

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137231.D
 Acq On : 01 Feb 2024 14:51
 Operator : CG\JU
 Sample : P1270-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-LIQUID-20240126

Quant Time: Feb 01 15:13:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

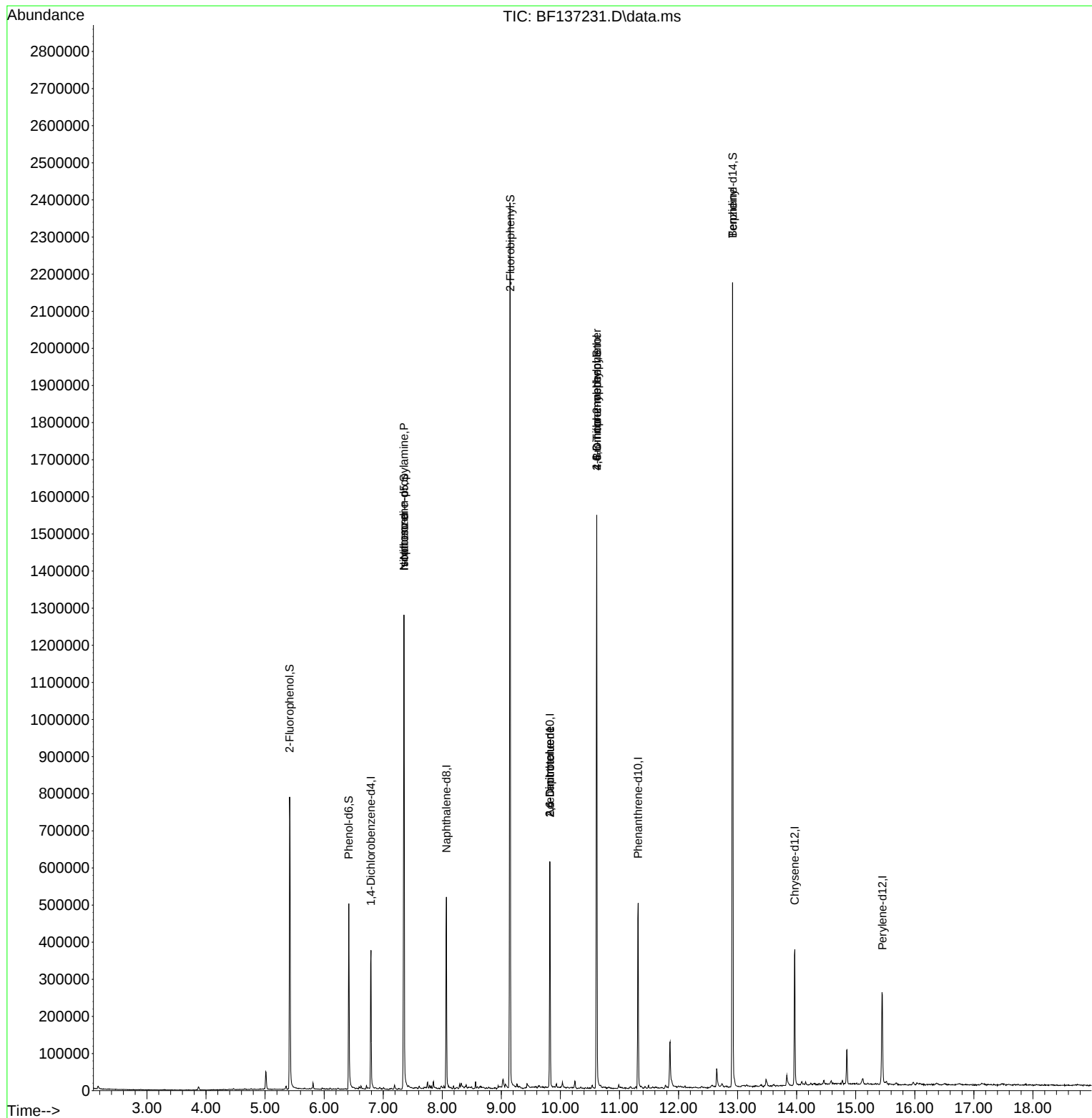
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	55466	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	212867	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	115416	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	193079	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	135382	20.000	ng	0.00
86) Perylene-d12	15.451	264	128456	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	202828	60.340	ng	0.00
7) Phenol-d6	6.416	99	154714	32.252	ng	-0.01
23) Nitrobenzene-d5	7.351	82	438063	92.136	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	179877	138.000	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	777490	92.603	ng	0.00
79) Terphenyl-d14	12.916	244	768874	77.207	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	61497	18.697	ng	# 78
25) Isophorone	7.351	82	438059	49.916	ng	# 67
51) 2,6-Dinitrotoluene	9.822	165	14671	8.824	ng	# 18
57) 2,4-Dinitrotoluene	9.822	165	14671	6.800	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.616	198	390	5.793	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	12313	5.800	ng	# 1
77) Benzidine	12.916	184	9776	4.033	ng	# 94

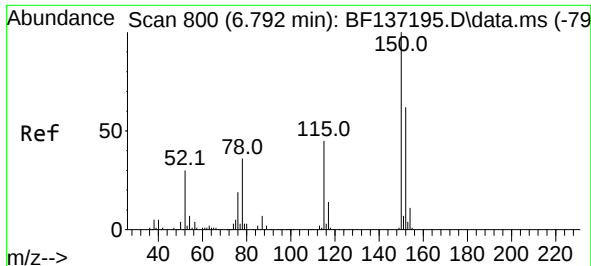
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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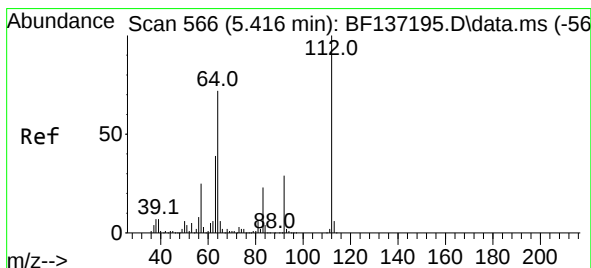
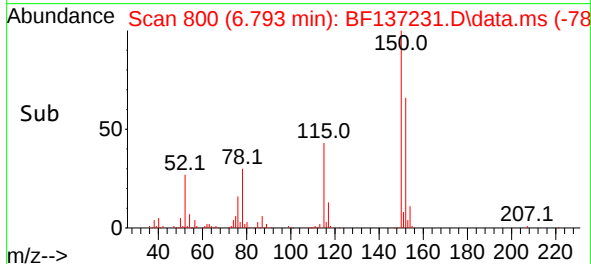
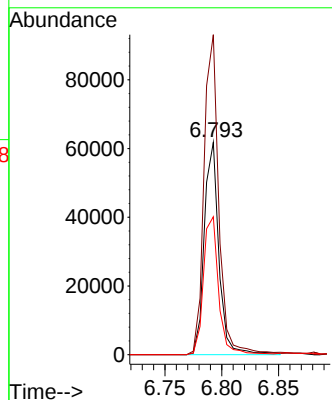
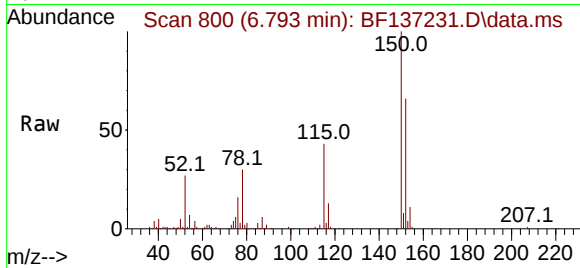




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF137231.D
Acq: 01 Feb 2024 14:51

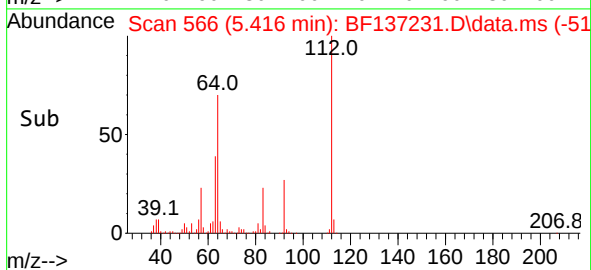
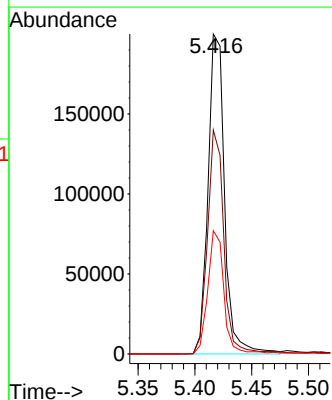
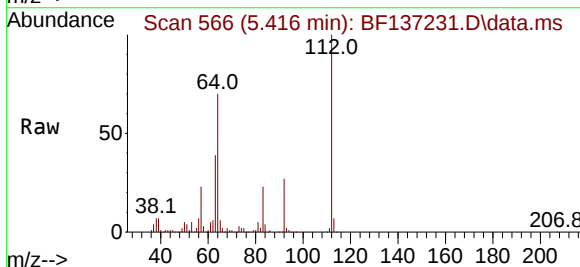
Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20240126

Tgt Ion:152 Resp: 55466
Ion Ratio Lower Upper
152 100
150 150.7 129.8 194.8
115 65.0 58.5 87.7



#5
2-Fluorophenol
Concen: 60.340 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF137231.D
Acq: 01 Feb 2024 14:51

Tgt Ion:112 Resp: 202828
Ion Ratio Lower Upper
112 100
64 70.0 57.8 86.6
63 38.5 31.4 47.0

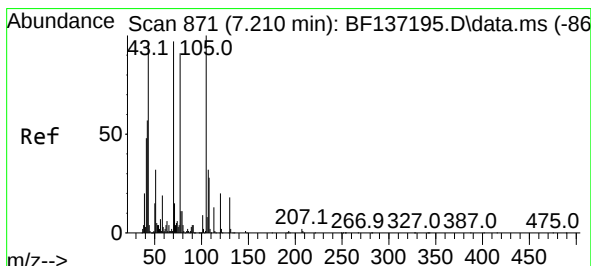
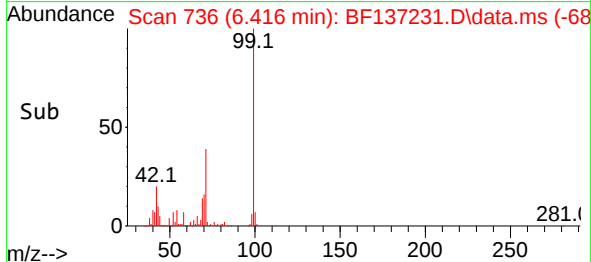
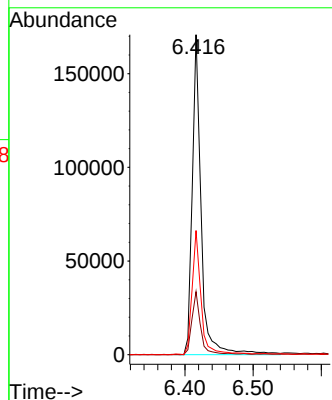
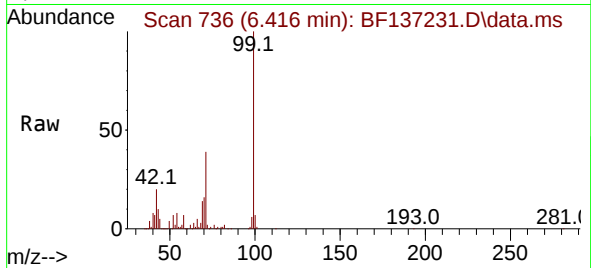




#7
Phenol-d6
Concen: 32.252 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137231.D
Acq: 01 Feb 2024 14:51

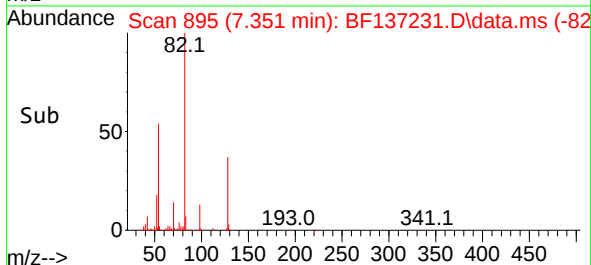
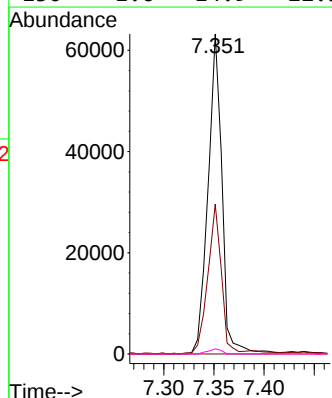
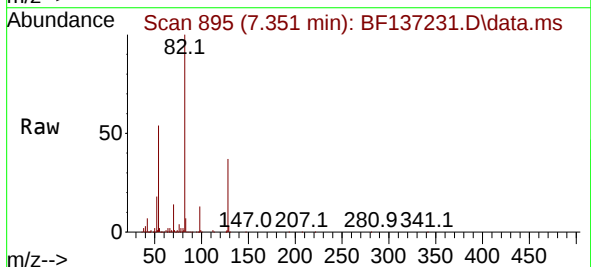
Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20240126

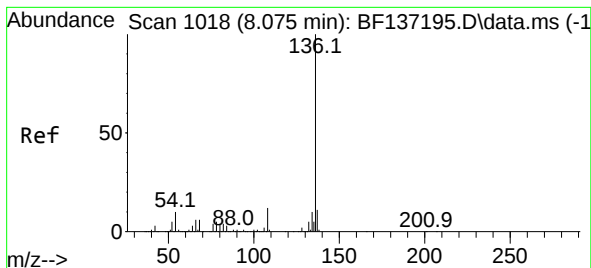
Tgt Ion: 99 Resp: 154714
Ion Ratio Lower Upper
99 100
42 19.7 16.4 24.6
71 38.8 32.4 48.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.697 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137231.D
Acq: 01 Feb 2024 14:51

Tgt Ion: 70 Resp: 61497
Ion Ratio Lower Upper
70 100
42 46.8 47.2 70.8#
101 0.0 7.4 11.0#
130 1.6 14.9 22.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF137231.D

Acq: 01 Feb 2024 14:51

Instrument :

BNA_F

ClientSampleId :

WC-LIQUID-20240126

Tgt Ion:136 Resp: 212867

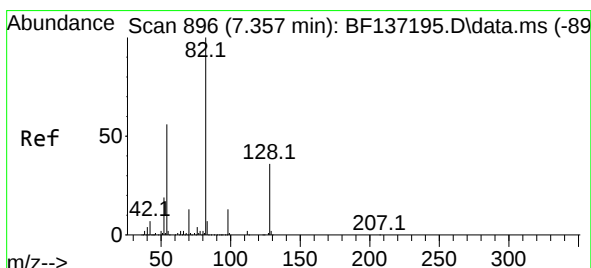
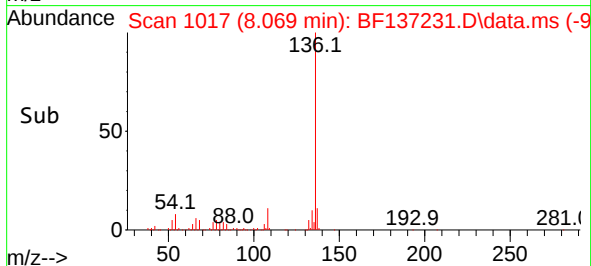
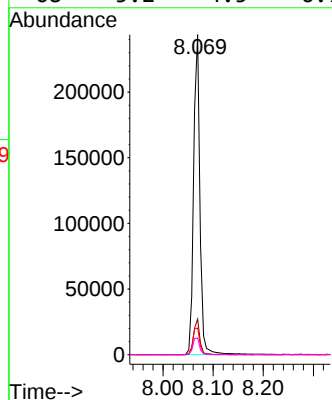
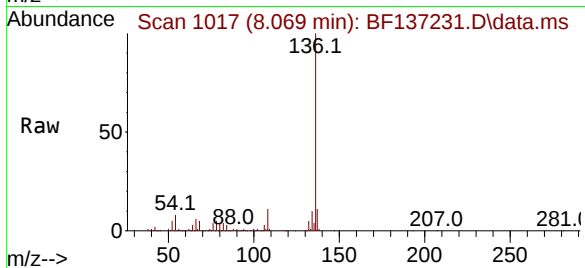
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.3 7.8 11.8

68 5.2 4.5 6.7



#23

Nitrobenzene-d5

Concen: 92.136 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137231.D

Acq: 01 Feb 2024 14:51

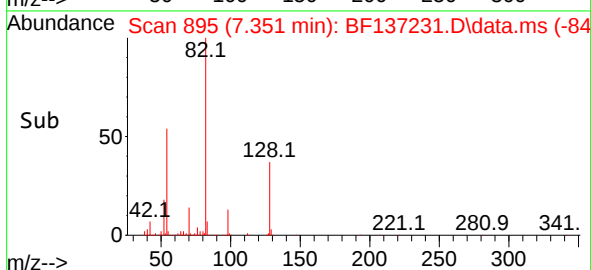
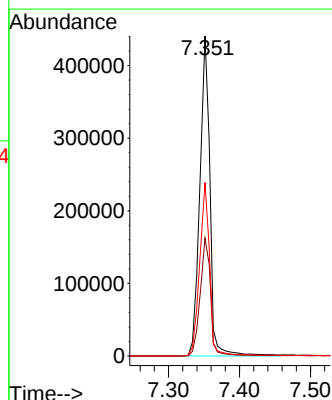
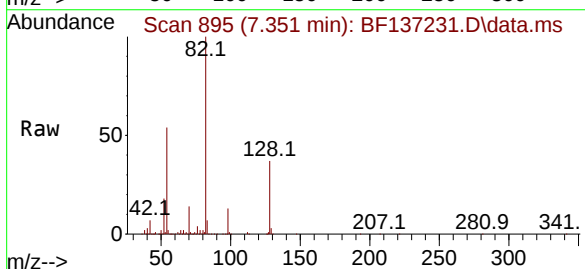
Tgt Ion: 82 Resp: 438063

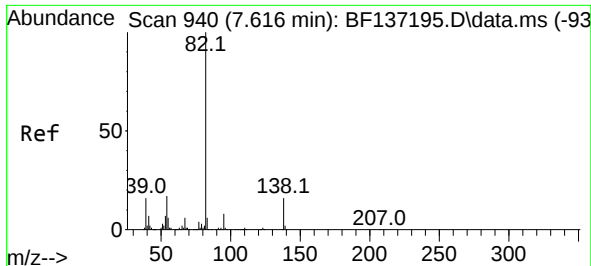
Ion Ratio Lower Upper

82 100

128 36.8 29.1 43.7

54 54.2 45.0 67.6

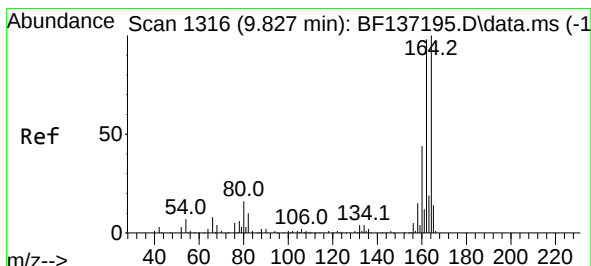
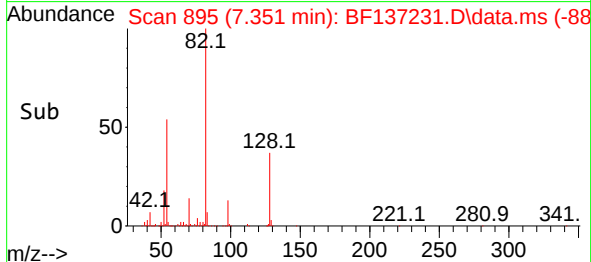
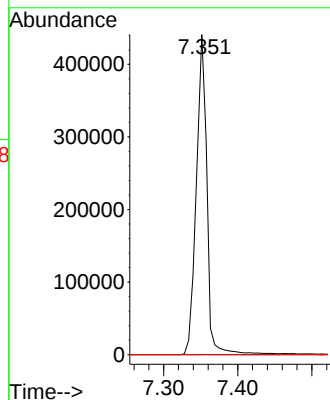
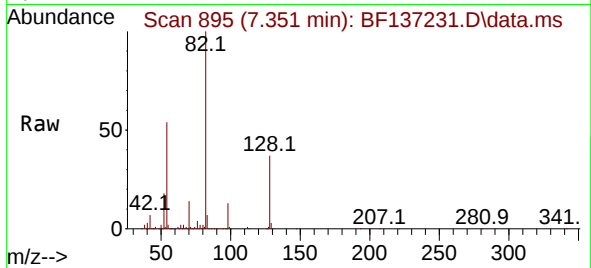




#25
Isophorone
Concen: 49.916 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.264 min
Lab File: BF137231.D
Acq: 01 Feb 2024 14:51

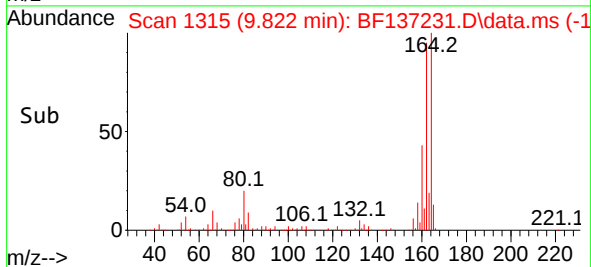
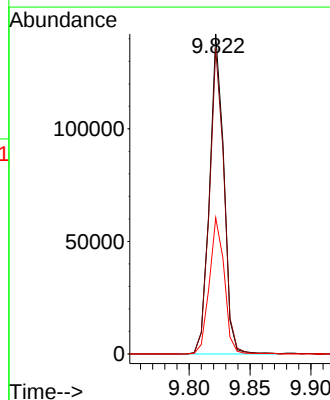
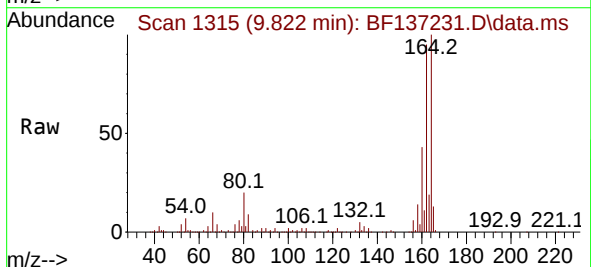
Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20240126

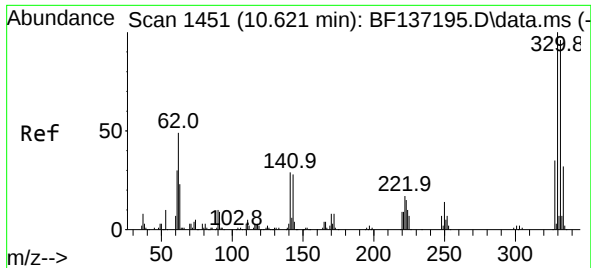
Tgt Ion: 82 Resp: 438059
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137231.D
Acq: 01 Feb 2024 14:51

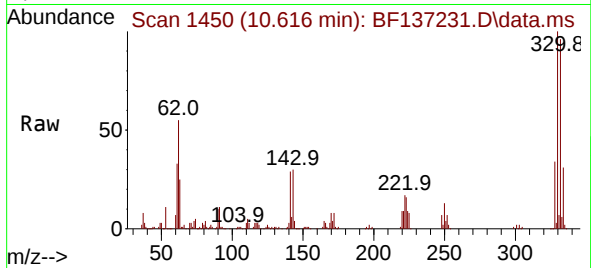
Tgt Ion: 164 Resp: 115416
Ion Ratio Lower Upper
164 100
162 95.4 78.3 117.5
160 42.5 35.4 53.2



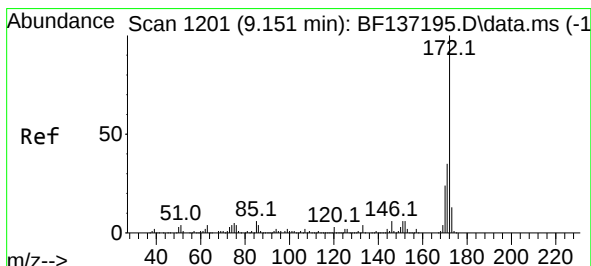
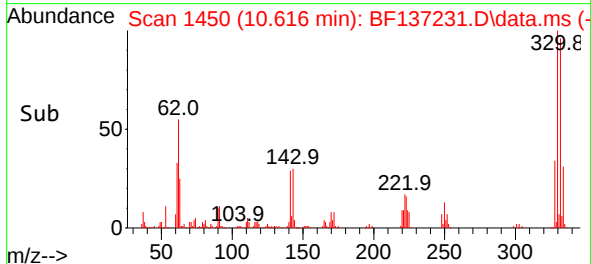
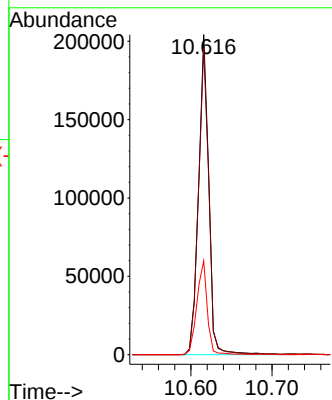


#42
2,4,6-Tribromophenol
Concen: 138.000 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137231.D
Acq: 01 Feb 2024 14:51

Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20240126

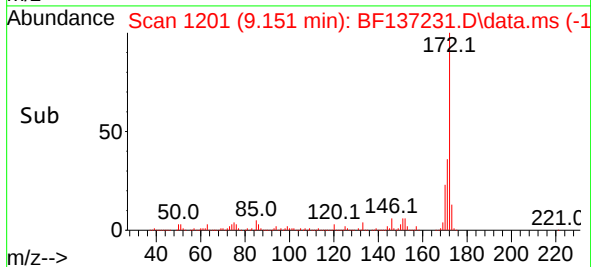
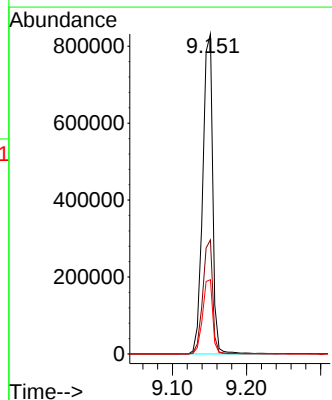
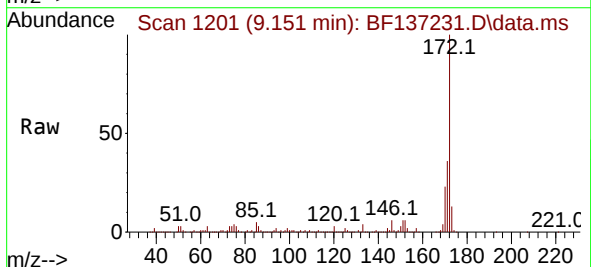


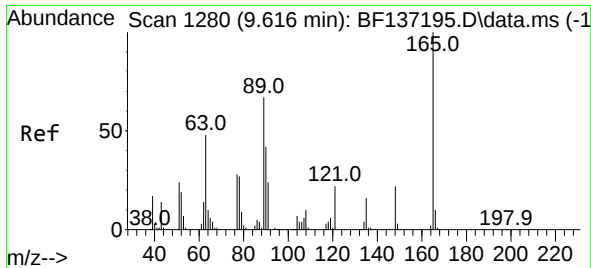
Tgt Ion: 330 Resp: 179877
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 29.9 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 92.603 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF137231.D
Acq: 01 Feb 2024 14:51

Tgt Ion: 172 Resp: 777490
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.2 19.1 28.7

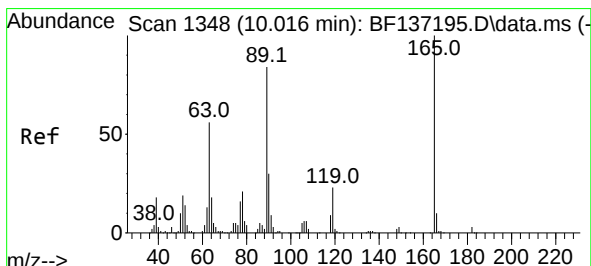
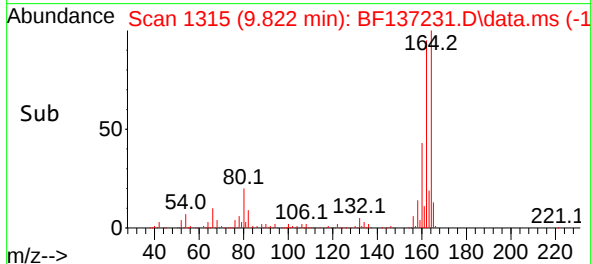
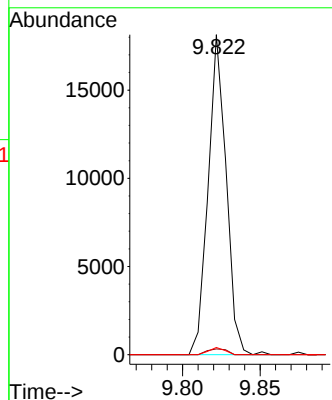
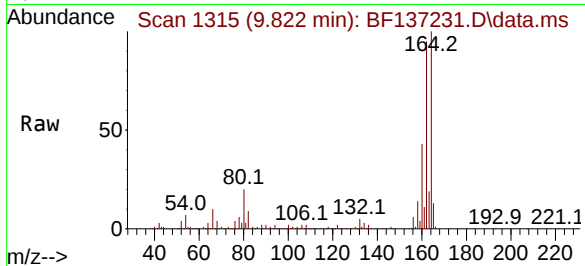




#51
2,6-Dinitrotoluene
Concen: 8.824 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF137231.D
Acq: 01 Feb 2024 14:51

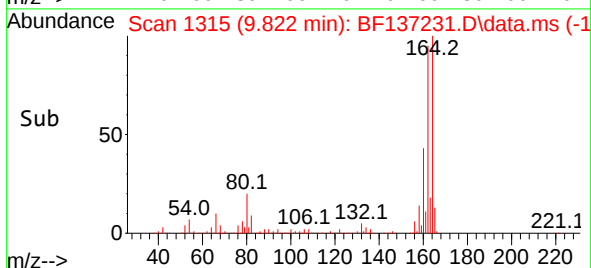
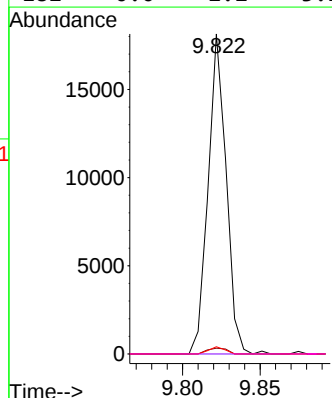
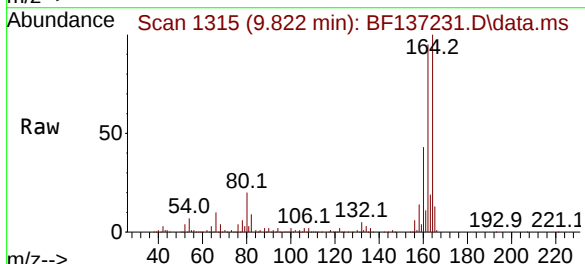
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WC-LIQUID-20240126

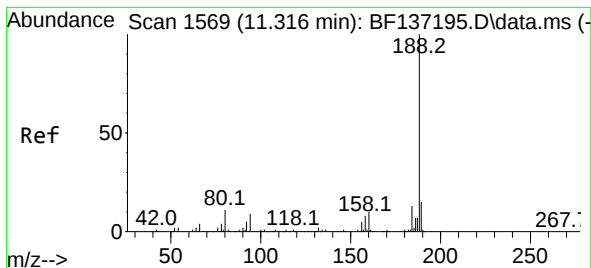
Tgt Ion:165 Resp: 14671
Ion Ratio Lower Upper
165 100
63 1.8 55.1 82.7#
89 2.2 53.5 80.3#



#57
2,4-Dinitrotoluene
Concen: 6.800 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF137231.D
Acq: 01 Feb 2024 14:51

Tgt Ion:165 Resp: 14671
Ion Ratio Lower Upper
165 100
63 1.8 46.1 69.1#
89 2.2 67.5 101.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137231.D

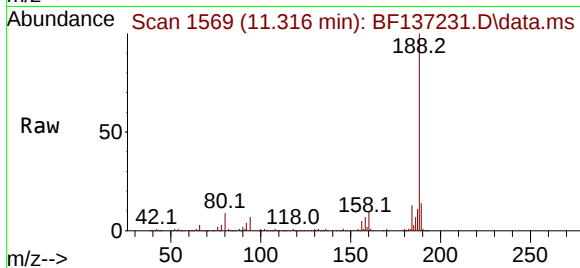
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Instrument :

BNA_F

ClientSampleId :

WC-LIQUID-20240126



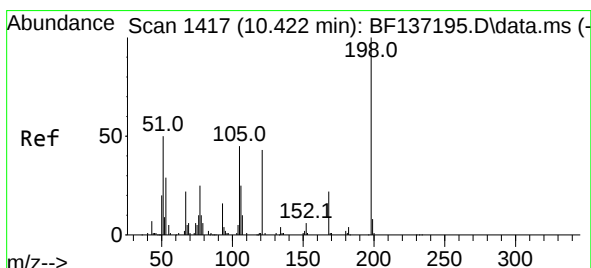
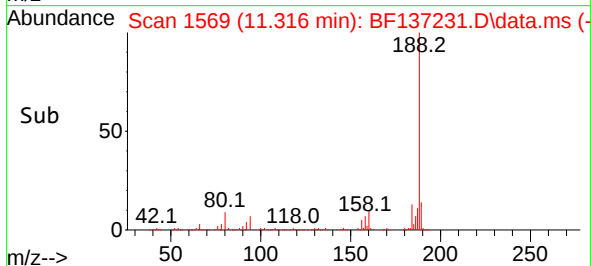
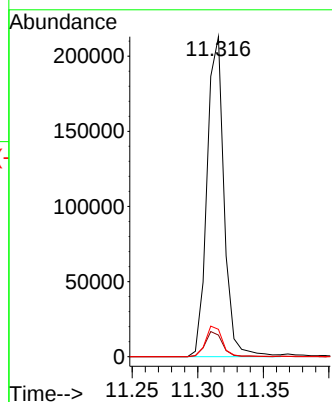
Tgt Ion:188 Resp: 193079

Ion Ratio Lower Upper

188 100

94 6.7 7.0 10.4#

80 8.6 8.8 13.2#



#65

4,6-Dinitro-2-methylphenol

Concen: 5.793 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.194 min

Lab File: BF137231.D

Acq: 01 Feb 2024 14:51

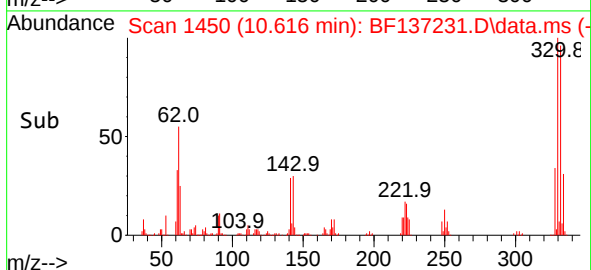
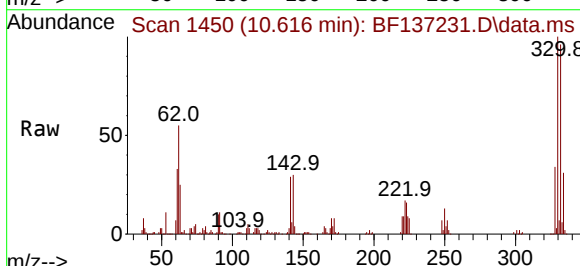
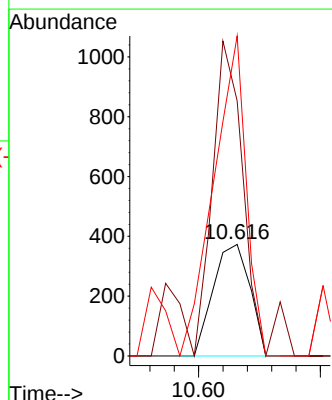
Tgt Ion:198 Resp: 390

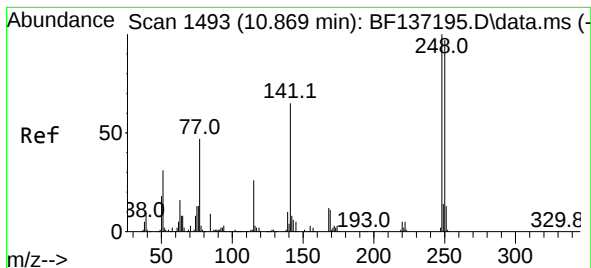
Ion Ratio Lower Upper

198 100

51 228.7 40.9 80.9#

105 286.9 26.5 66.5#

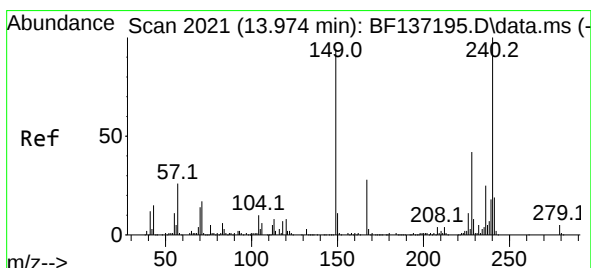
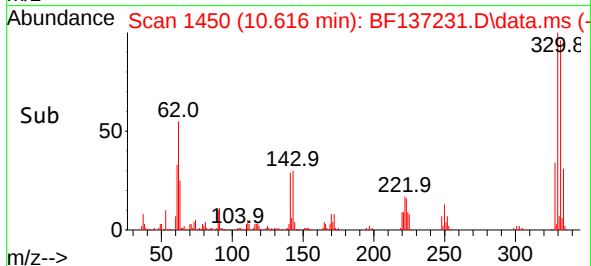
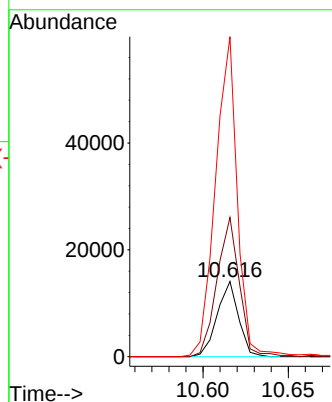
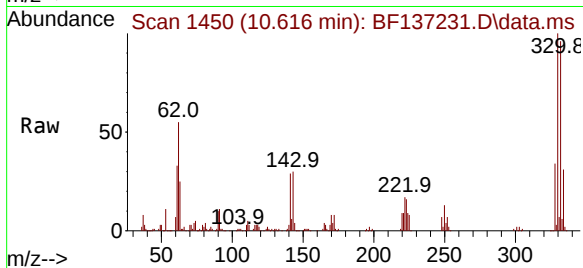




#67
4-Bromophenyl-phenylether
Concen: 5.800 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF137231.D
Acq: 01 Feb 2024 14:51

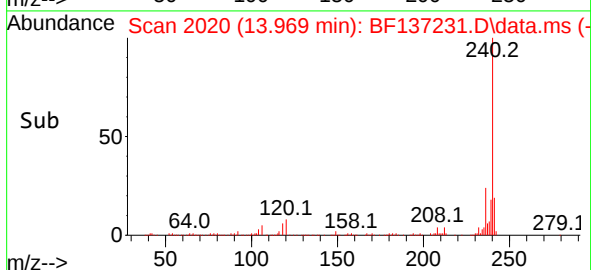
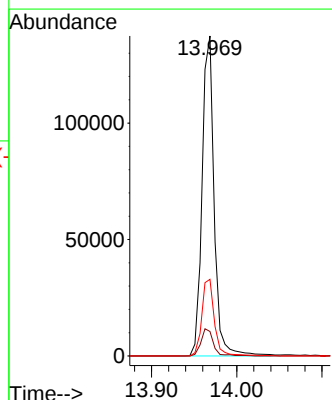
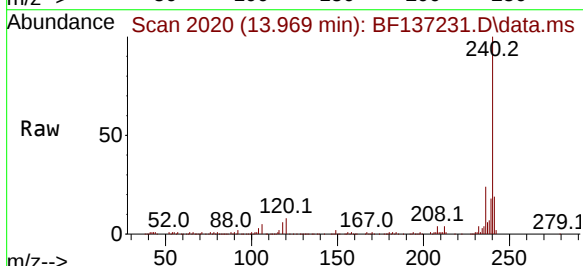
Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20240126

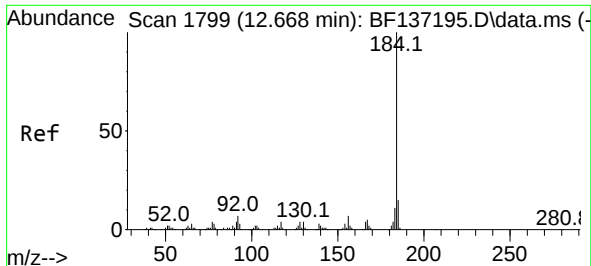
Tgt Ion:248 Resp: 12313
Ion Ratio Lower Upper
248 100
250 185.2 77.7 116.5#
141 425.7 51.6 77.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137231.D
Acq: 01 Feb 2024 14:51

Tgt Ion:240 Resp: 135382
Ion Ratio Lower Upper
240 100
120 7.6 6.3 9.5
236 24.0 20.3 30.5

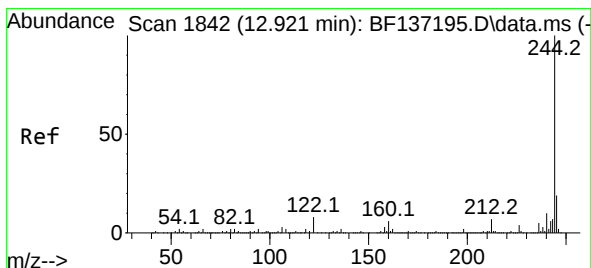
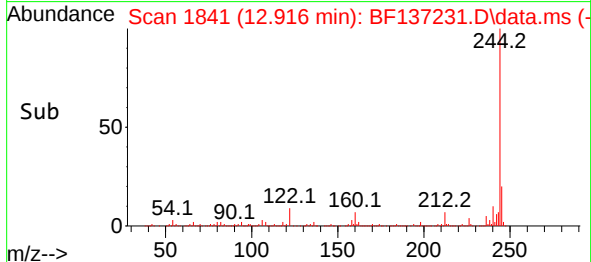
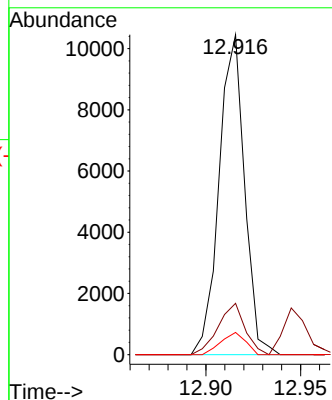
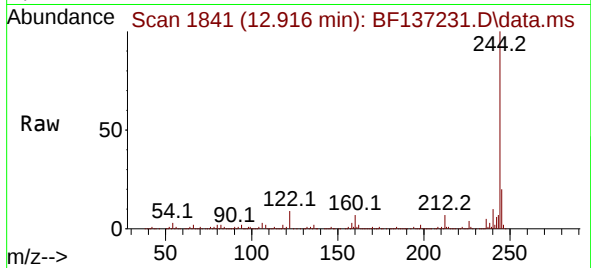




#77
Benzidine
Concen: 4.033 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.248 min
Lab File: BF137231.D
Acq: 01 Feb 2024 14:51

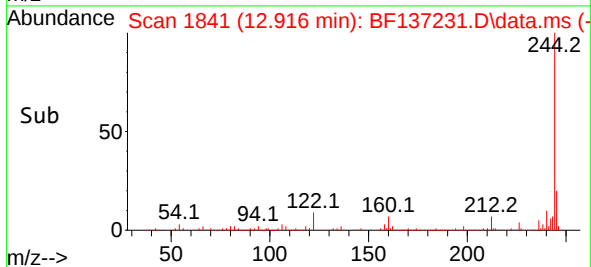
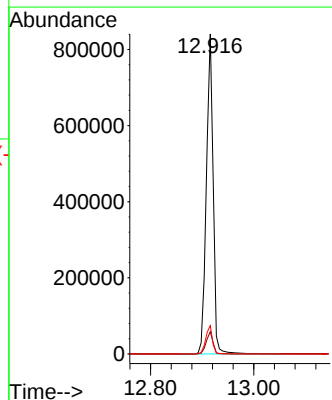
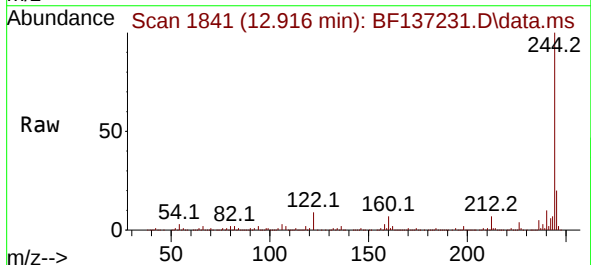
Instrument :
BNA_F
ClientSampleId :
WC-LIQUID-20240126

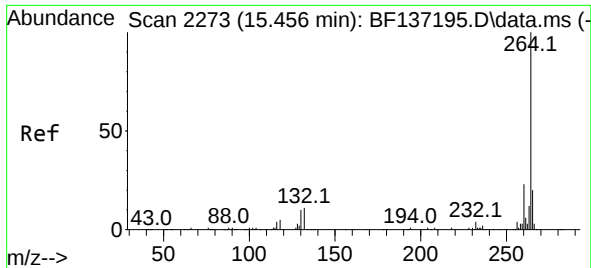
Tgt Ion:184 Resp: 9776
Ion Ratio Lower Upper
184 100
185 16.1 11.9 17.9
183 7.0 8.8 13.2#



#79
Terphenyl-d14
Concen: 77.207 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF137231.D
Acq: 01 Feb 2024 14:51

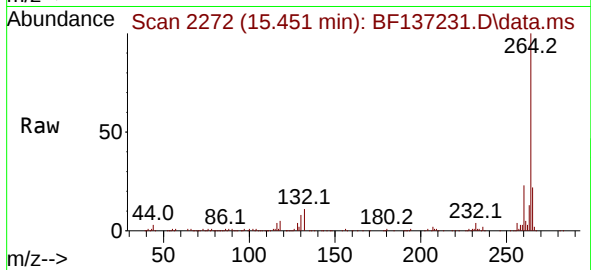
Tgt Ion:244 Resp: 768874
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 8.8 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF137231.D
 Acq: 01 Feb 2024 14:51

Instrument :
 BNA_F
 ClientSampleId :
 WC-LIQUID-20240126



Tgt Ion:264 Resp: 128456
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.4
 265 21.7 16.2 24.2

