

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055722.D
 Acq On : 21 Nov 2022 19:45
 Operator : CG/JU
 Sample : N5678-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 250FB-BP-BACKFILL-06

Quant Time: Nov 22 02:07:30 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)

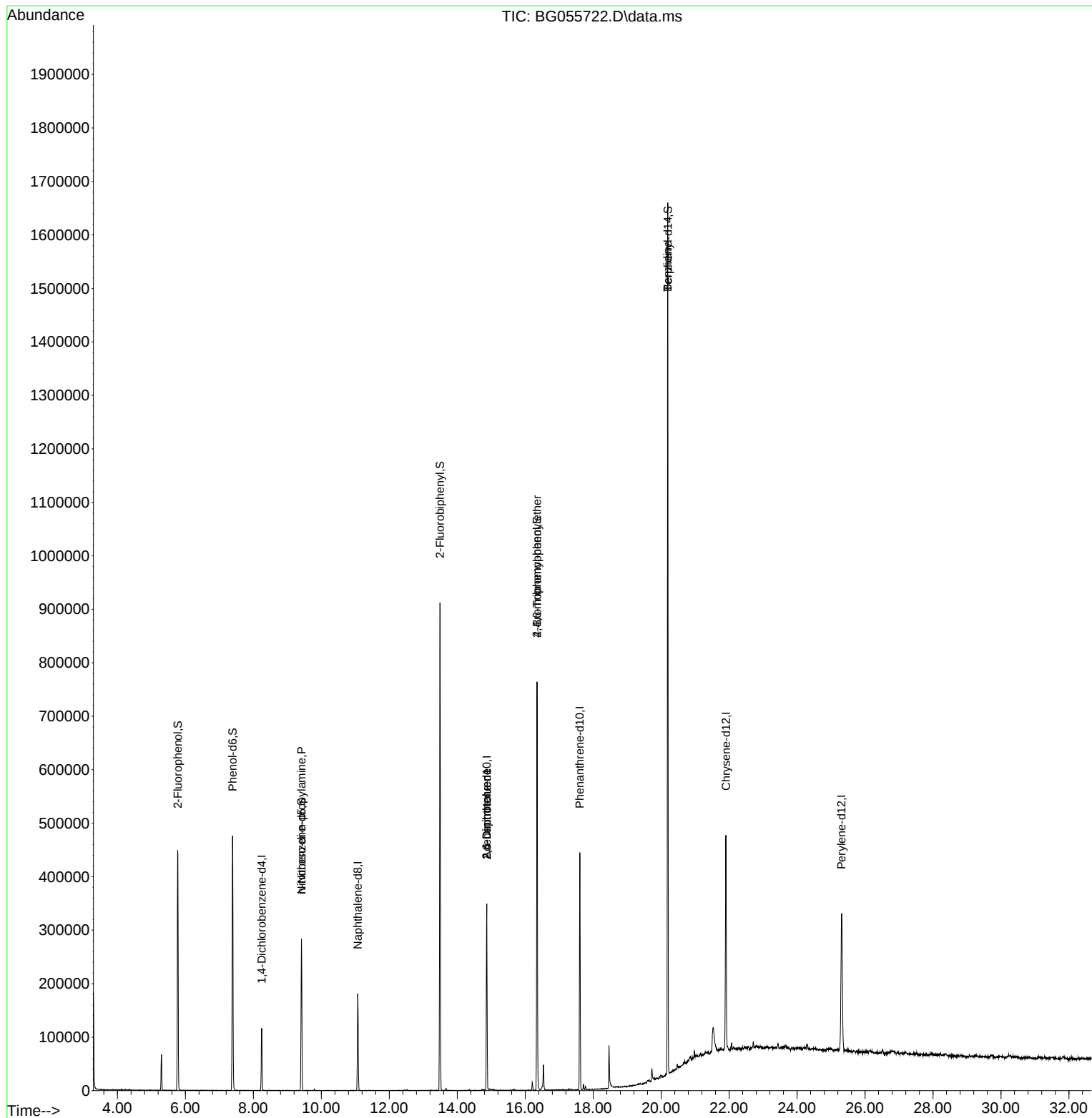
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	33999	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	155569	20.000	ng	-0.01
39) Acenaphthene-d10	14.868	164	124117	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	292645	20.000	ng	-0.01
76) Chrysene-d12	21.907	240	267454	20.000	ng	-0.01
86) Perylene-d12	25.309	264	285342	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.779	112	195030	103.685	ng	0.00
7) Phenol-d6	7.389	99	270143	107.890	ng	0.00
23) Nitrobenzene-d5	9.416	82	168162	57.133	ng	-0.01
42) 2,4,6-Tribromophenol	16.349	330	161362	92.327	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	478221	57.723	ng	0.00
79) Terphenyl-d14	20.198	244	827632	61.894	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.416	70	22728	11.814	ng	# 79
51) 2,6-Dinitrotoluene	14.868	165	16058	7.938	ng	# 28
57) 2,4-Dinitrotoluene	14.868	165	16058	5.630	ng	# 26
67) 4-Bromophenyl-phenylether	16.349	248	10661	3.197	ng	# 1
77) Benzidine	20.192	184	12458	2.013	ng	# 92

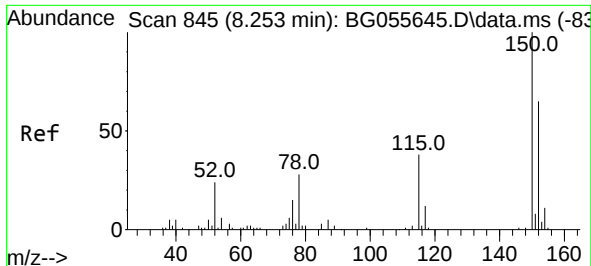
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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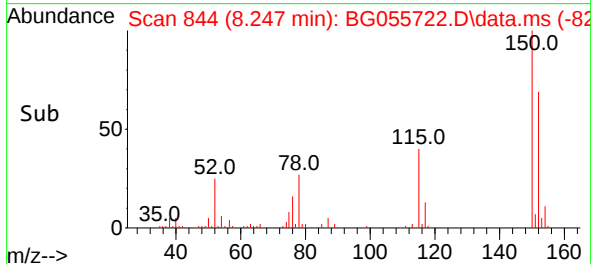
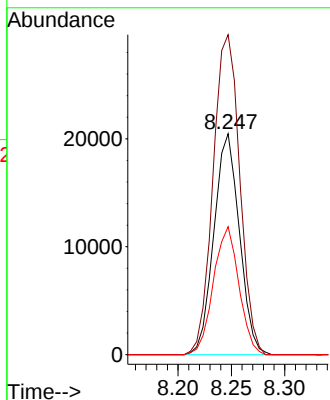
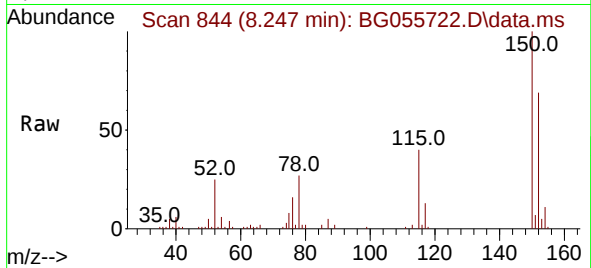




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.247 min Scan# 845
Delta R.T. -0.006 min
Lab File: BG055722.D
Acq: 21 Nov 2022 19:45

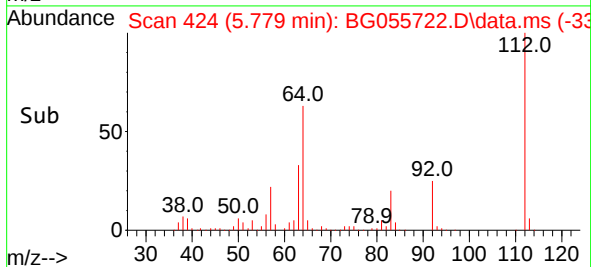
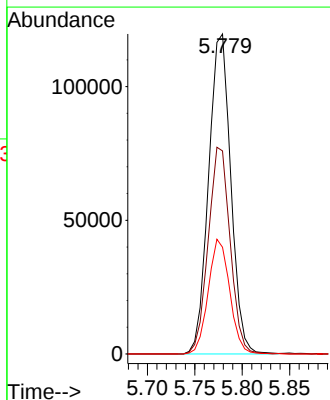
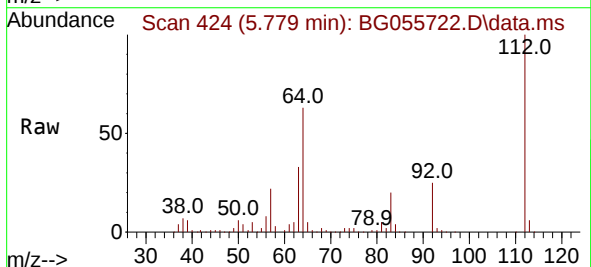
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-06

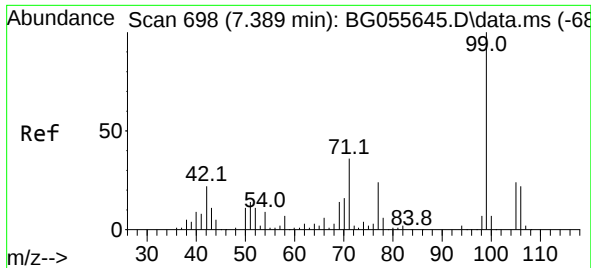
Tgt Ion:152 Resp: 33999
Ion Ratio Lower Upper
152 100
150 144.8 123.0 184.6
115 57.9 47.0 70.4



#5
2-Fluorophenol
Concen: 103.685 ng
RT: 5.779 min Scan# 424
Delta R.T. -0.000 min
Lab File: BG055722.D
Acq: 21 Nov 2022 19:45

Tgt Ion:112 Resp: 195030
Ion Ratio Lower Upper
112 100
64 63.4 50.6 76.0
63 33.3 27.5 41.3

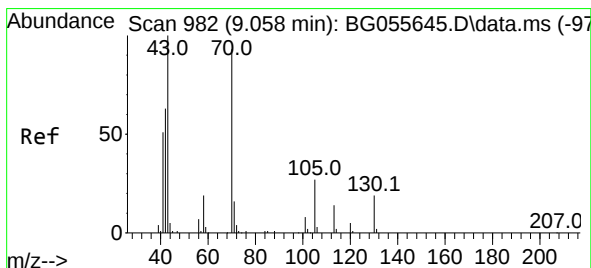
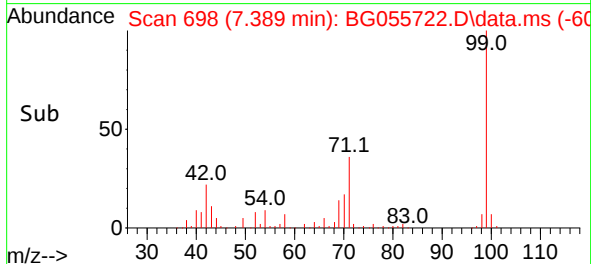
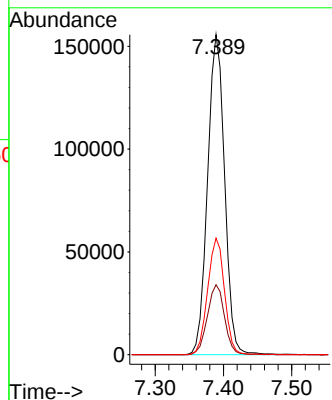
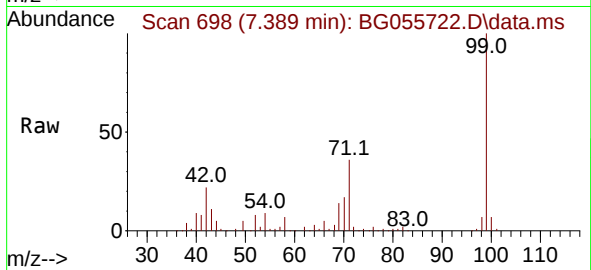




#7
Phenol-d6
Concen: 107.890 ng
RT: 7.389 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG055722.D
Acq: 21 Nov 2022 19:45

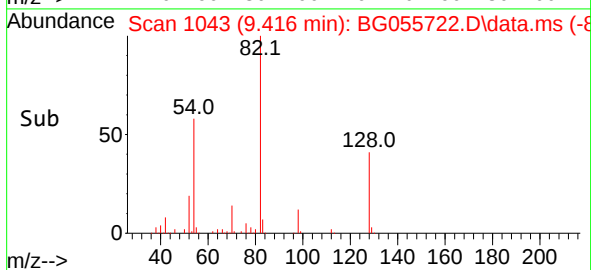
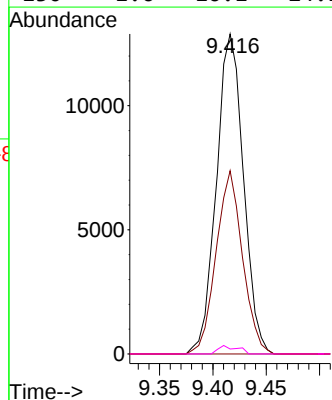
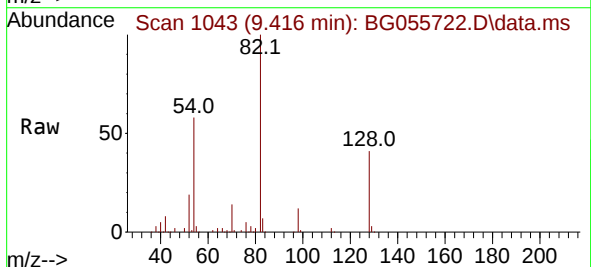
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-06

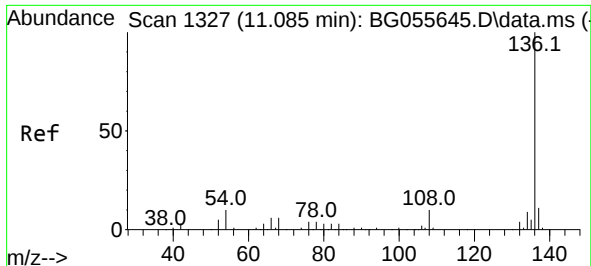
Tgt Ion: 99 Resp: 270143
Ion Ratio Lower Upper
99 100
42 21.9 18.0 27.0
71 36.4 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.814 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.358 min
Lab File: BG055722.D
Acq: 21 Nov 2022 19:45

Tgt Ion: 70 Resp: 22728
Ion Ratio Lower Upper
70 100
42 57.3 55.2 82.8
101 0.0 7.1 10.7#
130 1.6 16.1 24.1#

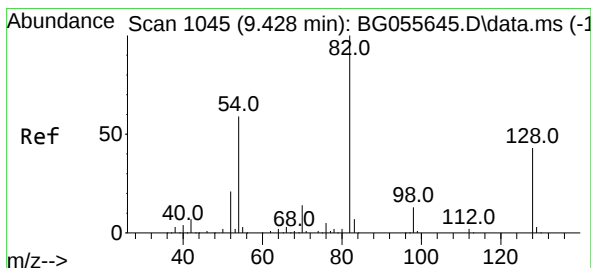
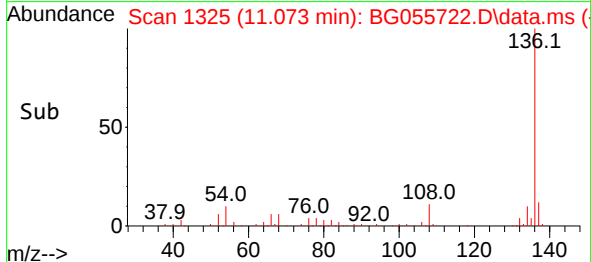
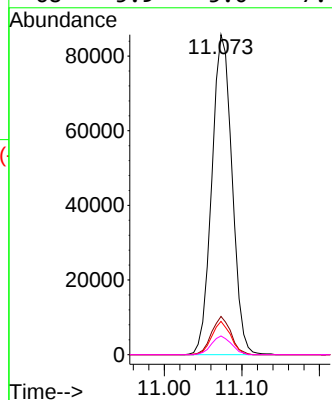
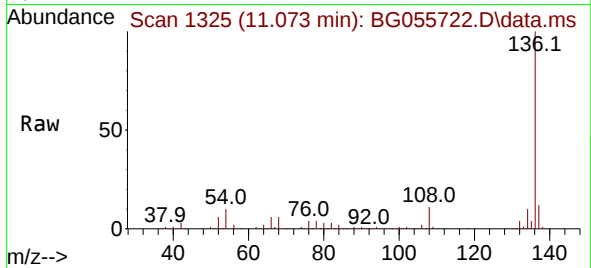




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG055722.D
Acq: 21 Nov 2022 19:45

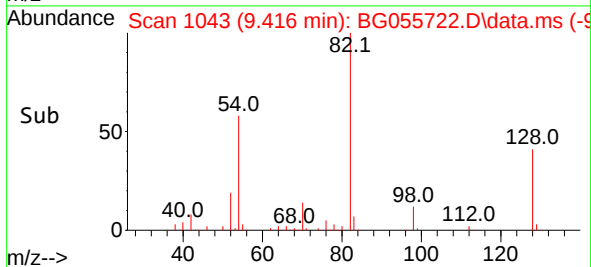
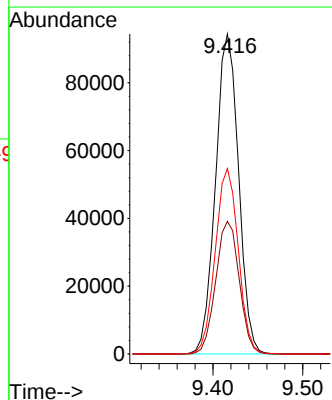
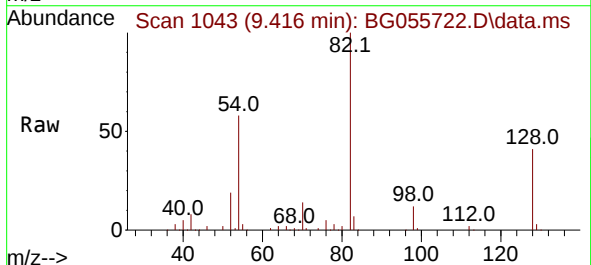
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-06

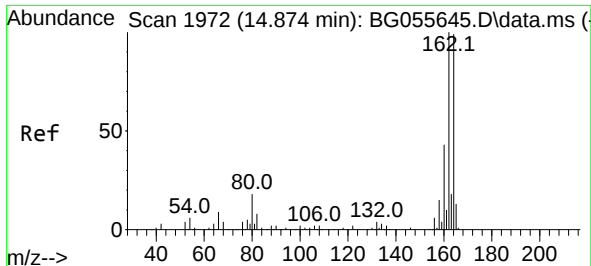
Tgt Ion:	136	Resp:	155569
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.0	13.6
54	10.4	7.8	11.6
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 57.133 ng
RT: 9.416 min Scan# 1043
Delta R.T. -0.012 min
Lab File: BG055722.D
Acq: 21 Nov 2022 19:45

Tgt Ion:	82	Resp:	168162
Ion Ratio	Lower	Upper	
82	100		
128	41.5	34.1	51.1
54	58.0	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: BG055722.D

Acq: 21 Nov 2022 19:45

Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-06

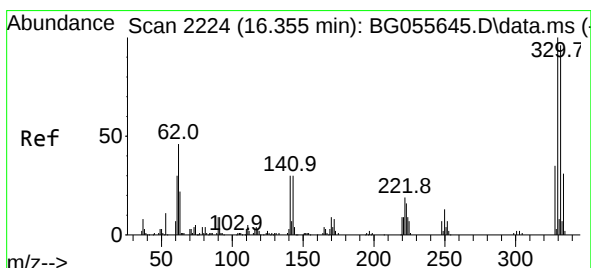
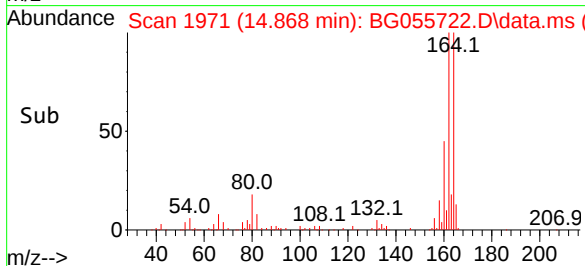
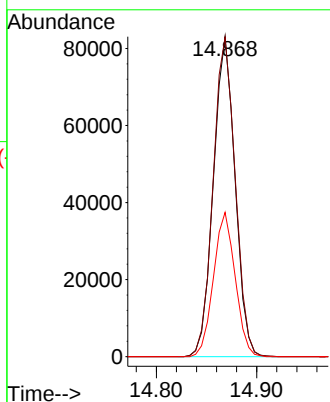
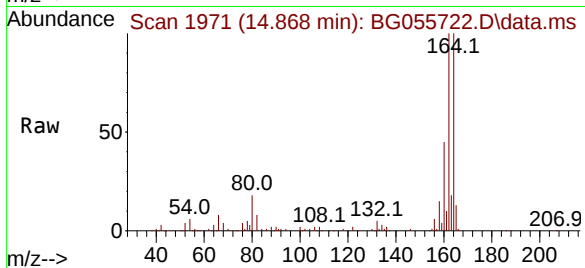
Tgt Ion:164 Resp: 124117

Ion Ratio Lower Upper

164 100

162 99.9 81.1 121.7

160 45.1 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 92.327 ng

RT: 16.349 min Scan# 2223

Delta R.T. -0.006 min

Lab File: BG055722.D

Acq: 21 Nov 2022 19:45

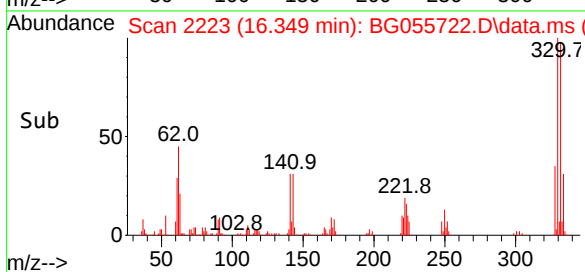
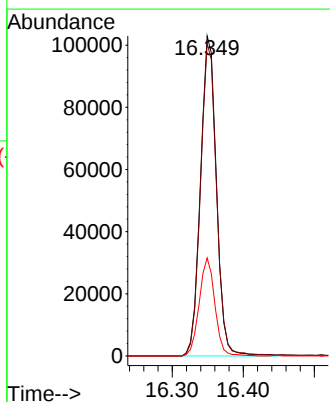
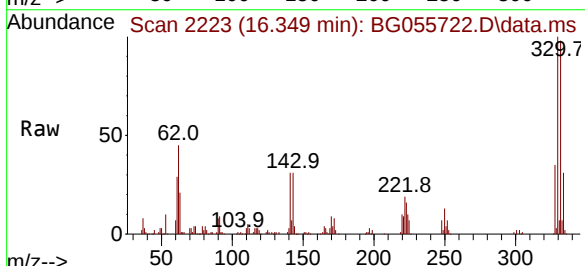
Tgt Ion:330 Resp: 161362

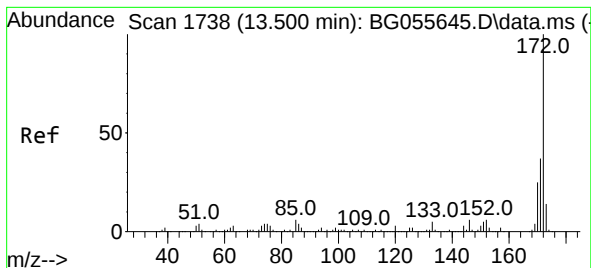
Ion Ratio Lower Upper

330 100

332 97.8 77.8 116.8

141 29.9 23.9 35.9

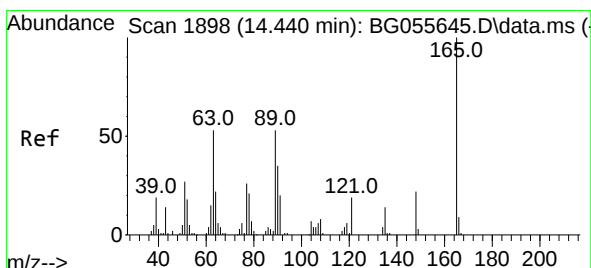
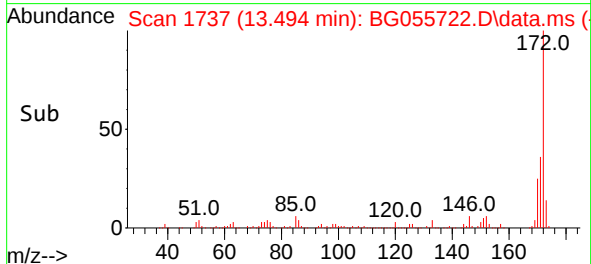
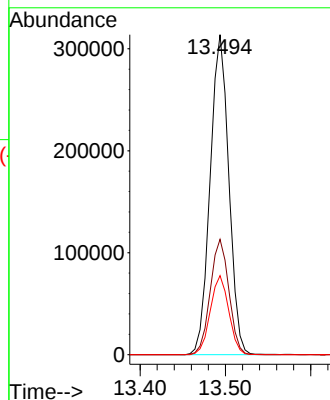
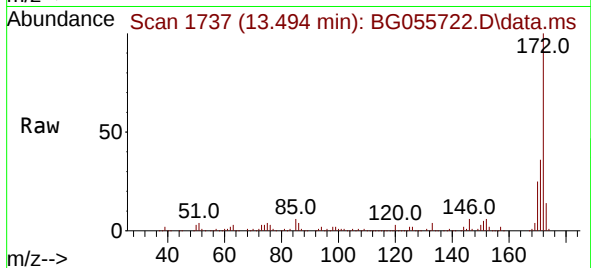




#45
2-Fluorobiphenyl
Concen: 57.723 ng
RT: 13.494 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055722.D
Acq: 21 Nov 2022 19:45

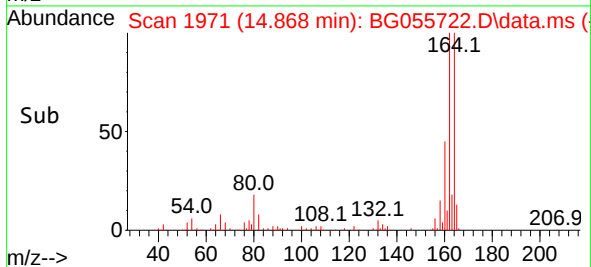
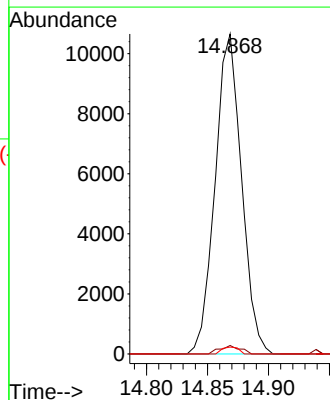
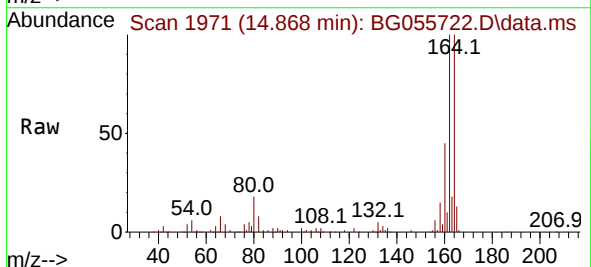
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-06

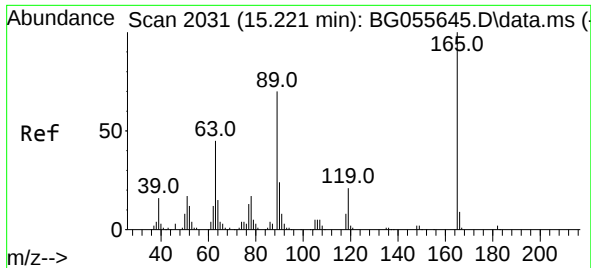
Tgt Ion:172 Resp: 478221
Ion Ratio Lower Upper
172 100
171 36.0 29.8 44.6
170 24.7 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.938 ng
RT: 14.868 min Scan# 1971
Delta R.T. 0.429 min
Lab File: BG055722.D
Acq: 21 Nov 2022 19:45

Tgt Ion:165 Resp: 16058
Ion Ratio Lower Upper
165 100
63 2.6 44.6 66.8#
89 2.1 42.2 63.4#

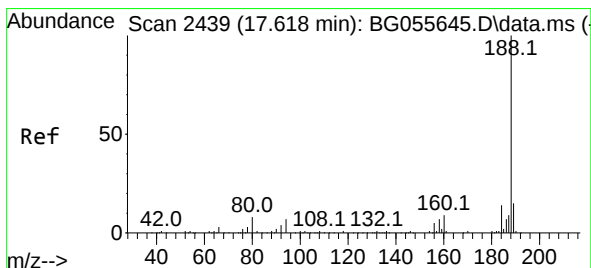
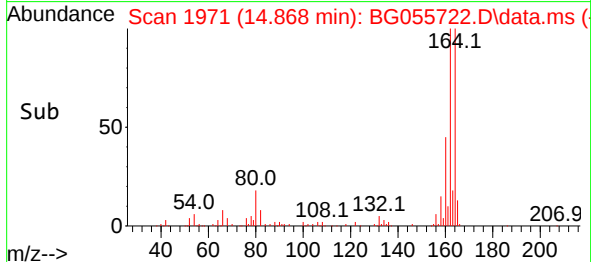
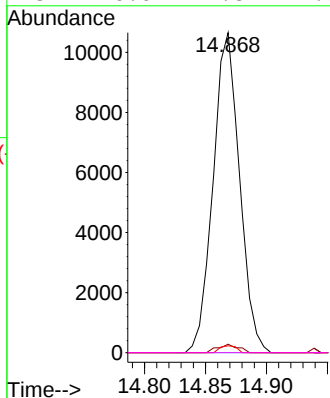
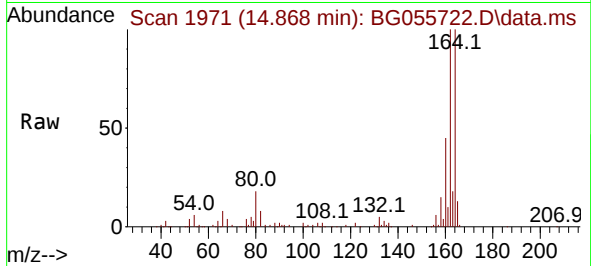




#57
2,4-Dinitrotoluene
Concen: 5.630 ng
RT: 14.868 min Scan# 19
Delta R.T. -0.353 min
Lab File: BG055722.D
Acq: 21 Nov 2022 19:45

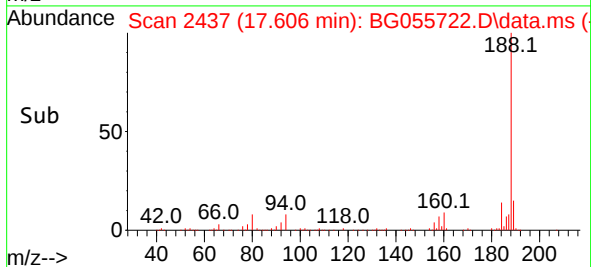
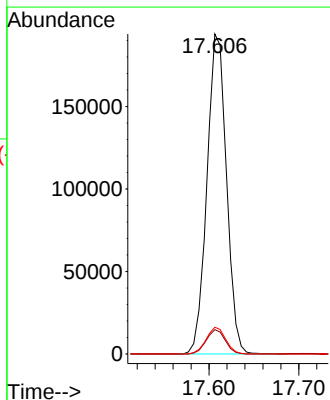
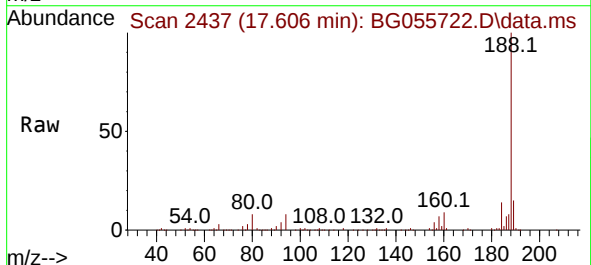
Instrument :
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ClientSampleId :
250FB-BP-BACKFILL-06

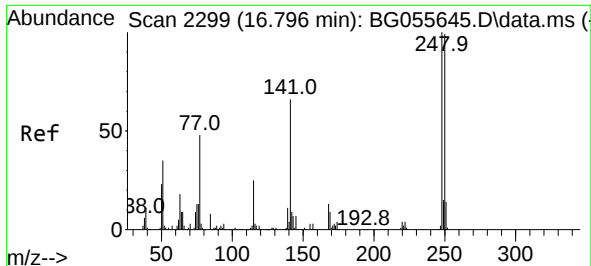
Tgt Ion:165 Resp: 16058
Ion Ratio Lower Upper
165 100
63 2.6 35.8 53.8#
89 2.1 56.2 84.4#
182 0.0 1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.606 min Scan# 2437
Delta R.T. -0.012 min
Lab File: BG055722.D
Acq: 21 Nov 2022 19:45

Tgt Ion:188 Resp: 292645
Ion Ratio Lower Upper
188 100
94 7.6 5.4 8.2
80 8.4 6.6 10.0

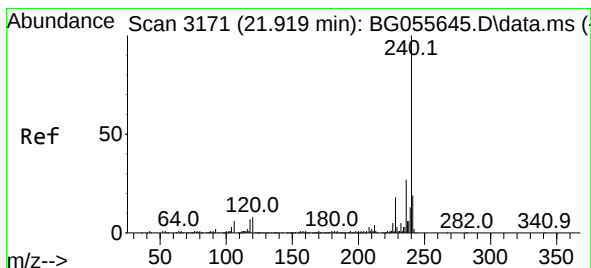
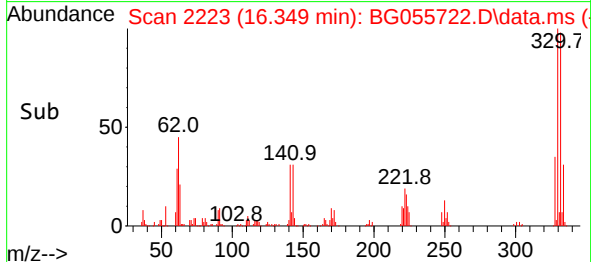
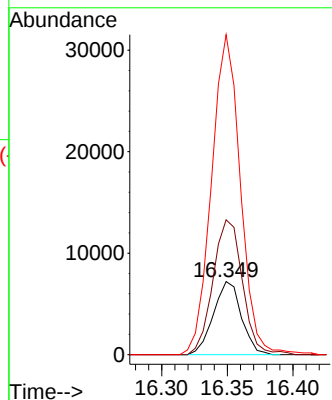
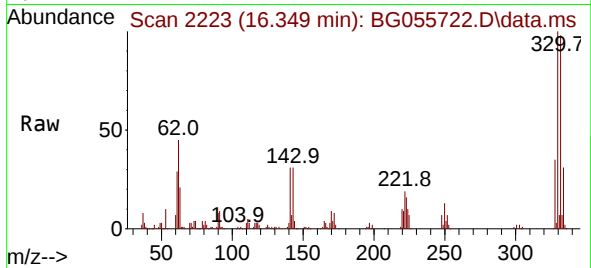




#67
4-Bromophenyl-phenylether
Concen: 3.197 ng
RT: 16.349 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG055722.D
Acq: 21 Nov 2022 19:45

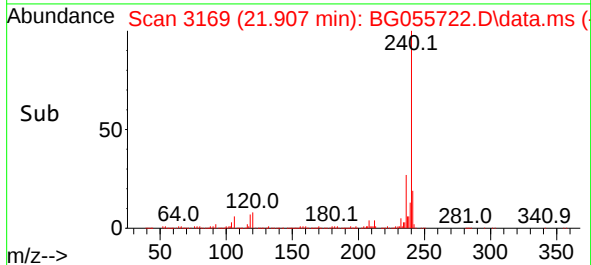
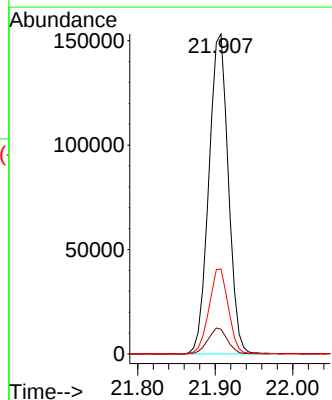
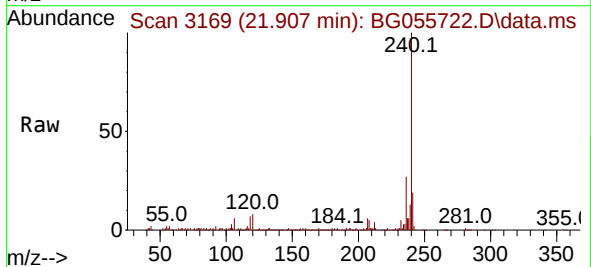
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-06

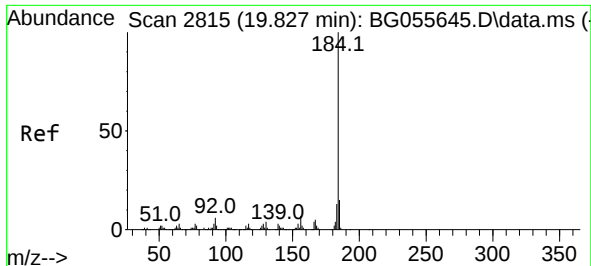
Tgt Ion:248 Resp: 10661
Ion Ratio Lower Upper
248 100
250 184.6 79.0 118.4#
141 438.0 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.907 min Scan# 3169
Delta R.T. -0.012 min
Lab File: BG055722.D
Acq: 21 Nov 2022 19:45

Tgt Ion:240 Resp: 267454
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.5 21.9 32.9

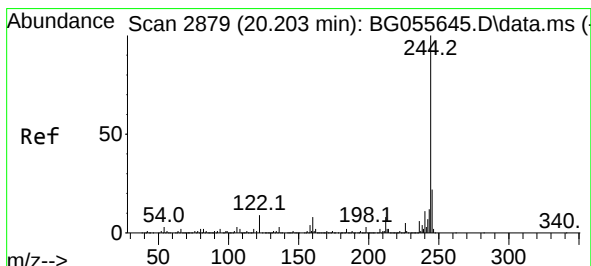
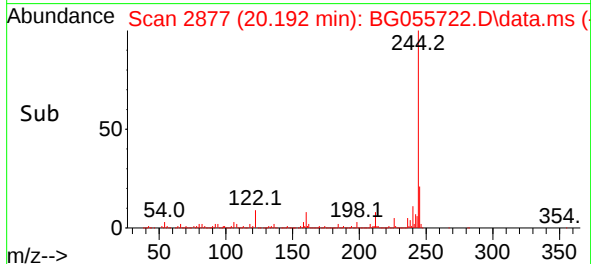
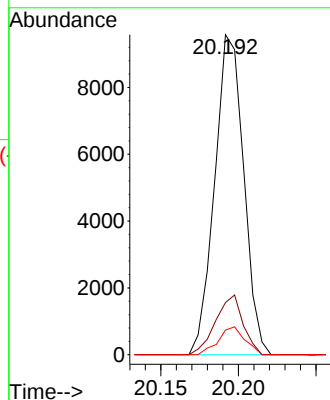
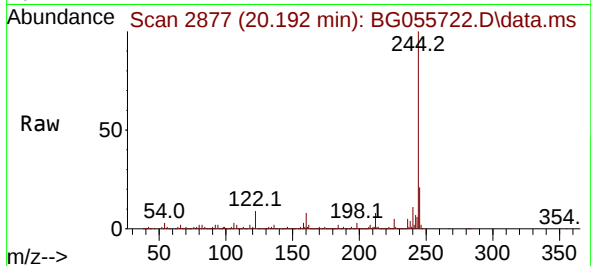




#77
Benzidine
Concen: 2.013 ng
RT: 20.192 min Scan# 2815
Delta R.T. 0.364 min
Lab File: BG055722.D
Acq: 21 Nov 2022 19:45

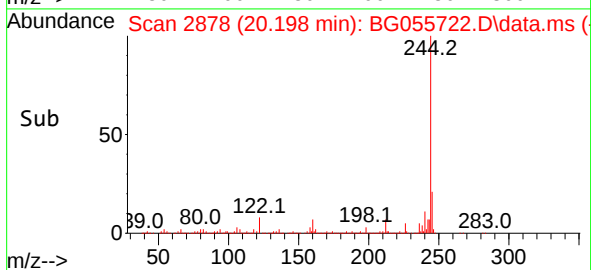
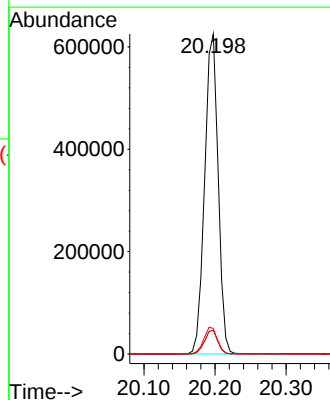
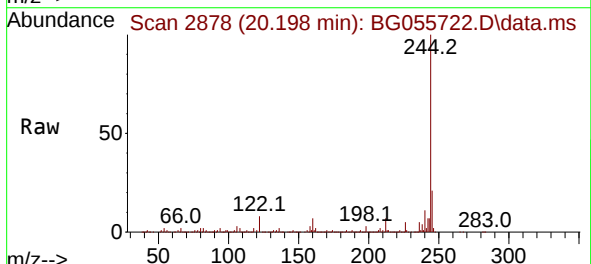
Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-06

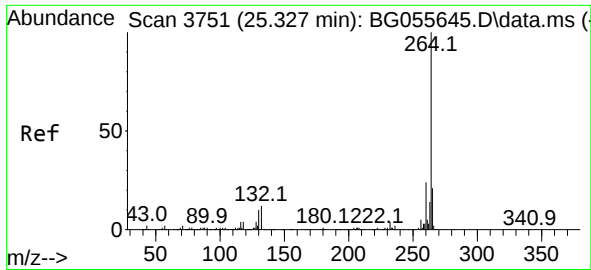
Tgt Ion:184 Resp: 12458
Ion Ratio Lower Upper
184 100
185 16.3 11.8 17.8
183 7.7 10.6 15.8#



#79
Terphenyl-d14
Concen: 61.894 ng
RT: 20.198 min Scan# 2878
Delta R.T. -0.006 min
Lab File: BG055722.D
Acq: 21 Nov 2022 19:45

Tgt Ion:244 Resp: 827632
Ion Ratio Lower Upper
244 100
212 7.3 6.3 9.5
122 8.0 6.9 10.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.309 min Scan# 31

Delta R.T. -0.018 min

Lab File: BG055722.D

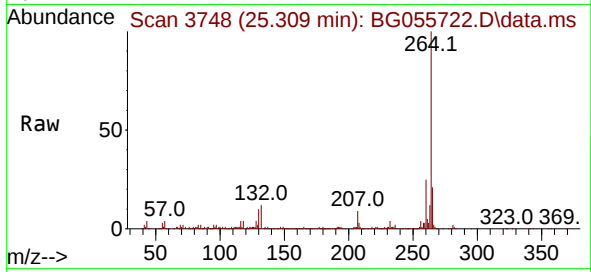
Acq: 21 Nov 2022 19:45

Instrument :

BNA_G

ClientSampleId :

250FB-BP-BACKFILL-06



Tgt Ion:264 Resp: 285342

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.3 17.1 25.7

