

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134988.D
 Acq On : 29 Aug 2023 17:30
 Operator : CG\JU
 Sample : 04188-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

Quant Time: Aug 29 22:27:48 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)

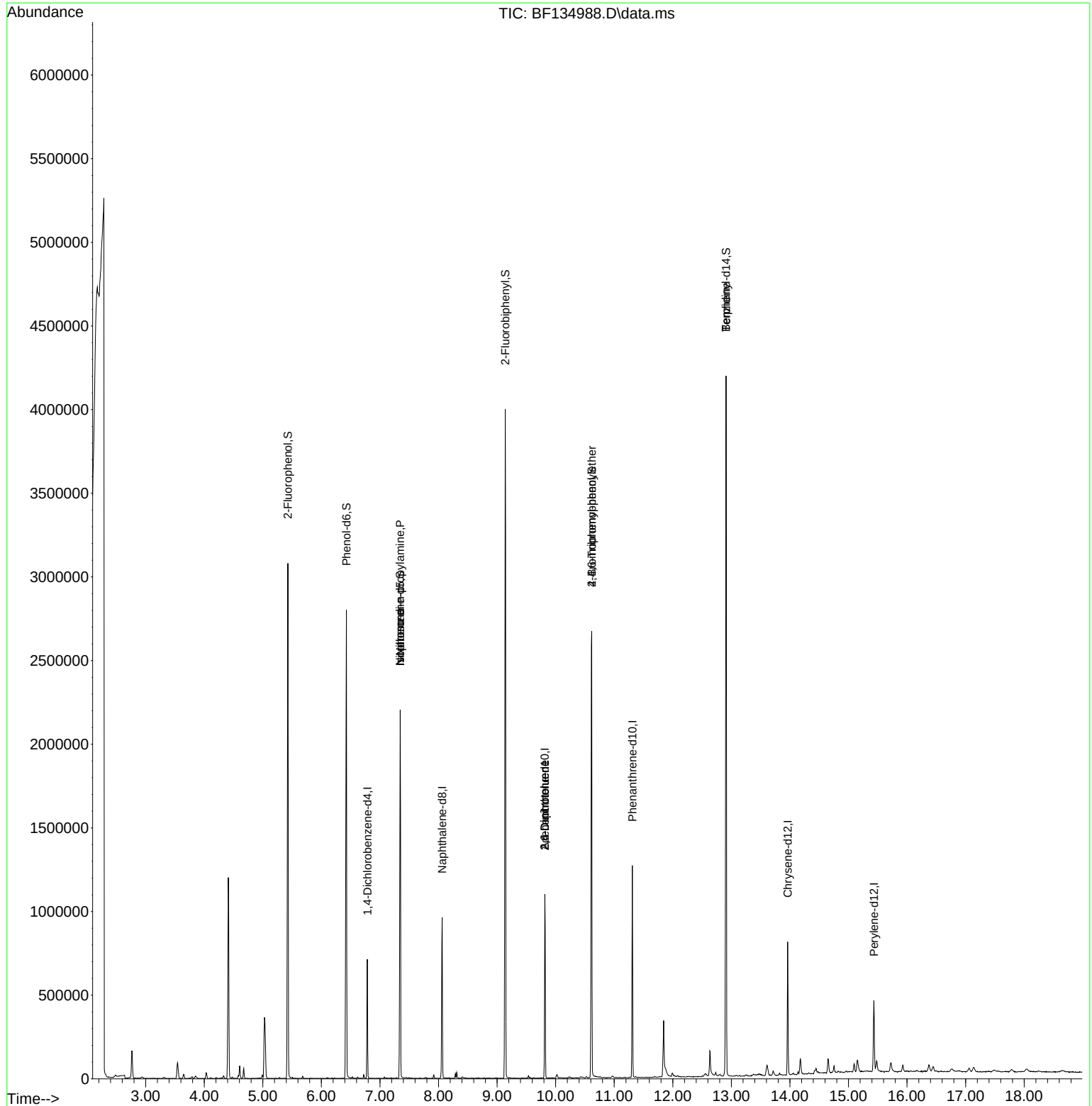
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	106763	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	430596	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	218676	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	415873	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	243860	20.000	ng	-0.02
86) Perylene-d12	15.433	264	171546	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	849602	126.900	ng	0.00
7) Phenol-d6	6.428	99	961011	112.333	ng	-0.01
23) Nitrobenzene-d5	7.345	82	725680	92.866	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	362139	140.612	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	1326128	93.748	ng	-0.02
79) Terphenyl-d14	12.910	244	1514060	85.395	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	100356	20.085	ng	# 78
25) Isophorone	7.345	82	721315	49.434	ng	# 64
51) 2,6-Dinitrotoluene	9.816	165	28213	8.218	ng	# 28
57) 2,4-Dinitrotoluene	9.816	165	28213	6.645	ng	# 25
67) 4-Bromophenyl-phenylether	10.616	248	23817	4.964	ng	# 1
77) Benzidine	12.910	184	19580	4.949	ng	# 93

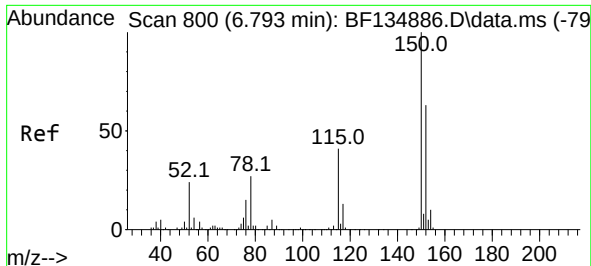
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
Data File : BF134988.D
Acq On : 29 Aug 2023 17:30
Operator : CG\JU
Sample : 04188-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6

Quant Time: Aug 29 22:27:48 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

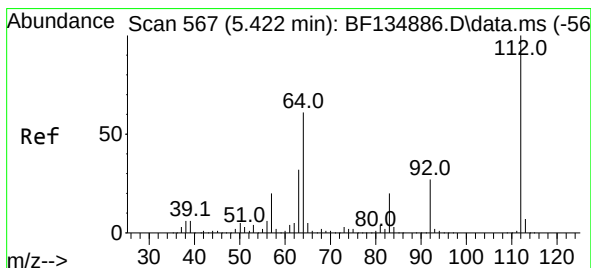
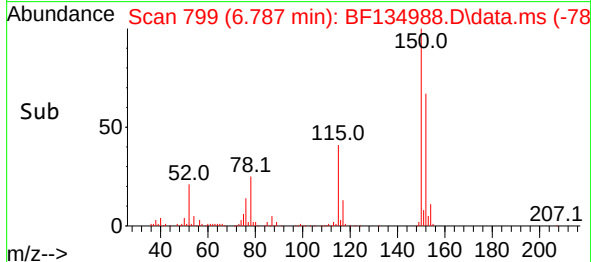
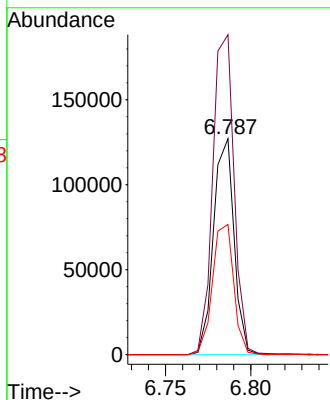
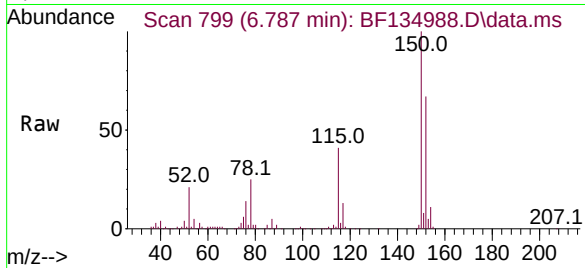




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF134988.D
Acq: 29 Aug 2023 17:30

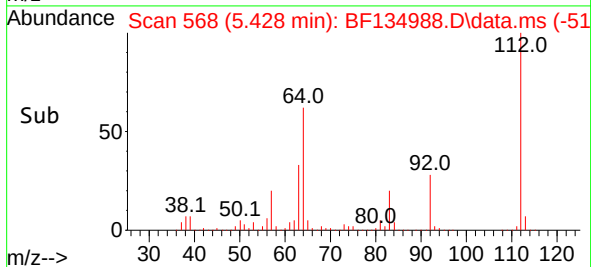
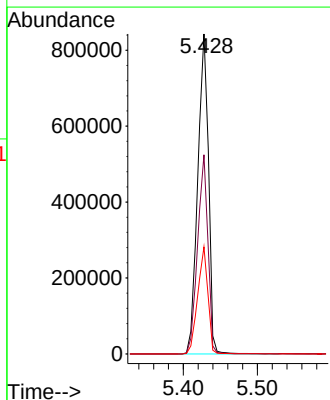
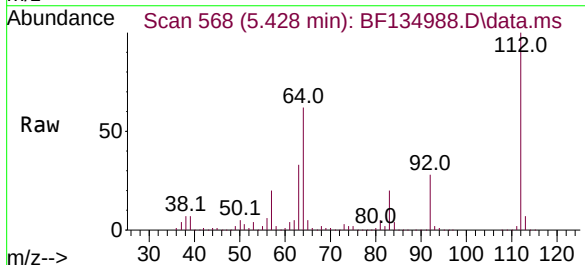
Instrument :
BNA_F
ClientSampleId :
WC-6

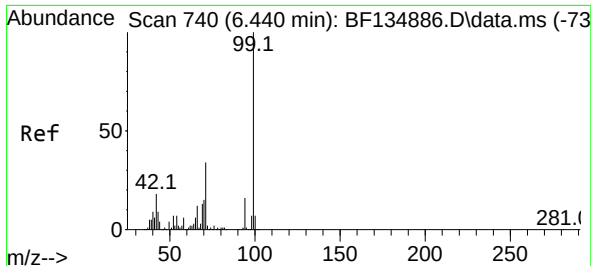
Tgt Ion:152 Resp: 106763
Ion Ratio Lower Upper
152 100
150 148.2 126.1 189.1
115 60.3 51.1 76.7



#5
2-Fluorophenol
Concen: 126.900 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF134988.D
Acq: 29 Aug 2023 17:30

Tgt Ion:112 Resp: 849602
Ion Ratio Lower Upper
112 100
64 62.2 48.6 73.0
63 33.4 25.7 38.5

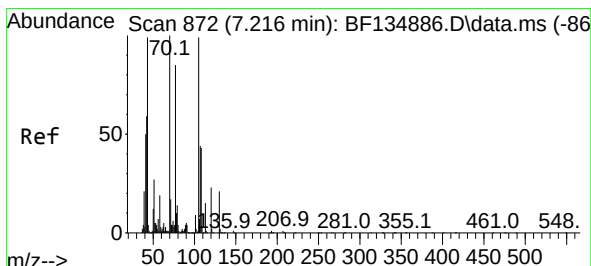
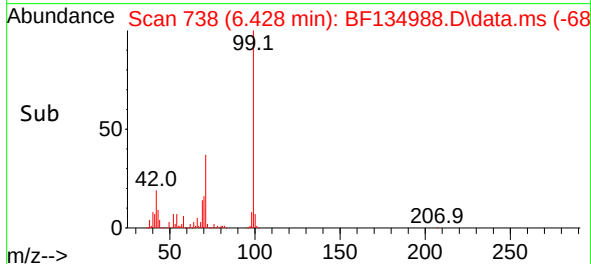
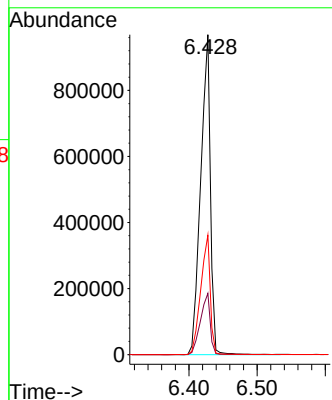
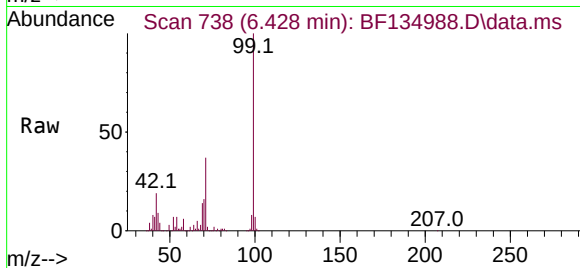




#7
Phenol-d6
Concen: 112.333 ng
RT: 6.428 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF134988.D
Acq: 29 Aug 2023 17:30

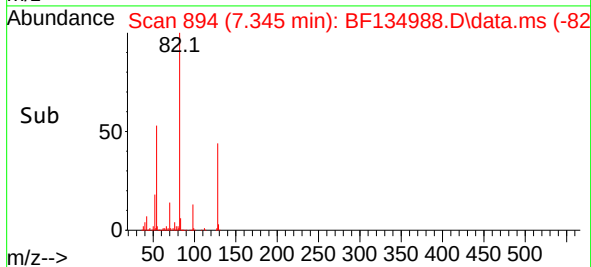
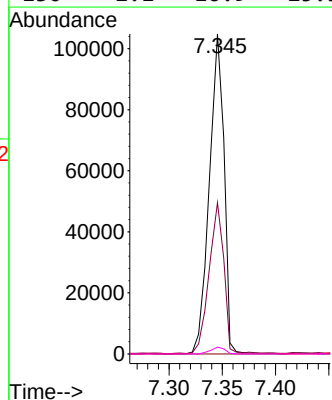
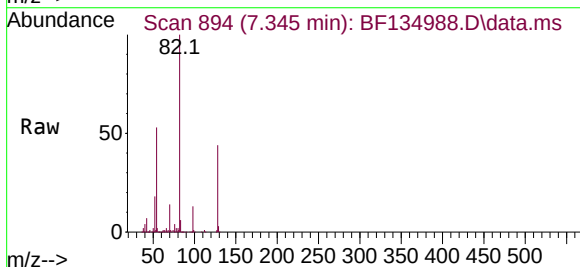
Instrument :
BNA_F
ClientSampleId :
WC-6

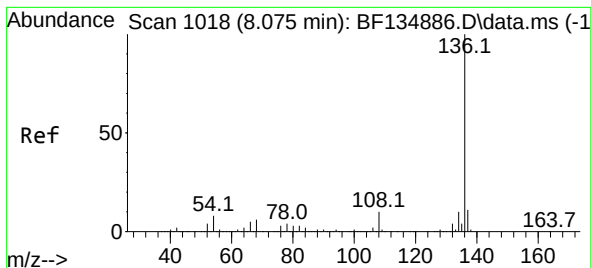
Tgt Ion: 99 Resp: 961011
Ion Ratio Lower Upper
99 100
42 19.1 14.6 22.0
71 37.3 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.085 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.129 min
Lab File: BF134988.D
Acq: 29 Aug 2023 17:30

Tgt Ion: 70 Resp: 100356
Ion Ratio Lower Upper
70 100
42 47.3 46.9 70.3
101 0.0 7.5 11.3#
130 2.1 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: BF134988.D

Acq: 29 Aug 2023 17:30

Instrument :

BNA_F

ClientSampleId :

WC-6

Tgt Ion:136 Resp: 430596

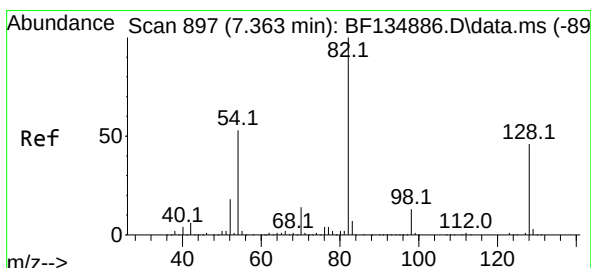
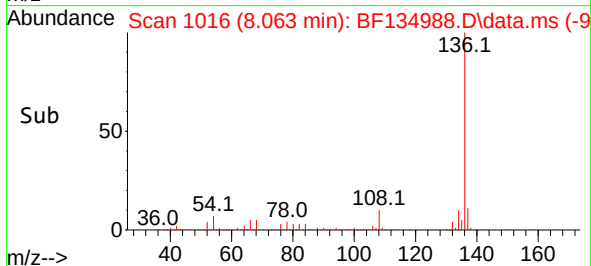
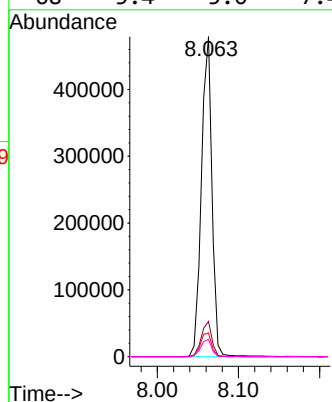
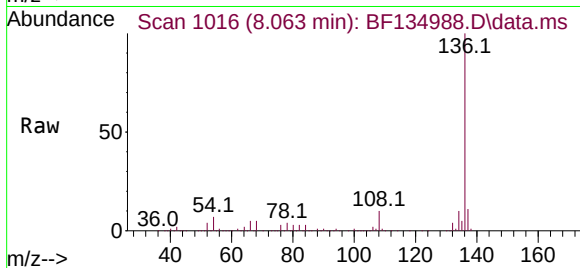
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.4 6.6 9.8

68 5.4 5.0 7.4



#23

Nitrobenzene-d5

Concen: 92.866 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF134988.D

Acq: 29 Aug 2023 17:30

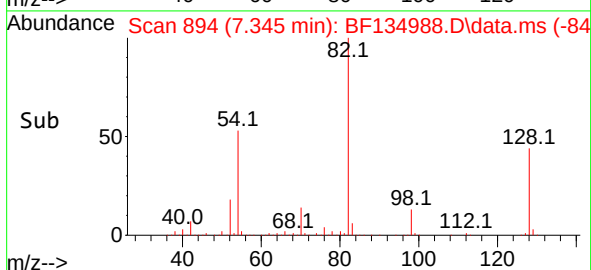
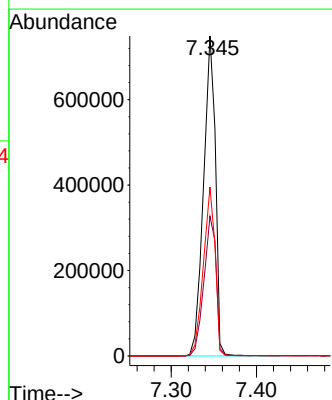
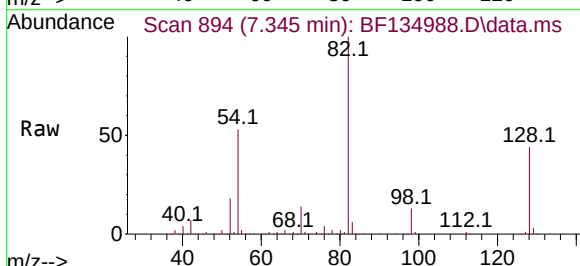
Tgt Ion: 82 Resp: 725680

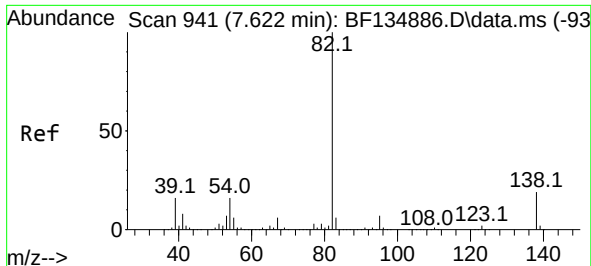
Ion Ratio Lower Upper

82 100

128 43.6 36.6 54.8

54 52.8 42.6 63.8

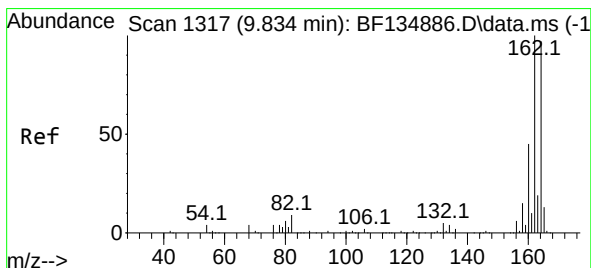
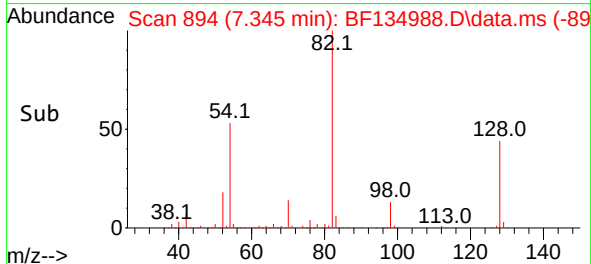
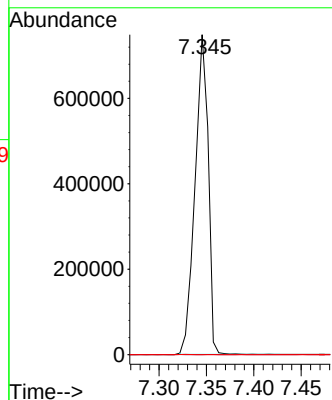
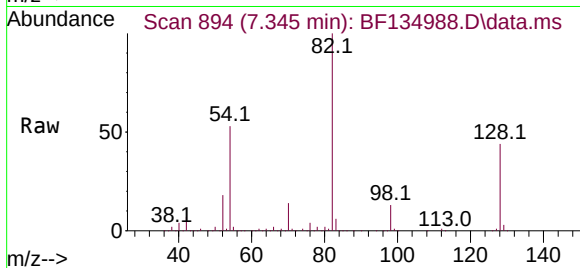




#25
Isophorone
Concen: 49.434 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.277 min
Lab File: BF134988.D
Acq: 29 Aug 2023 17:30

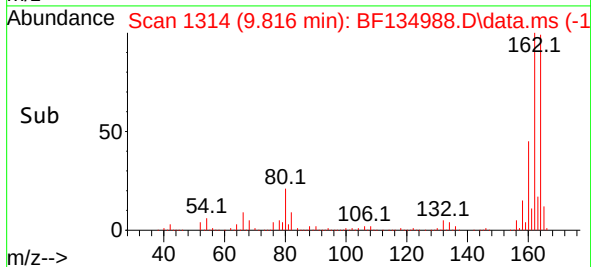
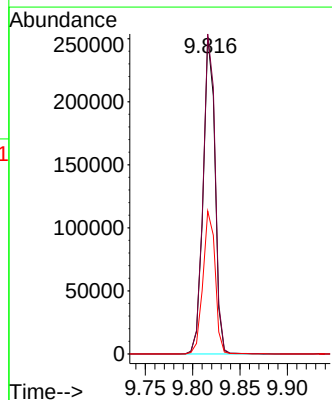
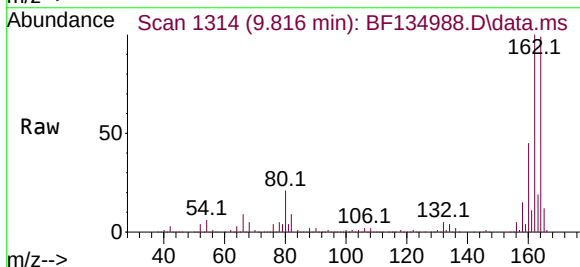
Instrument :
BNA_F
ClientSampleId :
WC-6

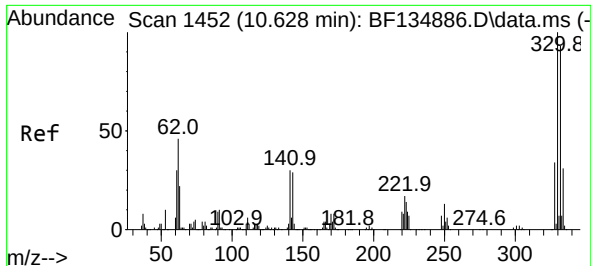
Tgt Ion: 82 Resp: 721315
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF134988.D
Acq: 29 Aug 2023 17:30

Tgt Ion:164 Resp: 218676
Ion Ratio Lower Upper
164 100
162 101.0 82.6 123.8
160 45.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 140.612 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF134988.D

Acq: 29 Aug 2023 17:30

Instrument :

BNA_F

ClientSampleId :

WC-6

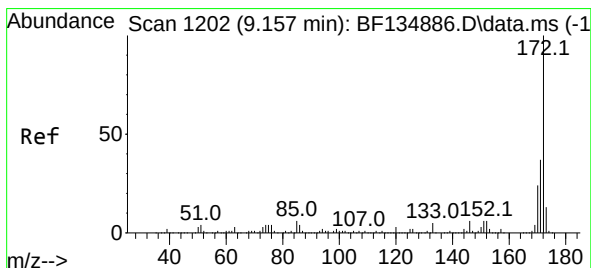
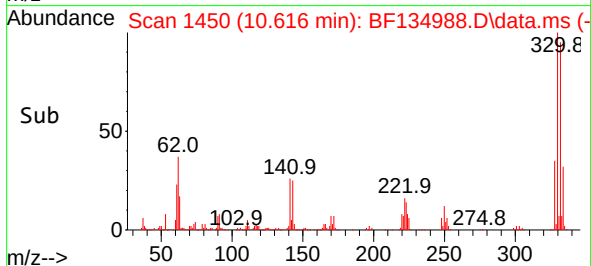
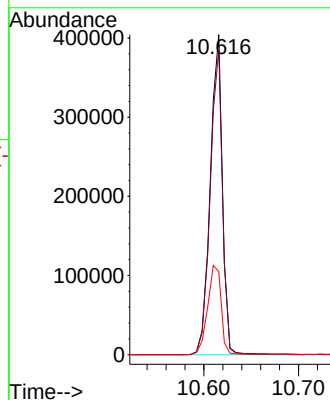
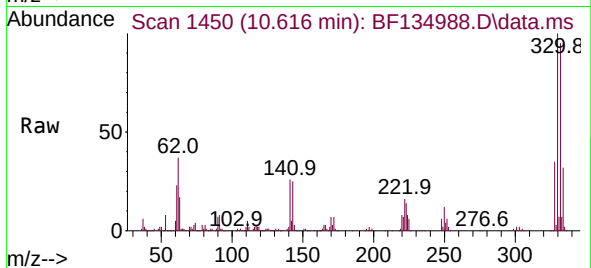
Tgt Ion:330 Resp: 362139

Ion Ratio Lower Upper

330 100

332 96.4 76.3 114.5

141 31.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 93.748 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF134988.D

Acq: 29 Aug 2023 17:30

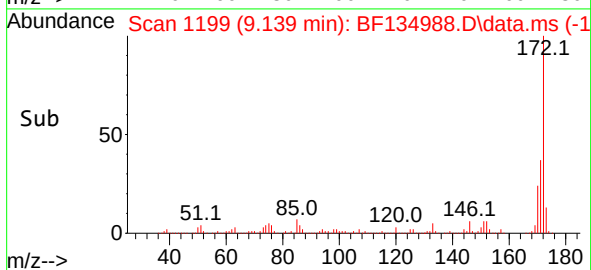
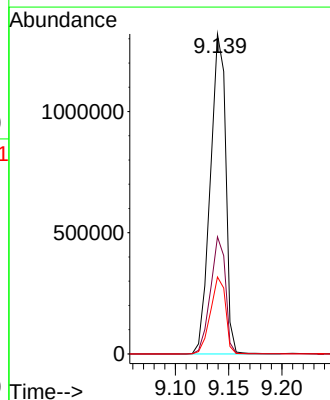
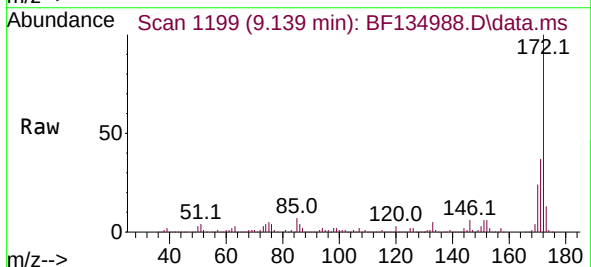
Tgt Ion:172 Resp: 1326128

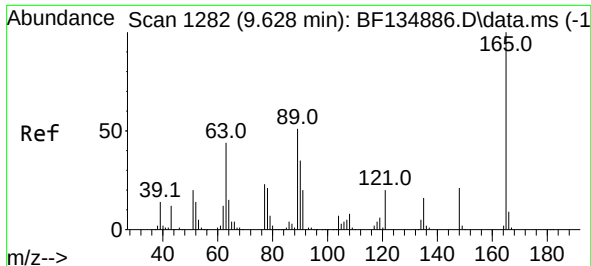
Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.0

170 24.0 19.6 29.4





#51

2,6-Dinitrotoluene

Concen: 8.218 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.188 min

Lab File: BF134988.D

Acq: 29 Aug 2023 17:30

Instrument :

BNA_F

ClientSampleId :

WC-6

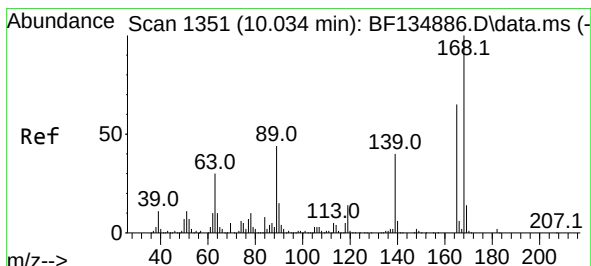
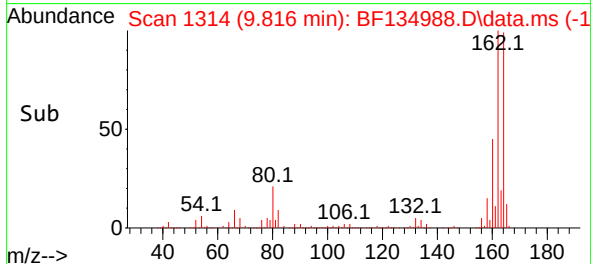
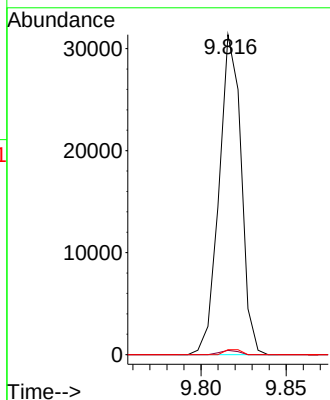
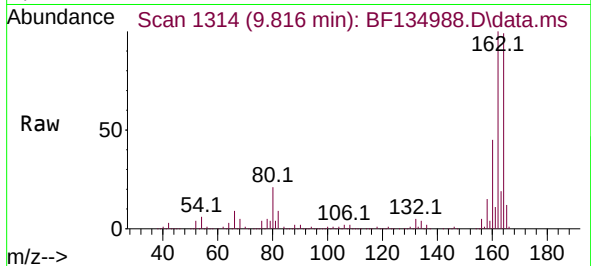
Tgt Ion:165 Resp: 28213

Ion Ratio Lower Upper

165 100

63 1.3 41.4 62.2#

89 1.5 40.9 61.3#



#57

2,4-Dinitrotoluene

Concen: 6.645 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.218 min

Lab File: BF134988.D

Acq: 29 Aug 2023 17:30

Tgt Ion:165 Resp: 28213

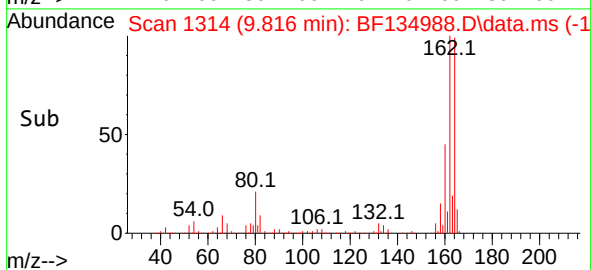
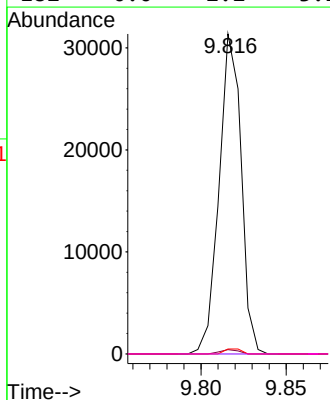
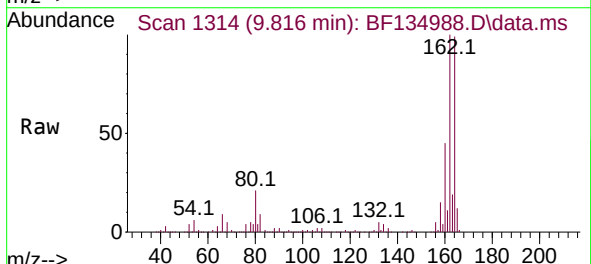
Ion Ratio Lower Upper

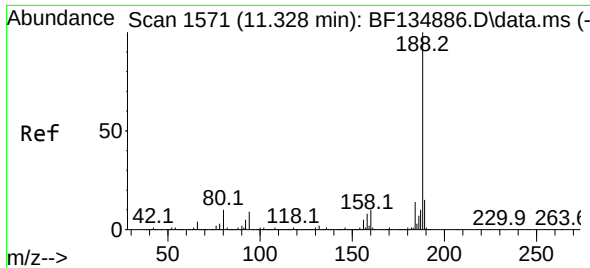
165 100

63 1.3 37.7 56.5#

89 1.5 54.2 81.4#

182 0.0 2.2 3.2#

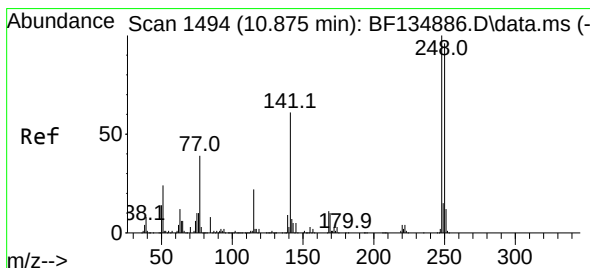
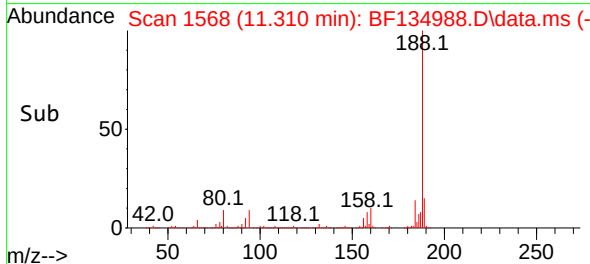
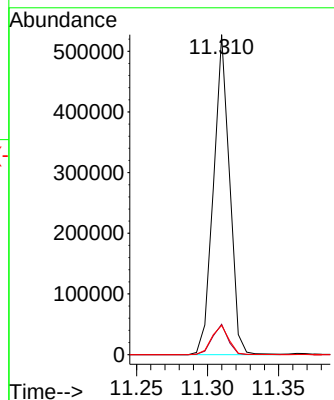
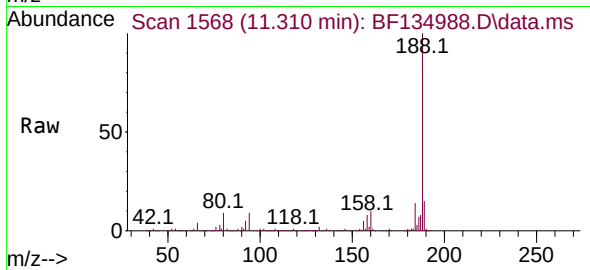




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF134988.D
Acq: 29 Aug 2023 17:30

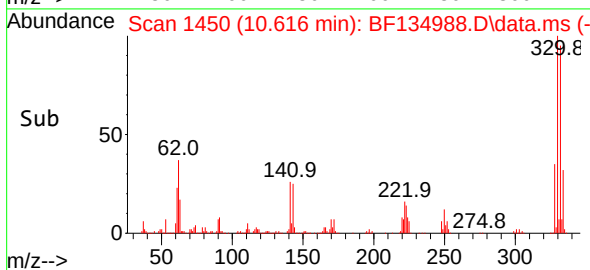
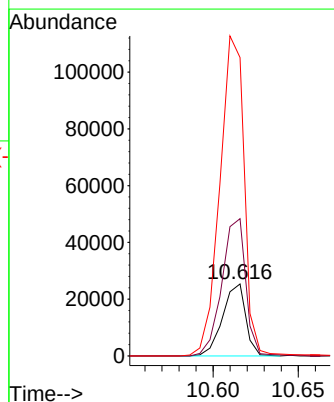
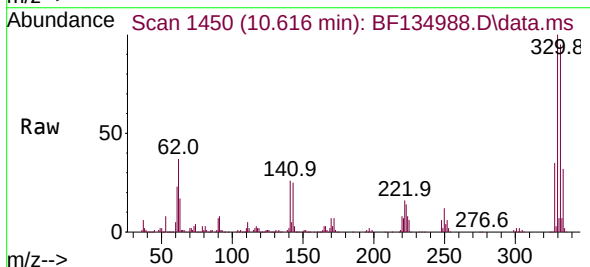
Instrument :
BNA_F
ClientSampleId :
WC-6

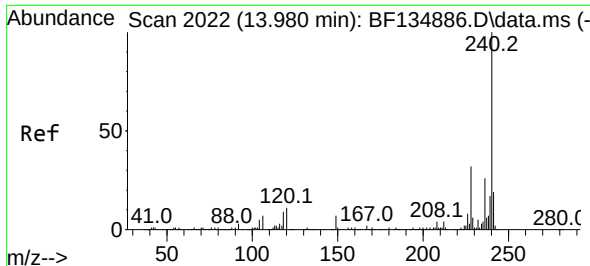
Tgt Ion:188 Resp: 415873
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 9.2 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 4.964 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.259 min
Lab File: BF134988.D
Acq: 29 Aug 2023 17:30

Tgt Ion:248 Resp: 23817
Ion Ratio Lower Upper
248 100
250 190.9 77.1 115.7#
141 415.0 49.0 73.4#

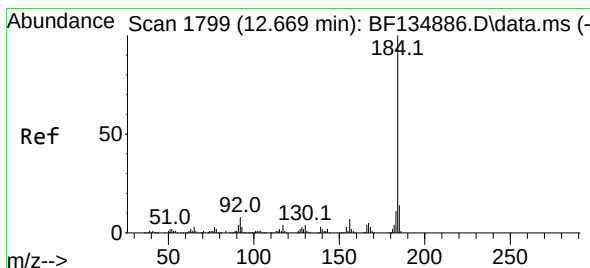
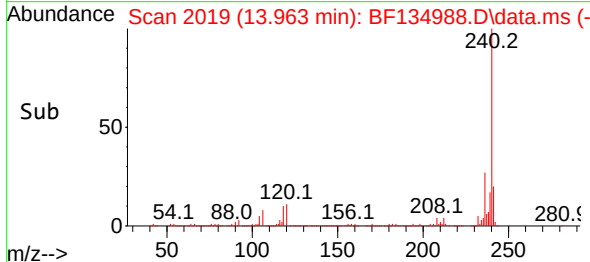
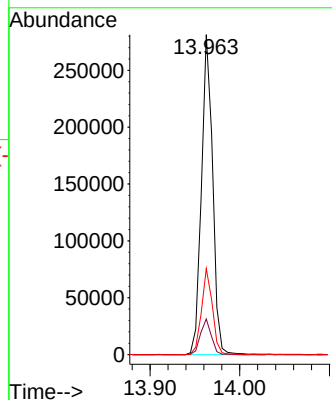
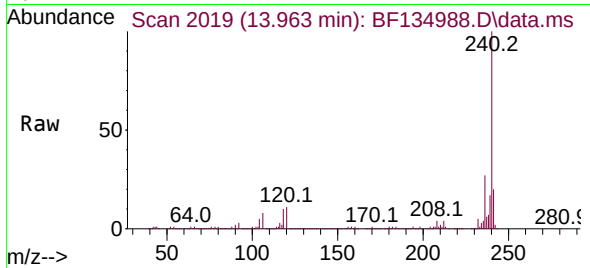




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF134988.D
Acq: 29 Aug 2023 17:30

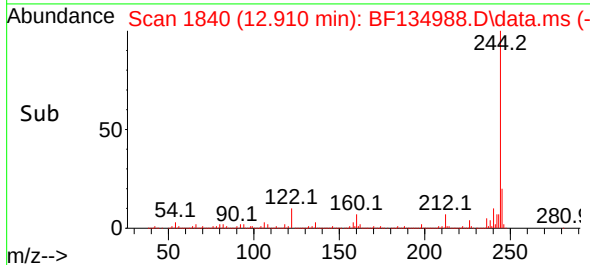
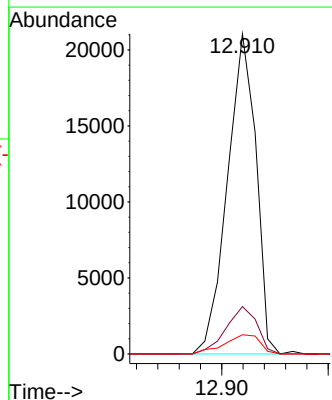
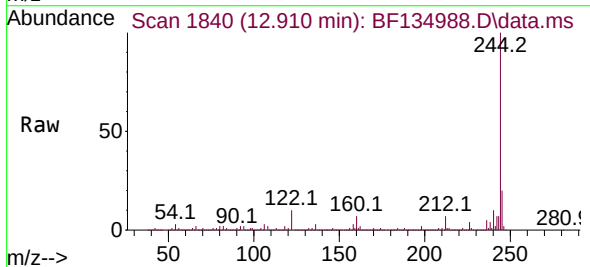
Instrument :
BNA_F
ClientSampleId :
WC-6

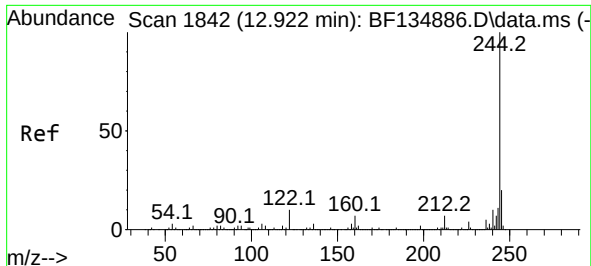
Tgt Ion:240 Resp: 243860
Ion Ratio Lower Upper
240 100
120 11.1 8.6 12.8
236 26.9 20.6 31.0



#77
Benzidine
Concen: 4.949 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.241 min
Lab File: BF134988.D
Acq: 29 Aug 2023 17:30

Tgt Ion:184 Resp: 19580
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.0
183 6.0 9.0 13.4#

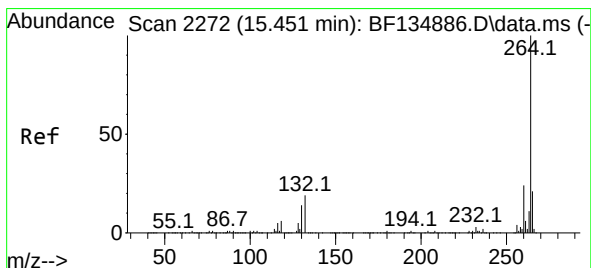
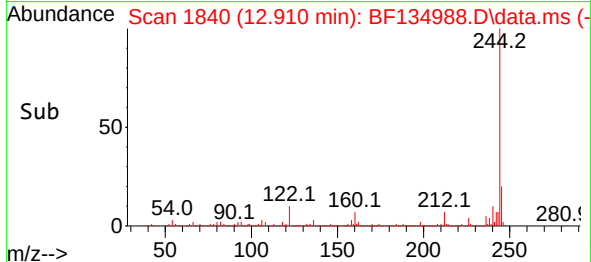
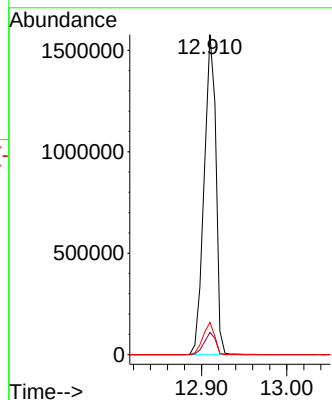
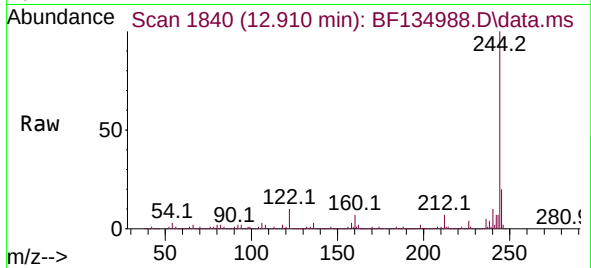




#79
 Terphenyl-d14
 Concen: 85.395 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134988.D
 Acq: 29 Aug 2023 17:30

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

Tgt Ion:244 Resp: 1514060
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.1 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: BF134988.D
 Acq: 29 Aug 2023 17:30

Tgt Ion:264 Resp: 171546
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 20.7 17.1 25.7

