

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090922\
 Data File : BF130197.D
 Acq On : 09 Sep 2022 16:26
 Operator : CG\JU
 Sample : N4549-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-55

Quant Time: Sep 09 23:47:39 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)

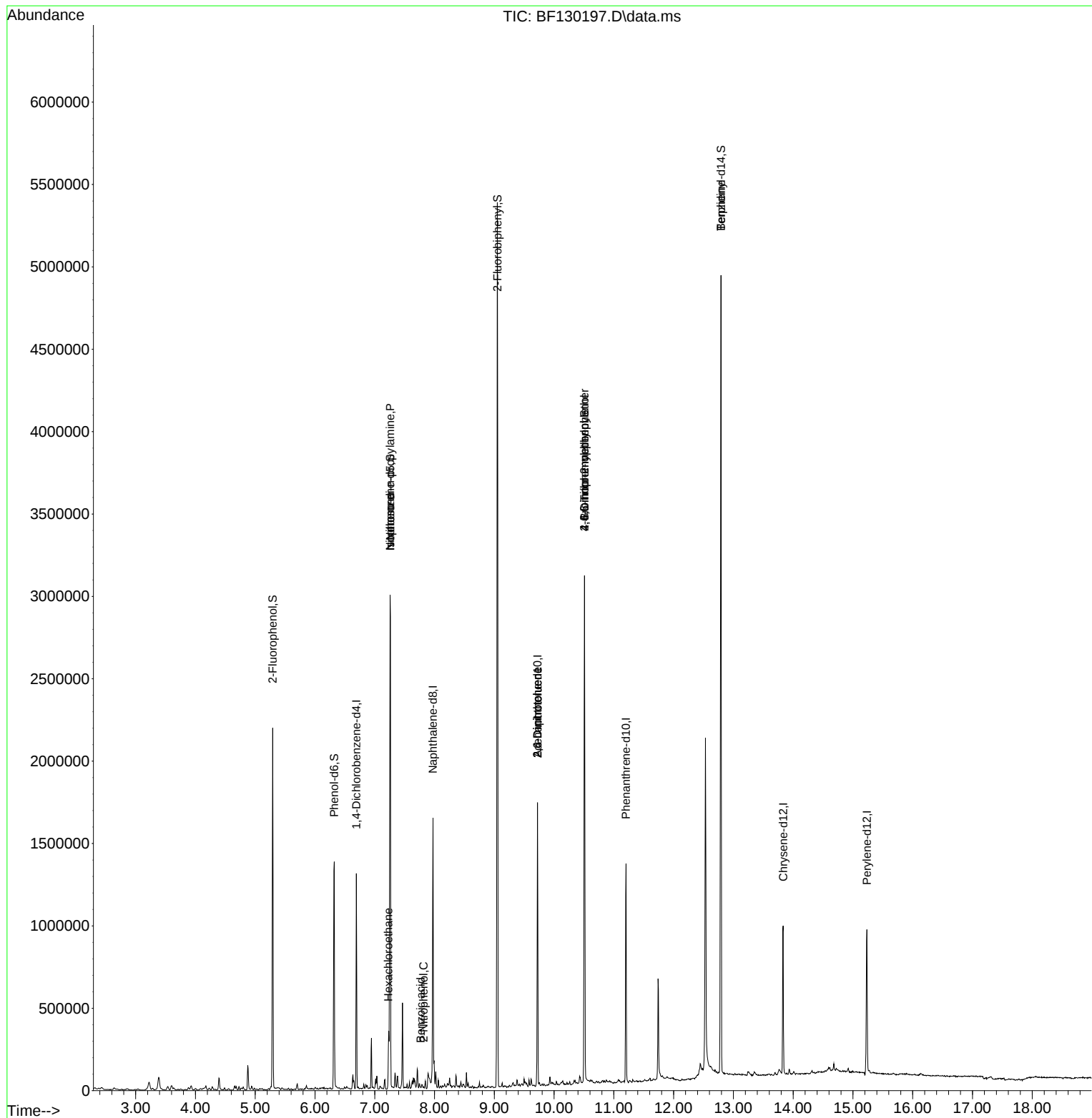
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	173670	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	655128	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	324354	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	475331	20.000	ng	0.00
76) Chrysene-d12	13.833	240	309802	20.000	ng	-0.01
86) Perylene-d12	15.233	264	365945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.292	112	590916	57.763	ng	0.00
7) Phenol-d6	6.322	99	501036	39.285	ng	-0.01
23) Nitrobenzene-d5	7.257	82	1081276	106.070	ng	-0.01
42) 2,4,6-Tribromophenol	10.510	330	369791	125.246	ng	-0.01
45) 2-Fluorobiphenyl	9.051	172	1665115	85.113	ng	0.00
79) Terphenyl-d14	12.792	244	1585114	88.727	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.228	117	14554	3.215	ng	# 1
19) n-Nitroso-di-n-propyla...	7.257	70	144018	18.744	ng	# 73
25) Isophorone	7.257	82	1076653	52.182	ng	# 65
26) 2-Nitrophenol	7.816	139	220	3.540	ng	# 58
32) Benzoic acid	7.769	122	406	6.622	ng	# 86
51) 2,6-Dinitrotoluene	9.722	165	42317	9.824	ng	# 23
57) 2,4-Dinitrotoluene	9.722	165	42317	8.533	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.510	198	963	6.456	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	22395	4.236	ng	# 1
77) Benzidine	12.792	184	22376	2.675	ng	# 90

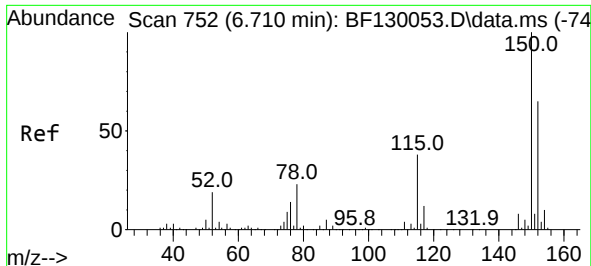
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 09 23:47:39 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
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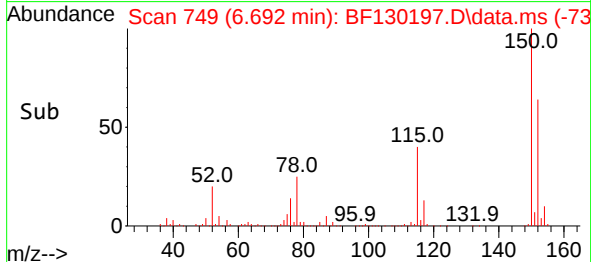
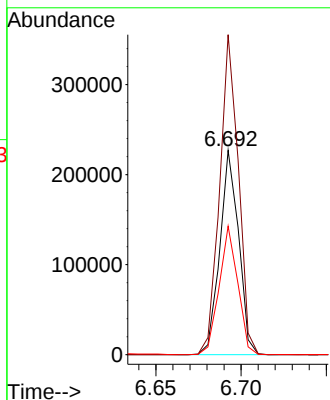
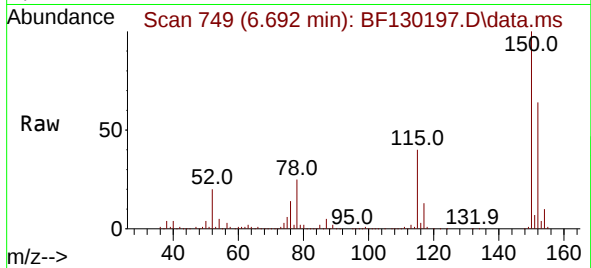




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 749
 Delta R.T. -0.006 min
 Lab File: BF130197.D
 Acq: 09 Sep 2022 16:26

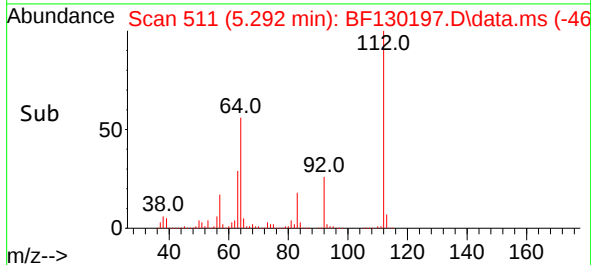
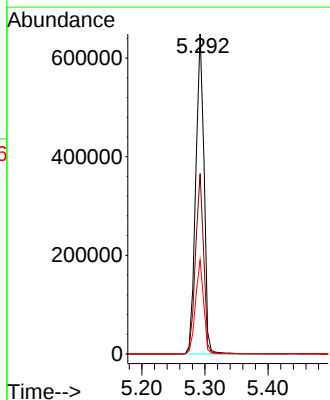
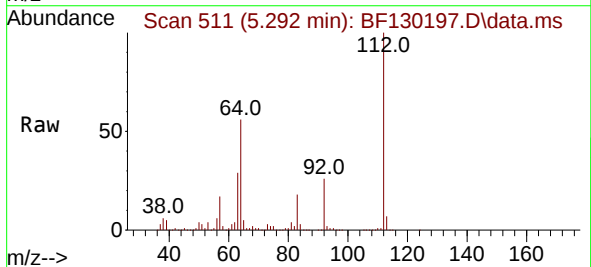
Instrument :
 BNA_F
 ClientSampleId :
 MW-55

Tgt Ion:152 Resp: 173670
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.9 190.3
 115 62.9 53.4 80.0



#5
 2-Fluorophenol
 Concen: 57.763 ng
 RT: 5.292 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: BF130197.D
 Acq: 09 Sep 2022 16:26

Tgt Ion:112 Resp: 590916
 Ion Ratio Lower Upper
 112 100
 64 56.4 47.6 71.4
 63 29.3 24.6 37.0

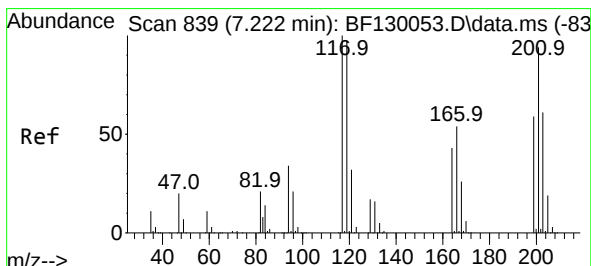
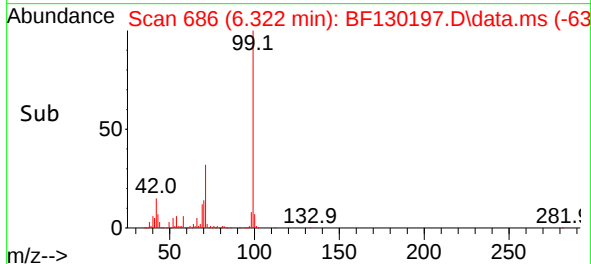
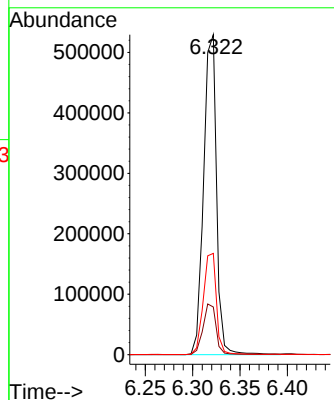
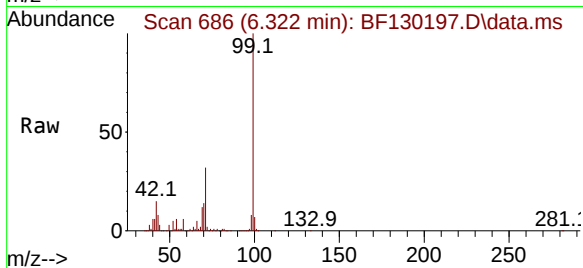




#7
Phenol-d6
Concen: 39.285 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130197.D
Acq: 09 Sep 2022 16:26

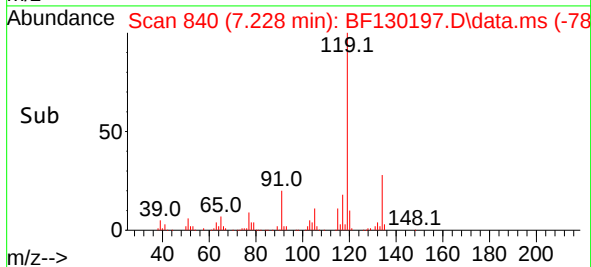
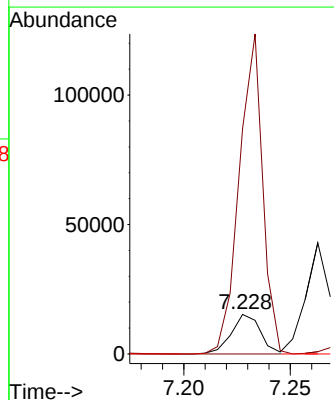
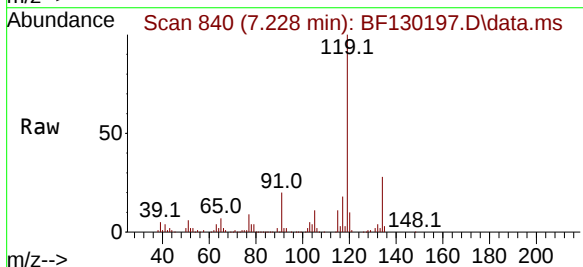
Instrument :
BNA_F
ClientSampleId :
MW-55

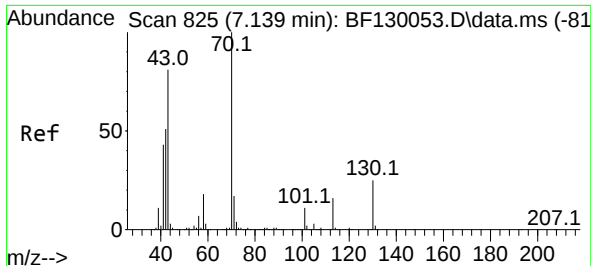
Tgt Ion: 99 Resp: 501036
Ion Ratio Lower Upper
99 100
42 14.9 15.0 22.4#
71 31.6 28.8 43.2



#18
Hexachloroethane
Concen: 3.215 ng
RT: 7.228 min Scan# 840
Delta R.T. 0.017 min
Lab File: BF130197.D
Acq: 09 Sep 2022 16:26

Tgt Ion: 117 Resp: 14554
Ion Ratio Lower Upper
117 100
119 570.7 79.1 118.7#
201 0.0 66.6 100.0#

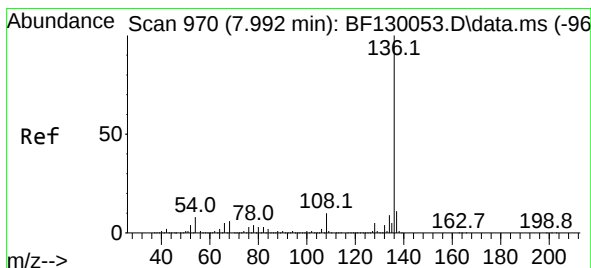
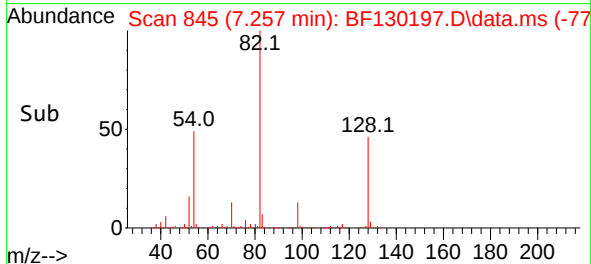
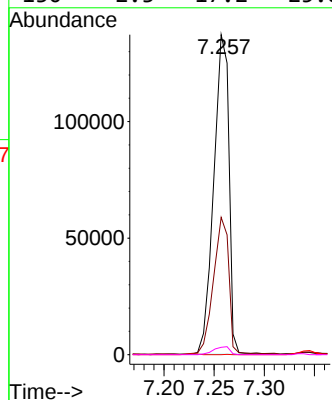
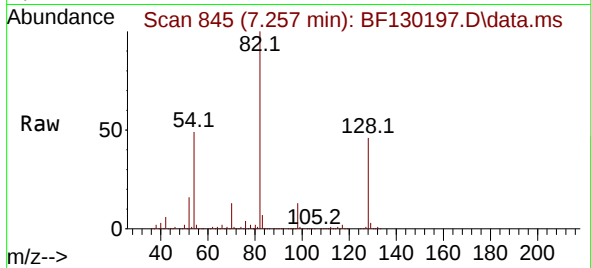




#19
n-Nitroso-di-n-propylamine
Concen: 18.744 ng
RT: 7.257 min Scan# 84
Delta R.T. 0.129 min
Lab File: BF130197.D
Acq: 09 Sep 2022 16:26

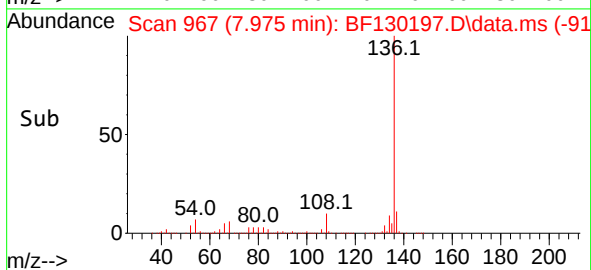
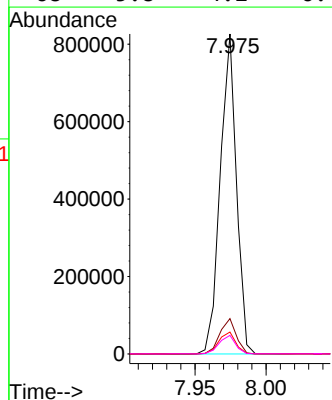
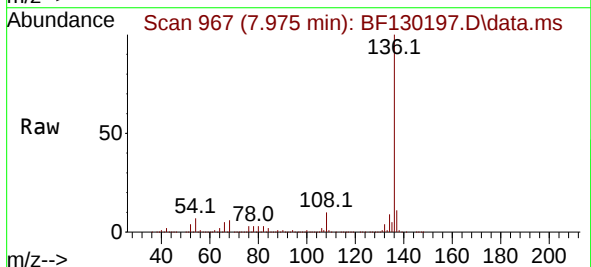
Instrument :
BNA_F
ClientSampleId :
MW-55

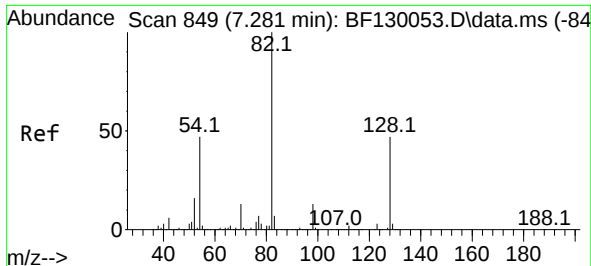
Tgt Ion: 70 Resp: 144018
Ion Ratio Lower Upper
70 100
42 42.9 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF130197.D
Acq: 09 Sep 2022 16:26

Tgt Ion:136 Resp: 655128
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 6.9 6.2 9.2
68 5.8 4.2 6.4

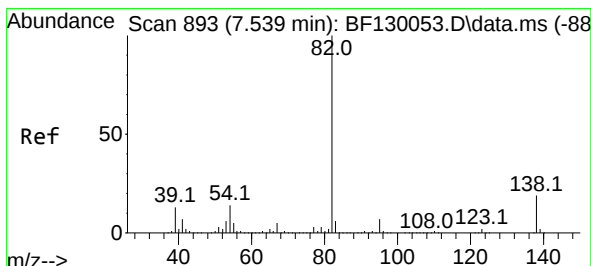
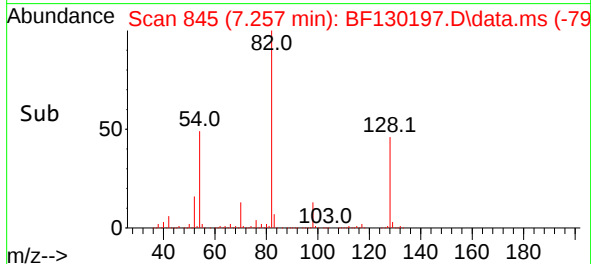
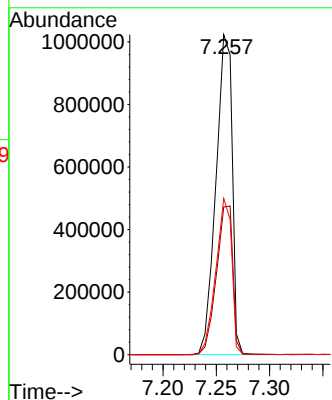
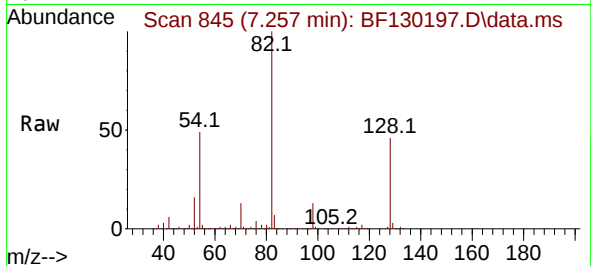




#23
Nitrobenzene-d5
Concen: 106.070 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF130197.D
Acq: 09 Sep 2022 16:26

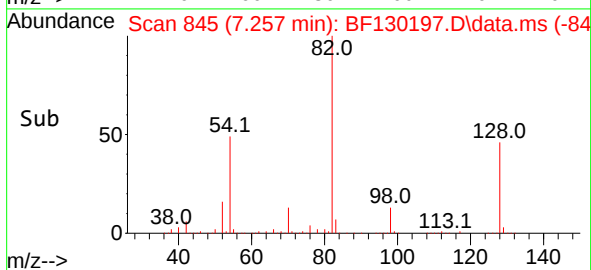
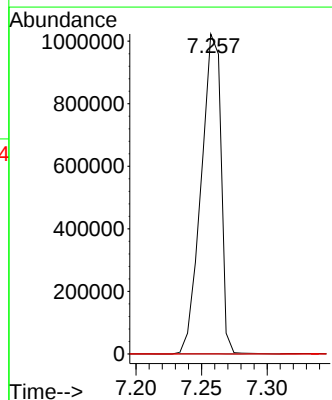
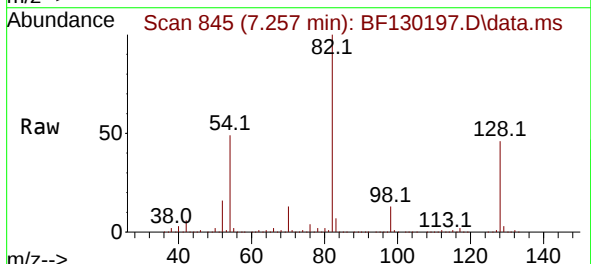
Instrument :
BNA_F
ClientSampleId :
MW-55

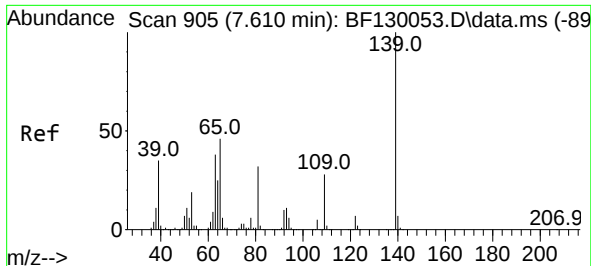
Tgt Ion: 82 Resp: 1081276
Ion Ratio Lower Upper
82 100
128 46.2 36.1 54.1
54 48.8 40.0 60.0



#25
Isophorone
Concen: 52.182 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.271 min
Lab File: BF130197.D
Acq: 09 Sep 2022 16:26

Tgt Ion: 82 Resp: 1076653
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.0 14.6 21.8#





#26

2-Nitrophenol

Concen: 3.540 ng

RT: 7.816 min Scan# 940

Delta R.T. 0.217 min

Lab File: BF130197.D

Acq: 09 Sep 2022 16:26

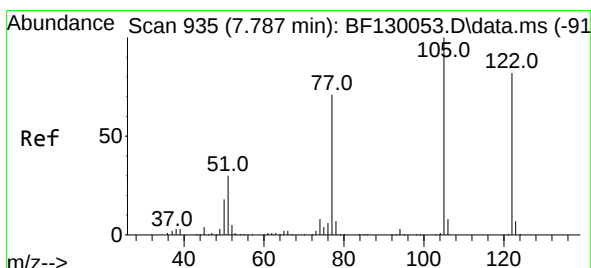
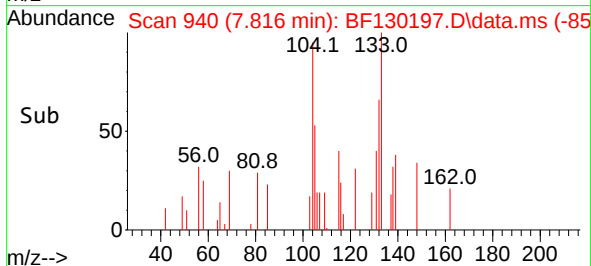
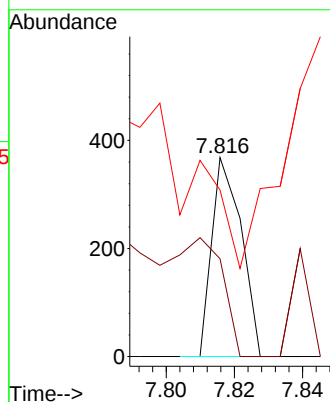
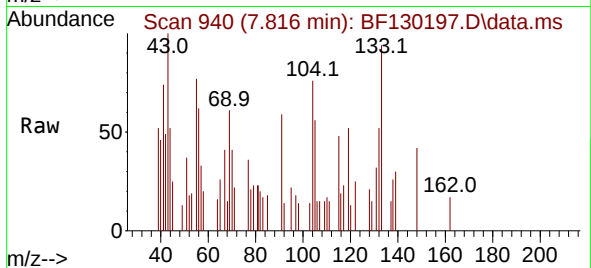
Instrument :

BNA_F

ClientSampleId :

MW-55

Tgt Ion:139	Resp:	220
Ion	Ratio	Lower Upper
139	100	
109	49.2	24.4 36.6#
65	83.7	40.9 61.3#



#32

Benzoic acid

Concen: 6.622 ng

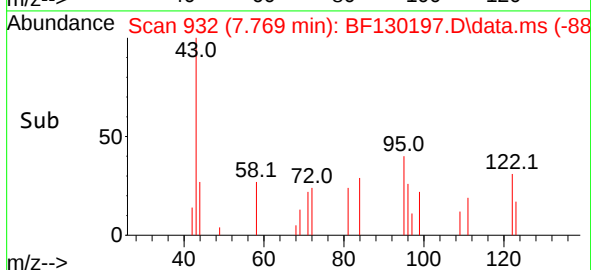
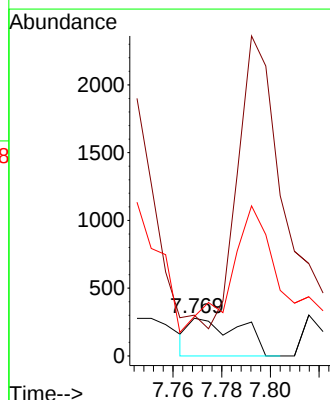
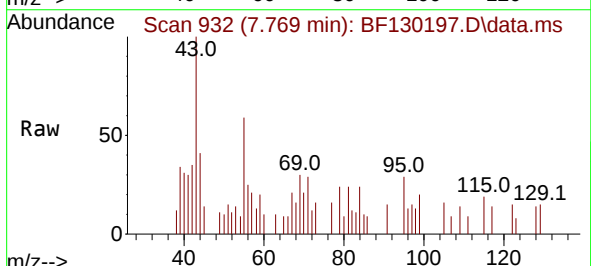
RT: 7.769 min Scan# 932

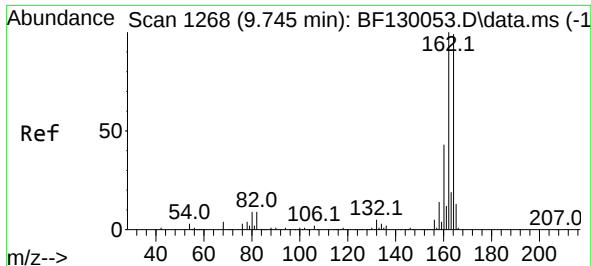
Delta R.T. -0.000 min

Lab File: BF130197.D

Acq: 09 Sep 2022 16:26

Tgt Ion:122	Resp:	406
Ion	Ratio	Lower Upper
122	100	
105	108.3	99.9 139.9
77	104.3	65.9 105.9

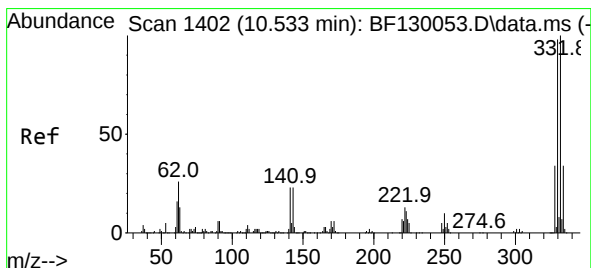
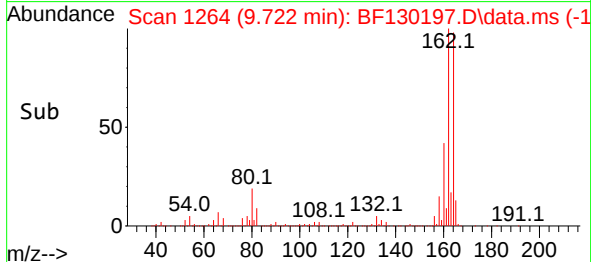
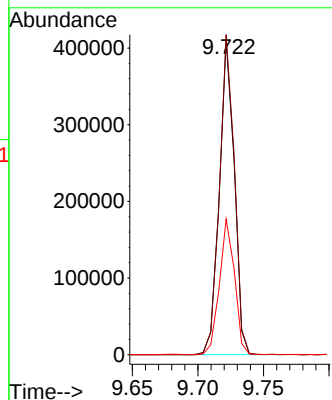
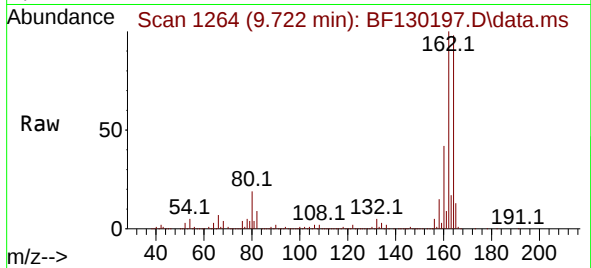




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF130197.D
Acq: 09 Sep 2022 16:26

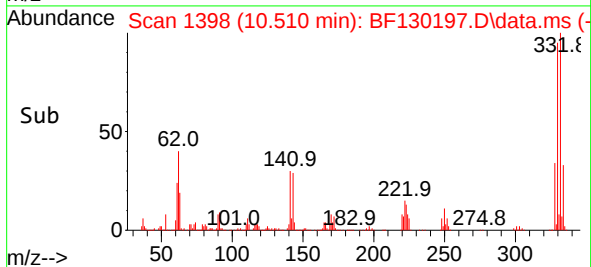
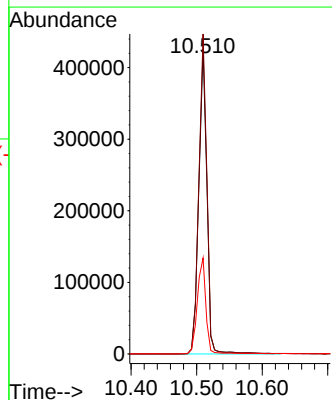
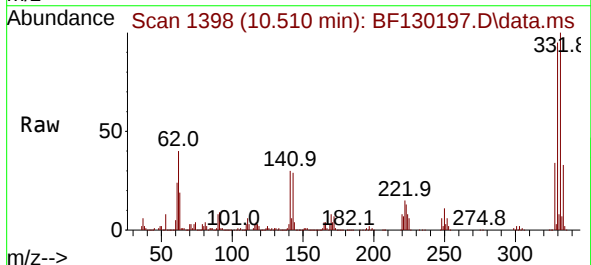
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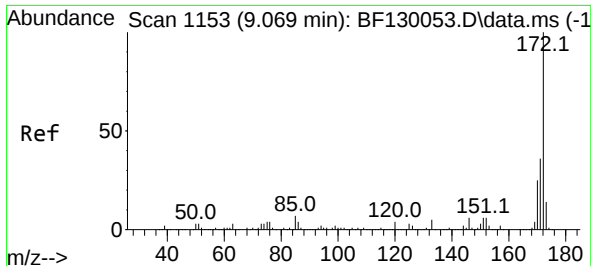
Tgt Ion:164 Resp: 324354
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 43.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 125.246 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BF130197.D
Acq: 09 Sep 2022 16:26

Tgt Ion:330 Resp: 369791
Ion Ratio Lower Upper
330 100
332 104.2 82.6 124.0
141 33.3 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 85.113 ng

RT: 9.051 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130197.D

Acq: 09 Sep 2022 16:26

Instrument :

BNA_F

ClientSampleId :

MW-55

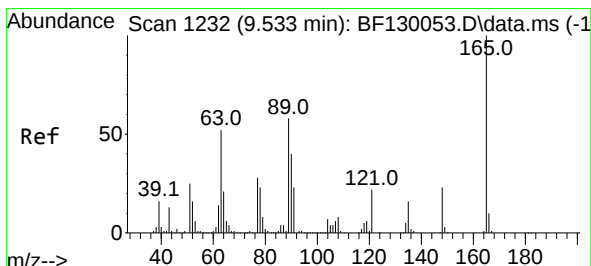
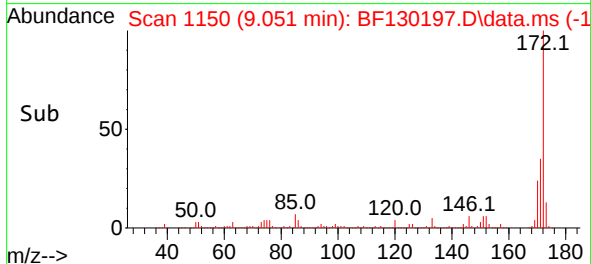
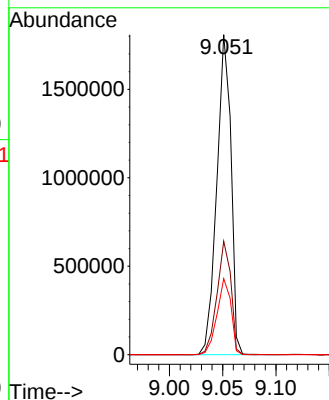
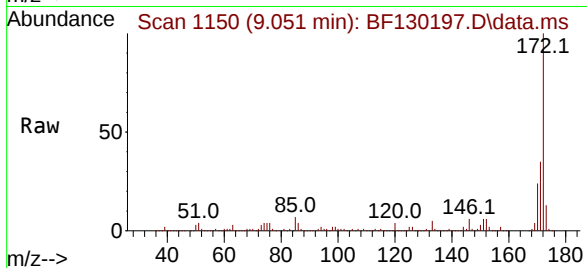
Tgt Ion:172 Resp: 1665115

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.8 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.824 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.194 min

Lab File: BF130197.D

Acq: 09 Sep 2022 16:26

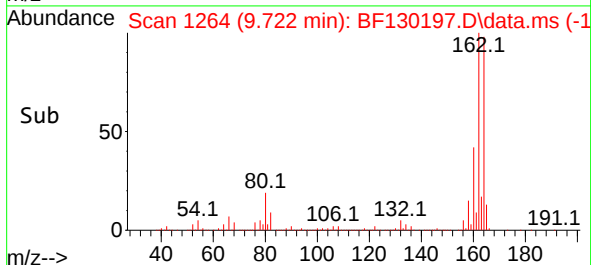
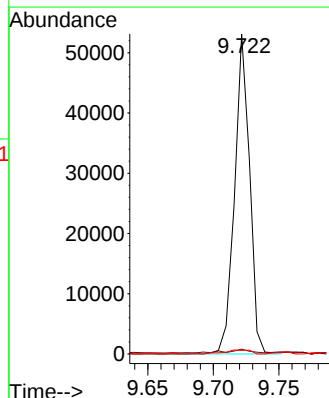
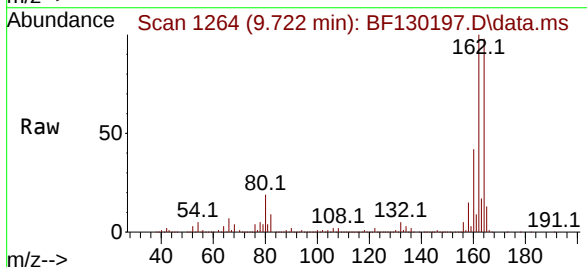
Tgt Ion:165 Resp: 42317

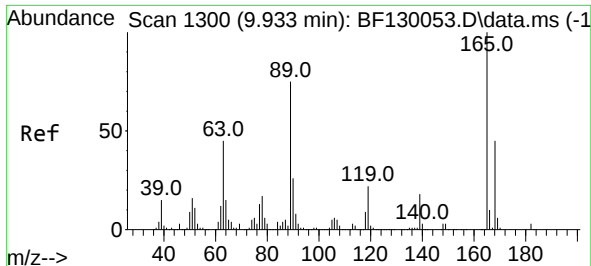
Ion Ratio Lower Upper

165 100

63 1.5 47.8 71.8#

89 1.1 47.2 70.8#

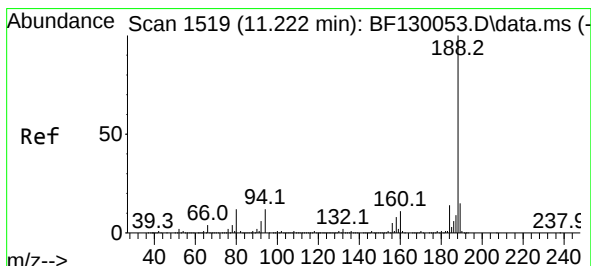
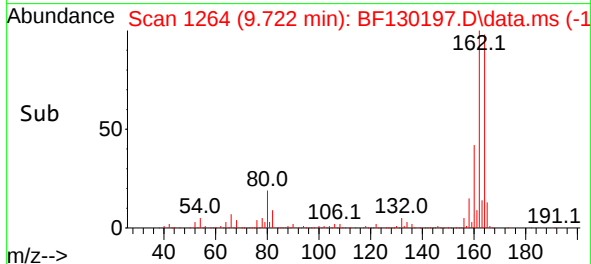
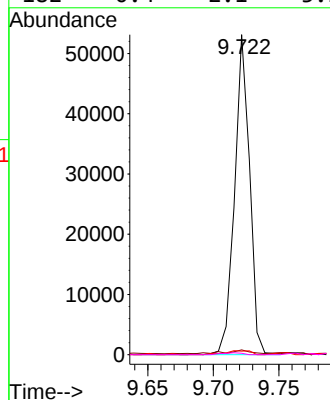
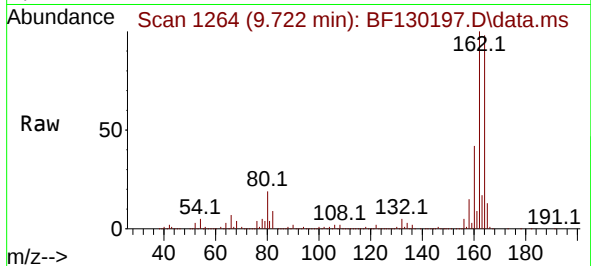




#57
2,4-Dinitrotoluene
Concen: 8.533 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130197.D
Acq: 09 Sep 2022 16:26

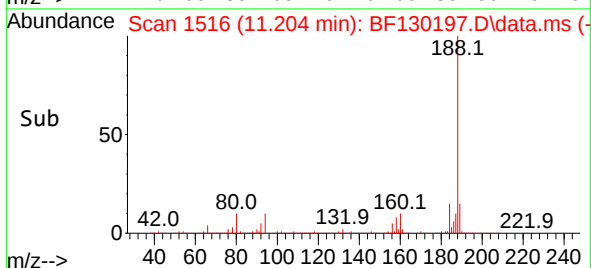
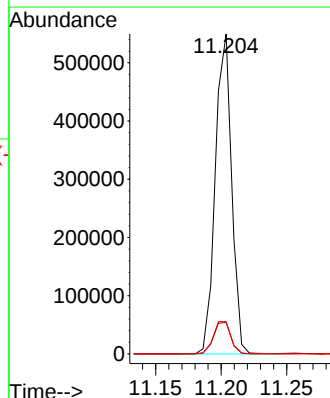
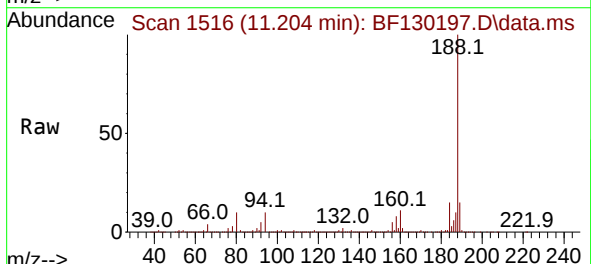
Instrument :
BNA_F
ClientSampleId :
MW-55

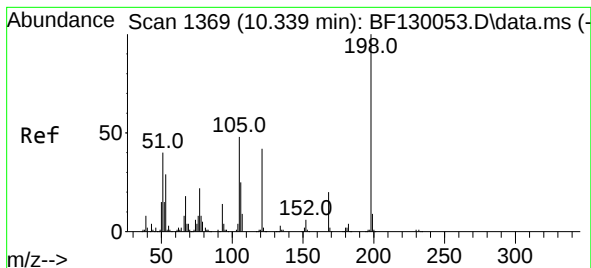
Tgt Ion:165 Resp: 42317
Ion Ratio Lower Upper
165 100
63 1.5 48.4 72.6#
89 1.1 62.3 93.5#
182 0.4 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF130197.D
Acq: 09 Sep 2022 16:26

Tgt Ion:188 Resp: 475331
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.1 7.9 11.9

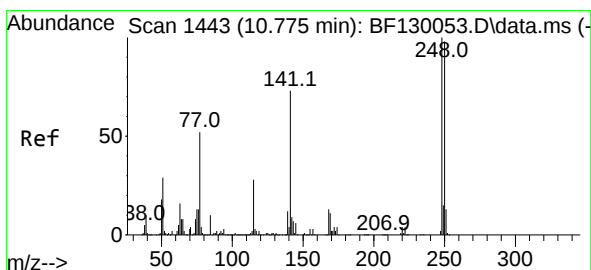
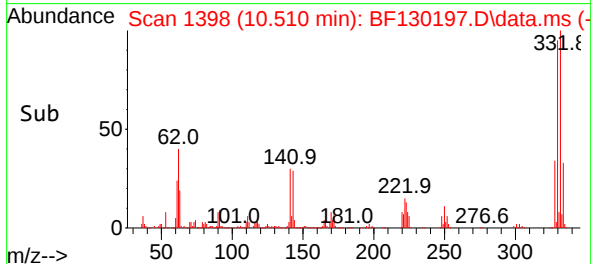
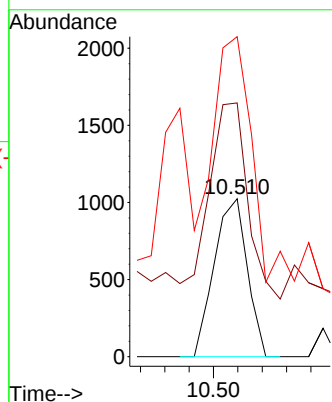
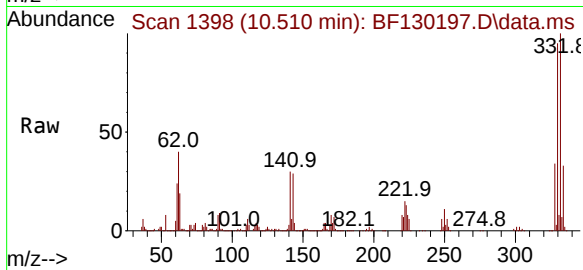




#65
4,6-Dinitro-2-methylphenol
Concen: 6.456 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.182 min
Lab File: BF130197.D
Acq: 09 Sep 2022 16:26

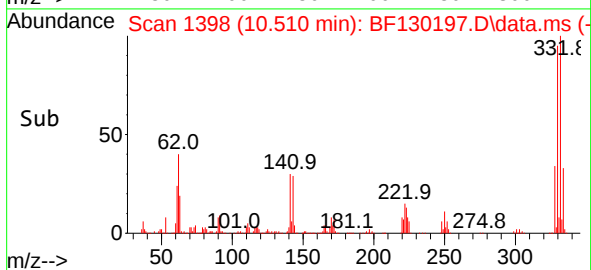
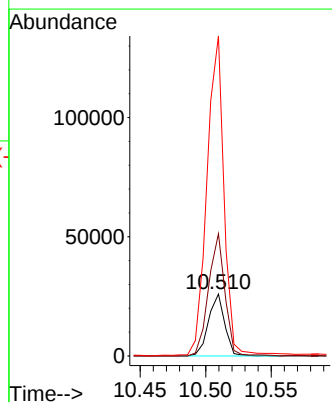
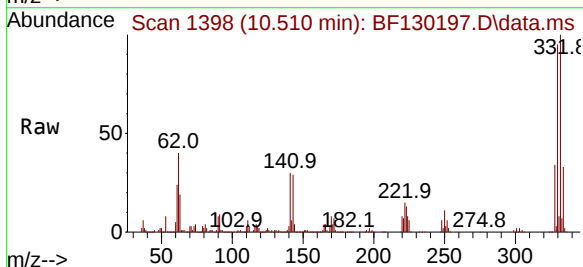
Instrument :
BNA_F
ClientSampleId :
MW-55

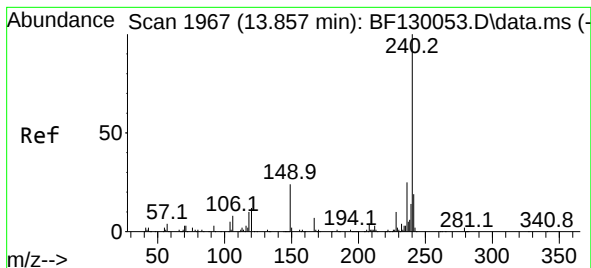
Tgt Ion:198 Resp: 963
Ion Ratio Lower Upper
198 100
51 160.7 29.4 69.4#
105 202.6 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 4.236 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.253 min
Lab File: BF130197.D
Acq: 09 Sep 2022 16:26

Tgt Ion:248 Resp: 22395
Ion Ratio Lower Upper
248 100
250 197.1 77.8 116.6#
141 516.2 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.833 min Scan# 1967

Delta R.T. -0.012 min

Lab File: BF130197.D

Acq: 09 Sep 2022 16:26

Instrument :

BNA_F

ClientSampleId :

MW-55

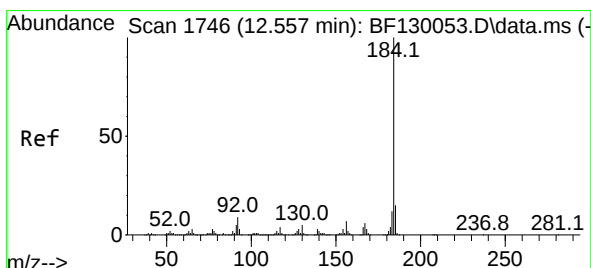
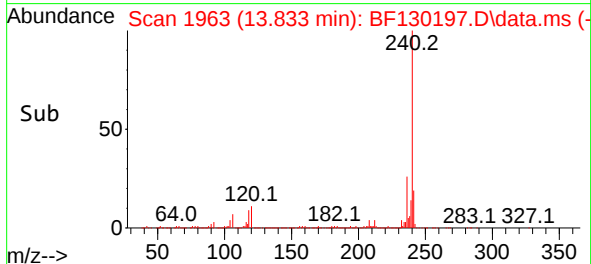
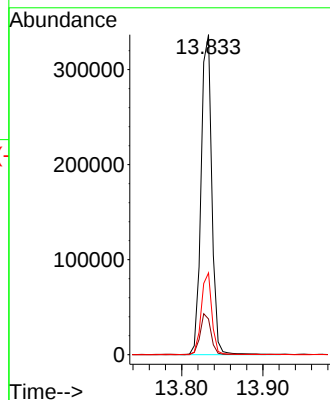
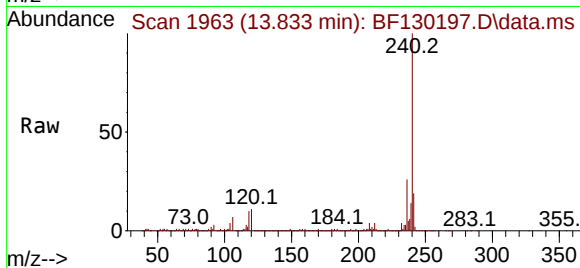
Tgt Ion:240 Resp: 309802

Ion Ratio Lower Upper

240 100

120 11.1 9.2 13.8

236 25.6 20.7 31.1



#77

Benidine

Concen: 2.675 ng

RT: 12.792 min Scan# 1786

Delta R.T. 0.247 min

Lab File: BF130197.D

Acq: 09 Sep 2022 16:26

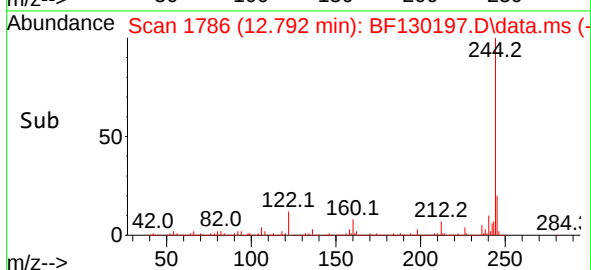
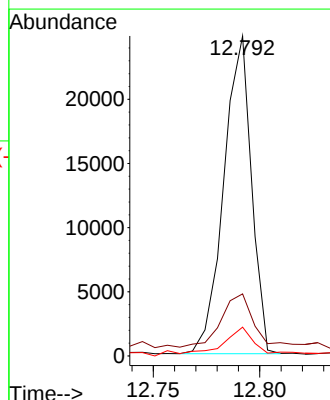
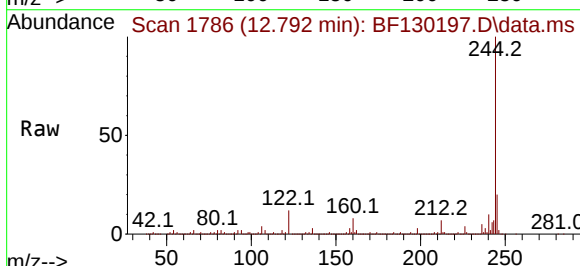
Tgt Ion:184 Resp: 22376

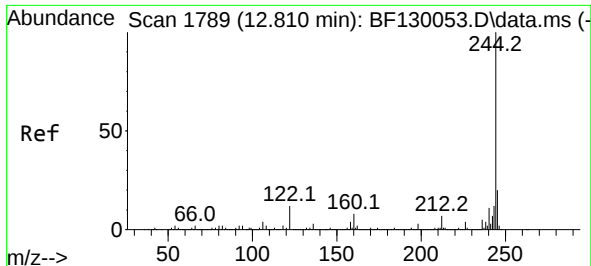
Ion Ratio Lower Upper

184 100

185 19.4 11.4 17.2#

183 9.0 9.4 14.2#

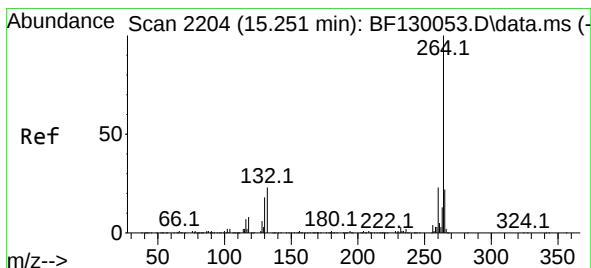
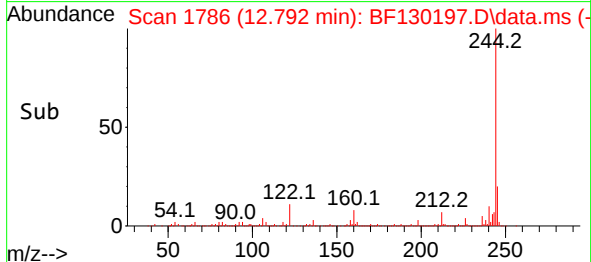
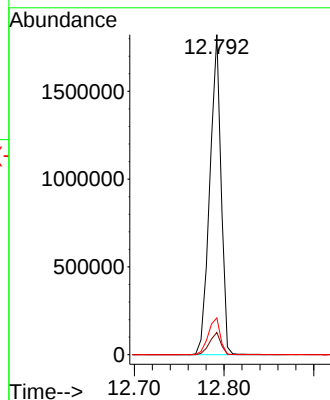
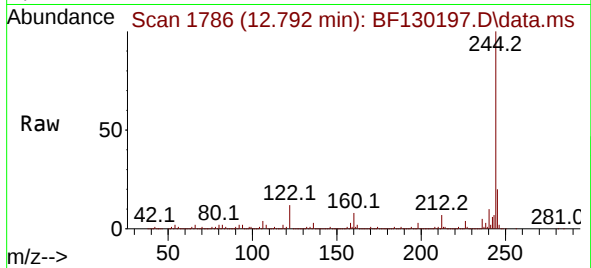




#79
 Terphenyl-d14
 Concen: 88.727 ng
 RT: 12.792 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130197.D
 Acq: 09 Sep 2022 16:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-55

Tgt Ion:244 Resp: 1585114
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.5 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: BF130197.D
 Acq: 09 Sep 2022 16:26

Tgt Ion:264 Resp: 365945
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 22.4 16.7 25.1

