

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135712.D
 Acq On : 11 Oct 2023 14:39
 Operator : CG\JU
 Sample : 04656-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-104D

Quant Time: Oct 12 00:47:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

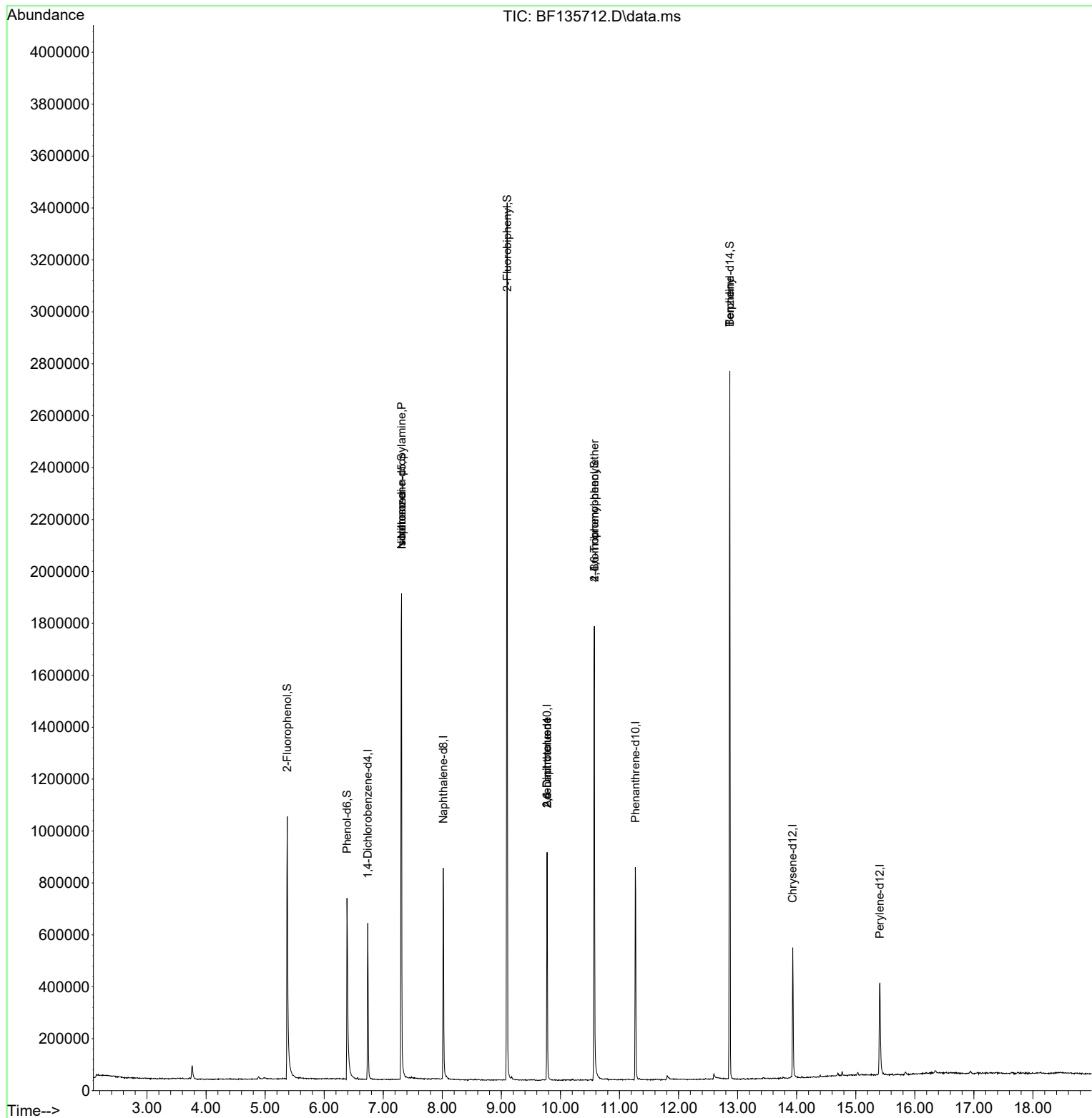
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	90875	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	373465	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	172702	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	331663	20.000	ng	0.00
76) Chrysene-d12	13.933	240	174846	20.000	ng	0.00
86) Perylene-d12	15.409	264	206303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	356616	63.826	ng	0.00
7) Phenol-d6	6.387	99	302615	42.594	ng	0.00
23) Nitrobenzene-d5	7.310	82	625292	90.964	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	228306	133.027	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1066681	93.185	ng	0.00
79) Terphenyl-d14	12.868	244	959904	85.105	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	82622	18.775	ng	# 80
25) Isophorone	7.310	82	625292	49.537	ng	# 65
51) 2,6-Dinitrotoluene	9.775	165	21925	8.571	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	21925	6.847	ng	# 18
67) 4-Bromophenyl-phenylether	10.575	248	13724	4.161	ng	# 1
77) Benzydine	12.868	184	12383	3.457	ng	# 92

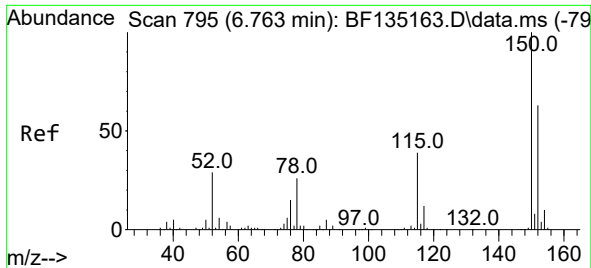
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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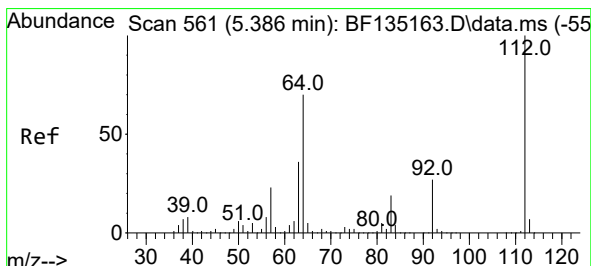
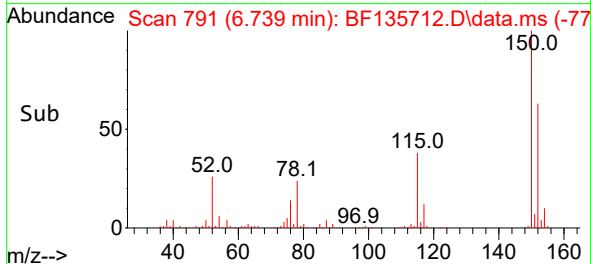
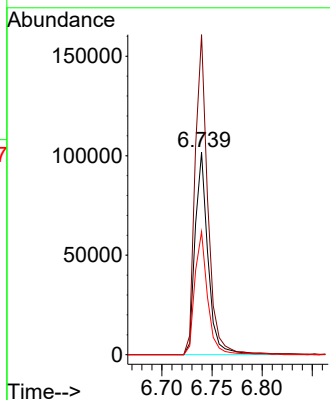
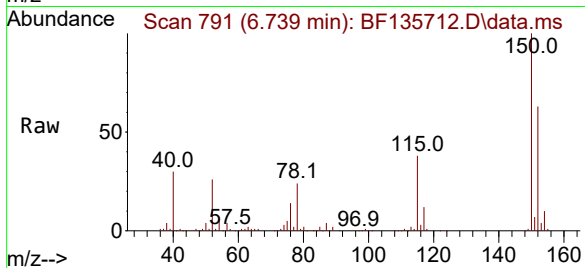




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135712.D
Acq: 11 Oct 2023 14:39

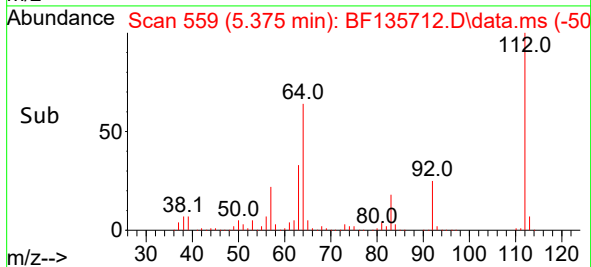
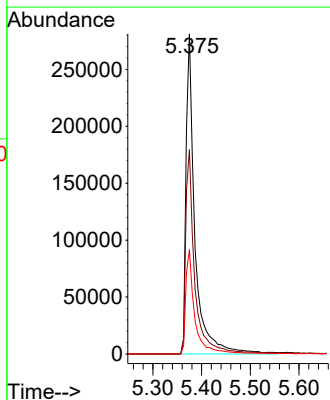
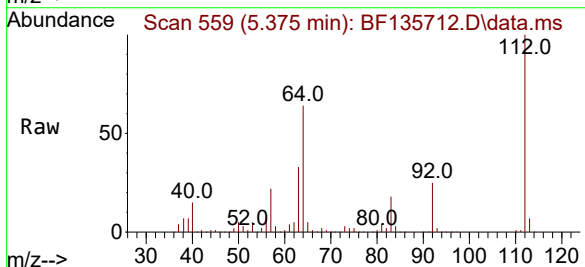
Instrument :
BNA_F
ClientSampleId :
MW-104D

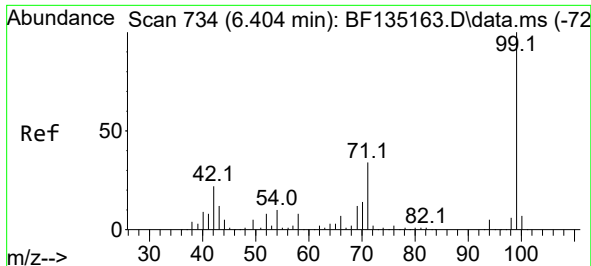
Tgt Ion:152 Resp: 90875
Ion Ratio Lower Upper
152 100
150 158.2 127.8 191.6
115 60.7 49.8 74.8



#5
2-Fluorophenol
Concen: 63.826 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135712.D
Acq: 11 Oct 2023 14:39

Tgt Ion:112 Resp: 356616
Ion Ratio Lower Upper
112 100
64 63.8 55.9 83.9
63 32.6 29.0 43.6

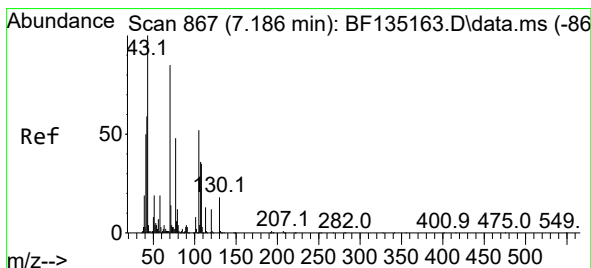
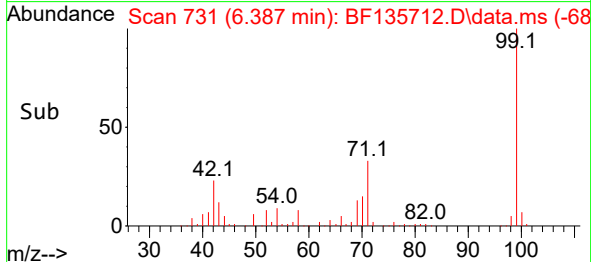
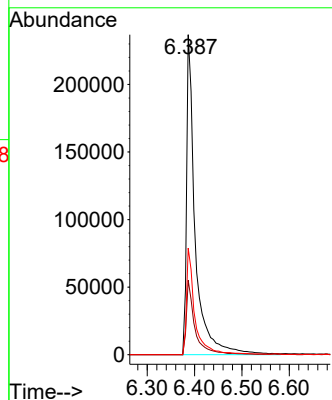
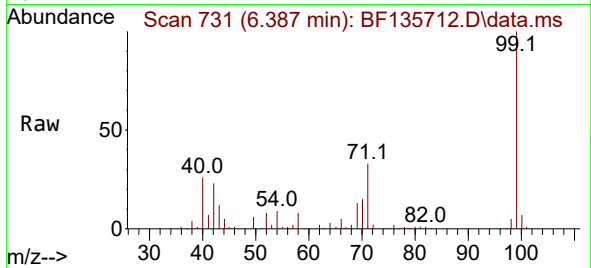




#7
Phenol-d6
Concen: 42.594 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135712.D
Acq: 11 Oct 2023 14:39

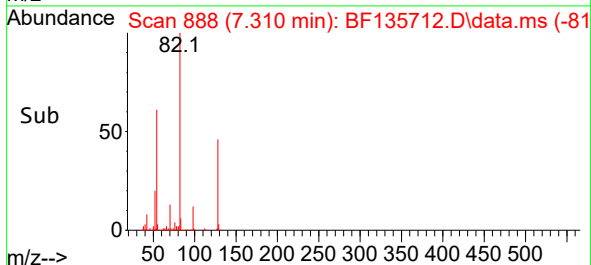
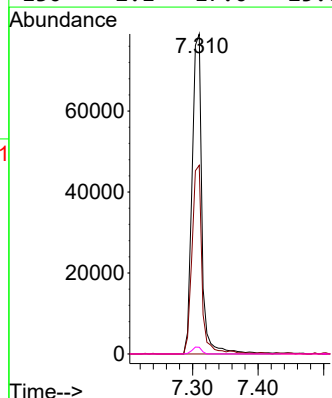
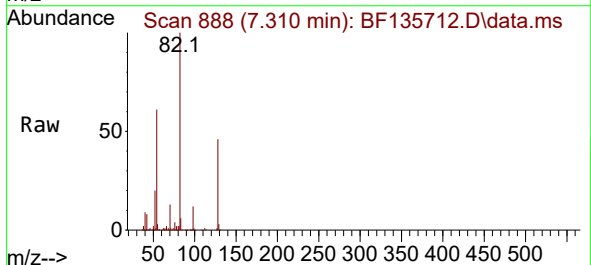
Instrument :
BNA_F
ClientSampleId :
MW-104D

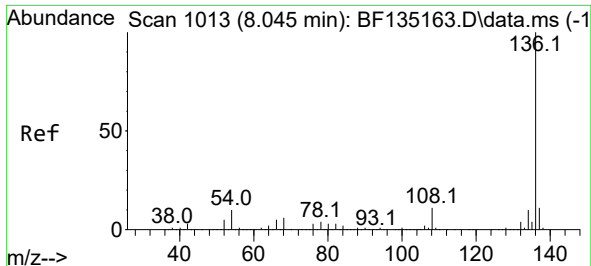
Tgt Ion: 99 Resp: 302615
Ion Ratio Lower Upper
99 100
42 23.2 17.9 26.9
71 33.3 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.775 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.153 min
Lab File: BF135712.D
Acq: 11 Oct 2023 14:39

Tgt Ion: 70 Resp: 82622
Ion Ratio Lower Upper
70 100
42 59.0 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#

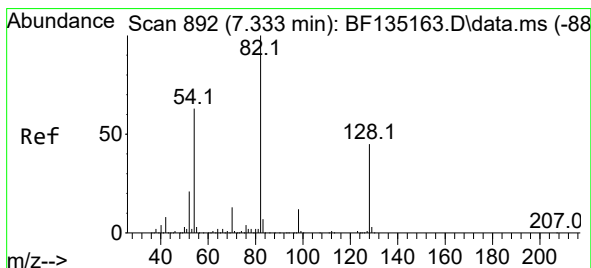
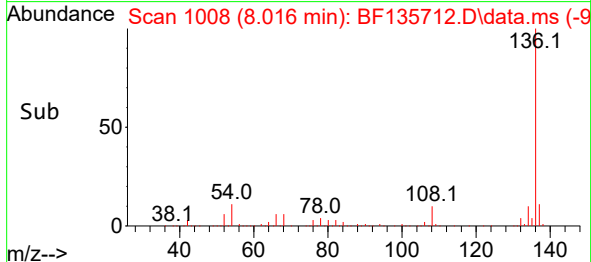
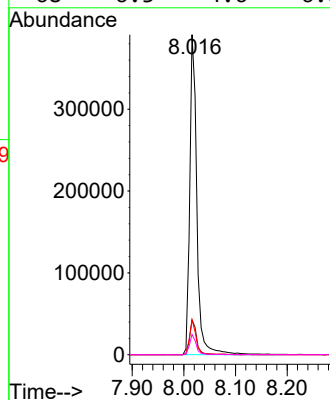
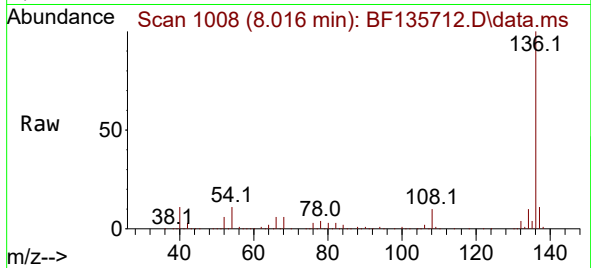




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135712.D
Acq: 11 Oct 2023 14:39

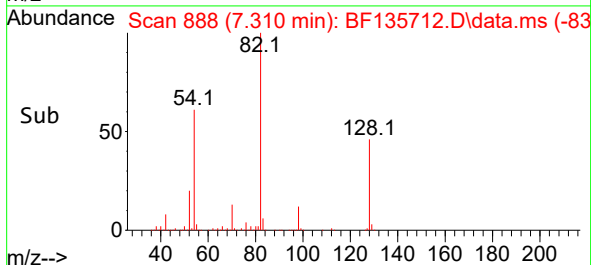
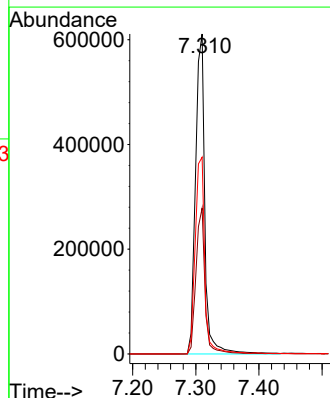
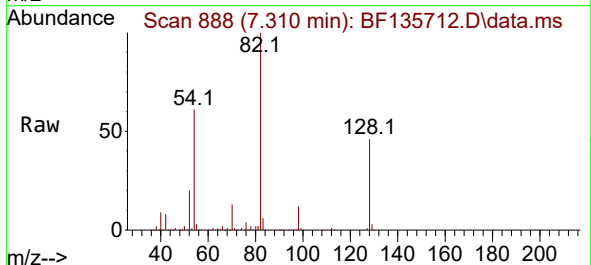
Instrument :
BNA_F
ClientSampleId :
MW-104D

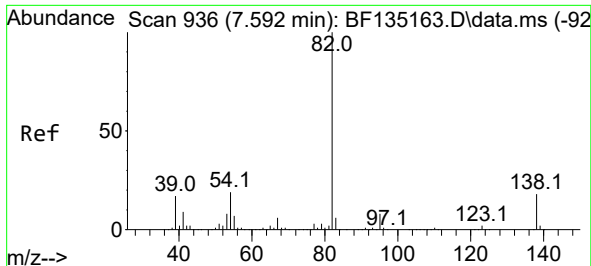
Tgt Ion:136 Resp: 373465
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.9 7.7 11.5
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 90.964 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF135712.D
Acq: 11 Oct 2023 14:39

Tgt Ion: 82 Resp: 625292
Ion Ratio Lower Upper
82 100
128 45.6 35.8 53.6
54 61.5 50.6 76.0

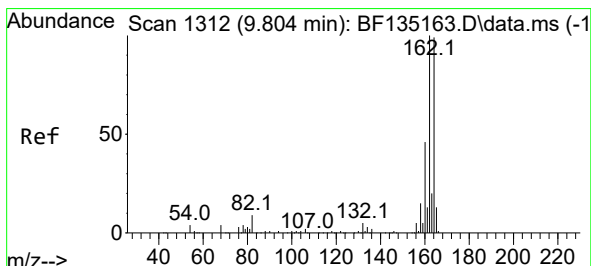
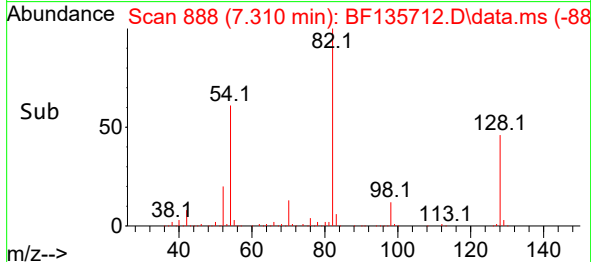
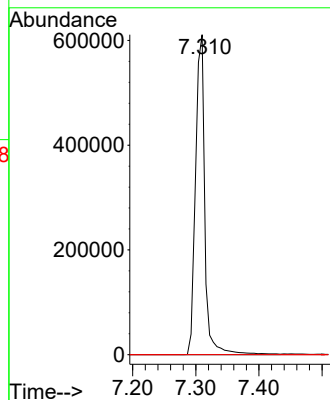
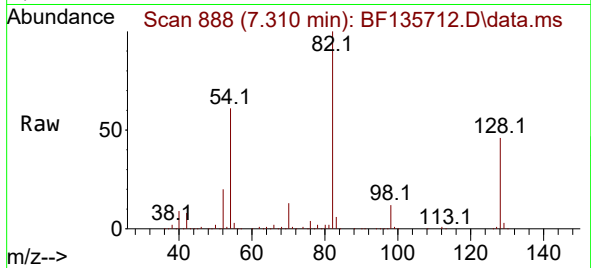




#25
Isophorone
Concen: 49.537 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF135712.D
Acq: 11 Oct 2023 14:39

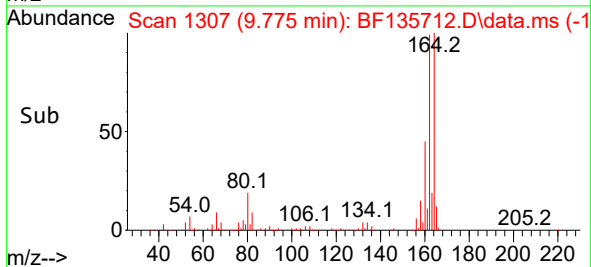
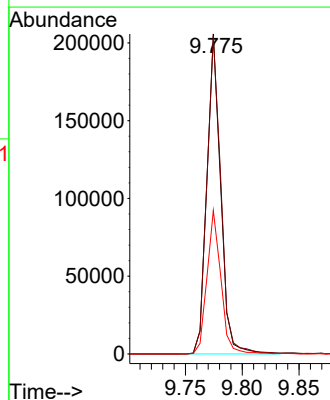
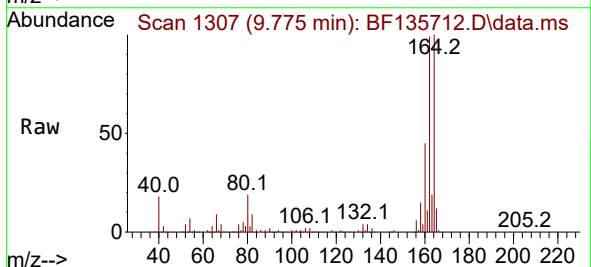
Instrument :
BNA_F
ClientSampleId :
MW-104D

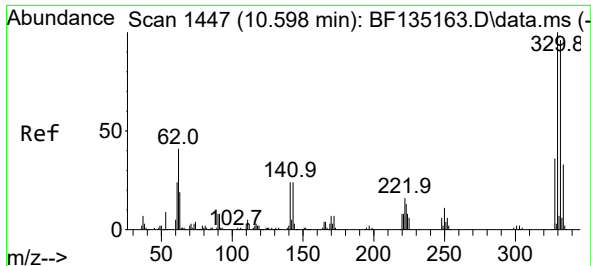
Tgt Ion: 82 Resp: 625292
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135712.D
Acq: 11 Oct 2023 14:39

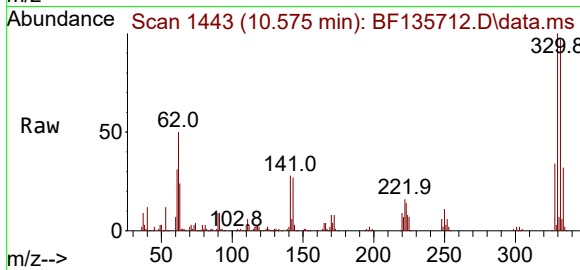
Tgt Ion: 164 Resp: 172702
Ion Ratio Lower Upper
164 100
162 99.3 81.0 121.4
160 44.8 37.0 55.4



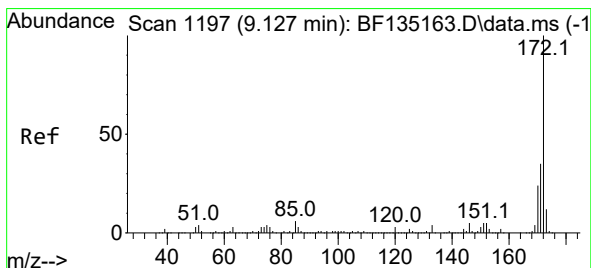
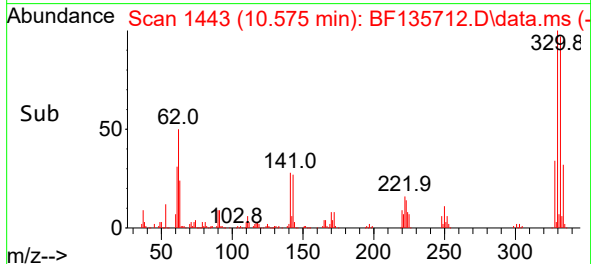
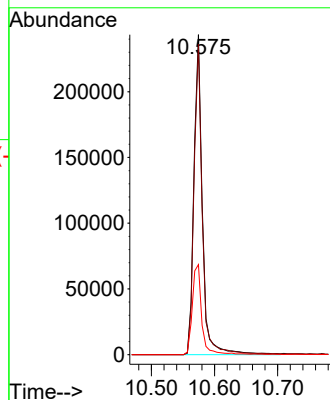


#42
 2,4,6-Tribromophenol
 Concen: 133.027 ng
 RT: 10.575 min Scan# 1443
 Delta R.T. -0.000 min
 Lab File: BF135712.D
 Acq: 11 Oct 2023 14:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-104D

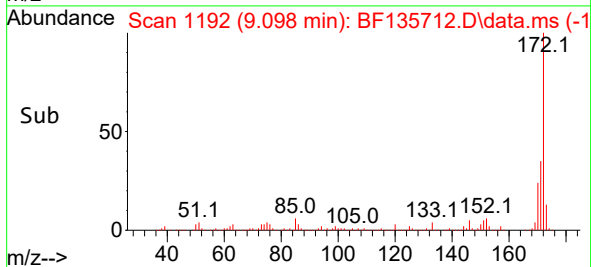
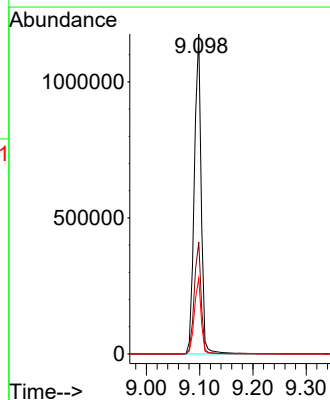
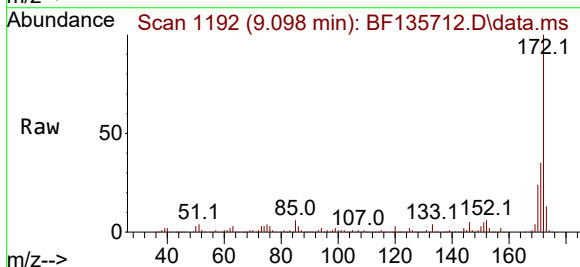


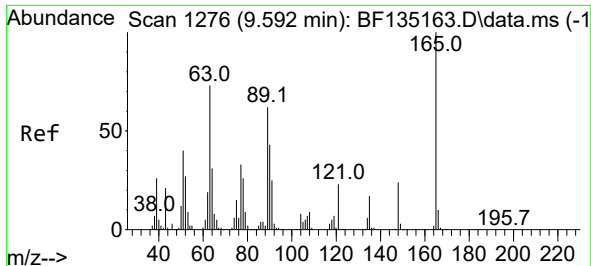
Tgt Ion:330 Resp: 228306
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.3 115.9
 141 31.6 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 93.185 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. -0.000 min
 Lab File: BF135712.D
 Acq: 11 Oct 2023 14:39

Tgt Ion:172 Resp: 1066681
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.4 42.6
 170 23.7 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.571 ng

RT: 9.775 min Scan# 1

Delta R.T. 0.194 min

Lab File: BF135712.D

Acq: 11 Oct 2023 14:39

Instrument :

BNA_F

ClientSampleId :

MW-104D

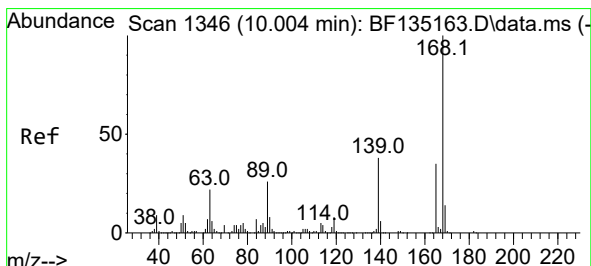
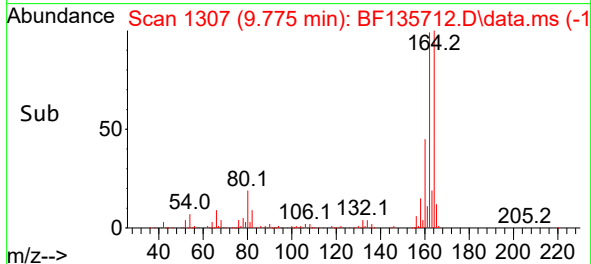
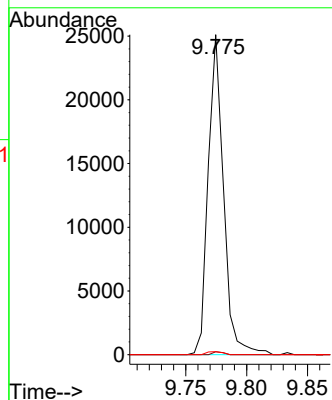
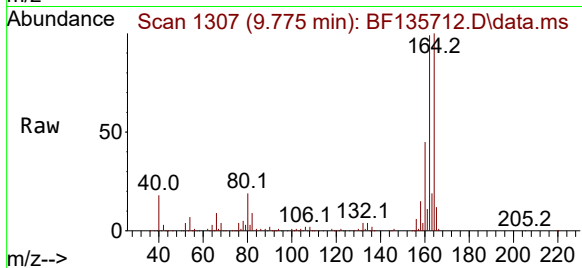
Tgt Ion:165 Resp: 21925

Ion Ratio Lower Upper

165 100

63 0.9 59.4 89.2#

89 1.0 49.8 74.8#



#57

2,4-Dinitrotoluene

Concen: 6.847 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.218 min

Lab File: BF135712.D

Acq: 11 Oct 2023 14:39

Tgt Ion:165 Resp: 21925

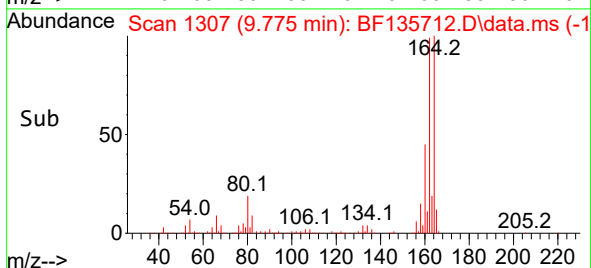
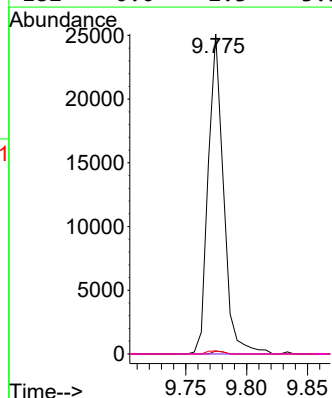
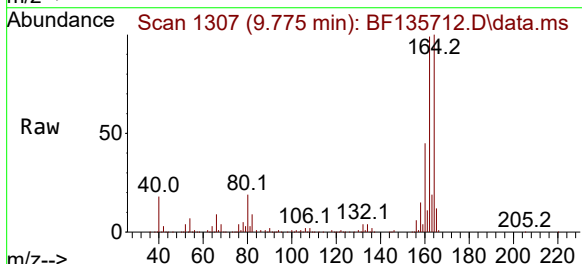
Ion Ratio Lower Upper

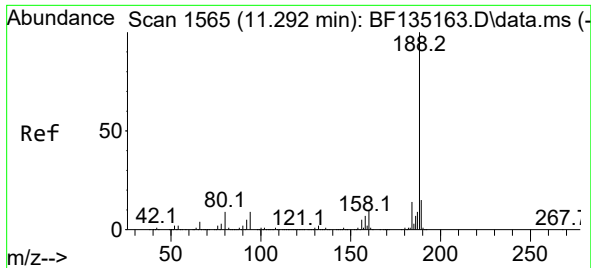
165 100

63 0.9 50.1 75.1#

89 1.0 59.3 88.9#

182 0.0 2.3 3.5#

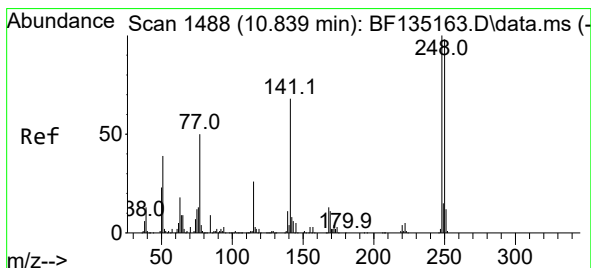
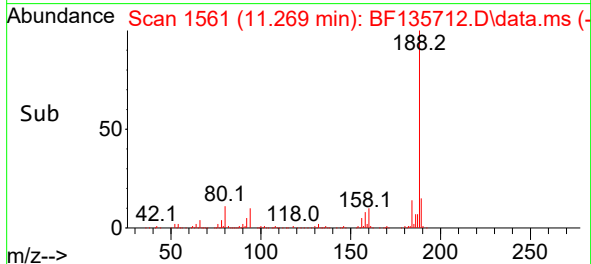
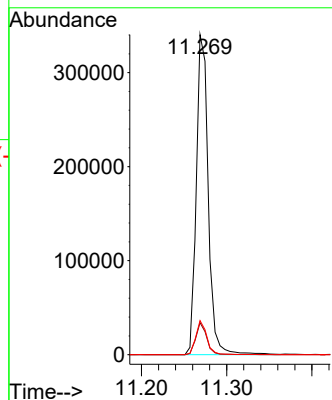
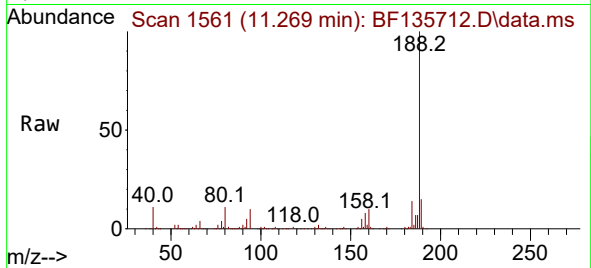




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135712.D
Acq: 11 Oct 2023 14:39

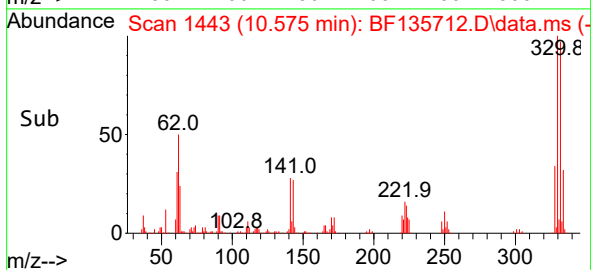
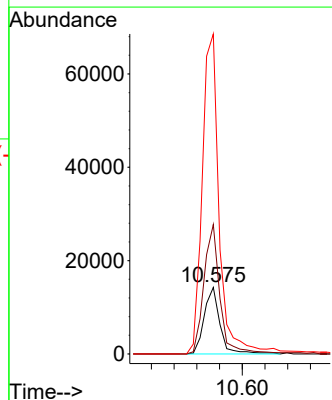
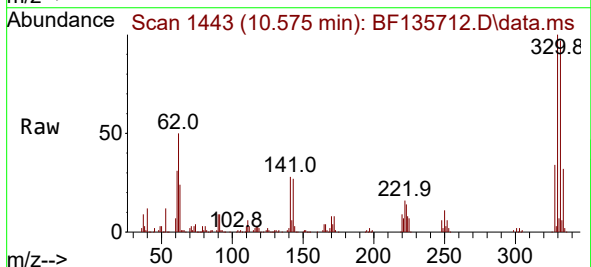
Instrument :
BNA_F
ClientSampleId :
MW-104D

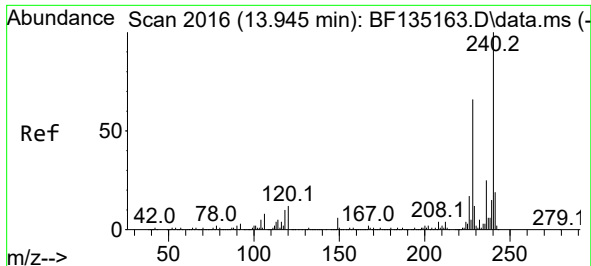
Tgt Ion:188 Resp: 331663
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.161 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF135712.D
Acq: 11 Oct 2023 14:39

Tgt Ion:248 Resp: 13724
Ion Ratio Lower Upper
248 100
250 194.4 78.6 117.8#
141 480.6 54.2 81.2#

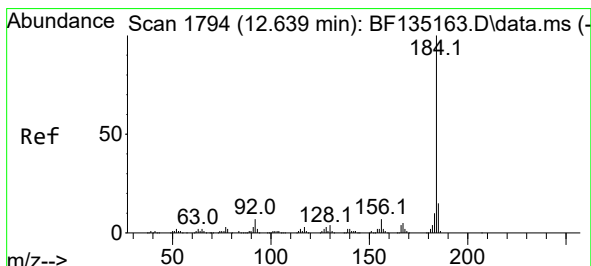
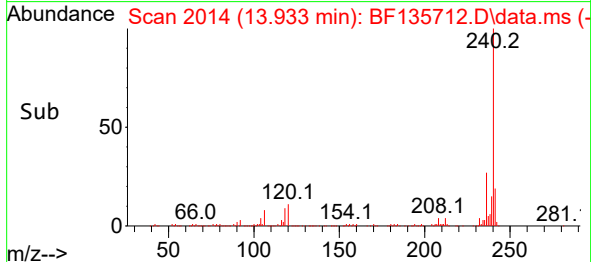
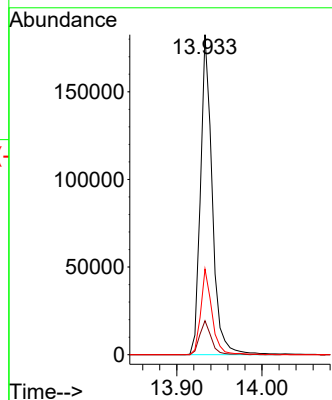
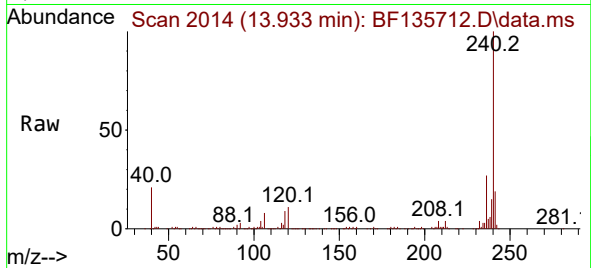




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135712.D
Acq: 11 Oct 2023 14:39

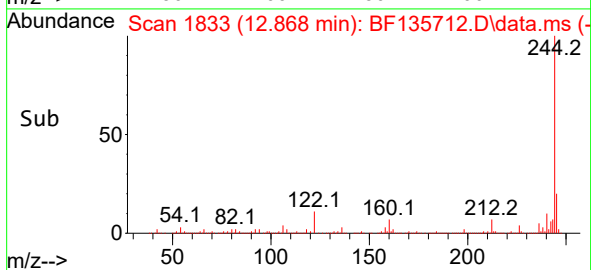
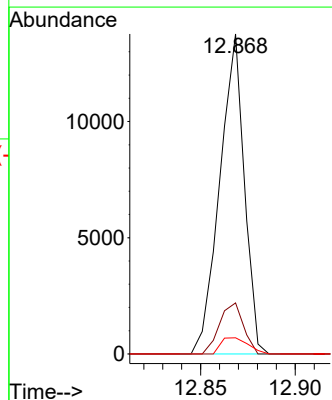
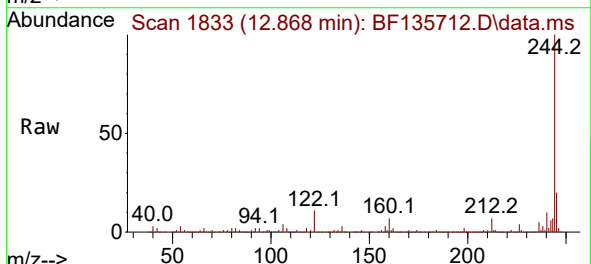
Instrument :
BNA_F
ClientSampleId :
MW-104D

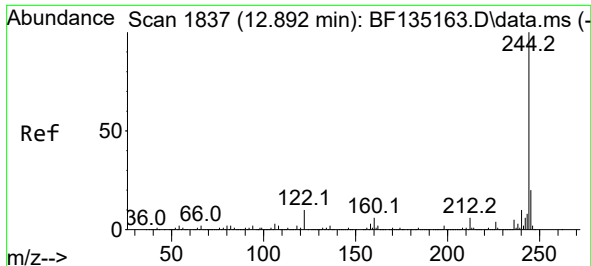
Tgt Ion:240 Resp: 174846
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 26.7 19.8 29.8



#77
Benzidine
Concen: 3.457 ng
RT: 12.868 min Scan# 1833
Delta R.T. 0.241 min
Lab File: BF135712.D
Acq: 11 Oct 2023 14:39

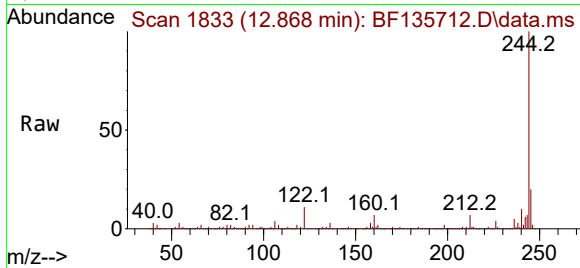
Tgt Ion:184 Resp: 12383
Ion Ratio Lower Upper
184 100
185 15.9 11.7 17.5
183 5.1 8.2 12.4#



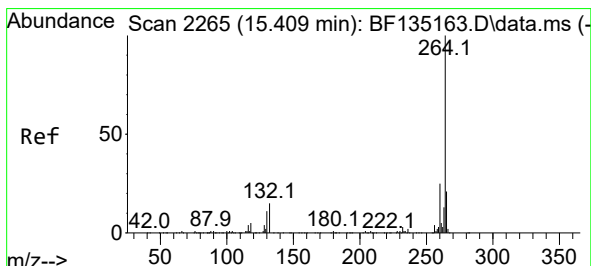
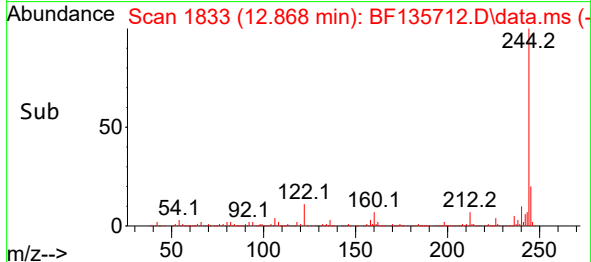
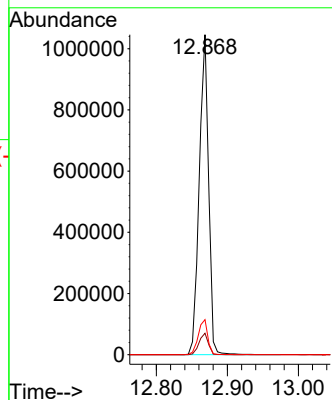


#79
 Terphenyl-d14
 Concen: 85.105 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: BF135712.D
 Acq: 11 Oct 2023 14:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-104D



Tgt Ion:244 Resp: 959904
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 10.9 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135712.D
 Acq: 11 Oct 2023 14:39

Tgt Ion:264 Resp: 206303
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.8 29.6
 265 20.8 17.0 25.4

