

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
 Data File : BG054774.D
 Acq On : 29 Aug 2022 16:00
 Operator : CG/JU
 Sample : N4355-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-37

Quant Time: Aug 30 02:48:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

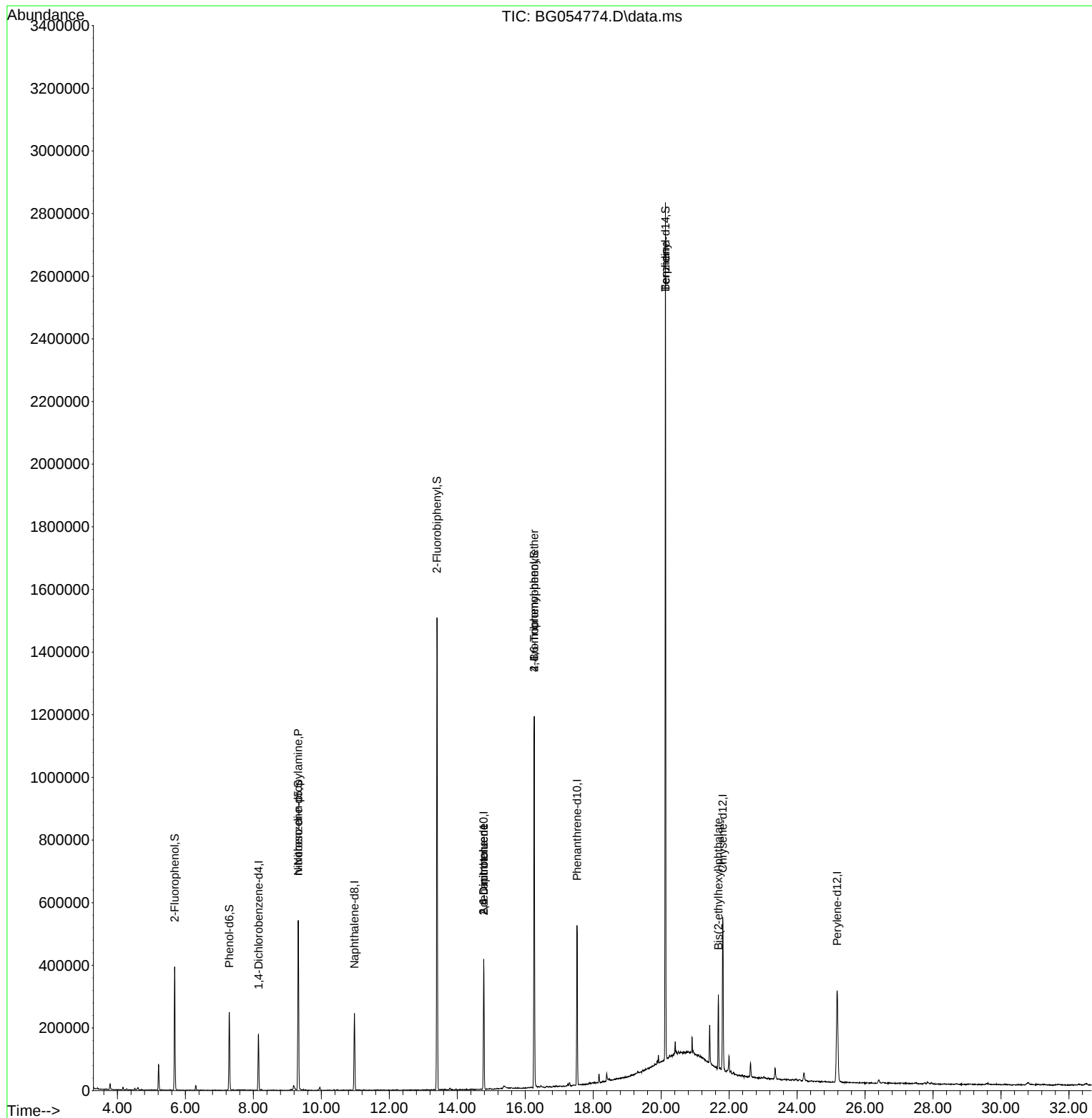
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	54406	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	222073	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	149428	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	334617	20.000	ng	0.00
76) Chrysene-d12	21.813	240	313817	20.000	ng	-0.01
86) Perylene-d12	25.180	264	329719	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	182113	58.289	ng	0.00
7) Phenol-d6	7.295	99	159114	37.239	ng	0.00
23) Nitrobenzene-d5	9.322	82	343447	81.188	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	245185	131.312	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	811788	81.653	ng	0.00
79) Terphenyl-d14	20.127	244	1292875	81.630	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.322	70	43444	14.786	ng	# 79
51) 2,6-Dinitrotoluene	14.780	165	19689	8.362	ng	# 23
57) 2,4-Dinitrotoluene	14.780	165	19689	6.045	ng	# 20
67) 4-Bromophenyl-phenylether	16.267	248	16702	4.546	ng	# 1
77) Benzidine	20.127	184	20758	2.671	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.684	149	103295	7.855	ng	100

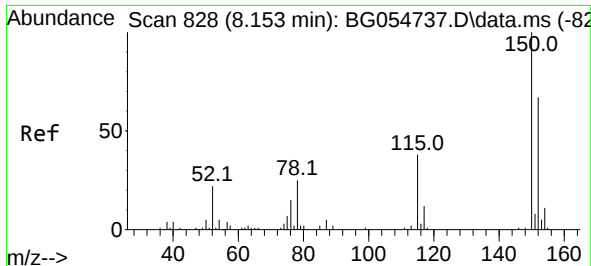
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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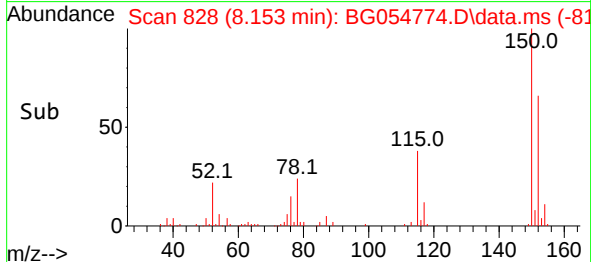
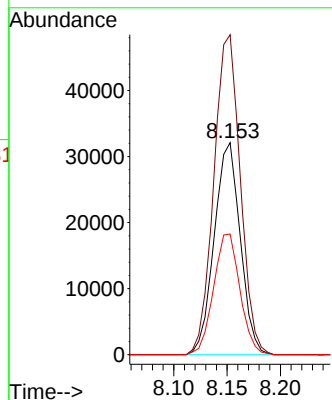
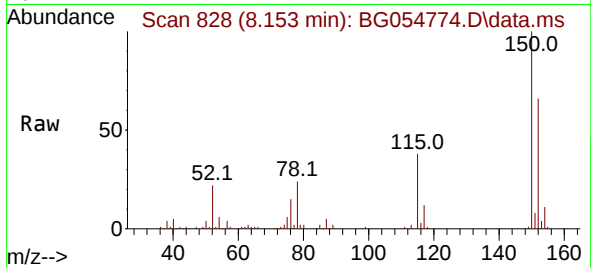




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.153 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BG054774.D
 Acq: 29 Aug 2022 16:00

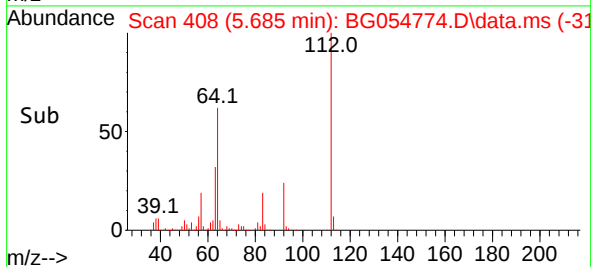
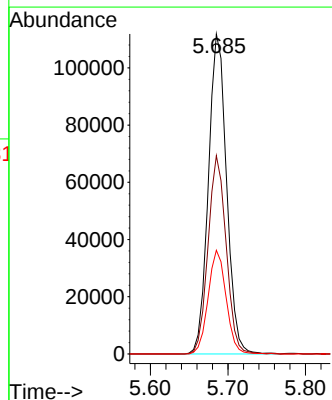
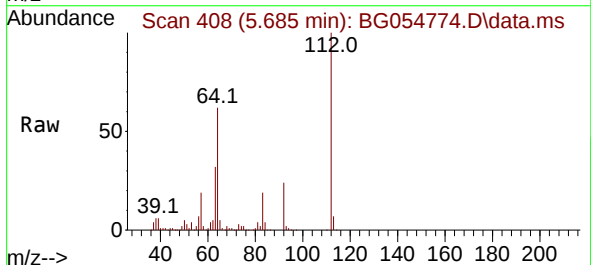
Instrument :
 BNA_G
 ClientSampleId :
 MW-37

Tgt Ion:152 Resp: 54406
 Ion Ratio Lower Upper
 152 100
 150 150.9 125.2 187.8
 115 56.9 47.9 71.9



#5
 2-Fluorophenol
 Concen: 58.289 ng
 RT: 5.685 min Scan# 408
 Delta R.T. -0.001 min
 Lab File: BG054774.D
 Acq: 29 Aug 2022 16:00

Tgt Ion:112 Resp: 182113
 Ion Ratio Lower Upper
 112 100
 64 62.0 49.3 73.9
 63 32.4 26.3 39.5

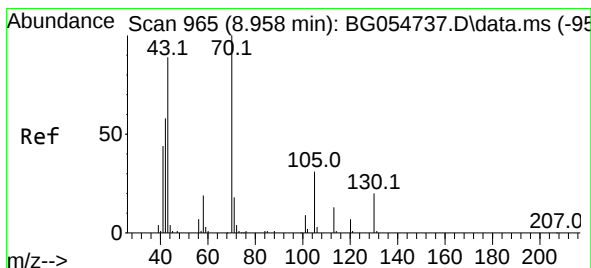
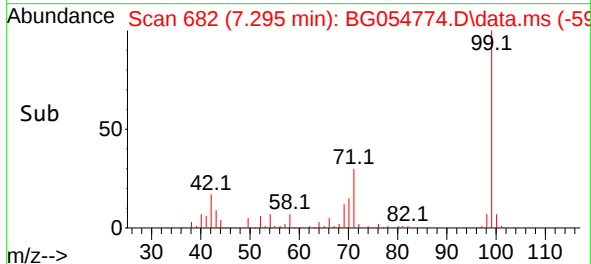
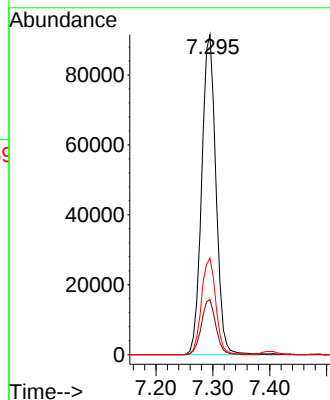
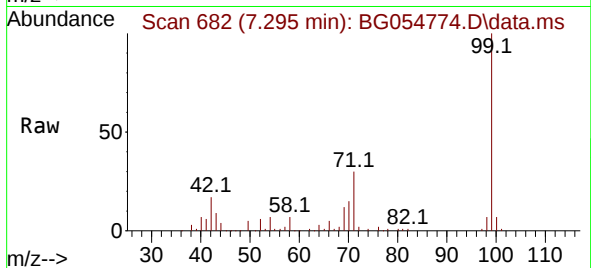




#7
Phenol-d6
Concen: 37.239 ng
RT: 7.295 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054774.D
Acq: 29 Aug 2022 16:00

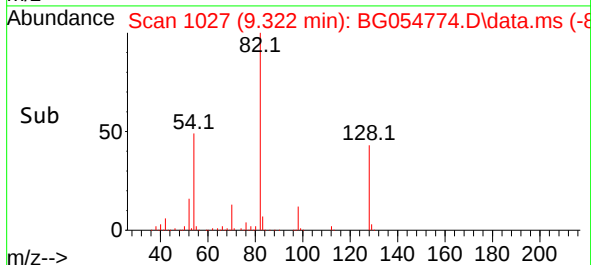
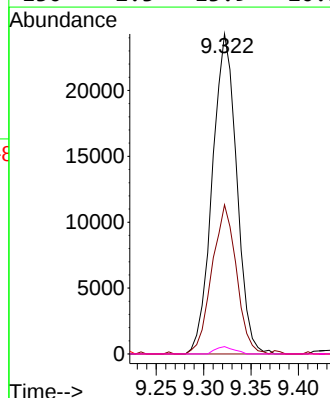
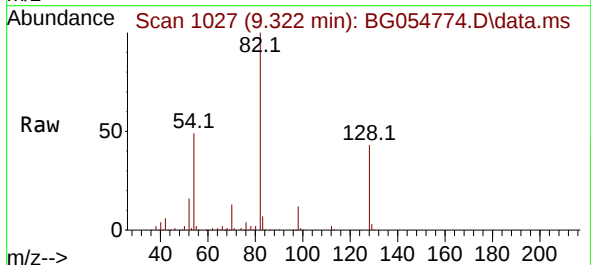
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BNA_G
ClientSampleId :
MW-37

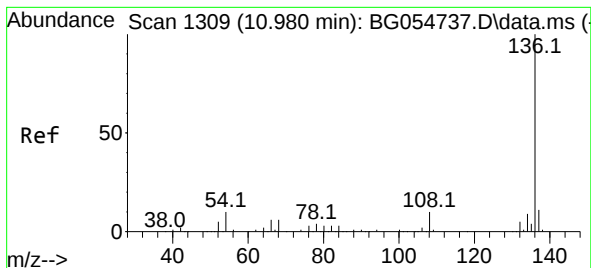
Tgt Ion: 99 Resp: 159114
Ion Ratio Lower Upper
99 100
42 17.2 14.6 22.0
71 30.1 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.786 ng
RT: 9.322 min Scan# 1027
Delta R.T. 0.364 min
Lab File: BG054774.D
Acq: 29 Aug 2022 16:00

Tgt Ion: 70 Resp: 43444
Ion Ratio Lower Upper
70 100
42 46.6 46.6 69.8
101 0.0 7.7 11.5#
130 2.3 13.9 20.9#

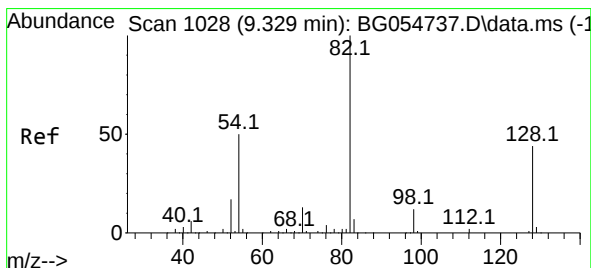
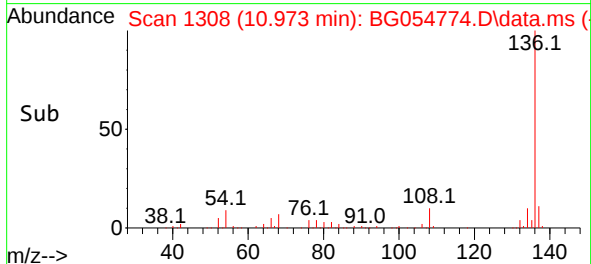
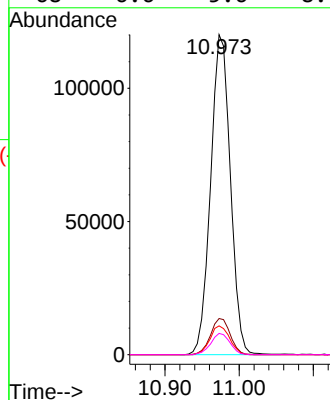
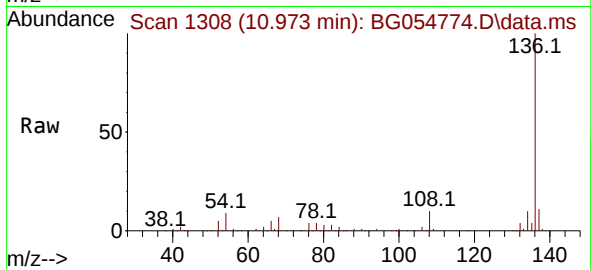




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054774.D
Acq: 29 Aug 2022 16:00

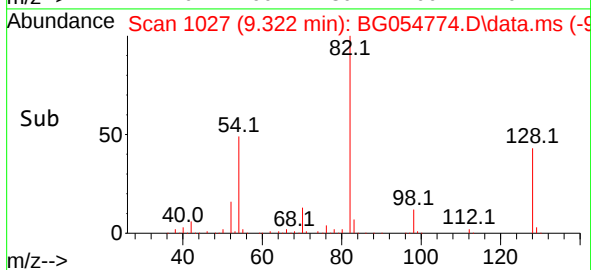
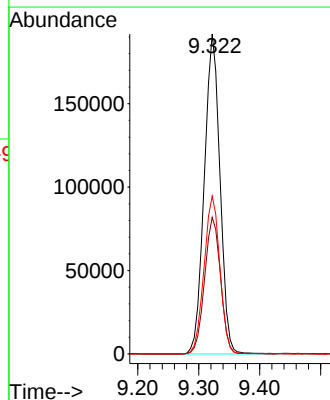
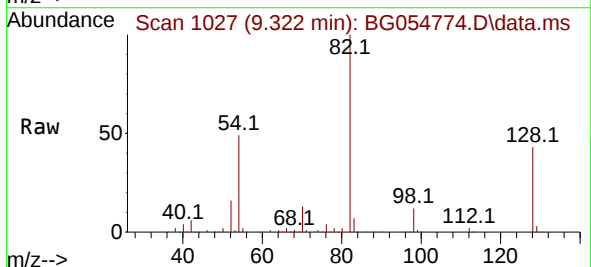
Instrument :
BNA_G
ClientSampleId :
MW-37

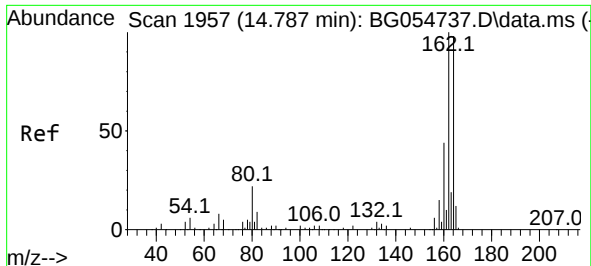
Tgt Ion:	136	Resp:	222073
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	9.0	7.7	11.5
68	6.6	5.6	8.4



#23
Nitrobenzene-d5
Concen: 81.188 ng
RT: 9.322 min Scan# 1027
Delta R.T. -0.007 min
Lab File: BG054774.D
Acq: 29 Aug 2022 16:00

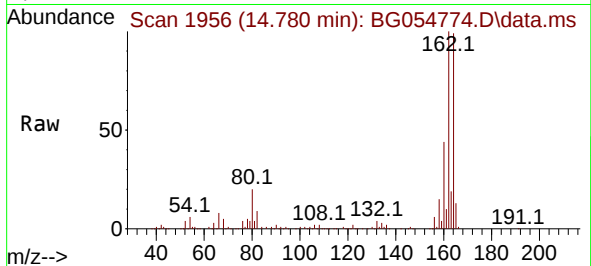
Tgt Ion:	82	Resp:	343447
Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.2	48.2
54	49.3	41.4	62.0



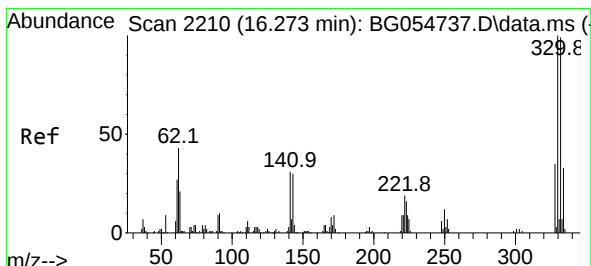
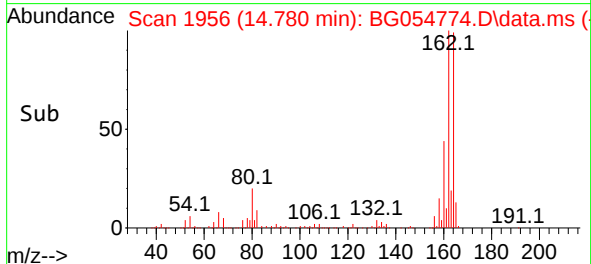
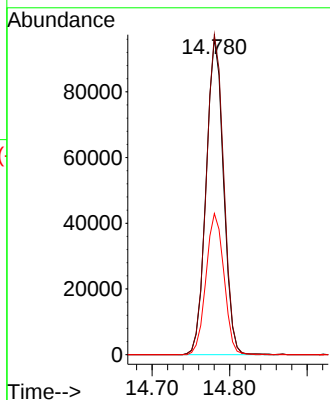


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1956
Delta R.T. -0.007 min
Lab File: BG054774.D
Acq: 29 Aug 2022 16:00

Instrument :
BNA_G
ClientSampleId :
MW-37

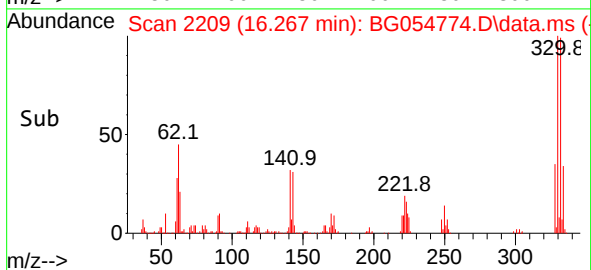
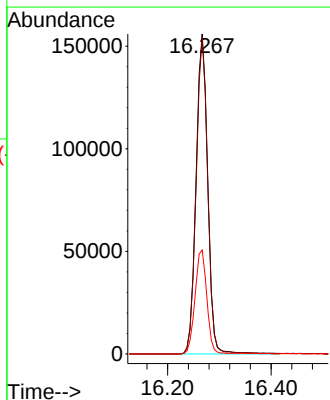
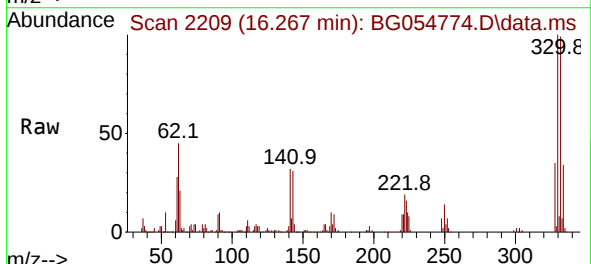


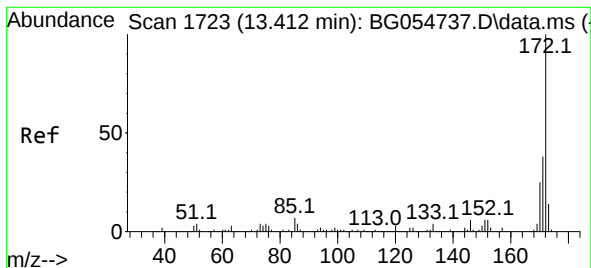
Tgt Ion:164 Resp: 149428
Ion Ratio Lower Upper
164 100
162 101.2 83.0 124.4
160 44.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 131.312 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.007 min
Lab File: BG054774.D
Acq: 29 Aug 2022 16:00

Tgt Ion:330 Resp: 245185
Ion Ratio Lower Upper
330 100
332 97.5 79.8 119.6
141 32.9 26.8 40.2

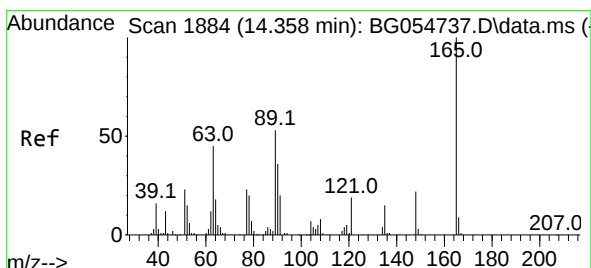
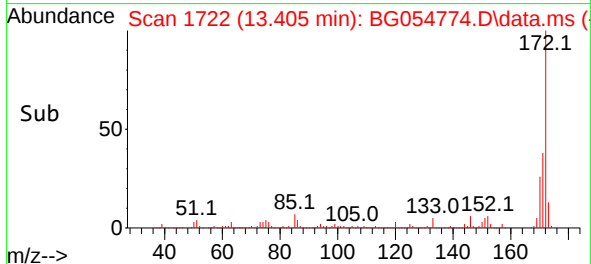
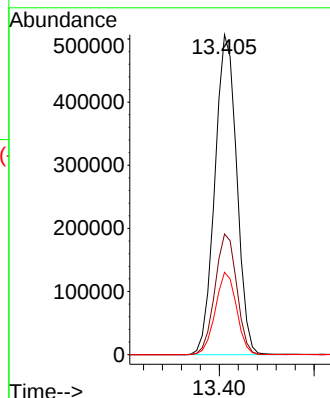
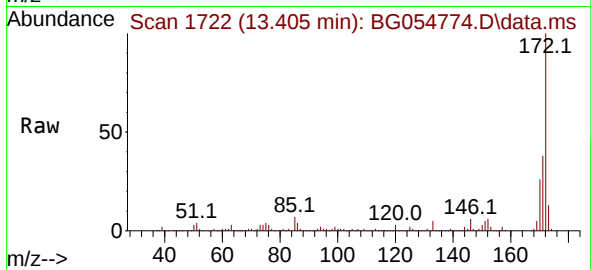




#45
2-Fluorobiphenyl
Concen: 81.653 ng
RT: 13.405 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054774.D
Acq: 29 Aug 2022 16:00

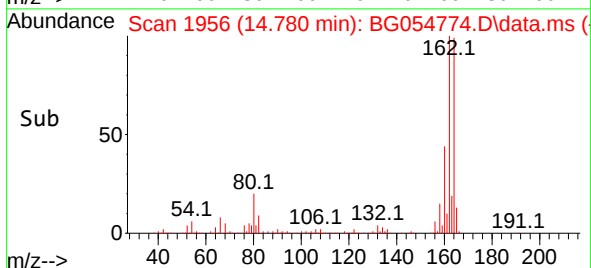
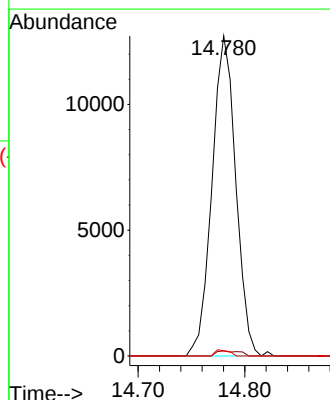
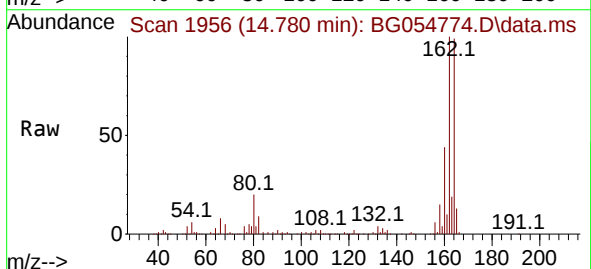
Instrument :
BNA_G
ClientSampleId :
MW-37

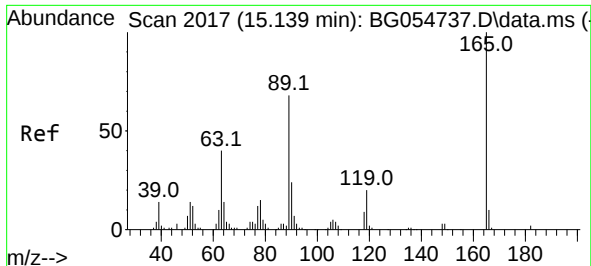
Tgt Ion:172 Resp: 811788
Ion Ratio Lower Upper
172 100
171 37.7 31.2 46.8
170 25.7 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.362 ng
RT: 14.780 min Scan# 1956
Delta R.T. 0.422 min
Lab File: BG054774.D
Acq: 29 Aug 2022 16:00

Tgt Ion:165 Resp: 19689
Ion Ratio Lower Upper
165 100
63 1.5 46.0 69.0#
89 1.6 50.3 75.5#

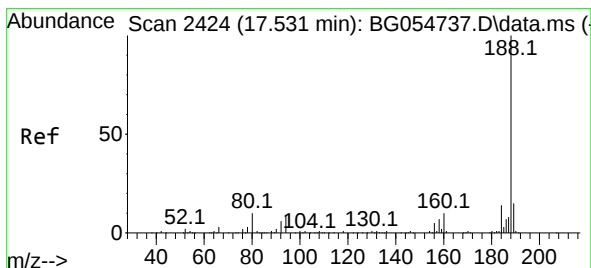
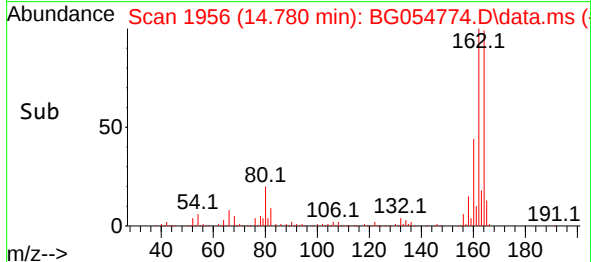
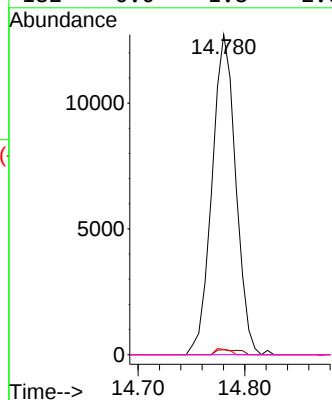
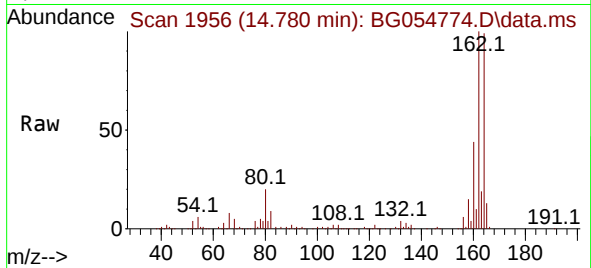




#57
2,4-Dinitrotoluene
Concen: 6.045 ng
RT: 14.780 min Scan# 1956
Delta R.T. -0.359 min
Lab File: BG054774.D
Acq: 29 Aug 2022 16:00

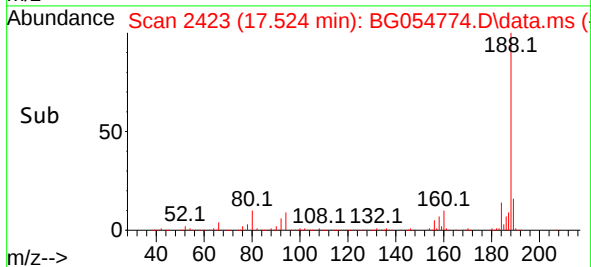
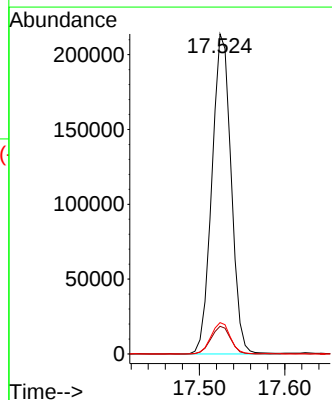
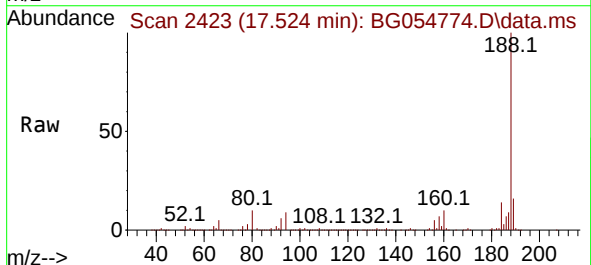
Instrument :
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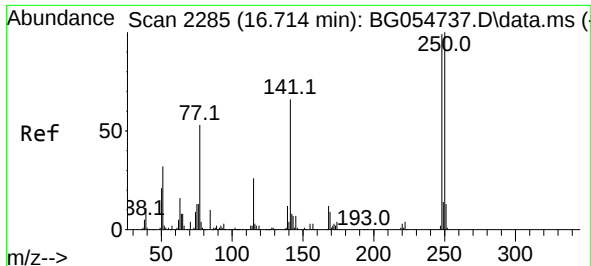
Tgt Ion:165 Resp: 19689
Ion Ratio Lower Upper
165 100
63 1.5 36.8 55.2#
89 1.6 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.524 min Scan# 2423
Delta R.T. -0.007 min
Lab File: BG054774.D
Acq: 29 Aug 2022 16:00

Tgt Ion:188 Resp: 334617
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.4
80 9.8 7.9 11.9

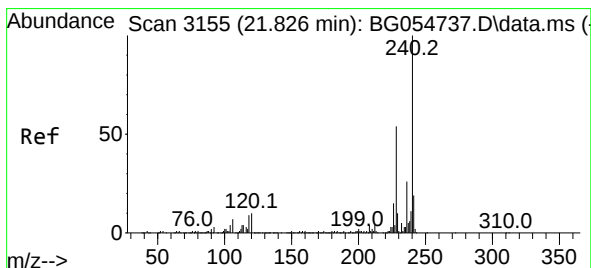
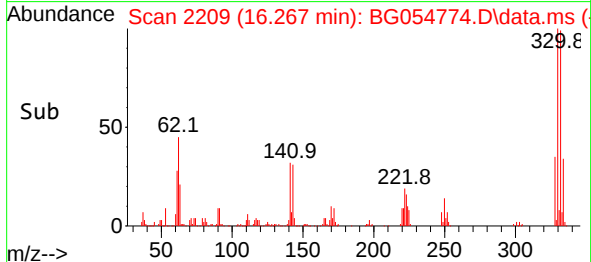
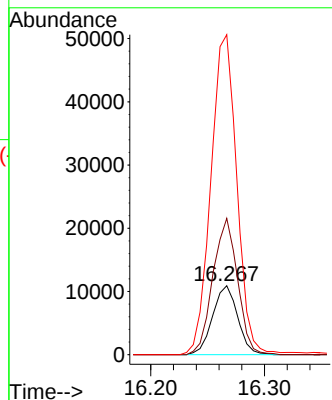
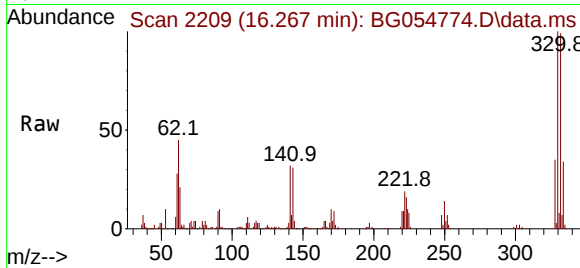




#67
4-Bromophenyl-phenylether
Concen: 4.546 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG054774.D
Acq: 29 Aug 2022 16:00

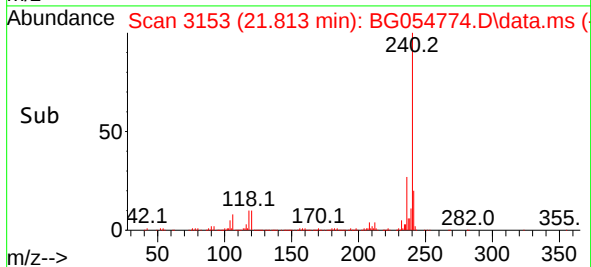
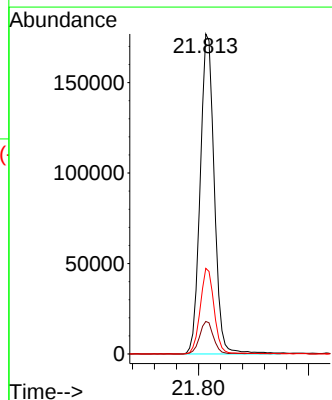
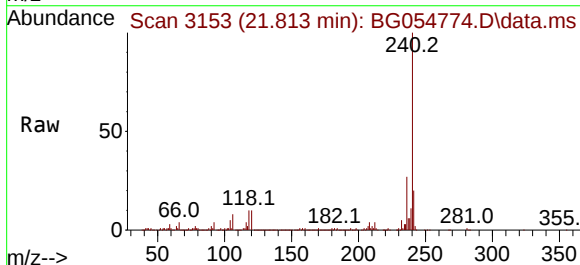
Instrument :
BNA_G
ClientSampleId :
MW-37

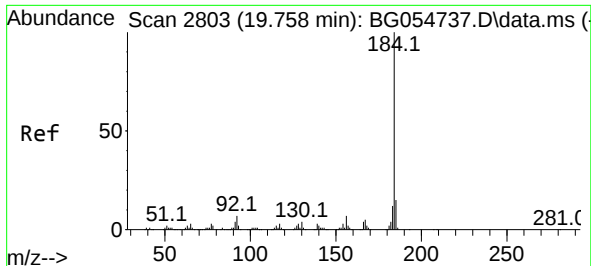
Tgt Ion:248 Resp: 16702
Ion Ratio Lower Upper
248 100
250 197.6 78.8 118.2#
141 464.0 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.813 min Scan# 3153
Delta R.T. -0.013 min
Lab File: BG054774.D
Acq: 29 Aug 2022 16:00

Tgt Ion:240 Resp: 313817
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.4
236 26.8 21.2 31.8

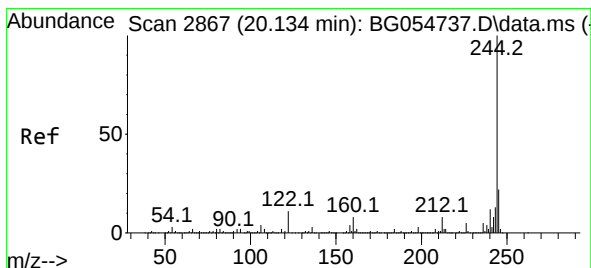
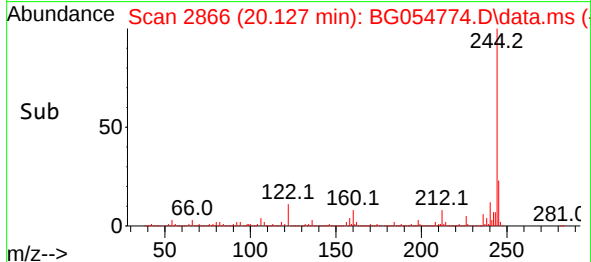
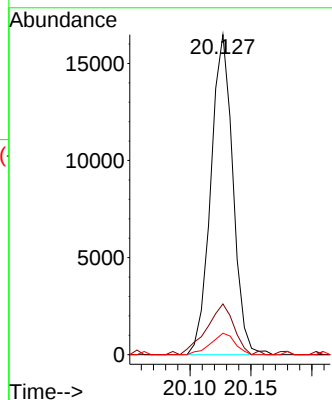
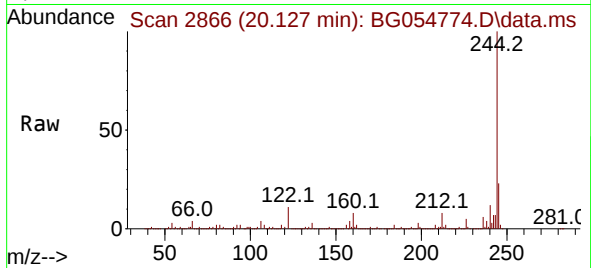




#77
Benzidine
Concen: 2.671 ng
RT: 20.127 min Scan# 2866
Delta R.T. 0.369 min
Lab File: BG054774.D
Acq: 29 Aug 2022 16:00

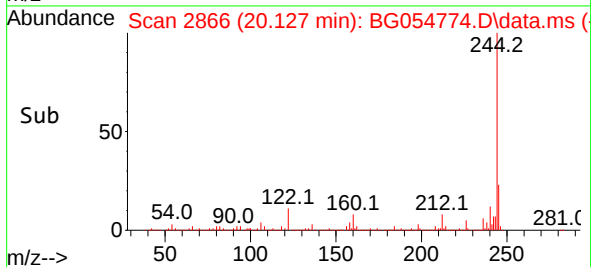
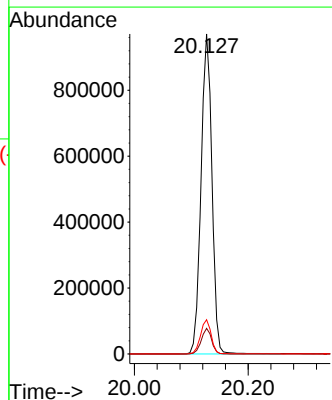
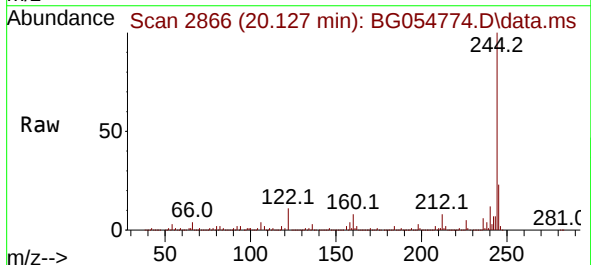
Instrument :
BNA_G
ClientSampleId :
MW-37

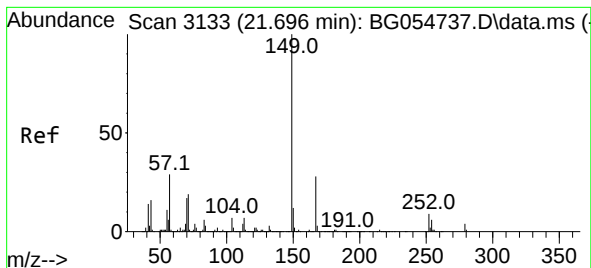
Tgt Ion:184 Resp: 20758
Ion Ratio Lower Upper
184 100
185 15.8 11.4 17.0
183 6.7 9.8 14.8#



#79
Terphenyl-d14
Concen: 81.630 ng
RT: 20.127 min Scan# 2866
Delta R.T. -0.007 min
Lab File: BG054774.D
Acq: 29 Aug 2022 16:00

Tgt Ion:244 Resp: 1292875
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 10.7 9.0 13.6

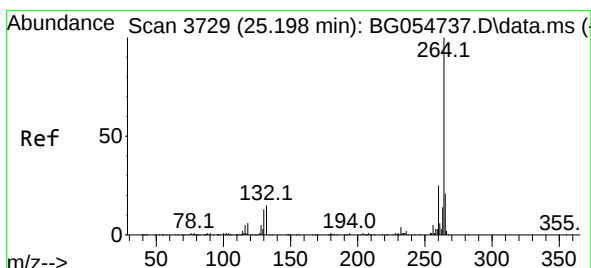
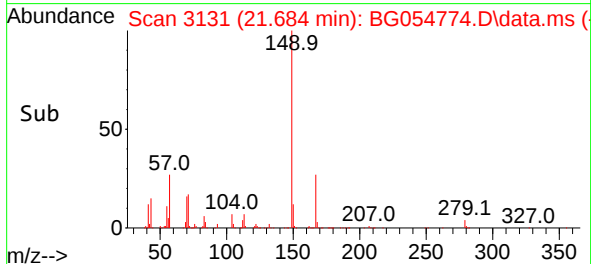
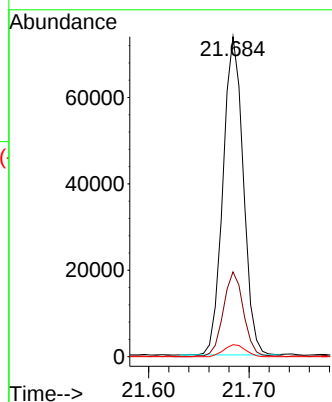
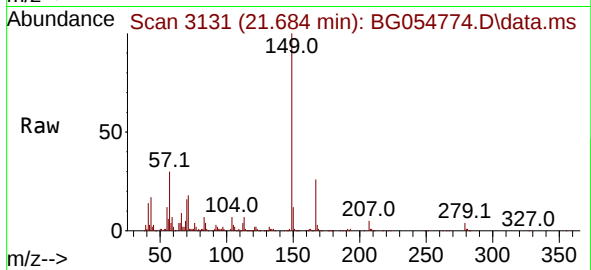




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.855 ng
 RT: 21.684 min Scan# 3131
 Delta R.T. -0.013 min
 Lab File: BG054774.D
 Acq: 29 Aug 2022 16:00

Instrument :
 BNA_G
 ClientSampleId :
 MW-37

Tgt Ion:149 Resp: 103295
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.4 32.0
 279 3.8 3.1 4.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.180 min Scan# 3726
 Delta R.T. -0.018 min
 Lab File: BG054774.D
 Acq: 29 Aug 2022 16:00

Tgt Ion:264 Resp: 329719
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.9 29.9
 265 21.7 16.9 25.3

