

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134986.D
 Acq On : 29 Aug 2023 16:17
 Operator : CG\JU
 Sample : PB155045TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155045TB

Quant Time: Aug 29 22:27:09 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)

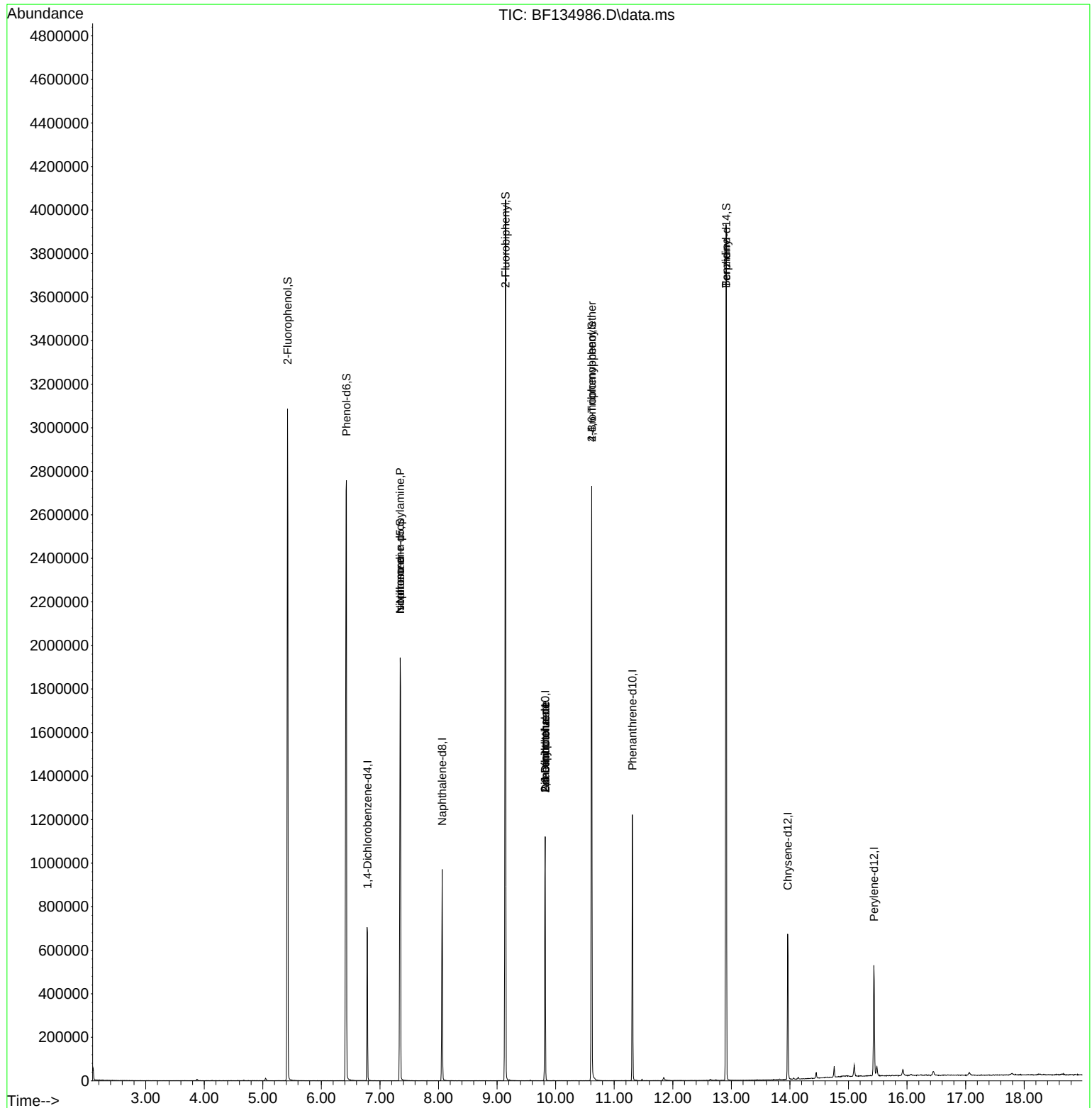
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	104570	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	426763	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	226599	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	427113	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	227341	20.000	ng	-0.02
86) Perylene-d12	15.433	264	232397	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	907485	138.388	ng	0.00
7) Phenol-d6	6.428	99	1133076	135.223	ng	-0.01
23) Nitrobenzene-d5	7.345	82	716286	92.487	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	349272	130.874	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1316873	89.839	ng	-0.01
79) Terphenyl-d14	12.916	244	1556746	94.182	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	98176	20.061	ng	# 80
25) Isophorone	7.345	82	711455	49.196	ng	# 64
50) Dimethylphthalate	9.822	163	46284	2.870	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	28867	8.114	ng	# 28
57) 2,4-Dinitrotoluene	9.822	165	28867	6.561	ng	# 25
67) 4-Bromophenyl-phenylether	10.616	248	22992	4.666	ng	# 1
77) Benzidine	12.910	184	19825	5.375	ng	# 91

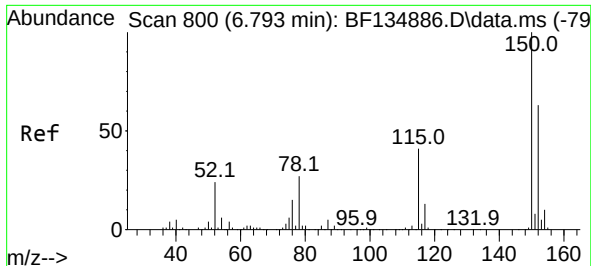
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
Data File : BF134986.D
Acq On : 29 Aug 2023 16:17
Operator : CG\JU
Sample : PB155045TB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB155045TB

Quant Time: Aug 29 22:27:09 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

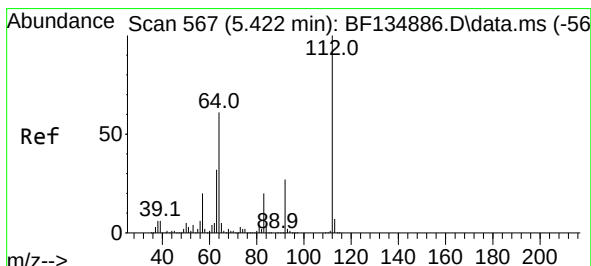
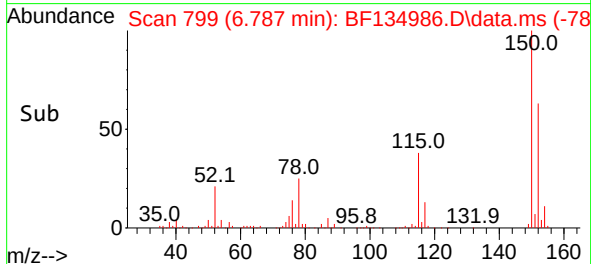
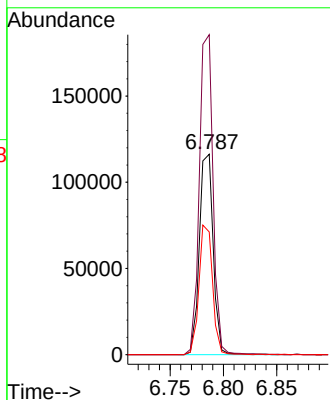
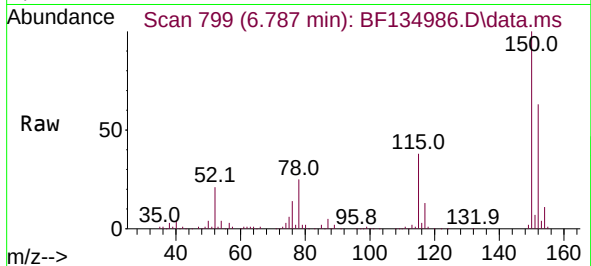




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

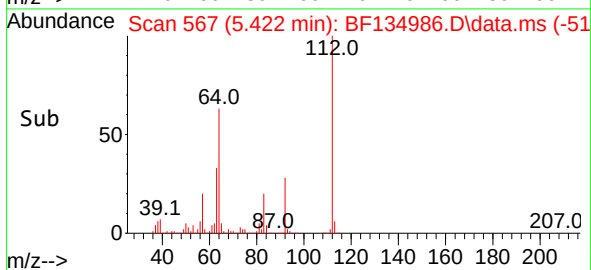
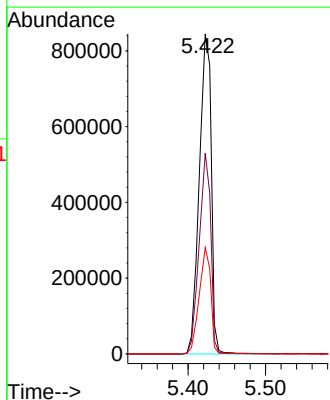
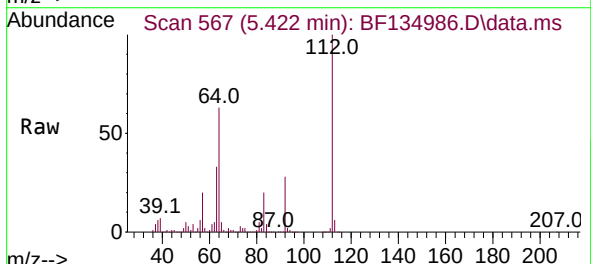
Instrument :
BNA_F
ClientSampleId :
PB155045TB

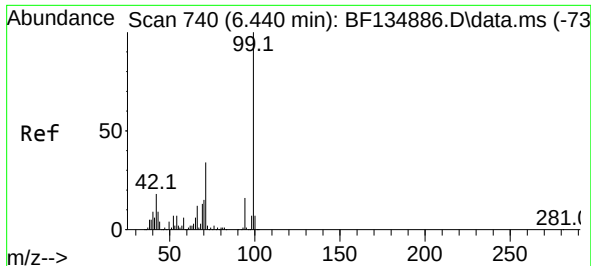
Tgt Ion:152 Resp: 104570
Ion Ratio Lower Upper
152 100
150 159.7 126.1 189.1
115 61.2 51.1 76.7



#5
2-Fluorophenol
Concen: 138.388 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

Tgt Ion:112 Resp: 907485
Ion Ratio Lower Upper
112 100
64 62.7 48.6 73.0
63 33.2 25.7 38.5

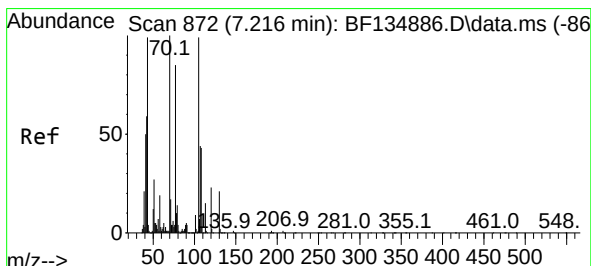
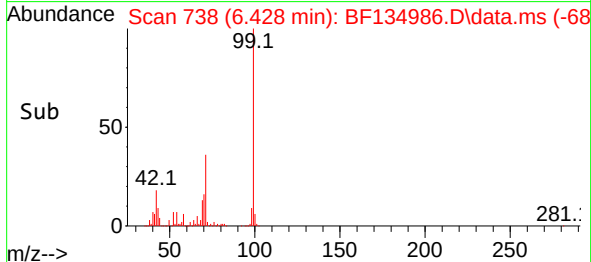
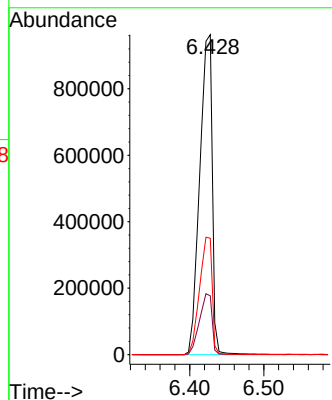
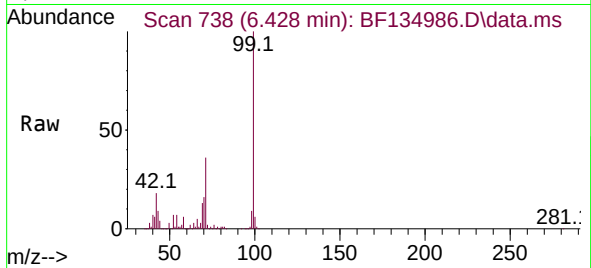




#7
Phenol-d6
Concen: 135.223 ng
RT: 6.428 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

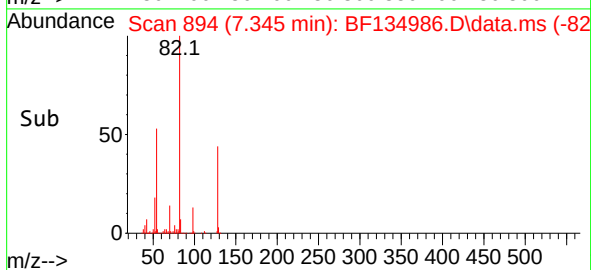
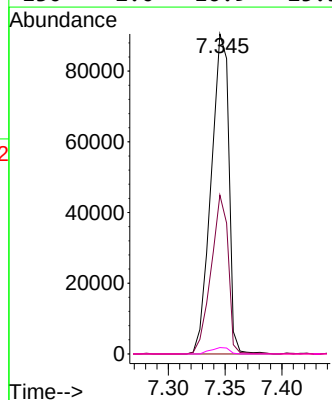
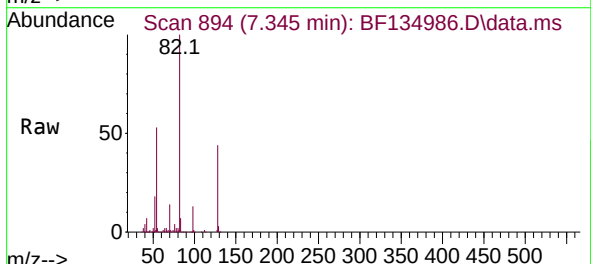
Instrument :
BNA_F
ClientSampleId :
PB155045TB

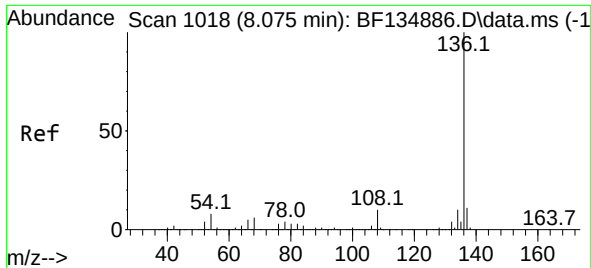
Tgt Ion: 99 Resp: 1133076
Ion Ratio Lower Upper
99 100
42 18.4 14.6 22.0
71 36.4 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.061 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.129 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

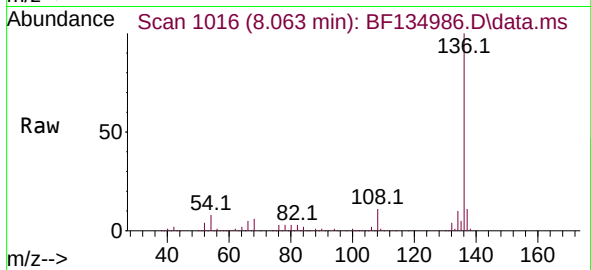
Tgt Ion: 70 Resp: 98176
Ion Ratio Lower Upper
70 100
42 49.6 46.9 70.3
101 0.0 7.5 11.3#
130 2.0 16.9 25.3#





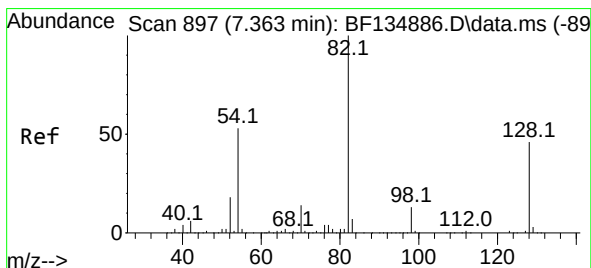
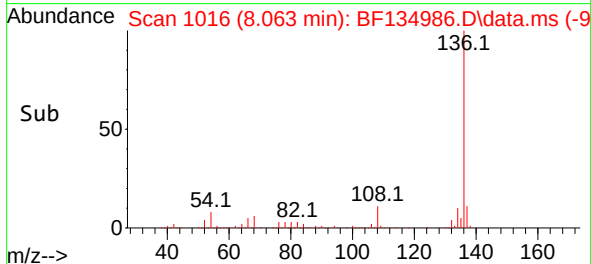
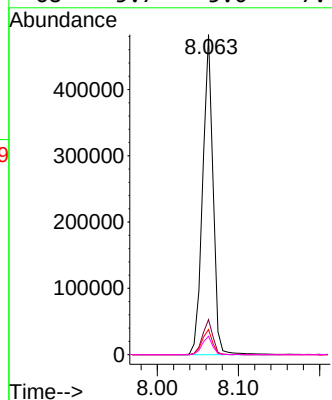
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

Instrument :
BNA_F
ClientSampleId :
PB155045TB



Tgt Ion:136 Resp: 426763

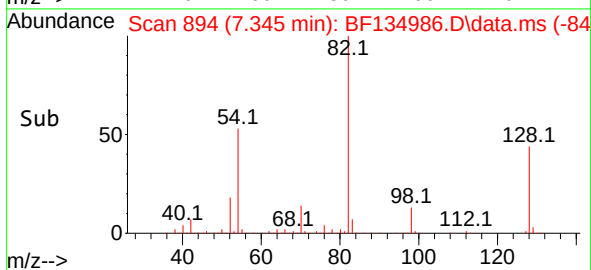
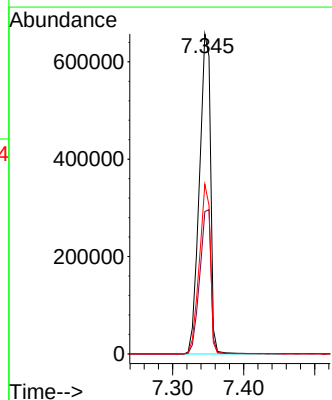
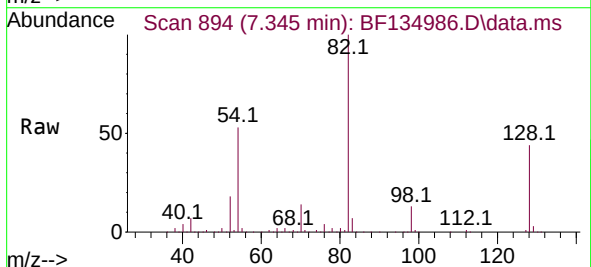
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.9	6.6	9.8
68	5.7	5.0	7.4

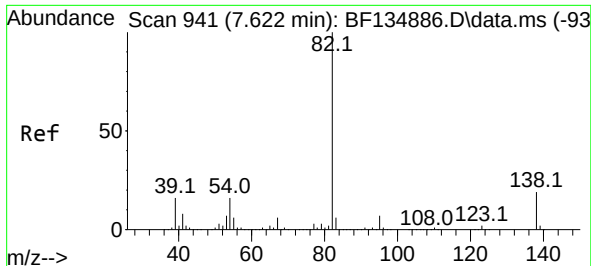


#23
Nitrobenzene-d5
Concen: 92.487 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

Tgt Ion: 82 Resp: 716286

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.6	54.8
54	53.0	42.6	63.8

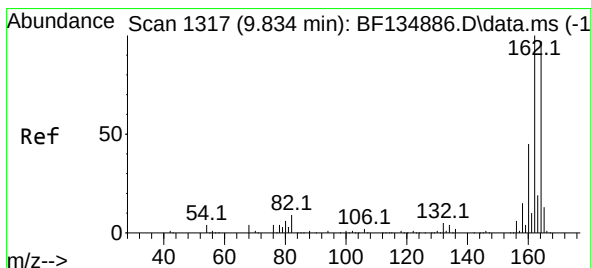
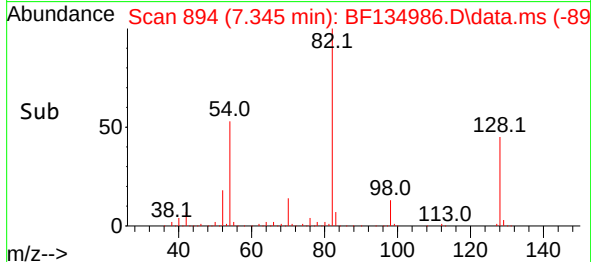
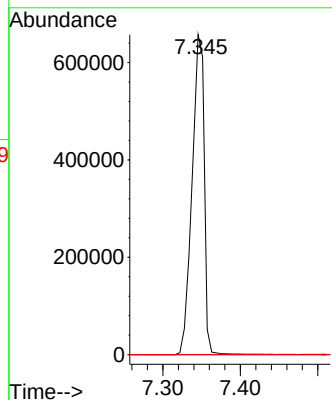
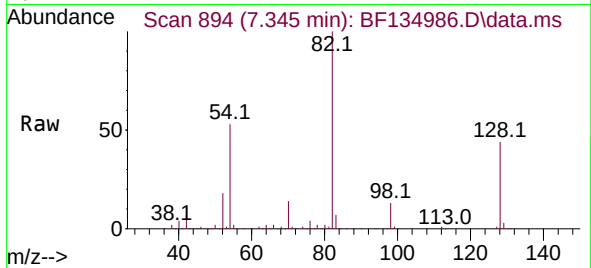




#25
Isophorone
Concen: 49.196 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

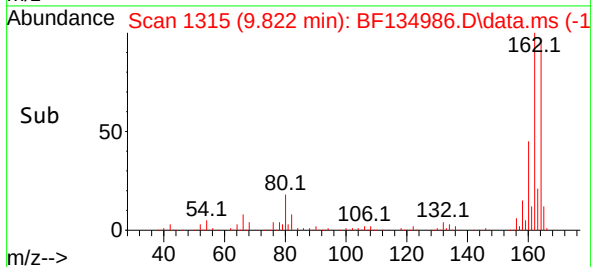
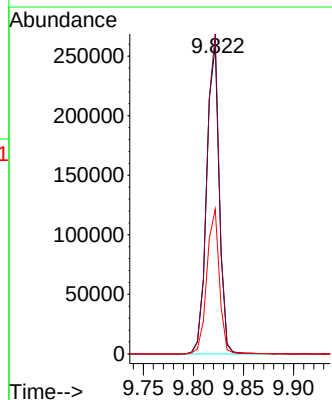
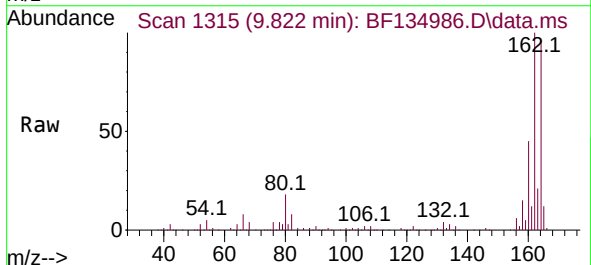
Instrument :
BNA_F
ClientSampleId :
PB155045TB

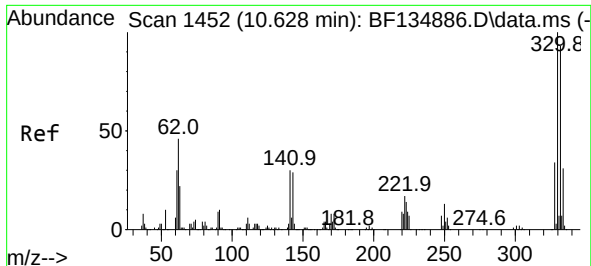
Tgt Ion: 82 Resp: 711455
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

Tgt Ion:164 Resp: 226599
Ion Ratio Lower Upper
164 100
162 103.7 82.6 123.8
160 46.9 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 130.874 ng

RT: 10.616 min Scan# 1452

Delta R.T. -0.012 min

Lab File: BF134986.D

Acq: 29 Aug 2023 16:17

Instrument :

BNA_F

ClientSampleId :

PB155045TB

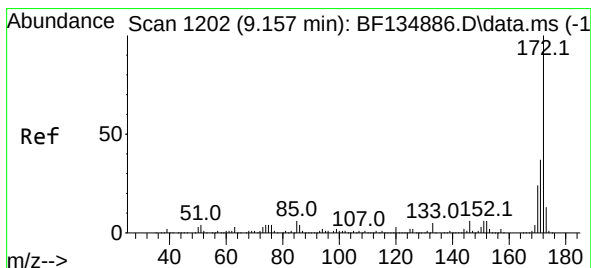
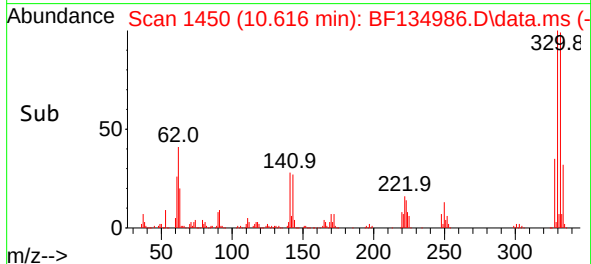
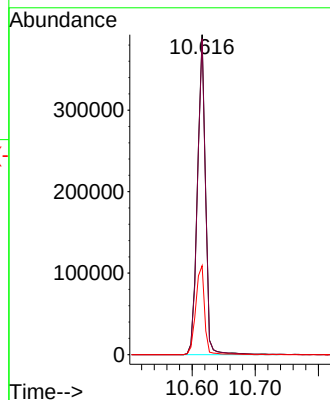
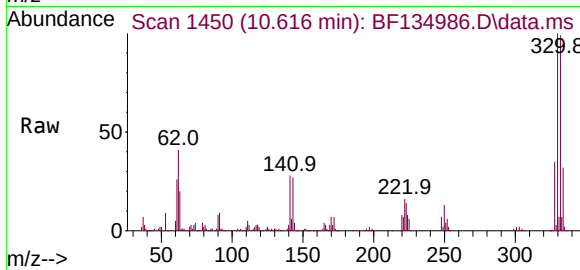
Tgt Ion:330 Resp: 349272

Ion Ratio Lower Upper

330 100

332 98.3 76.3 114.5

141 30.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 89.839 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF134986.D

Acq: 29 Aug 2023 16:17

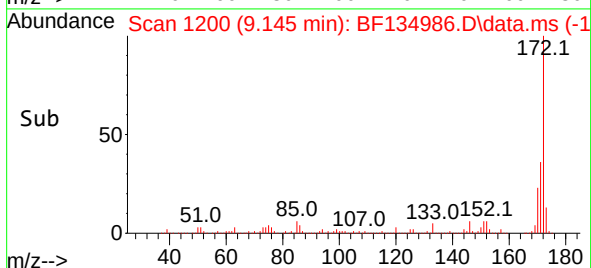
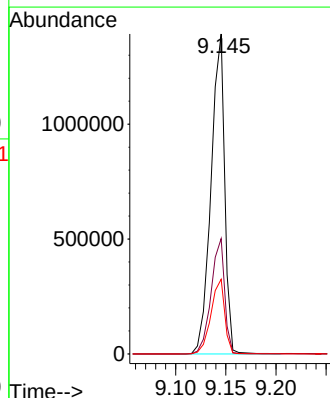
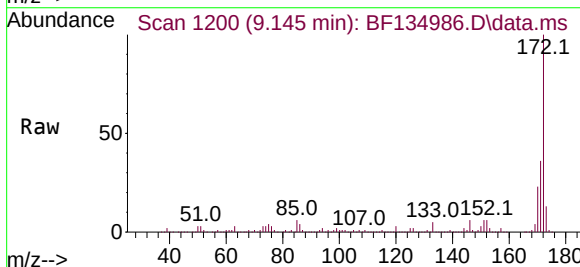
Tgt Ion:172 Resp: 1316873

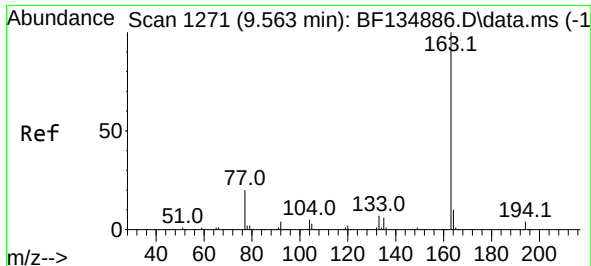
Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

170 23.3 19.6 29.4

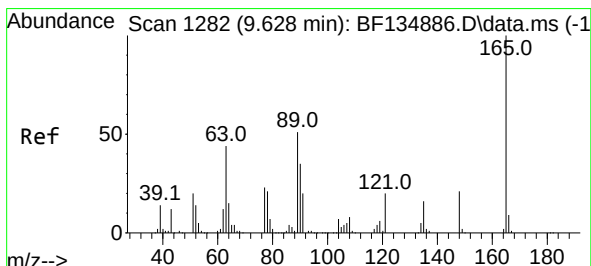
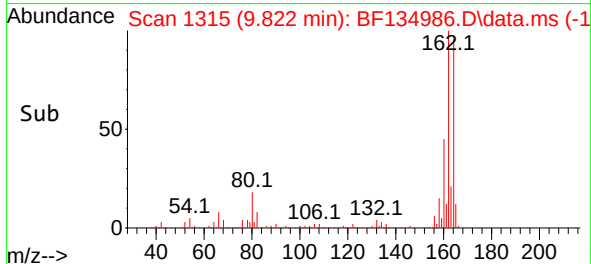
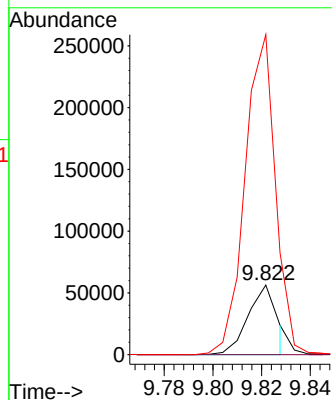
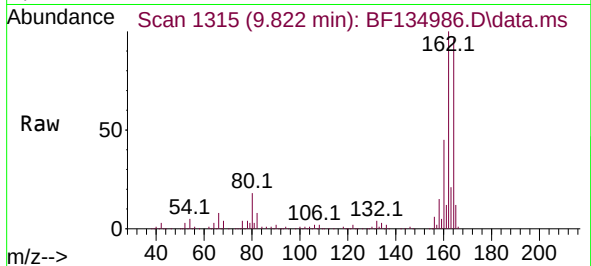




#50
Dimethylphthalate
Concen: 2.870 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.259 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

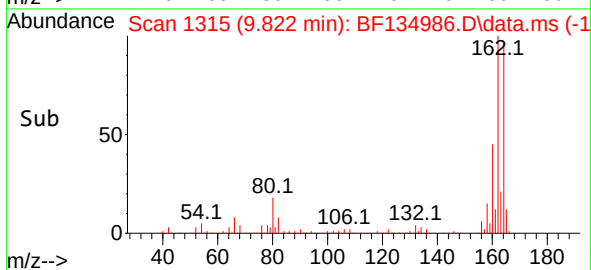
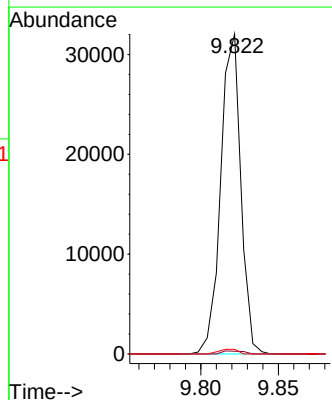
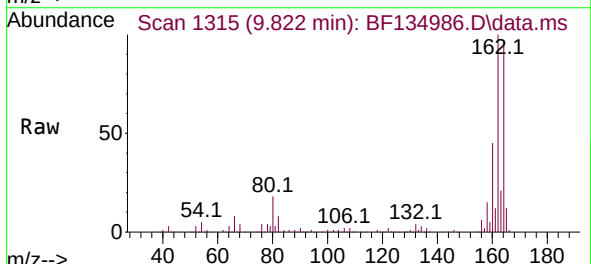
Instrument :
BNA_F
ClientSampleId :
PB155045TB

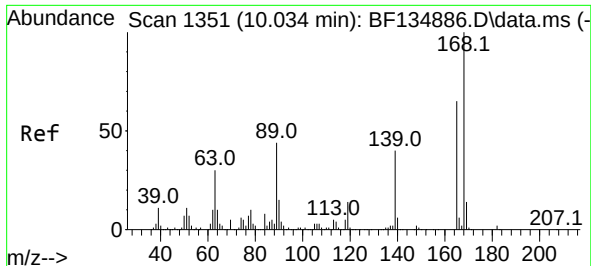
Tgt Ion:163 Resp: 46284
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 460.4 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 8.114 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.194 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

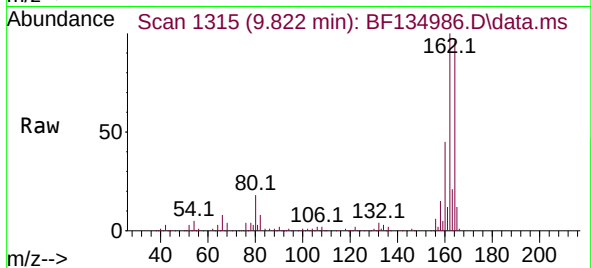
Tgt Ion:165 Resp: 28867
Ion Ratio Lower Upper
165 100
63 0.8 41.4 62.2#
89 1.4 40.9 61.3#



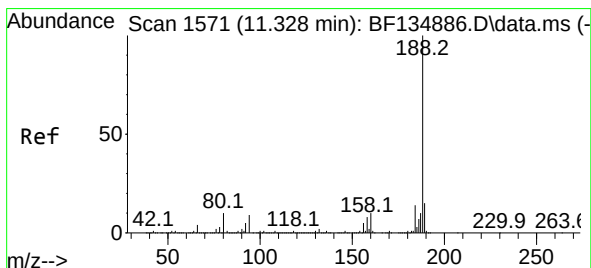
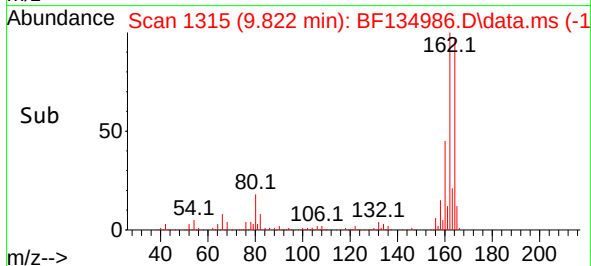
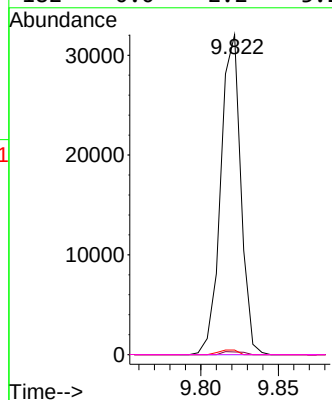


#57
2,4-Dinitrotoluene
Concen: 6.561 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.212 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

Instrument :
BNA_F
ClientSampleId :
PB155045TB

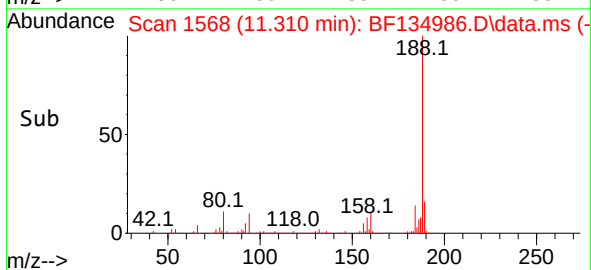
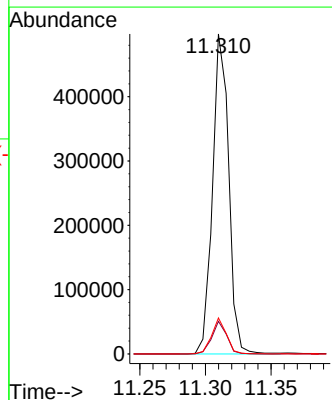
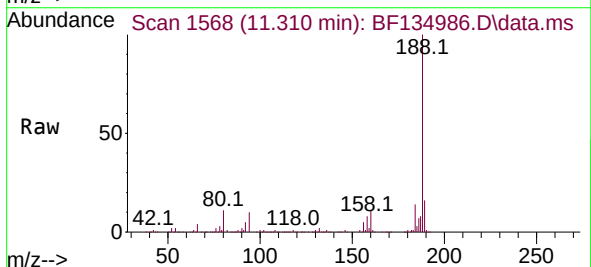


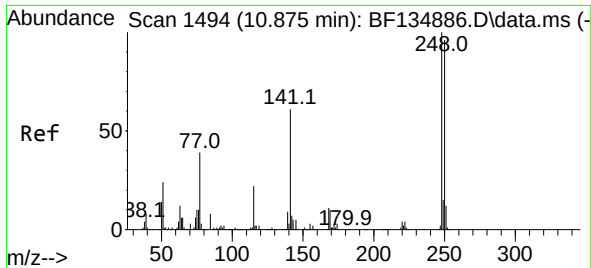
Tgt Ion:165 Resp: 28867
Ion Ratio Lower Upper
165 100
63 0.8 37.7 56.5#
89 1.4 54.2 81.4#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

Tgt Ion:188 Resp: 427113
Ion Ratio Lower Upper
188 100
94 10.2 7.5 11.3
80 11.2 7.8 11.6

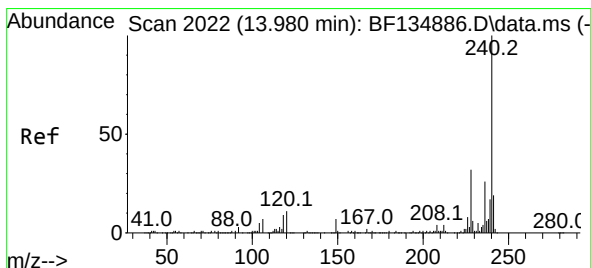
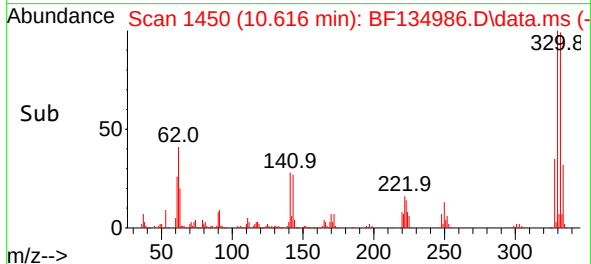
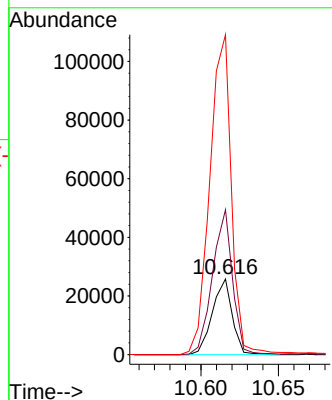
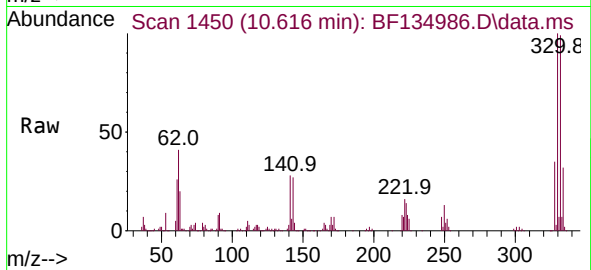




#67
4-Bromophenyl-phenylether
Concen: 4.666 ng
RT: 10.616 min Scan# 1494
Delta R.T. -0.259 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

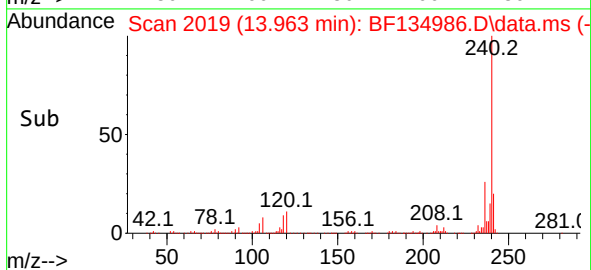
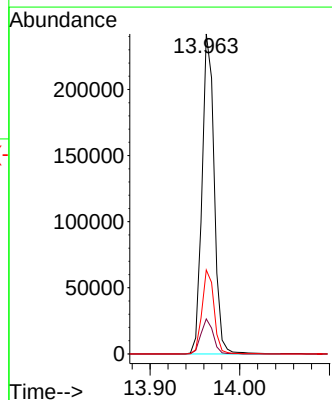
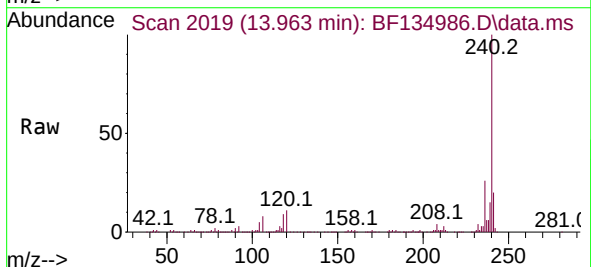
Instrument :
BNA_F
ClientSampleId :
PB155045TB

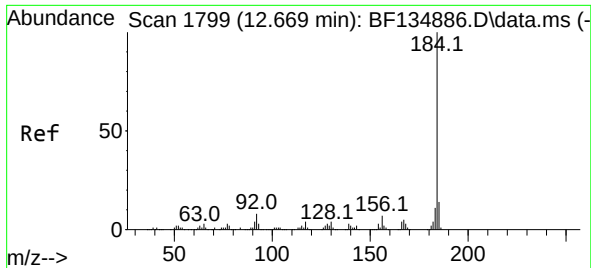
Tgt Ion:248 Resp: 22992
Ion Ratio Lower Upper
248 100
250 191.6 77.1 115.7#
141 423.0 49.0 73.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

Tgt Ion:240 Resp: 227341
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 26.2 20.6 31.0

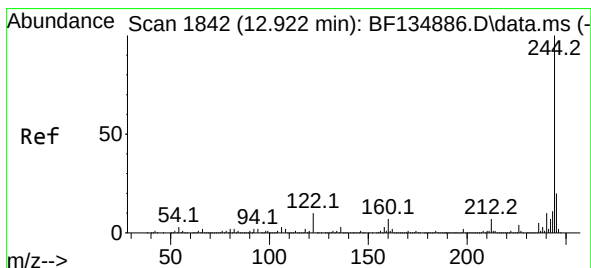
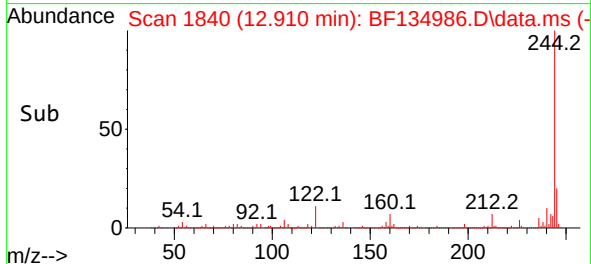
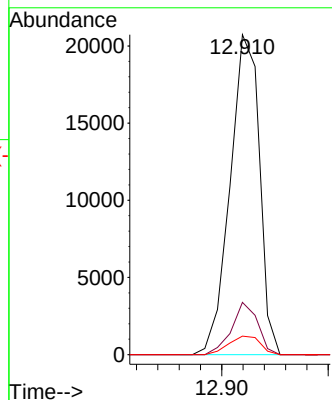
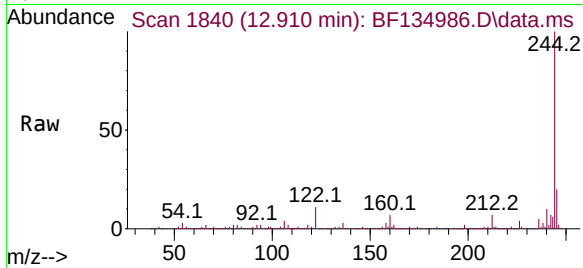




#77
Benzidine
Concen: 5.375 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.241 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

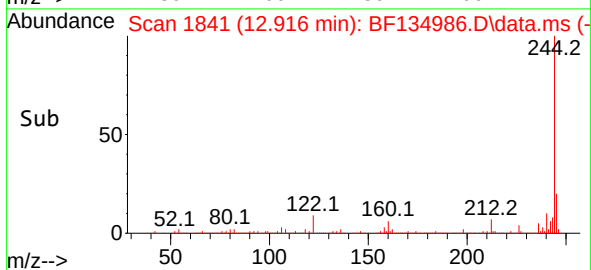
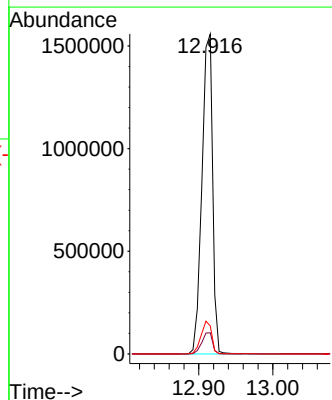
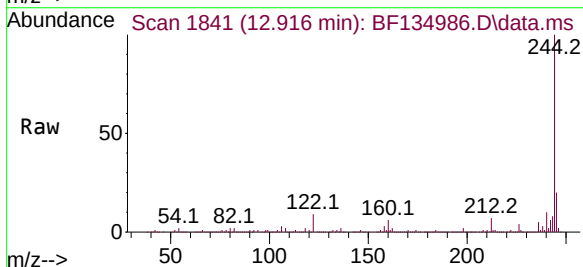
Instrument :
BNA_F
ClientSampleId :
PB155045TB

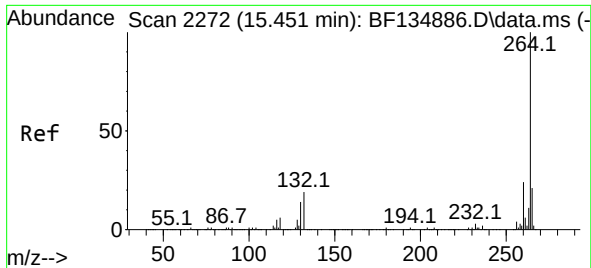
Tgt Ion:184 Resp: 19825
Ion Ratio Lower Upper
184 100
185 16.3 11.4 17.0
183 5.8 9.0 13.4#



#79
Terphenyl-d14
Concen: 94.182 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF134986.D
Acq: 29 Aug 2023 16:17

Tgt Ion:244 Resp: 1556746
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 8.8 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: BF134986.D
 Acq: 29 Aug 2023 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB155045TB

Tgt Ion:264 Resp: 232397
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.5 17.1 25.7

