

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090722\
 Data File : BF130159.D
 Acq On : 07 Sep 2022 13:28
 Operator : CG\JU
 Sample : N4446-06RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Sep 08 02:47:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

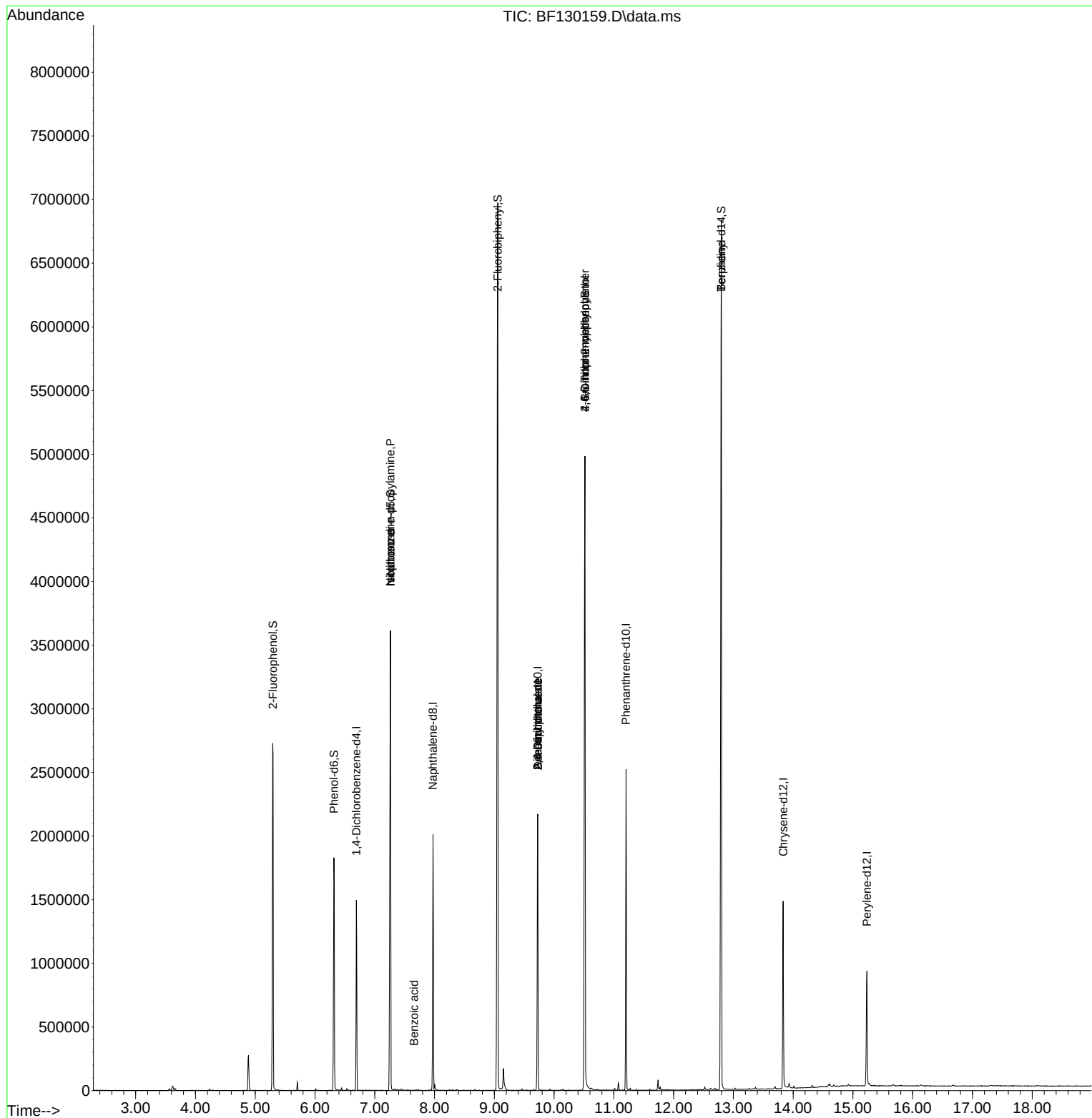
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	214870	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	876302	20.000	ng	0.00
39) Acenaphthene-d10	9.728	164	473530	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	824518	20.000	ng	0.00
76) Chrysene-d12	13.833	240	471322	20.000	ng	-0.01
86) Perylene-d12	15.233	264	370007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	867701	68.556	ng	0.00
7) Phenol-d6	6.316	99	679932	43.090	ng	-0.02
23) Nitrobenzene-d5	7.263	82	1381161	101.291	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	724887	168.170	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2444864	85.601	ng	0.00
79) Terphenyl-d14	12.798	244	2575279	94.752	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.263	70	182506	19.199	ng	# 72
25) Isophorone	7.263	82	1375211	49.830	ng	# 65
32) Benzoic acid	7.657	122	421	6.611	ng	91
50) Dimethylphthalate	9.728	163	91622	2.841	ng	# 1
51) 2,6-Dinitrotoluene	9.728	165	61924	9.847	ng	# 23
57) 2,4-Dinitrotoluene	9.728	165	61924	8.553	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.516	198	1504	6.419	ng	# 1
67) 4-Bromophenyl-phenylether	10.516	248	42215	4.603	ng	# 1
77) Benzidine	12.798	184	35134	2.761	ng	# 91

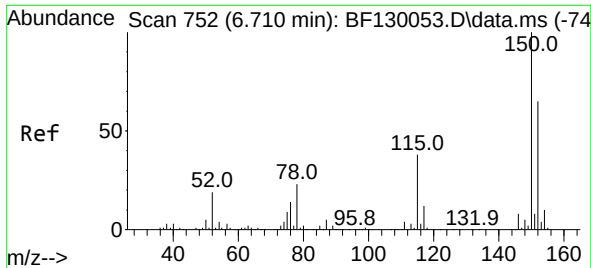
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

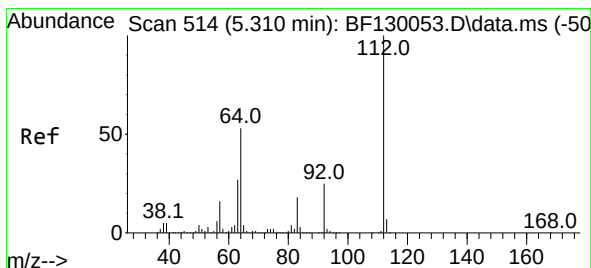
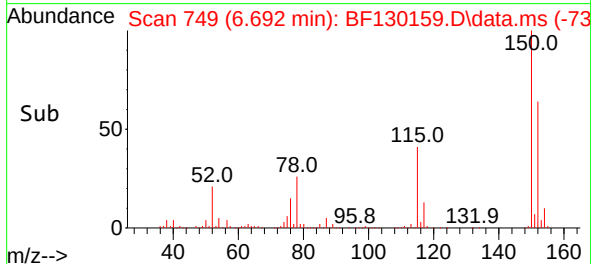
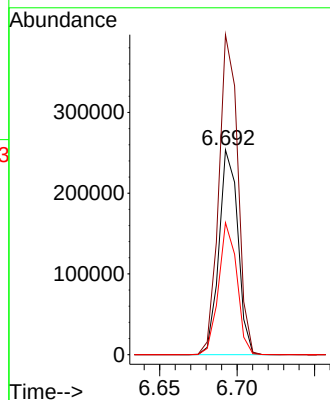
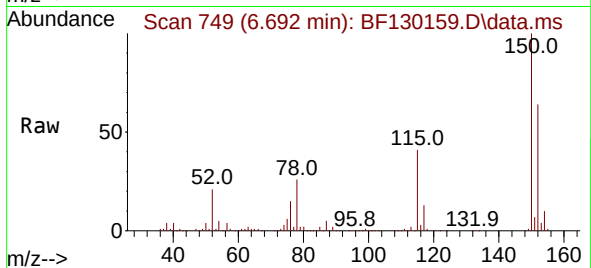




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130159.D
 Acq: 07 Sep 2022 13:28

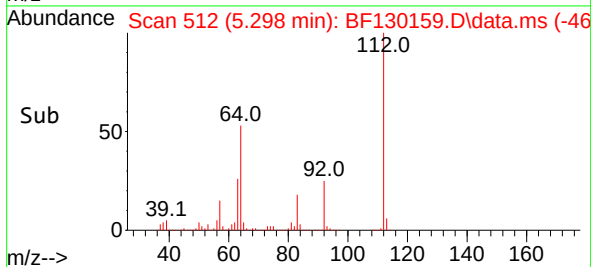
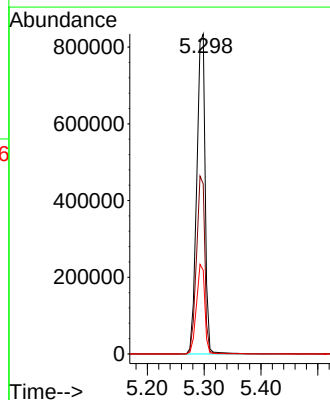
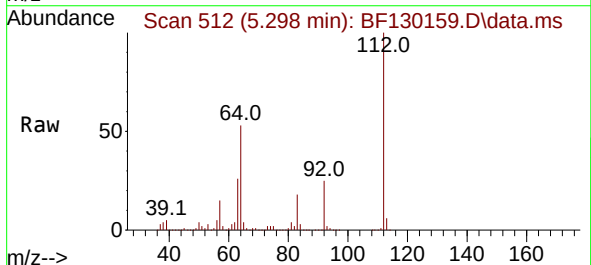
Instrument :
 BNA_F
 ClientSampleId :
 MW-06

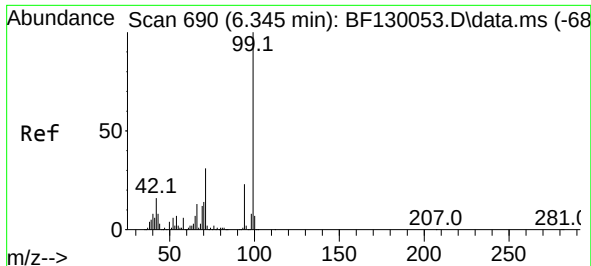
Tgt Ion:152 Resp: 214870
 Ion Ratio Lower Upper
 152 100
 150 156.2 126.9 190.3
 115 64.4 53.4 80.0



#5
 2-Fluorophenol
 Concen: 68.556 ng
 RT: 5.298 min Scan# 512
 Delta R.T. -0.000 min
 Lab File: BF130159.D
 Acq: 07 Sep 2022 13:28

Tgt Ion:112 Resp: 867701
 Ion Ratio Lower Upper
 112 100
 64 53.1 47.6 71.4
 63 26.2 24.6 37.0

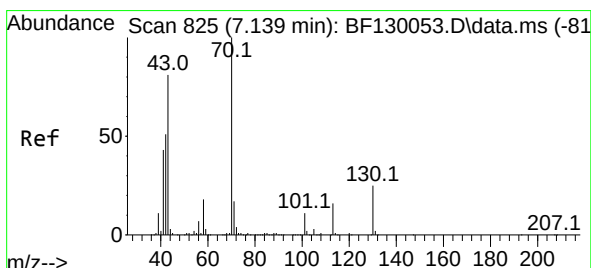
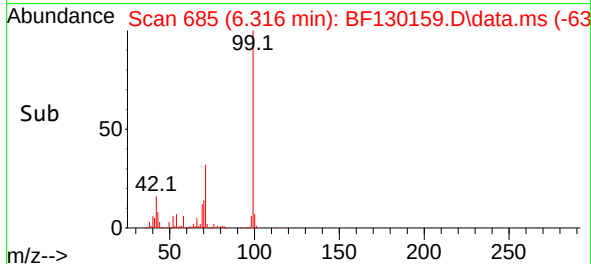
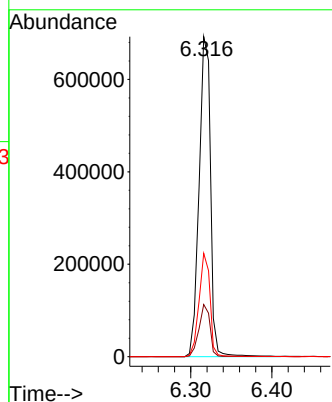
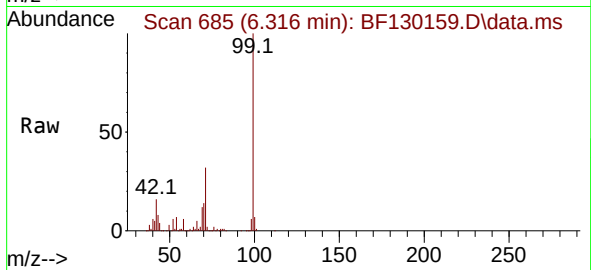




#7
Phenol-d6
Concen: 43.090 ng
RT: 6.316 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF130159.D
Acq: 07 Sep 2022 13:28

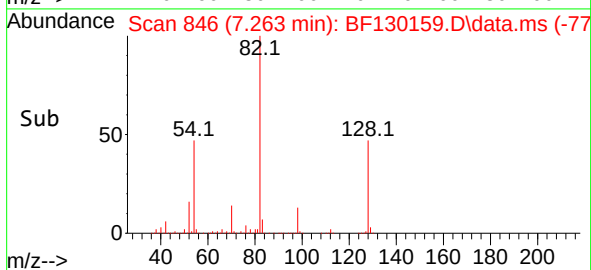
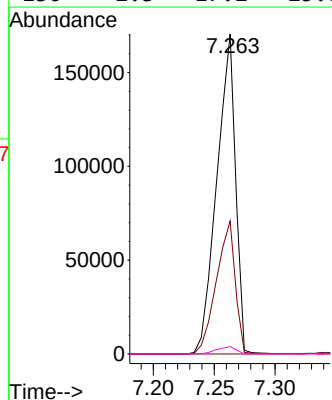
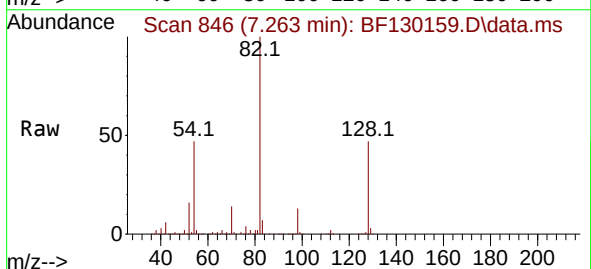
Instrument :
BNA_F
ClientSampleId :
MW-06

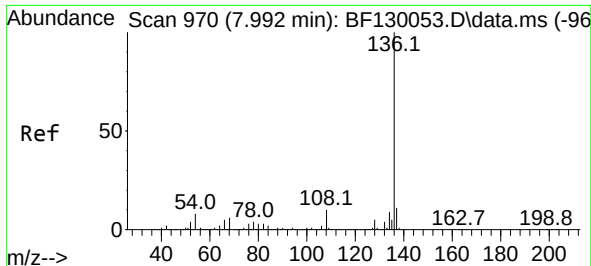
Tgt Ion: 99 Resp: 679932
Ion Ratio Lower Upper
99 100
42 16.3 15.0 22.4
71 32.3 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.199 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.135 min
Lab File: BF130159.D
Acq: 07 Sep 2022 13:28

Tgt Ion: 70 Resp: 182506
Ion Ratio Lower Upper
70 100
42 41.6 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#

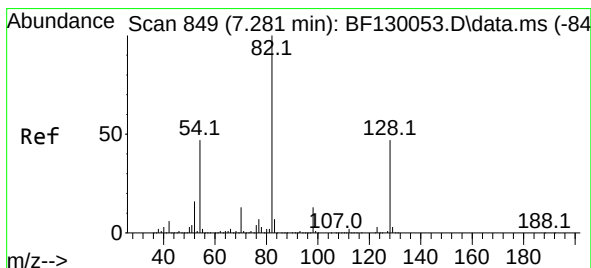
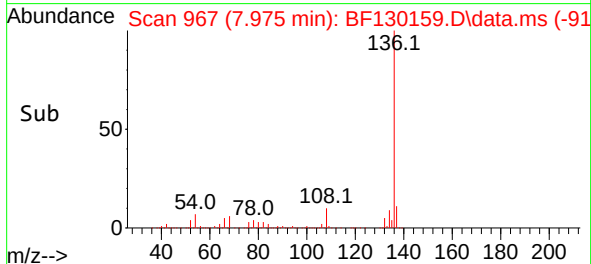
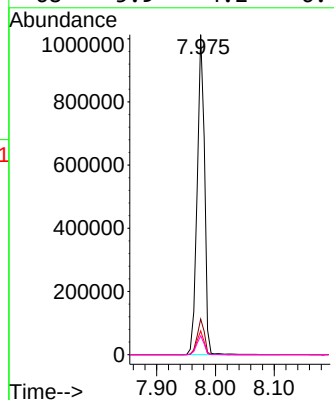
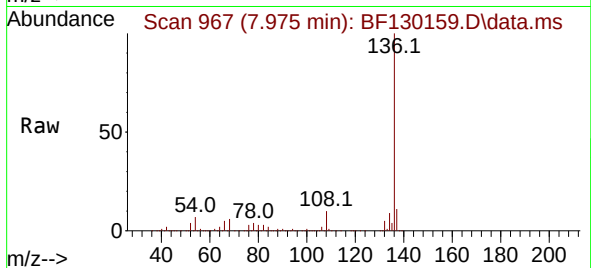




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF130159.D
Acq: 07 Sep 2022 13:28

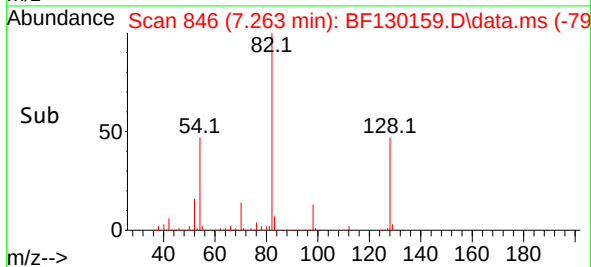
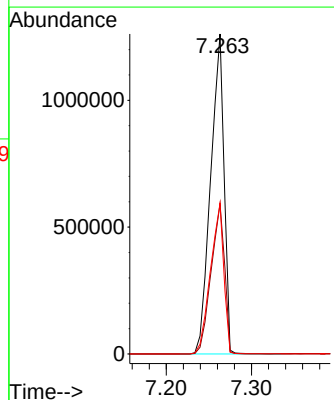
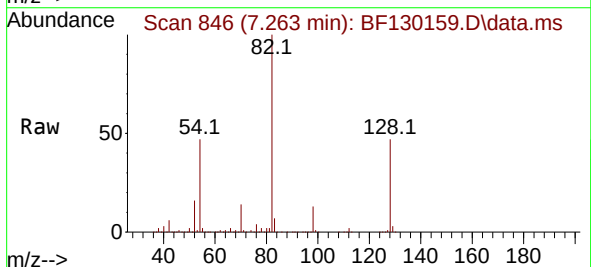
Instrument :
BNA_F
ClientSampleId :
MW-06

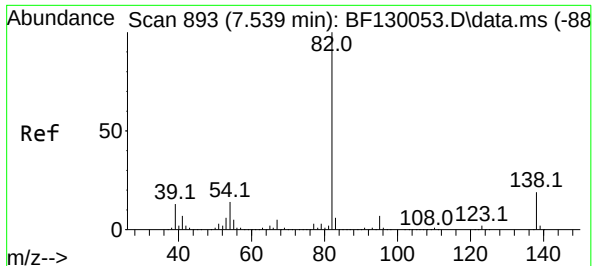
Tgt Ion:136 Resp: 876302
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.5 6.2 9.2
68 5.9 4.2 6.4



#23
Nitrobenzene-d5
Concen: 101.291 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130159.D
Acq: 07 Sep 2022 13:28

Tgt Ion: 82 Resp: 1381161
Ion Ratio Lower Upper
82 100
128 46.9 36.1 54.1
54 47.1 40.0 60.0

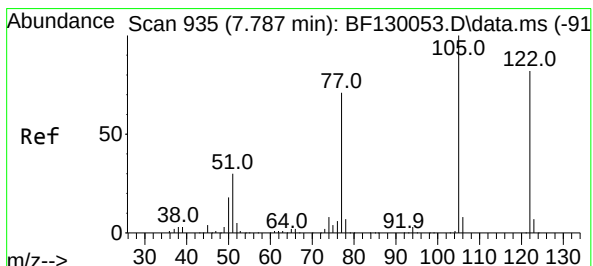
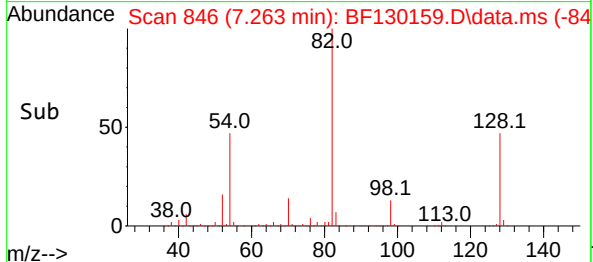
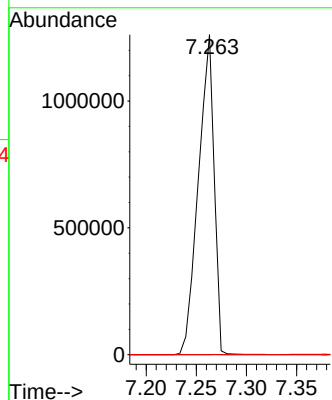
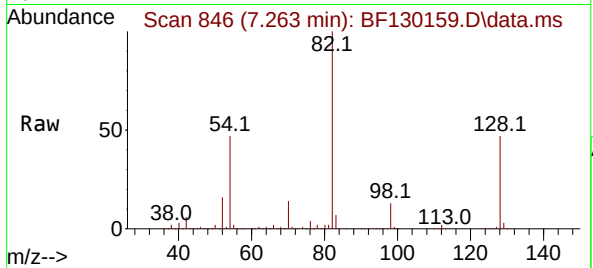




#25
Isophorone
Concen: 49.830 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF130159.D
Acq: 07 Sep 2022 13:28

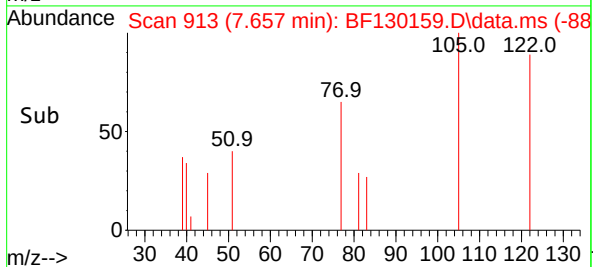
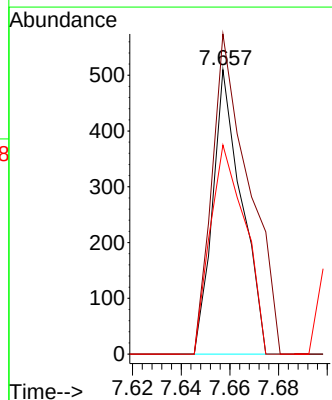
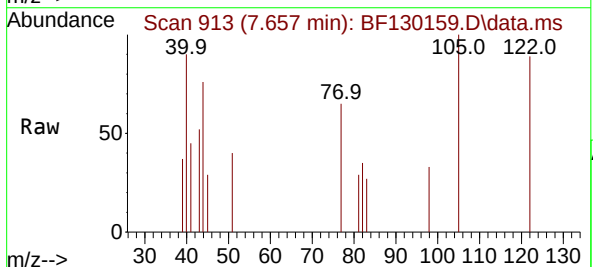
Instrument :
BNA_F
ClientSampleId :
MW-06

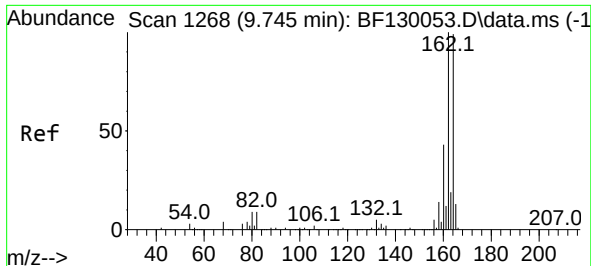
Tgt Ion: 82 Resp: 1375211
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.611 ng
RT: 7.657 min Scan# 913
Delta R.T. -0.112 min
Lab File: BF130159.D
Acq: 07 Sep 2022 13:28

Tgt Ion: 122 Resp: 421
Ion Ratio Lower Upper
122 100
105 112.5 99.9 139.9
77 73.5 65.9 105.9

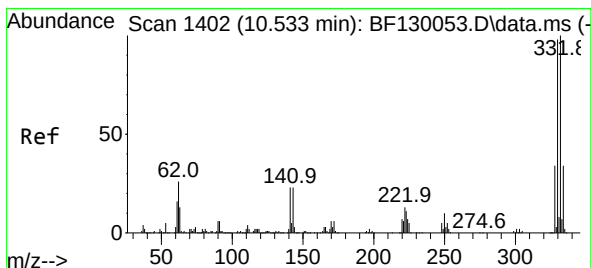
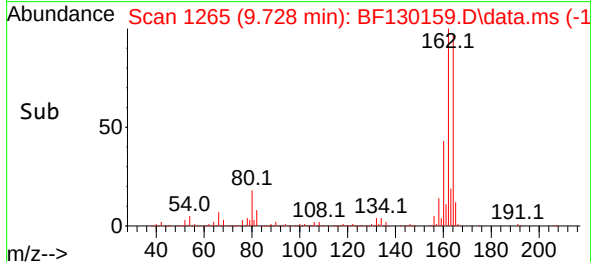
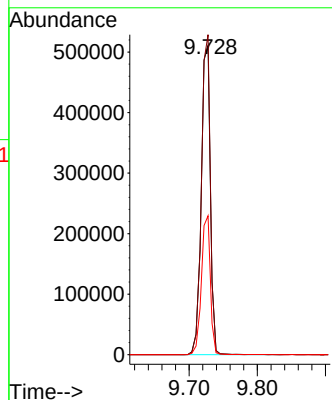
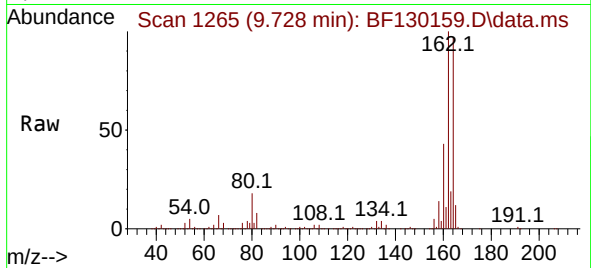




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130159.D
Acq: 07 Sep 2022 13:28

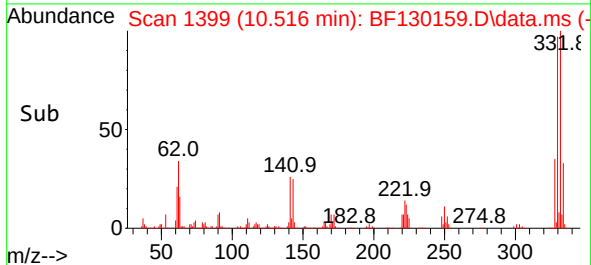
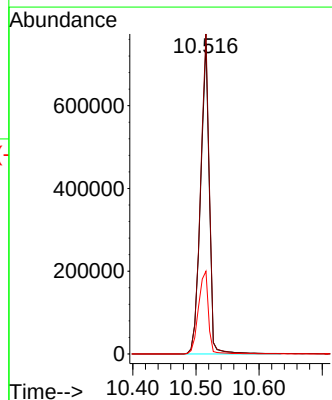
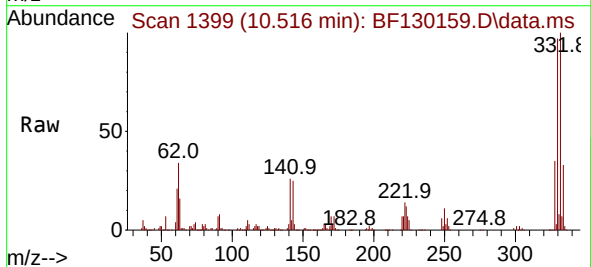
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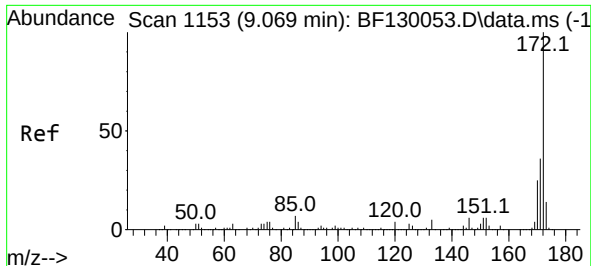
Tgt Ion:164 Resp: 473530
Ion Ratio Lower Upper
164 100
162 103.6 82.0 123.0
160 45.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 168.170 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF130159.D
Acq: 07 Sep 2022 13:28

Tgt Ion:330 Resp: 724887
Ion Ratio Lower Upper
330 100
332 103.1 82.6 124.0
141 30.3 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 85.601 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF130159.D

Acq: 07 Sep 2022 13:28

Instrument :

BNA_F

ClientSampleId :

MW-06

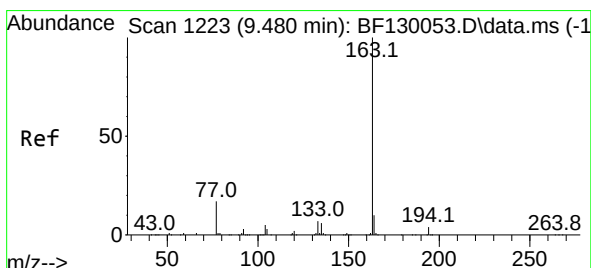
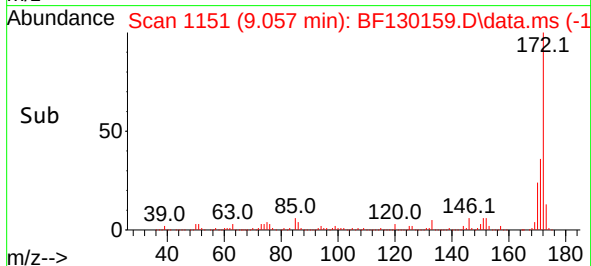
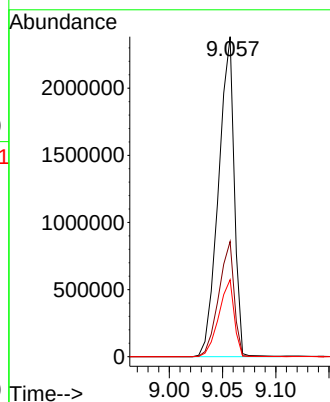
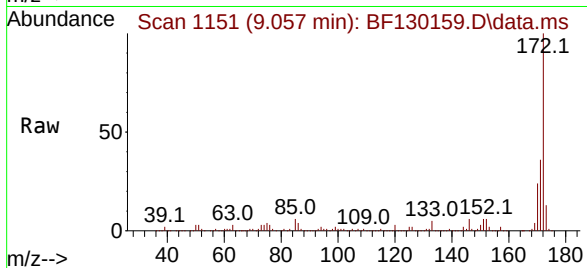
Tgt Ion:172 Resp: 2444864

Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 24.1 19.1 28.7



#50

Dimethylphthalate

Concen: 2.841 ng

RT: 9.728 min Scan# 1265

Delta R.T. 0.259 min

Lab File: BF130159.D

Acq: 07 Sep 2022 13:28

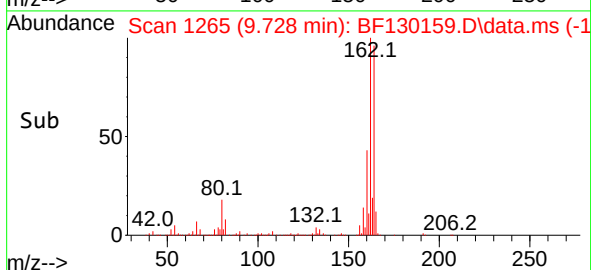
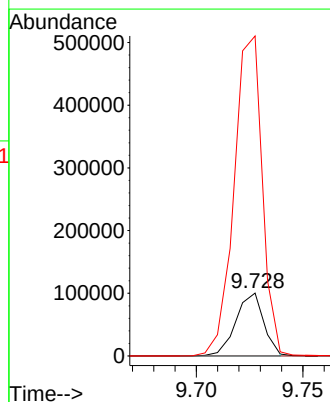
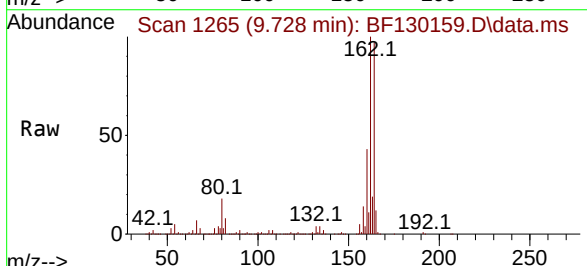
Tgt Ion:163 Resp: 91622

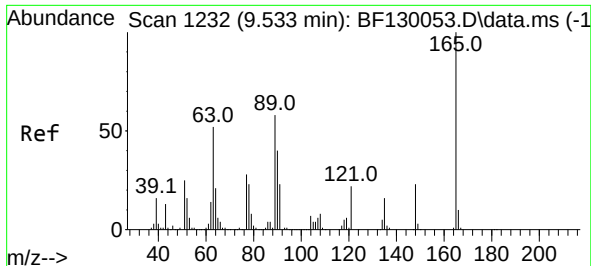
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 508.4 8.2 12.2#

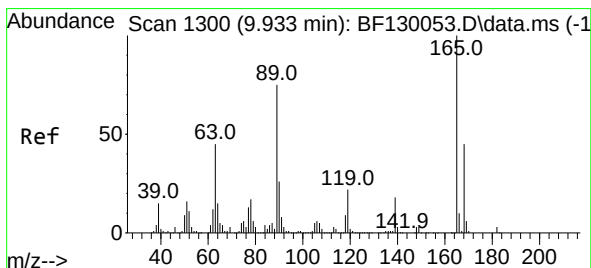
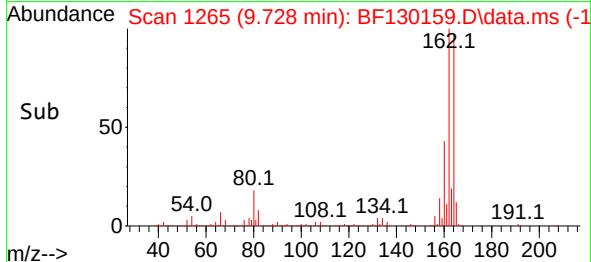
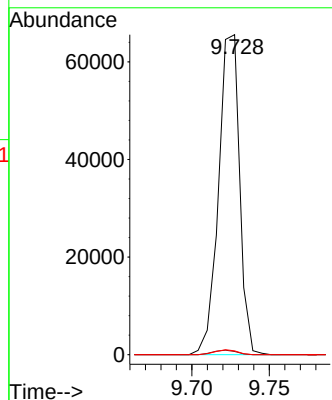
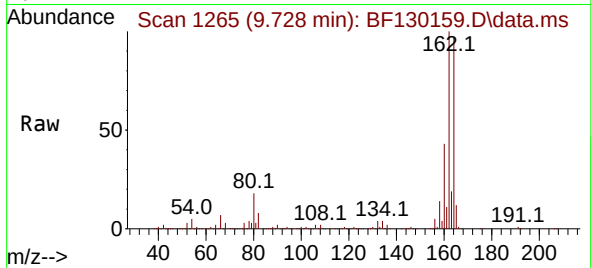




#51
2,6-Dinitrotoluene
Concen: 9.847 ng
RT: 9.728 min Scan# 1265
Delta R.T. 0.200 min
Lab File: BF130159.D
Acq: 07 Sep 2022 13:28

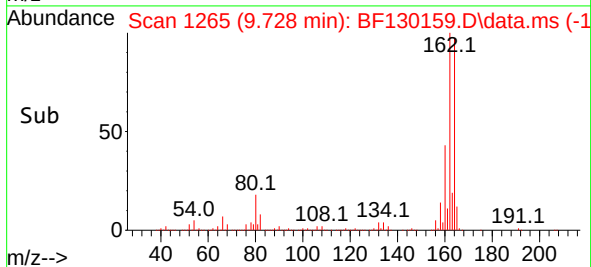
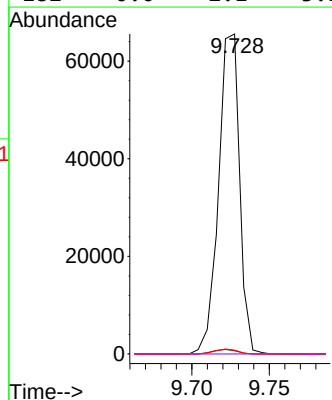
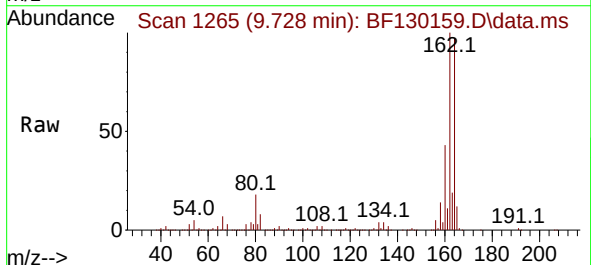
Instrument :
BNA_F
ClientSampleId :
MW-06

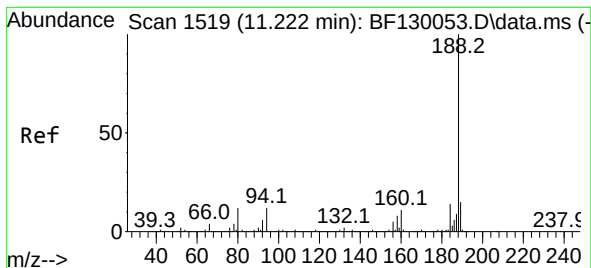
Tgt Ion:165 Resp: 61924
Ion Ratio Lower Upper
165 100
63 1.0 47.8 71.8#
89 1.2 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 8.553 ng
RT: 9.728 min Scan# 1265
Delta R.T. -0.194 min
Lab File: BF130159.D
Acq: 07 Sep 2022 13:28

Tgt Ion:165 Resp: 61924
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.2 62.3 93.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.204 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130159.D

Acq: 07 Sep 2022 13:28

Instrument :

BNA_F

ClientSampleId :

MW-06

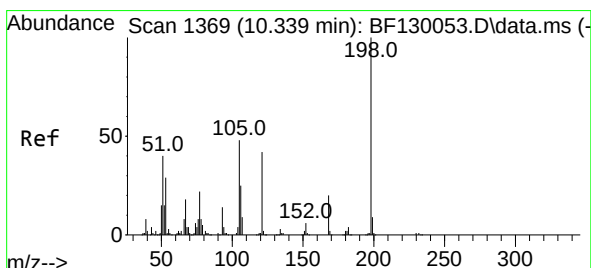
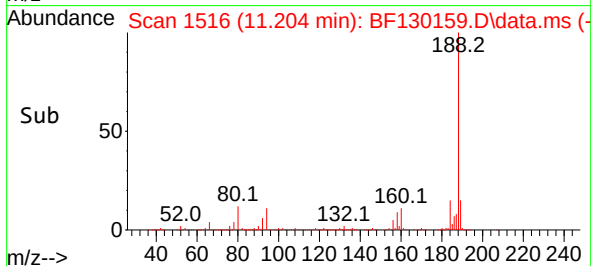
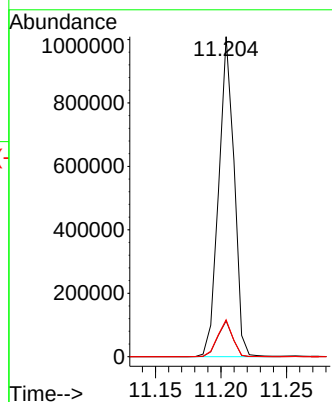
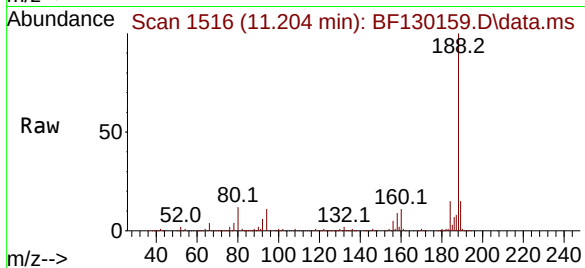
Tgt Ion:188 Resp: 824518

Ion Ratio Lower Upper

188 100

94 11.1 7.4 11.2

80 11.6 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.419 ng

RT: 10.516 min Scan# 1399

Delta R.T. 0.188 min

Lab File: BF130159.D

Acq: 07 Sep 2022 13:28

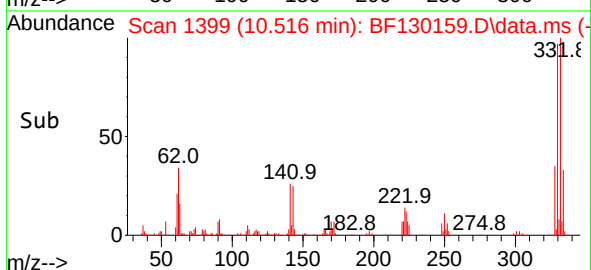
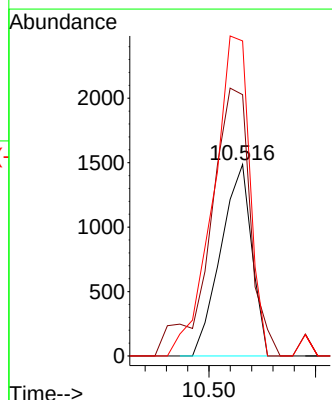
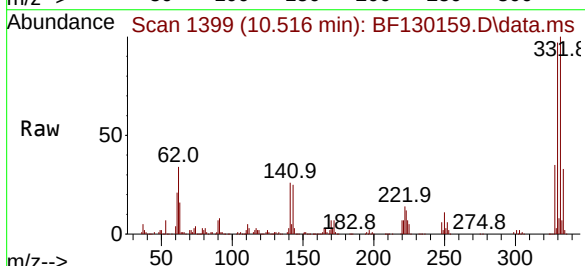
Tgt Ion:198 Resp: 1504

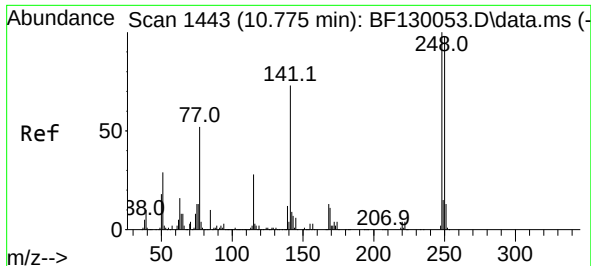
Ion Ratio Lower Upper

198 100

51 136.5 29.4 69.4#

105 164.5 29.2 69.2#

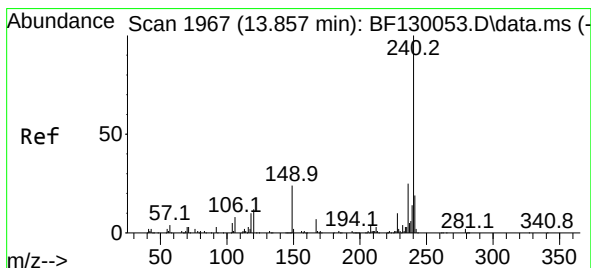
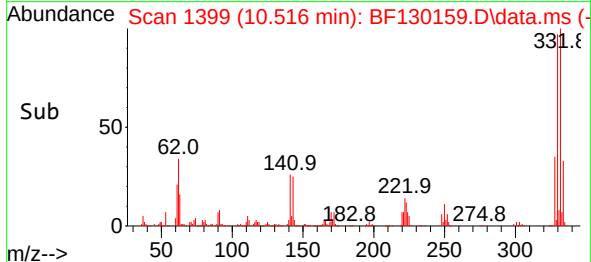
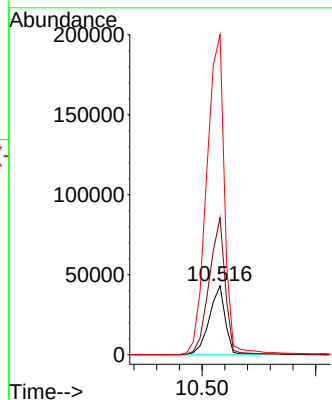
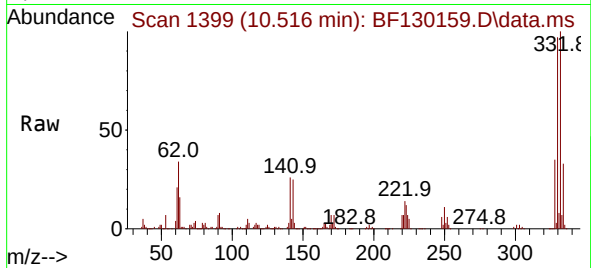




#67
4-Bromophenyl-phenylether
Concen: 4.603 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF130159.D
Acq: 07 Sep 2022 13:28

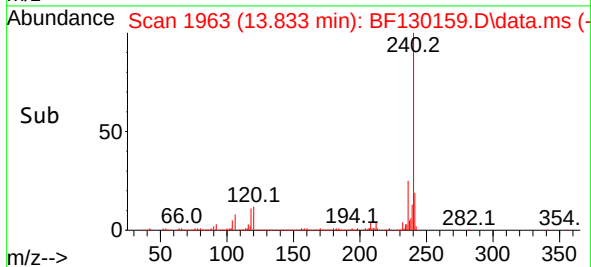
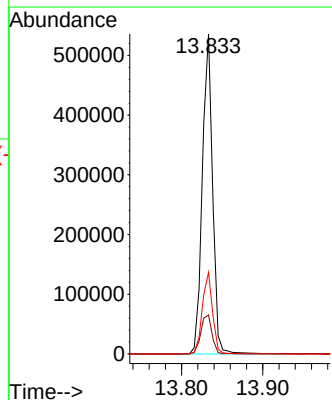
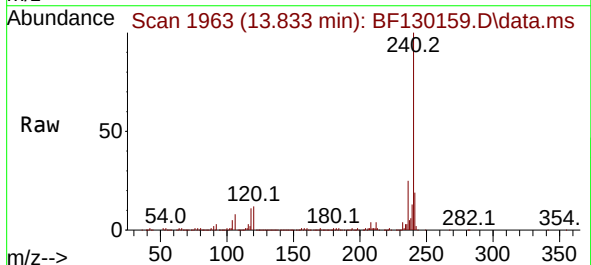
Instrument :
BNA_F
ClientSampleId :
MW-06

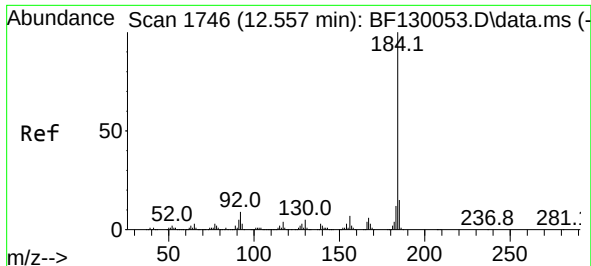
Tgt Ion:248 Resp: 42215
Ion Ratio Lower Upper
248 100
250 199.1 77.8 116.6#
141 465.1 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130159.D
Acq: 07 Sep 2022 13:28

Tgt Ion:240 Resp: 471322
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 25.5 20.7 31.1

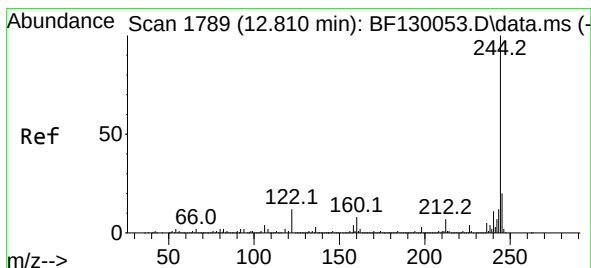
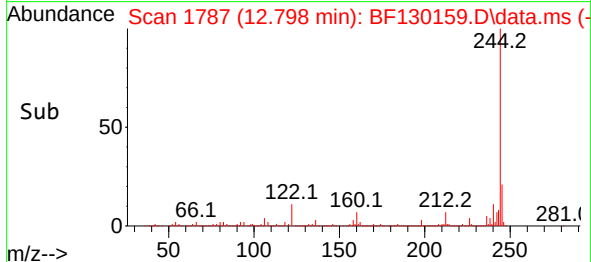
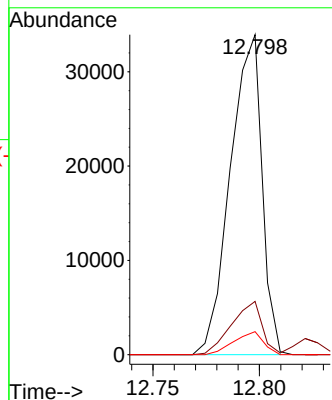
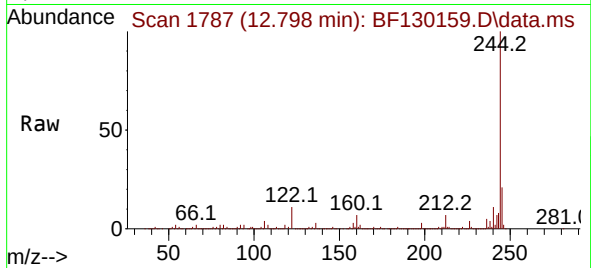




#77
Benzidine
Concen: 2.761 ng
RT: 12.798 min Scan# 1787
Delta R.T. 0.253 min
Lab File: BF130159.D
Acq: 07 Sep 2022 13:28

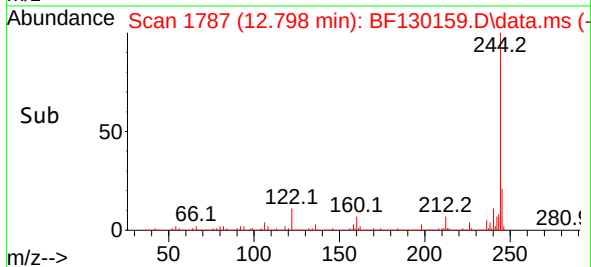
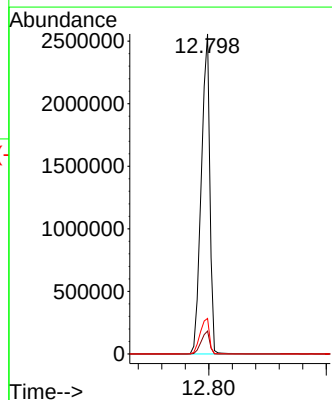
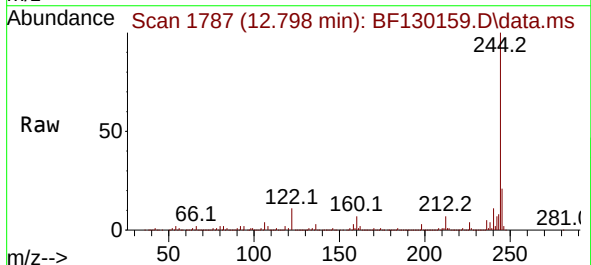
Instrument :
BNA_F
ClientSampleId :
MW-06

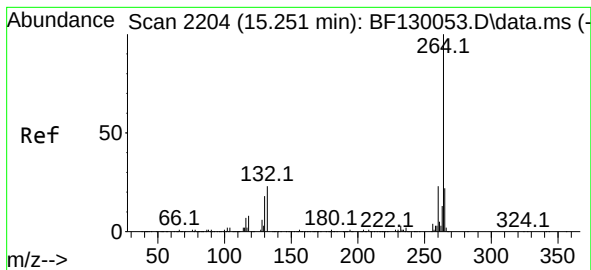
Tgt Ion:184 Resp: 35134
Ion Ratio Lower Upper
184 100
185 16.7 11.4 17.2
183 7.2 9.4 14.2#



#79
Terphenyl-d14
Concen: 94.752 ng
RT: 12.798 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BF130159.D
Acq: 07 Sep 2022 13:28

Tgt Ion:244 Resp: 2575279
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.1 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130159.D
Acq: 07 Sep 2022 13:28

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion:264 Resp: 370007
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 21.2 16.7 25.1

