

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134996.D
 Acq On : 29 Aug 2023 21:53
 Operator : CG\JU
 Sample : 04109-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Quant Time: Aug 29 22:31:18 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)

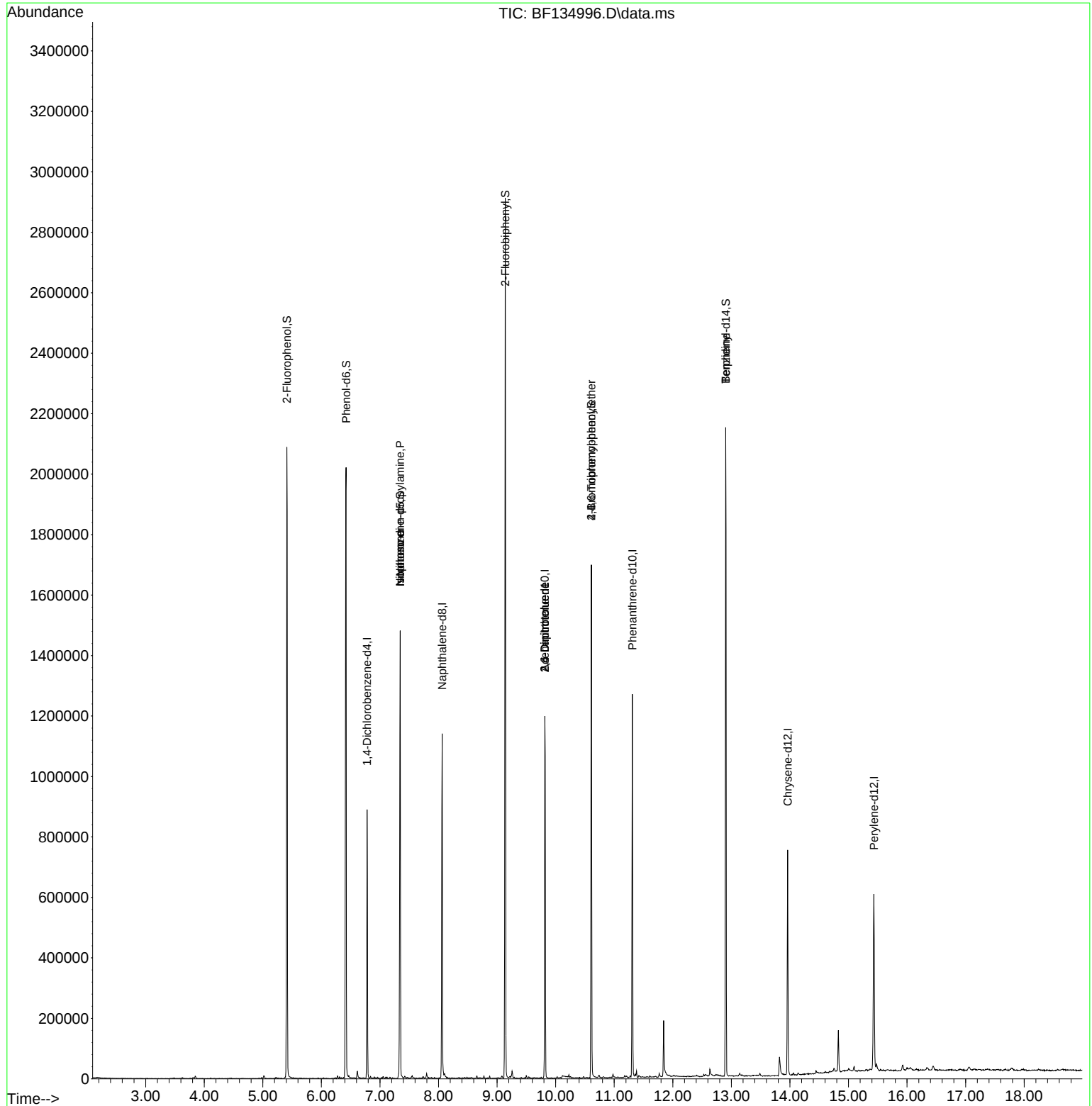
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	122241	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	488421	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	242397	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	421176	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	225148	20.000	ng	-0.02
86) Perylene-d12	15.433	264	265340	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	566646	73.920	ng	-0.01
7) Phenol-d6	6.422	99	722216	73.731	ng	-0.02
23) Nitrobenzene-d5	7.345	82	446633	50.389	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	190491	66.726	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	833814	53.177	ng	-0.02
79) Terphenyl-d14	12.904	244	748004	45.695	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	61337	10.722	ng	# 77
25) Isophorone	7.345	82	442230	26.719	ng	# 64
51) 2,6-Dinitrotoluene	9.816	165	31791	8.354	ng	# 28
57) 2,4-Dinitrotoluene	9.816	165	31791	6.755	ng	# 25
67) 4-Bromophenyl-phenylether	10.610	248	13089	2.694	ng	# 1
77) Benzdine	12.904	184	9450	2.587	ng	# 94

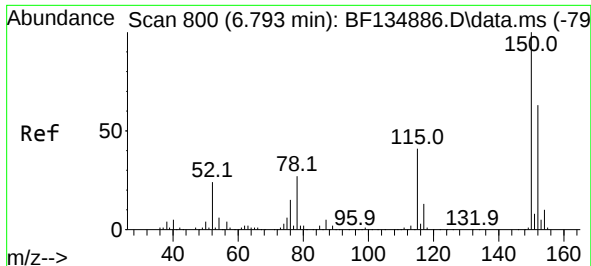
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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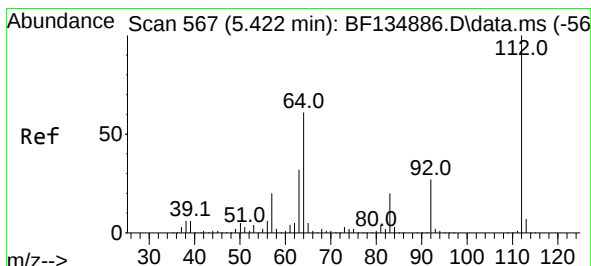
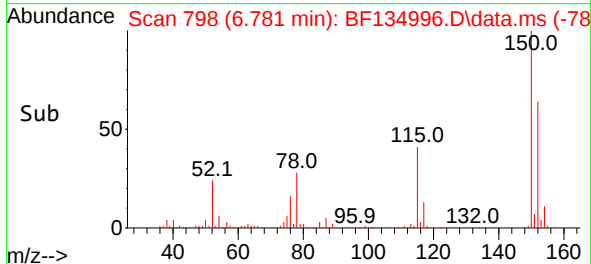
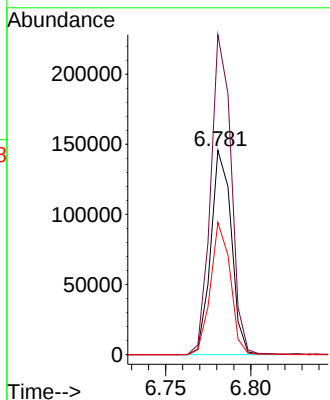
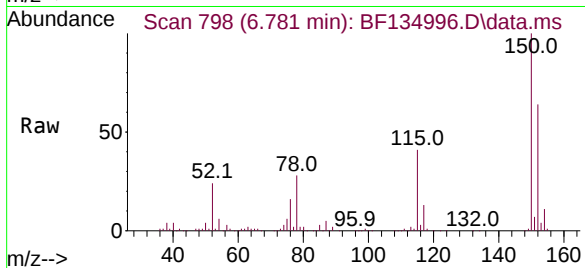




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF134996.D
Acq: 29 Aug 2023 21:53

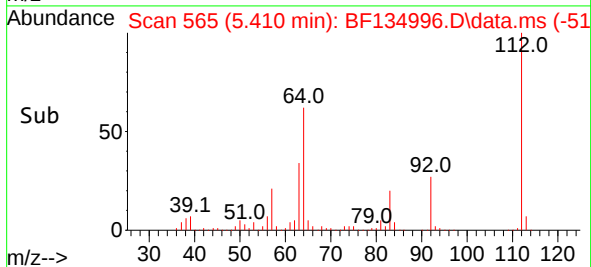
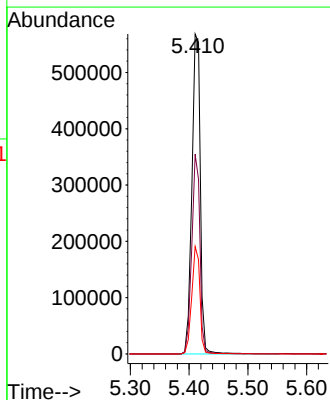
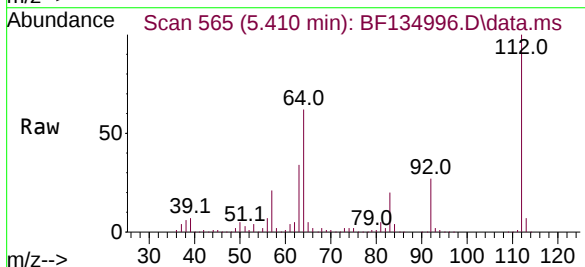
Instrument :
BNA_F
ClientSampleId :
DUP-1

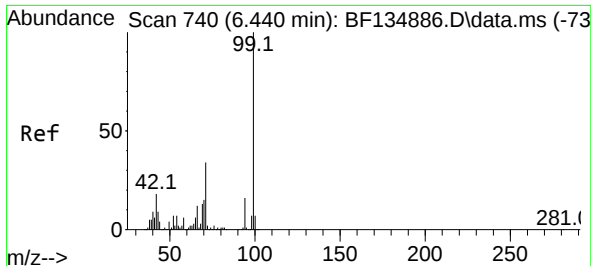
Tgt Ion:152 Resp: 122241
Ion Ratio Lower Upper
152 100
150 156.7 126.1 189.1
115 64.8 51.1 76.7



#5
2-Fluorophenol
Concen: 73.920 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.012 min
Lab File: BF134996.D
Acq: 29 Aug 2023 21:53

Tgt Ion:112 Resp: 566646
Ion Ratio Lower Upper
112 100
64 62.4 48.6 73.0
63 33.5 25.7 38.5

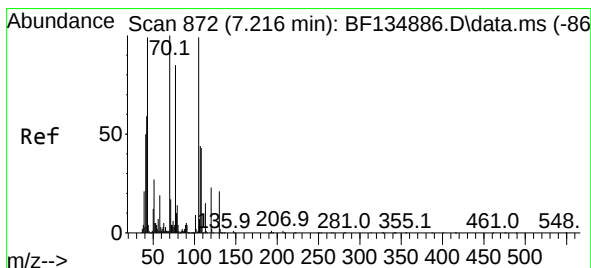
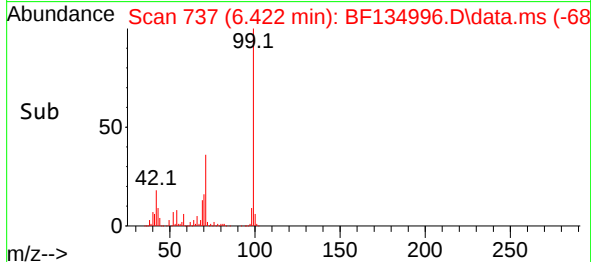
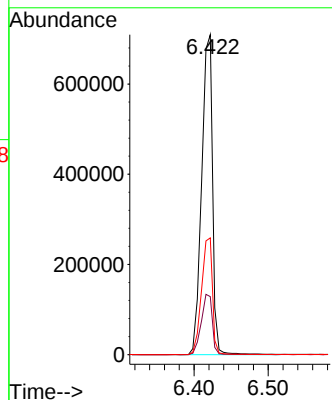
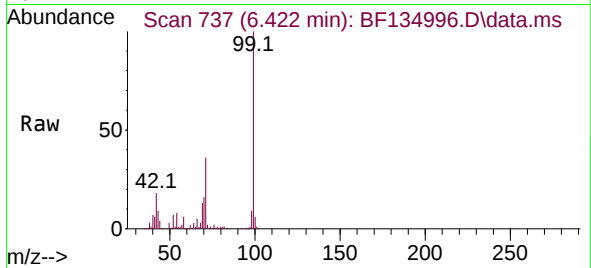




#7
Phenol-d6
Concen: 73.731 ng
RT: 6.422 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF134996.D
Acq: 29 Aug 2023 21:53

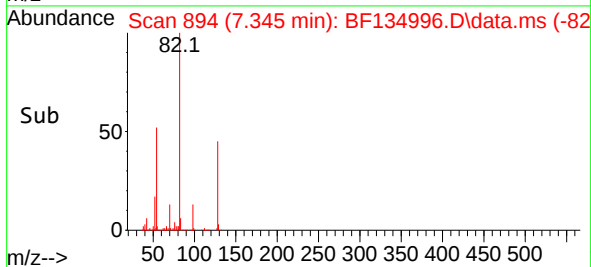
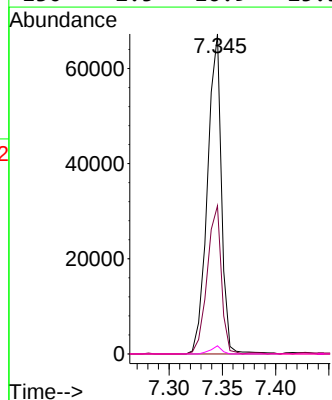
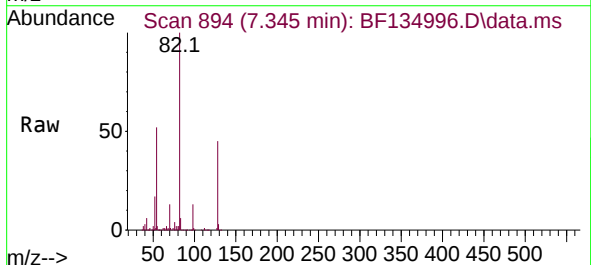
Instrument :
BNA_F
ClientSampleId :
DUP-1

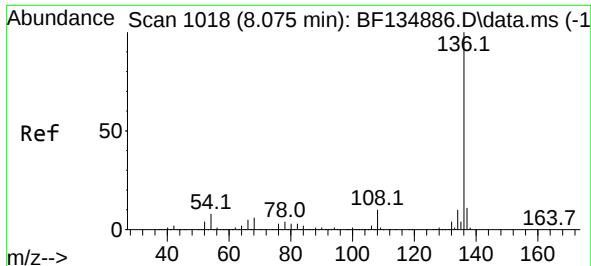
Tgt Ion: 99 Resp: 722216
Ion Ratio Lower Upper
99 100
42 18.1 14.6 22.0
71 36.5 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.722 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.129 min
Lab File: BF134996.D
Acq: 29 Aug 2023 21:53

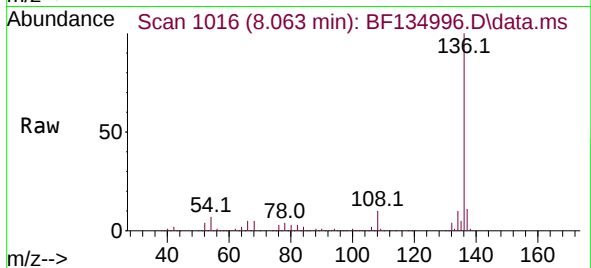
Tgt Ion: 70 Resp: 61337
Ion Ratio Lower Upper
70 100
42 46.3 46.9 70.3#
101 0.0 7.5 11.3#
130 2.5 16.9 25.3#



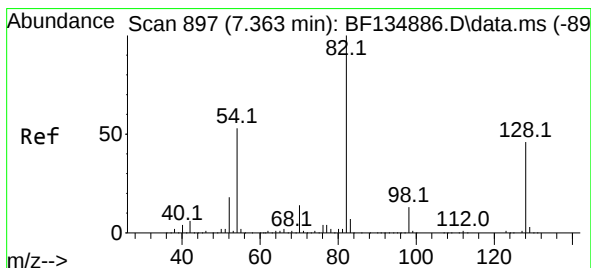
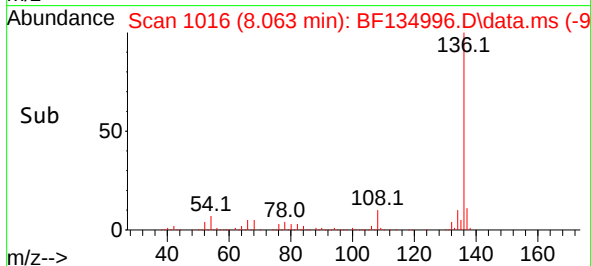
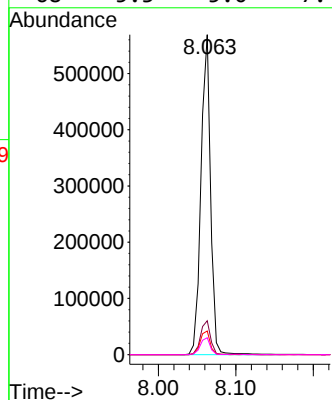


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF134996.D
Acq: 29 Aug 2023 21:53

Instrument :
BNA_F
ClientSampleId :
DUP-1

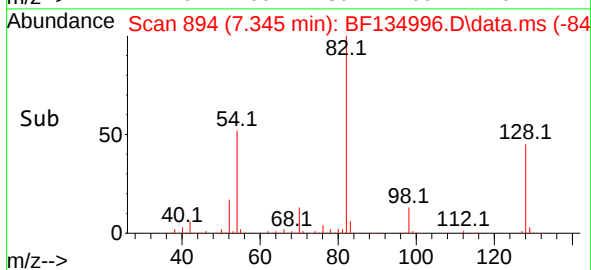
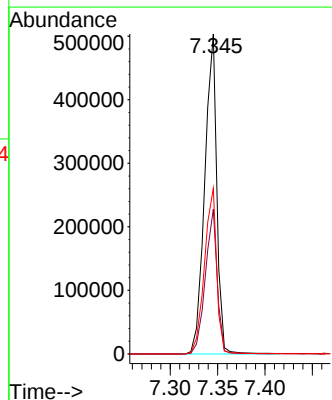
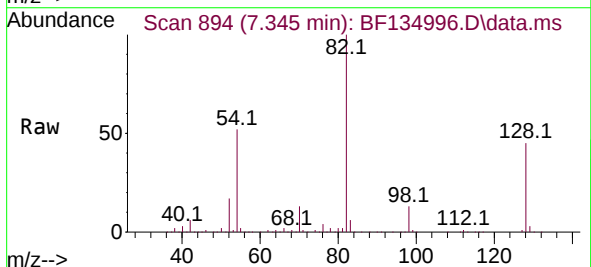


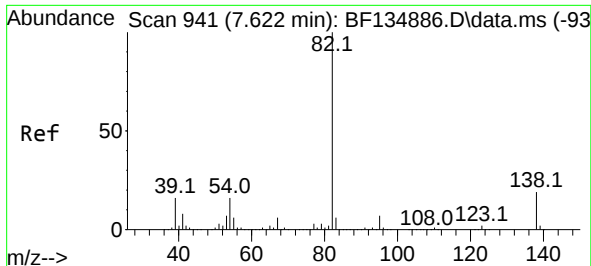
Tgt Ion:136	Resp: 488421
Ion Ratio	Lower Upper
136 100	
137 10.6	8.9 13.3
54 7.4	6.6 9.8
68 5.3	5.0 7.4



#23
Nitrobenzene-d5
Concen: 50.389 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF134996.D
Acq: 29 Aug 2023 21:53

Tgt Ion: 82	Resp: 446633
Ion Ratio	Lower Upper
82 100	
128 45.2	36.6 54.8
54 51.7	42.6 63.8

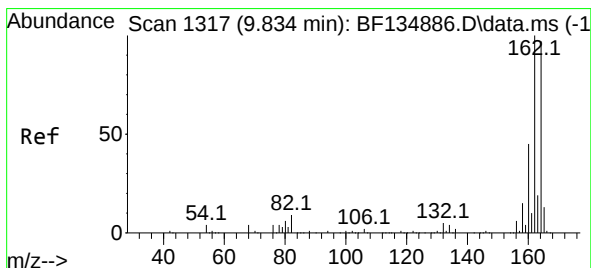
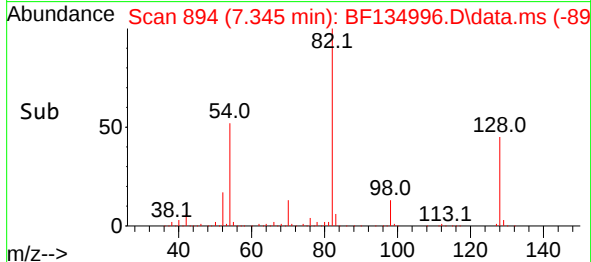
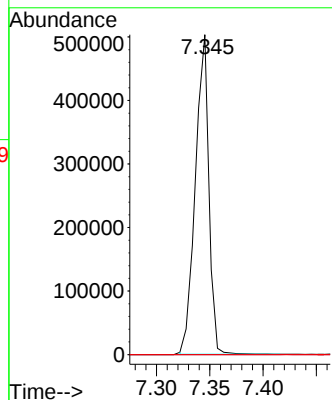
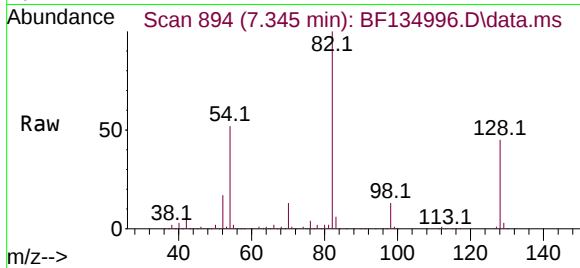




#25
Isophorone
Concen: 26.719 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF134996.D
Acq: 29 Aug 2023 21:53

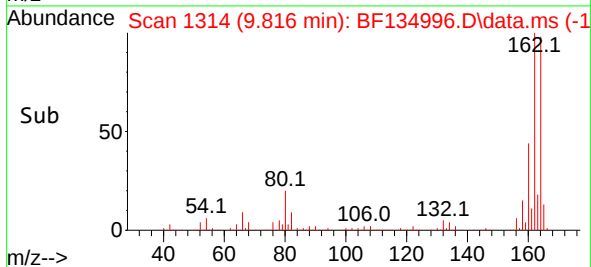
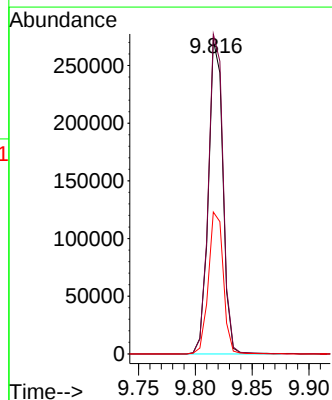
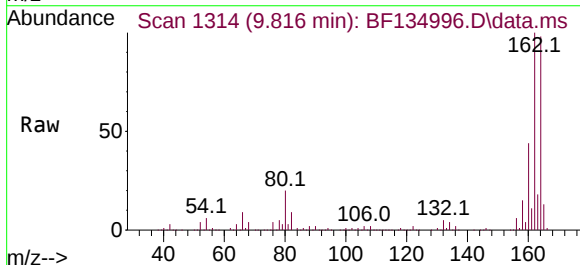
Instrument :
BNA_F
ClientSampleId :
DUP-1

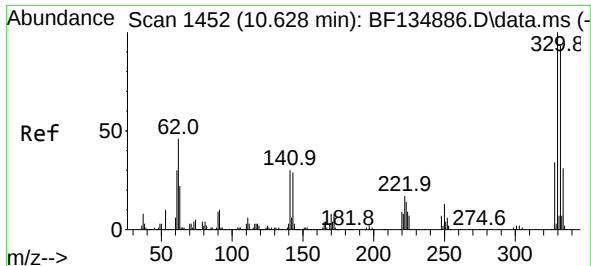
Tgt Ion: 82 Resp: 442230
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF134996.D
Acq: 29 Aug 2023 21:53

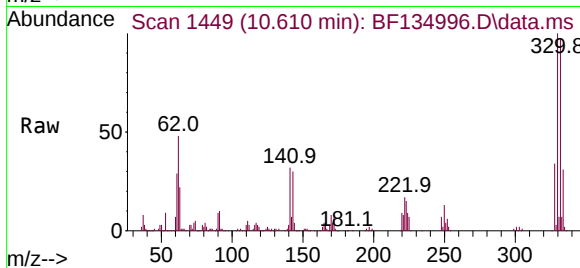
Tgt Ion:164 Resp: 242397
Ion Ratio Lower Upper
164 100
162 102.0 82.6 123.8
160 45.2 37.0 55.4



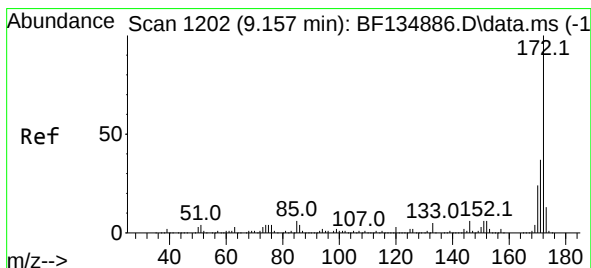
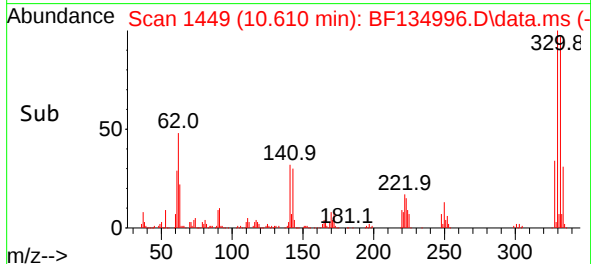
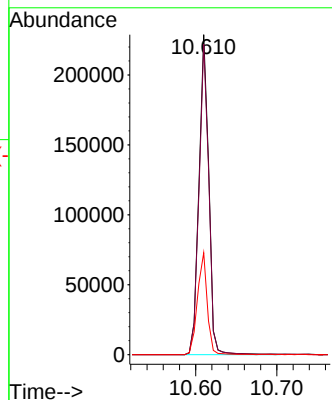


#42
2,4,6-Tribromophenol
Concen: 66.726 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF134996.D
Acq: 29 Aug 2023 21:53

Instrument :
BNA_F
ClientSampleId :
DUP-1

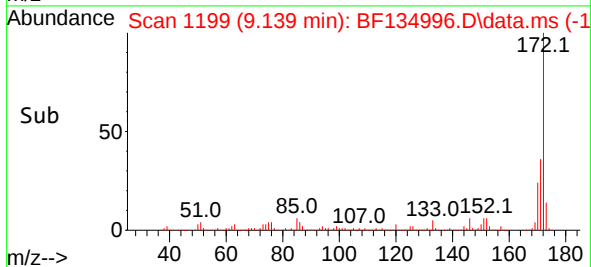
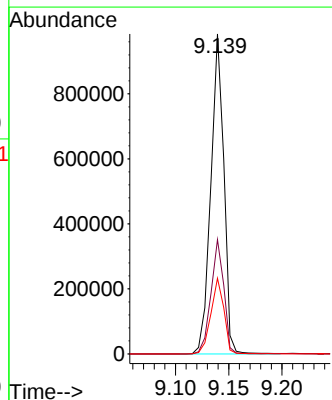
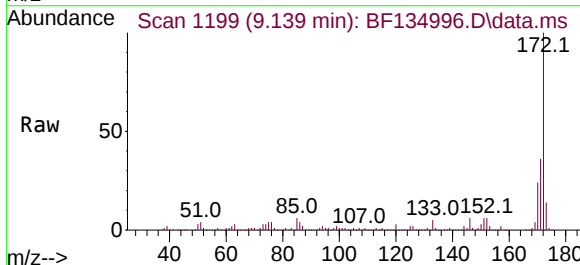


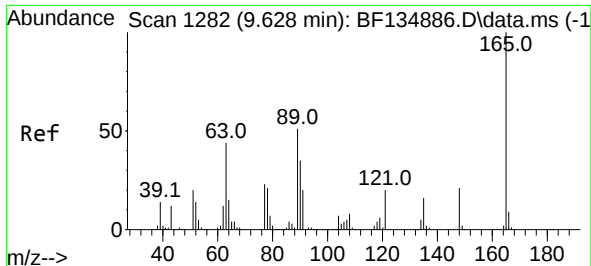
Tgt Ion: 330 Resp: 190491
Ion Ratio Lower Upper
330 100
332 96.8 76.3 114.5
141 31.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 53.177 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF134996.D
Acq: 29 Aug 2023 21:53

Tgt Ion: 172 Resp: 833814
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 23.6 19.6 29.4





#51

2,6-Dinitrotoluene

Concen: 8.354 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.188 min

Lab File: BF134996.D

Acq: 29 Aug 2023 21:53

Instrument :

BNA_F

ClientSampleId :

DUP-1

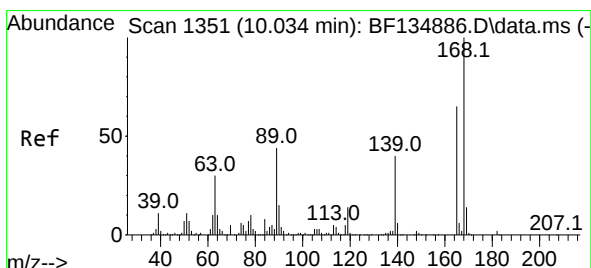
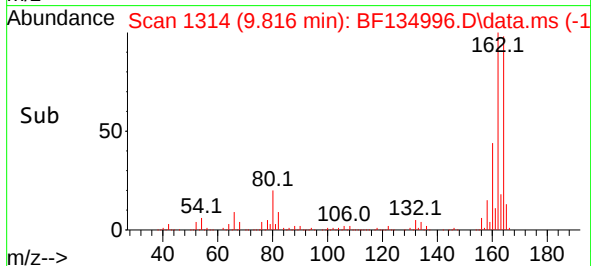
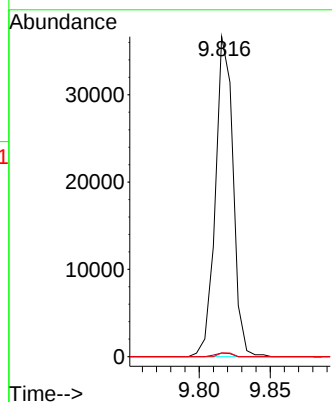
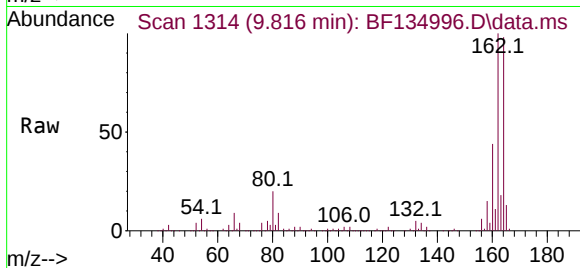
Tgt Ion:165 Resp: 31791

Ion Ratio Lower Upper

165 100

63 1.1 41.4 62.2#

89 1.1 40.9 61.3#



#57

2,4-Dinitrotoluene

Concen: 6.755 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.218 min

Lab File: BF134996.D

Acq: 29 Aug 2023 21:53

Tgt Ion:165 Resp: 31791

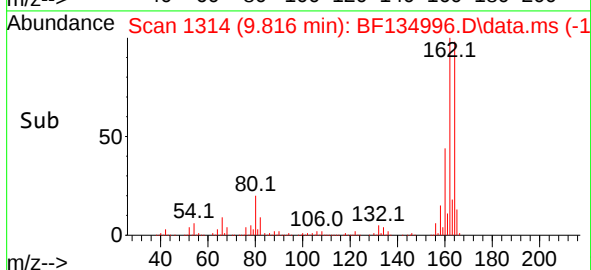
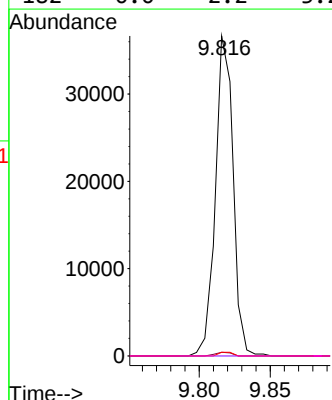
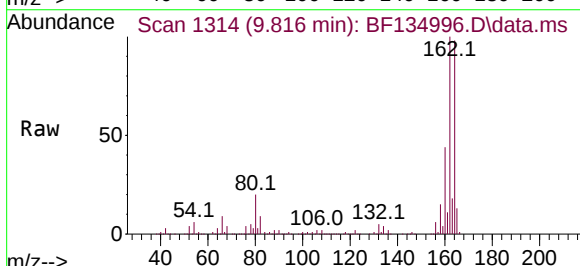
Ion Ratio Lower Upper

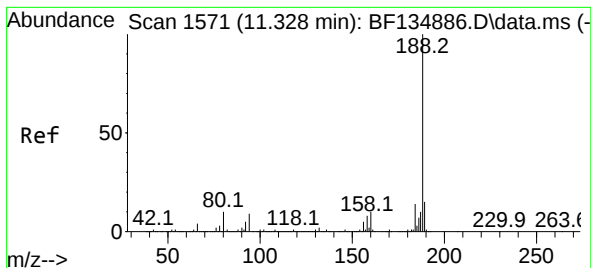
165 100

63 1.1 37.7 56.5#

89 1.1 54.2 81.4#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF134996.D

Acq: 29 Aug 2023 21:53

Instrument :

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ClientSampleId :

DUP-1

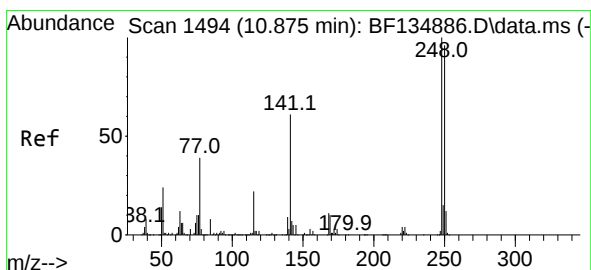
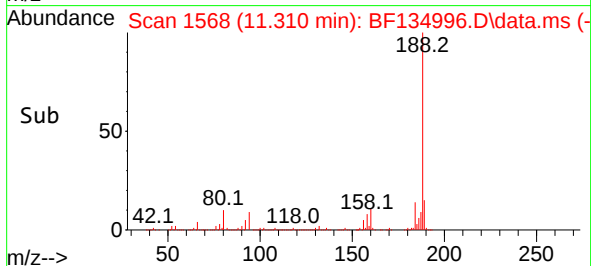
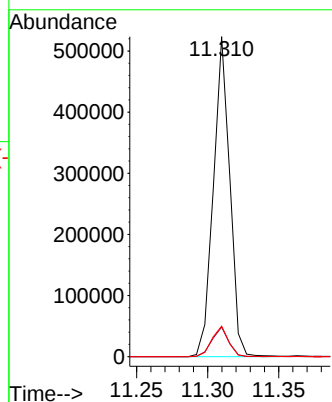
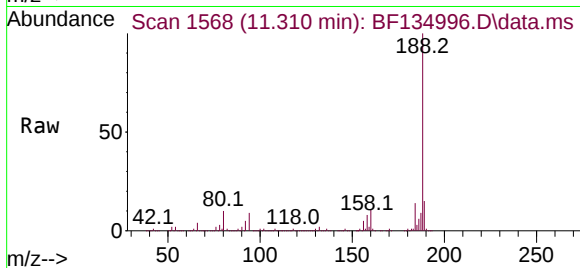
Tgt Ion:188 Resp: 421176

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 9.5 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 2.694 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.265 min

Lab File: BF134996.D

Acq: 29 Aug 2023 21:53

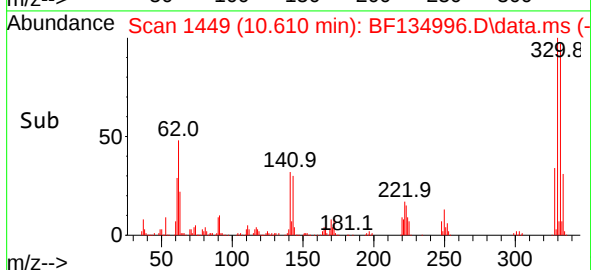
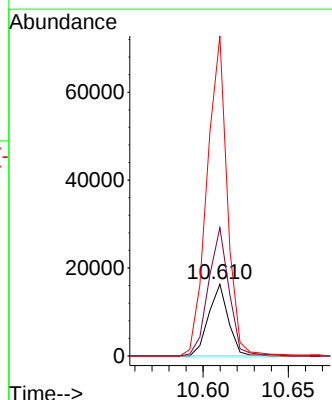
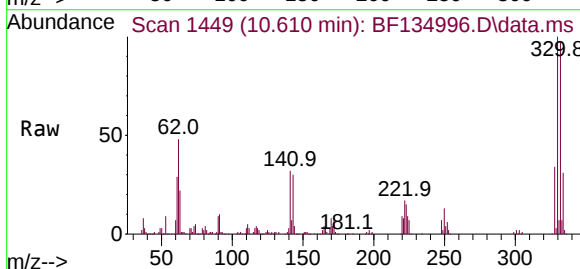
Tgt Ion:248 Resp: 13089

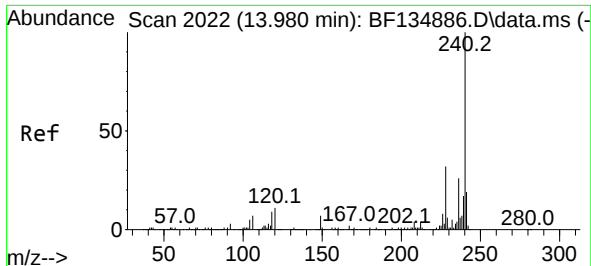
Ion Ratio Lower Upper

248 100

250 179.3 77.1 115.7#

141 447.2 49.0 73.4#

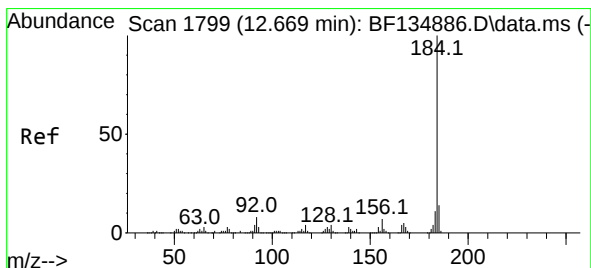
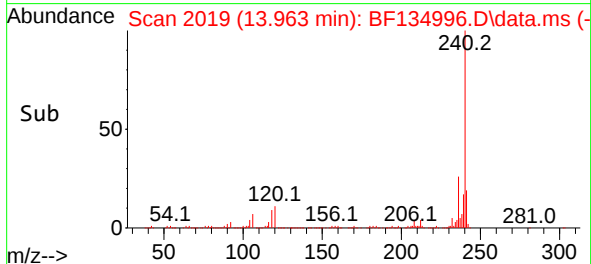
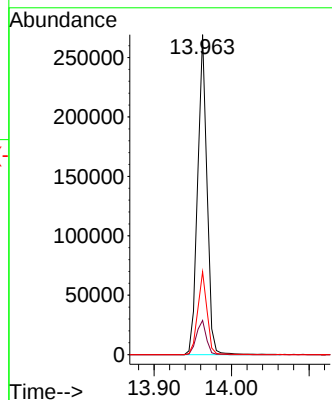
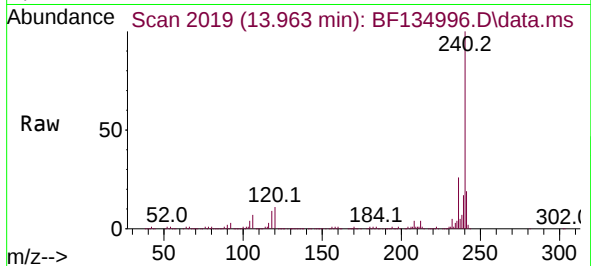




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF134996.D
Acq: 29 Aug 2023 21:53

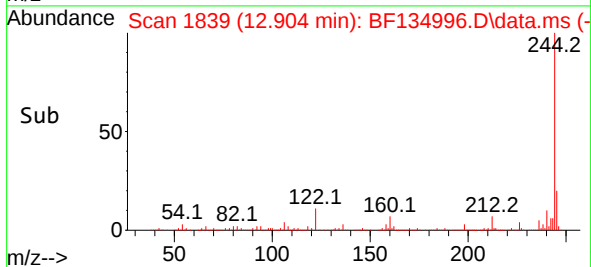
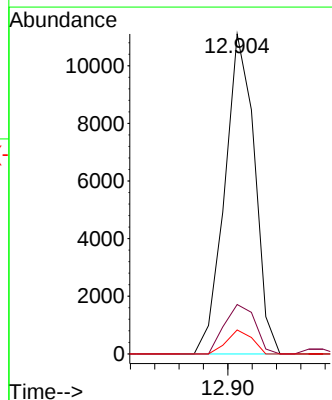
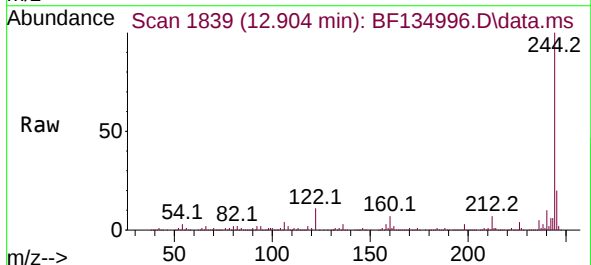
Instrument :
BNA_F
ClientSampleId :
DUP-1

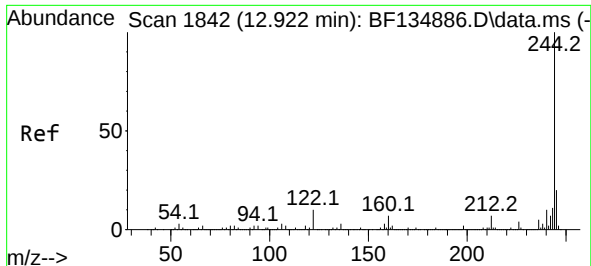
Tgt Ion:240 Resp: 225148
Ion Ratio Lower Upper
240 100
120 10.7 8.6 12.8
236 25.9 20.6 31.0



#77
Benzidine
Concen: 2.587 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.235 min
Lab File: BF134996.D
Acq: 29 Aug 2023 21:53

Tgt Ion:184 Resp: 9450
Ion Ratio Lower Upper
184 100
185 15.4 11.4 17.0
183 7.5 9.0 13.4#

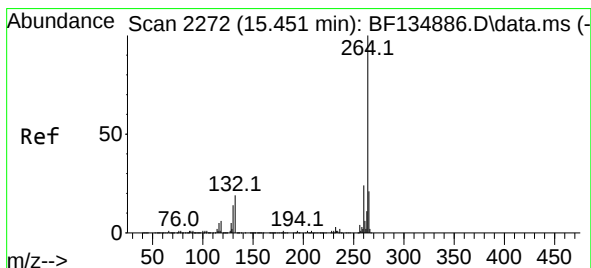
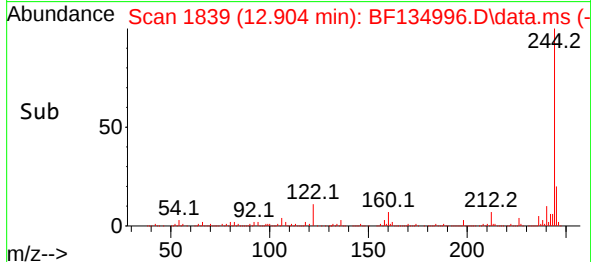
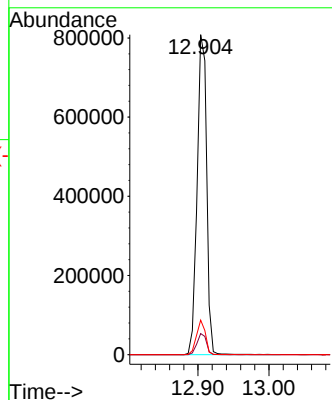
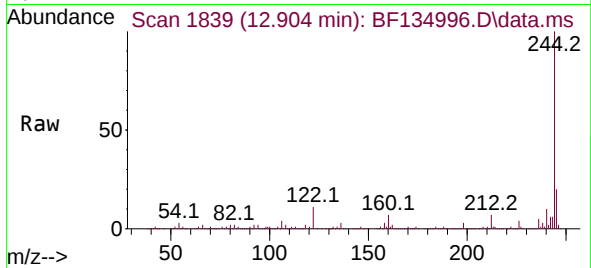




#79
 Terphenyl-d14
 Concen: 45.695 ng
 RT: 12.904 min Scan# 1842
 Delta R.T. -0.018 min
 Lab File: BF134996.D
 Acq: 29 Aug 2023 21:53

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Tgt Ion:244 Resp: 748004
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.8 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.018 min
 Lab File: BF134996.D
 Acq: 29 Aug 2023 21:53

Tgt Ion:264 Resp: 265340
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.6 17.1 25.7

