

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090922\
 Data File : BF130201.D
 Acq On : 09 Sep 2022 18:36
 Operator : CG\JU
 Sample : N4549-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-49

Quant Time: Sep 09 23:49:28 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)

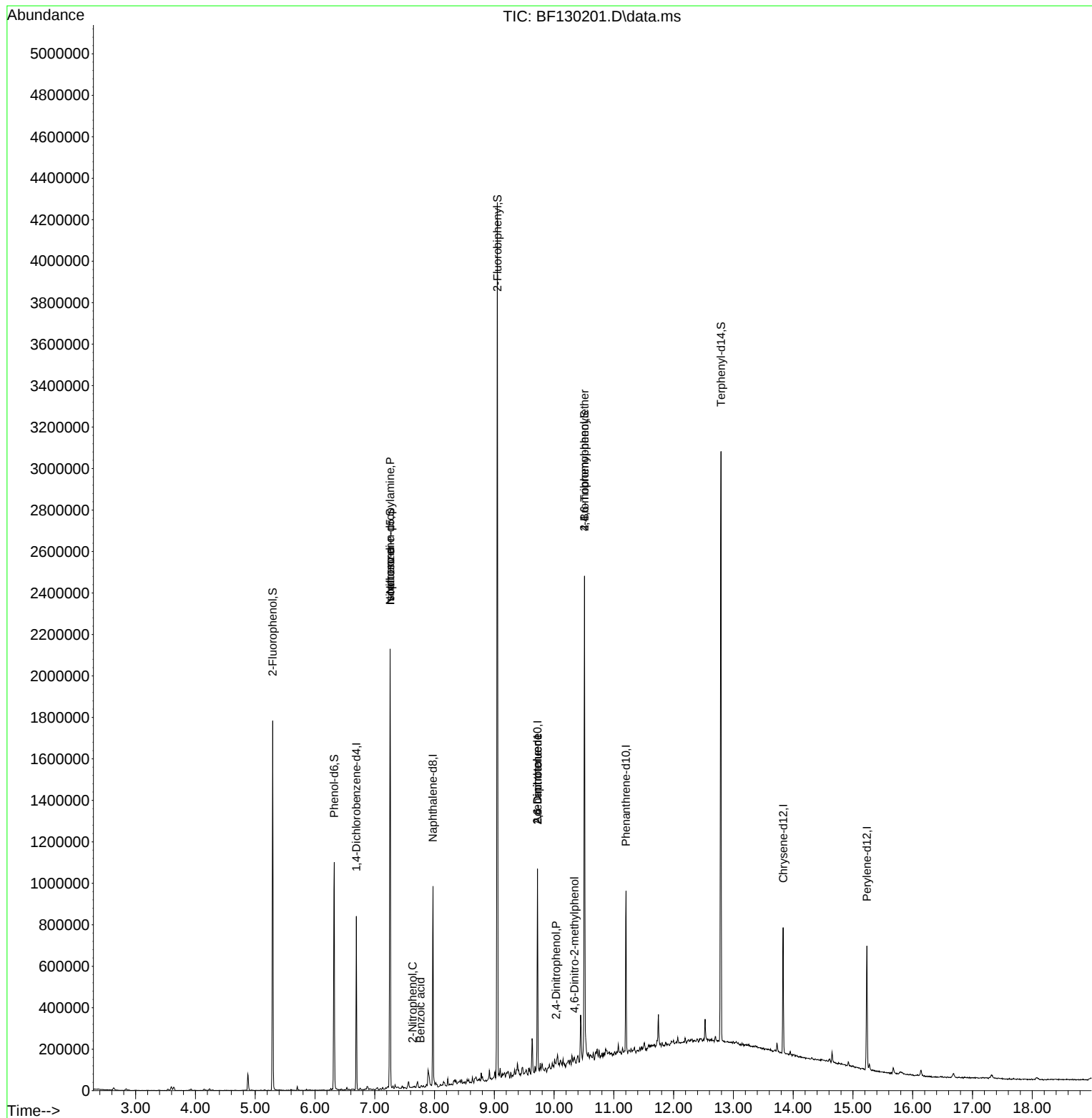
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	104155	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	384632	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	182016	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	266930	20.000	ng	0.00
76) Chrysene-d12	13.833	240	193571	20.000	ng	-0.01
86) Perylene-d12	15.233	264	241772	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	470319	76.659	ng	0.00
7) Phenol-d6	6.322	99	361777	47.298	ng	-0.01
23) Nitrobenzene-d5	7.257	82	688191	114.986	ng	-0.01
42) 2,4,6-Tribromophenol	10.510	330	266491	160.842	ng	-0.01
45) 2-Fluorobiphenyl	9.051	172	1204076	109.678	ng	0.00
79) Terphenyl-d14	12.792	244	938079	84.039	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	91172	19.786	ng	# 75
25) Isophorone	7.257	82	684226	56.484	ng	# 65
26) 2-Nitrophenol	7.634	139	82	3.526	ng	# 2
32) Benzoic acid	7.763	122	69	6.587	ng	# 45
51) 2,6-Dinitrotoluene	9.722	165	23790	9.842	ng	# 24
54) 2,4-Dinitrophenol	10.033	184	156	8.220	ng	# 1
57) 2,4-Dinitrotoluene	9.722	165	23668	8.505	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.339	198	55	6.118	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	16409	5.527	ng	# 1

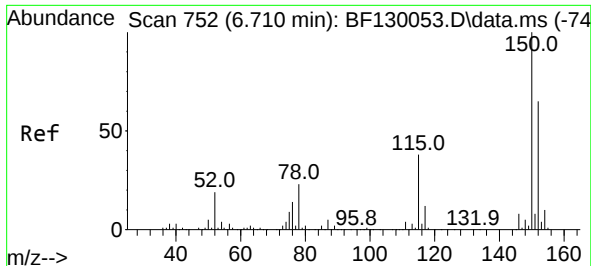
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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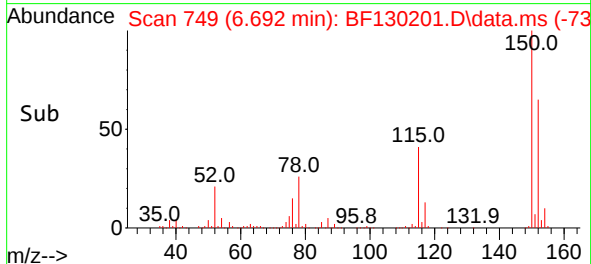
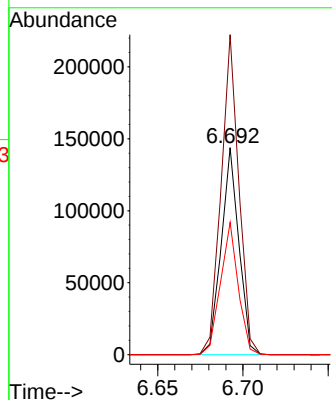
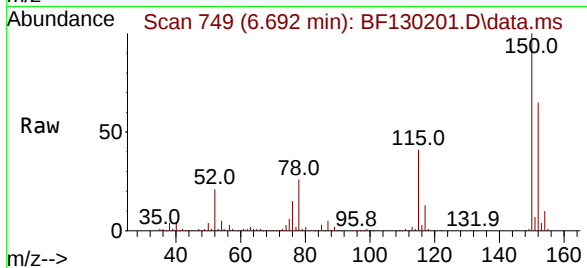




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130201.D
 Acq: 09 Sep 2022 18:36

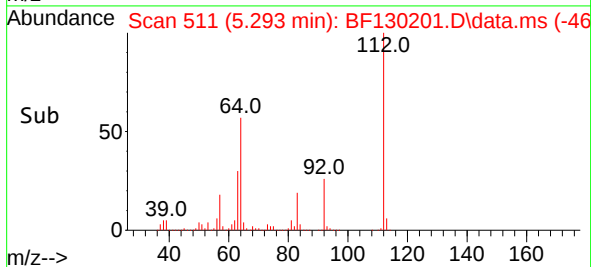
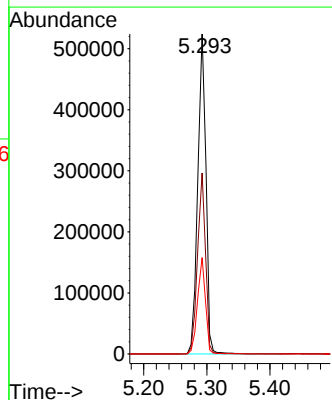
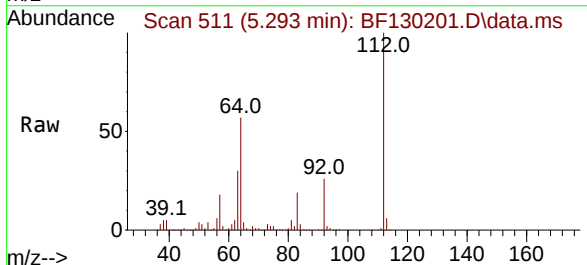
Instrument :
 BNA_F
 ClientSampleId :
 MW-49

Tgt Ion:152 Resp: 104155
 Ion Ratio Lower Upper
 152 100
 150 154.5 126.9 190.3
 115 63.9 53.4 80.0



#5
 2-Fluorophenol
 Concen: 76.659 ng
 RT: 5.293 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: BF130201.D
 Acq: 09 Sep 2022 18:36

Tgt Ion:112 Resp: 470319
 Ion Ratio Lower Upper
 112 100
 64 56.6 47.6 71.4
 63 30.1 24.6 37.0

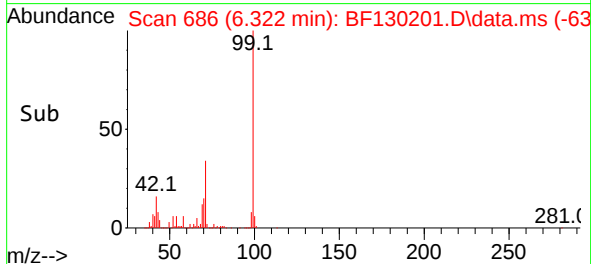
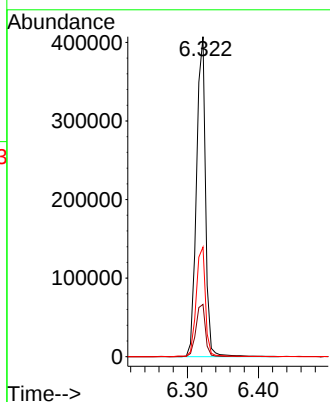
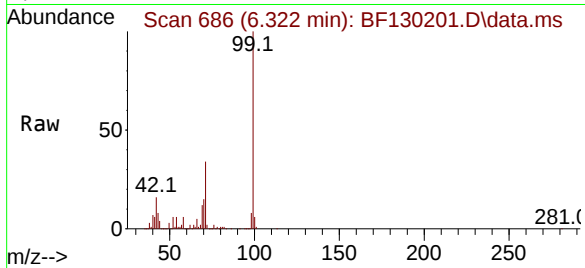




#7
Phenol-d6
Concen: 47.298 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130201.D
Acq: 09 Sep 2022 18:36

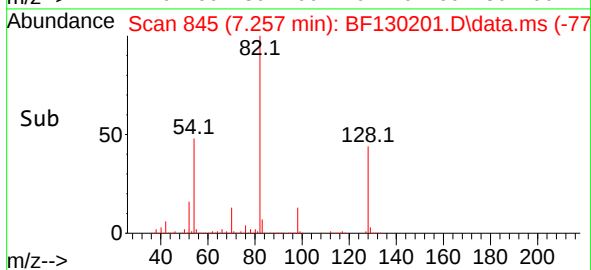
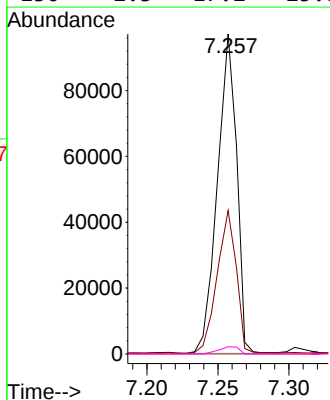
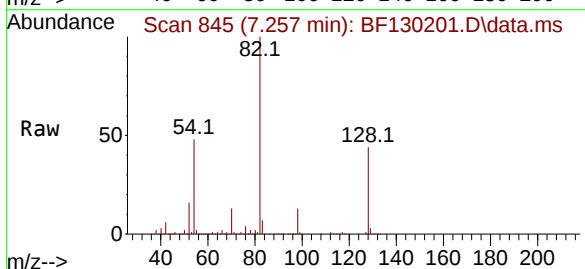
Instrument :
BNA_F
ClientSampleId :
MW-49

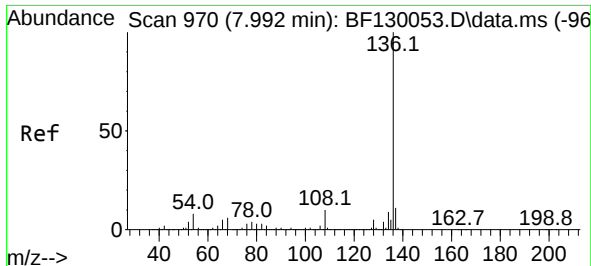
Tgt Ion: 99 Resp: 361777
Ion Ratio Lower Upper
99 100
42 16.4 15.0 22.4
71 34.2 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.786 ng
RT: 7.257 min Scan# 845
Delta R.T. 0.129 min
Lab File: BF130201.D
Acq: 09 Sep 2022 18:36

Tgt Ion: 70 Resp: 91172
Ion Ratio Lower Upper
70 100
42 44.8 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#



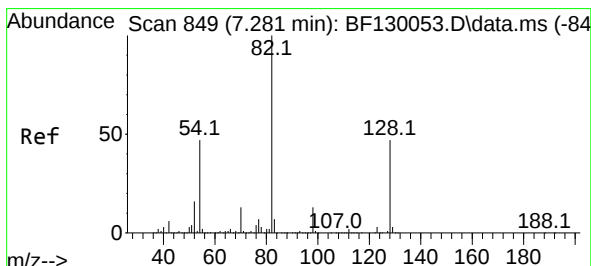
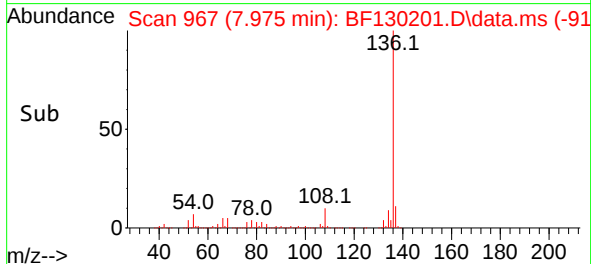
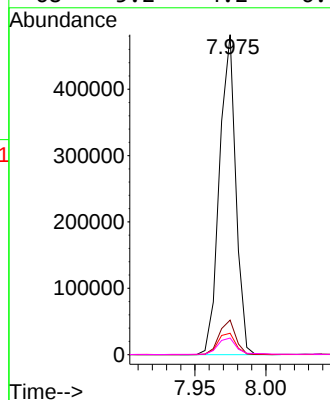
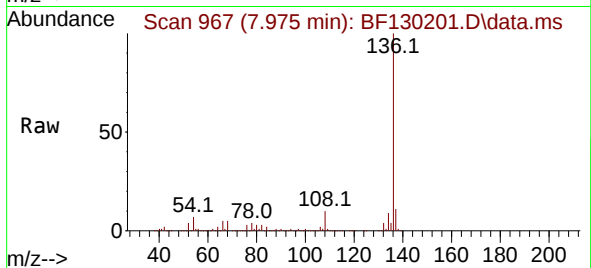


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF130201.D
Acq: 09 Sep 2022 18:36

Instrument :
BNA_F
ClientSampleId :
MW-49

Tgt Ion:136 Resp: 384632

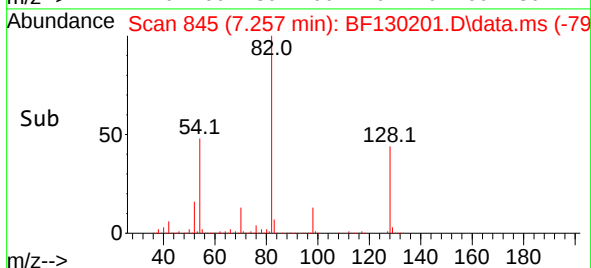
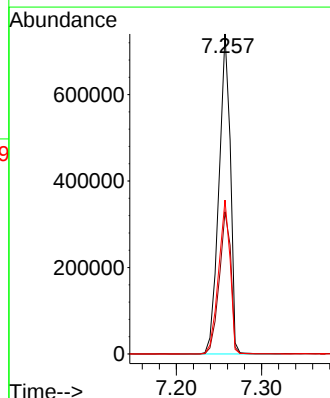
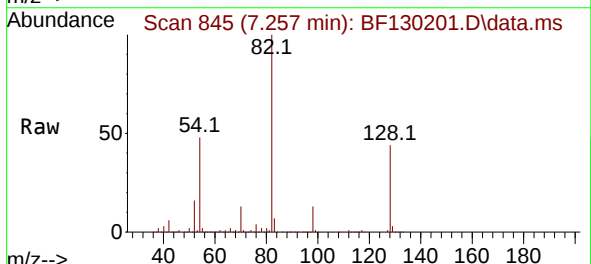
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.7	6.2	9.2
68	5.2	4.2	6.4

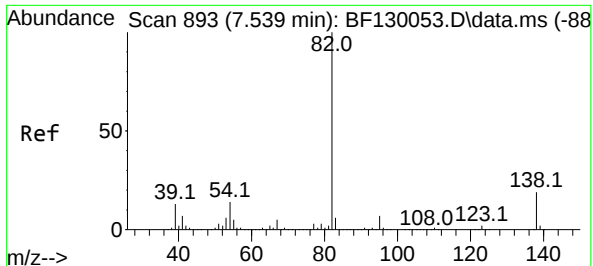


#23
Nitrobenzene-d5
Concen: 114.986 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF130201.D
Acq: 09 Sep 2022 18:36

Tgt Ion: 82 Resp: 688191

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	48.1	40.0	60.0

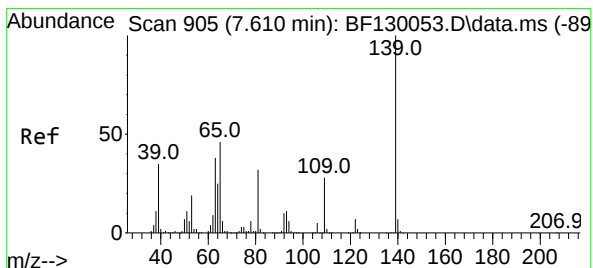
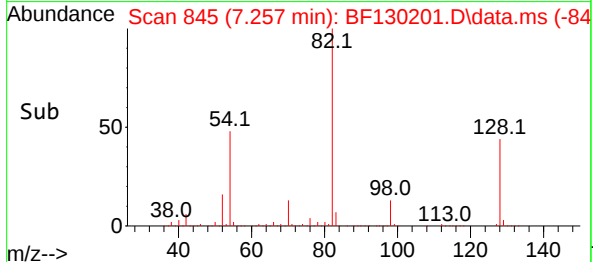
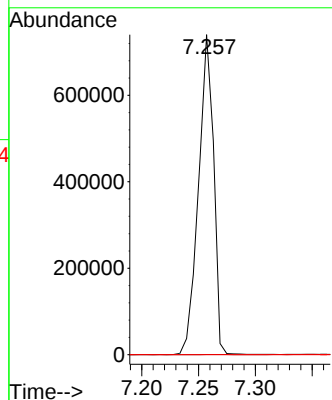
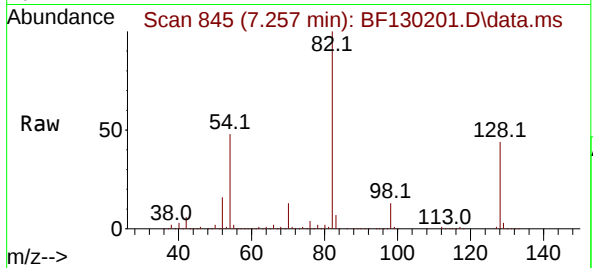




#25
Isophorone
Concen: 56.484 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130201.D
Acq: 09 Sep 2022 18:36

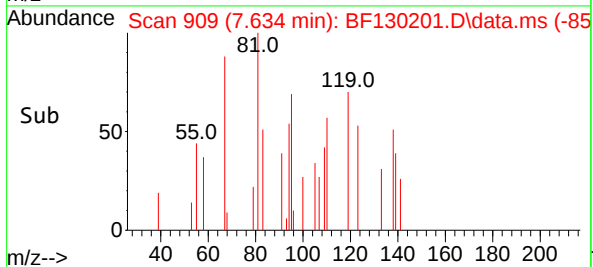
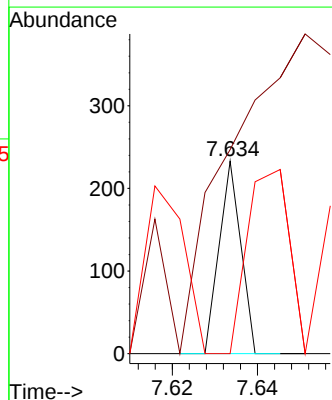
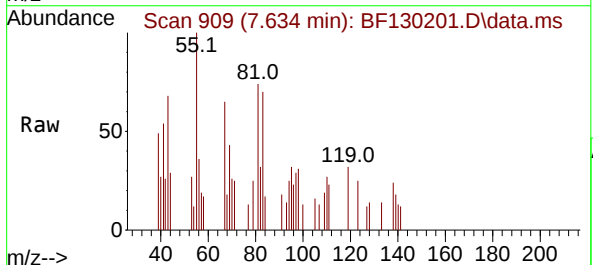
Instrument :
BNA_F
ClientSampleId :
MW-49

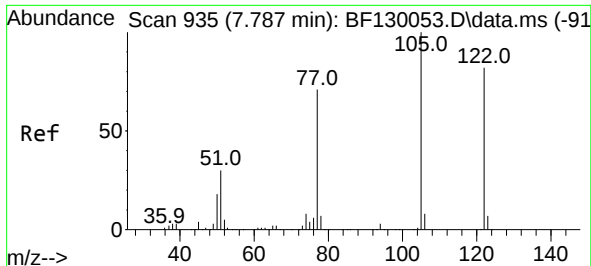
Tgt Ion: 82 Resp: 684226
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#26
2-Nitrophenol
Concen: 3.526 ng
RT: 7.634 min Scan# 909
Delta R.T. 0.035 min
Lab File: BF130201.D
Acq: 09 Sep 2022 18:36

Tgt Ion: 139 Resp: 82
Ion Ratio Lower Upper
139 100
109 106.0 24.4 36.6#
65 0.0 40.9 61.3#

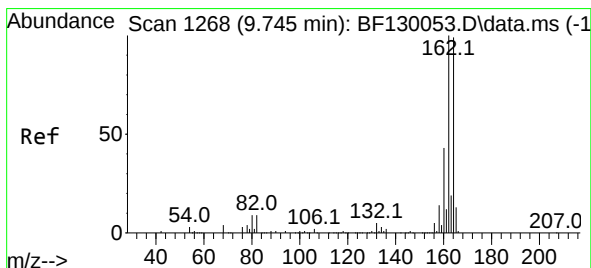
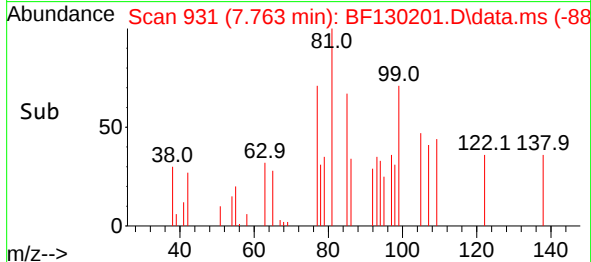
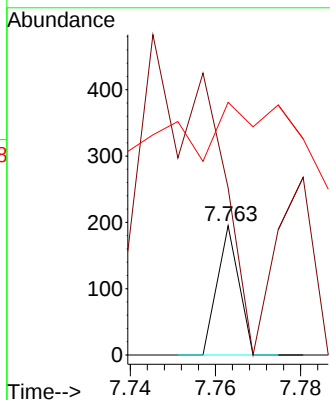
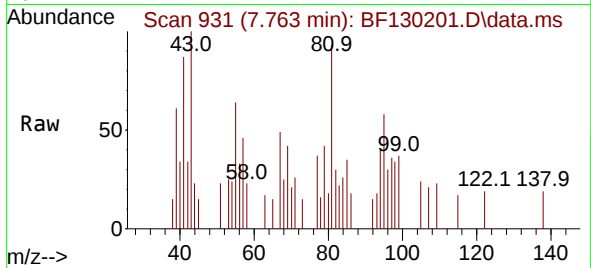




#32
Benzoic acid
Concen: 6.587 ng
RT: 7.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130201.D
Acq: 09 Sep 2022 18:36

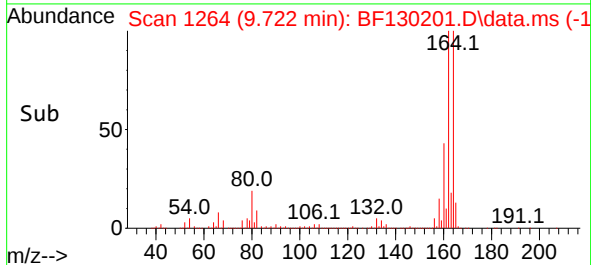
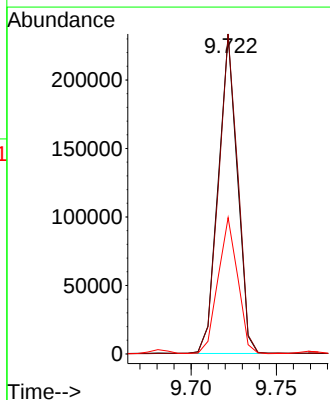
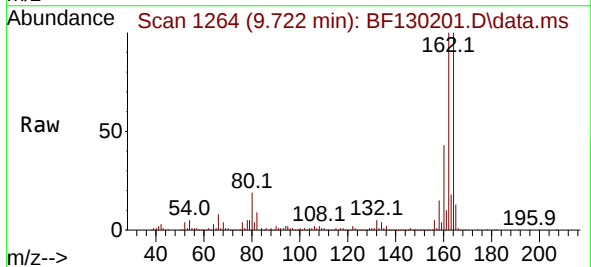
Instrument :
BNA_F
ClientSampleId :
MW-49

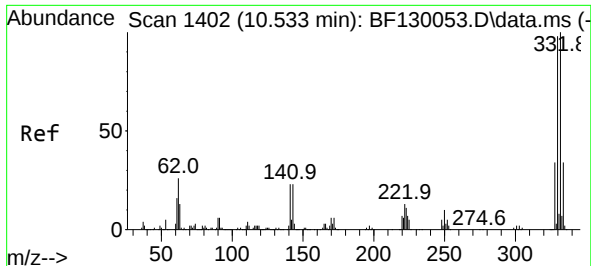
Tgt Ion:122 Resp: 69
Ion Ratio Lower Upper
122 100
105 129.2 99.9 139.9
77 195.4 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 1264
Delta R.T. -0.012 min
Lab File: BF130201.D
Acq: 09 Sep 2022 18:36

Tgt Ion:164 Resp: 182016
Ion Ratio Lower Upper
164 100
162 100.0 82.0 123.0
160 42.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 160.842 ng

RT: 10.510 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF130201.D

Acq: 09 Sep 2022 18:36

Instrument :

BNA_F

ClientSampleId :

MW-49

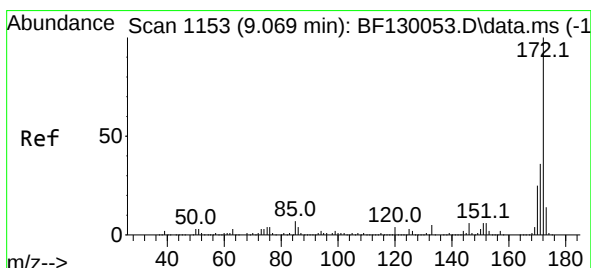
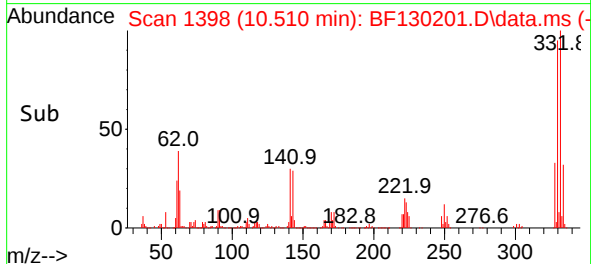
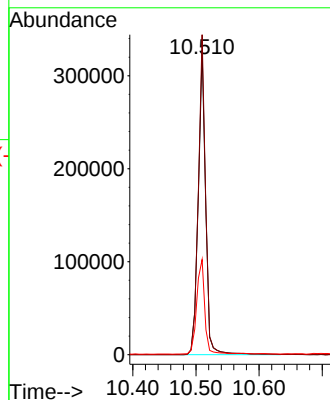
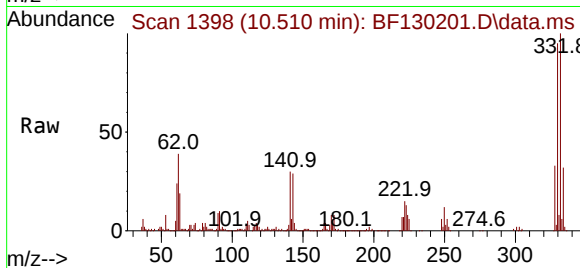
Tgt Ion:330 Resp: 266491

Ion Ratio Lower Upper

330 100

332 103.4 82.6 124.0

141 33.6 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 109.678 ng

RT: 9.051 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF130201.D

Acq: 09 Sep 2022 18:36

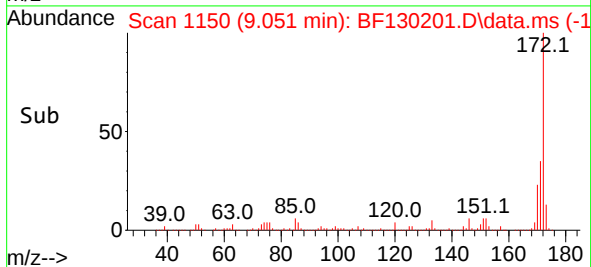
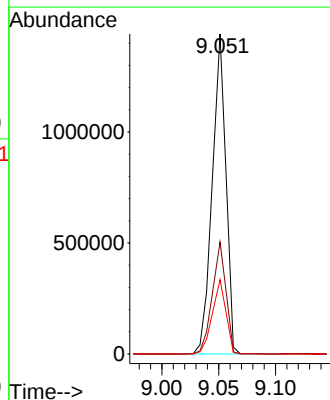
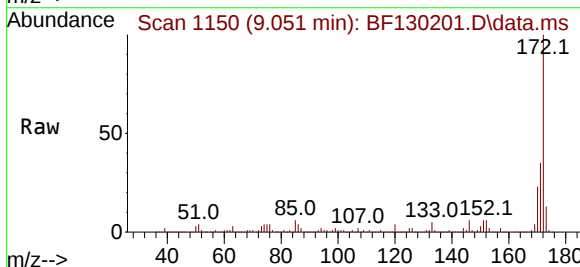
Tgt Ion:172 Resp: 1204076

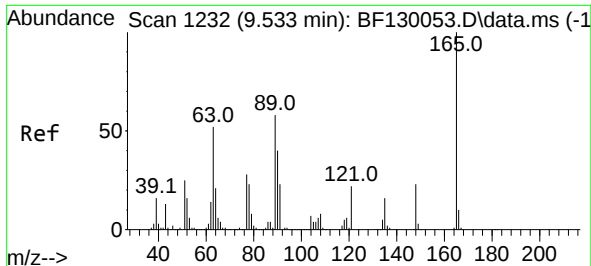
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.2 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.842 ng

RT: 9.722 min Scan# 1317

Delta R.T. 0.194 min

Lab File: BF130201.D

Acq: 09 Sep 2022 18:36

Instrument :

BNA_F

ClientSampleId :

MW-49

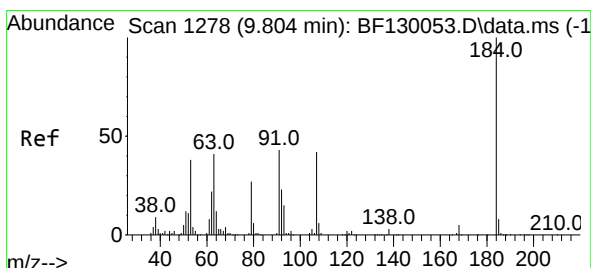
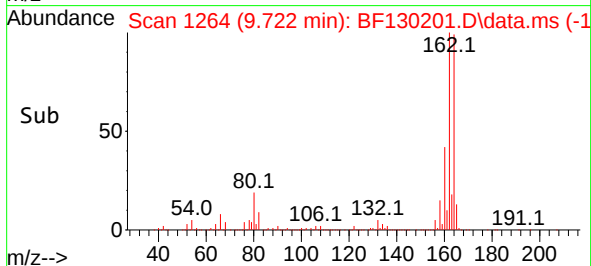
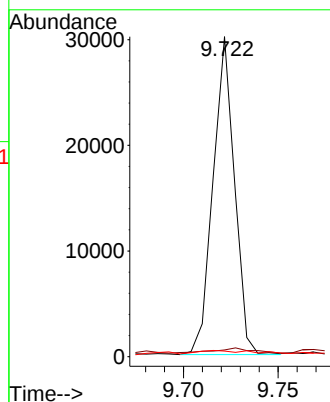
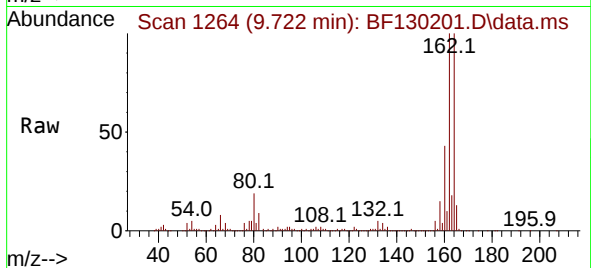
Tgt Ion:165 Resp: 23790

Ion Ratio Lower Upper

165 100

63 2.1 47.8 71.8#

89 1.8 47.2 70.8#



#54

2,4-Dinitrophenol

Concen: 8.220 ng

RT: 10.033 min Scan# 1317

Delta R.T. 0.241 min

Lab File: BF130201.D

Acq: 09 Sep 2022 18:36

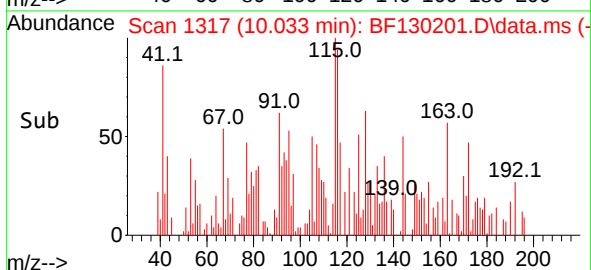
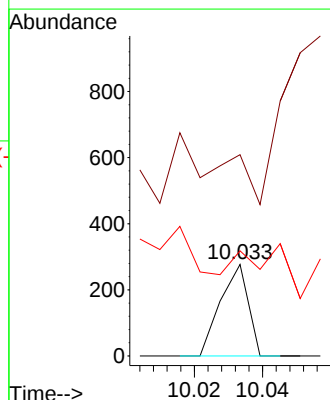
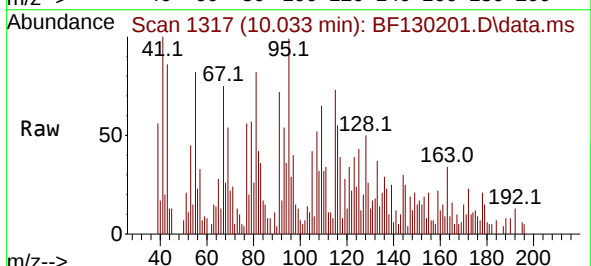
Tgt Ion:184 Resp: 156

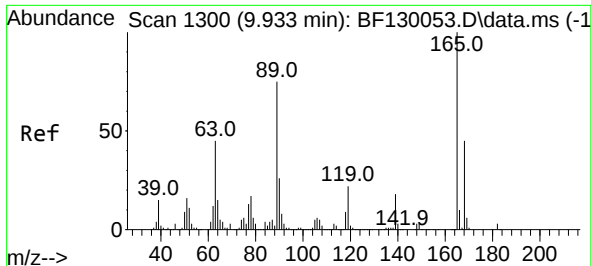
Ion Ratio Lower Upper

184 100

63 219.9 59.6 89.4#

154 114.8 55.3 82.9#

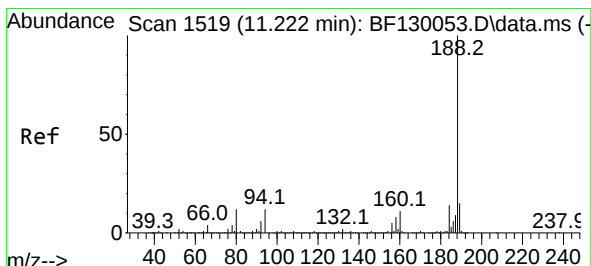
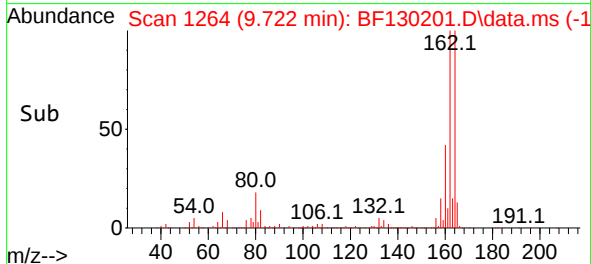
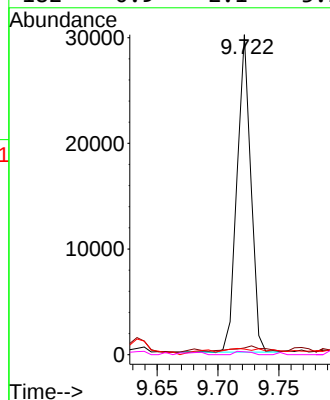
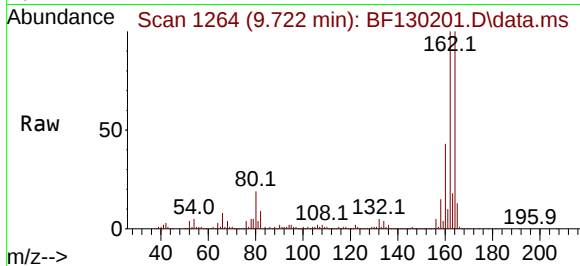




#57
2,4-Dinitrotoluene
Concen: 8.505 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130201.D
Acq: 09 Sep 2022 18:36

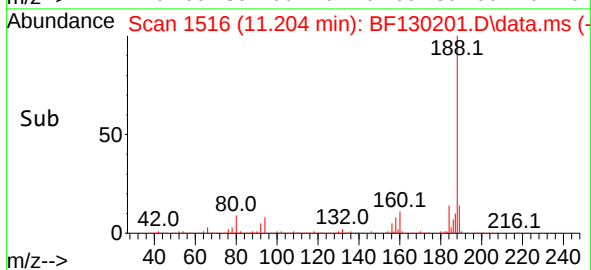
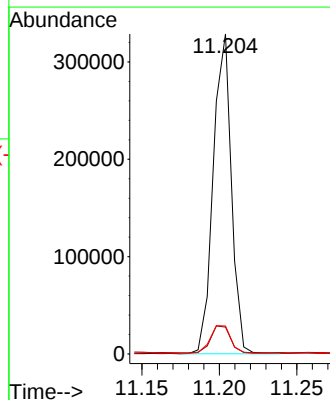
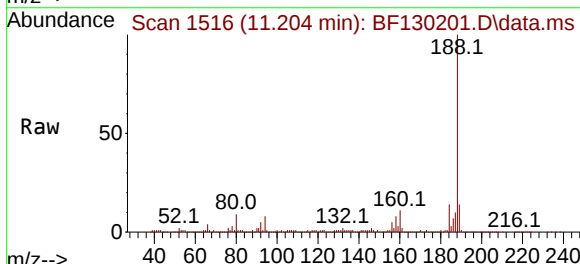
Instrument :
BNA_F
ClientSampleId :
MW-49

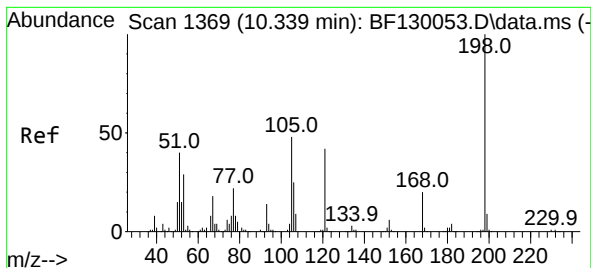
Tgt Ion:165	Resp:	23668	
Ion	Ratio	Lower	Upper
165	100		
63	2.1	48.4	72.6#
89	1.8	62.3	93.5#
182	0.9	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF130201.D
Acq: 09 Sep 2022 18:36

Tgt Ion:188	Resp:	266930	
Ion Ratio	Lower	Upper	
188 100			
94 8.4	7.4	11.2	
80 8.8	7.9	11.9	

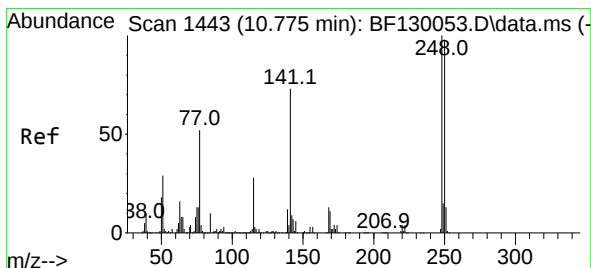
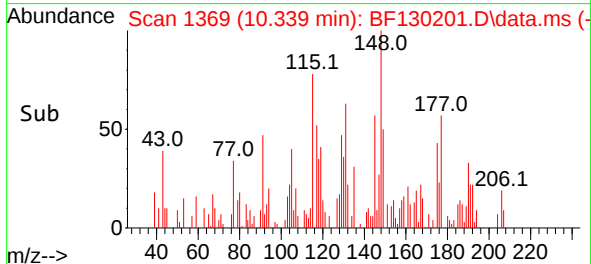
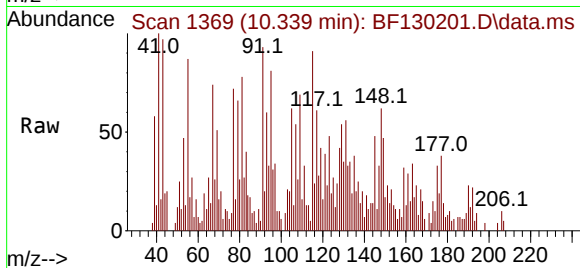




#65
4,6-Dinitro-2-methylphenol
Concen: 6.118 ng
RT: 10.339 min Scan# 1369
Delta R.T. 0.012 min
Lab File: BF130201.D
Acq: 09 Sep 2022 18:36

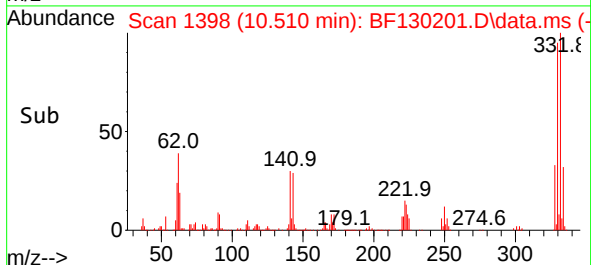
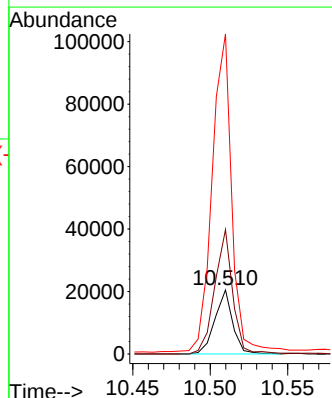
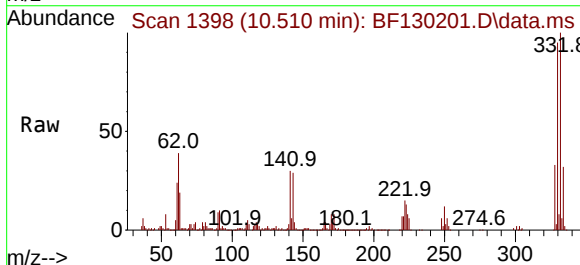
Instrument :
BNA_F
ClientSampleId :
MW-49

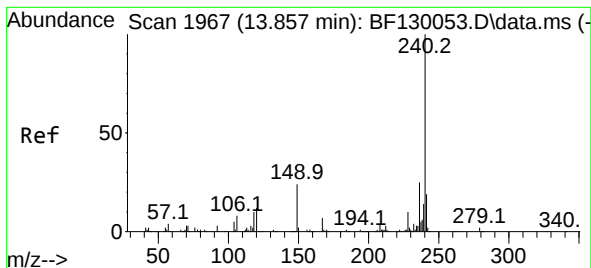
Tgt Ion:198 Resp: 55
Ion Ratio Lower Upper
198 100
51 680.8 29.4 69.4#
105 1682.1 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 5.527 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.253 min
Lab File: BF130201.D
Acq: 09 Sep 2022 18:36

Tgt Ion:248 Resp: 16409
Ion Ratio Lower Upper
248 100
250 194.0 77.8 116.6#
141 499.4 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: BF130201.D

Acq: 09 Sep 2022 18:36

Instrument :

BNA_F

ClientSampleId :

MW-49

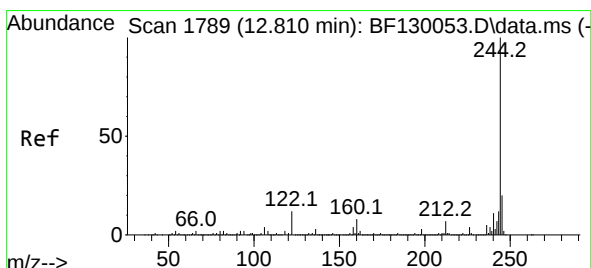
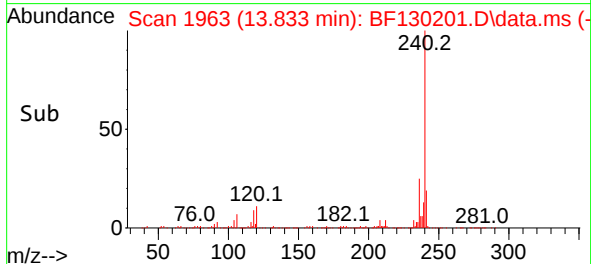
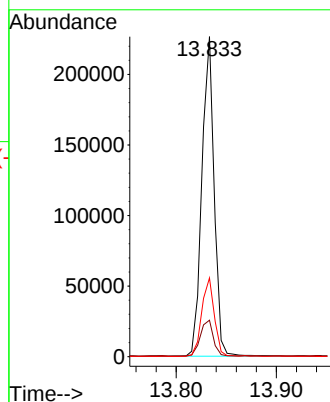
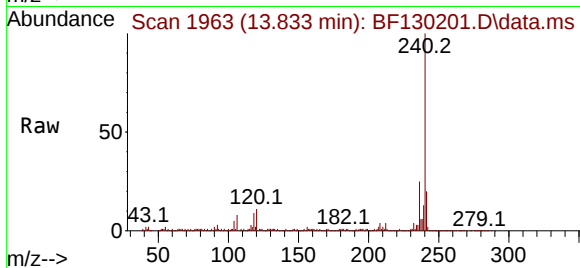
Tgt Ion:240 Resp: 193571

Ion Ratio Lower Upper

240 100

120 11.4 9.2 13.8

236 24.6 20.7 31.1



#79

Terphenyl-d14

Concen: 84.039 ng

RT: 12.792 min Scan# 1786

Delta R.T. -0.006 min

Lab File: BF130201.D

Acq: 09 Sep 2022 18:36

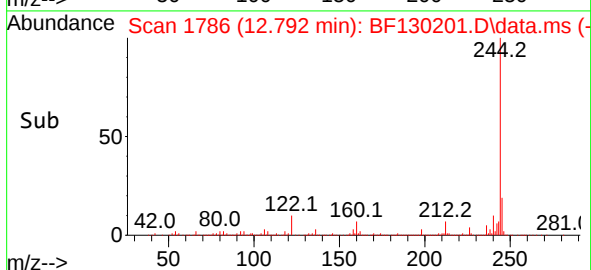
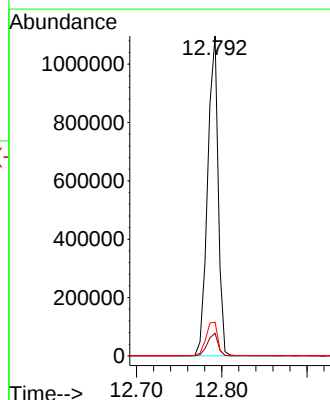
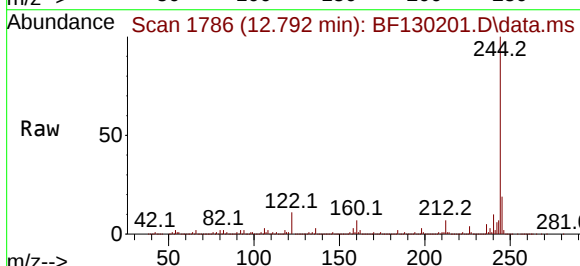
Tgt Ion:244 Resp: 938079

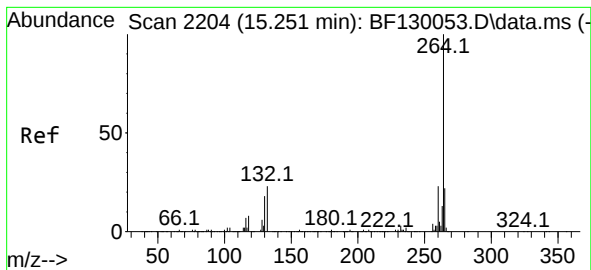
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.5 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: BF130201.D
Acq: 09 Sep 2022 18:36

Instrument :
BNA_F
ClientSampleId :
MW-49

Tgt Ion:264 Resp: 241772
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.4 16.7 25.1

