

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042324\
 Data File : BG061008.D
 Acq On : 23 Apr 2024 15:09
 Operator : MA/JU
 Sample : P2177-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LKWD-BACKFILL-21

Quant Time: Apr 23 15:55:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

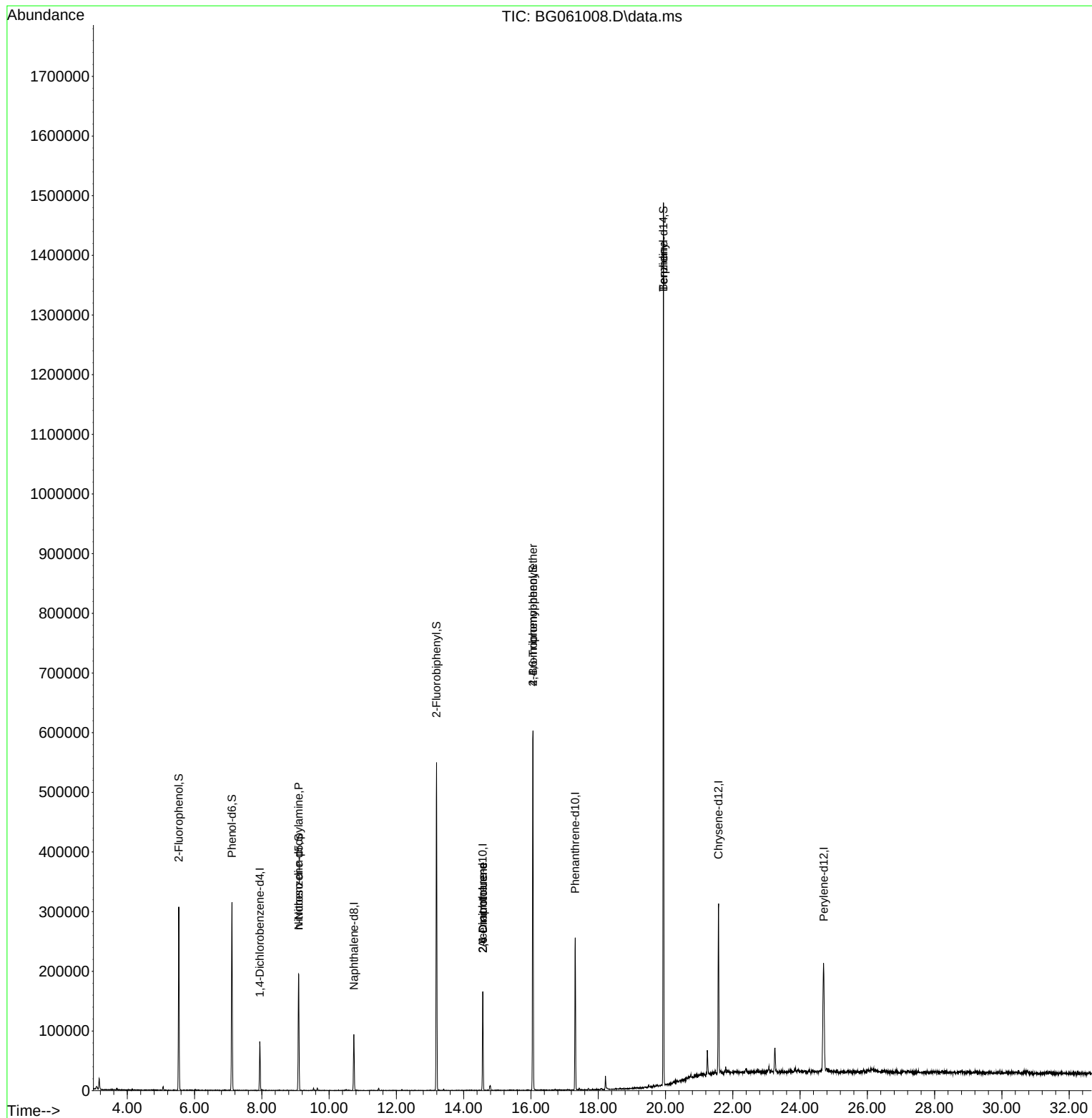
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	20809	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	72601	20.000	ng	# 0.00
39) Acenaphthene-d10	14.568	164	59984	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	164076	20.000	ng	0.00
76) Chrysene-d12	21.578	240	176785	20.000	ng	0.00
86) Perylene-d12	24.703	264	214533	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	104676	101.751	ng	0.00
7) Phenol-d6	7.112	99	137587	90.139	ng	0.00
23) Nitrobenzene-d5	9.098	82	98640	61.043	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	136977	103.991	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	290058	66.925	ng	0.00
79) Terphenyl-d14	19.938	244	746511	65.546	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.098	70	14922	13.118	ng	# 64
51) 2,6-Dinitrotoluene	14.574	165	8200	7.945	ng	# 16
57) 2,4-Dinitrotoluene	14.574	165	8200	5.517	ng	# 19
67) 4-Bromophenyl-phenylether	16.061	248	8554	3.950	ng	# 1
77) Benzidine	19.938	184	11779	3.596	ng	94

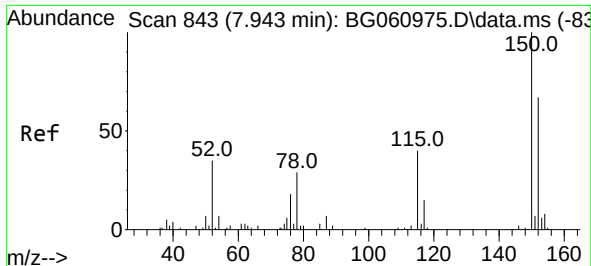
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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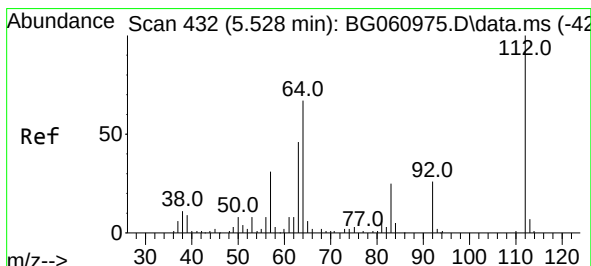
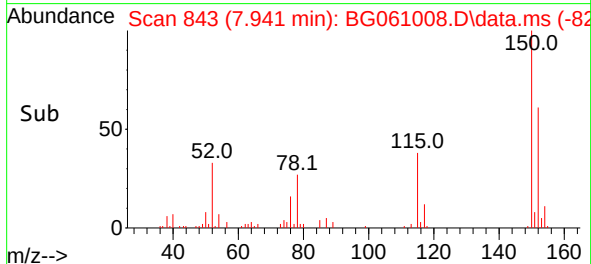
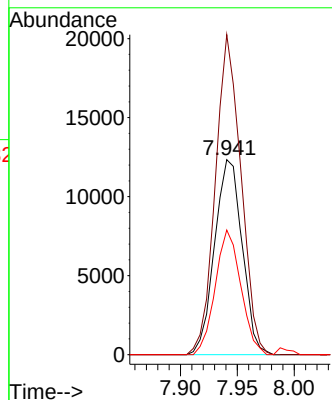
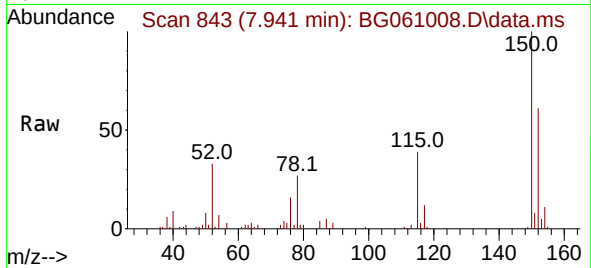




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 843
Delta R.T. -0.002 min
Lab File: BG061008.D
Acq: 23 Apr 2024 15:09

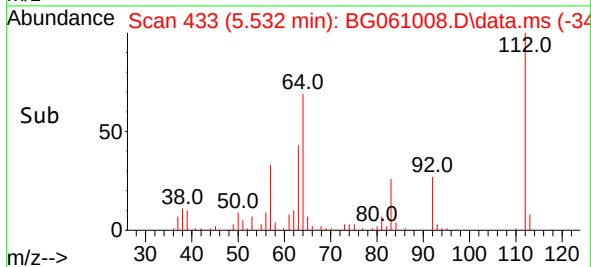
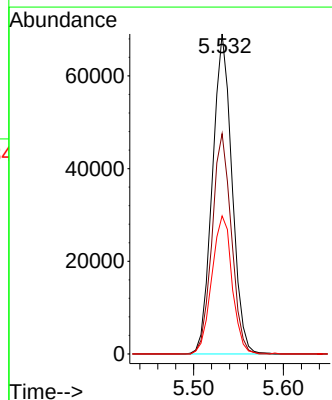
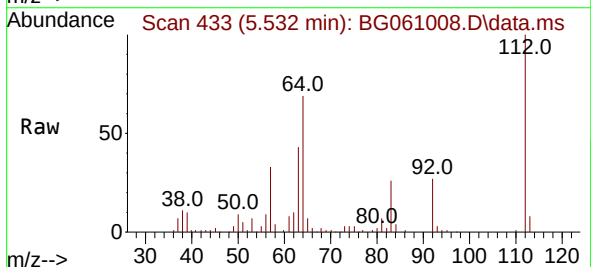
Instrument :
BNA_G
ClientSampleId :
LKWD-BACKFILL-21

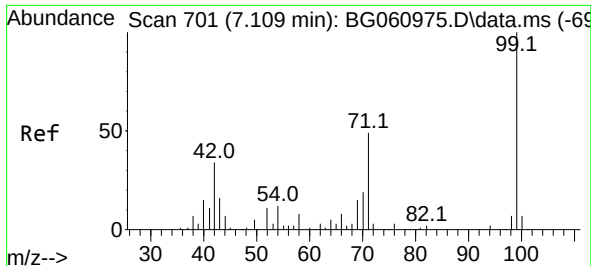
Tgt Ion:152 Resp: 20809
Ion Ratio Lower Upper
152 100
150 164.1 118.6 178.0
115 63.9 47.4 71.0



#5
2-Fluorophenol
Concen: 101.751 ng
RT: 5.532 min Scan# 433
Delta R.T. 0.004 min
Lab File: BG061008.D
Acq: 23 Apr 2024 15:09

Tgt Ion:112 Resp: 104676
Ion Ratio Lower Upper
112 100
64 68.9 53.7 80.5
63 43.1 37.0 55.6

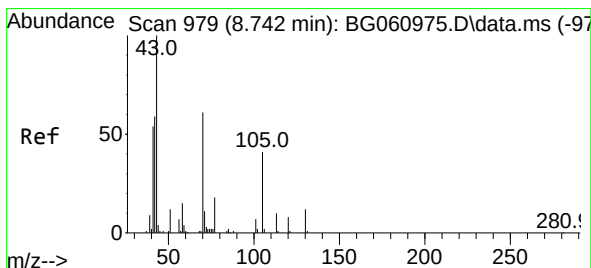
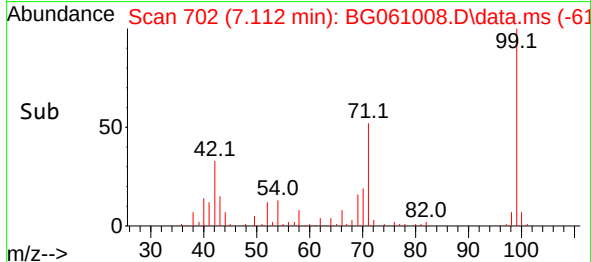
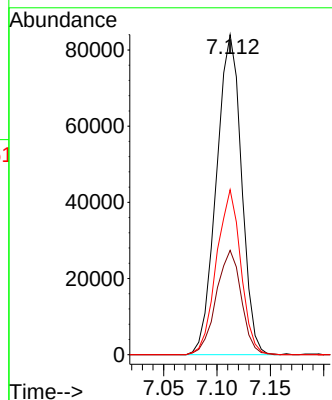
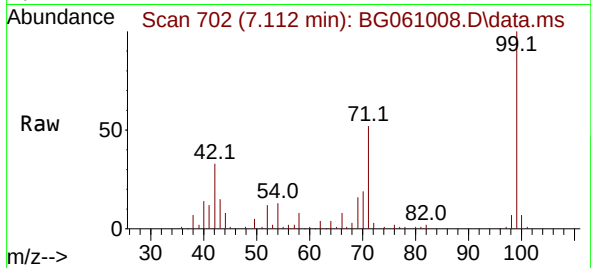




#7
Phenol-d6
Concen: 90.139 ng
RT: 7.112 min Scan# 701
Delta R.T. 0.004 min
Lab File: BG061008.D
Acq: 23 Apr 2024 15:09

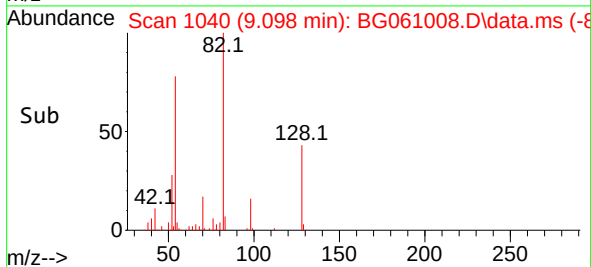
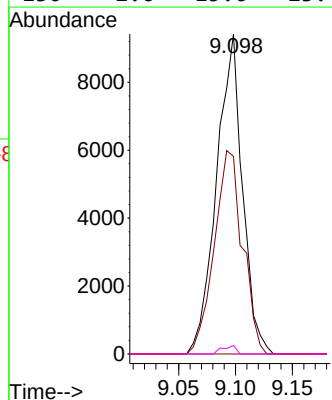
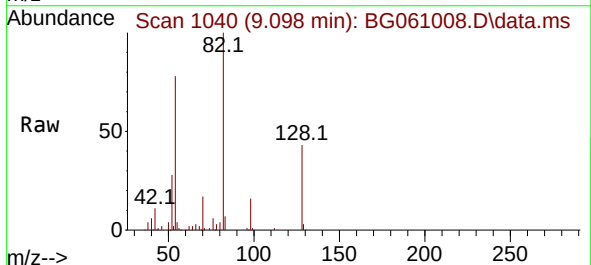
Instrument :
BNA_G
ClientSampleId :
LKWD-BACKFILL-21

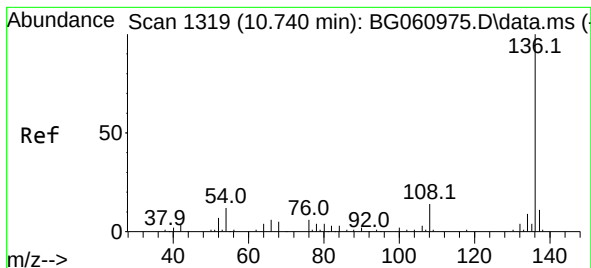
Tgt Ion: 99 Resp: 137587
Ion Ratio Lower Upper
99 100
42 32.6 27.2 40.8
71 51.6 38.8 58.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.118 ng
RT: 9.098 min Scan# 1040
Delta R.T. 0.356 min
Lab File: BG061008.D
Acq: 23 Apr 2024 15:09

Tgt Ion: 70 Resp: 14922
Ion Ratio Lower Upper
70 100
42 61.8 78.0 117.0#
101 0.0 8.6 13.0#
130 2.6 15.6 23.4#

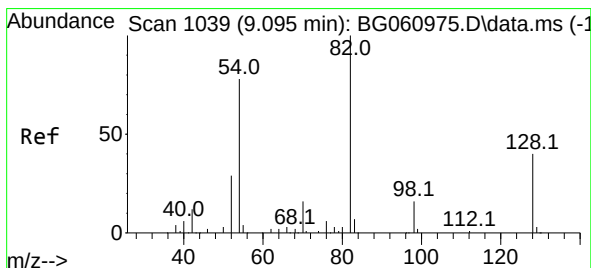
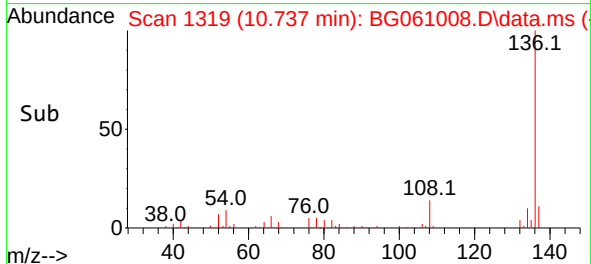
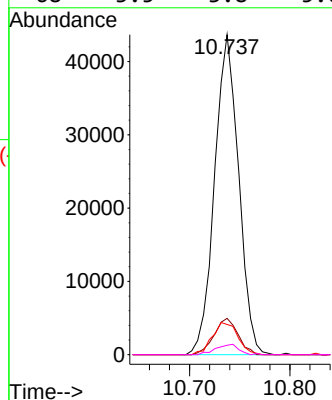
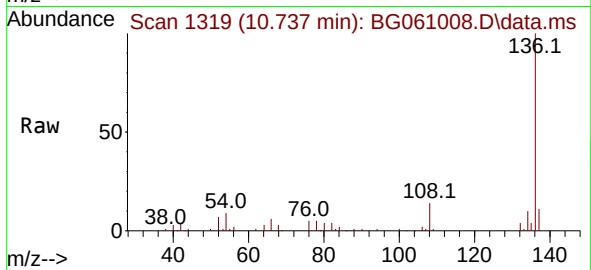




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG061008.D
Acq: 23 Apr 2024 15:09

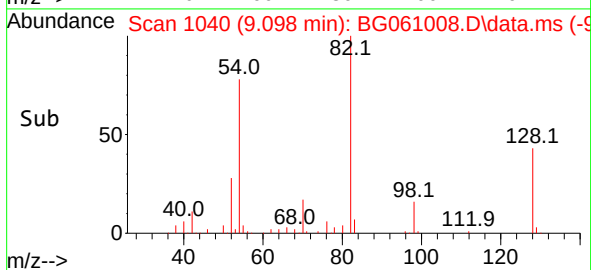
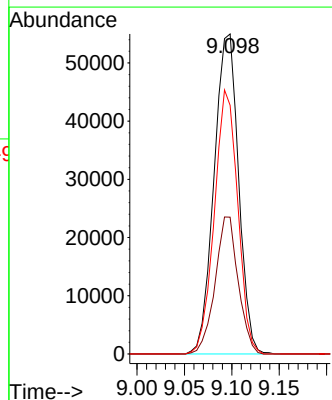
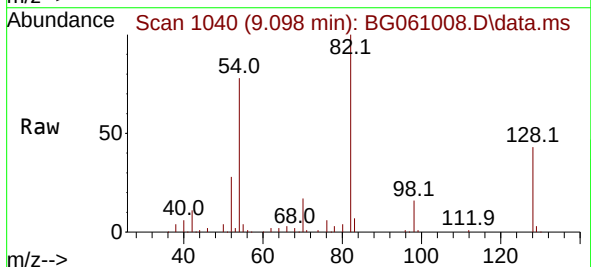
Instrument :
BNA_G
ClientSampleId :
LKWD-BACKFILL-21

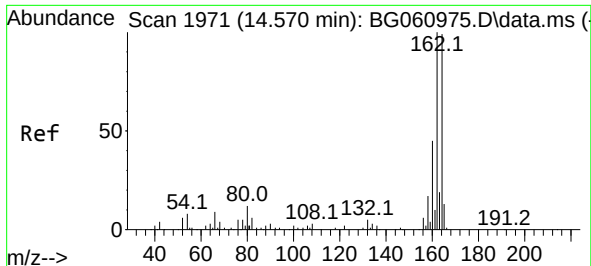
Tgt Ion:	136	Resp:	72601
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.5	12.7
54	9.4	9.4	14.0
68	3.5	3.8	5.6



#23
Nitrobenzene-d5
Concen: 61.043 ng
RT: 9.098 min Scan# 1040
Delta R.T. 0.004 min
Lab File: BG061008.D
Acq: 23 Apr 2024 15:09

Tgt Ion:	82	Resp:	98640
Ion Ratio	Lower	Upper	
82	100		
128	42.8	32.1	48.1
54	77.7	62.3	93.5

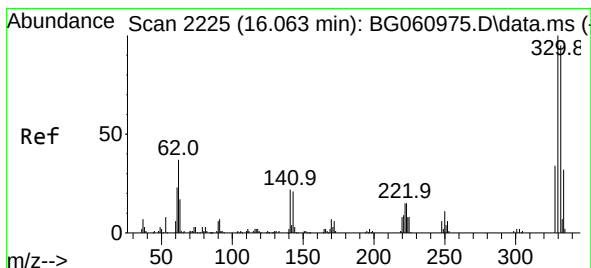
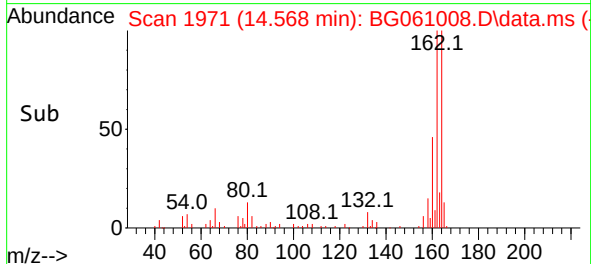
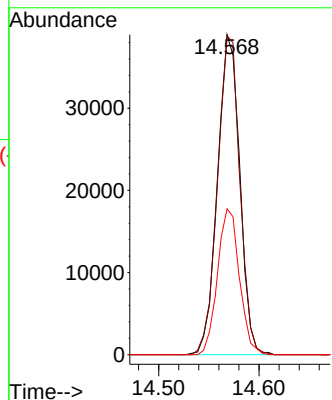
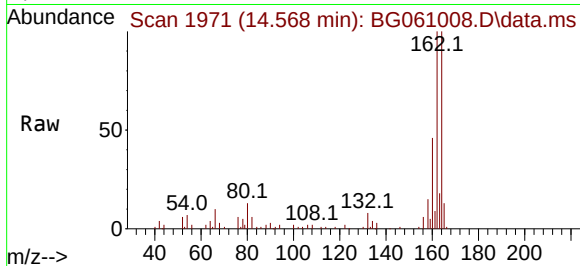




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BG061008.D
Acq: 23 Apr 2024 15:09

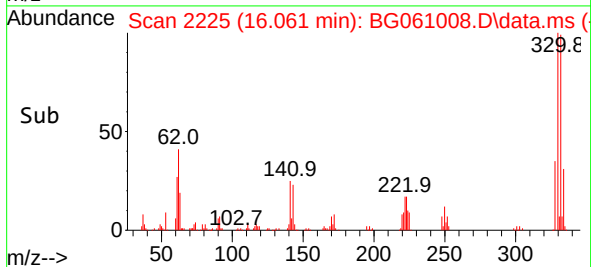
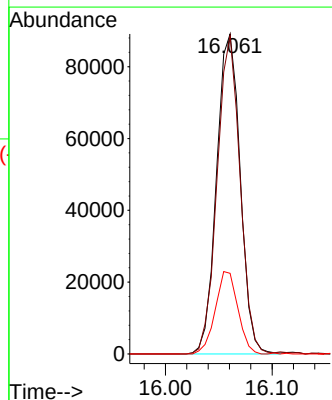
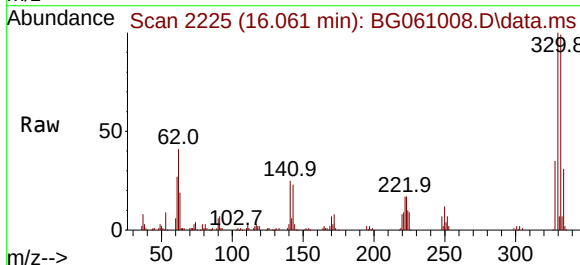
Instrument :
BNA_G
ClientSampleId :
LKWD-BACKFILL-21

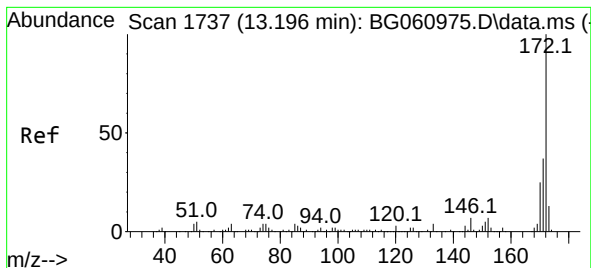
Tgt Ion:164 Resp: 59984
Ion Ratio Lower Upper
164 100
162 99.7 81.2 121.8
160 45.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 103.991 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.002 min
Lab File: BG061008.D
Acq: 23 Apr 2024 15:09

Tgt Ion:330 Resp: 136977
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 24.6 20.6 31.0

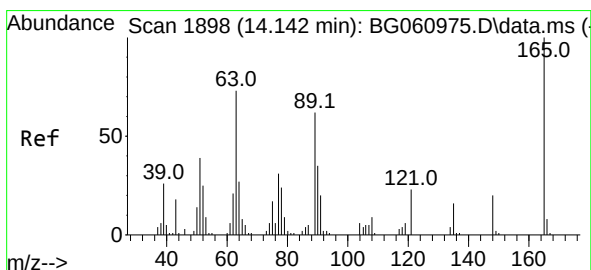
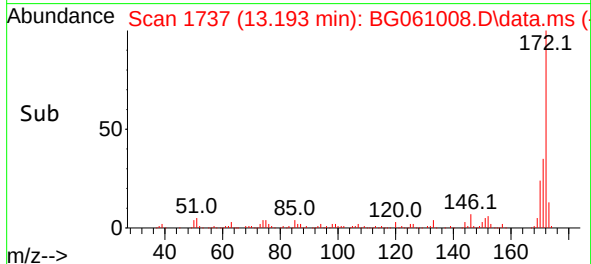
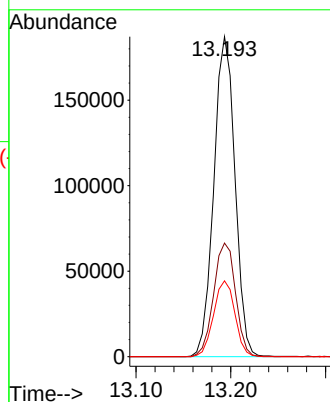
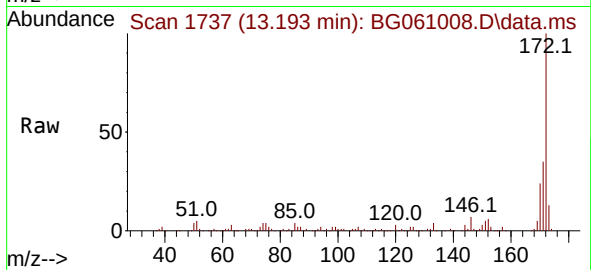




#45
2-Fluorobiphenyl
Concen: 66.925 ng
RT: 13.193 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG061008.D
Acq: 23 Apr 2024 15:09

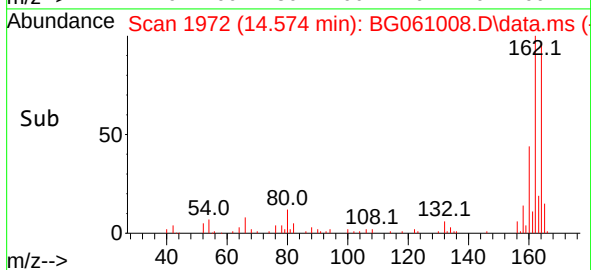
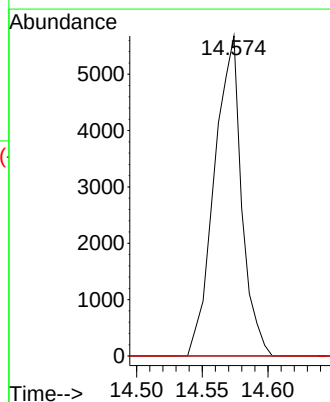
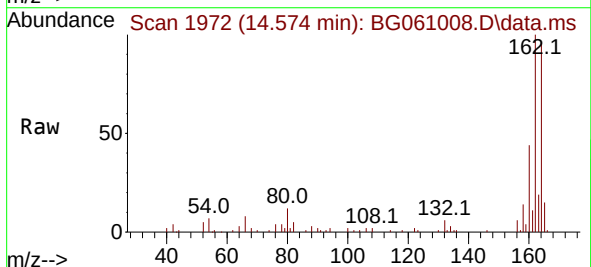
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ClientSampleId :
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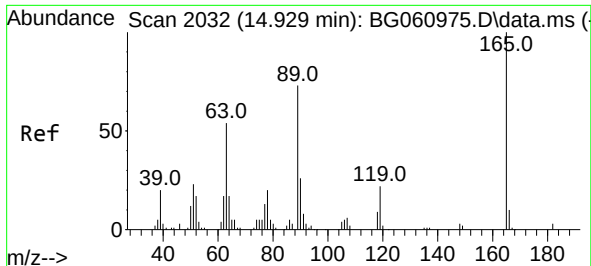
Tgt Ion:172 Resp: 290058
Ion Ratio Lower Upper
172 100
171 35.5 29.3 43.9
170 23.7 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.945 ng
RT: 14.574 min Scan# 1972
Delta R.T. 0.432 min
Lab File: BG061008.D
Acq: 23 Apr 2024 15:09

Tgt Ion:165 Resp: 8200
Ion Ratio Lower Upper
165 100
63 0.0 59.6 89.4#
89 0.0 49.4 74.0#





#57

2,4-Dinitrotoluene

Concen: 5.517 ng

RT: 14.574 min Scan# 1972

Delta R.T. -0.355 min

Lab File: BG061008.D

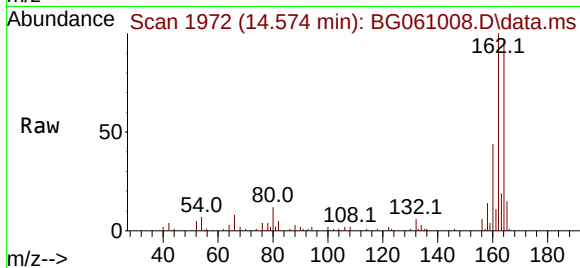
Acq: 23 Apr 2024 15:09

Instrument :

BNA_G

ClientSampleId :

LKWD-BACKFILL-21



Tgt Ion:165 Resp: 8200

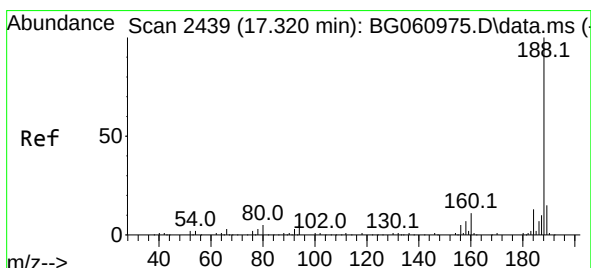
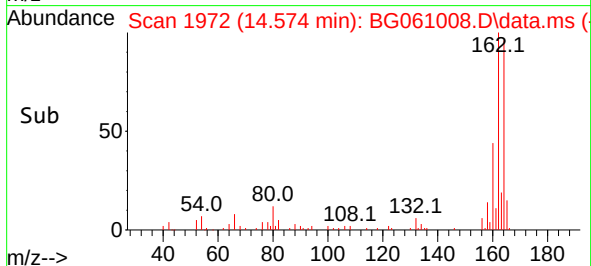
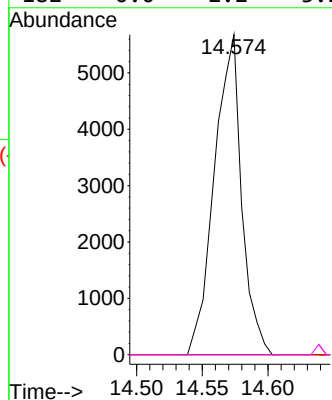
Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.2#

89 0.0 58.4 87.6#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.318 min Scan# 2439

Delta R.T. -0.002 min

Lab File: BG061008.D

Acq: 23 Apr 2024 15:09

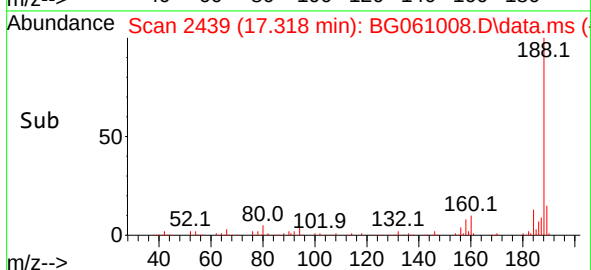
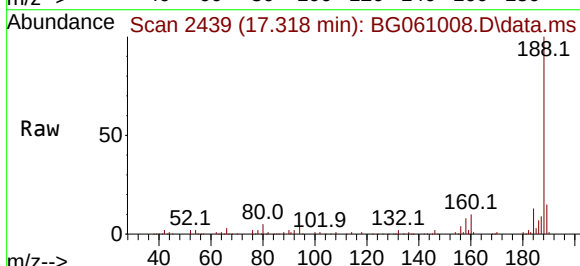
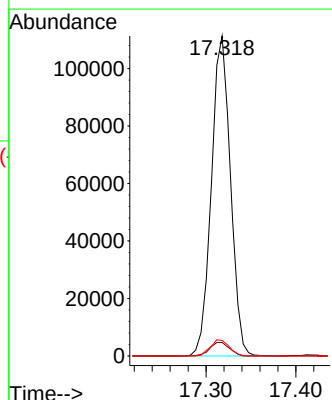
Tgt Ion:188 Resp: 164076

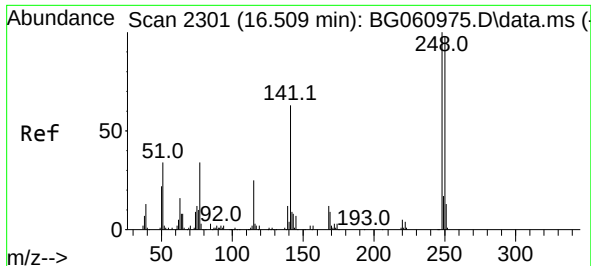
Ion Ratio Lower Upper

188 100

94 4.2 4.1 6.1

80 4.8 4.0 6.0

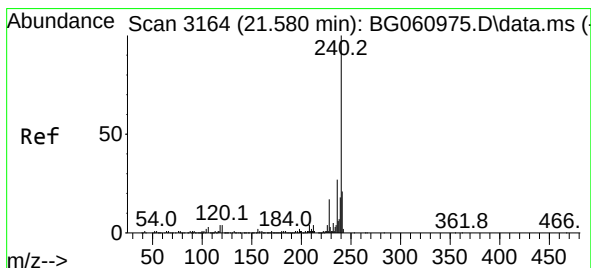
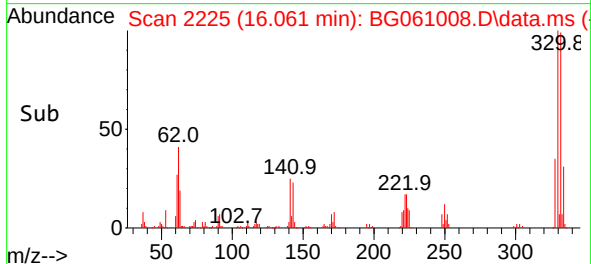
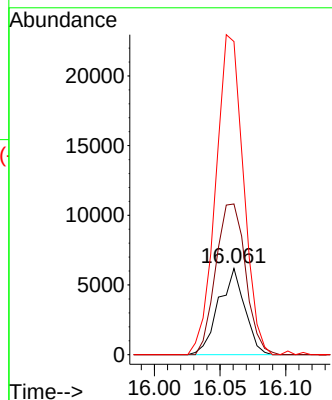
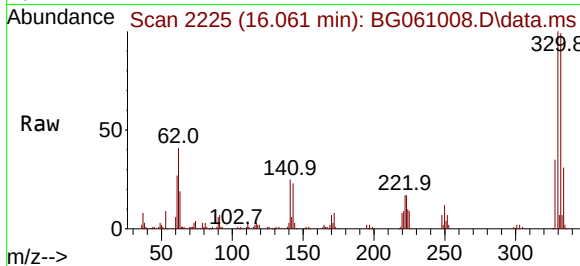




#67
4-Bromophenyl-phenylether
Concen: 3.950 ng
RT: 16.061 min Scan# 21
Delta R.T. -0.449 min
Lab File: BG061008.D
Acq: 23 Apr 2024 15:09

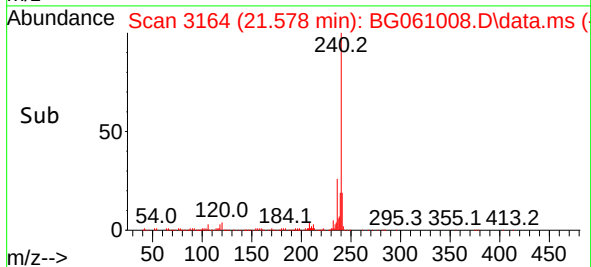
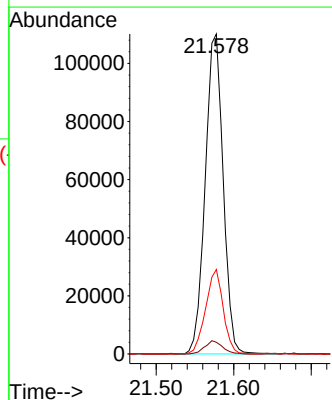
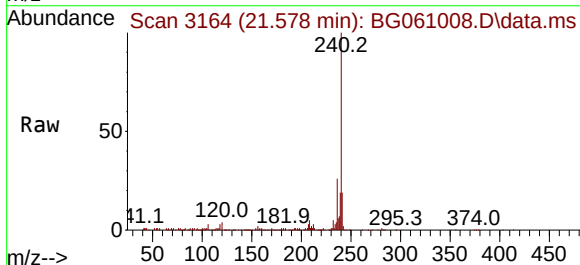
Instrument :
BNA_G
ClientSampleId :
LKWD-BACKFILL-21

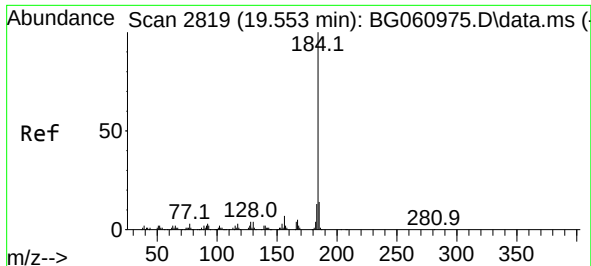
Tgt Ion:248 Resp: 8554
Ion Ratio Lower Upper
248 100
250 174.5 78.7 118.1#
141 362.7 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.002 min
Lab File: BG061008.D
Acq: 23 Apr 2024 15:09

Tgt Ion:240 Resp: 176785
Ion Ratio Lower Upper
240 100
120 3.6 3.0 4.6
236 26.4 21.8 32.6

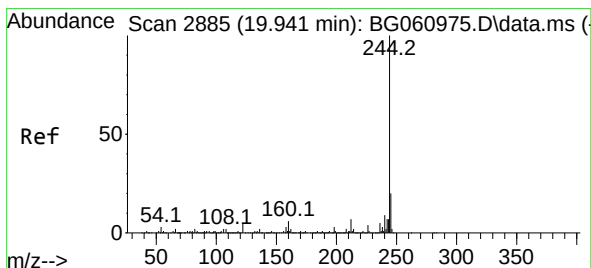
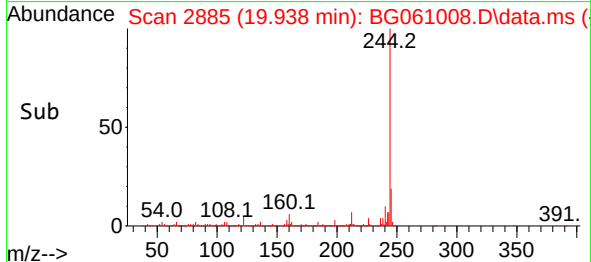
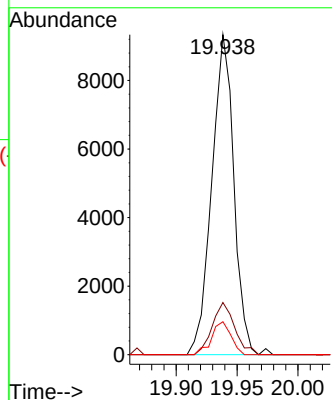
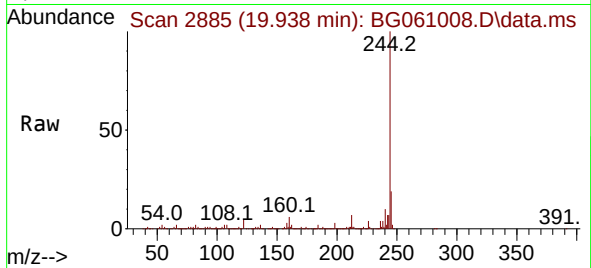




#77
Benzidine
Concen: 3.596 ng
RT: 19.938 min Scan# 2819
Delta R.T. 0.385 min
Lab File: BG061008.D
Acq: 23 Apr 2024 15:09

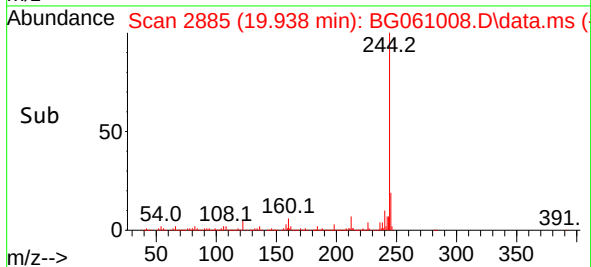
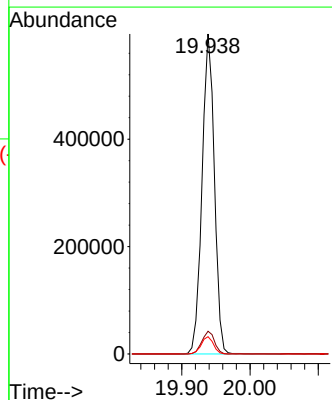
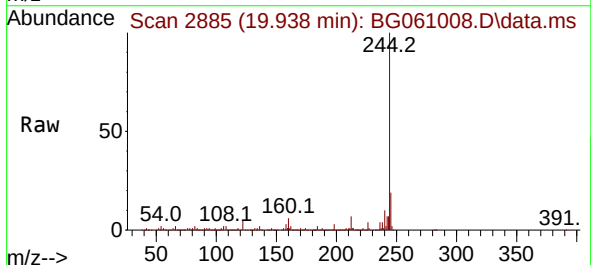
Instrument :
BNA_G
ClientSampleId :
LKWD-BACKFILL-21

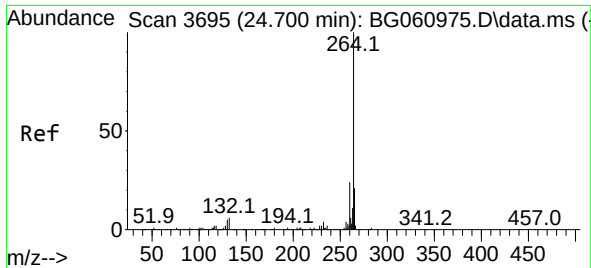
Tgt Ion:184 Resp: 11779
Ion Ratio Lower Upper
184 100
185 16.3 11.3 16.9
183 10.3 10.2 15.2



#79
Terphenyl-d14
Concen: 65.546 ng
RT: 19.938 min Scan# 2885
Delta R.T. -0.002 min
Lab File: BG061008.D
Acq: 23 Apr 2024 15:09

Tgt Ion:244 Resp: 746511
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 5.4 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.703 min Scan# 30
 Delta R.T. 0.004 min
 Lab File: BG061008.D
 Acq: 23 Apr 2024 15:09

Instrument :
 BNA_G
 ClientSampleId :
 LKWD-BACKFILL-21

Tgt Ion:264 Resp: 214533
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 22.2 17.0 25.4

