

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042324\
 Data File : BG061006.D
 Acq On : 23 Apr 2024 13:47
 Operator : MA/JU
 Sample : P2177-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LKWD-BACKFILL-19

Quant Time: Apr 23 14:44:47 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)

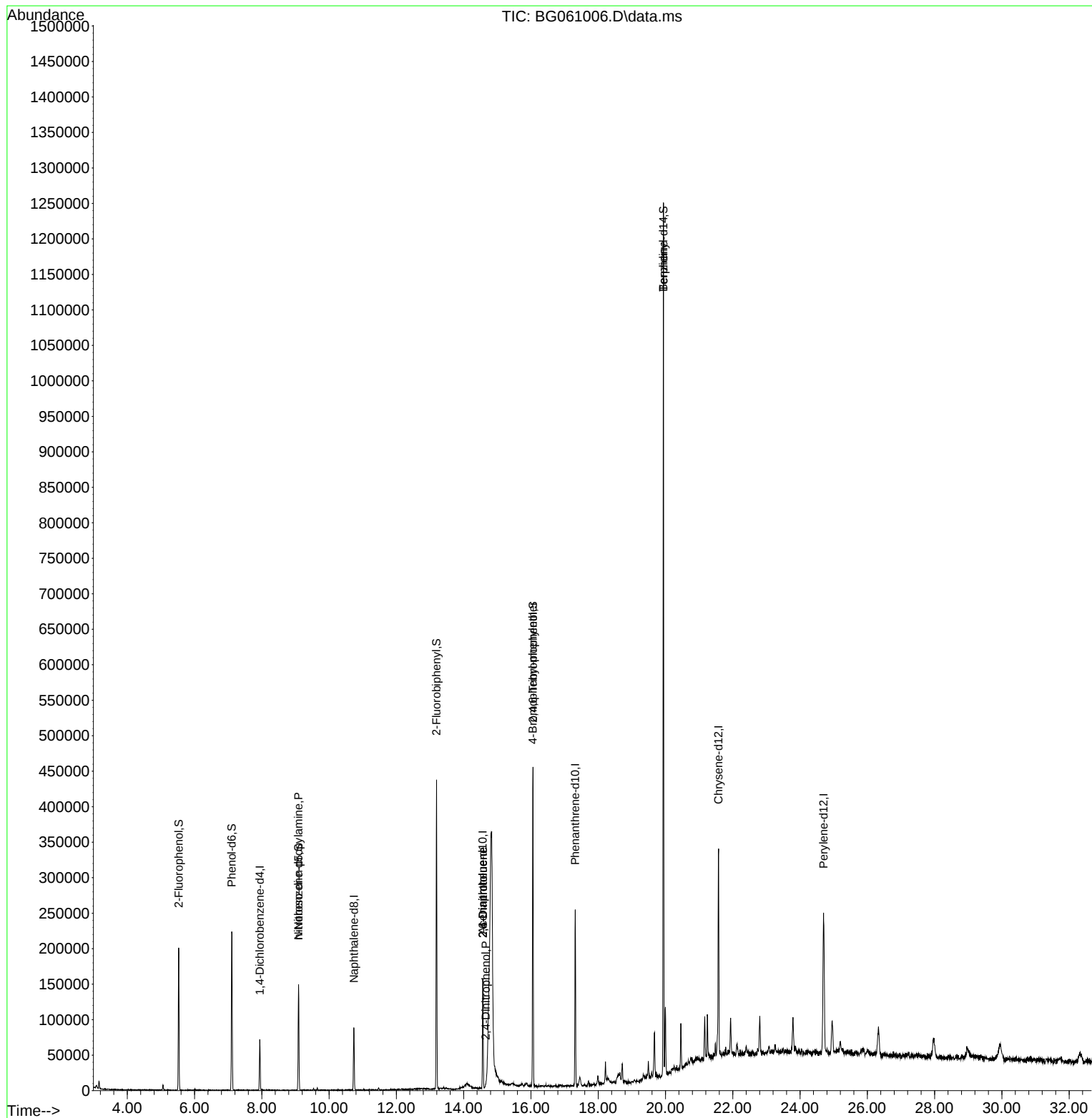
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	17625	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	68982	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	58261	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	161486	20.000	ng	0.00
76) Chrysene-d12	21.577	240	182134	20.000	ng	0.00
86) Perylene-d12	24.697	264	227943	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.531	112	70304	80.685	ng	0.00
7) Phenol-d6	7.106	99	100754	77.933	ng	0.00
23) Nitrobenzene-d5	9.092	82	72054	46.930	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	99991	78.157	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	214435	50.940	ng	0.00
79) Terphenyl-d14	19.938	244	603590	51.441	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.092	70	11316	11.745	ng	# 66
51) 2,6-Dinitrotoluene	14.574	165	7556	7.538	ng	# 16
54) 2,4-Dinitrophenol	14.656	184	71	5.666	ng	# 12
57) 2,4-Dinitrotoluene	14.574	165	7556	5.234	ng	# 19
67) 4-Bromophenyl-phenylether	16.054	248	5881	2.759	ng	# 1
77) Benzidine	19.938	184	10128	3.001	ng	# 93

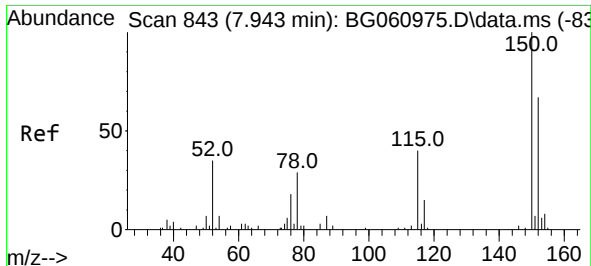
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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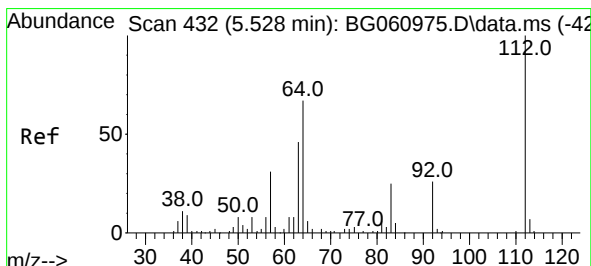
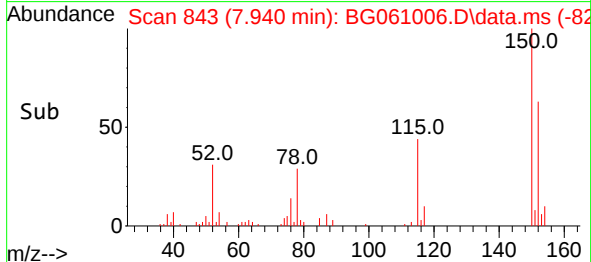
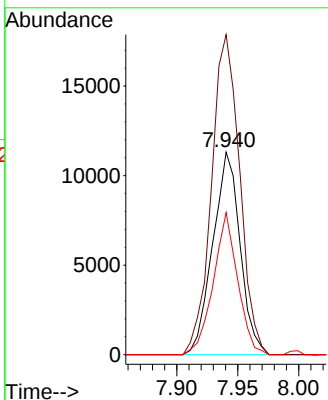
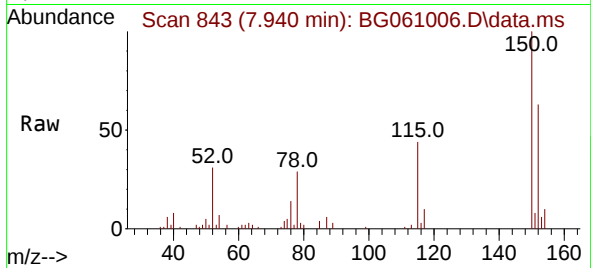




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 843
Delta R.T. -0.003 min
Lab File: BG061006.D
Acq: 23 Apr 2024 13:47

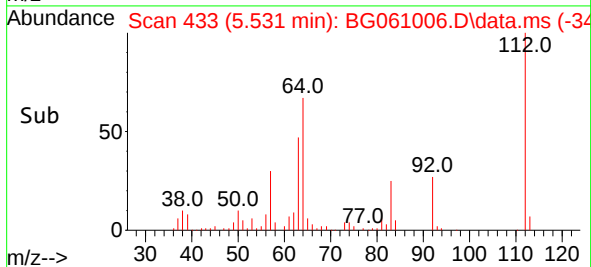
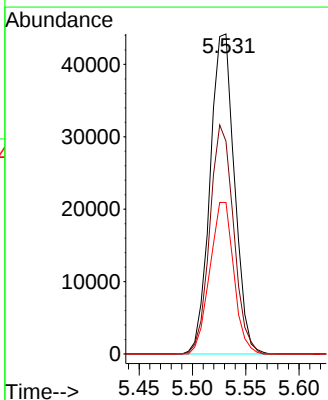
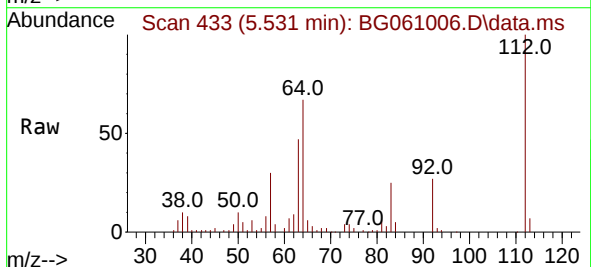
Instrument :
BNA_G
ClientSampleId :
LKWD-BACKFILL-19

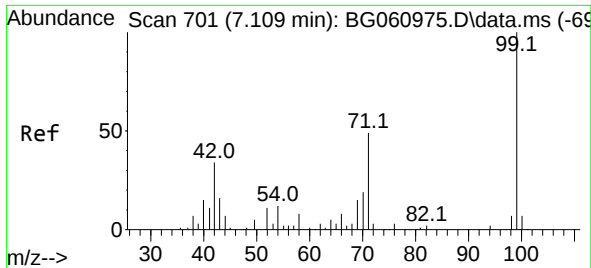
Tgt Ion:152 Resp: 17625
Ion Ratio Lower Upper
152 100
150 157.9 118.6 178.0
115 70.1 47.4 71.0



#5
2-Fluorophenol
Concen: 80.685 ng
RT: 5.531 min Scan# 433
Delta R.T. 0.003 min
Lab File: BG061006.D
Acq: 23 Apr 2024 13:47

Tgt Ion:112 Resp: 70304
Ion Ratio Lower Upper
112 100
64 66.5 53.7 80.5
63 47.4 37.0 55.6

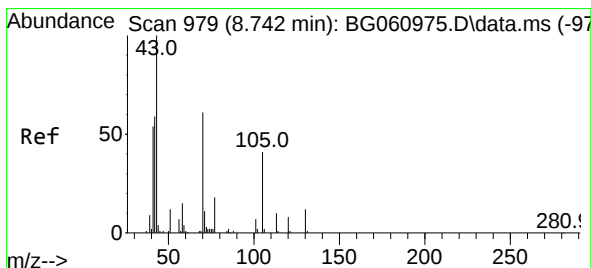
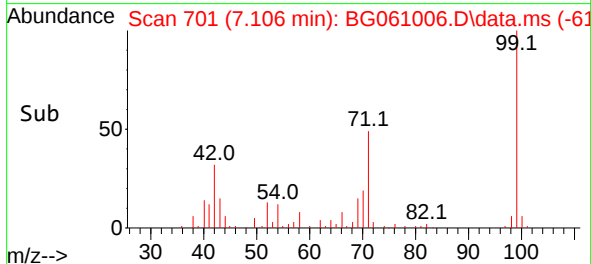
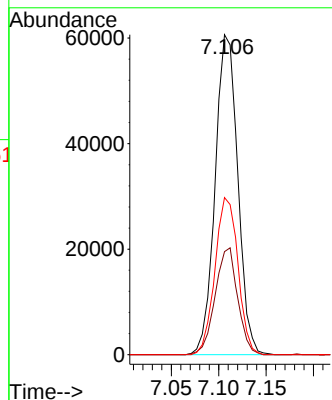
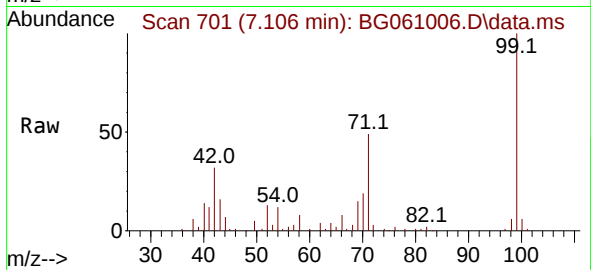




#7
Phenol-d6
Concen: 77.933 ng
RT: 7.106 min Scan# 701
Delta R.T. -0.003 min
Lab File: BG061006.D
Acq: 23 Apr 2024 13:47

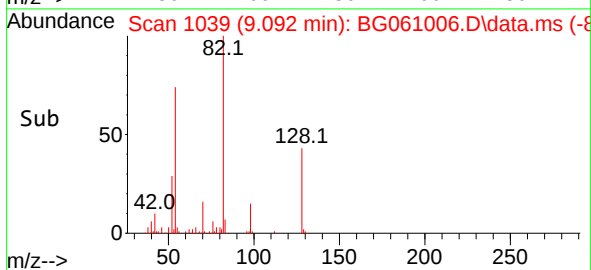
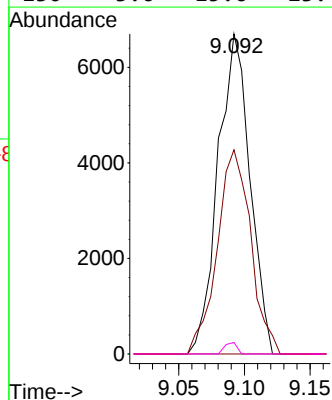
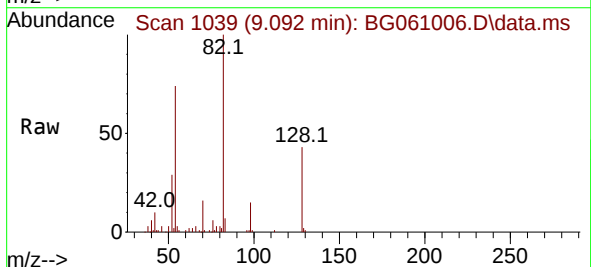
Instrument :
BNA_G
ClientSampleId :
LKWD-BACKFILL-19

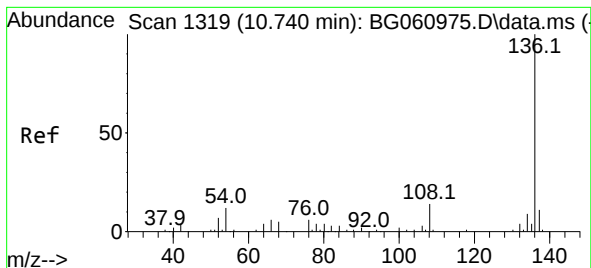
Tgt Ion: 99 Resp: 100754
Ion Ratio Lower Upper
99 100
42 32.2 27.2 40.8
71 49.1 38.8 58.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.745 ng
RT: 9.092 min Scan# 1039
Delta R.T. 0.350 min
Lab File: BG061006.D
Acq: 23 Apr 2024 13:47

Tgt Ion: 70 Resp: 11316
Ion Ratio Lower Upper
70 100
42 63.8 78.0 117.0#
101 0.0 8.6 13.0#
130 3.6 15.6 23.4#

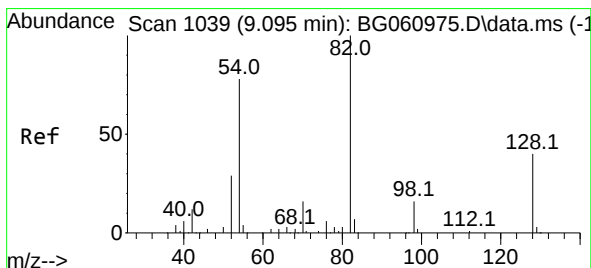
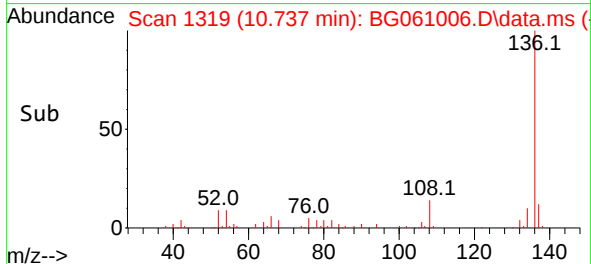
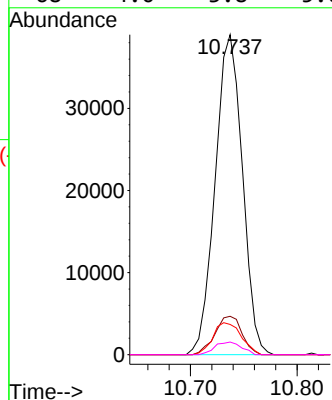
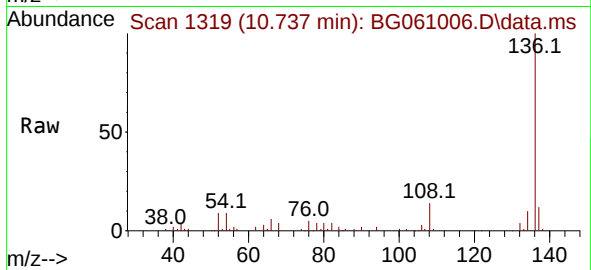




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1319
Delta R.T. -0.003 min
Lab File: BG061006.D
Acq: 23 Apr 2024 13:47

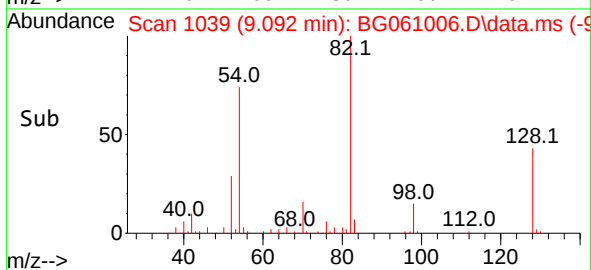
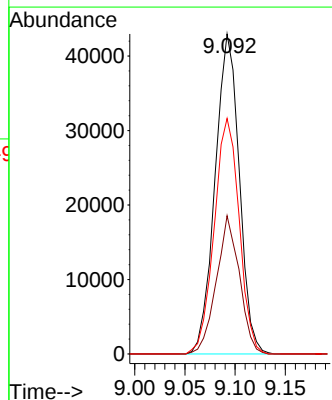
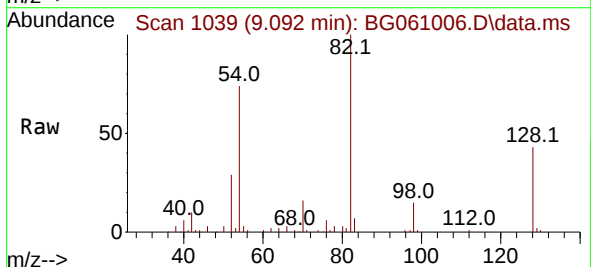
Instrument :
BNA_G
ClientSampleId :
LKWD-BACKFILL-19

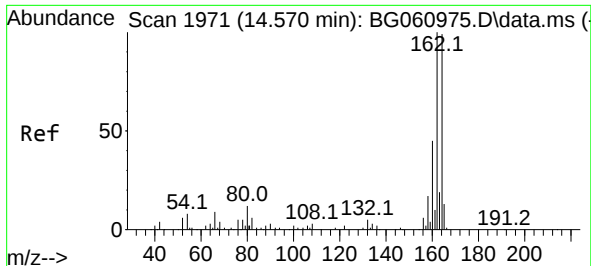
Tgt Ion:	136	Resp:	68982
Ion Ratio	Lower	Upper	
136	100		
137	12.0	8.5	12.7
54	9.4	9.4	14.0
68	4.0	3.8	5.6



#23
Nitrobenzene-d5
Concen: 46.930 ng
RT: 9.092 min Scan# 1039
Delta R.T. -0.003 min
Lab File: BG061006.D
Acq: 23 Apr 2024 13:47

Tgt Ion:	82	Resp:	72054
Ion Ratio	Lower	Upper	
82	100		
128	43.2	32.1	48.1
54	73.6	62.3	93.5

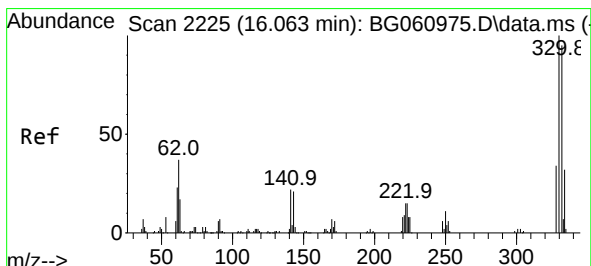
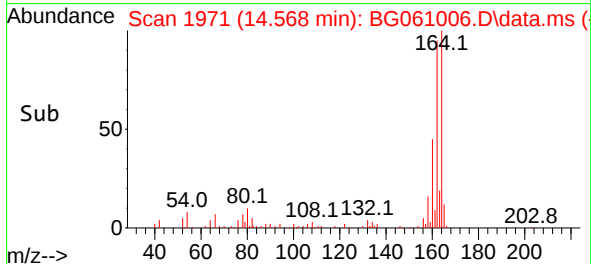
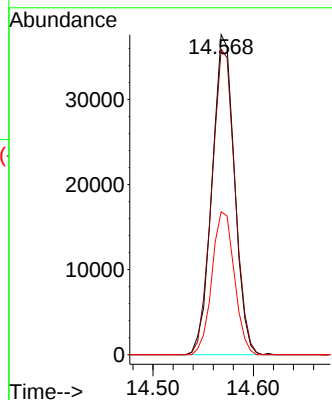
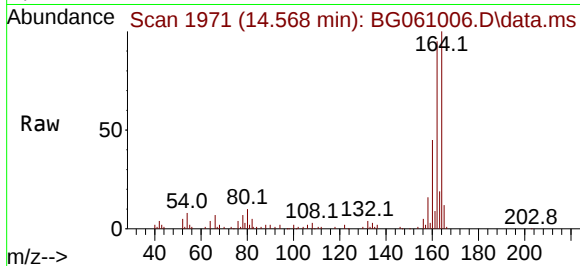




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG061006.D
Acq: 23 Apr 2024 13:47

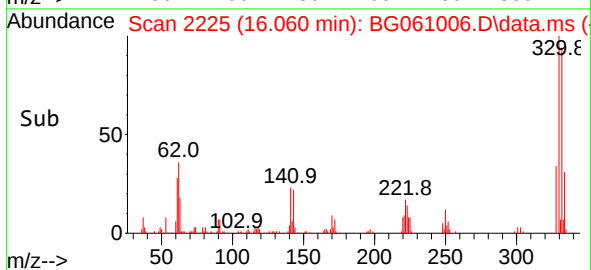
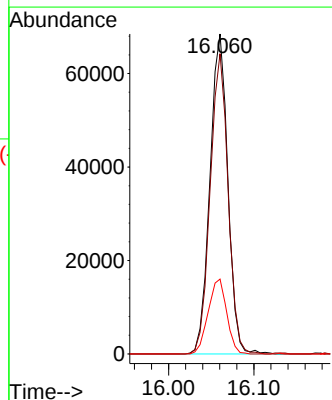
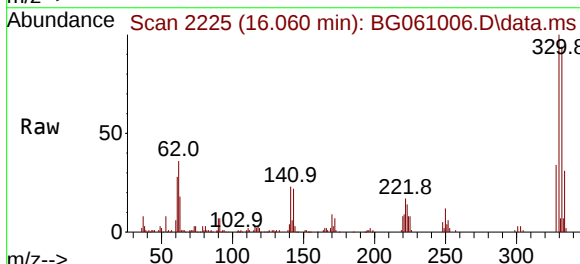
Instrument :
BNA_G
ClientSampleId :
LKWD-BACKFILL-19

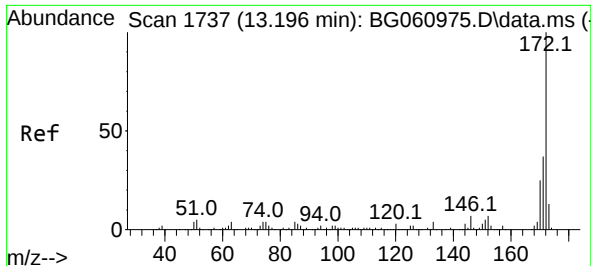
Tgt Ion:164 Resp: 58261
Ion Ratio Lower Upper
164 100
162 95.5 81.2 121.8
160 44.7 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 78.157 ng
RT: 16.060 min Scan# 2225
Delta R.T. -0.003 min
Lab File: BG061006.D
Acq: 23 Apr 2024 13:47

Tgt Ion:330 Resp: 99991
Ion Ratio Lower Upper
330 100
332 93.7 77.1 115.7
141 24.2 20.6 31.0

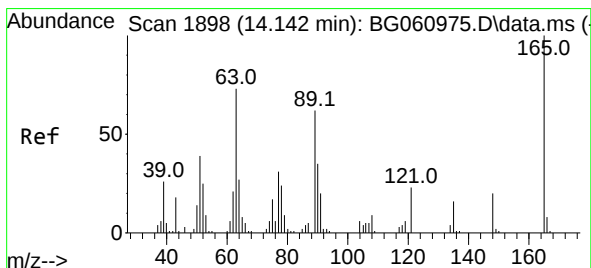
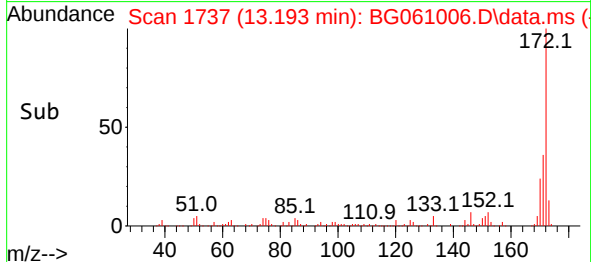
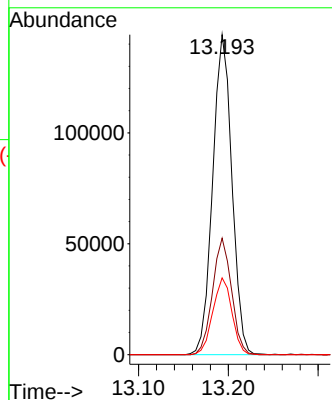
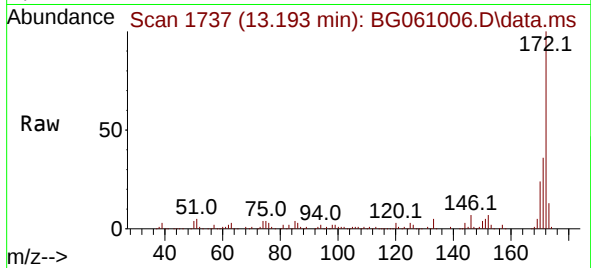




#45
2-Fluorobiphenyl
Concen: 50.940 ng
RT: 13.193 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG061006.D
Acq: 23 Apr 2024 13:47

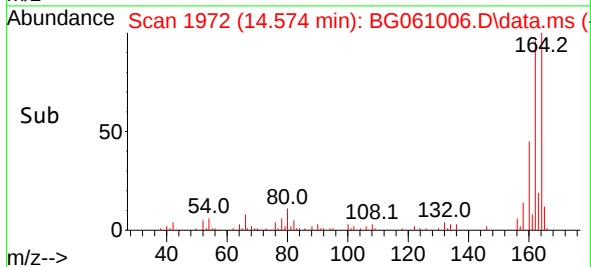
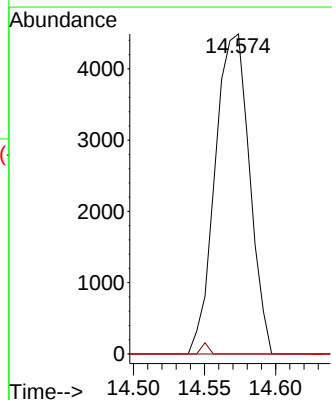
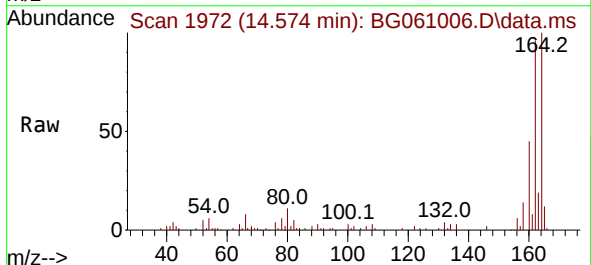
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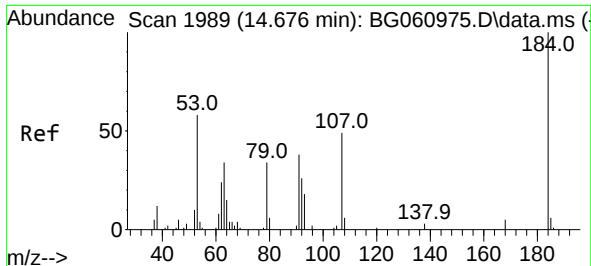
Tgt Ion:172 Resp: 214435
Ion Ratio Lower Upper
172 100
171 36.4 29.3 43.9
170 24.0 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.538 ng
RT: 14.574 min Scan# 1972
Delta R.T. 0.432 min
Lab File: BG061006.D
Acq: 23 Apr 2024 13:47

Tgt Ion:165 Resp: 7556
Ion Ratio Lower Upper
165 100
63 0.0 59.6 89.4#
89 0.0 49.4 74.0#

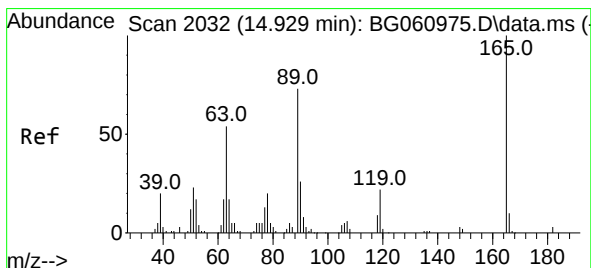
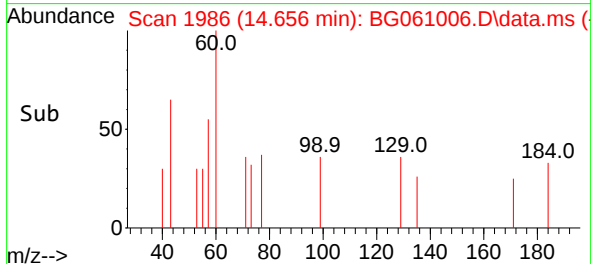
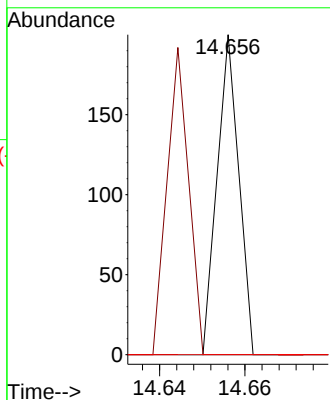
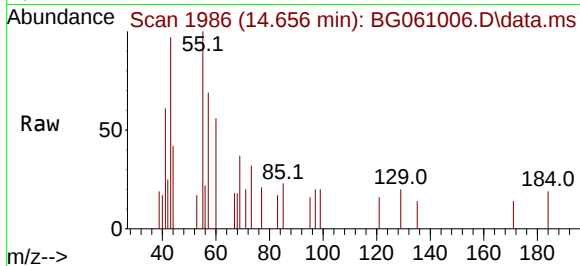




#54
2,4-Dinitrophenol
Concen: 5.666 ng
RT: 14.656 min Scan# 1986
Delta R.T. -0.020 min
Lab File: BG061006.D
Acq: 23 Apr 2024 13:47

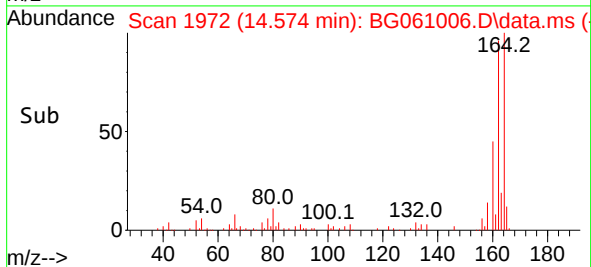
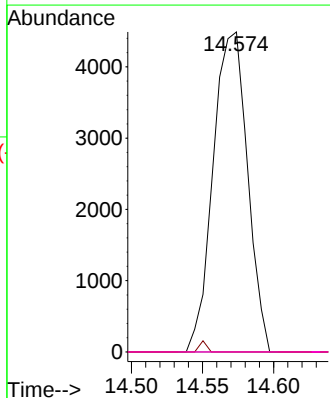
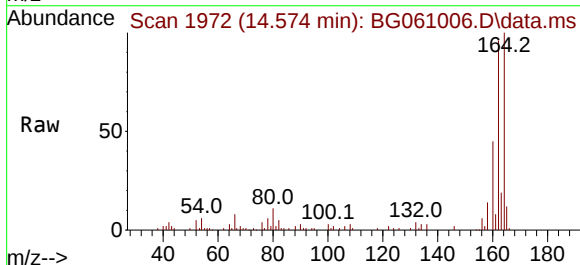
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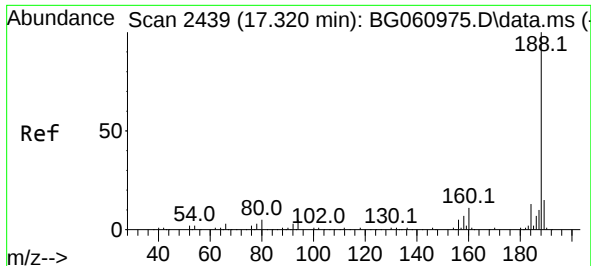
Tgt Ion:184 Resp: 71
Ion Ratio Lower Upper
184 100
63 0.0 59.0 88.6#
154 0.0 61.2 91.8#



#57
2,4-Dinitrotoluene
Concen: 5.234 ng
RT: 14.574 min Scan# 1972
Delta R.T. -0.355 min
Lab File: BG061006.D
Acq: 23 Apr 2024 13:47

Tgt Ion:165 Resp: 7556
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#

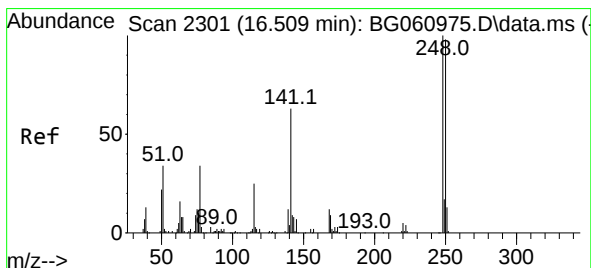
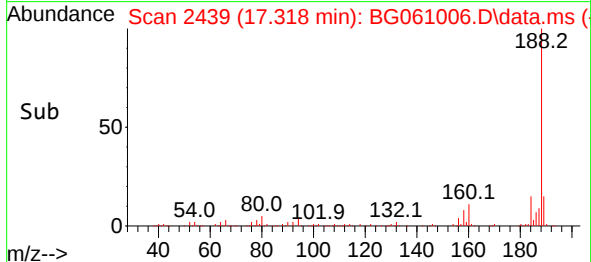
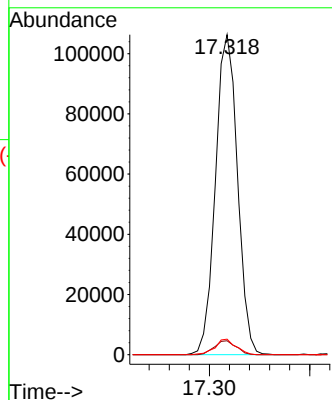
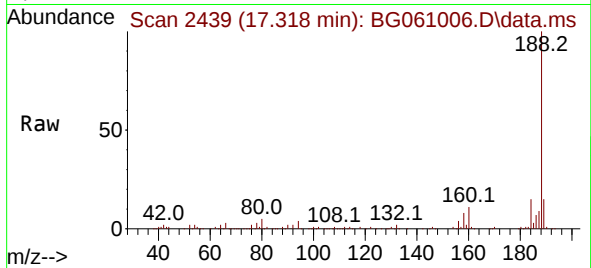




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG061006.D
Acq: 23 Apr 2024 13:47

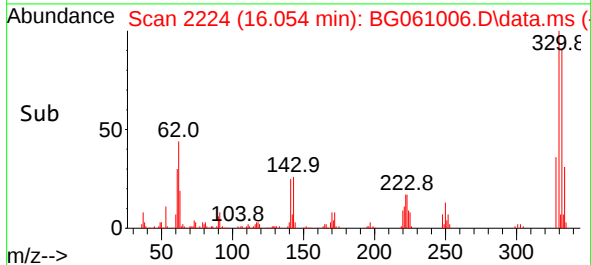
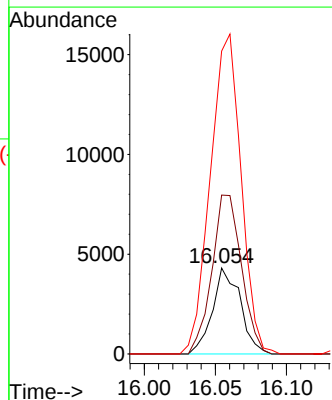
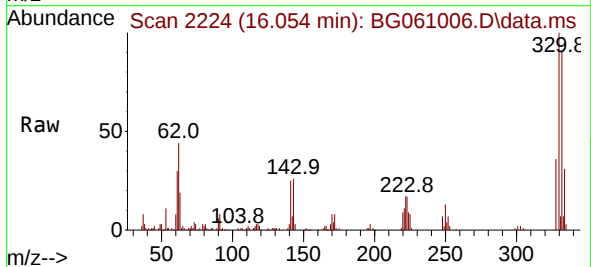
Instrument :
BNA_G
ClientSampleId :
LKWD-BACKFILL-19

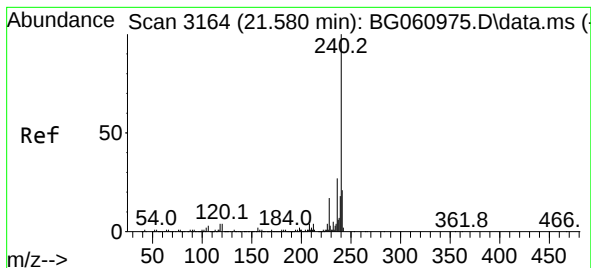
Tgt Ion:188 Resp: 161486
Ion Ratio Lower Upper
188 100
94 4.3 4.1 6.1
80 4.9 4.0 6.0



#67
4-Bromophenyl-phenylether
Concen: 2.759 ng
RT: 16.054 min Scan# 2224
Delta R.T. -0.455 min
Lab File: BG061006.D
Acq: 23 Apr 2024 13:47

Tgt Ion:248 Resp: 5881
Ion Ratio Lower Upper
248 100
250 185.0 78.7 118.1#
141 352.7 50.4 75.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.577 min Scan# 3164

Delta R.T. -0.003 min

Lab File: BG061006.D

Acq: 23 Apr 2024 13:47

Instrument :

BNA_G

ClientSampleId :

LKWD-BACKFILL-19

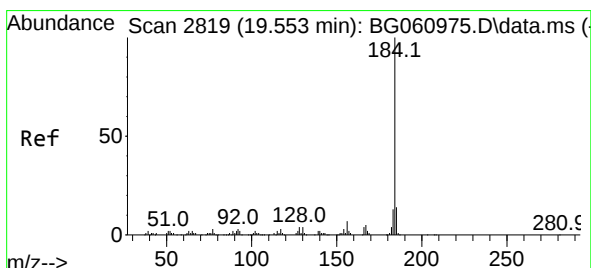
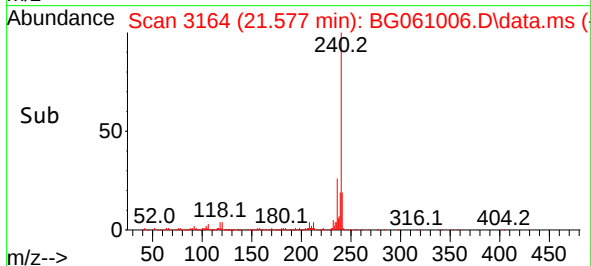
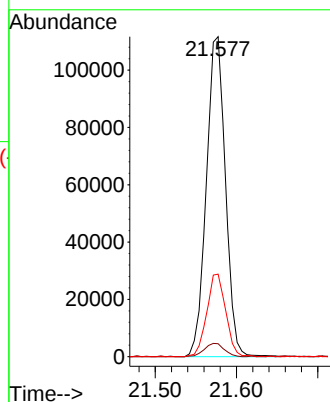
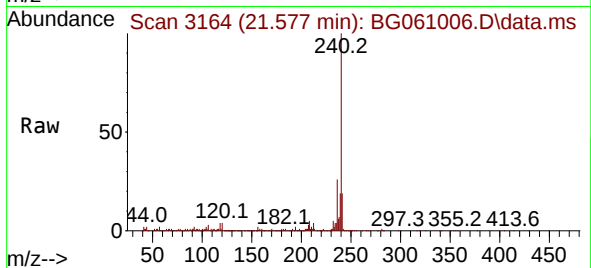
Tgt Ion:240 Resp: 182134

Ion Ratio Lower Upper

240 100

120 4.0 3.0 4.6

236 25.8 21.8 32.6



#77

Benzidine

Concen: 3.001 ng

RT: 19.938 min Scan# 2885

Delta R.T. 0.385 min

Lab File: BG061006.D

Acq: 23 Apr 2024 13:47

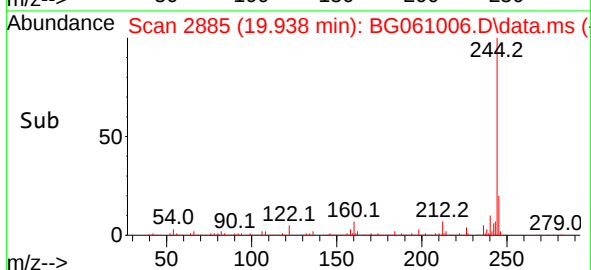
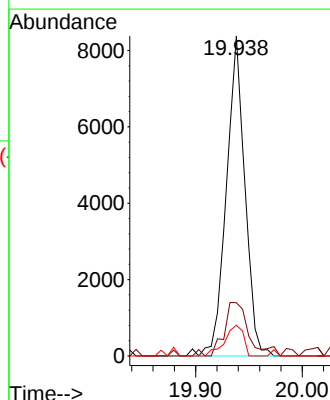
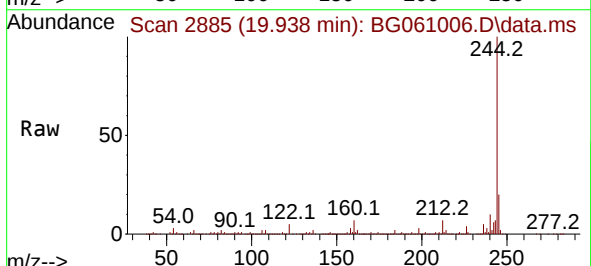
Tgt Ion:184 Resp: 10128

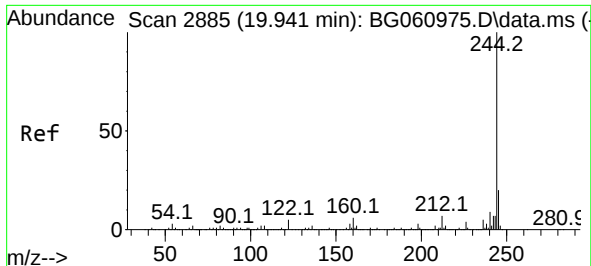
Ion Ratio Lower Upper

184 100

185 16.7 11.3 16.9

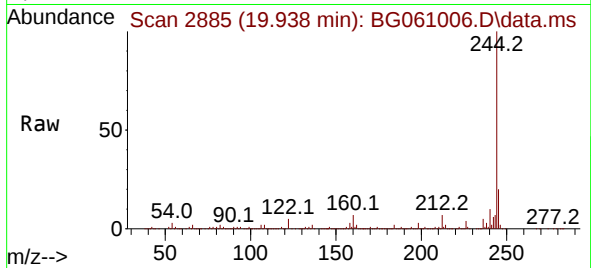
183 9.6 10.2 15.2#



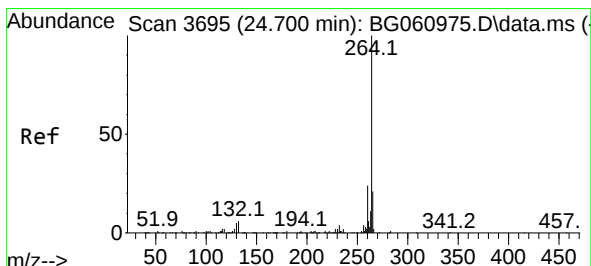
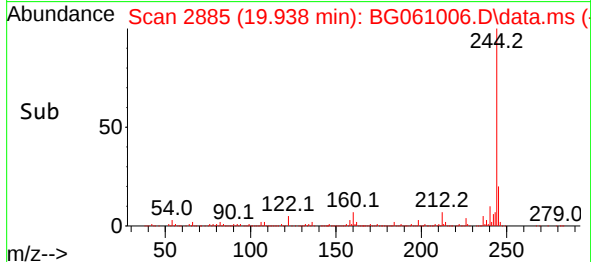
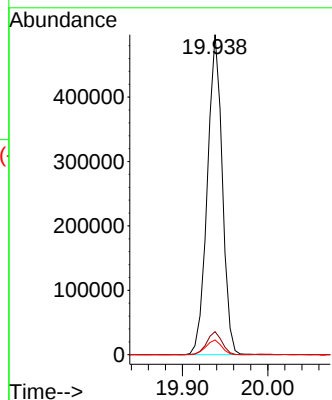


#79
 Terphenyl-d14
 Concen: 51.441 ng
 RT: 19.938 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG061006.D
 Acq: 23 Apr 2024 13:47

Instrument :
 BNA_G
 ClientSampleId :
 LKWD-BACKFILL-19



Tgt Ion:244 Resp: 603590
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 4.6 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.697 min Scan# 3695
 Delta R.T. -0.003 min
 Lab File: BG061006.D
 Acq: 23 Apr 2024 13:47

Tgt Ion:264 Resp: 227943
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.4 29.2
 265 20.8 17.0 25.4

