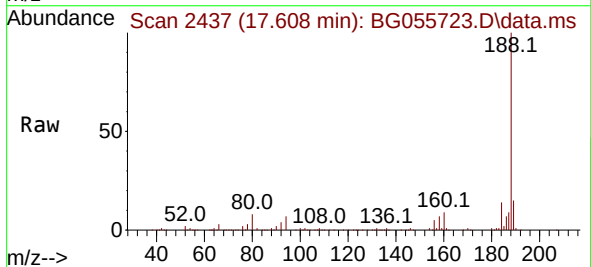
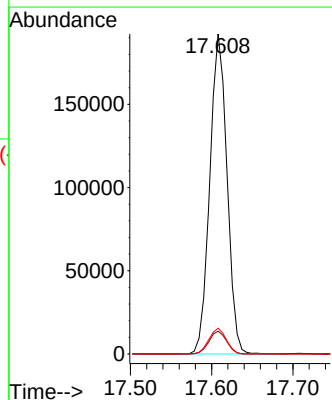
Tgt Ion:188 Resp: 282540

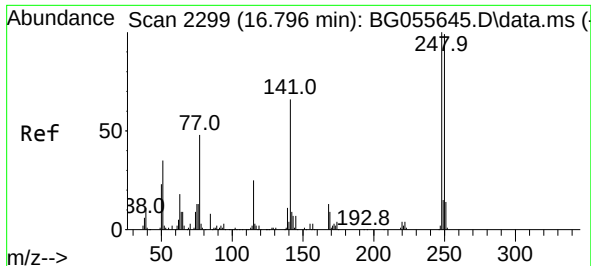
Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.2

80 8.0 6.6 10.0

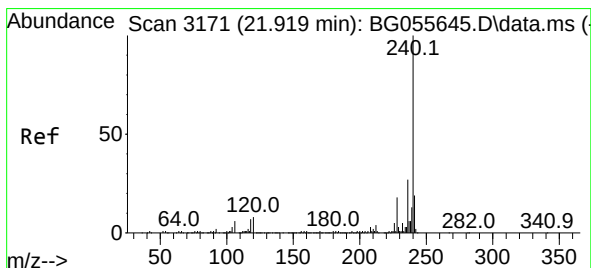
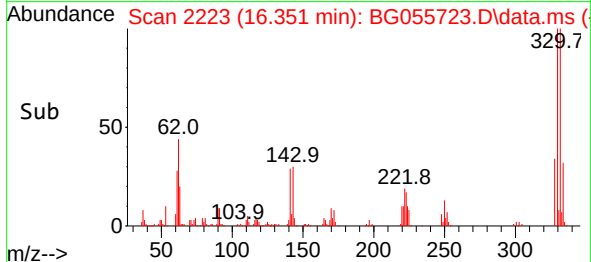
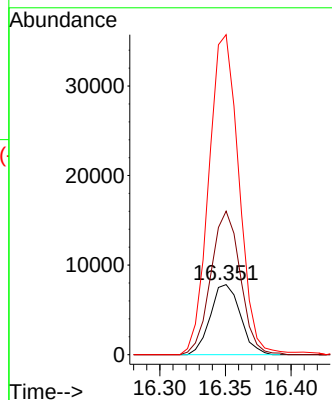
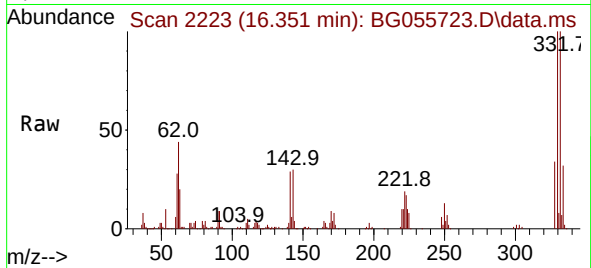




#67
4-Bromophenyl-phenylether
Concen: 3.869 ng
RT: 16.351 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

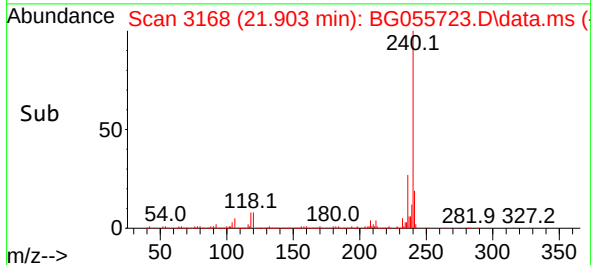
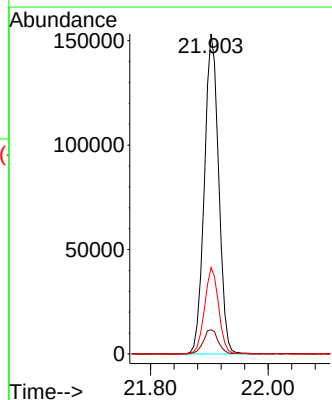
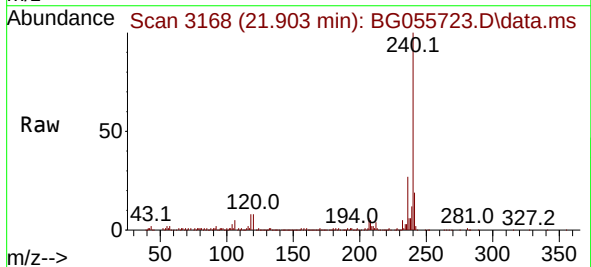
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-09

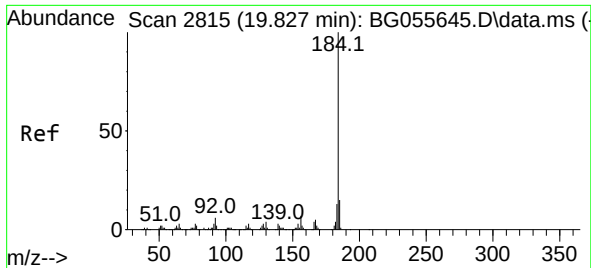
Tgt Ion:248 Resp: 12456
Ion Ratio Lower Upper
248 100
250 205.0 79.0 118.4#
141 456.9 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.903 min Scan# 3168
Delta R.T. -0.016 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

Tgt Ion:240 Resp: 259255
Ion Ratio Lower Upper
240 100
120 7.6 6.3 9.5
236 27.0 21.9 32.9

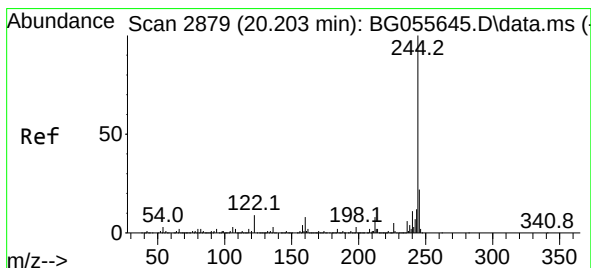
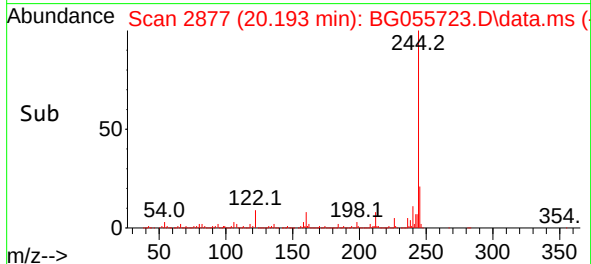
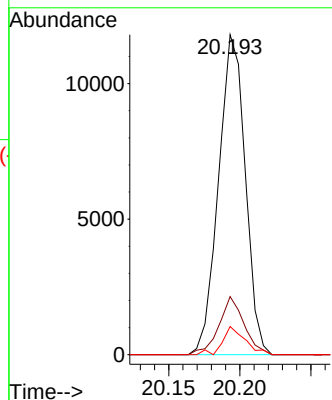
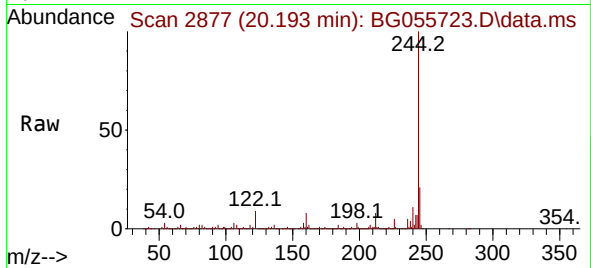




#77
Benzidine
Concen: 2.567 ng
RT: 20.193 min Scan# 2877
Delta R.T. 0.366 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

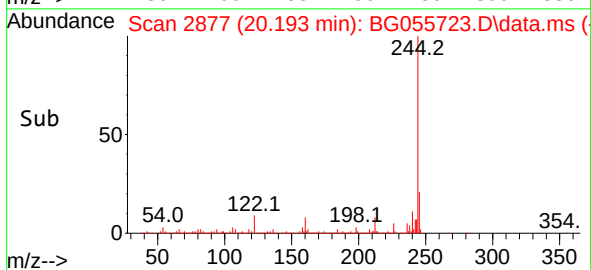
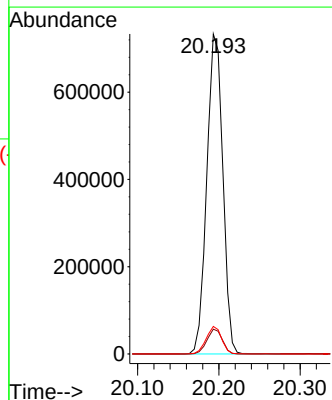
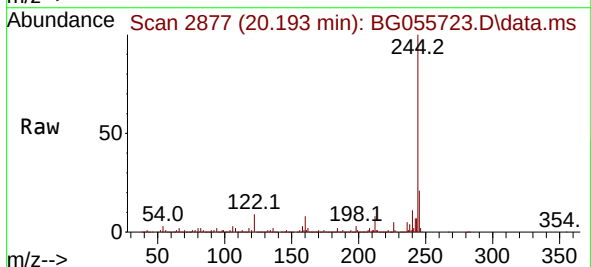
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-09

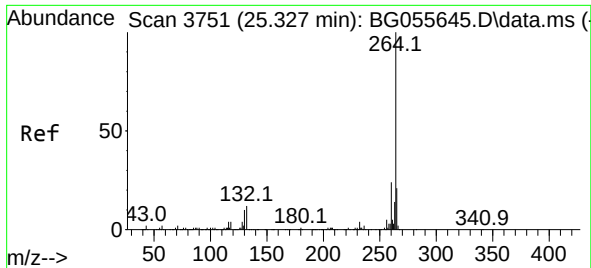
Tgt Ion:184 Resp: 15399
Ion Ratio Lower Upper
184 100
185 18.1 11.8 17.8#
183 8.8 10.6 15.8#



#79
Terphenyl-d14
Concen: 77.303 ng
RT: 20.193 min Scan# 2877
Delta R.T. -0.010 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

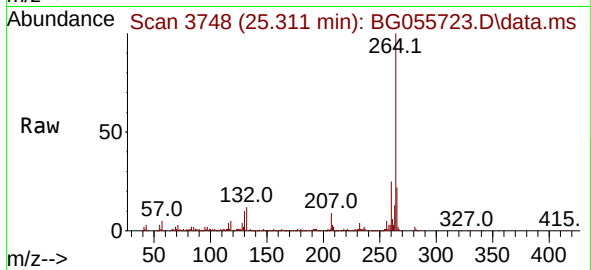
Tgt Ion:244 Resp: 1002001
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 8.6 6.9 10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.311 min Scan# 31
Delta R.T. -0.016 min
Lab File: BG055723.D
Acq: 21 Nov 2022 20:27

Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-09



Tgt Ion:	264	Resp:	271544
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.7	17.1	25.7

