

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141590.D
 Acq On : 12 Feb 2025 15:16
 Operator : RC/JU
 Sample : Q1343-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-10

Quant Time: Feb 12 15:55:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

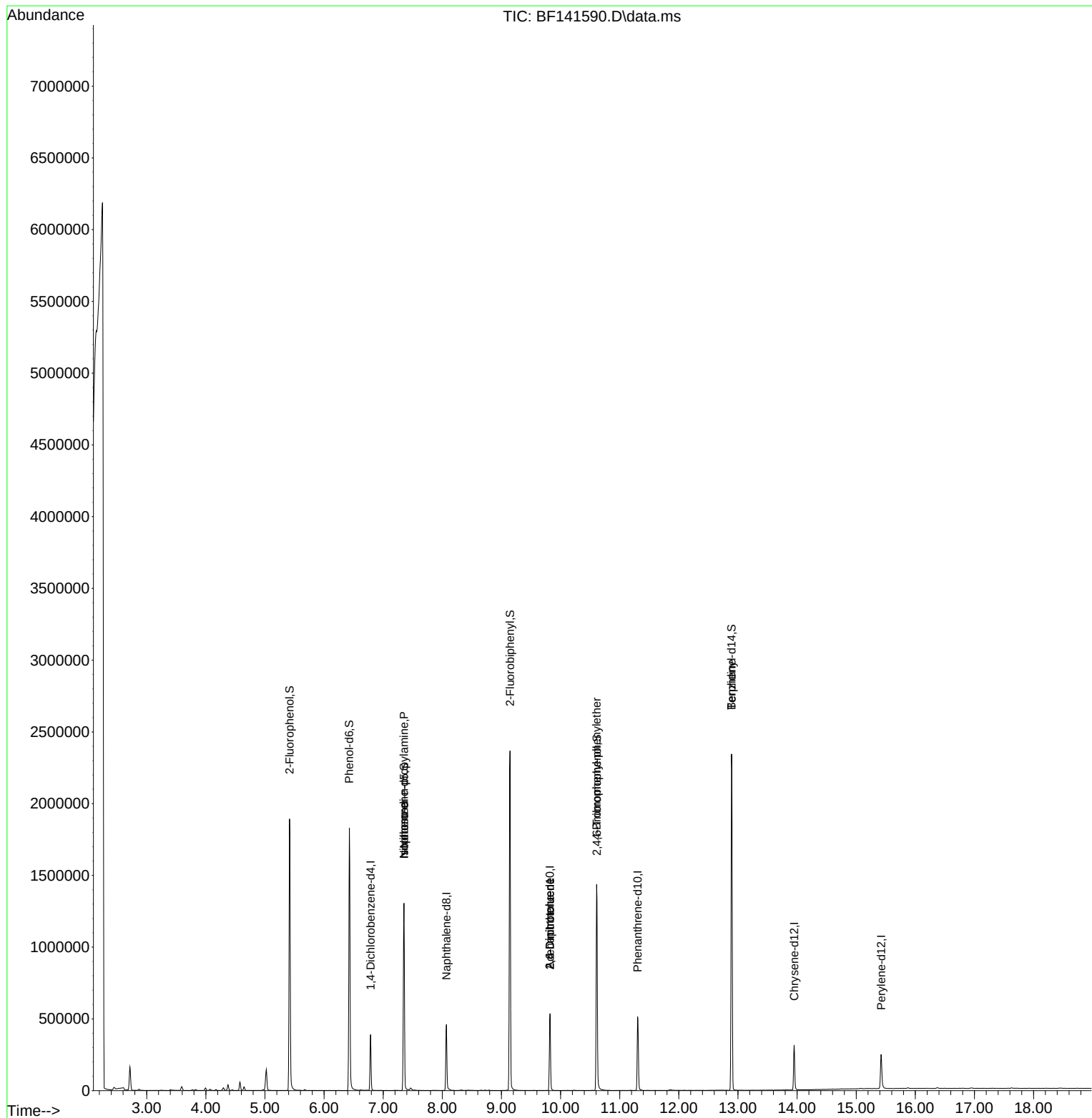
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	77583	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	308789	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	167772	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	287278	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	164033	20.000	ng	-0.01
86) Perylene-d12	15.421	264	154118	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	713179	144.114	ng	0.00
7) Phenol-d6	6.428	99	854889	136.678	ng	-0.01
23) Nitrobenzene-d5	7.351	82	589837	99.631	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	247469	146.836	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1067932	98.068	ng	0.00
79) Terphenyl-d14	12.892	244	1190004	122.471	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	79499	21.249	ng	# 73
25) Isophorone	7.351	82	576113	61.031	ng	# 66
51) 2,6-Dinitrotoluene	9.822	165	21018	8.441	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	21018	6.341	ng	# 19
67) 4-Bromophenyl-phenylether	10.610	248	17134	5.337	ng	# 1
77) Benzydine	12.892	184	15551	4.299	ng	# 92

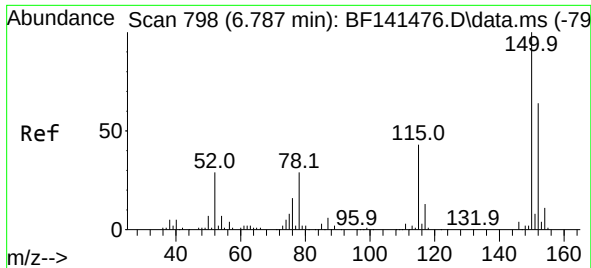
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
Data File : BF141590.D
Acq On : 12 Feb 2025 15:16
Operator : RC/JU
Sample : Q1343-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
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WC-10

Quant Time: Feb 12 15:55:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

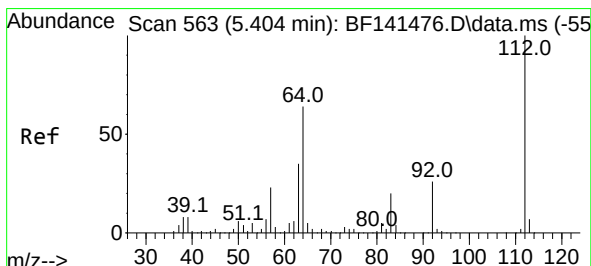
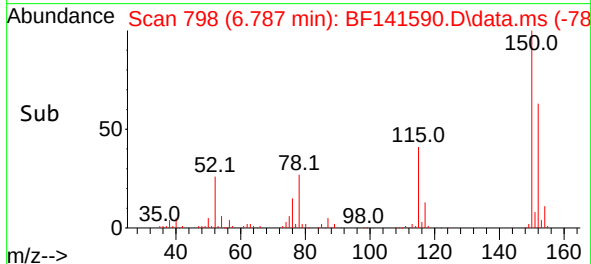
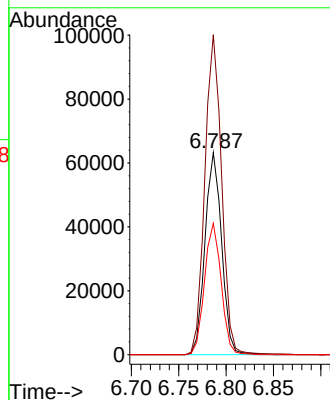
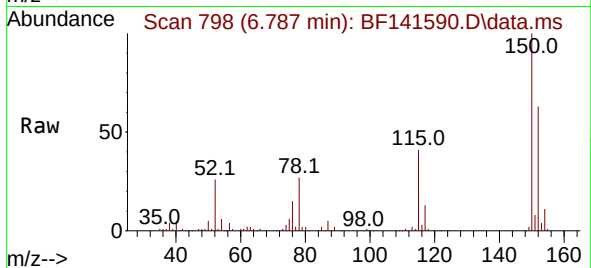




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141590.D
 Acq: 12 Feb 2025 15:16

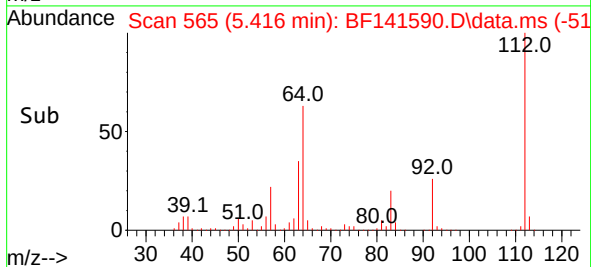
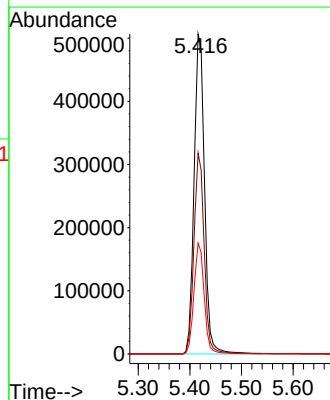
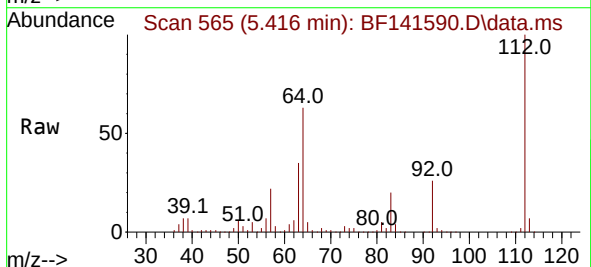
Instrument :
 BNA_F
 ClientSampleId :
 WC-10

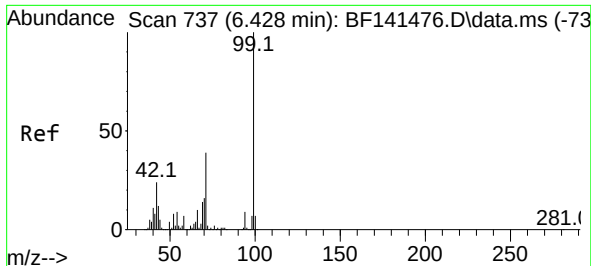
Tgt Ion:152 Resp: 77583
 Ion Ratio Lower Upper
 152 100
 150 158.3 125.0 187.4
 115 65.0 53.6 80.4



#5
 2-Fluorophenol
 Concen: 144.114 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141590.D
 Acq: 12 Feb 2025 15:16

Tgt Ion:112 Resp: 713179
 Ion Ratio Lower Upper
 112 100
 64 62.8 51.1 76.7
 63 34.7 28.4 42.6





#7
Phenol-d6
Concen: 136.678 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141590.D
Acq: 12 Feb 2025 15:16

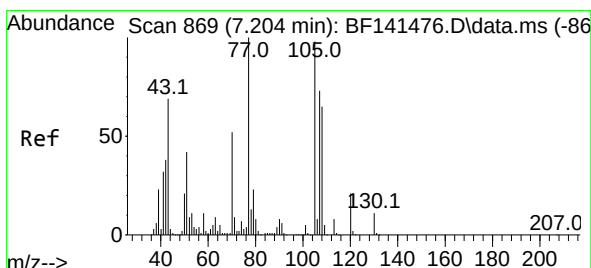
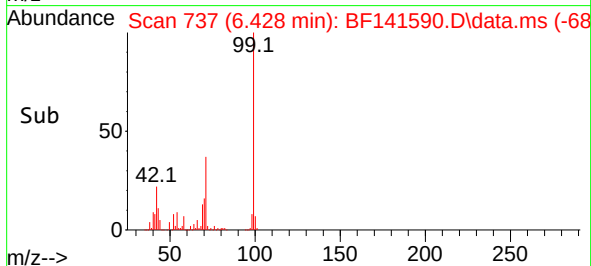
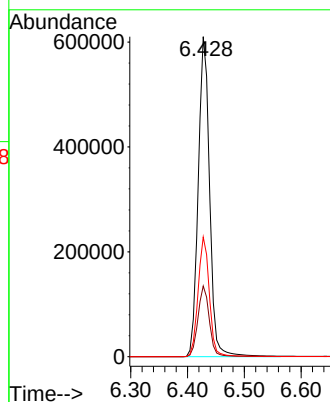
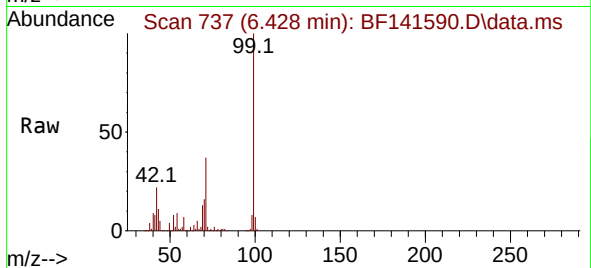
Instrument :

BNA_F

ClientSampleId :

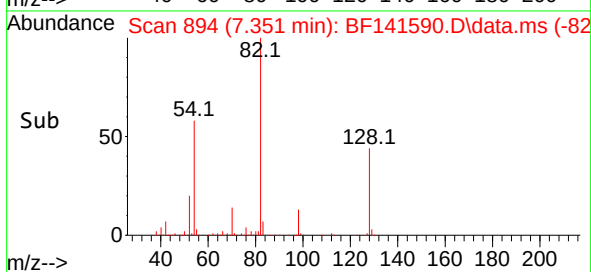
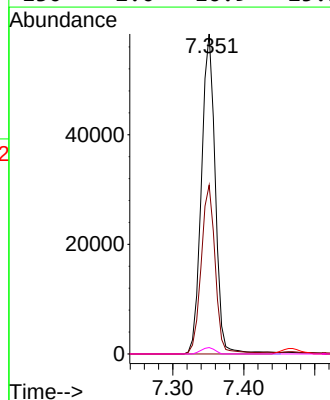
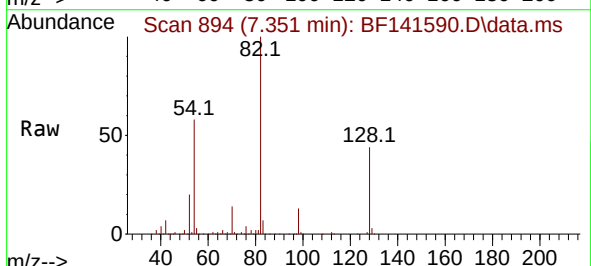
WC-10

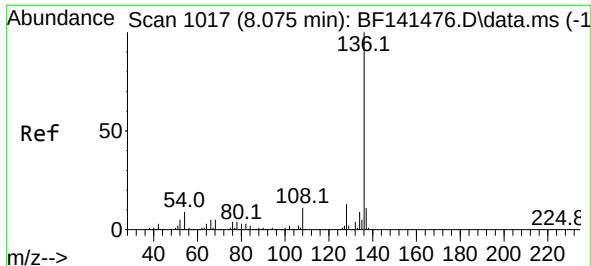
Tgt Ion: 99 Resp: 854889
Ion Ratio Lower Upper
99 100
42 22.1 19.1 28.7
71 37.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 21.249 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141590.D
Acq: 12 Feb 2025 15:16

Tgt Ion: 70 Resp: 79499
Ion Ratio Lower Upper
70 100
42 52.8 57.4 86.2#
101 0.0 8.0 12.0#
130 2.0 16.9 25.3#



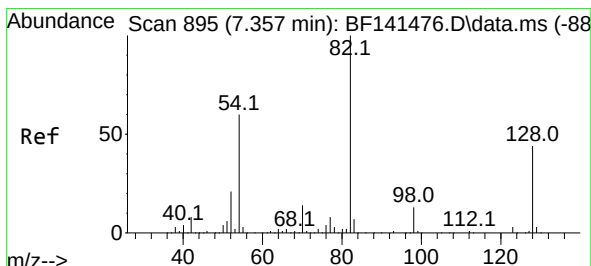
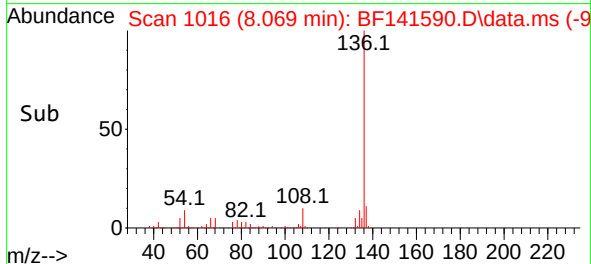
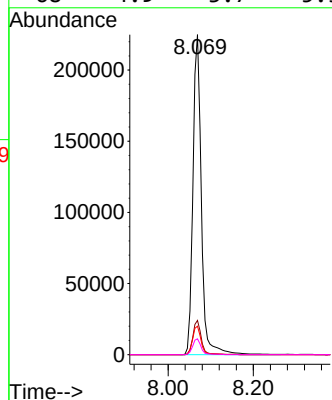
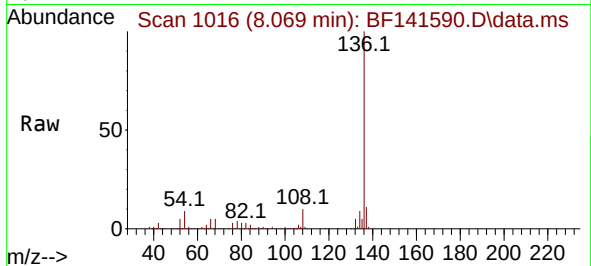


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141590.D
Acq: 12 Feb 2025 15:16

Instrument :
BNA_F
ClientSampleId :
WC-10

Tgt Ion:136 Resp: 308789

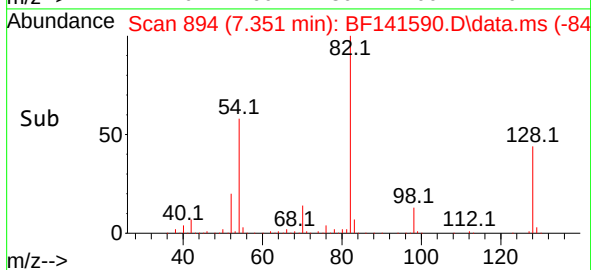
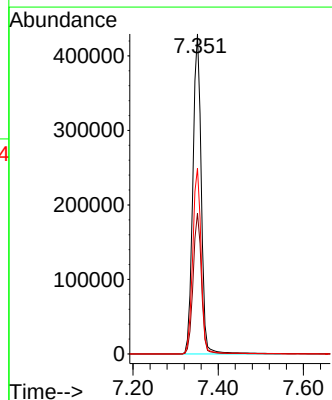
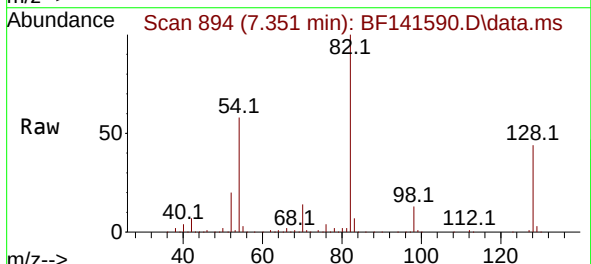
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.9	7.2	10.8
68	4.9	3.7	5.5

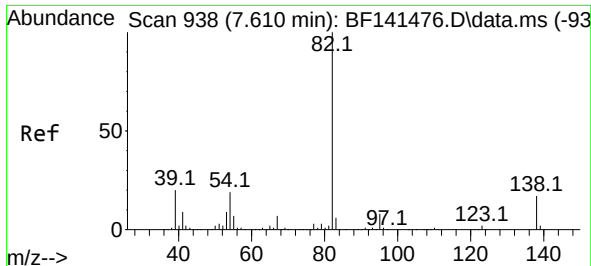


#23
Nitrobenzene-d5
Concen: 99.631 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141590.D
Acq: 12 Feb 2025 15:16

Tgt Ion: 82 Resp: 589837

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.8	52.2
54	58.0	48.2	72.4

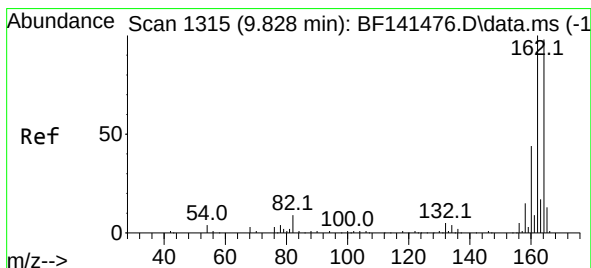
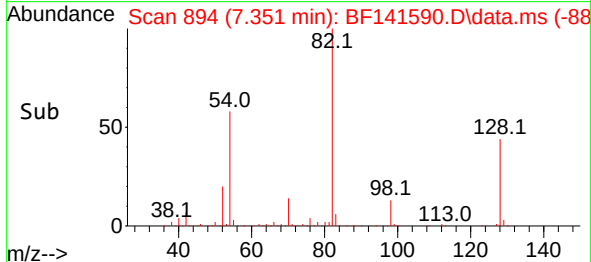
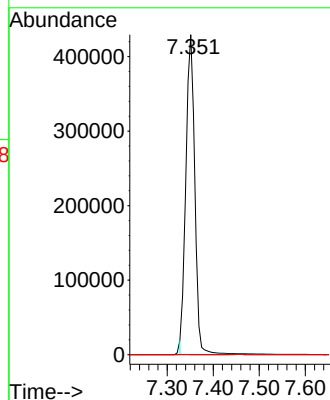
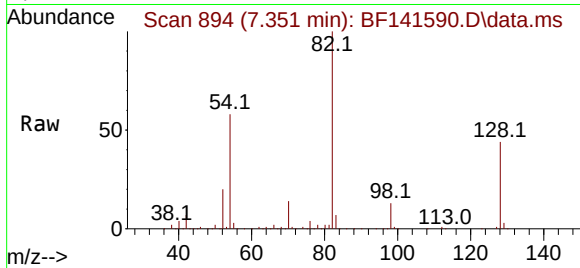




#25
Isophorone
Concen: 61.031 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF141590.D
Acq: 12 Feb 2025 15:16

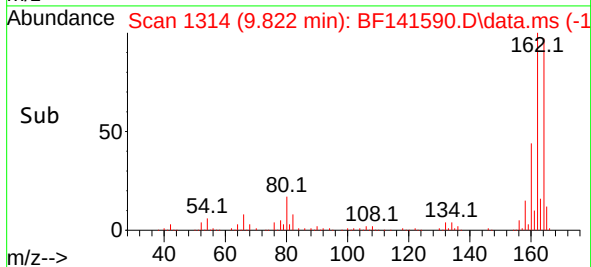
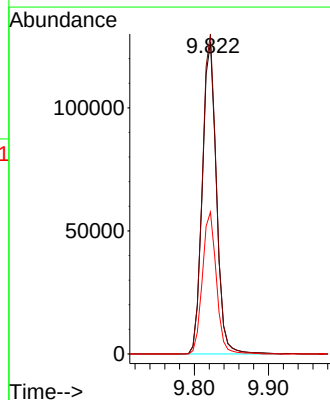
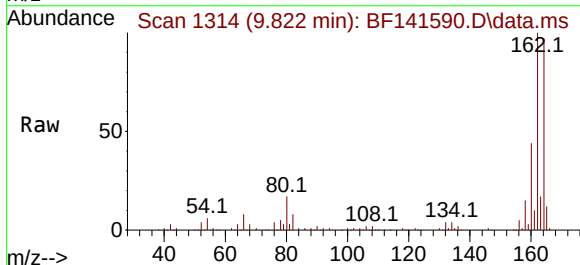
Instrument :
BNA_F
ClientSampleId :
WC-10

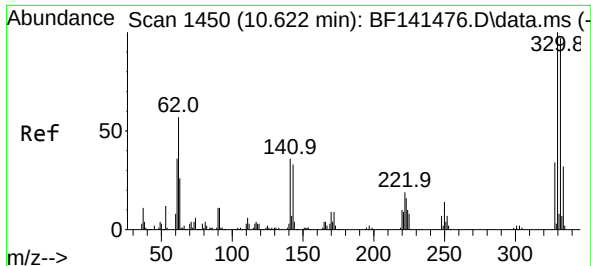
Tgt Ion: 82 Resp: 576113
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141590.D
Acq: 12 Feb 2025 15:16

Tgt Ion: 164 Resp: 167772
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 45.5 35.9 53.9

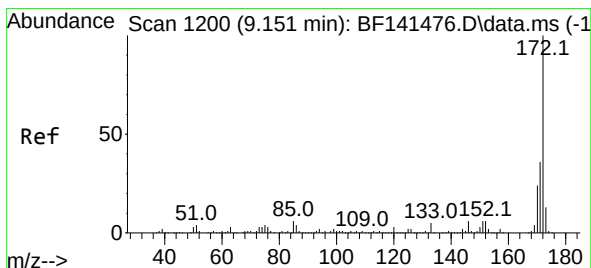
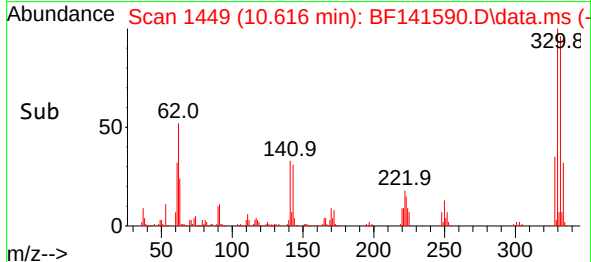
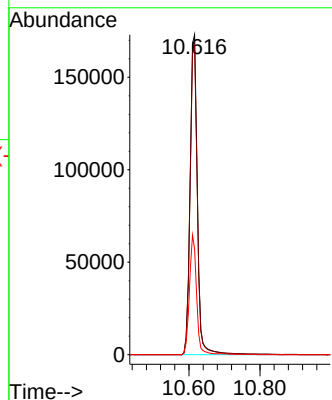
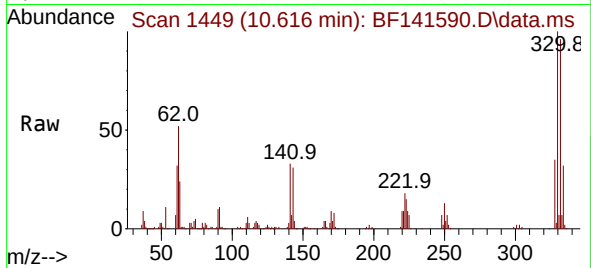




#42
2,4,6-Tribromophenol
Concen: 146.836 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141590.D
Acq: 12 Feb 2025 15:16

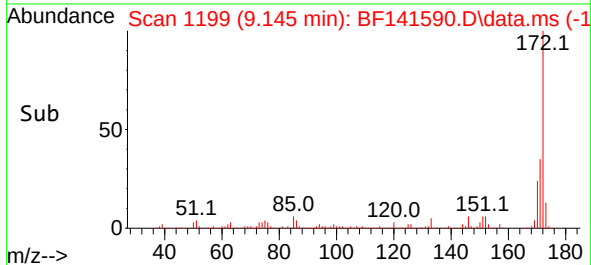
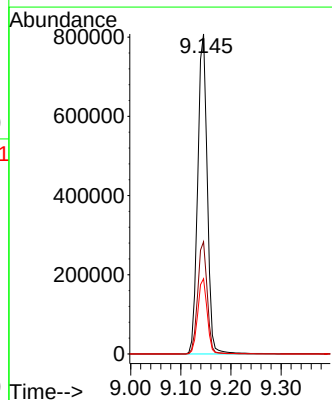
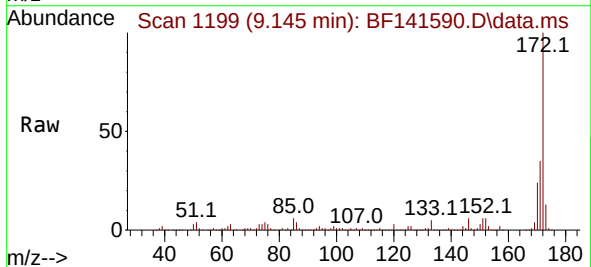
Instrument :
BNA_F
ClientSampleId :
WC-10

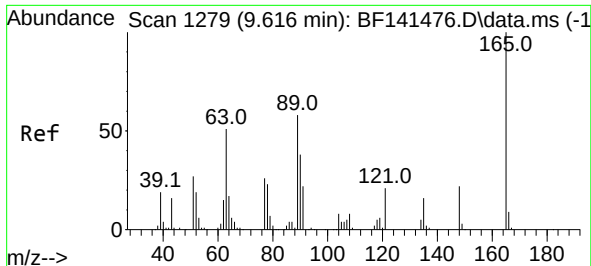
Tgt Ion: 330 Resp: 247469
Ion Ratio Lower Upper
330 100
332 96.2 78.5 117.7
141 36.6 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 98.068 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141590.D
Acq: 12 Feb 2025 15:16

Tgt Ion: 172 Resp: 1067932
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.5 18.9 28.3

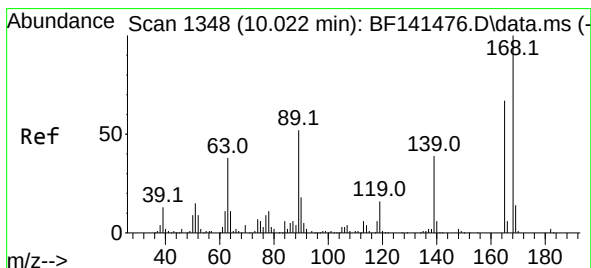
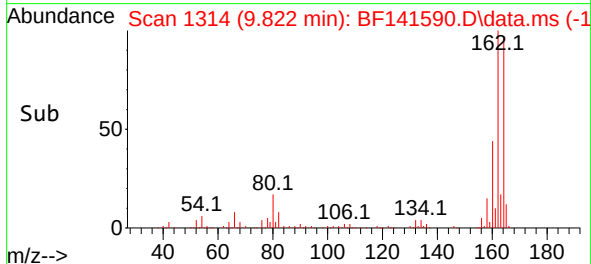
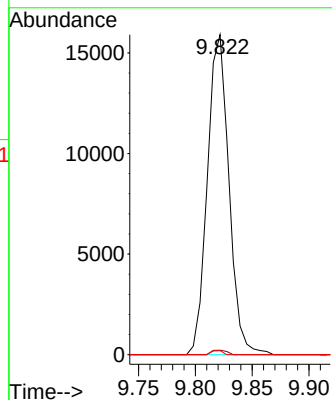
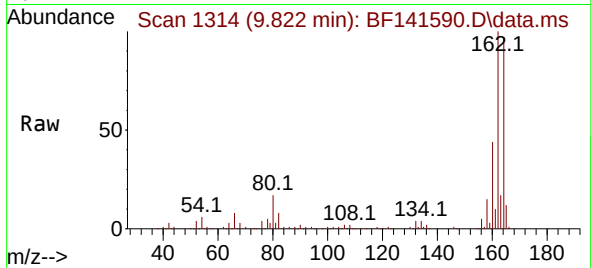




#51
2,6-Dinitrotoluene
Concen: 8.441 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF141590.D
Acq: 12 Feb 2025 15:16

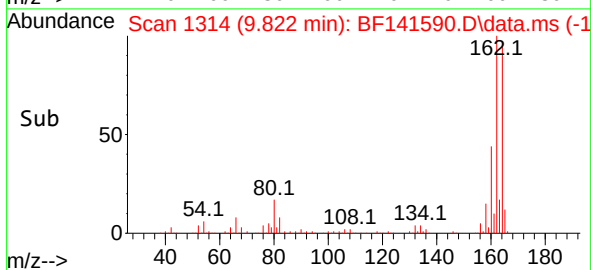
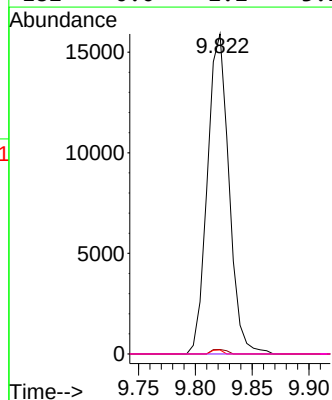
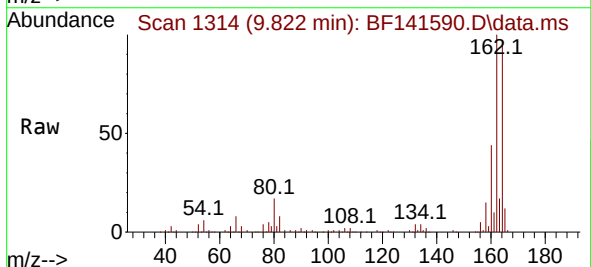
Instrument :
BNA_F
ClientSampleId :
WC-10

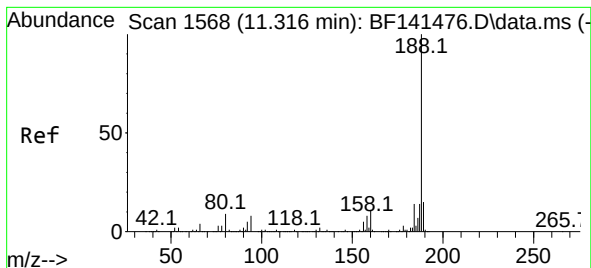
Tgt Ion:165 Resp: 21018
Ion Ratio Lower Upper
165 100
63 1.4 49.4 74.0#
89 1.3 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 6.341 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF141590.D
Acq: 12 Feb 2025 15:16

Tgt Ion:165 Resp: 21018
Ion Ratio Lower Upper
165 100
63 1.4 46.4 69.6#
89 1.3 61.8 92.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141590.D

Acq: 12 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

WC-10

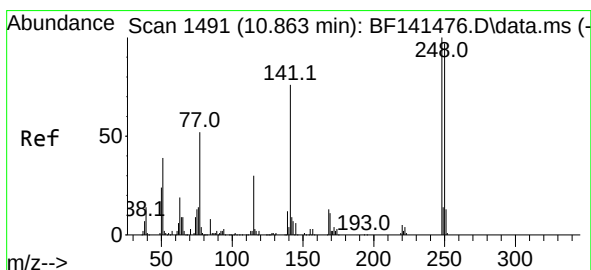
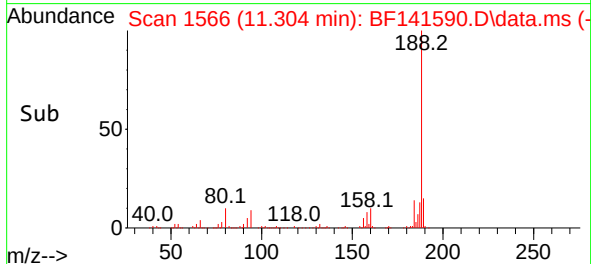
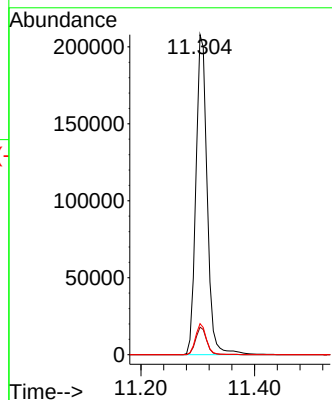
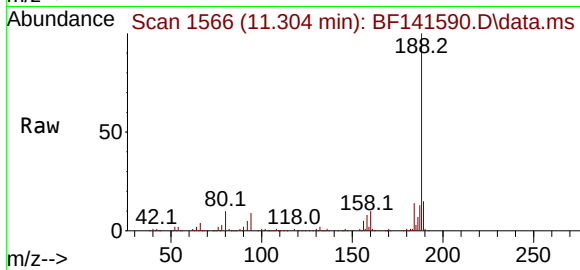
Tgt Ion:188 Resp: 287278

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

80 9.7 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 5.337 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.253 min

Lab File: BF141590.D

Acq: 12 Feb 2025 15:16

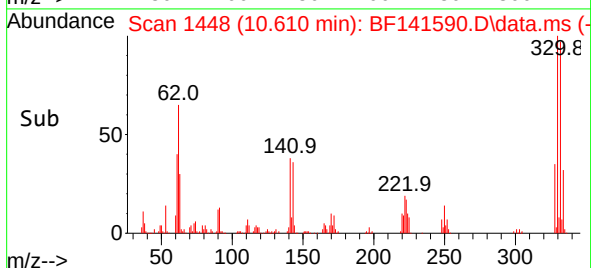
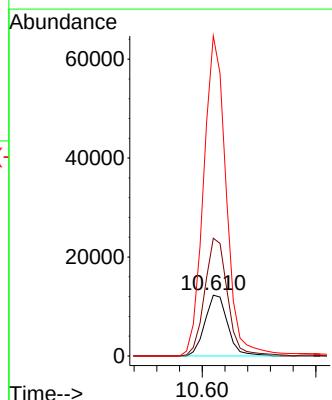
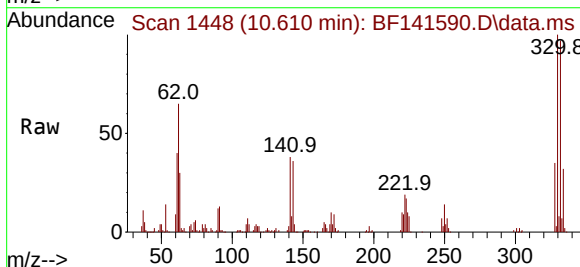
Tgt Ion:248 Resp: 17134

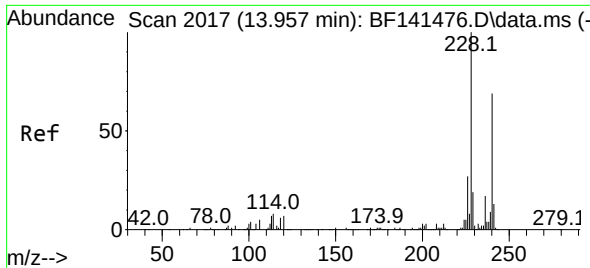
Ion Ratio Lower Upper

248 100

250 193.4 77.8 116.6#

141 525.7 60.6 90.8#

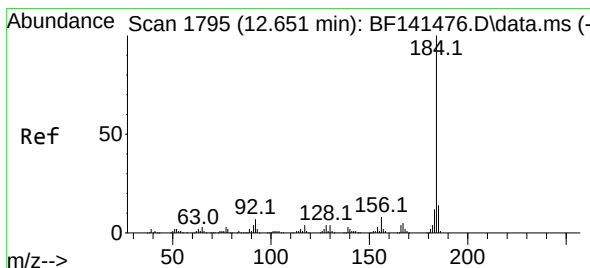
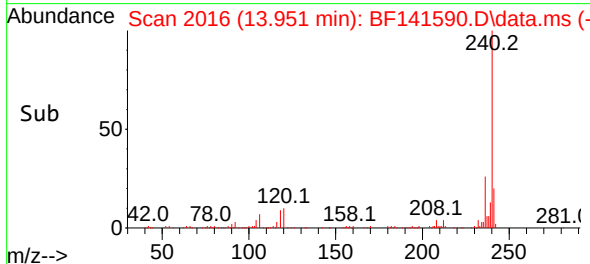
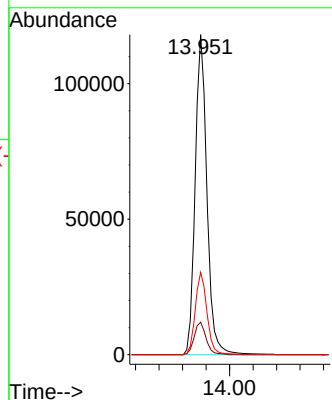
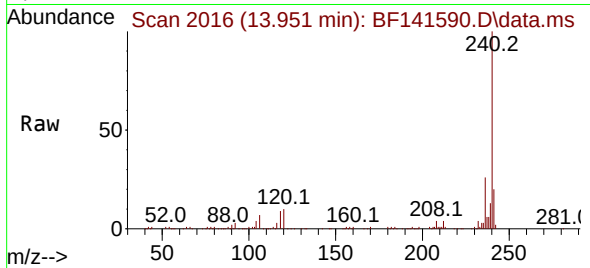




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF141590.D
Acq: 12 Feb 2025 15:16

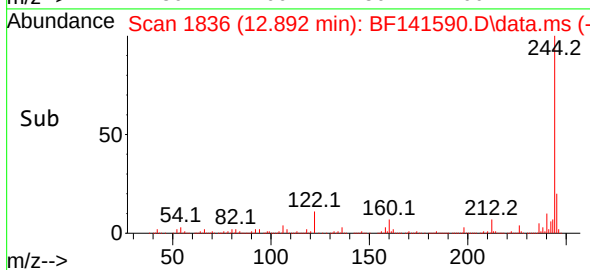
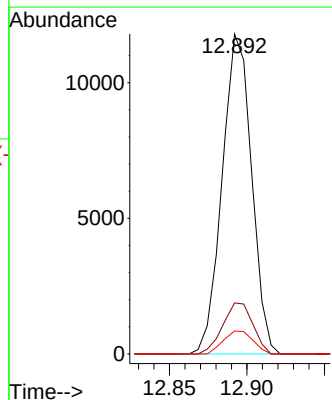
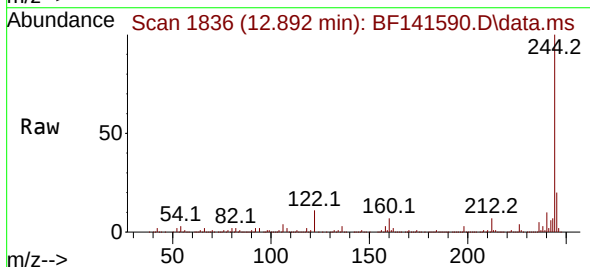
Instrument :
BNA_F
ClientSampleId :
WC-10

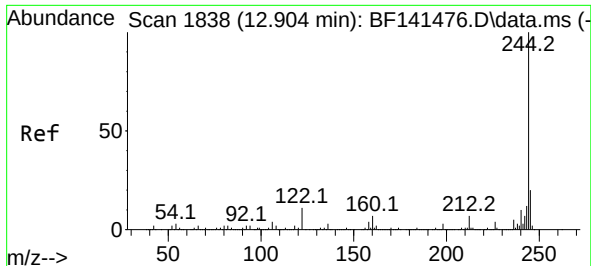
Tgt Ion:240 Resp: 164033
Ion Ratio Lower Upper
240 100
120 10.2 8.0 12.0
236 25.8 19.8 29.8



#77
Benzidine
Concen: 4.299 ng
RT: 12.892 min Scan# 1836
Delta R.T. 0.235 min
Lab File: BF141590.D
Acq: 12 Feb 2025 15:16

Tgt Ion:184 Resp: 15551
Ion Ratio Lower Upper
184 100
185 16.0 11.3 16.9
183 7.2 9.3 13.9#

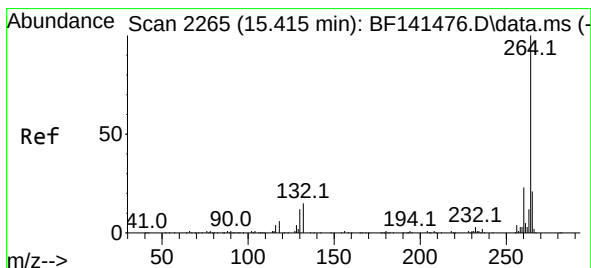
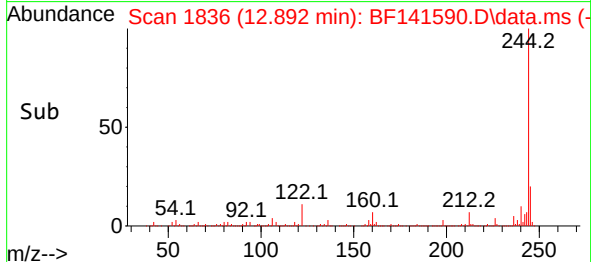
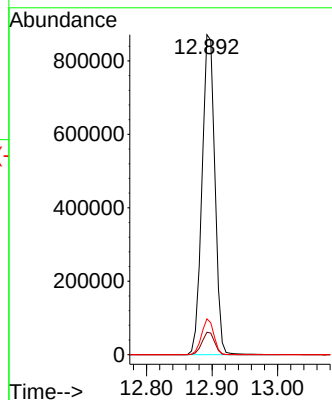
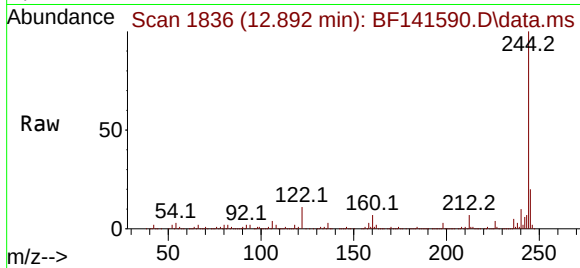




#79
 Terphenyl-d14
 Concen: 122.471 ng
 RT: 12.892 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF141590.D
 Acq: 12 Feb 2025 15:16

Instrument :
 BNA_F
 ClientSampleId :
 WC-10

Tgt Ion:244 Resp: 1190004
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.2 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2266
 Delta R.T. 0.006 min
 Lab File: BF141590.D
 Acq: 12 Feb 2025 15:16

Tgt Ion:264 Resp: 154118
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.5 17.0 25.4

