

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082622\
 Data File : BG054760.D
 Acq On : 26 Aug 2022 18:06
 Operator : CG/JU
 Sample : N4226-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-1

Quant Time: Aug 27 02:15:54 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)

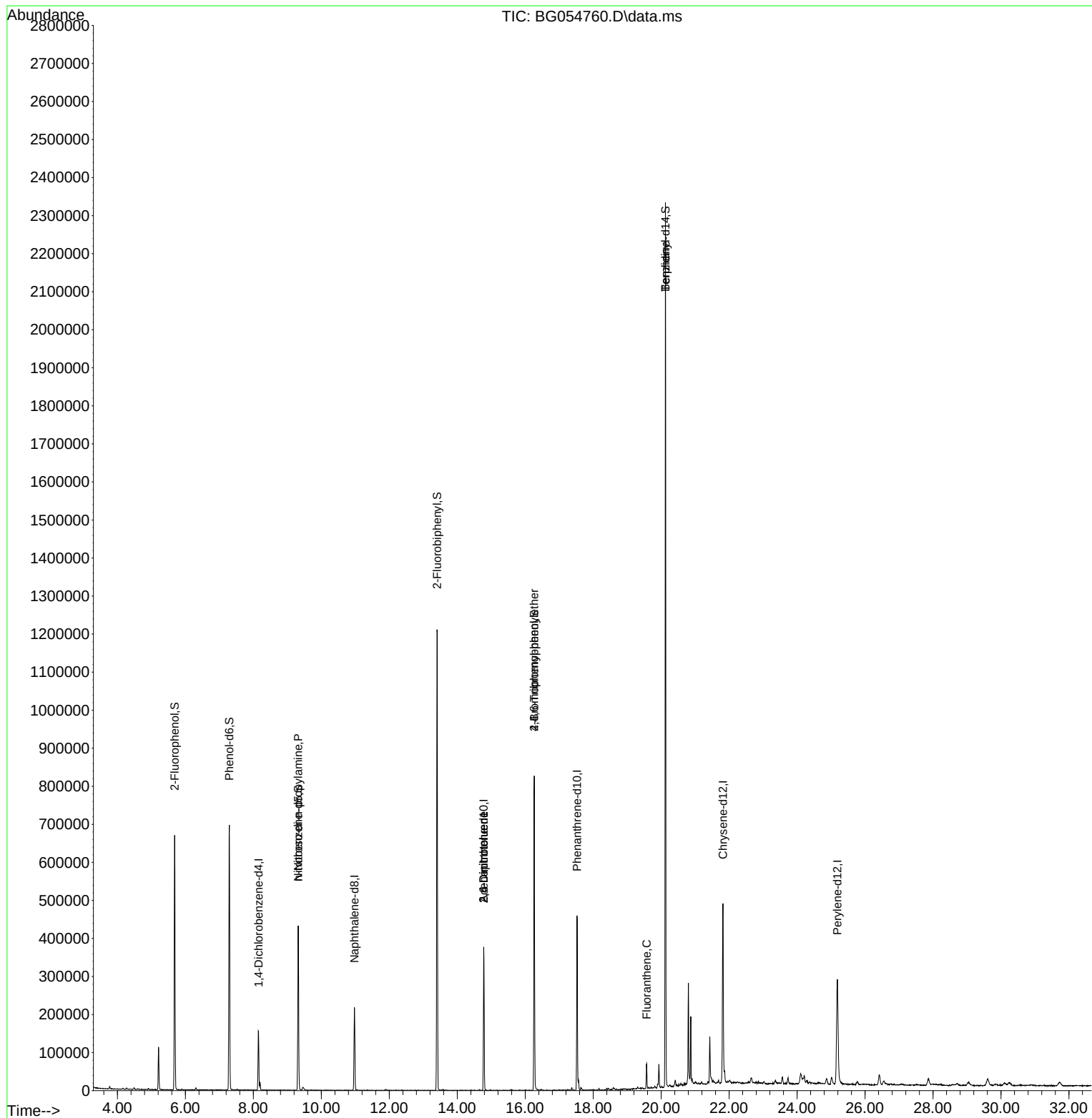
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	47290	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	198579	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	136495	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	307598	20.000	ng	0.00
76) Chrysene-d12	21.819	240	294309	20.000	ng	0.00
86) Perylene-d12	25.186	264	309370	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	305010	112.314	ng	0.00
7) Phenol-d6	7.295	99	434768	117.064	ng	0.00
23) Nitrobenzene-d5	9.322	82	270055	71.392	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	166359	97.537	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	665869	73.322	ng	0.00
79) Terphenyl-d14	20.127	244	1130848	76.133	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.322	70	34882	13.658	ng	# 81
51) 2,6-Dinitrotoluene	14.780	165	17344	8.064	ng	# 20
57) 2,4-Dinitrotoluene	14.780	165	17344	5.830	ng	# 18
67) 4-Bromophenyl-phenylether	16.267	248	10611	3.142	ng	# 1
75) Fluoranthene	19.575	202	42580	2.136	ng	# 97
77) Benzidine	20.127	184	17131	2.350	ng	# 90

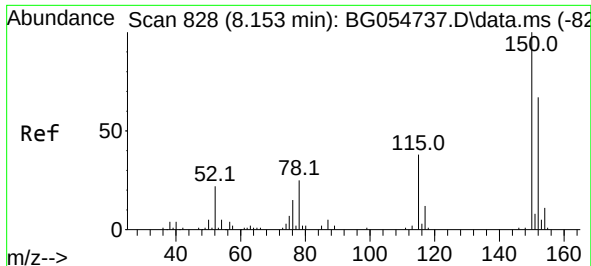
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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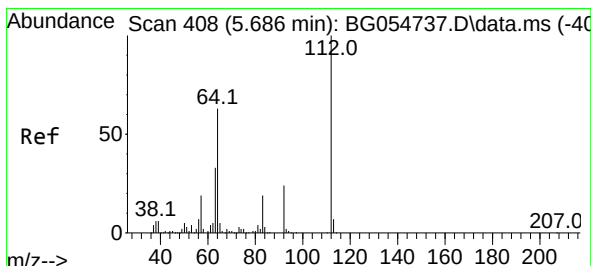
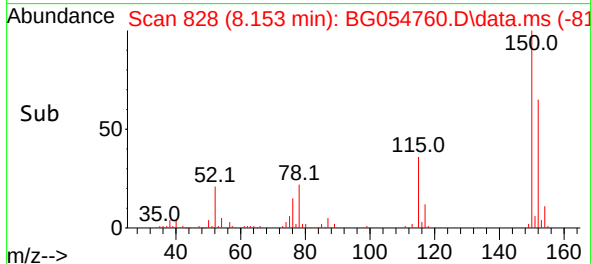
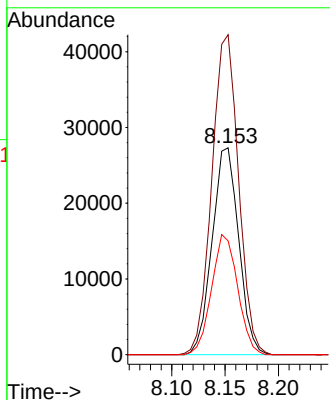
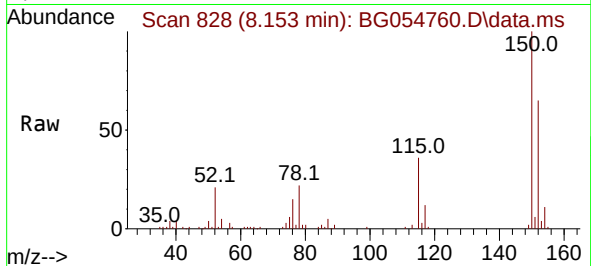




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG054760.D
Acq: 26 Aug 2022 18:06

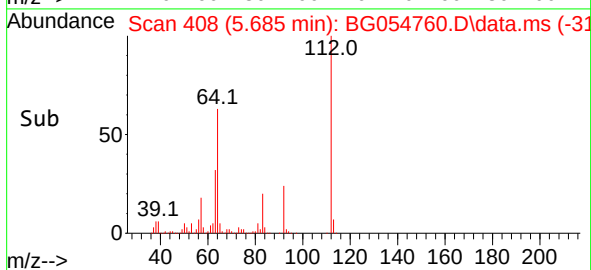
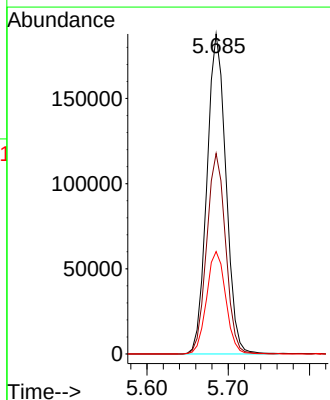
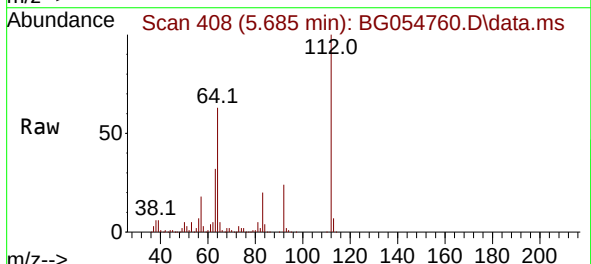
Instrument :
BNA_G
ClientSampleId :
B-1

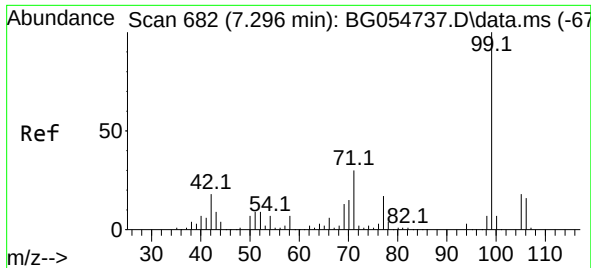
Tgt Ion:152 Resp: 47290
Ion Ratio Lower Upper
152 100
150 154.6 125.2 187.8
115 55.0 47.9 71.9



#5
2-Fluorophenol
Concen: 112.314 ng
RT: 5.685 min Scan# 408
Delta R.T. -0.001 min
Lab File: BG054760.D
Acq: 26 Aug 2022 18:06

Tgt Ion:112 Resp: 305010
Ion Ratio Lower Upper
112 100
64 62.6 49.3 73.9
63 32.0 26.3 39.5

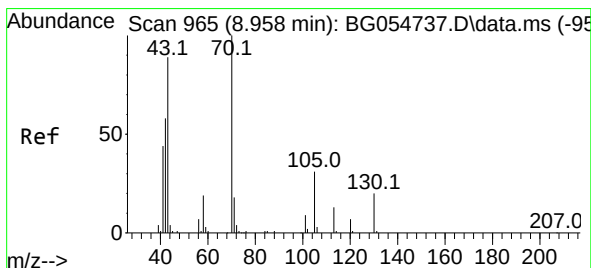
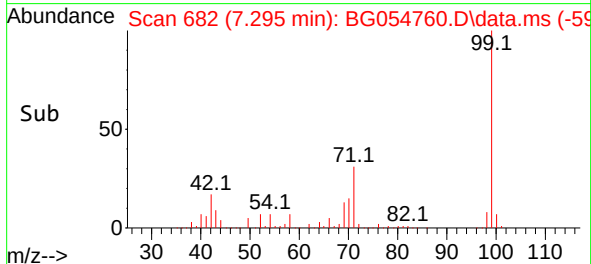
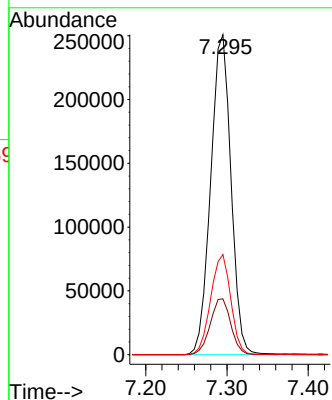
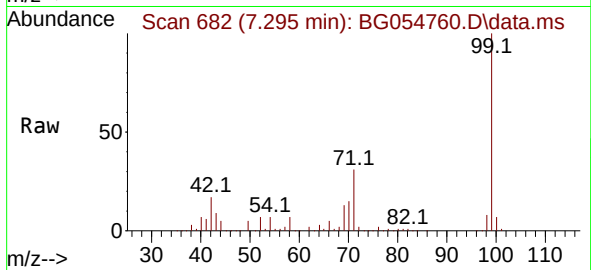




#7
Phenol-d6
Concen: 117.064 ng
RT: 7.295 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG054760.D
Acq: 26 Aug 2022 18:06

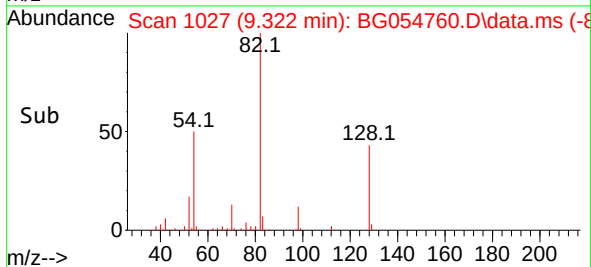
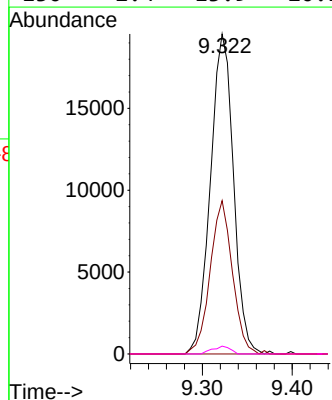
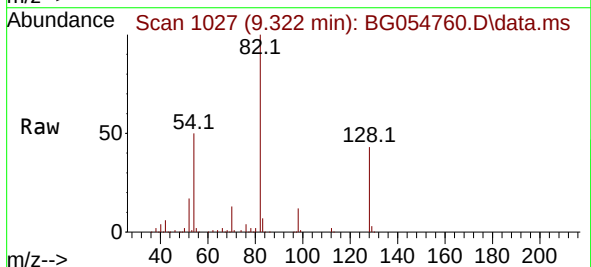
Instrument :
BNA_G
ClientSampleId :
B-1

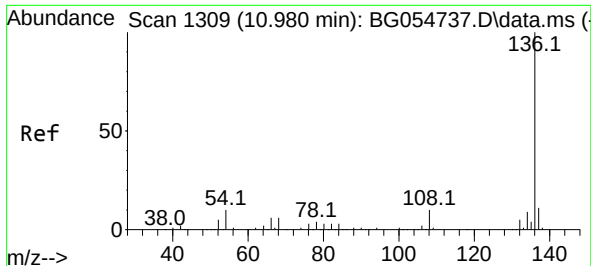
Tgt Ion: 99 Resp: 434768
Ion Ratio Lower Upper
99 100
42 17.5 14.6 22.0
71 31.3 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.658 ng
RT: 9.322 min Scan# 1027
Delta R.T. 0.364 min
Lab File: BG054760.D
Acq: 26 Aug 2022 18:06

Tgt Ion: 70 Resp: 34882
Ion Ratio Lower Upper
70 100
42 47.9 46.6 69.8
101 0.0 7.7 11.5#
130 2.4 13.9 20.9#

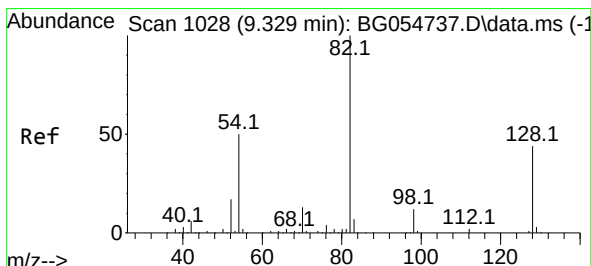
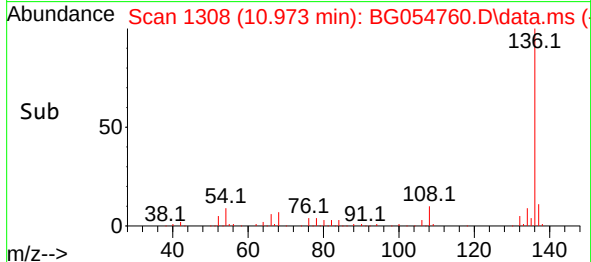
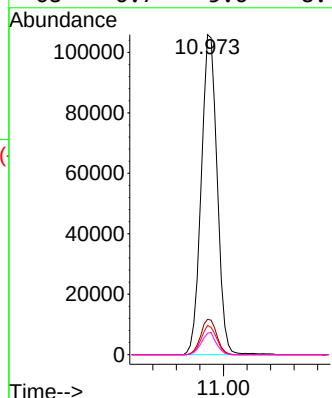
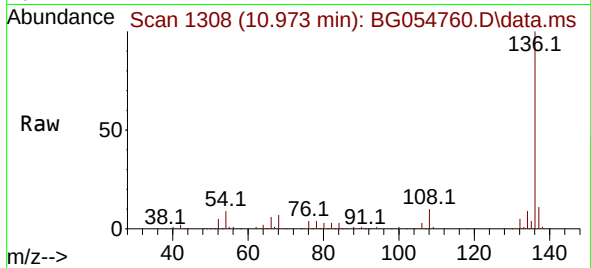




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054760.D
Acq: 26 Aug 2022 18:06

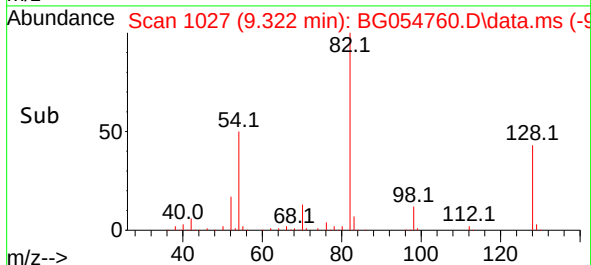
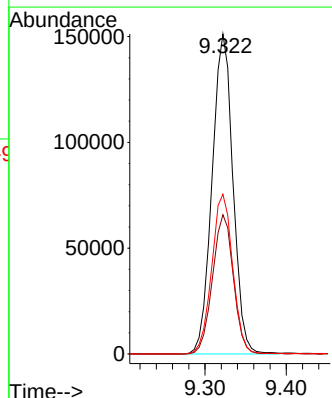
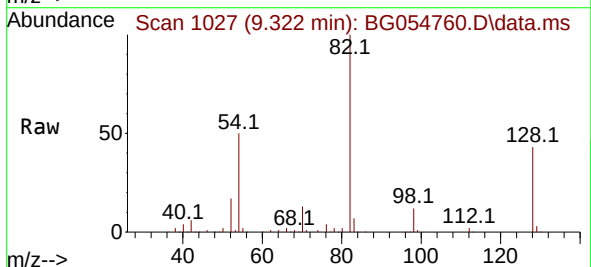
Instrument :
BNA_G
ClientSampleId :
B-1

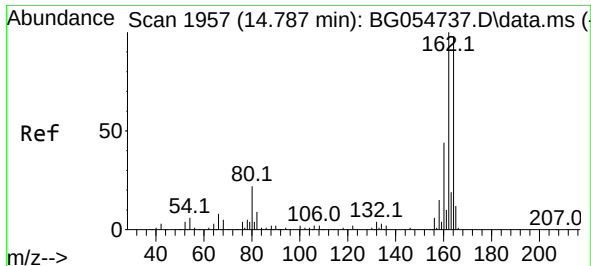
Tgt Ion:	136	Resp:	198579
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	9.1	7.7	11.5
68	6.7	5.6	8.4



#23
Nitrobenzene-d5
Concen: 71.392 ng
RT: 9.322 min Scan# 1027
Delta R.T. -0.007 min
Lab File: BG054760.D
Acq: 26 Aug 2022 18:06

Tgt Ion:	82	Resp:	270055
Ion	Ratio	Lower	Upper
82	100		
128	43.5	32.2	48.2
54	49.9	41.4	62.0

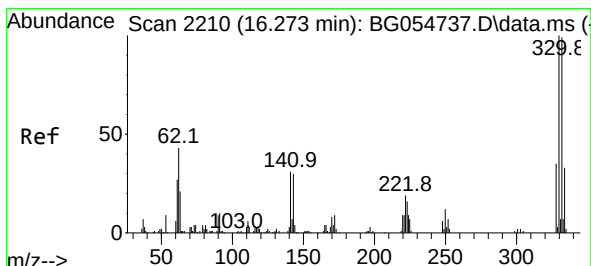
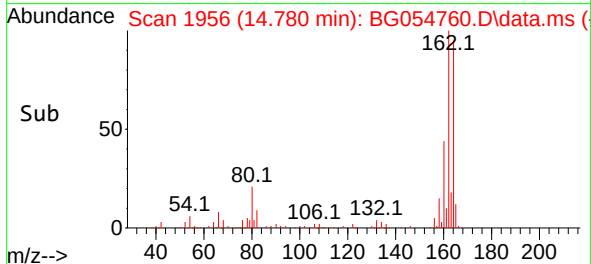
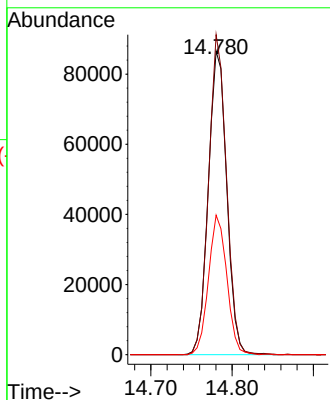
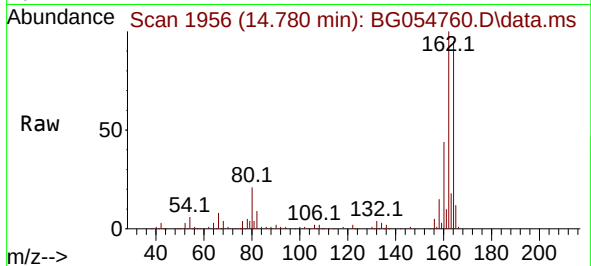




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1957
Delta R.T. -0.007 min
Lab File: BG054760.D
Acq: 26 Aug 2022 18:06

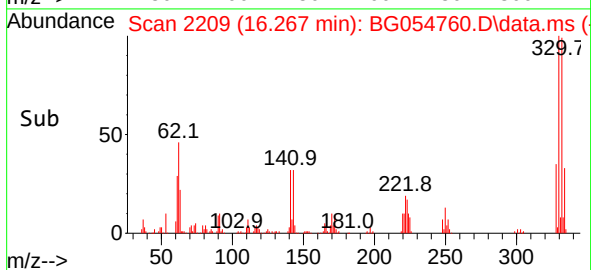
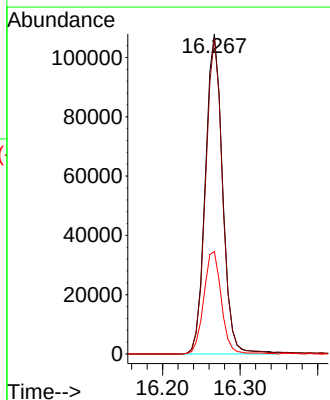
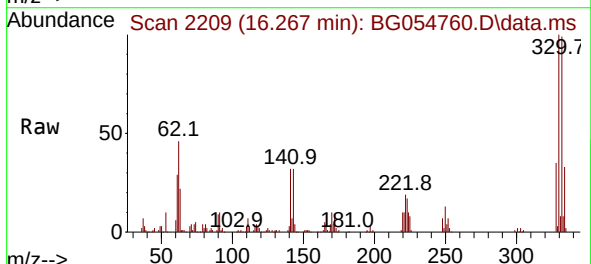
Instrument :
BNA_G
ClientSampleId :
B-1

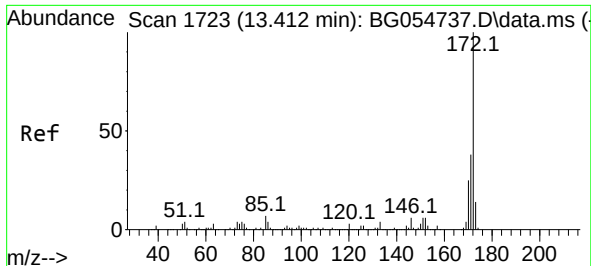
Tgt Ion:164 Resp: 136495
Ion Ratio Lower Upper
164 100
162 105.4 83.0 124.4
160 46.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 97.537 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.007 min
Lab File: BG054760.D
Acq: 26 Aug 2022 18:06

Tgt Ion:330 Resp: 166359
Ion Ratio Lower Upper
330 100
332 97.4 79.8 119.6
141 32.8 26.8 40.2

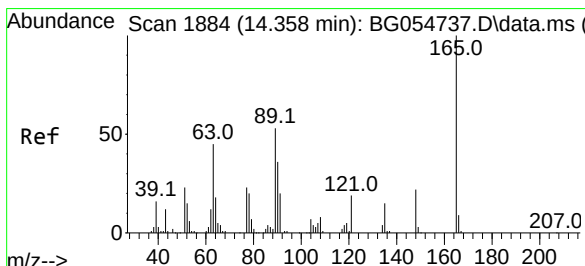
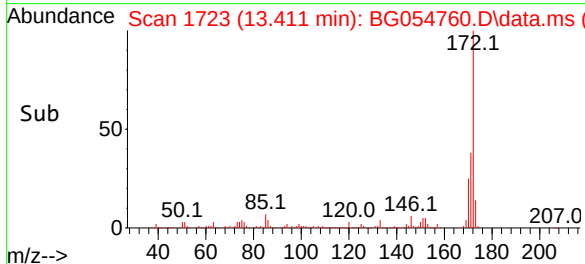
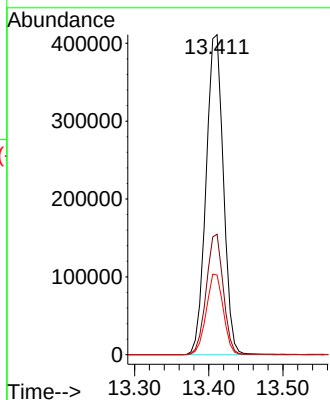
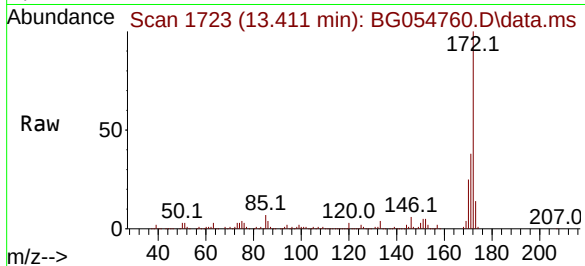




#45
2-Fluorobiphenyl
Concen: 73.322 ng
RT: 13.411 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054760.D
Acq: 26 Aug 2022 18:06

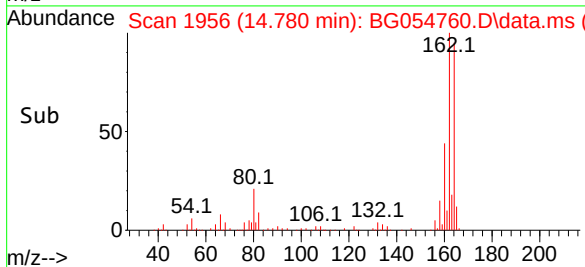
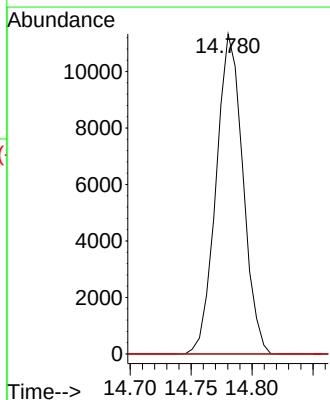
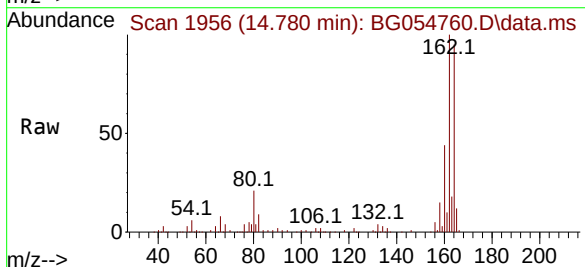
Instrument :
BNA_G
ClientSampleId :
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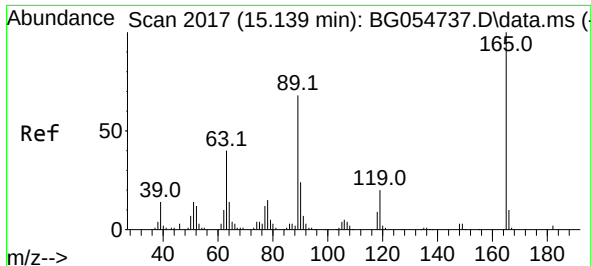
Tgt Ion:172 Resp: 665869
Ion Ratio Lower Upper
172 100
171 37.6 31.2 46.8
170 24.9 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.064 ng
RT: 14.780 min Scan# 1956
Delta R.T. 0.422 min
Lab File: BG054760.D
Acq: 26 Aug 2022 18:06

Tgt Ion:165 Resp: 17344
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 5.830 ng

RT: 14.780 min Scan# 1956

Delta R.T. -0.359 min

Lab File: BG054760.D

Acq: 26 Aug 2022 18:06

Instrument :

BNA_G

ClientSampleId :

B-1

Tgt Ion:165 Resp: 17344

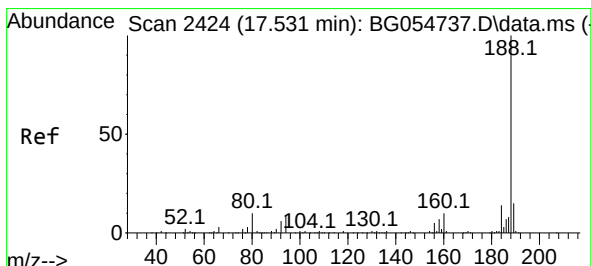
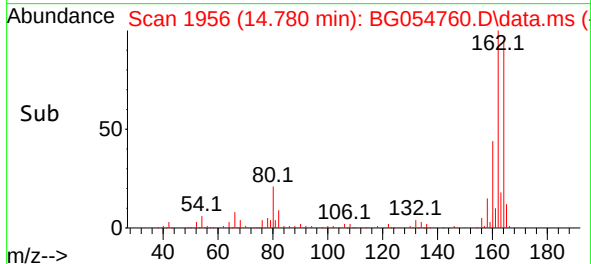
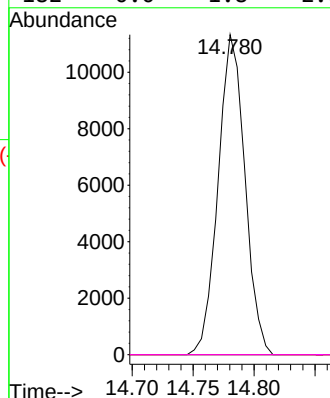
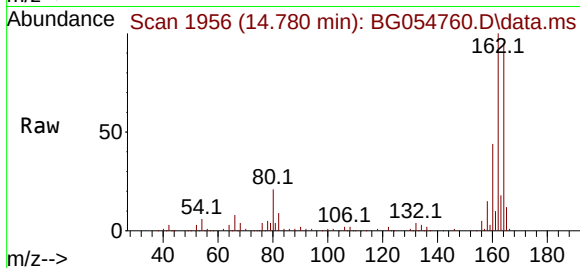
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 0.0 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: BG054760.D

Acq: 26 Aug 2022 18:06

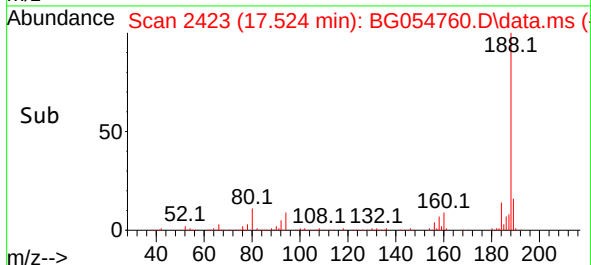
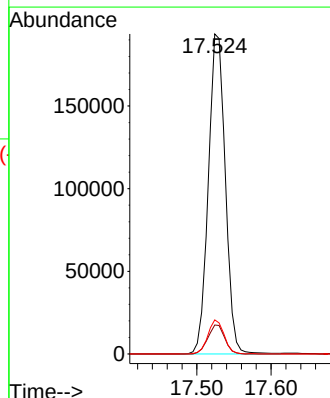
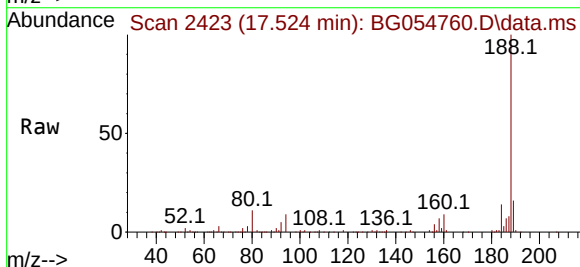
Tgt Ion:188 Resp: 307598

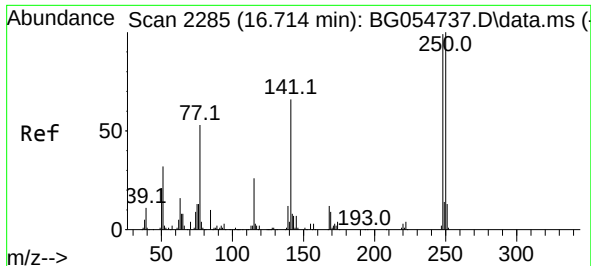
Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

80 10.6 7.9 11.9

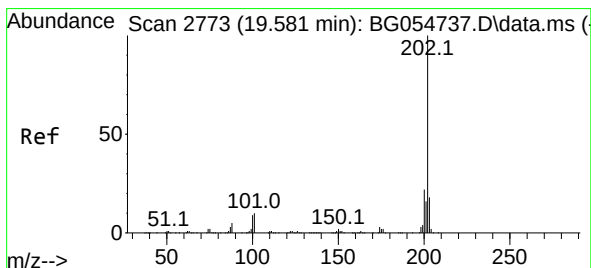
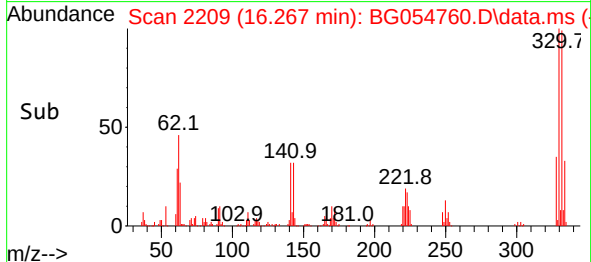
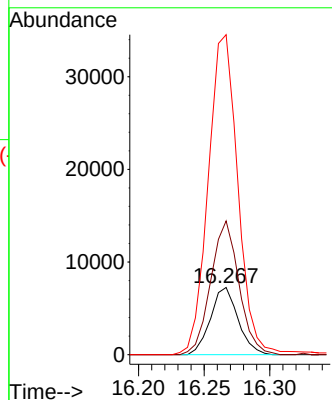
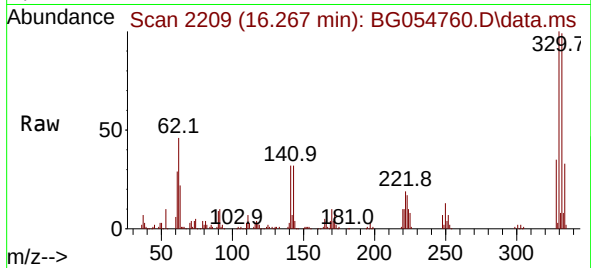




#67
4-Bromophenyl-phenylether
Concen: 3.142 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG054760.D
Acq: 26 Aug 2022 18:06

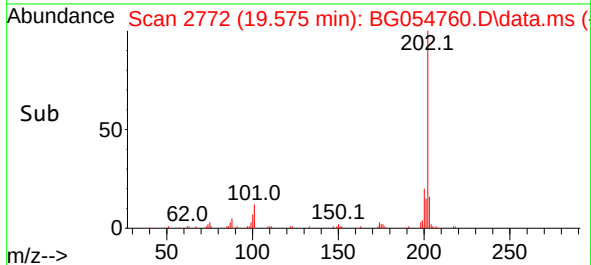
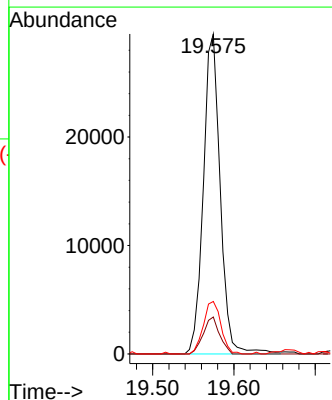
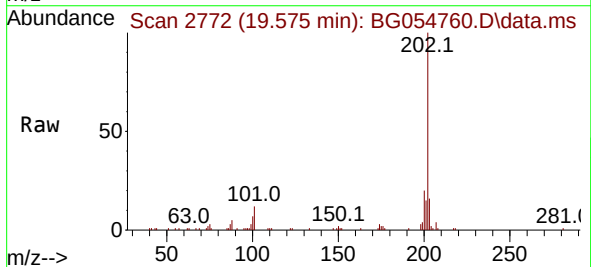
Instrument :
BNA_G
ClientSampleId :
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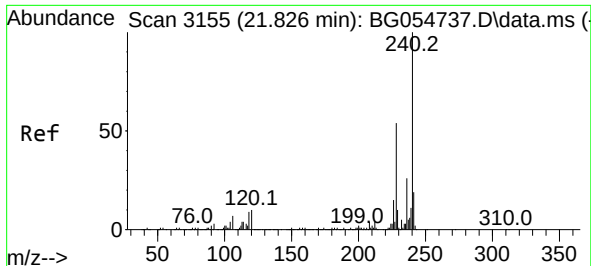
Tgt Ion:248 Resp: 10611
Ion Ratio Lower Upper
248 100
250 199.1 78.8 118.2#
141 476.2 51.9 77.9#



#75
Fluoranthene
Concen: 2.136 ng
RT: 19.575 min Scan# 2772
Delta R.T. -0.007 min
Lab File: BG054760.D
Acq: 26 Aug 2022 18:06

Tgt Ion:202 Resp: 42580
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 16.4 0.0 38.6

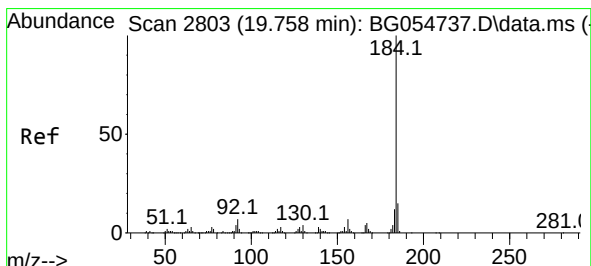
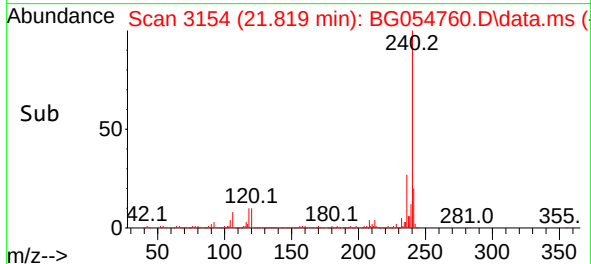
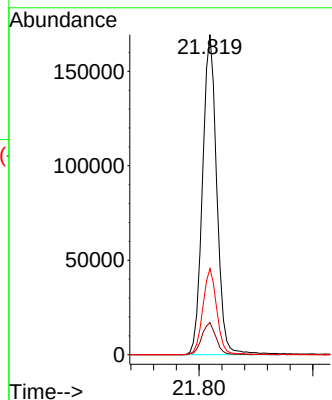
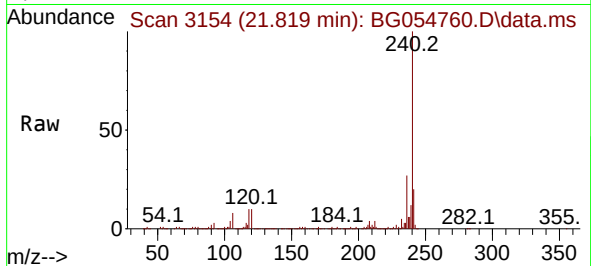




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3155
Delta R.T. -0.007 min
Lab File: BG054760.D
Acq: 26 Aug 2022 18:06

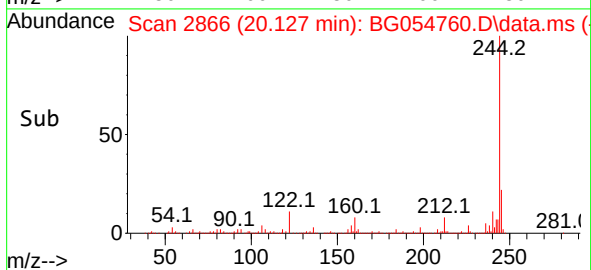
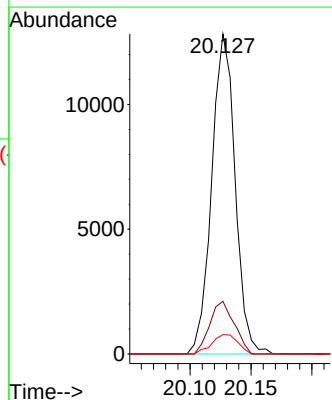
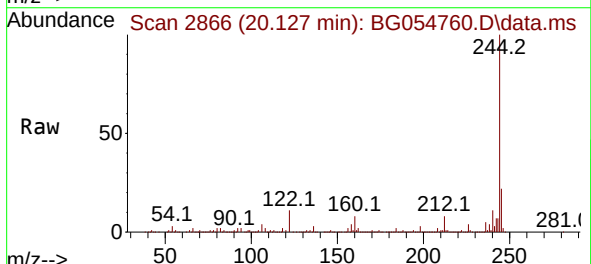
Instrument :
BNA_G
ClientSampleId :
B-1

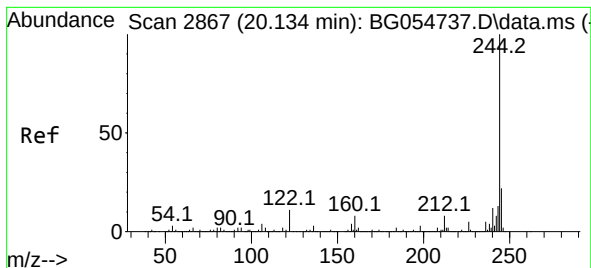
Tgt Ion:240 Resp: 294309
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.4
236 26.9 21.2 31.8



#77
Benzidine
Concen: 2.350 ng
RT: 20.127 min Scan# 2866
Delta R.T. 0.369 min
Lab File: BG054760.D
Acq: 26 Aug 2022 18:06

Tgt Ion:184 Resp: 17131
Ion Ratio Lower Upper
184 100
185 16.5 11.4 17.0
183 6.0 9.8 14.8#





#79

Terphenyl-d14

Concen: 76.133 ng

RT: 20.127 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG054760.D

Acq: 26 Aug 2022 18:06

Instrument :

BNA_G

ClientSampleId :

B-1

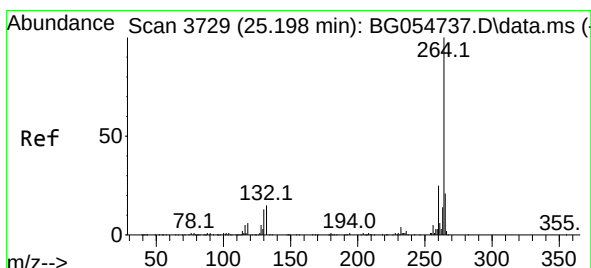
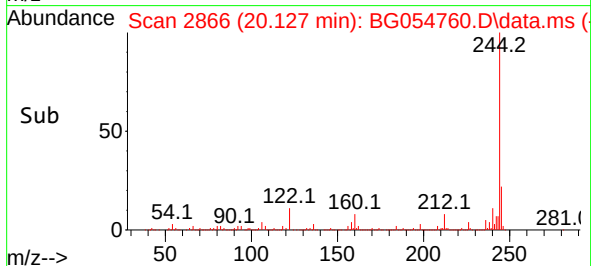
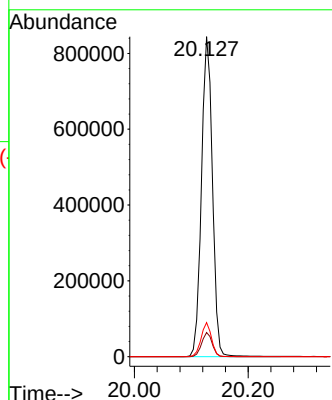
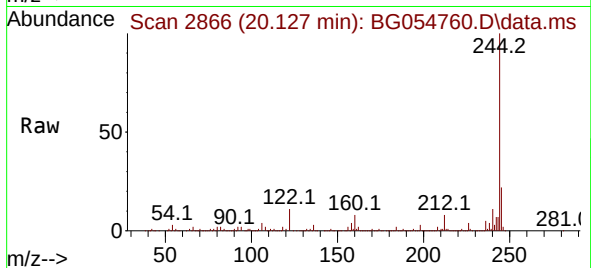
Tgt Ion:244 Resp: 1130848

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 10.6 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.186 min Scan# 3727

Delta R.T. -0.013 min

Lab File: BG054760.D

Acq: 26 Aug 2022 18:06

Tgt Ion:264 Resp: 309370

Ion Ratio Lower Upper

264 100

260 24.2 19.9 29.9

265 21.8 16.9 25.3

