

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134980.D
 Acq On : 29 Aug 2023 13:04
 Operator : CG\JU
 Sample : PB155117BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155117BL

Quant Time: Aug 29 22:24:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

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

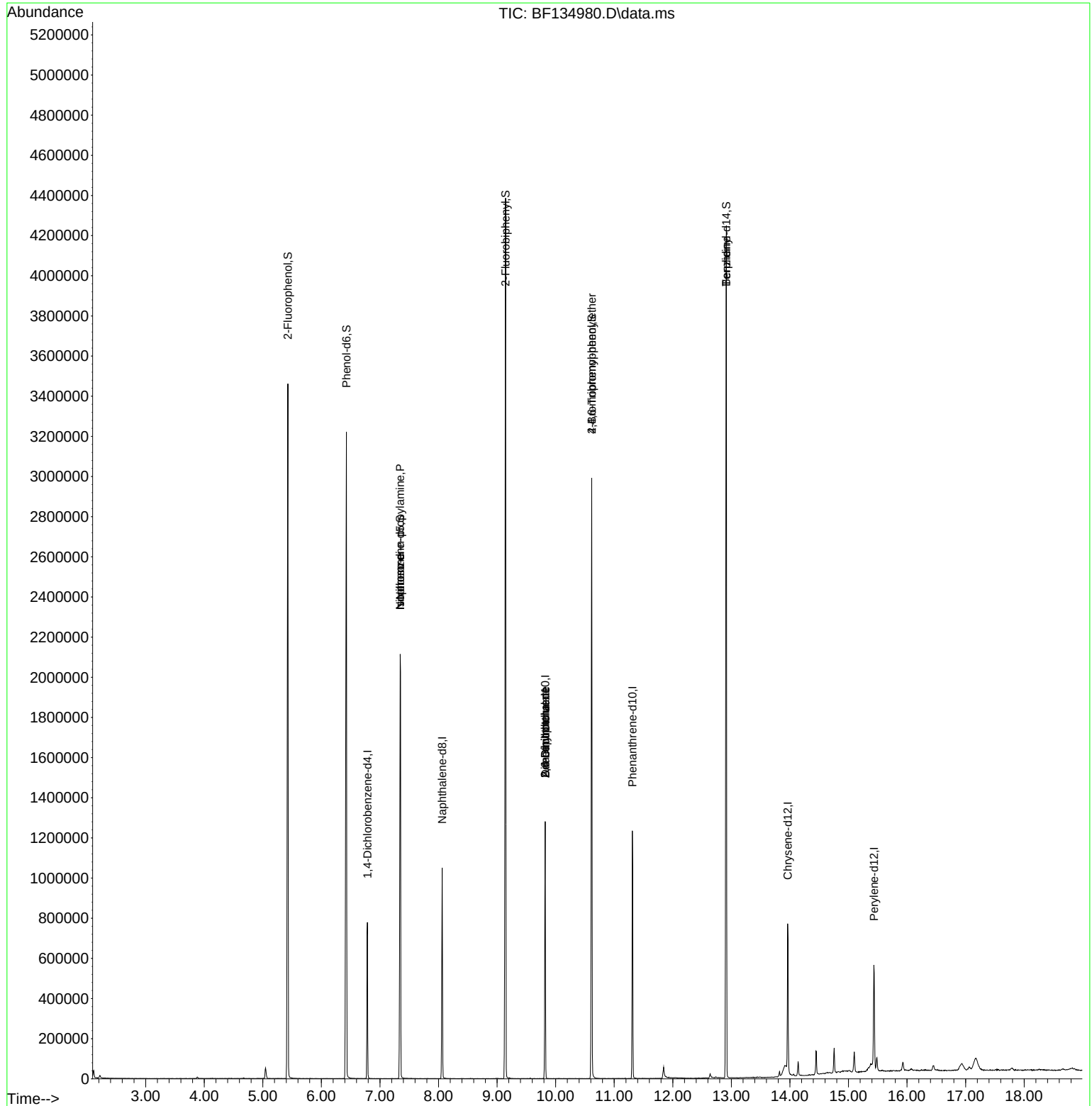
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	114740	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	456266	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	239040	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	446131	20.000	ng	-0.02
76) Chrysene-d12	13.962	240	248254	20.000	ng	-0.02
86) Perylene-d12	15.433	264	237417	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	982121	136.495	ng	0.00
7) Phenol-d6	6.428	99	1211370	131.753	ng	-0.01
23) Nitrobenzene-d5	7.345	82	781844	94.424	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	379637	134.848	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1424178	92.103	ng	-0.01
79) Terphenyl-d14	12.916	244	1638293	90.766	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	107255	19.974	ng	# 77
25) Isophorone	7.345	82	776534	50.224	ng	# 64
50) Dimethylphthalate	9.822	163	48912	2.875	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	30723	8.187	ng	# 28
57) 2,4-Dinitrotoluene	9.822	165	30723	6.620	ng	# 25
67) 4-Bromophenyl-phenylether	10.616	248	24898	4.837	ng	# 1
77) Benzidine	12.916	184	21120	5.243	ng	# 92

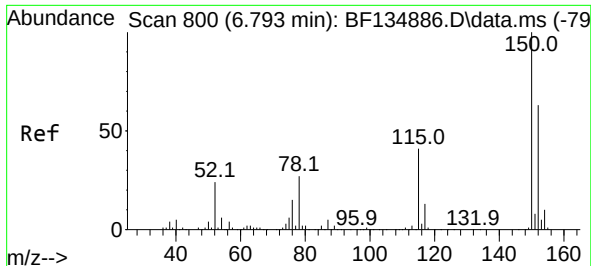
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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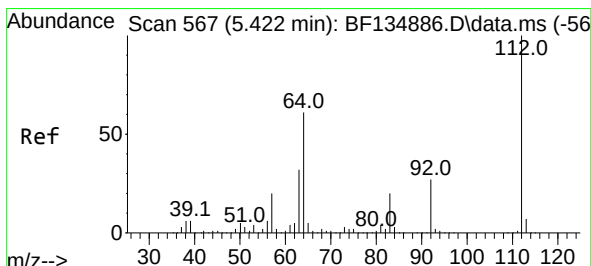
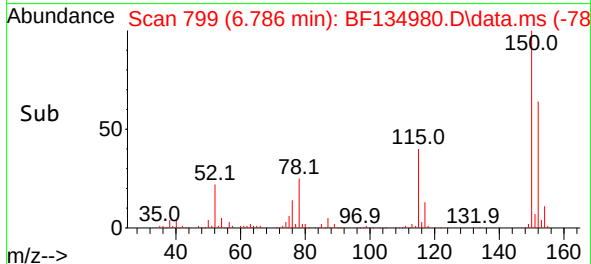
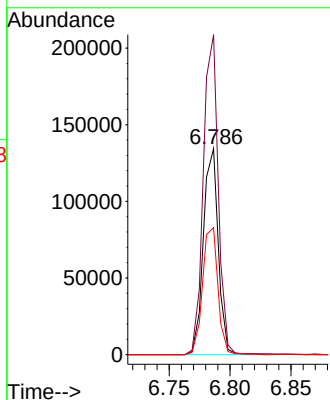
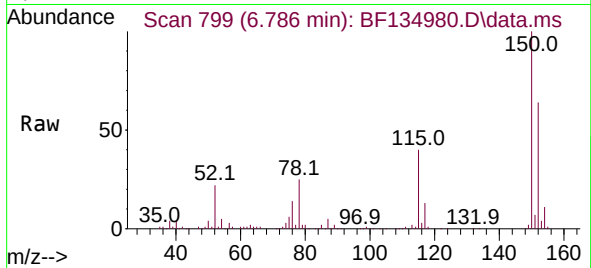




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.007 min
Lab File: BF134980.D
Acq: 29 Aug 2023 13:04

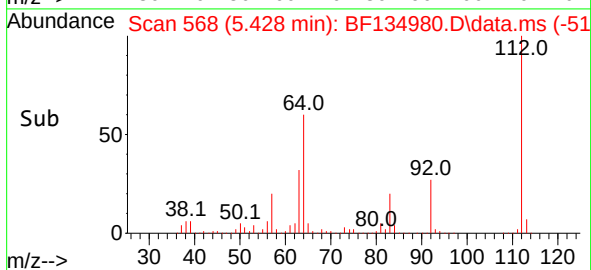
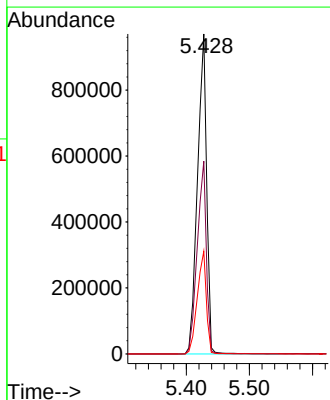
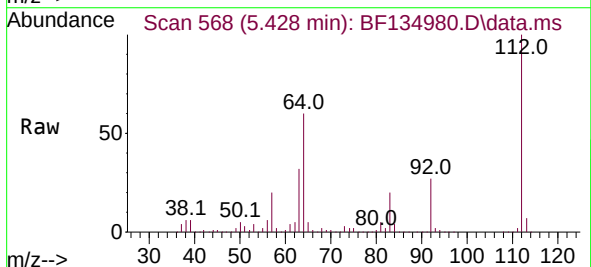
Instrument :
BNA_F
ClientSampleId :
PB155117BL

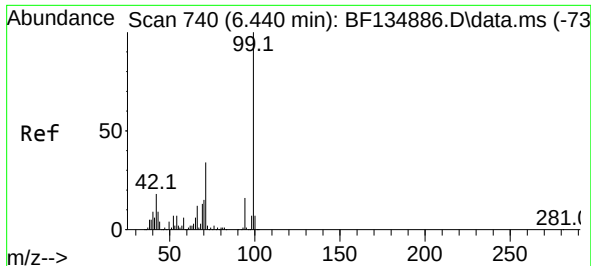
Tgt Ion:152 Resp: 114740
Ion Ratio Lower Upper
152 100
150 155.3 126.1 189.1
115 61.6 51.1 76.7



#5
2-Fluorophenol
Concen: 136.495 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF134980.D
Acq: 29 Aug 2023 13:04

Tgt Ion:112 Resp: 982121
Ion Ratio Lower Upper
112 100
64 60.2 48.6 73.0
63 32.1 25.7 38.5

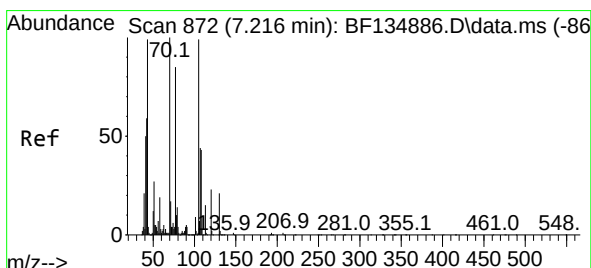
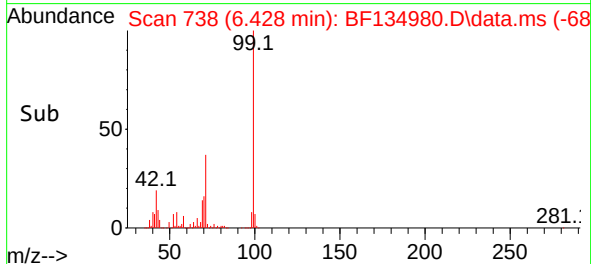
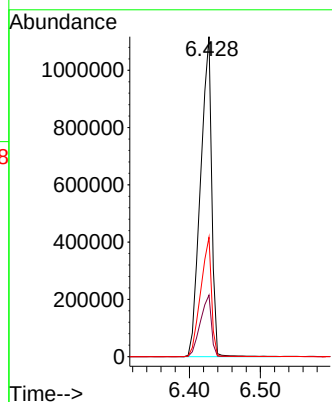
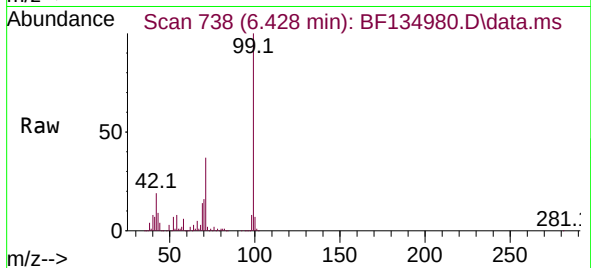




#7
Phenol-d6
Concen: 131.753 ng
RT: 6.428 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF134980.D
Acq: 29 Aug 2023 13:04

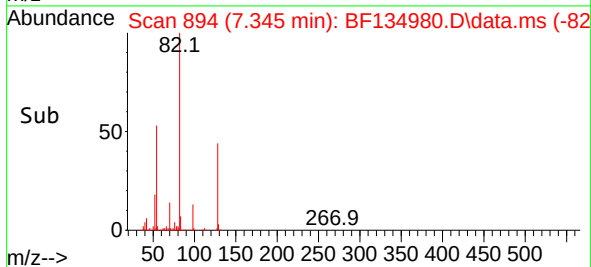
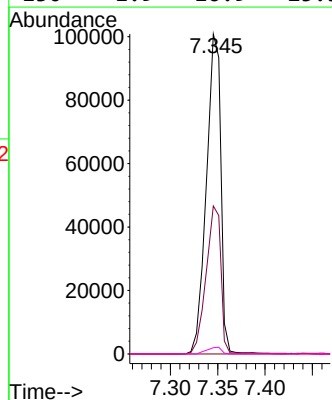
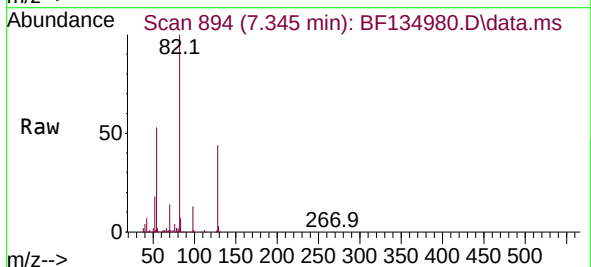
Instrument :
BNA_F
ClientSampleId :
PB155117BL

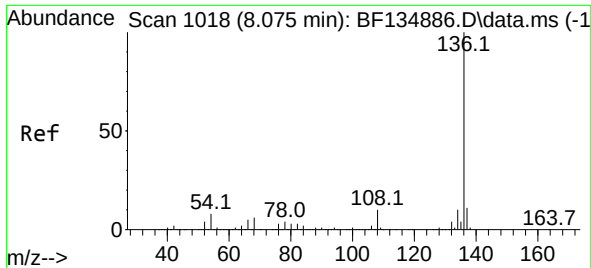
Tgt Ion: 99 Resp: 1211370
Ion Ratio Lower Upper
99 100
42 19.3 14.6 22.0
71 37.3 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.974 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.129 min
Lab File: BF134980.D
Acq: 29 Aug 2023 13:04

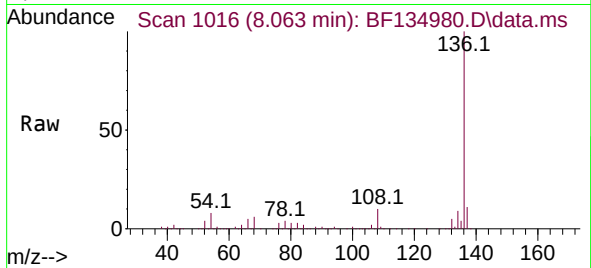
Tgt Ion: 70 Resp: 107255
Ion Ratio Lower Upper
70 100
42 46.2 46.9 70.3#
101 0.0 7.5 11.3#
130 1.9 16.9 25.3#



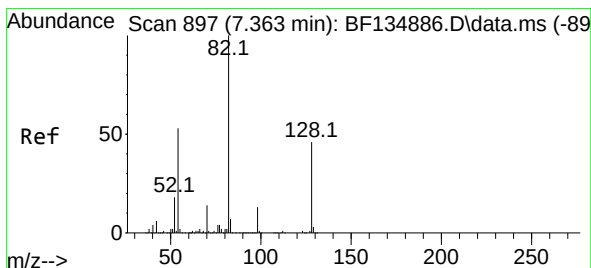
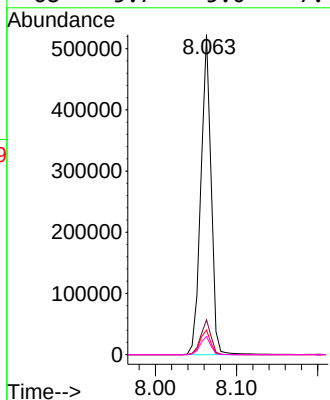
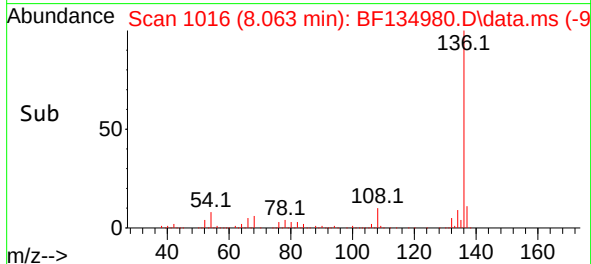


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF134980.D
Acq: 29 Aug 2023 13:04

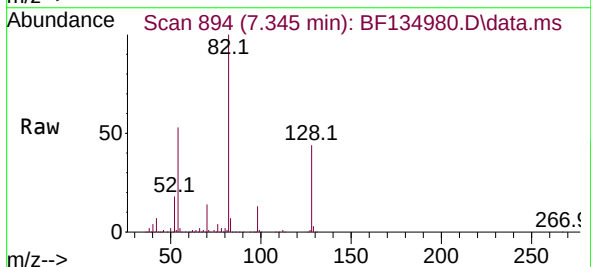
Instrument :
BNA_F
ClientSampleId :
PB155117BL



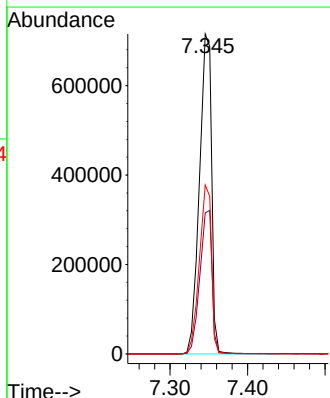
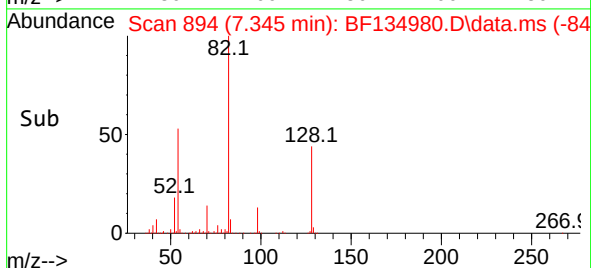
Tgt Ion:136 Resp: 456266
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.7 6.6 9.8
68 5.7 5.0 7.4

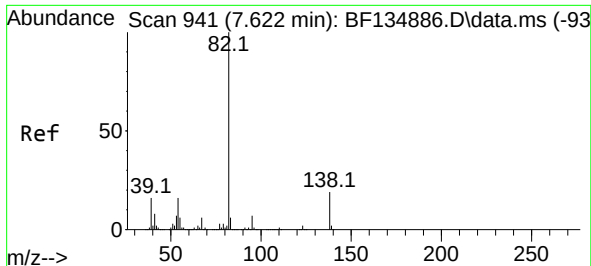


#23
Nitrobenzene-d5
Concen: 94.424 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF134980.D
Acq: 29 Aug 2023 13:04



Tgt Ion: 82 Resp: 781844
Ion Ratio Lower Upper
82 100
128 44.1 36.6 54.8
54 52.8 42.6 63.8

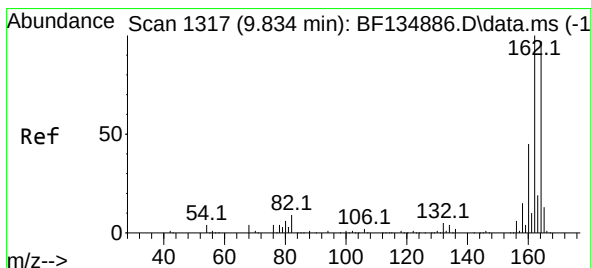
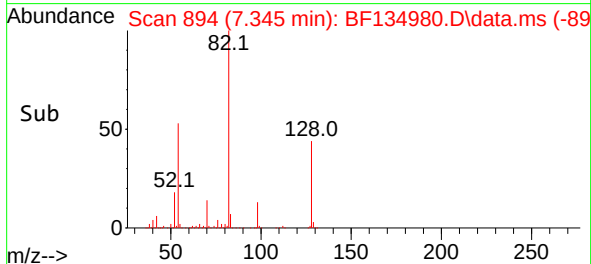
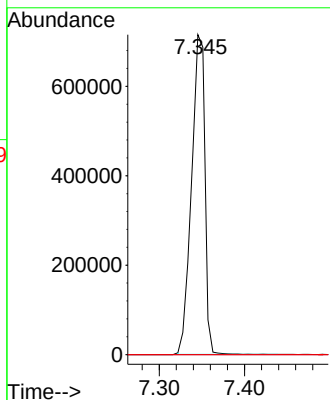
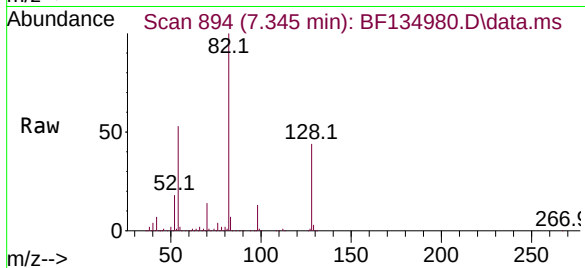




#25
Isophorone
Concen: 50.224 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF134980.D
Acq: 29 Aug 2023 13:04

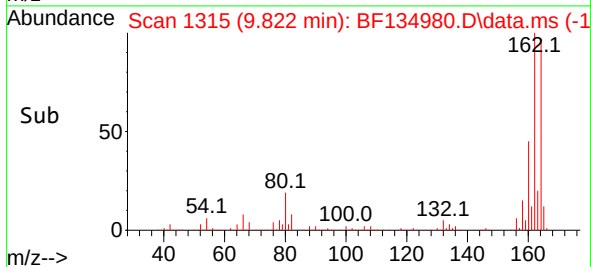
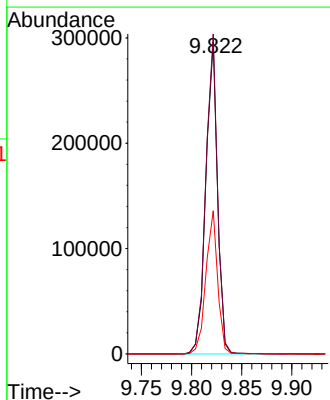
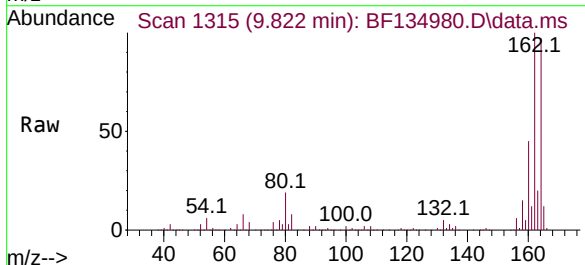
Instrument :
BNA_F
ClientSampleId :
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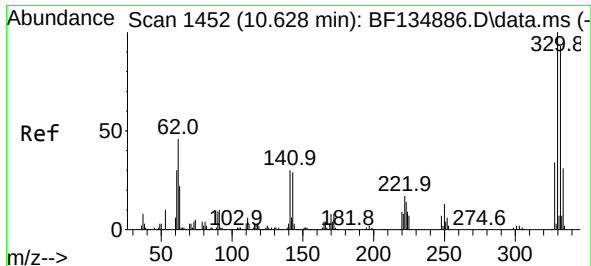
Tgt Ion: 82 Resp: 776534
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF134980.D
Acq: 29 Aug 2023 13:04

Tgt Ion: 164 Resp: 239040
Ion Ratio Lower Upper
164 100
162 102.6 82.6 123.8
160 45.9 37.0 55.4

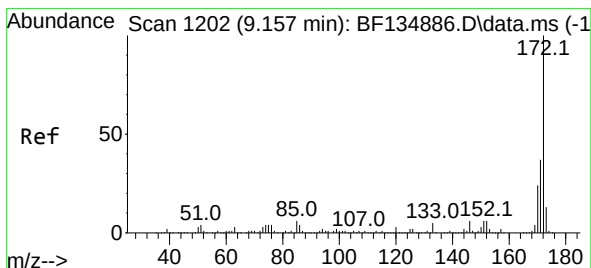
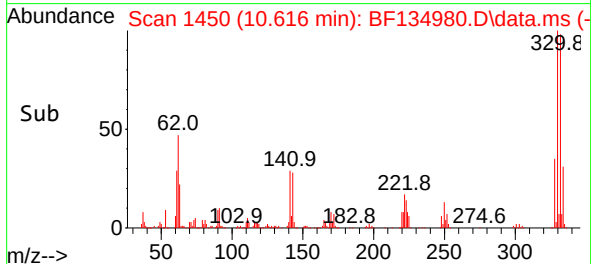
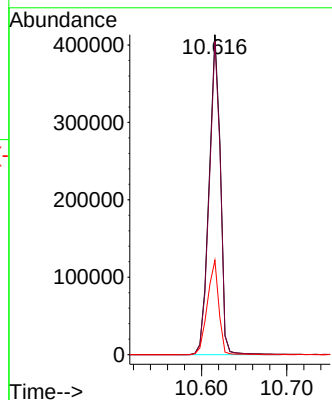
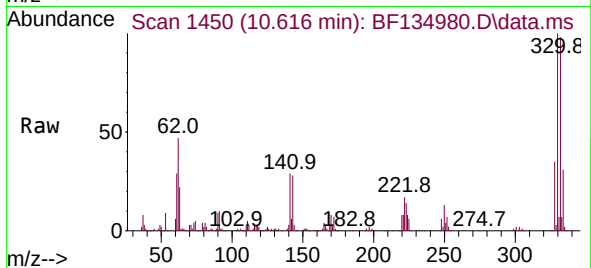




#42
 2,4,6-Tribromophenol
 Concen: 134.848 ng
 RT: 10.616 min Scan# 1452
 Delta R.T. -0.012 min
 Lab File: BF134980.D
 Acq: 29 Aug 2023 13:04

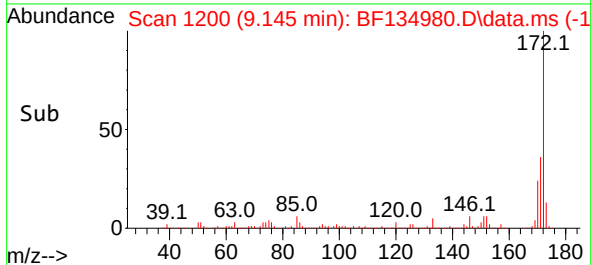
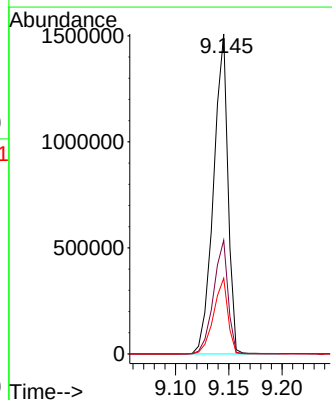
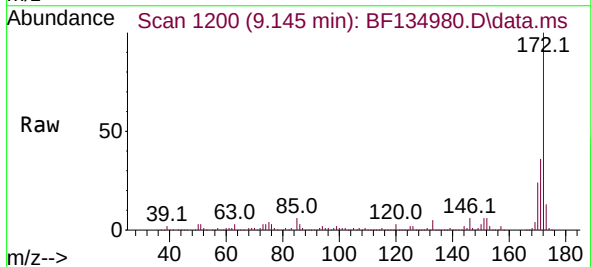
Instrument :
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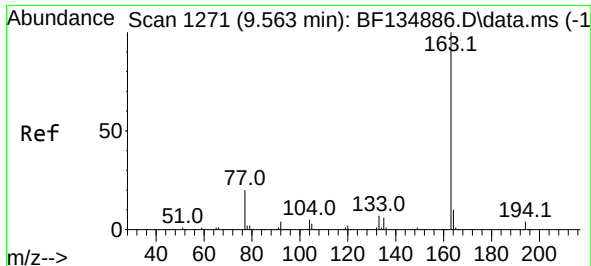
Tgt Ion: 330 Resp: 379637
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.3 114.5
 141 29.7 23.4 35.2



#45
 2-Fluorobiphenyl
 Concen: 92.103 ng
 RT: 9.145 min Scan# 1200
 Delta R.T. -0.012 min
 Lab File: BF134980.D
 Acq: 29 Aug 2023 13:04

Tgt Ion: 172 Resp: 1424178
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.0
 170 23.6 19.6 29.4

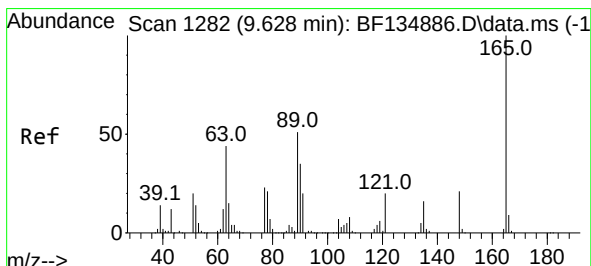
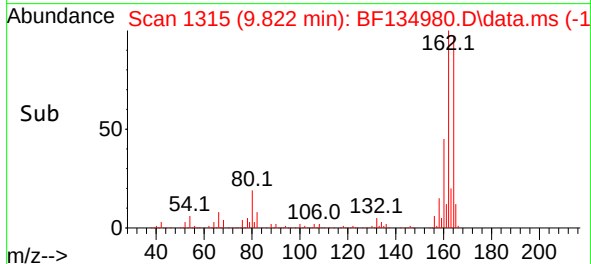
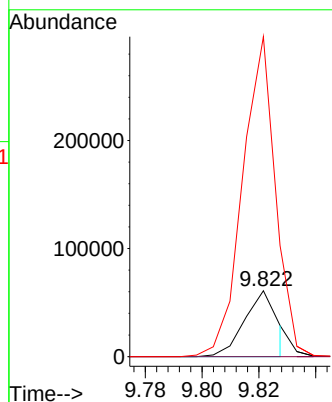
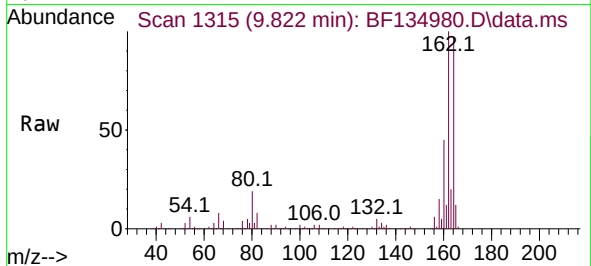




#50
Dimethylphthalate
Concen: 2.875 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.259 min
Lab File: BF134980.D
Acq: 29 Aug 2023 13:04

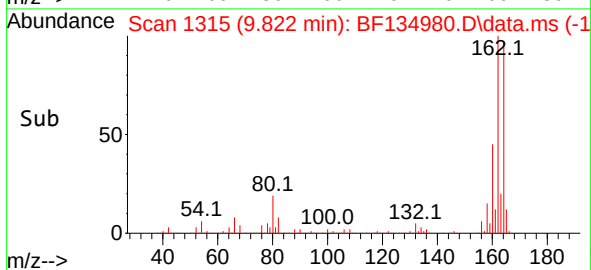
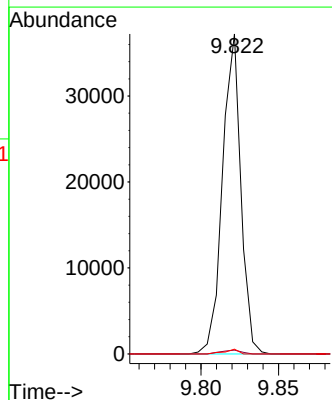
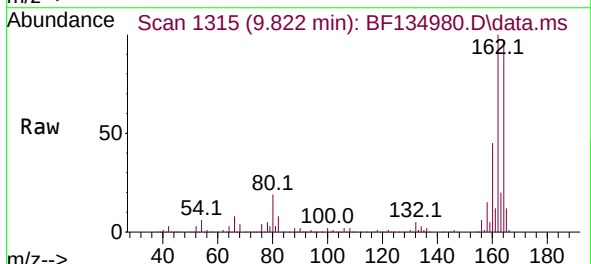
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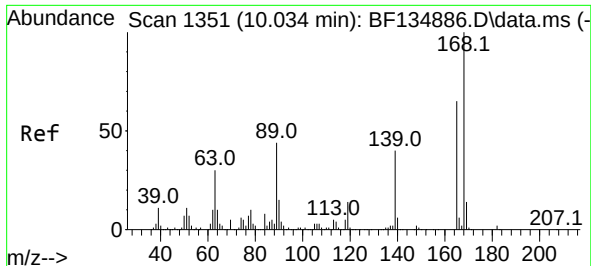
Tgt Ion:163 Resp: 48912
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 485.8 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 8.187 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.194 min
Lab File: BF134980.D
Acq: 29 Aug 2023 13:04

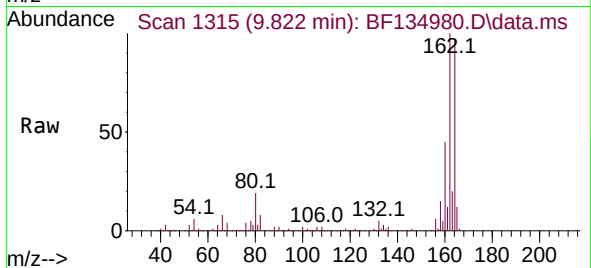
Tgt Ion:165 Resp: 30723
Ion Ratio Lower Upper
165 100
63 1.2 41.4 62.2#
89 1.5 40.9 61.3#



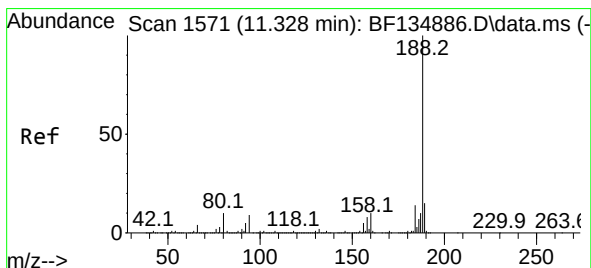
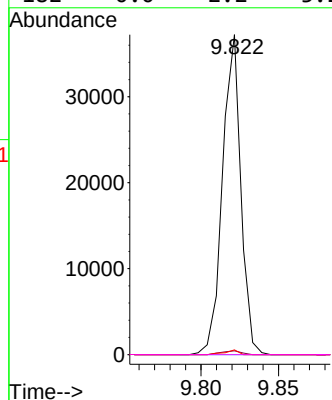
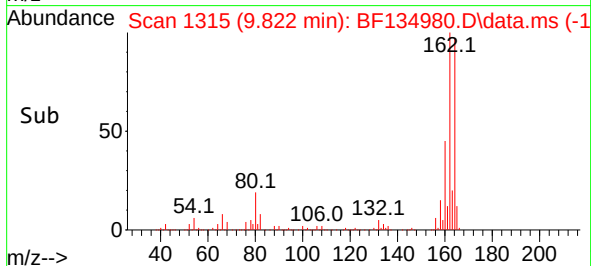


#57
2,4-Dinitrotoluene
Concen: 6.620 ng
RT: 9.822 min Scan# 1351
Delta R.T. -0.212 min
Lab File: BF134980.D
Acq: 29 Aug 2023 13:04

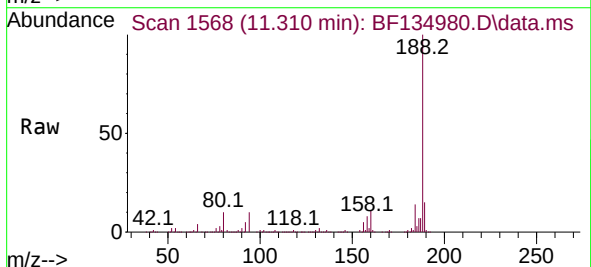
Instrument :
BNA_F
ClientSampleId :
PB155117BL



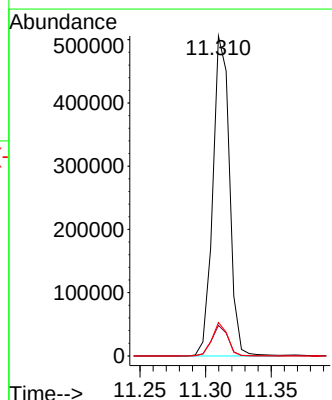
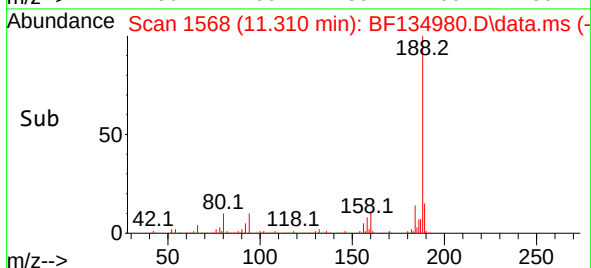
Tgt Ion:165 Resp: 30723
Ion Ratio Lower Upper
165 100
63 1.2 37.7 56.5#
89 1.5 54.2 81.4#
182 0.0 2.2 3.2#

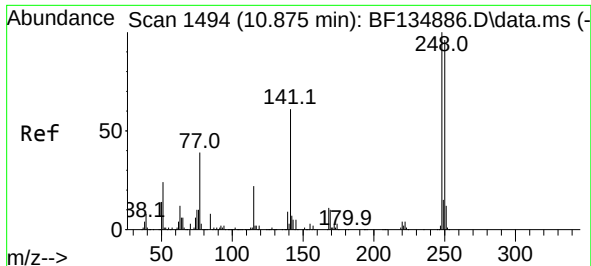


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF134980.D
Acq: 29 Aug 2023 13:04



Tgt Ion:188 Resp: 446131
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 10.4 7.8 11.6

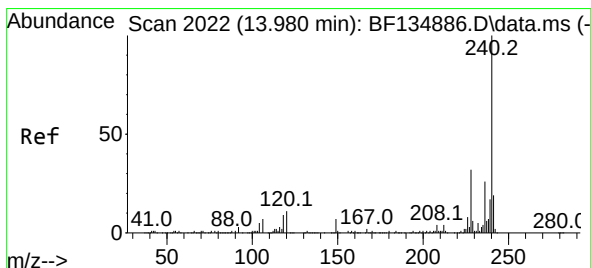
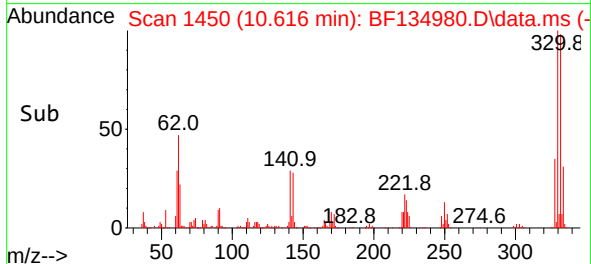
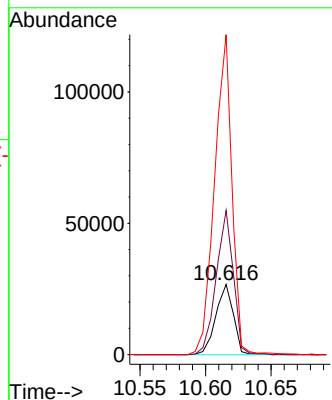
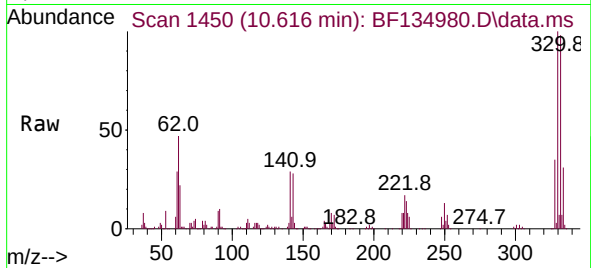




#67
4-Bromophenyl-phenylether
Concen: 4.837 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF134980.D
Acq: 29 Aug 2023 13:04

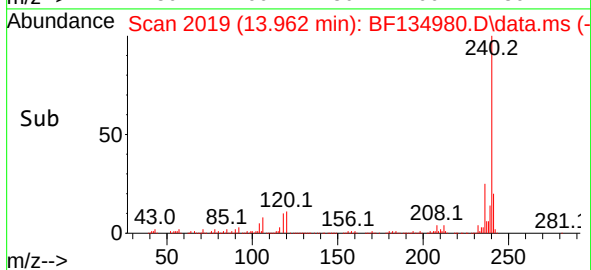
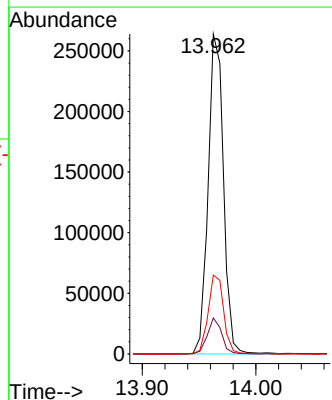
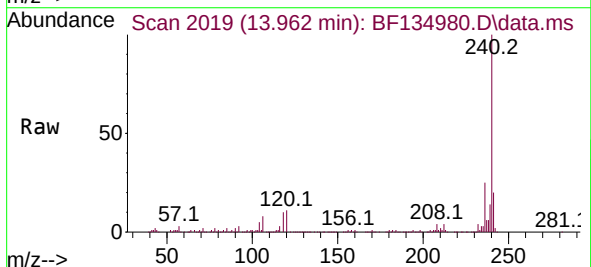
Instrument :
BNA_F
ClientSampleId :
PB155117BL

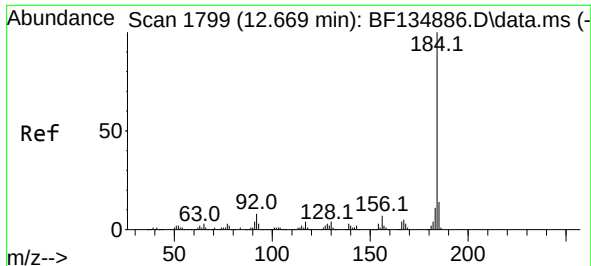
Tgt Ion:248 Resp: 24898
Ion Ratio Lower Upper
248 100
250 205.5 77.1 115.7#
141 456.5 49.0 73.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF134980.D
Acq: 29 Aug 2023 13:04

Tgt Ion:240 Resp: 248254
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 24.6 20.6 31.0

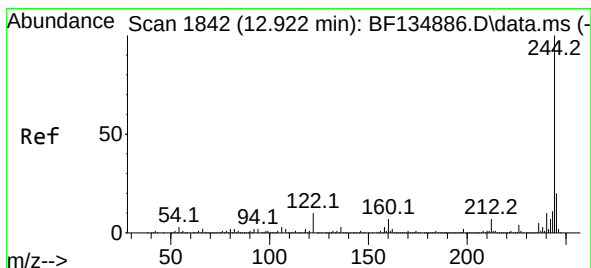
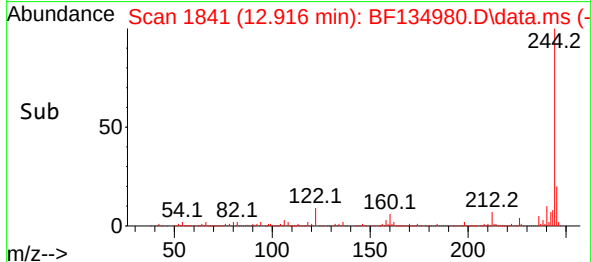
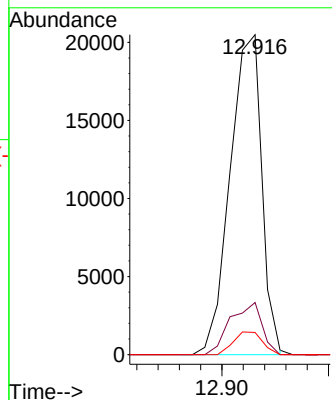
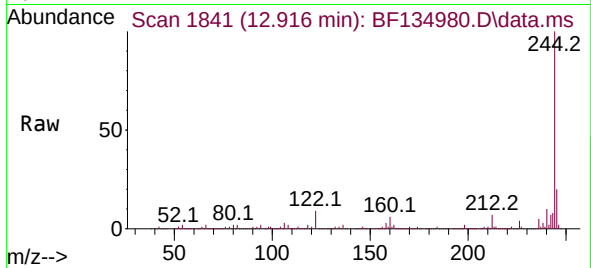




#77
Benzidine
Concen: 5.243 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.246 min
Lab File: BF134980.D
Acq: 29 Aug 2023 13:04

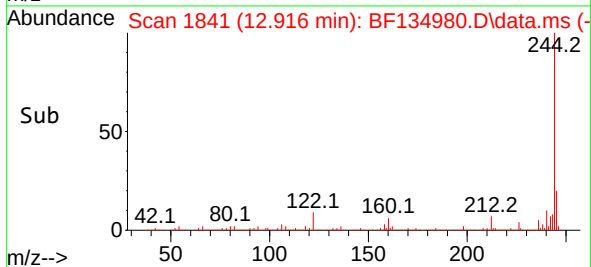
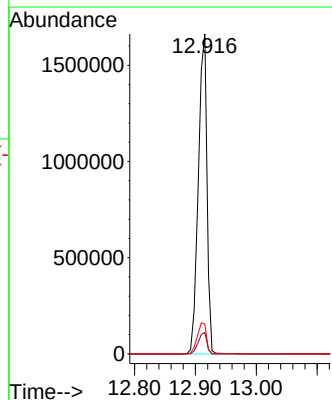
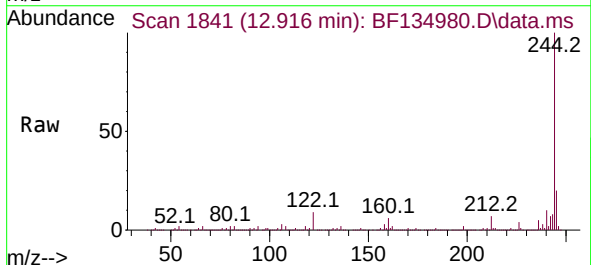
Instrument :
BNA_F
ClientSampleId :
PB155117BL

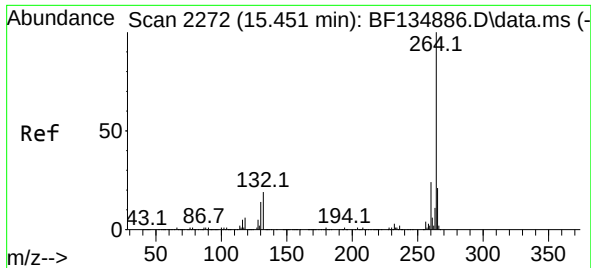
Tgt Ion:184 Resp: 21120
Ion Ratio Lower Upper
184 100
185 16.3 11.4 17.0
183 6.9 9.0 13.4#



#79
Terphenyl-d14
Concen: 90.766 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.007 min
Lab File: BF134980.D
Acq: 29 Aug 2023 13:04

Tgt Ion:244 Resp: 1638293
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 9.4 8.2 12.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF134980.D
Acq: 29 Aug 2023 13:04

Instrument :
BNA_F
ClientSampleId :
PB155117BL

Tgt Ion:264 Resp: 237417
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 20.9 17.1 25.7

