

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090922\
 Data File : BF130202.D
 Acq On : 09 Sep 2022 19:09
 Operator : CG\JU
 Sample : N4549-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-50

Quant Time: Sep 09 23:49:57 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)

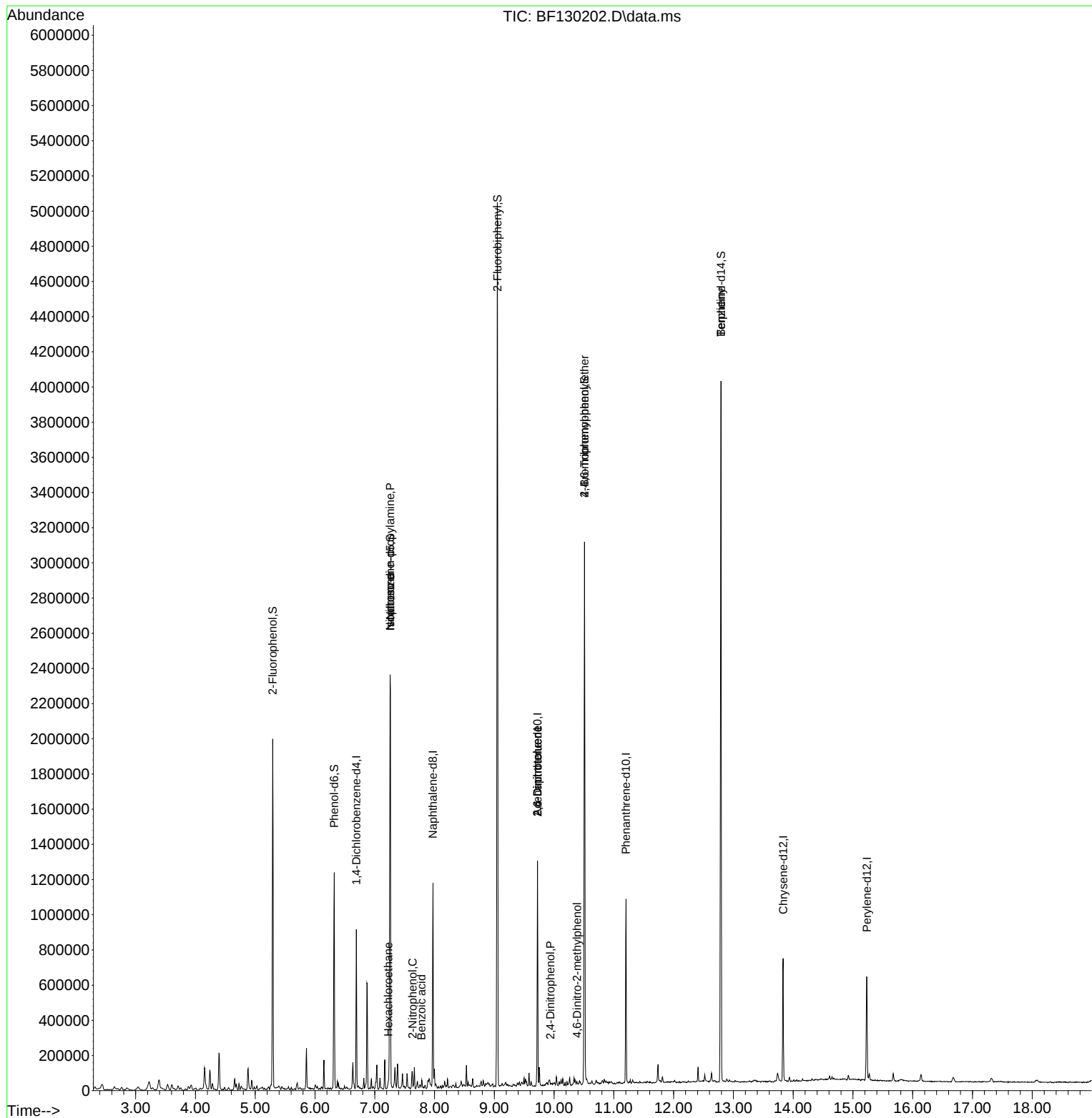
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	119612	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	459259	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	232651	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	354644	20.000	ng	0.00
76) Chrysene-d12	13.833	240	230990	20.000	ng	-0.01
86) Perylene-d12	15.233	264	252902	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	534985	75.930	ng	0.00
7) Phenol-d6	6.322	99	398061	45.317	ng	-0.01
23) Nitrobenzene-d5	7.257	82	828927	115.995	ng	-0.01
42) 2,4,6-Tribromophenol	10.510	330	357726	168.916	ng	-0.01
45) 2-Fluorobiphenyl	9.051	172	1532550	109.215	ng	0.00
79) Terphenyl-d14	12.792	244	1337400	100.403	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.228	117	7499	2.405	ng	# 28
19) n-Nitroso-di-n-propyla...	7.257	70	112809	21.317	ng	# 75
25) Isophorone	7.257	82	823049	56.904	ng	# 65
26) 2-Nitrophenol	7.634	139	71	3.519	ng	# 1
32) Benzoic acid	7.781	122	67	6.584	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	29900	9.678	ng	# 24
54) 2,4-Dinitrophenol	9.939	184	73	8.139	ng	# 24
57) 2,4-Dinitrotoluene	9.722	165	29900	8.406	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.386	198	54	6.109	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	21601	5.476	ng	# 1
77) Benzidine	12.792	184	19444	3.118	ng	# 93

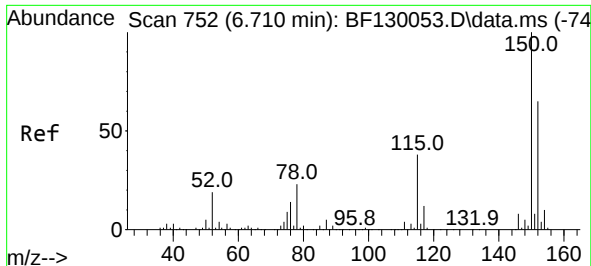
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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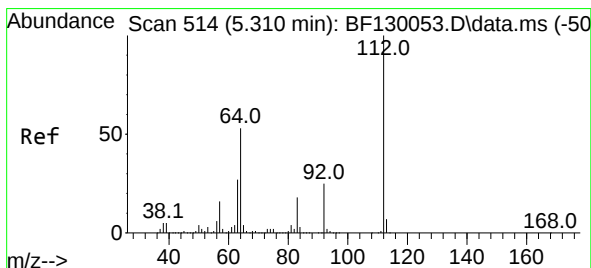
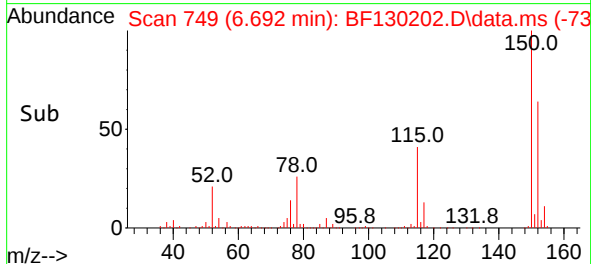
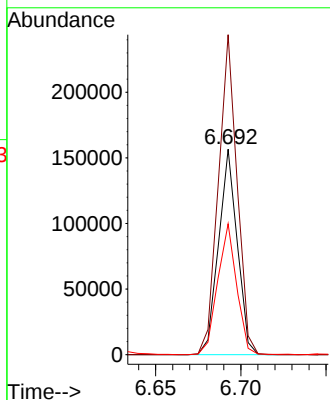
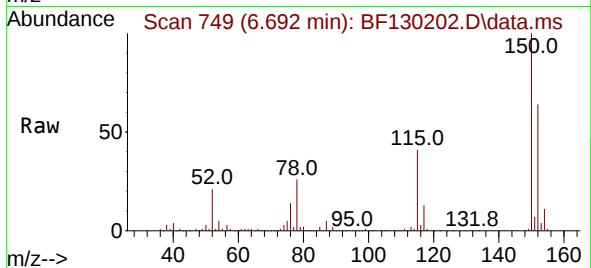




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130202.D
 Acq: 09 Sep 2022 19:09

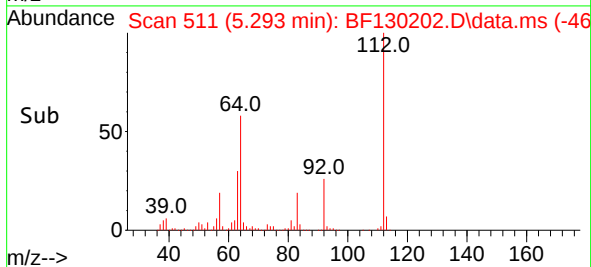
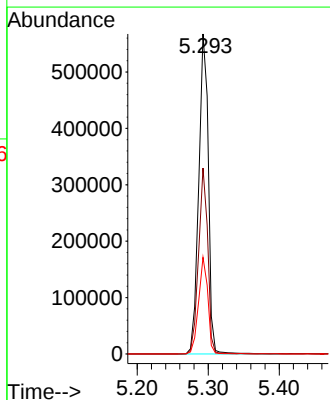
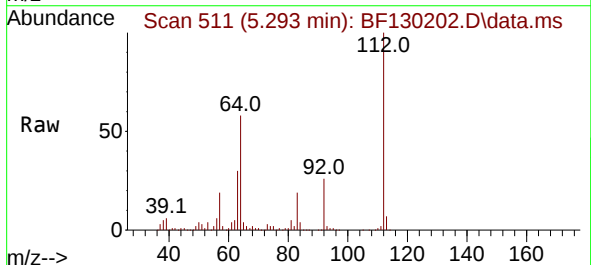
Instrument :
 BNA_F
 ClientSampleId :
 MW-50

Tgt Ion:152 Resp: 119612
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.9 190.3
 115 63.7 53.4 80.0



#5
 2-Fluorophenol
 Concen: 75.930 ng
 RT: 5.293 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: BF130202.D
 Acq: 09 Sep 2022 19:09

Tgt Ion:112 Resp: 534985
 Ion Ratio Lower Upper
 112 100
 64 58.1 47.6 71.4
 63 30.2 24.6 37.0

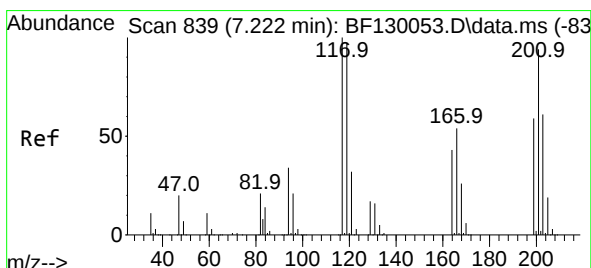
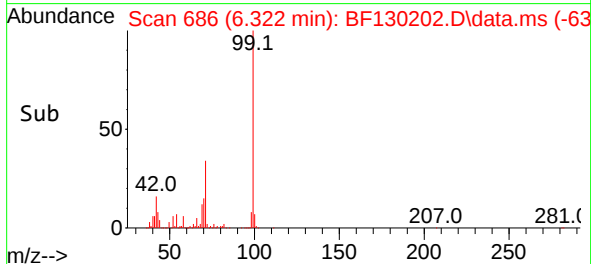
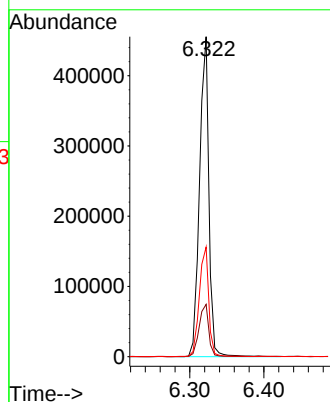
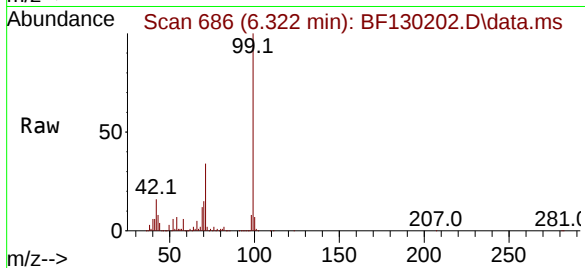




#7
Phenol-d6
Concen: 45.317 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130202.D
Acq: 09 Sep 2022 19:09

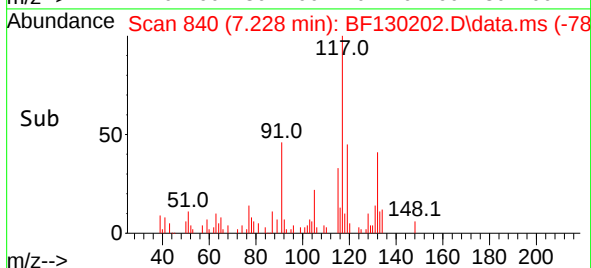
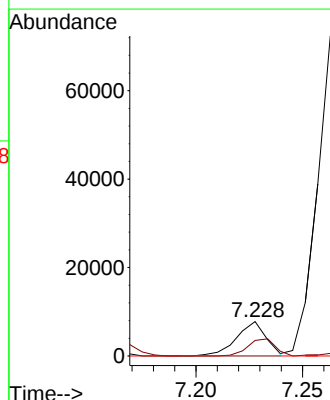
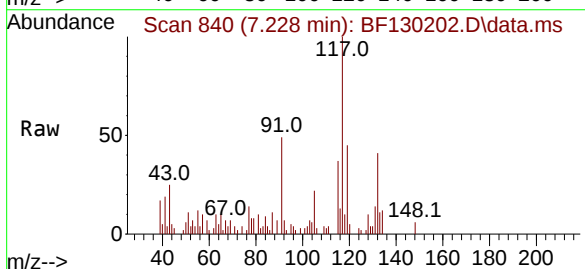
Instrument :
BNA_F
ClientSampleId :
MW-50

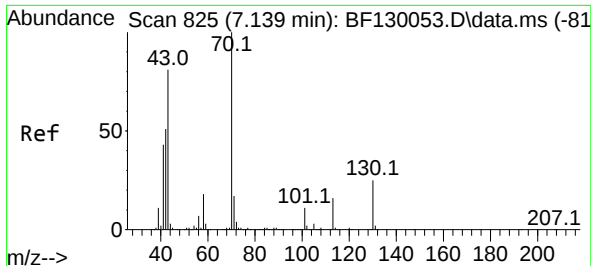
Tgt Ion: 99 Resp: 398061
Ion Ratio Lower Upper
99 100
42 16.4 15.0 22.4
71 34.3 28.8 43.2



#18
Hexachloroethane
Concen: 2.405 ng
RT: 7.228 min Scan# 840
Delta R.T. 0.018 min
Lab File: BF130202.D
Acq: 09 Sep 2022 19:09

Tgt Ion: 117 Resp: 7499
Ion Ratio Lower Upper
117 100
119 45.2 79.1 118.7#
201 0.0 66.6 100.0#

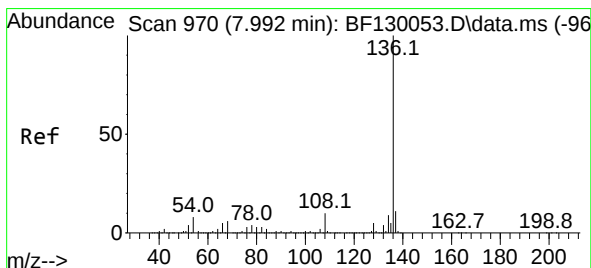
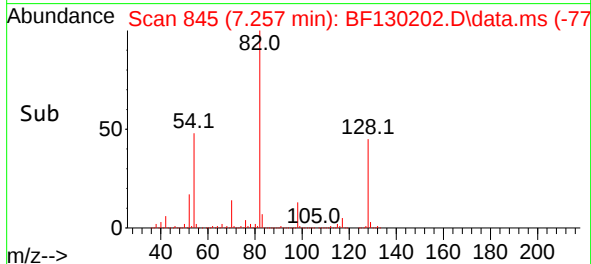
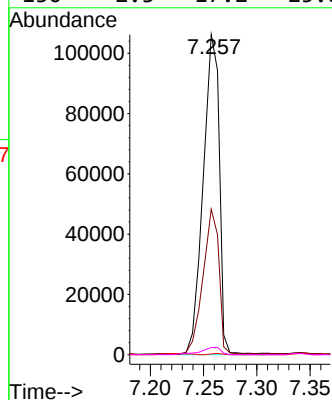
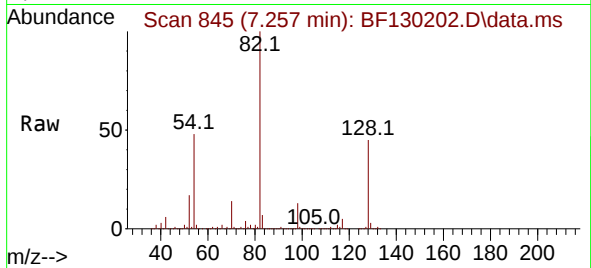




#19
n-Nitroso-di-n-propylamine
Concen: 21.317 ng
RT: 7.257 min Scan# 84
Delta R.T. 0.129 min
Lab File: BF130202.D
Acq: 09 Sep 2022 19:09

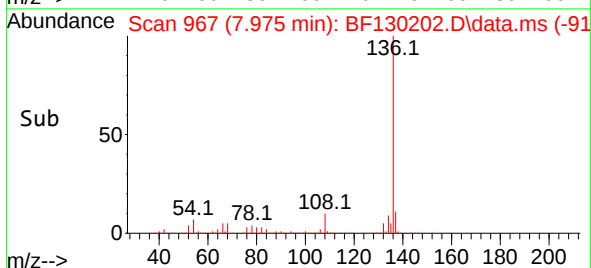
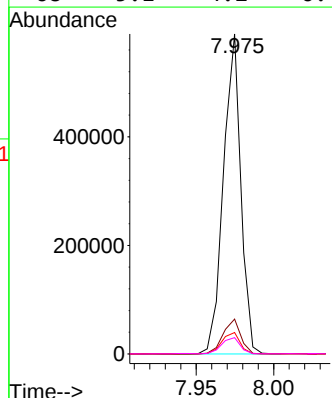
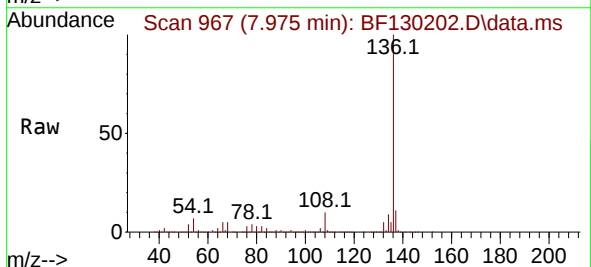
Instrument :
BNA_F
ClientSampleId :
MW-50

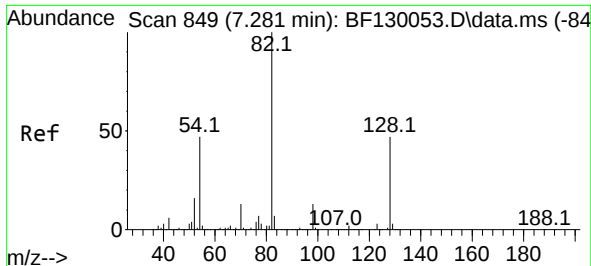
Tgt Ion: 70 Resp: 112809
Ion Ratio Lower Upper
70 100
42 45.5 47.6 71.4#
101 0.2 8.1 12.1#
130 2.3 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF130202.D
Acq: 09 Sep 2022 19:09

Tgt Ion:136 Resp: 459259
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.7 6.2 9.2
68 5.1 4.2 6.4





#23

Nitrobenzene-d5

Concen: 115.995 ng

RT: 7.257 min Scan# 845

Delta R.T. -0.012 min

Lab File: BF130202.D

Acq: 09 Sep 2022 19:09

Instrument :

BNA_F

ClientSampleId :

MW-50

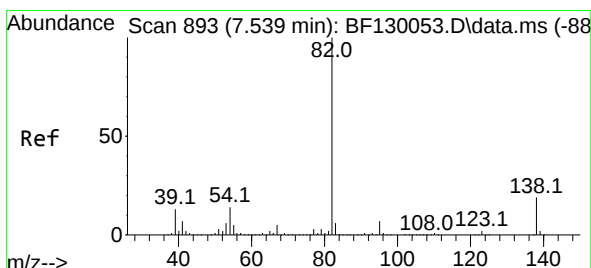
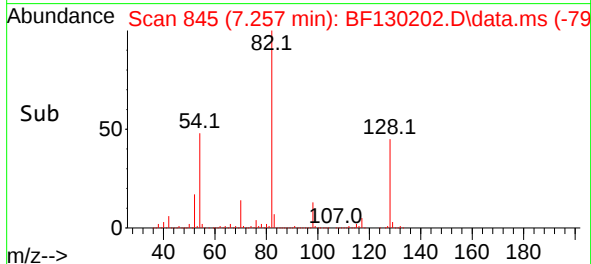
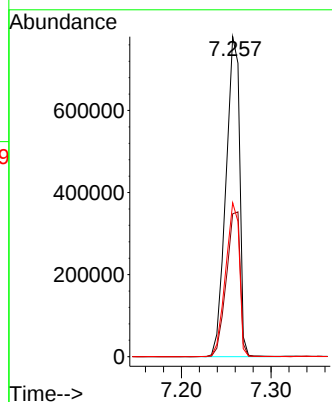
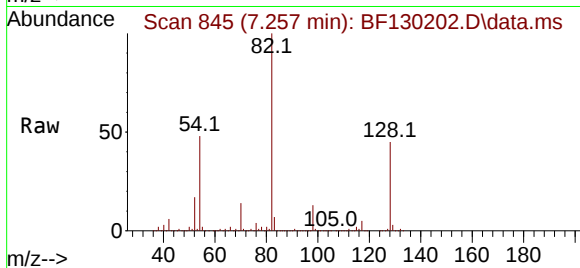
Tgt Ion: 82 Resp: 828927

Ion Ratio Lower Upper

82 100

128 44.7 36.1 54.1

54 48.1 40.0 60.0



#25

Isophorone

Concen: 56.904 ng

RT: 7.257 min Scan# 845

Delta R.T. -0.271 min

Lab File: BF130202.D

Acq: 09 Sep 2022 19:09

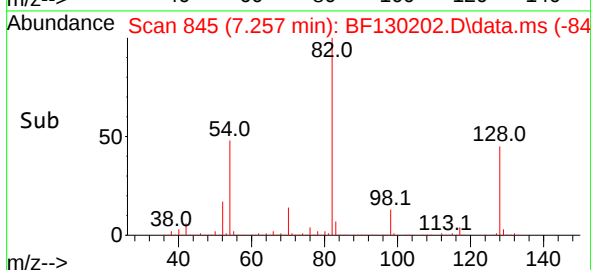
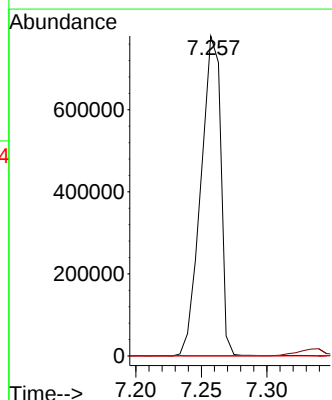
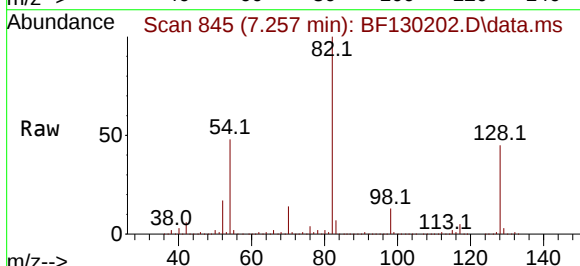
Tgt Ion: 82 Resp: 823049

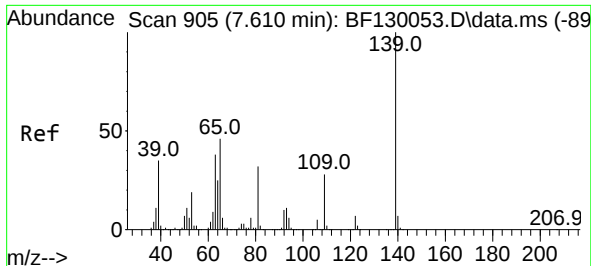
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

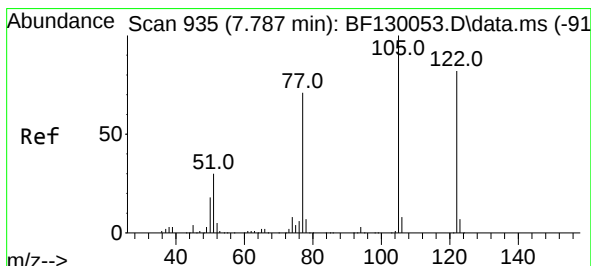
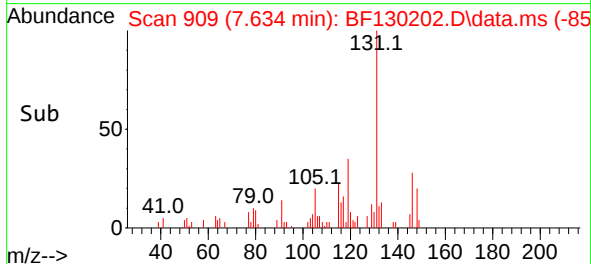
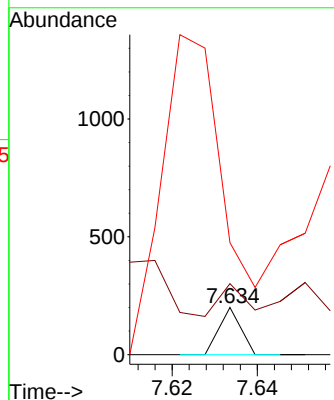
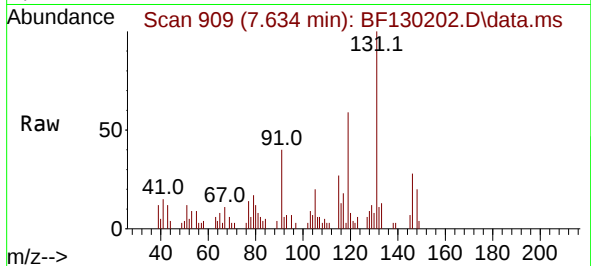




#26
2-Nitrophenol
Concen: 3.519 ng
RT: 7.634 min Scan# 905
Delta R.T. 0.035 min
Lab File: BF130202.D
Acq: 09 Sep 2022 19:09

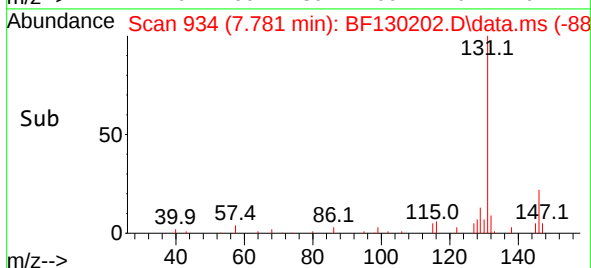
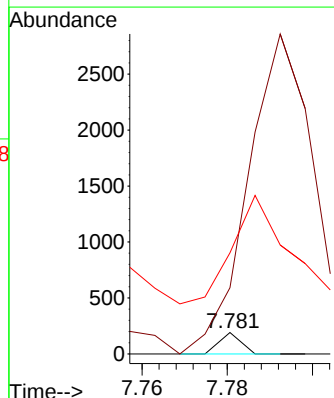
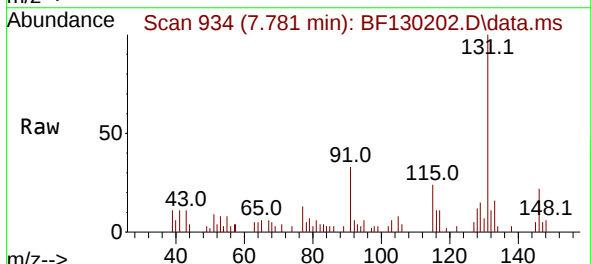
Instrument :
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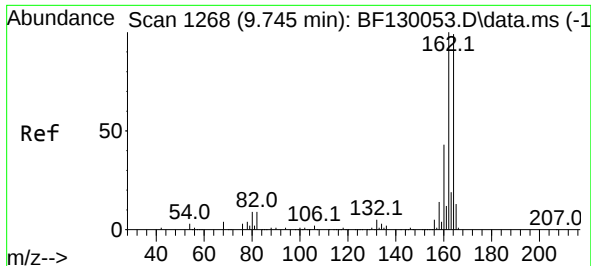
Tgt Ion:139	Resp:	71
Ion	Ratio	Lower Upper
139	100	
109	150.5	24.4 36.6#
65	237.5	40.9 61.3#



#32
Benzoic acid
Concen: 6.584 ng
RT: 7.781 min Scan# 934
Delta R.T. 0.012 min
Lab File: BF130202.D
Acq: 09 Sep 2022 19:09

Tgt Ion:122	Resp:	67
Ion	Ratio	Lower Upper
122	100	
105	309.4	99.9 139.9#
77	472.8	65.9 105.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.722 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF130202.D

Acq: 09 Sep 2022 19:09

Instrument :

BNA_F

ClientSampleId :

MW-50

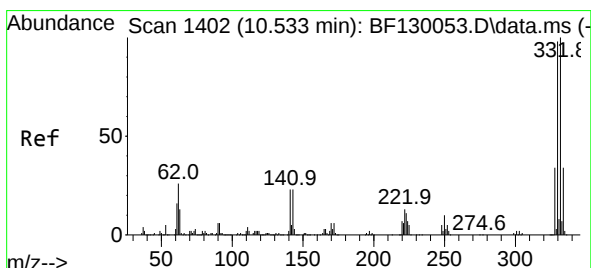
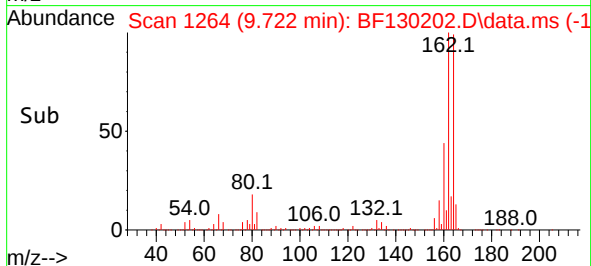
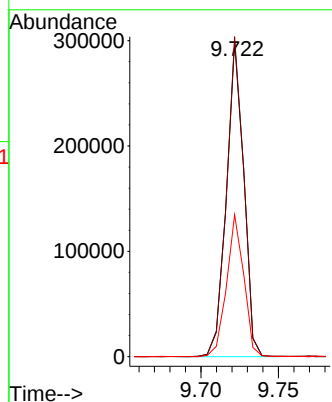
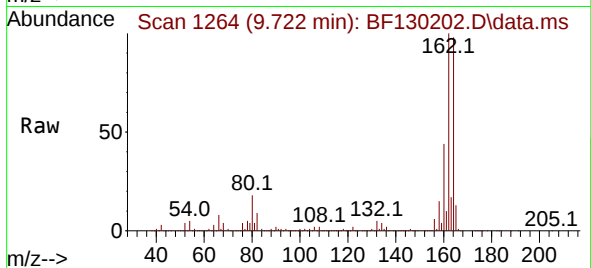
Tgt Ion:164 Resp: 232651

Ion Ratio Lower Upper

164 100

162 101.6 82.0 123.0

160 45.0 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 168.916 ng

RT: 10.510 min Scan# 1398

Delta R.T. -0.012 min

Lab File: BF130202.D

Acq: 09 Sep 2022 19:09

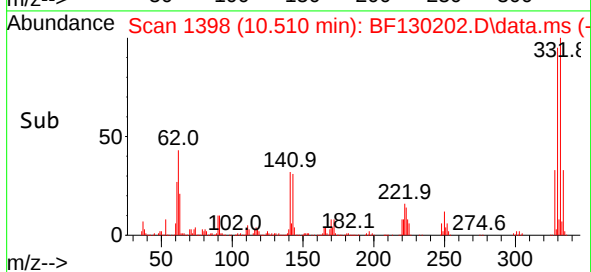
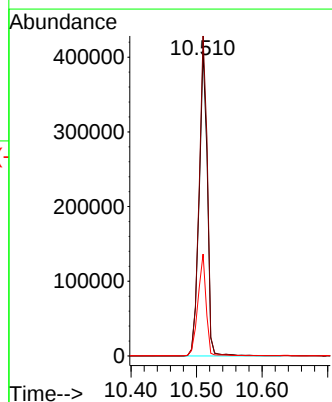
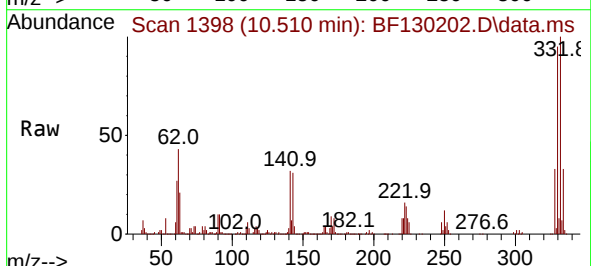
Tgt Ion:330 Resp: 357726

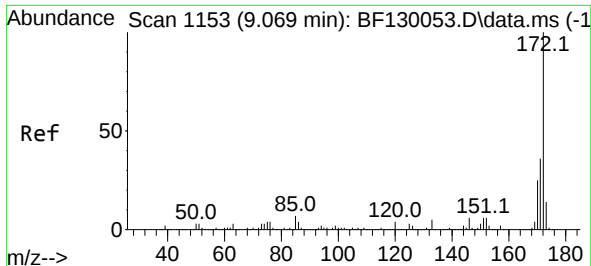
Ion Ratio Lower Upper

330 100

332 105.4 82.6 124.0

141 33.0 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 109.215 ng

RT: 9.051 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130202.D

Acq: 09 Sep 2022 19:09

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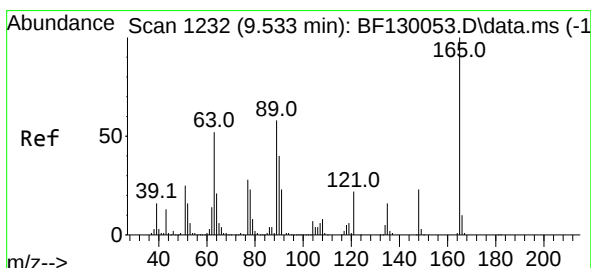
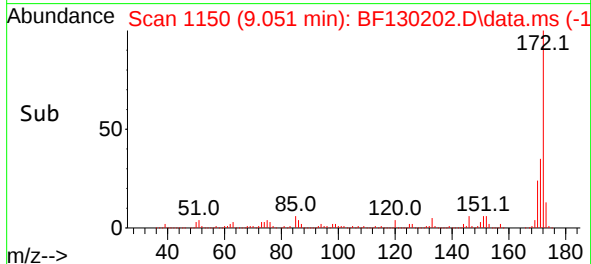
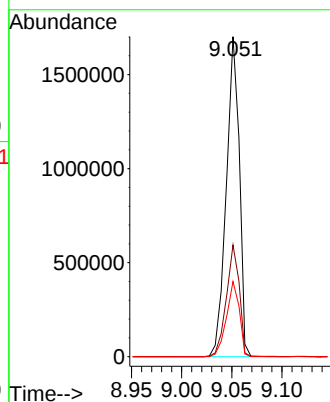
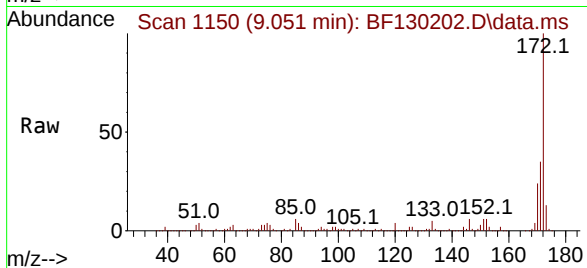
Tgt Ion:172 Resp: 1532550

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.5 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.678 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.194 min

Lab File: BF130202.D

Acq: 09 Sep 2022 19:09

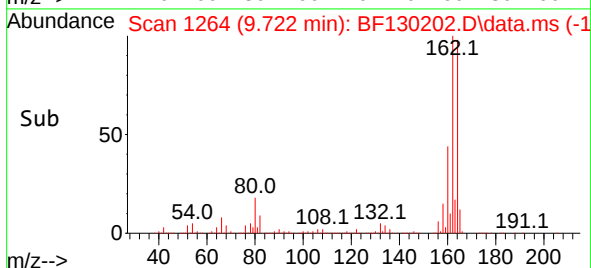
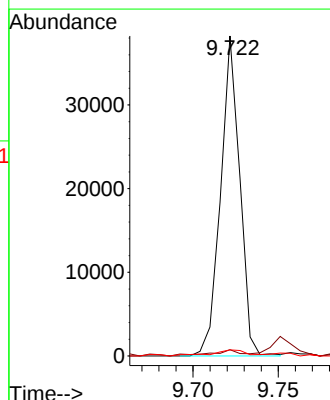
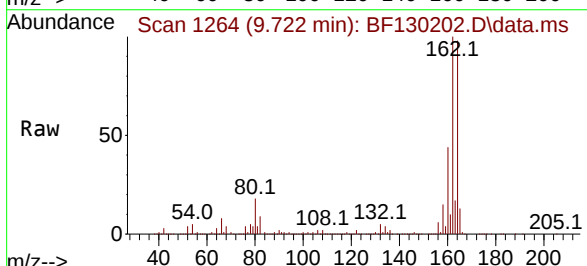
Tgt Ion:165 Resp: 29900

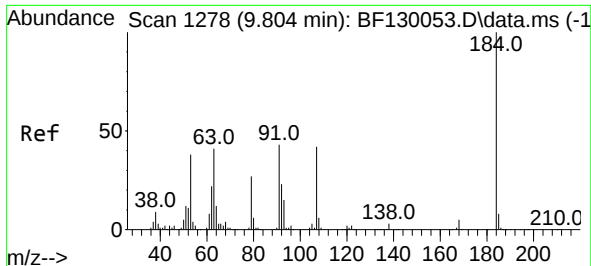
Ion Ratio Lower Upper

165 100

63 2.0 47.8 71.8#

89 1.9 47.2 70.8#





#54

2,4-Dinitrophenol

Concen: 8.139 ng

RT: 9.939 min Scan# 11

Delta R.T. 0.147 min

Lab File: BF130202.D

Acq: 09 Sep 2022 19:09

Instrument :

BNA_F

ClientSampleId :

MW-50

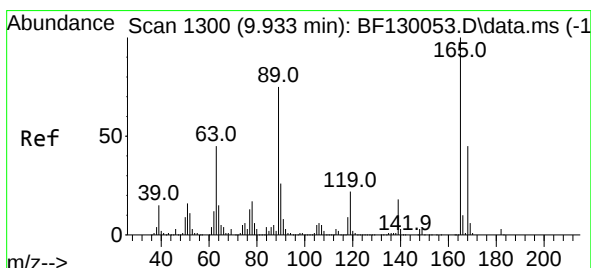
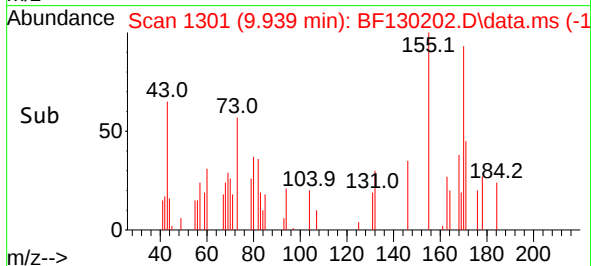
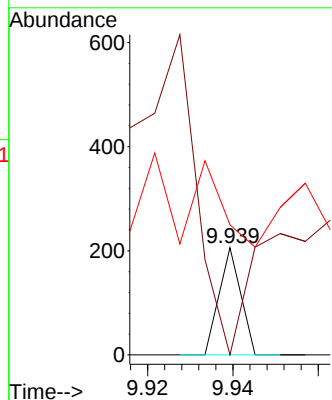
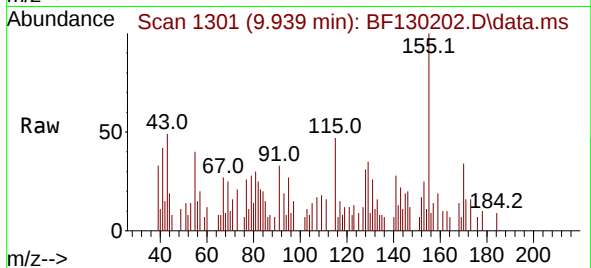
Tgt Ion:184 Resp: 73

Ion Ratio Lower Upper

184 100

63 0.0 59.6 89.4#

154 121.4 55.3 82.9#



#57

2,4-Dinitrotoluene

Concen: 8.406 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.200 min

Lab File: BF130202.D

Acq: 09 Sep 2022 19:09

Tgt Ion:165 Resp: 29900

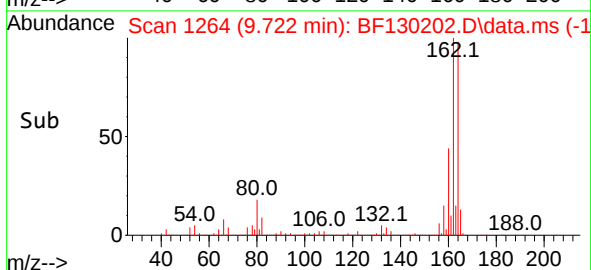
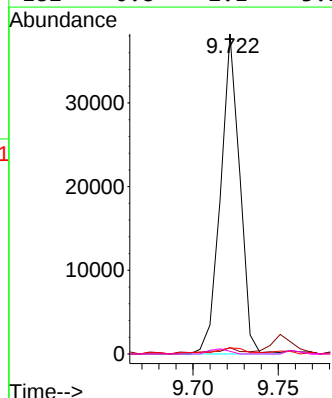
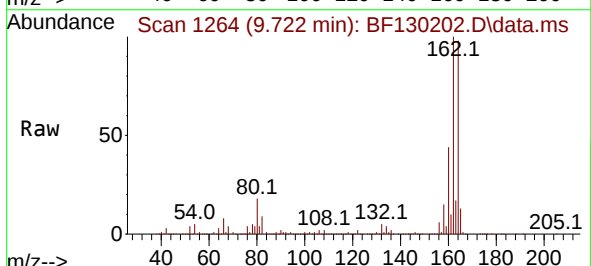
Ion Ratio Lower Upper

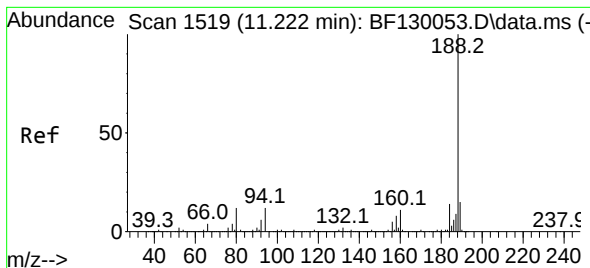
165 100

63 2.0 48.4 72.6#

89 1.9 62.3 93.5#

182 0.8 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.204 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130202.D

Acq: 09 Sep 2022 19:09

Instrument :

BNA_F

ClientSampleId :

MW-50

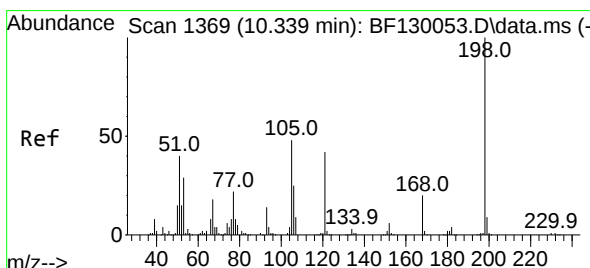
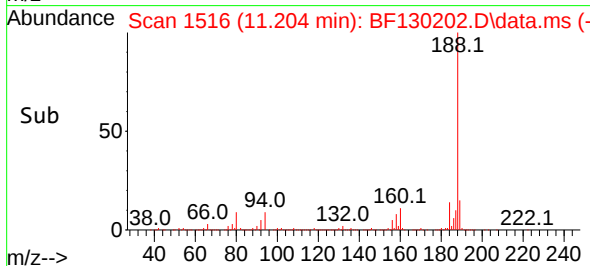
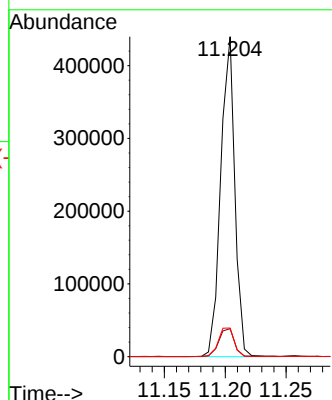
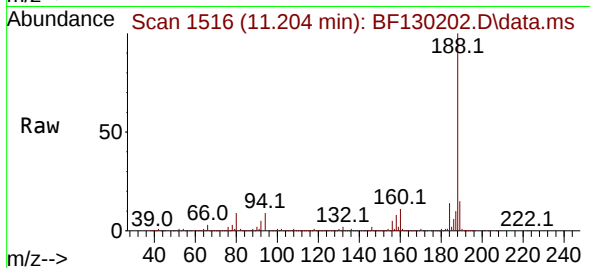
Tgt Ion:188 Resp: 354644

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

80 9.0 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.109 ng

RT: 10.386 min Scan# 1377

Delta R.T. 0.059 min

Lab File: BF130202.D

Acq: 09 Sep 2022 19:09

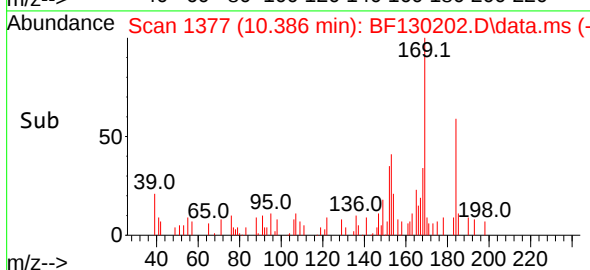
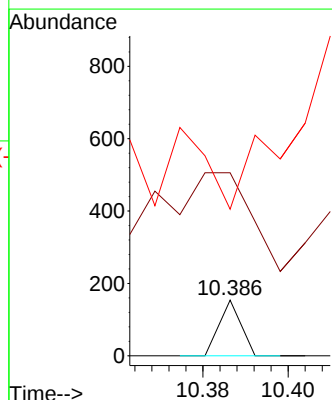
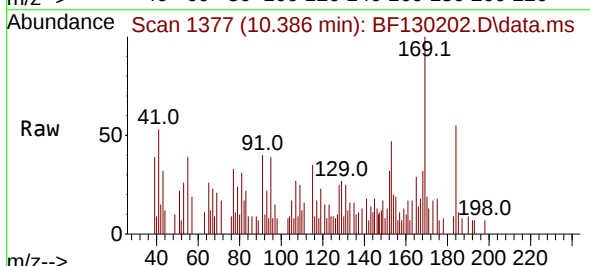
Tgt Ion:198 Resp: 54

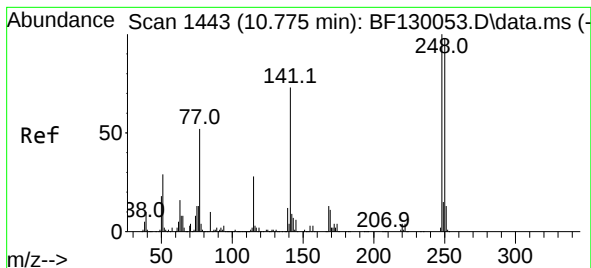
Ion Ratio Lower Upper

198 100

51 328.6 29.4 69.4#

105 263.0 29.2 69.2#

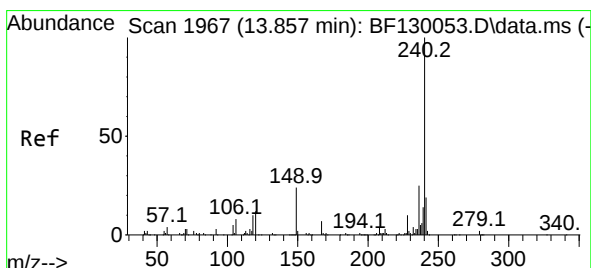
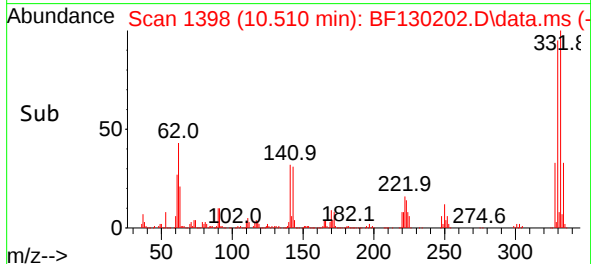
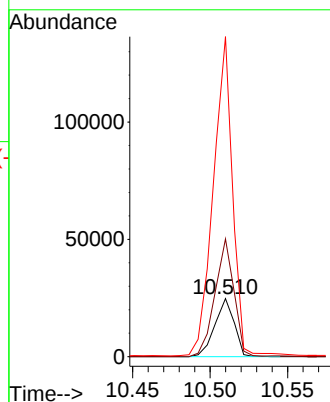
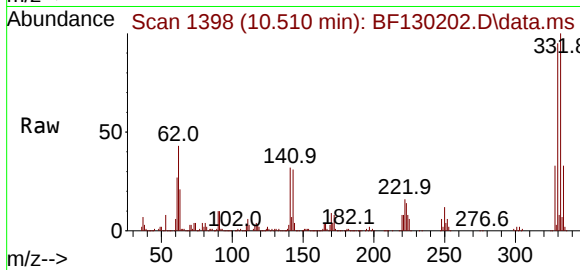




#67
4-Bromophenyl-phenylether
Concen: 5.476 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.253 min
Lab File: BF130202.D
Acq: 09 Sep 2022 19:09

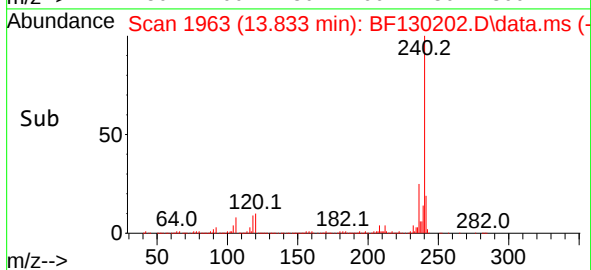
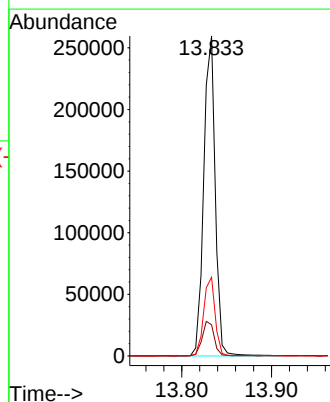
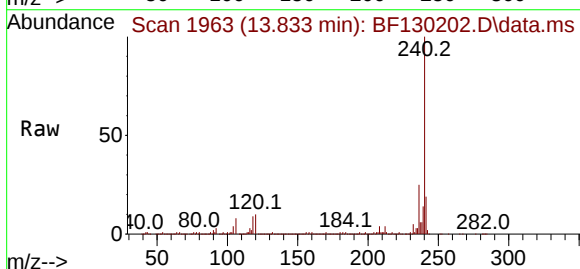
Instrument :
BNA_F
ClientSampleId :
MW-50

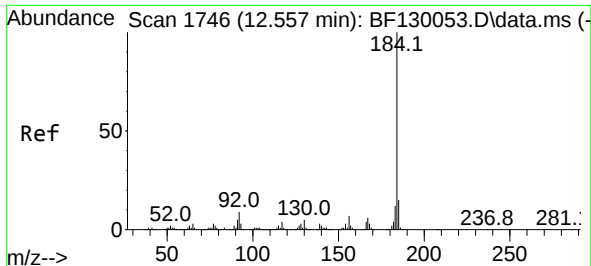
Tgt Ion:248 Resp: 21601
Ion Ratio Lower Upper
248 100
250 202.5 77.8 116.6#
141 550.6 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130202.D
Acq: 09 Sep 2022 19:09

Tgt Ion:240 Resp: 230990
Ion Ratio Lower Upper
240 100
120 9.7 9.2 13.8
236 24.6 20.7 31.1

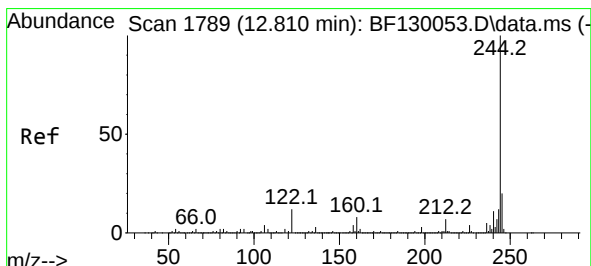
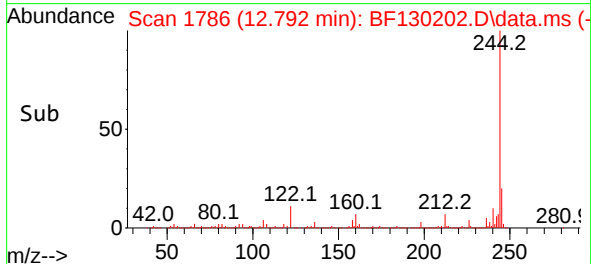
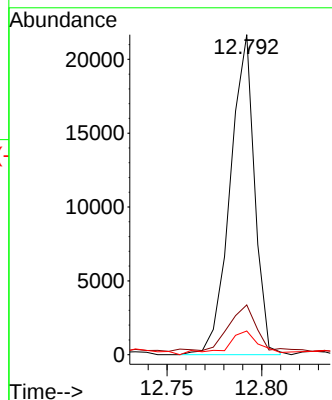
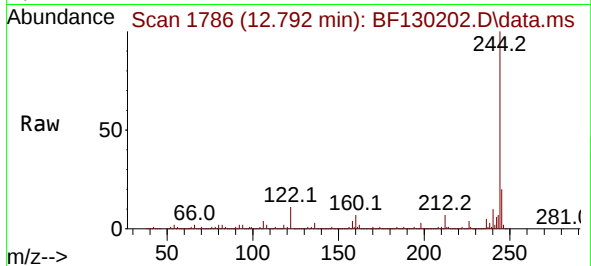




#77
Benzidine
Concen: 3.118 ng
RT: 12.792 min Scan# 1786
Delta R.T. 0.247 min
Lab File: BF130202.D
Acq: 09 Sep 2022 19:09

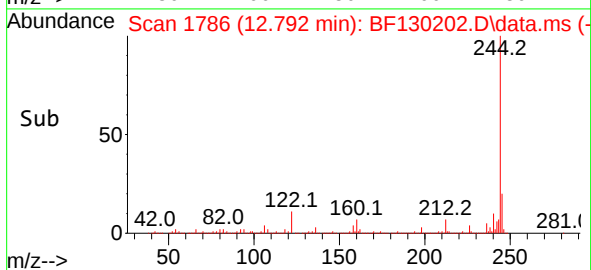
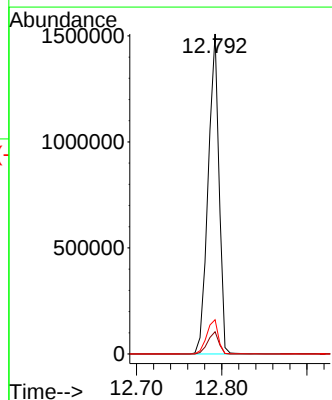
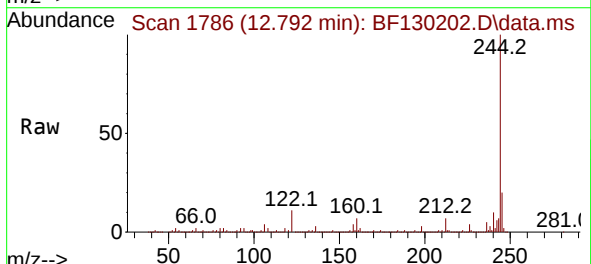
Instrument :
BNA_F
ClientSampleId :
MW-50

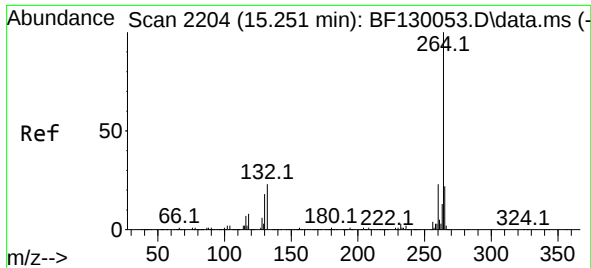
Tgt Ion:184 Resp: 19444
Ion Ratio Lower Upper
184 100
185 15.5 11.4 17.2
183 7.4 9.4 14.2#



#79
Terphenyl-d14
Concen: 100.403 ng
RT: 12.792 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF130202.D
Acq: 09 Sep 2022 19:09

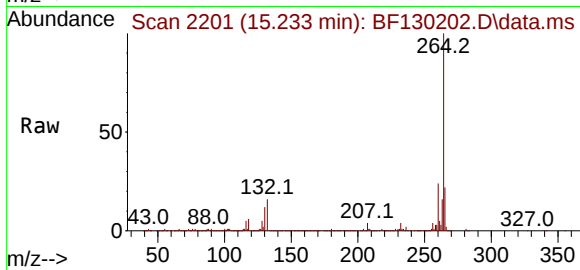
Tgt Ion:244 Resp: 1337400
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.7 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130202.D
 Acq: 09 Sep 2022 19:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-50



Tgt Ion:264 Resp: 252902
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.9 16.7 25.1

