

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042324\
 Data File : BG061007.D
 Acq On : 23 Apr 2024 14:28
 Operator : MA/JU
 Sample : P2177-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LKWD-BACKFILL-20

Quant Time: Apr 23 15:18:48 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)

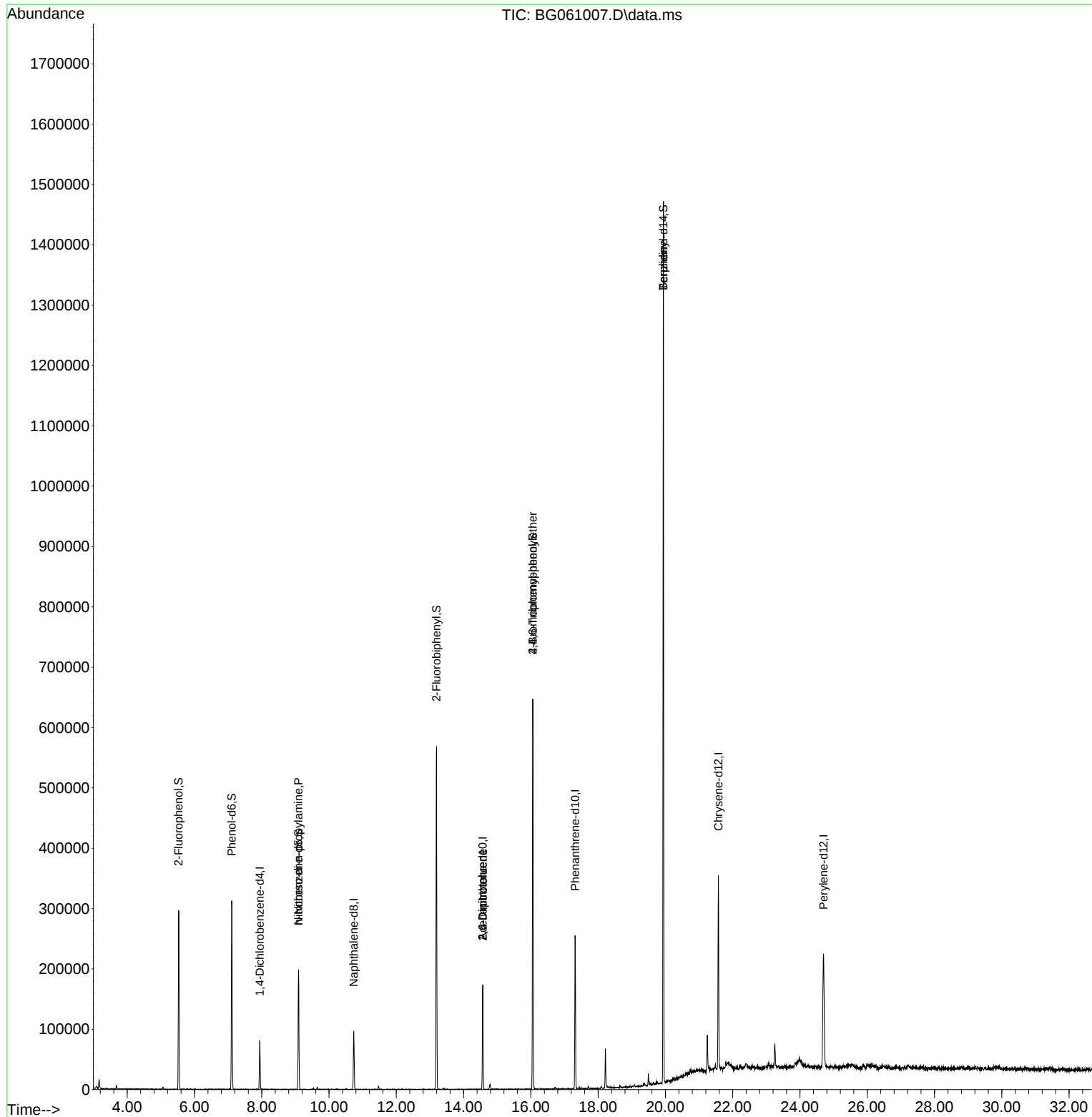
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	20773	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	76703	20.000	ng	# 0.00
39) Acenaphthene-d10	14.570	164	62813	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	171744	20.000	ng	0.00
76) Chrysene-d12	21.574	240	182021	20.000	ng	0.00
86) Perylene-d12	24.699	264	223081	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	106147	103.360	ng	0.00
7) Phenol-d6	7.108	99	139537	91.575	ng	0.00
23) Nitrobenzene-d5	9.094	82	98404	57.640	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	139988	101.490	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	290501	64.009	ng	0.00
79) Terphenyl-d14	19.940	244	741112	63.200	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.094	70	15062	13.264	ng	# 74
51) 2,6-Dinitrotoluene	14.570	165	8529	7.892	ng	# 16
57) 2,4-Dinitrotoluene	14.570	165	8529	5.479	ng	# 19
67) 4-Bromophenyl-phenylether	16.057	248	8714	3.845	ng	# 1
77) Benzdine	19.940	184	11231	3.330	ng	# 91

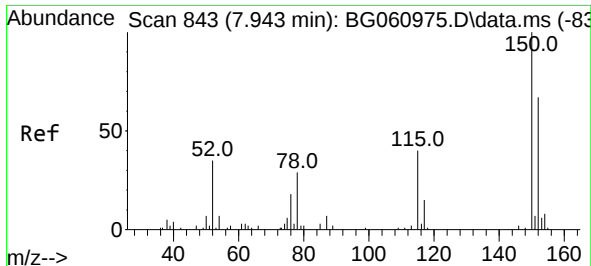
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042324\
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Misc :
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Instrument :
BNA_G
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LKWD-BACKFILL-20

Quant Time: Apr 23 15:18:48 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

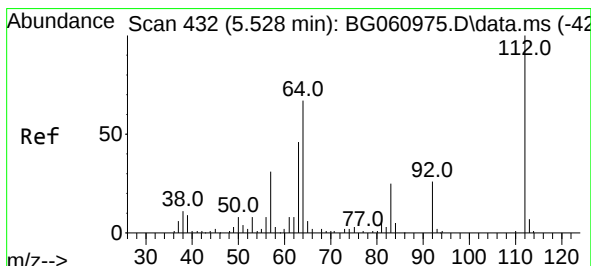
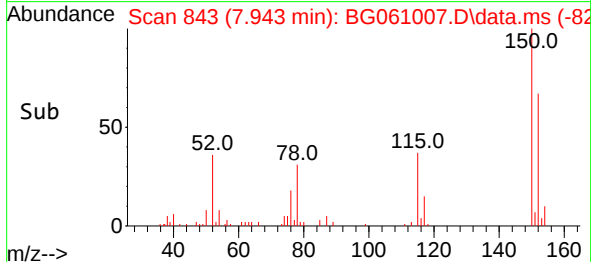
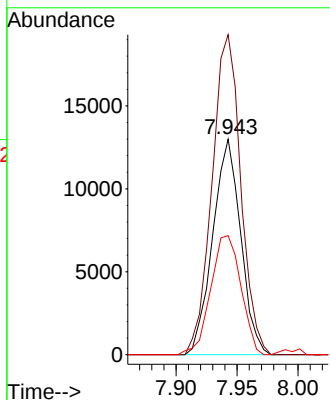
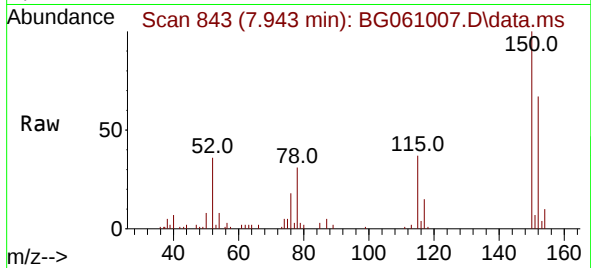




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 843
Delta R.T. -0.000 min
Lab File: BG061007.D
Acq: 23 Apr 2024 14:28

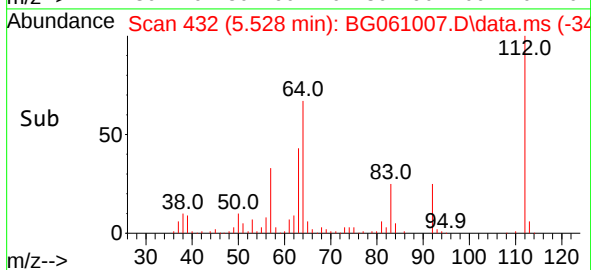
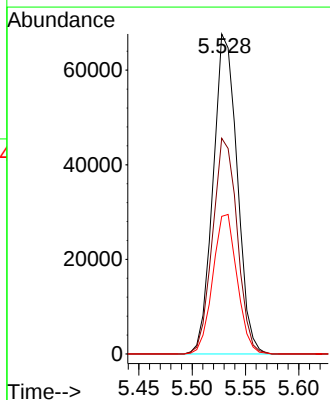
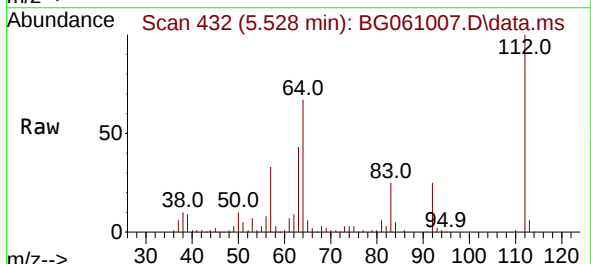
Instrument :
BNA_G
ClientSampleId :
LKWD-BACKFILL-20

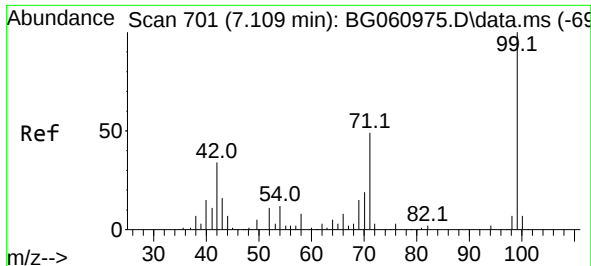
Tgt Ion:152 Resp: 20773
Ion Ratio Lower Upper
152 100
150 148.5 118.6 178.0
115 55.2 47.4 71.0



#5
2-Fluorophenol
Concen: 103.360 ng
RT: 5.528 min Scan# 432
Delta R.T. -0.000 min
Lab File: BG061007.D
Acq: 23 Apr 2024 14:28

Tgt Ion:112 Resp: 106147
Ion Ratio Lower Upper
112 100
64 67.4 53.7 80.5
63 43.0 37.0 55.6

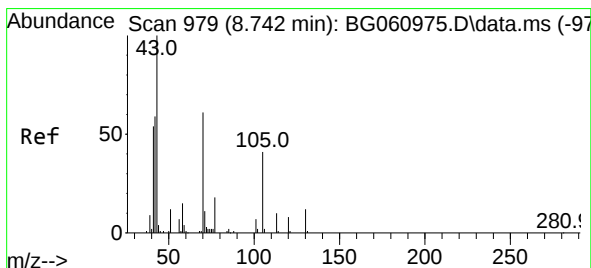
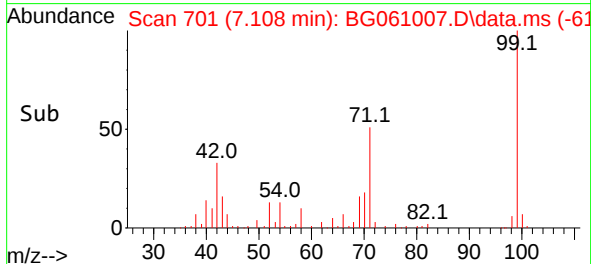
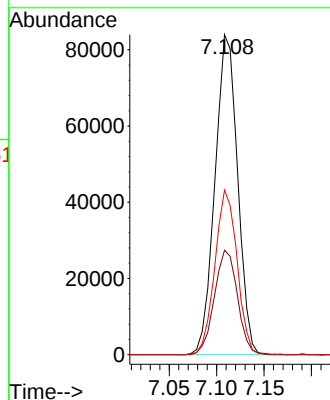
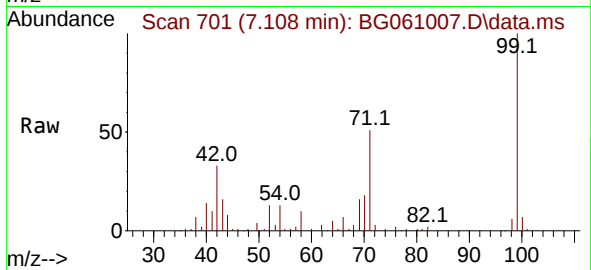




#7
Phenol-d6
Concen: 91.575 ng
RT: 7.108 min Scan# 701
Delta R.T. -0.000 min
Lab File: BG061007.D
Acq: 23 Apr 2024 14:28

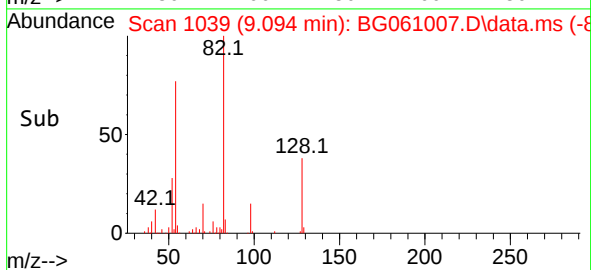
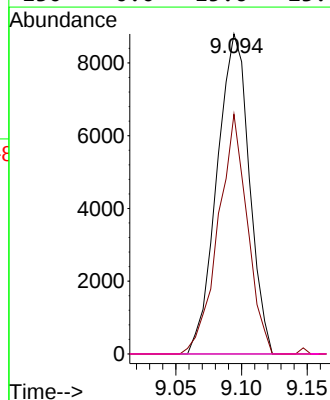
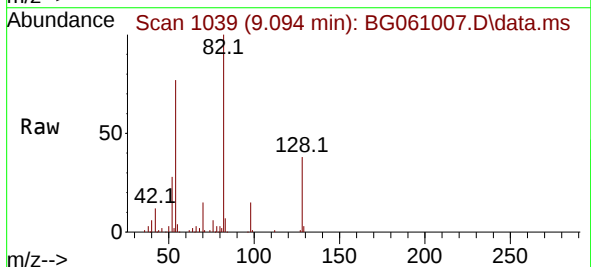
Instrument :
BNA_G
ClientSampleId :
LKWD-BACKFILL-20

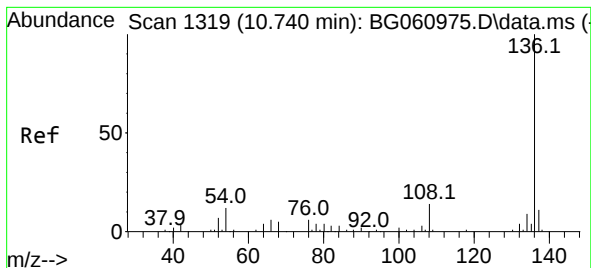
Tgt Ion: 99 Resp: 139537
Ion Ratio Lower Upper
99 100
42 32.7 27.2 40.8
71 51.5 38.8 58.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.264 ng
RT: 9.094 min Scan# 1039
Delta R.T. 0.352 min
Lab File: BG061007.D
Acq: 23 Apr 2024 14:28

Tgt Ion: 70 Resp: 15062
Ion Ratio Lower Upper
70 100
42 74.9 78.0 117.0#
101 0.0 8.6 13.0#
130 0.0 15.6 23.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.733 min Scan# 1318

Delta R.T. -0.007 min

Lab File: BG061007.D

Acq: 23 Apr 2024 14:28

Instrument :

BNA_G

ClientSampleId :

LKWD-BACKFILL-20

Tgt Ion:136 Resp: 76703

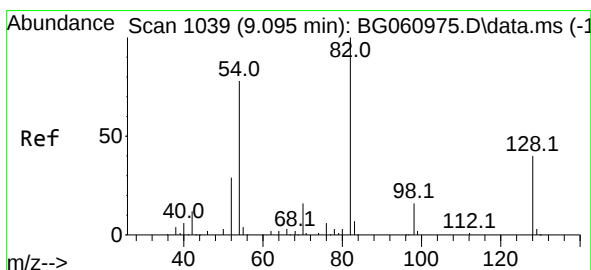
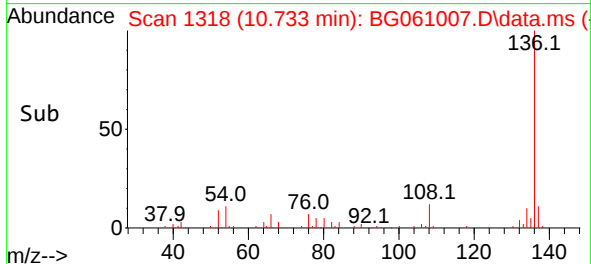
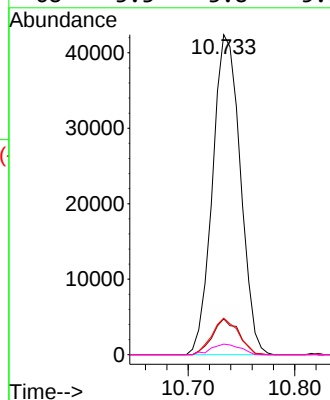
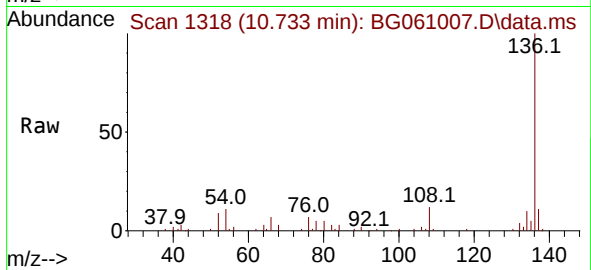
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 11.4 9.4 14.0

68 3.3 3.8 5.6#



#23

Nitrobenzene-d5

Concen: 57.640 ng

RT: 9.094 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BG061007.D

Acq: 23 Apr 2024 14:28

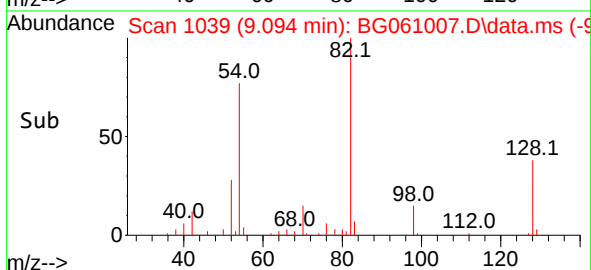
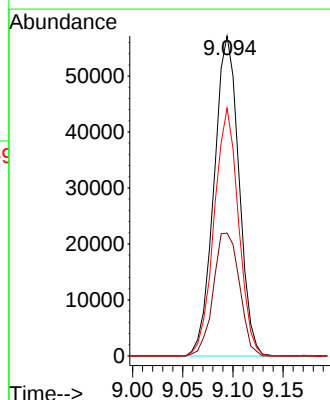
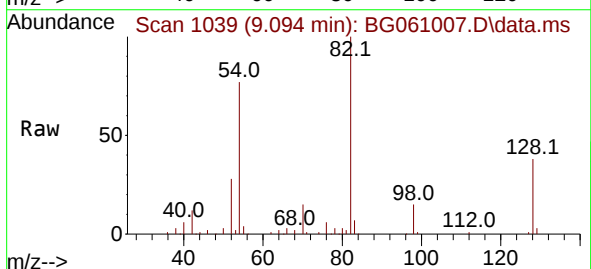
Tgt Ion: 82 Resp: 98404

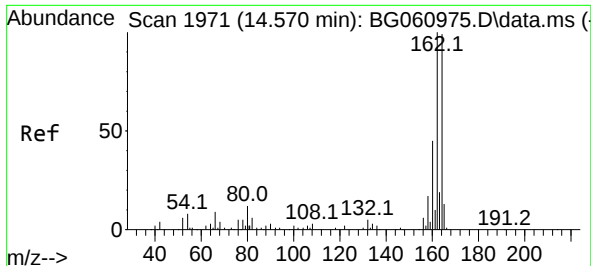
Ion Ratio Lower Upper

82 100

128 38.4 32.1 48.1

54 77.4 62.3 93.5

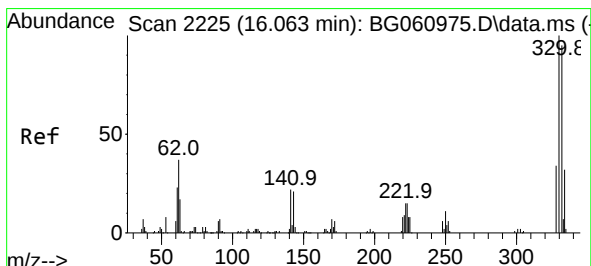
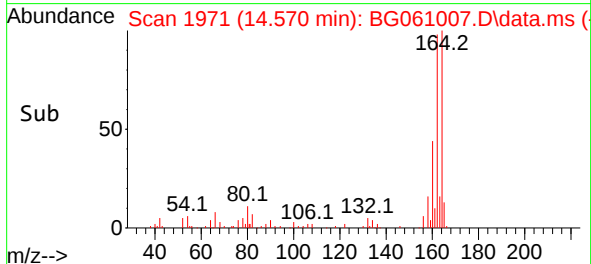
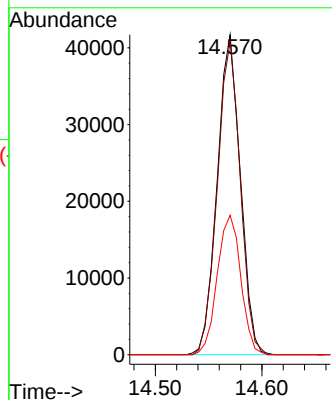
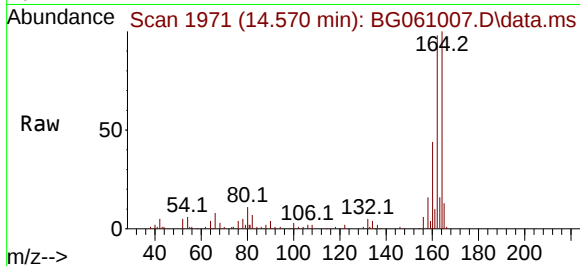




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.570 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BG061007.D
Acq: 23 Apr 2024 14:28

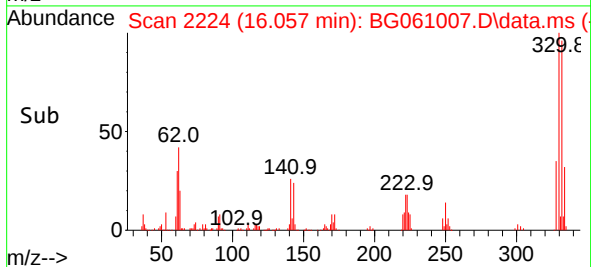
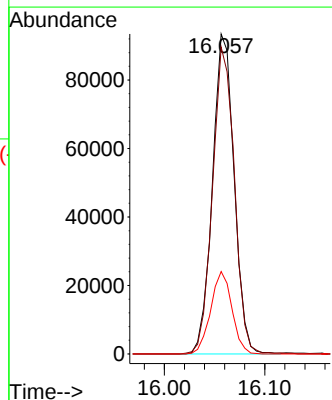
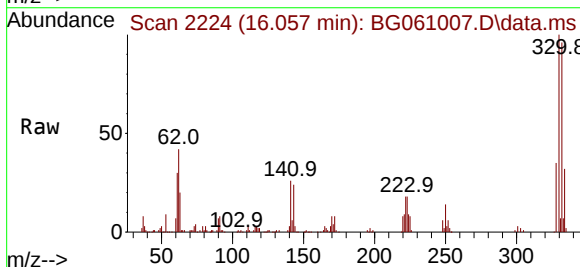
Instrument :
BNA_G
ClientSampleId :
LKWD-BACKFILL-20

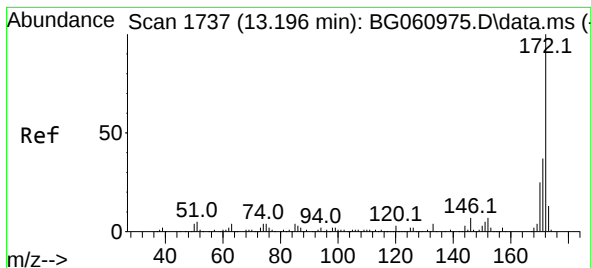
Tgt Ion:164 Resp: 62813
Ion Ratio Lower Upper
164 100
162 97.8 81.2 121.8
160 43.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 101.490 ng
RT: 16.057 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BG061007.D
Acq: 23 Apr 2024 14:28

Tgt Ion:330 Resp: 139988
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 25.3 20.6 31.0

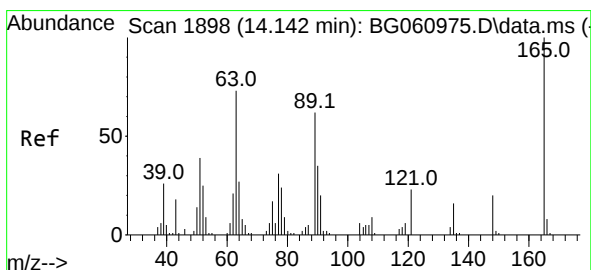
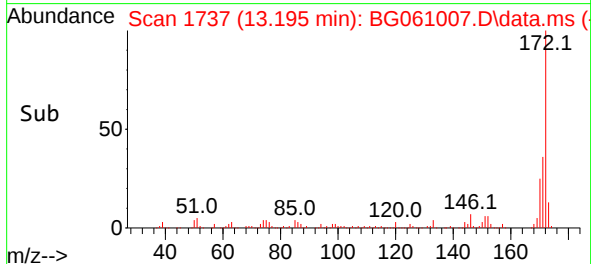
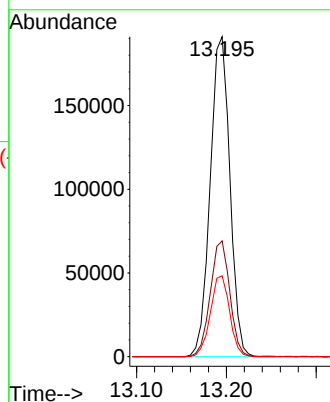
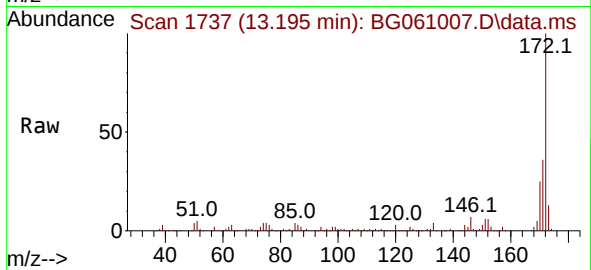




#45
2-Fluorobiphenyl
Concen: 64.009 ng
RT: 13.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG061007.D
Acq: 23 Apr 2024 14:28

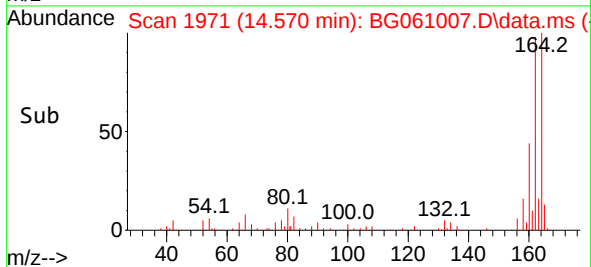
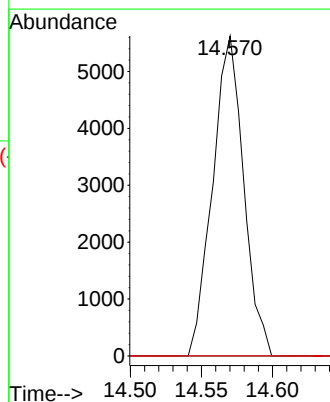
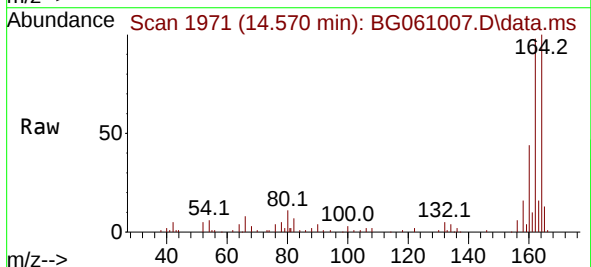
Instrument :
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ClientSampleId :
LKWD-BACKFILL-20

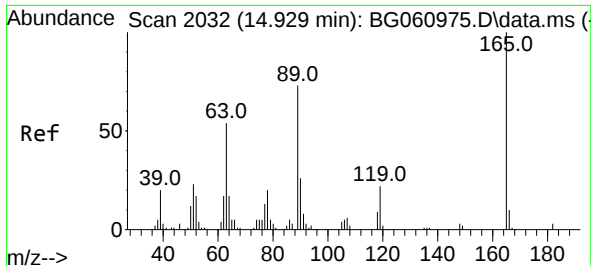
Tgt Ion:172 Resp: 290501
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 25.3 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.892 ng
RT: 14.570 min Scan# 1971
Delta R.T. 0.429 min
Lab File: BG061007.D
Acq: 23 Apr 2024 14:28

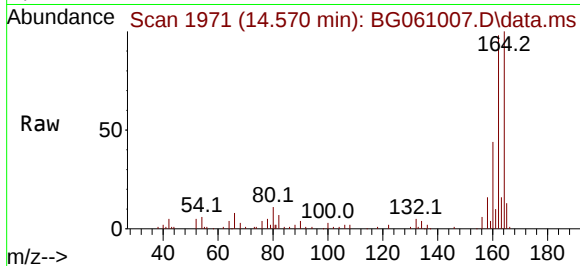
Tgt Ion:165 Resp: 8529
Ion Ratio Lower Upper
165 100
63 0.0 59.6 89.4#
89 0.0 49.4 74.0#



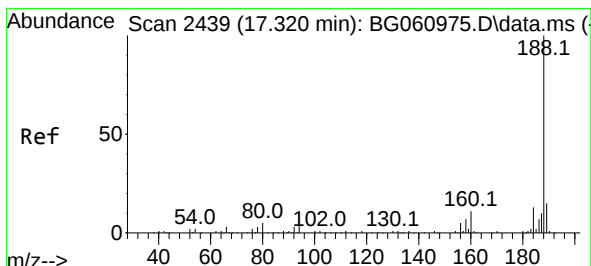
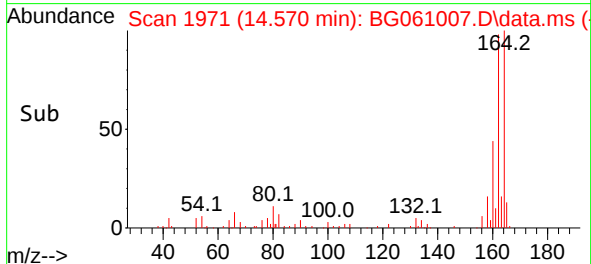
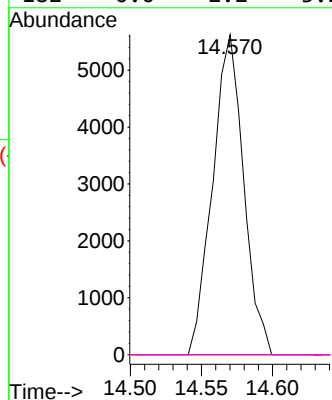


#57
2,4-Dinitrotoluene
Concen: 5.479 ng
RT: 14.570 min Scan# 1971
Delta R.T. -0.359 min
Lab File: BG061007.D
Acq: 23 Apr 2024 14:28

Instrument :
BNA_G
ClientSampleId :
LKWD-BACKFILL-20

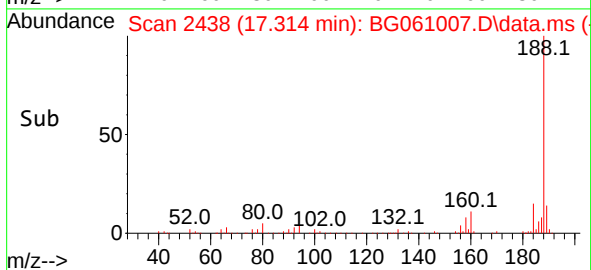
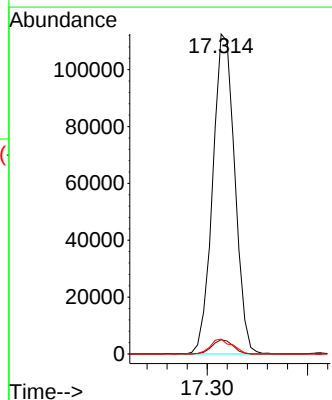
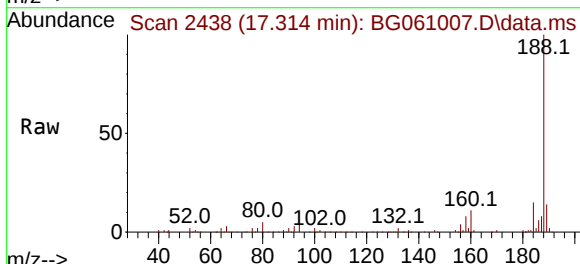


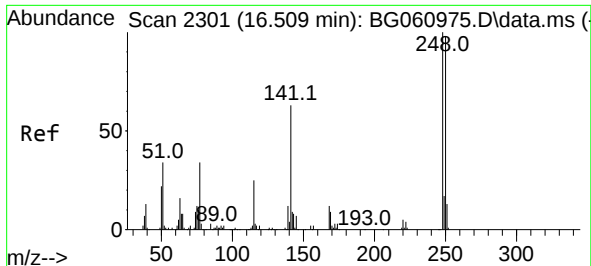
Tgt Ion:165 Resp: 8529
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 0.0 58.4 87.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.314 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG061007.D
Acq: 23 Apr 2024 14:28

Tgt Ion:188 Resp: 171744
Ion Ratio Lower Upper
188 100
94 4.4 4.1 6.1
80 4.6 4.0 6.0

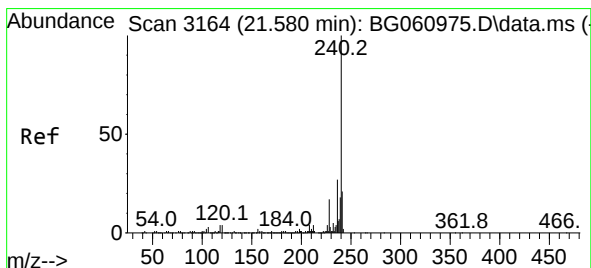
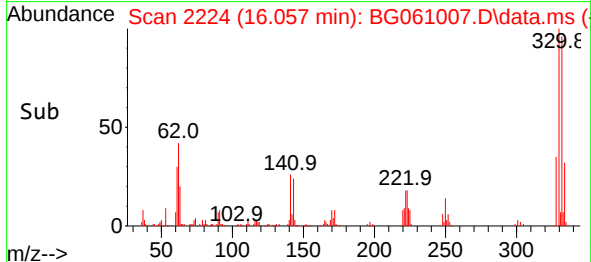
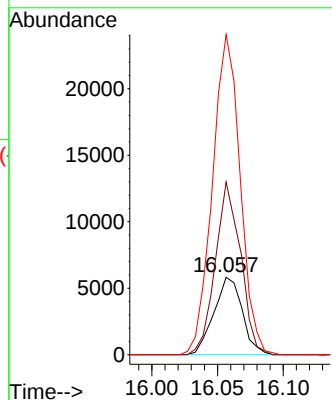
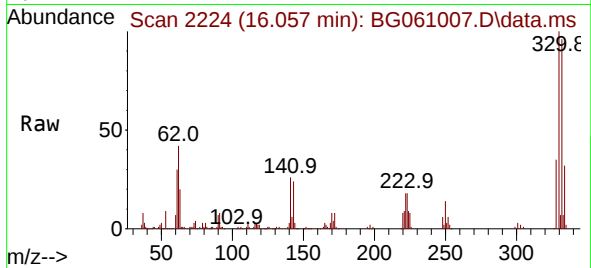




#67
4-Bromophenyl-phenylether
Concen: 3.845 ng
RT: 16.057 min Scan# 211
Delta R.T. -0.453 min
Lab File: BG061007.D
Acq: 23 Apr 2024 14:28

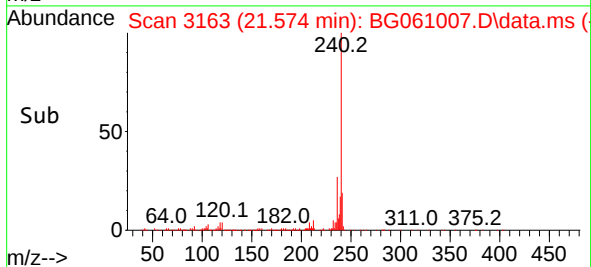
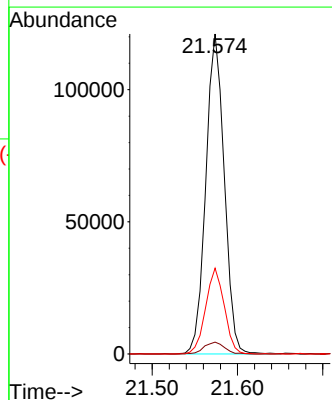
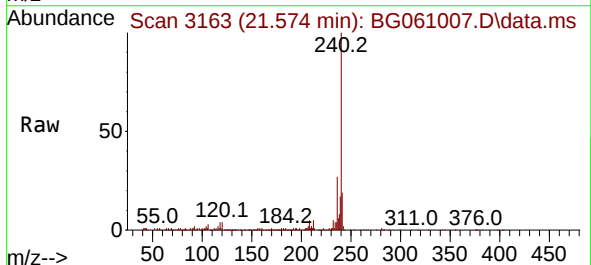
Instrument :
BNA_G
ClientSampleId :
LKWD-BACKFILL-20

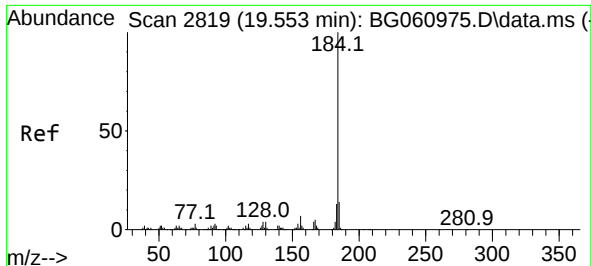
Tgt Ion:248 Resp: 8714
Ion Ratio Lower Upper
248 100
250 223.1 78.7 118.1#
141 413.6 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG061007.D
Acq: 23 Apr 2024 14:28

Tgt Ion:240 Resp: 182021
Ion Ratio Lower Upper
240 100
120 3.7 3.0 4.6
236 26.8 21.8 32.6

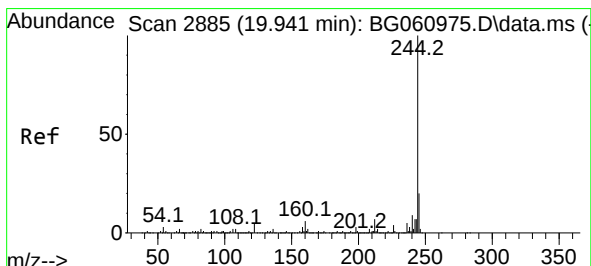
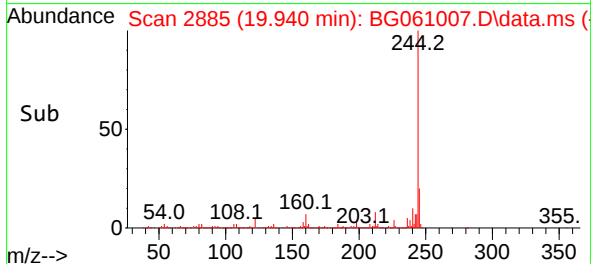
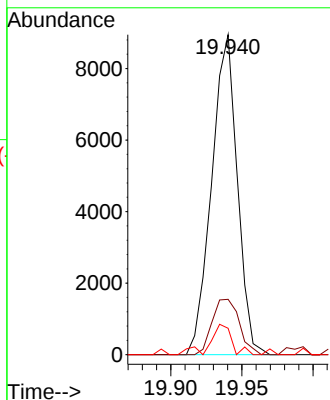
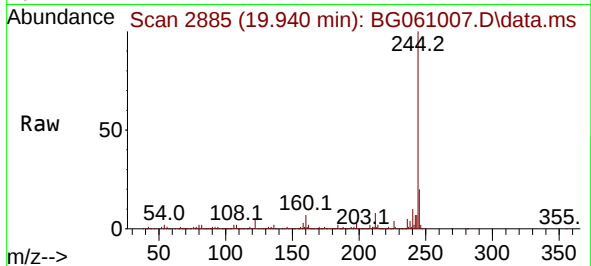




#77
Benzidine
Concen: 3.330 ng
RT: 19.940 min Scan# 2819
Delta R.T. 0.387 min
Lab File: BG061007.D
Acq: 23 Apr 2024 14:28

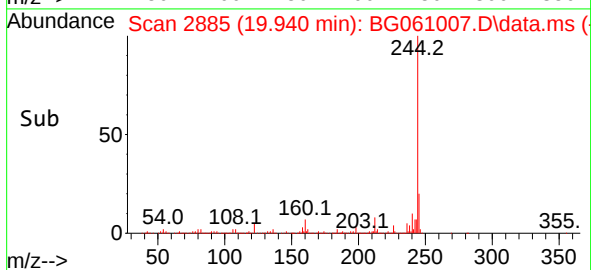
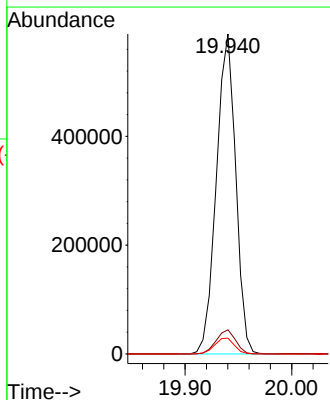
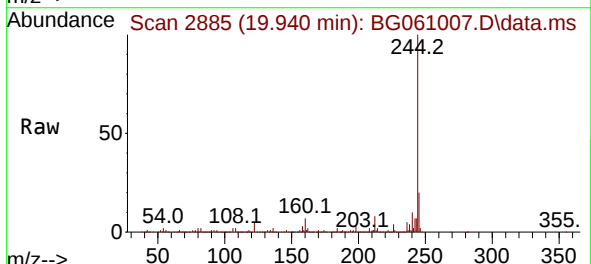
Instrument :
BNA_G
ClientSampleId :
LKWD-BACKFILL-20

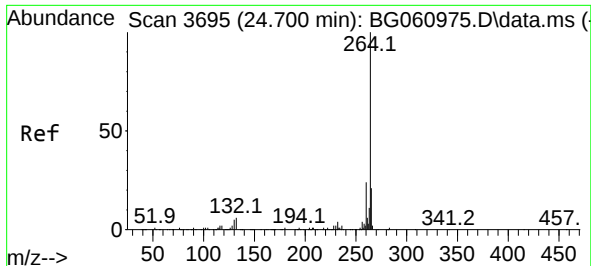
Tgt Ion:184 Resp: 11231
Ion Ratio Lower Upper
184 100
185 17.3 11.3 16.9#
183 8.3 10.2 15.2#



#79
Terphenyl-d14
Concen: 63.200 ng
RT: 19.940 min Scan# 2885
Delta R.T. -0.000 min
Lab File: BG061007.D
Acq: 23 Apr 2024 14:28

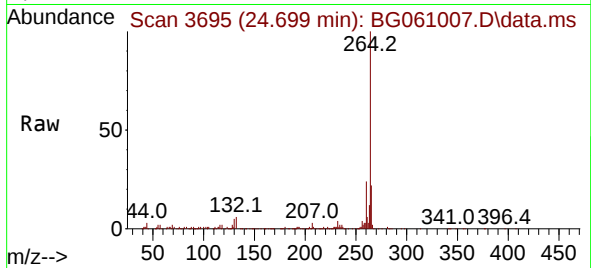
Tgt Ion:244 Resp: 741112
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 5.0 4.2 6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.699 min Scan# 30
Delta R.T. -0.000 min
Lab File: BG061007.D
Acq: 23 Apr 2024 14:28

Instrument :
BNA_G
ClientSampleId :
LKWD-BACKFILL-20



Tgt Ion:264 Resp: 223081

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.5	17.0	25.4

