

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130126.D
 Acq On : 02 Sep 2022 23:08
 Operator : CG\JU
 Sample : N4452-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-(22)

Quant Time: Sep 03 05:53:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

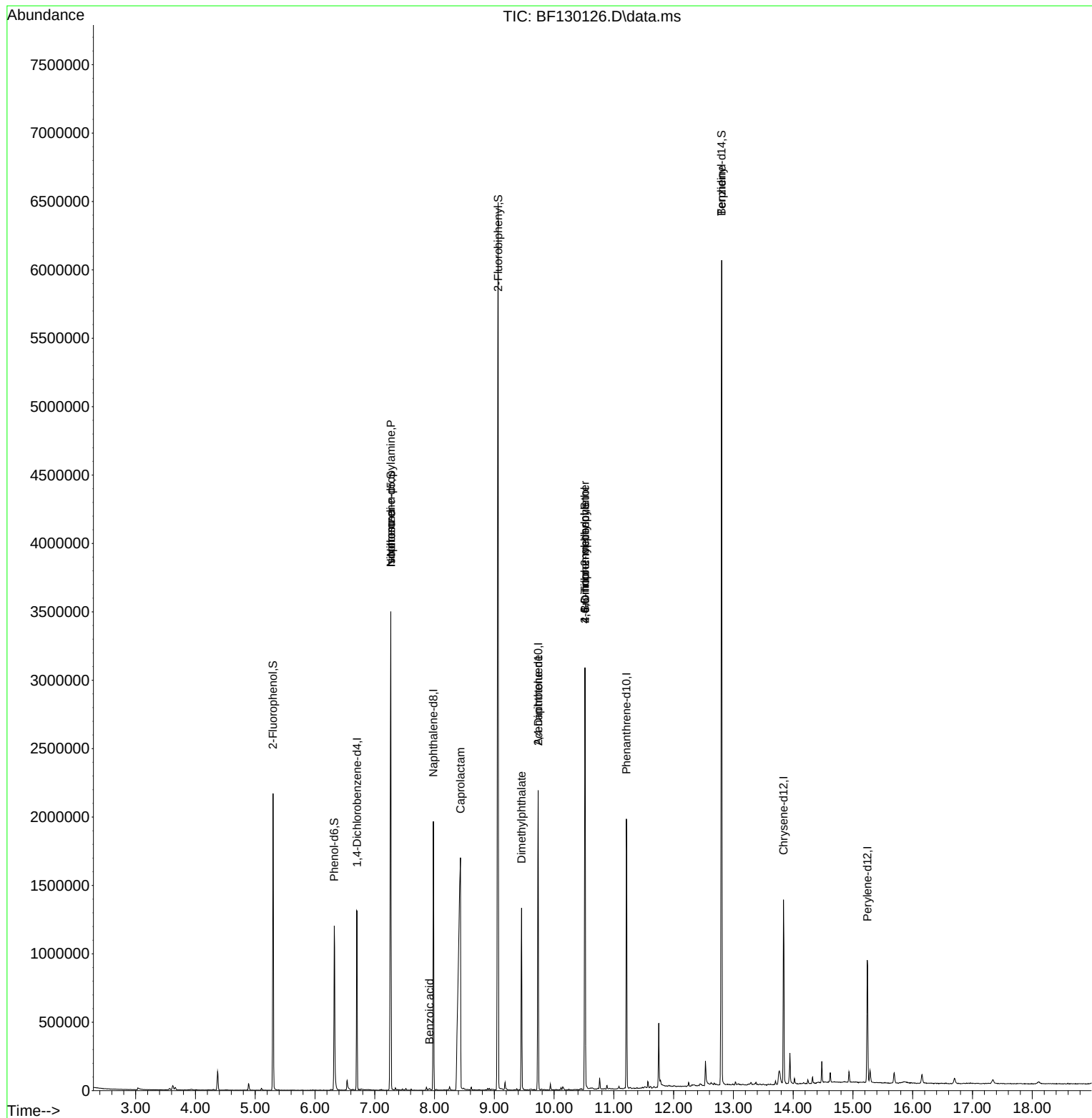
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	210789	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	827958	20.000	ng	-0.01
39) Acenaphthene-d10	9.733	164	436274	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	703345	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	417062	20.000	ng	#-0.02
86) Perylene-d12	15.245	264	378171	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	584108	47.043	ng	-0.01
7) Phenol-d6	6.322	99	472219	30.506	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1181803	91.732	ng	-0.01
42) 2,4,6-Tribromophenol	10.516	330	366465	92.278	ng	-0.02
45) 2-Fluorobiphenyl	9.063	172	2116623	80.437	ng	0.00
79) Terphenyl-d14	12.804	244	2093780	87.058	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	155100	16.631	ng	# 73
25) Isophorone	7.269	82	1179205	45.222	ng	# 65
32) Benzoic acid	7.916	122	2248	6.789	ng	# 79
35) Caprolactam	8.434	113	497583	137.198	ng	88
50) Dimethylphthalate	9.457	163	492944	16.589	ng	99
57) 2,4-Dinitrotoluene	9.733	165	56332	8.445	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.516	198	850	6.304	ng	# 1
67) 4-Bromophenyl-phenylether	10.516	248	22355	2.857	ng	# 1
77) Benzidine	12.804	184	28474	2.529	ng	# 94

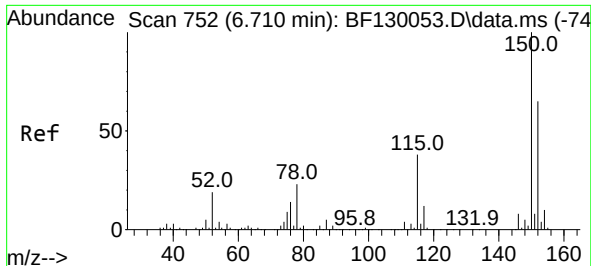
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
Data File : BF130126.D
Acq On : 02 Sep 2022 23:08
Operator : CG\JU
Sample : N4452-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-(22)

Quant Time: Sep 03 05:53:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 18:15:32 2022
Response via : Initial Calibration

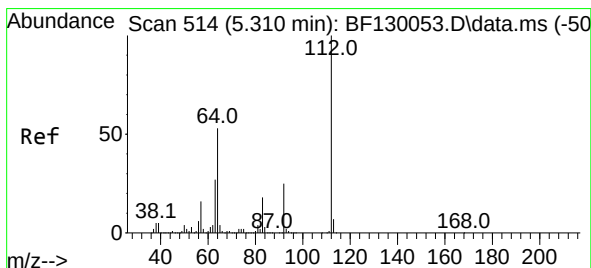
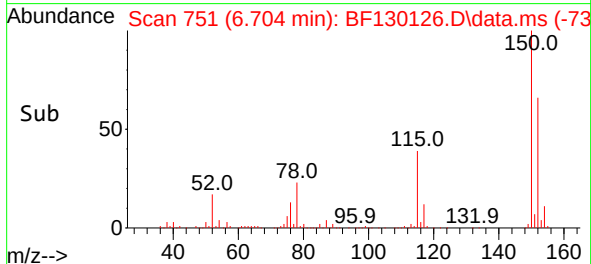
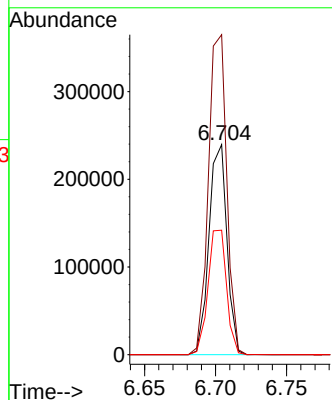
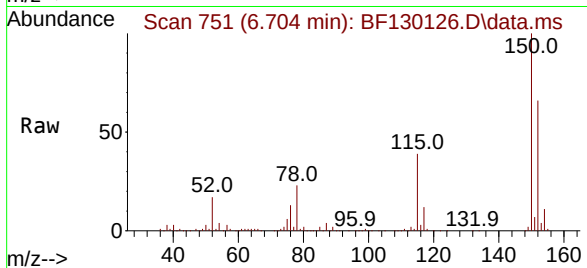




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130126.D
 Acq: 02 Sep 2022 23:08

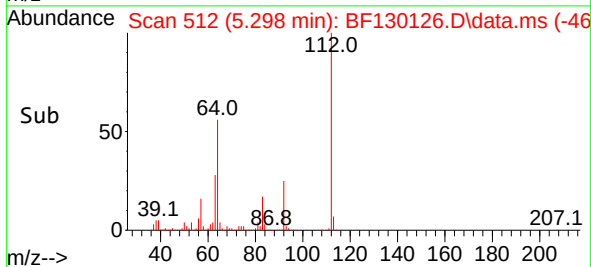
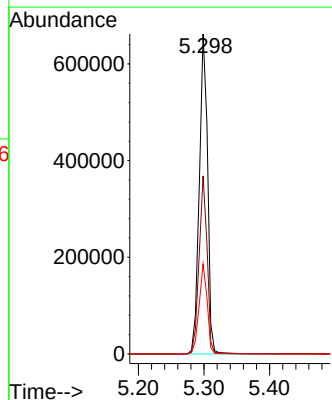
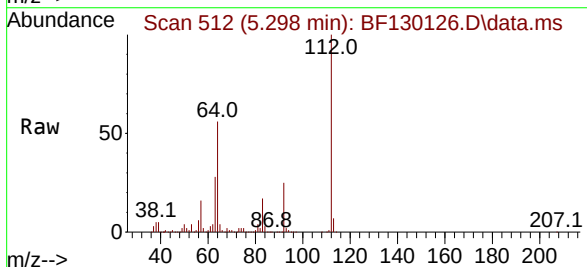
Instrument :
 BNA_F
 ClientSampleId :
 MW-2-(22)

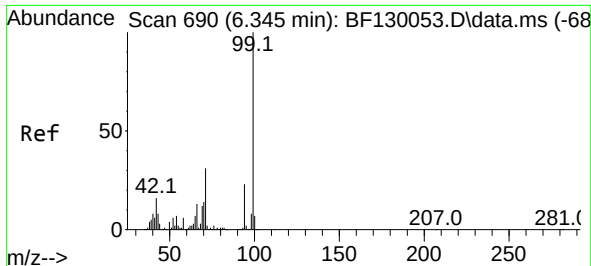
Tgt Ion:152 Resp: 210789
 Ion Ratio Lower Upper
 152 100
 150 152.3 126.9 190.3
 115 59.2 53.4 80.0



#5
 2-Fluorophenol
 Concen: 47.043 ng
 RT: 5.298 min Scan# 512
 Delta R.T. -0.012 min
 Lab File: BF130126.D
 Acq: 02 Sep 2022 23:08

Tgt Ion:112 Resp: 584108
 Ion Ratio Lower Upper
 112 100
 64 55.7 47.6 71.4
 63 28.2 24.6 37.0

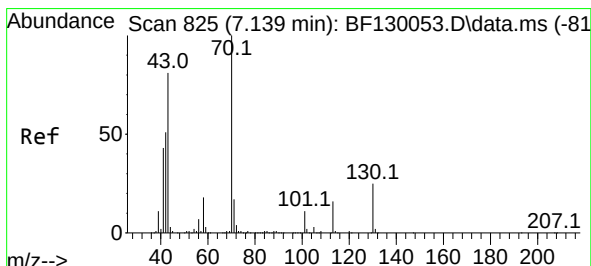
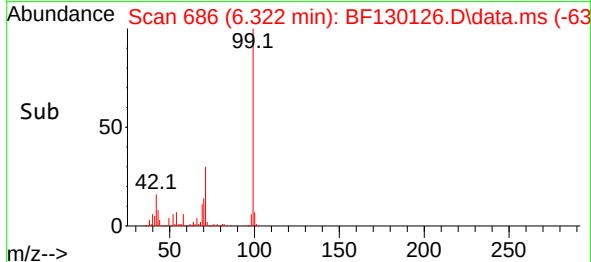
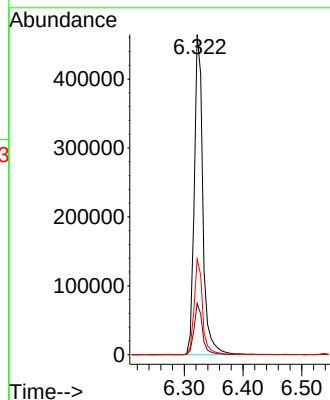
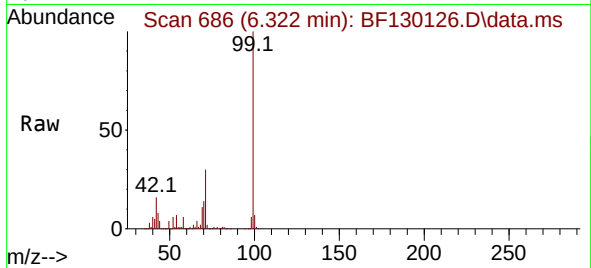




#7
Phenol-d6
Concen: 30.506 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.023 min
Lab File: BF130126.D
Acq: 02 Sep 2022 23:08

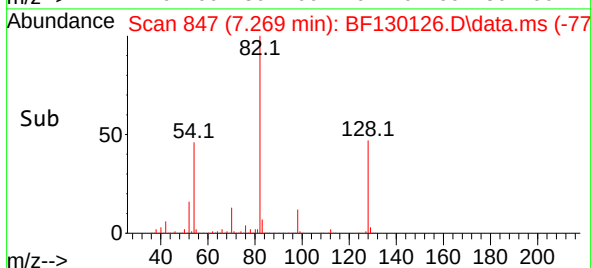
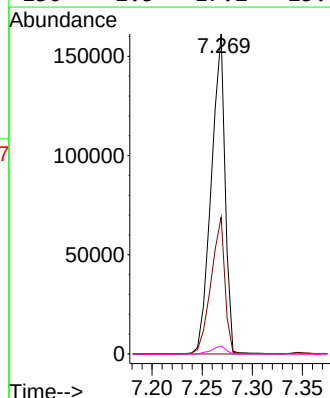
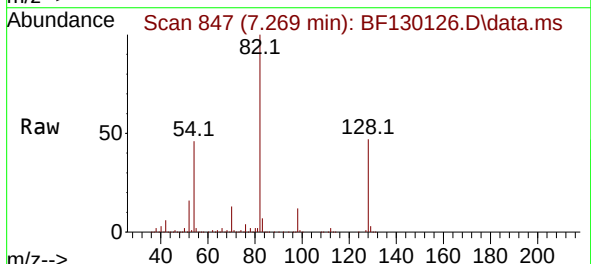
Instrument :
BNA_F
ClientSampleId :
MW-2-(22)

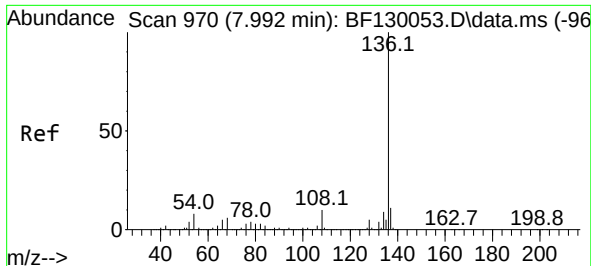
Tgt Ion: 99 Resp: 472219
Ion Ratio Lower Upper
99 100
42 16.0 15.0 22.4
71 29.9 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.631 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130126.D
Acq: 02 Sep 2022 23:08

Tgt Ion: 70 Resp: 155100
Ion Ratio Lower Upper
70 100
42 42.8 47.6 71.4#
101 0.0 8.1 12.1#
130 2.5 17.2 25.8#

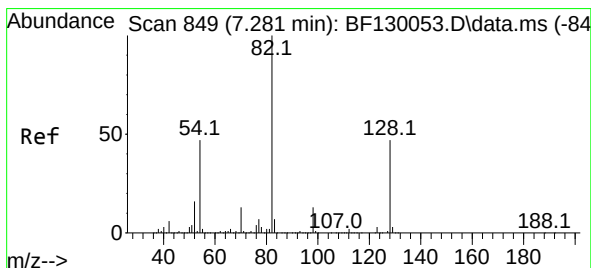
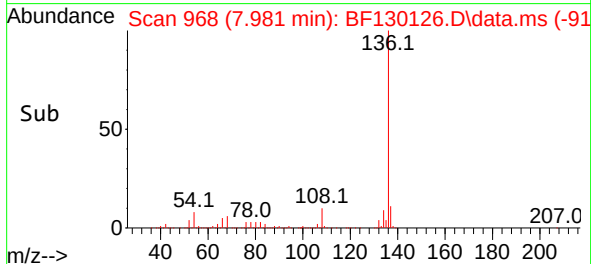
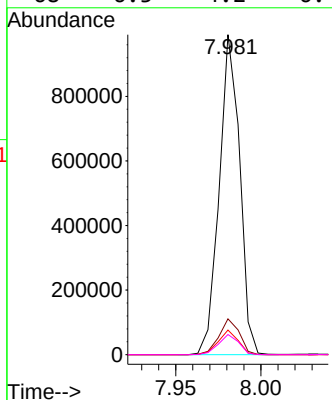
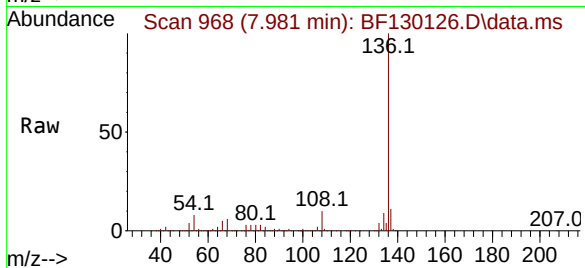




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130126.D
Acq: 02 Sep 2022 23:08

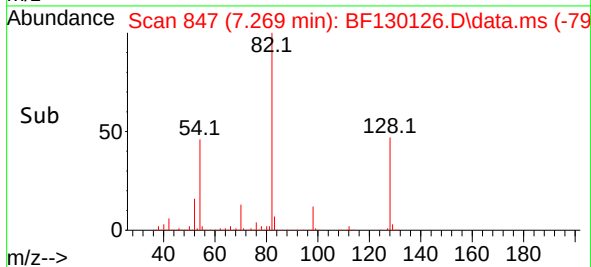
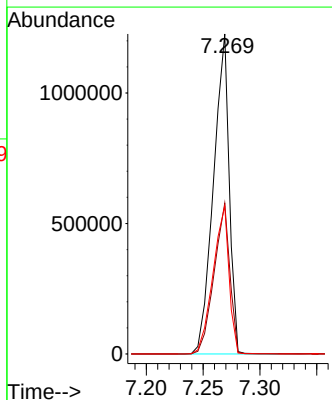
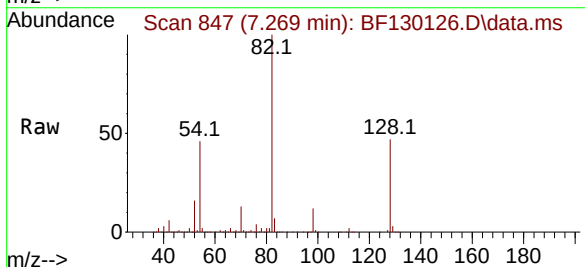
Instrument :
BNA_F
ClientSampleId :
MW-2-(22)

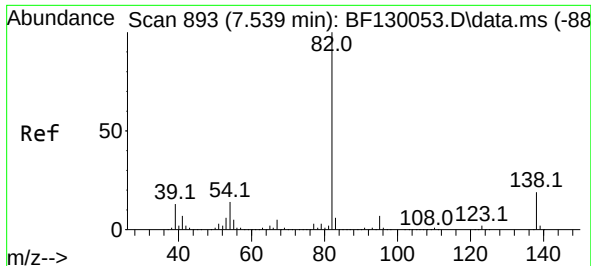
Tgt Ion:136 Resp: 827958
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.7 6.2 9.2
68 6.3 4.2 6.4



#23
Nitrobenzene-d5
Concen: 91.732 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130126.D
Acq: 02 Sep 2022 23:08

Tgt Ion: 82 Resp: 1181803
Ion Ratio Lower Upper
82 100
128 47.1 36.1 54.1
54 46.3 40.0 60.0





#25

Isophorone

Concen: 45.222 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.271 min

Lab File: BF130126.D

Acq: 02 Sep 2022 23:08

Instrument :

BNA_F

ClientSampleId :

MW-2-(22)

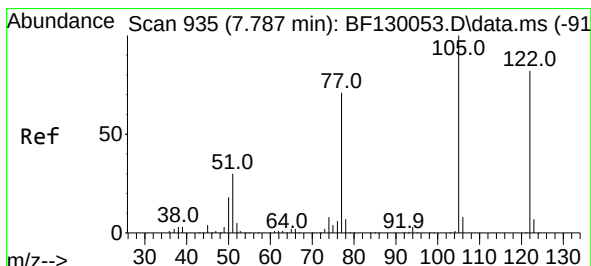
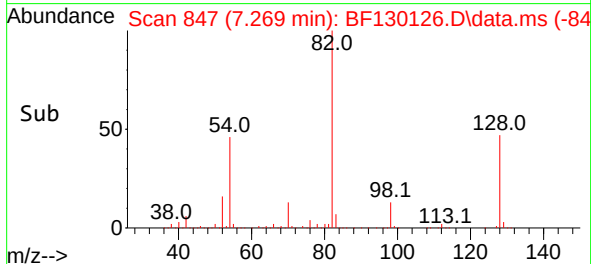
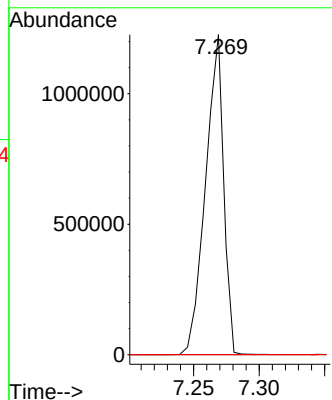
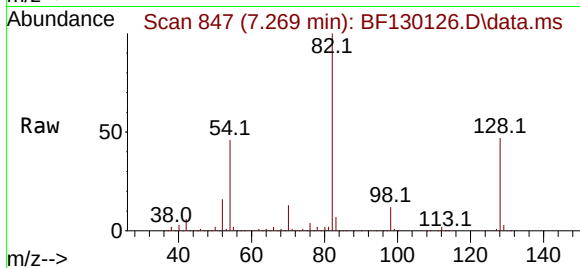
Tgt Ion: 82 Resp: 1179205

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#



#32

Benzoic acid

Concen: 6.789 ng

RT: 7.916 min Scan# 957

Delta R.T. 0.129 min

Lab File: BF130126.D

Acq: 02 Sep 2022 23:08

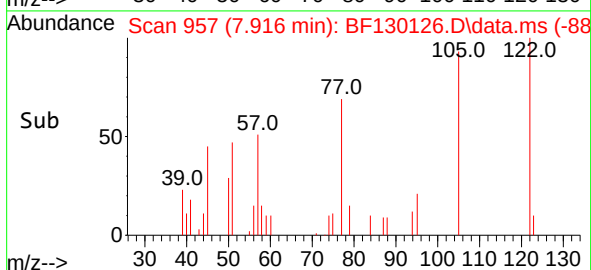
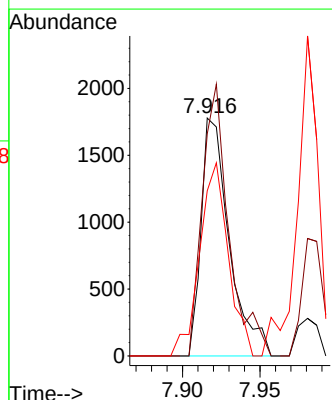
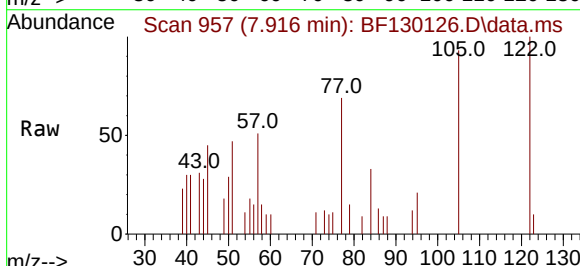
Tgt Ion:122 Resp: 2248

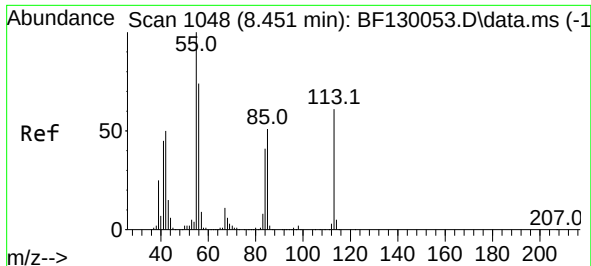
Ion Ratio Lower Upper

122 100

105 93.3 99.9 139.9#

77 69.4 65.9 105.9

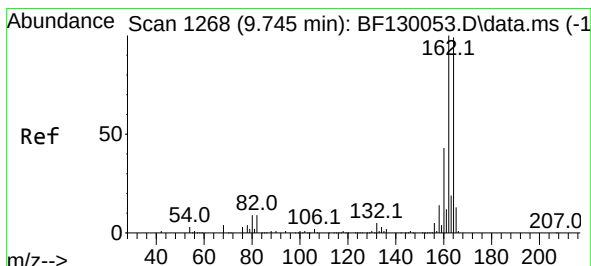
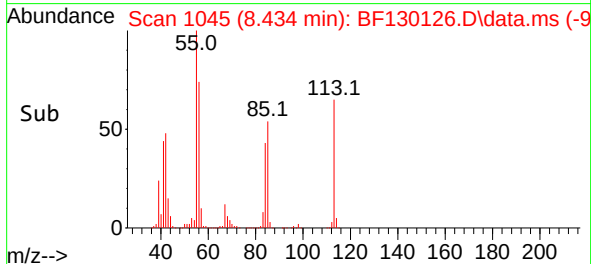
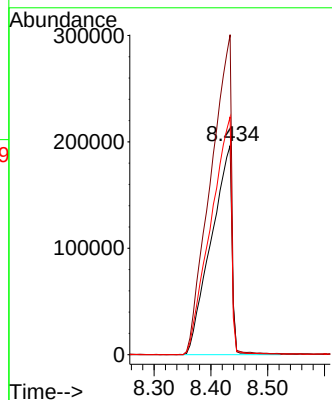
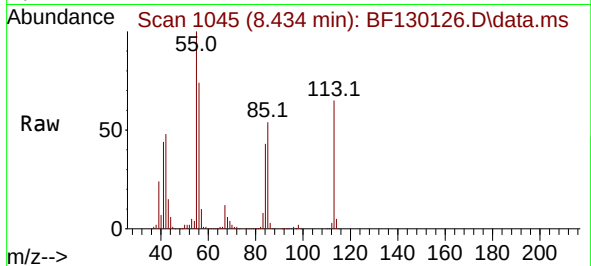




#35
 Caprolactam
 Concen: 137.198 ng
 RT: 8.434 min Scan# 1045
 Delta R.T. -0.018 min
 Lab File: BF130126.D
 Acq: 02 Sep 2022 23:08

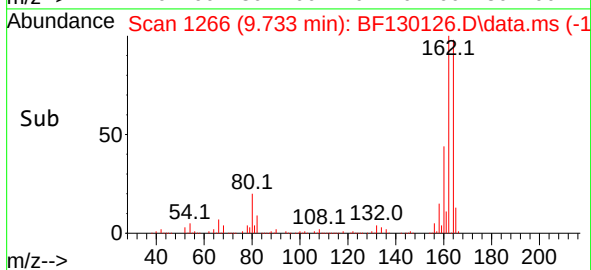
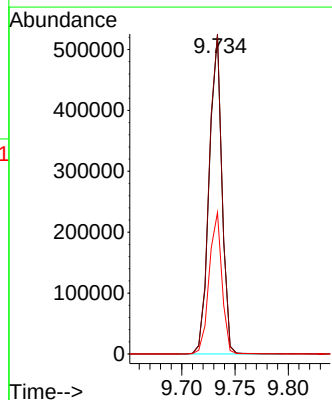
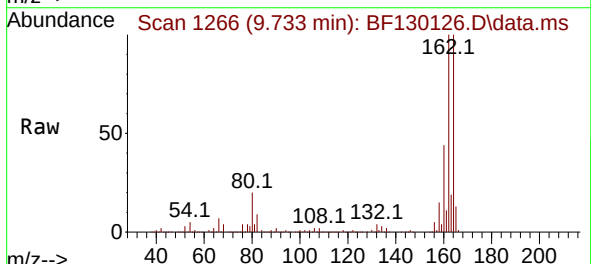
Instrument :
 BNA_F
 ClientSampleId :
 MW-2-(22)

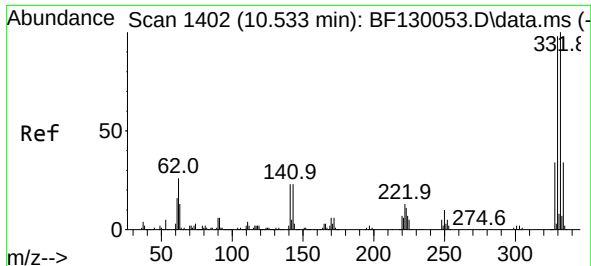
Tgt Ion:113 Resp: 497583
 Ion Ratio Lower Upper
 113 100
 55 153.1 148.8 188.8
 56 113.8 109.1 149.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.733 min Scan# 1266
 Delta R.T. -0.011 min
 Lab File: BF130126.D
 Acq: 02 Sep 2022 23:08

Tgt Ion:164 Resp: 436274
 Ion Ratio Lower Upper
 164 100
 162 100.2 82.0 123.0
 160 44.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 92.278 ng

RT: 10.516 min Scan# 1139

Delta R.T. -0.018 min

Lab File: BF130126.D

Acq: 02 Sep 2022 23:08

Instrument :

BNA_F

ClientSampleId :

MW-2-(22)

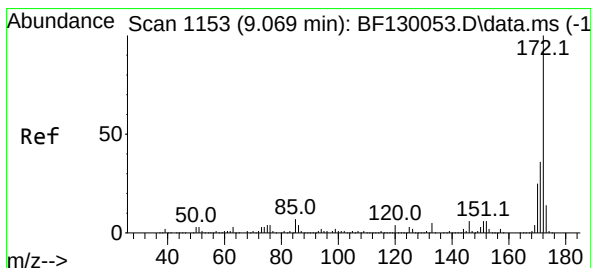
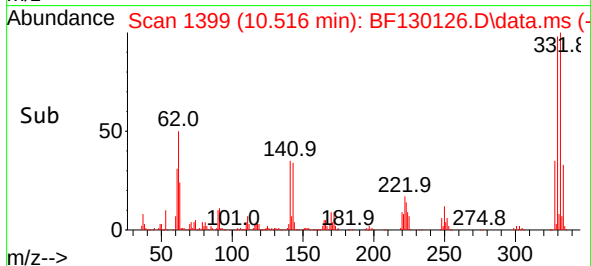
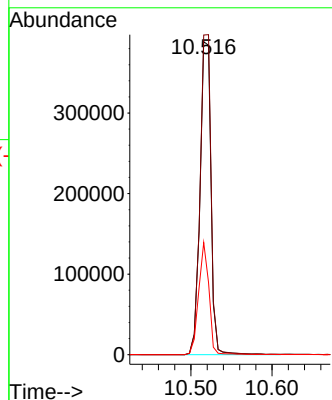
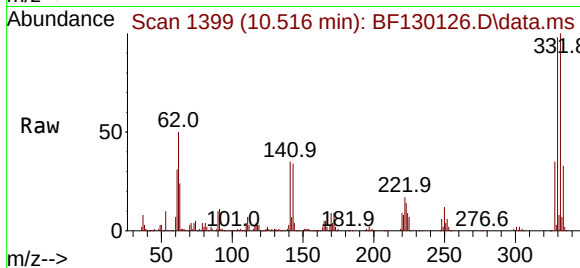
Tgt Ion:330 Resp: 366465

Ion Ratio Lower Upper

330 100

332 102.5 82.6 124.0

141 33.8 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 80.437 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130126.D

Acq: 02 Sep 2022 23:08

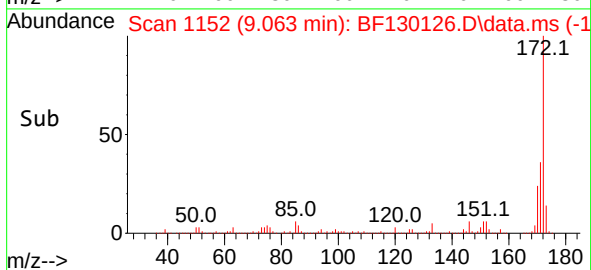
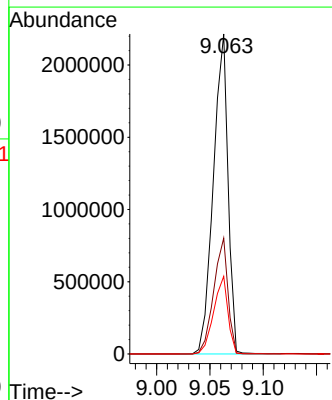
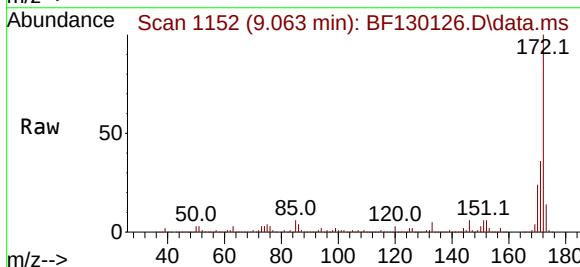
Tgt Ion:172 Resp: 2116623

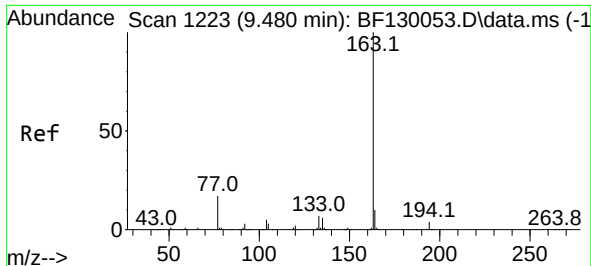
Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.3 19.1 28.7

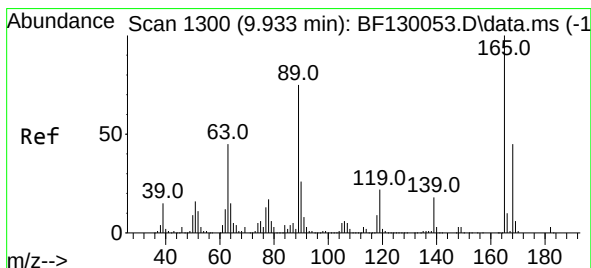
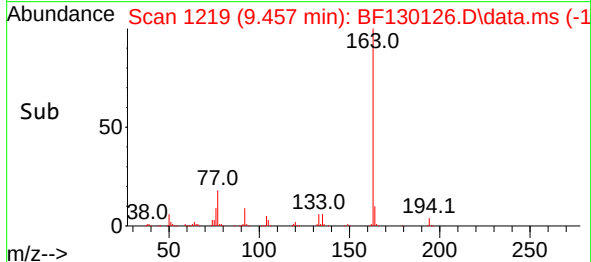
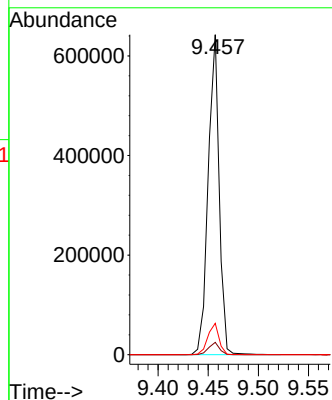
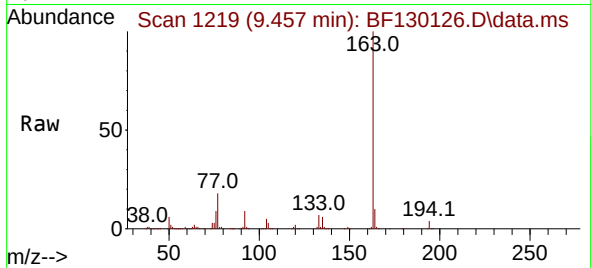




#50
Dimethylphthalate
Concen: 16.589 ng
RT: 9.457 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF130126.D
Acq: 02 Sep 2022 23:08

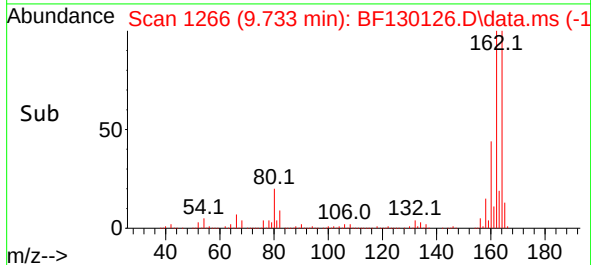
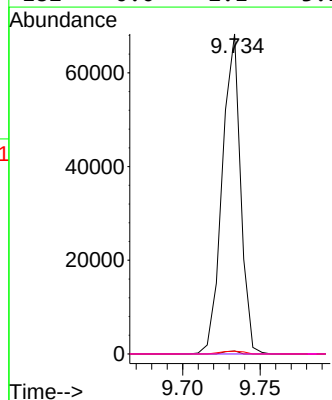
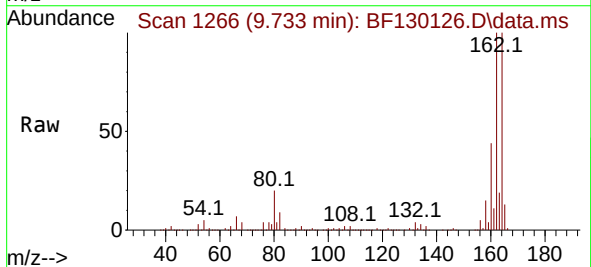
Instrument :
BNA_F
ClientSampleId :
MW-2-(22)

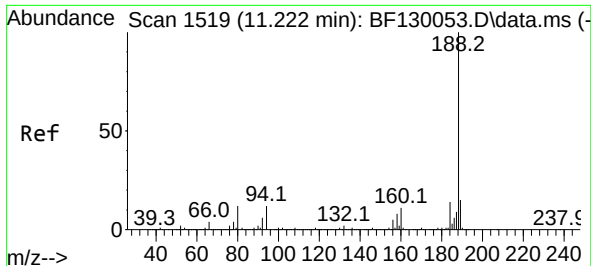
Tgt Ion:163 Resp: 492944
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.8 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 8.445 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.200 min
Lab File: BF130126.D
Acq: 02 Sep 2022 23:08

Tgt Ion:165 Resp: 56332
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 0.9 62.3 93.5#
182 0.0 2.1 3.1#

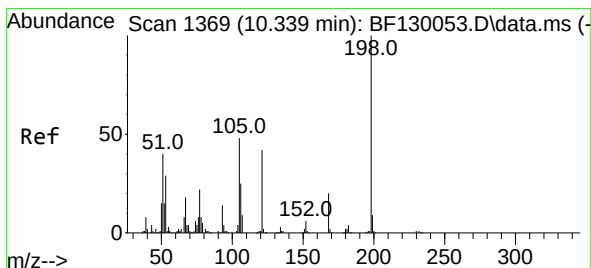
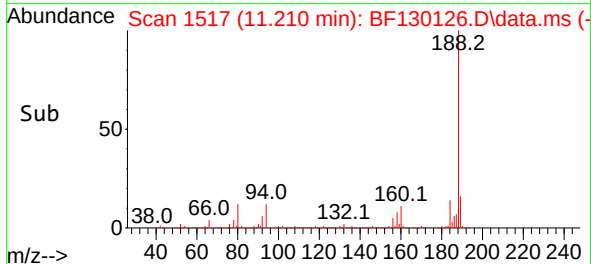
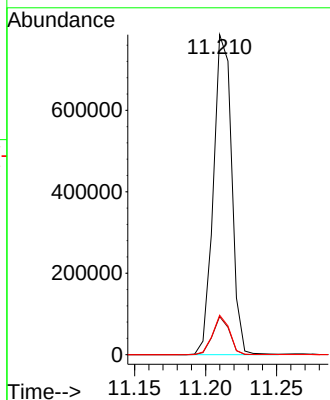
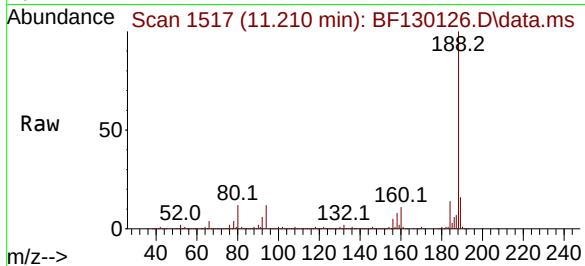




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130126.D
Acq: 02 Sep 2022 23:08

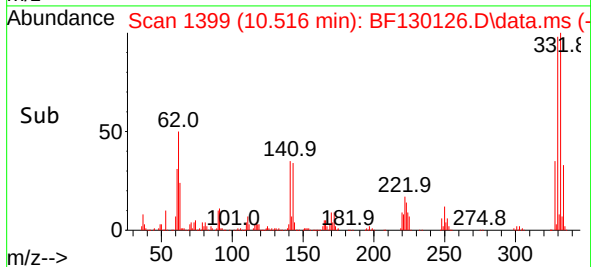
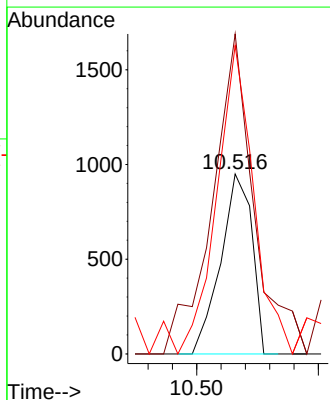
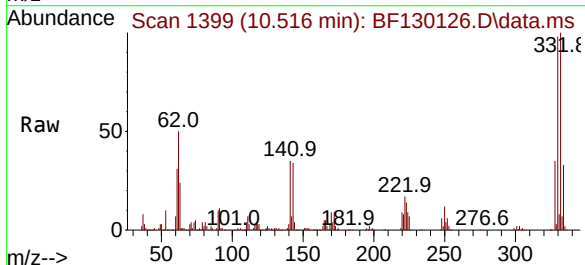
Instrument :
BNA_F
ClientSampleId :
MW-2-(22)

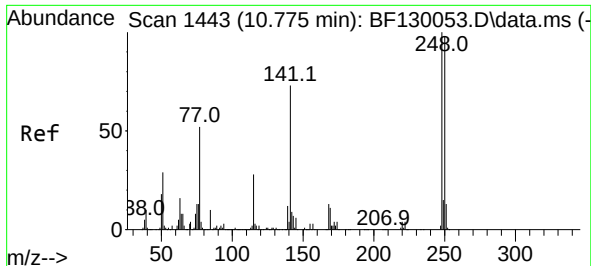
Tgt Ion:188 Resp: 703345
Ion Ratio Lower Upper
188 100
94 11.9 7.4 11.2#
80 12.4 7.9 11.9#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.304 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.177 min
Lab File: BF130126.D
Acq: 02 Sep 2022 23:08

Tgt Ion:198 Resp: 850
Ion Ratio Lower Upper
198 100
51 177.8 29.4 69.4#
105 171.4 29.2 69.2#

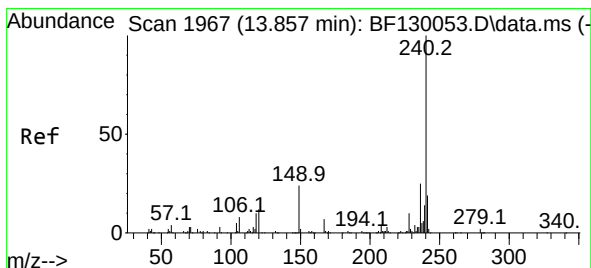
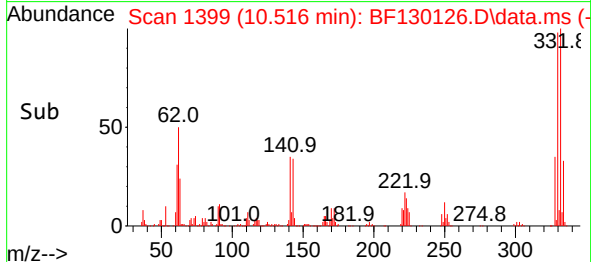
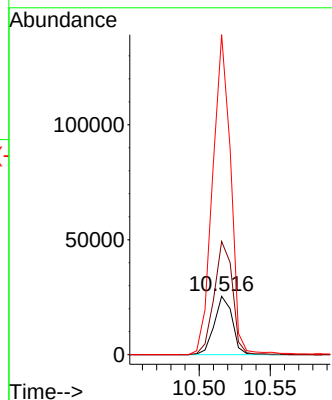
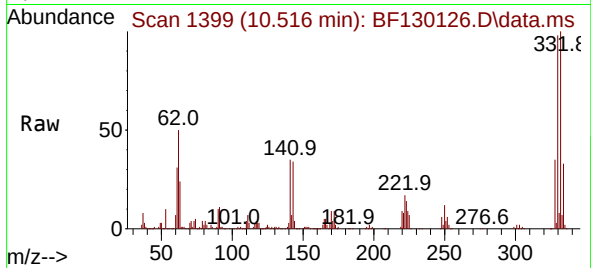




#67
4-Bromophenyl-phenylether
Concen: 2.857 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.259 min
Lab File: BF130126.D
Acq: 02 Sep 2022 23:08

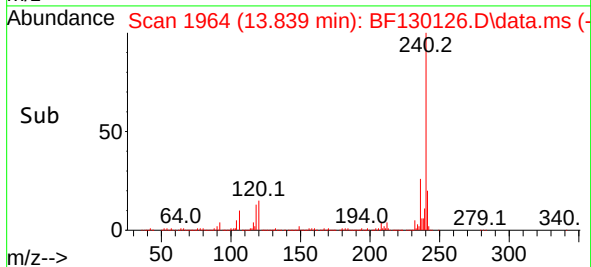
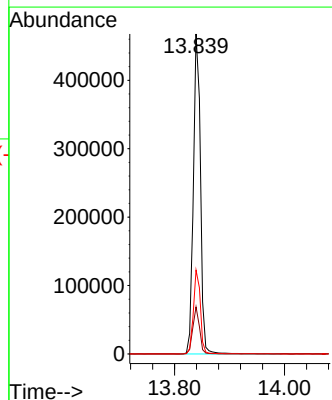
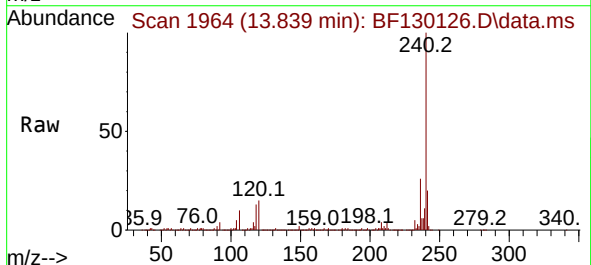
Instrument :
BNA_F
ClientSampleId :
MW-2-(22)

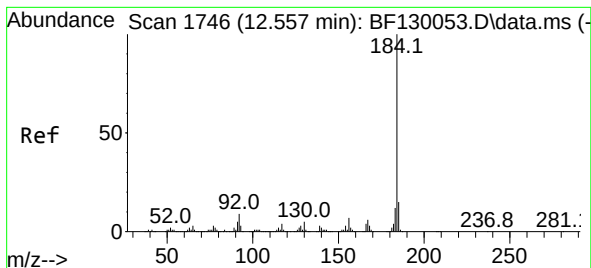
Tgt Ion:248 Resp: 22355
Ion Ratio Lower Upper
248 100
250 193.7 77.8 116.6#
141 547.2 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130126.D
Acq: 02 Sep 2022 23:08

Tgt Ion:240 Resp: 417062
Ion Ratio Lower Upper
240 100
120 14.7 9.2 13.8#
236 26.2 20.7 31.1





#77

Benzidine

Concen: 2.529 ng

RT: 12.804 min Scan# 1788

Delta R.T. 0.247 min

Lab File: BF130126.D

Acq: 02 Sep 2022 23:08

Instrument :

BNA_F

ClientSampleId :

MW-2-(22)

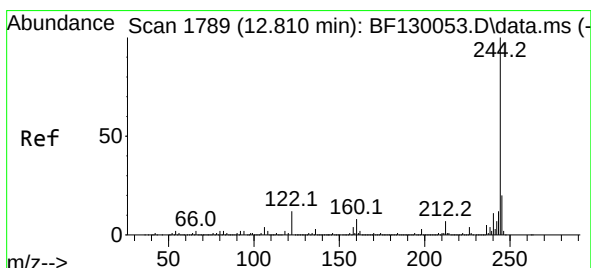
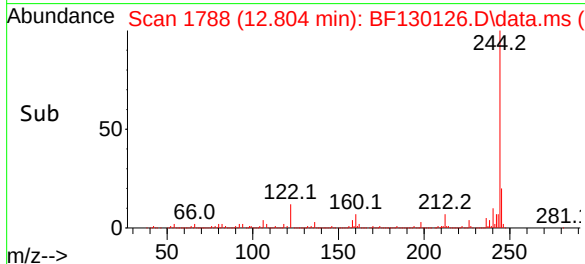
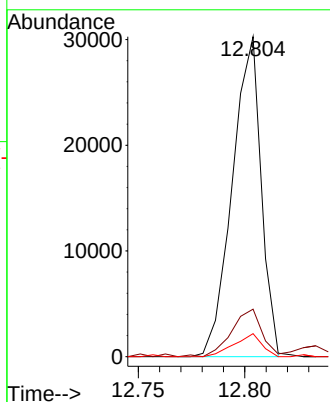
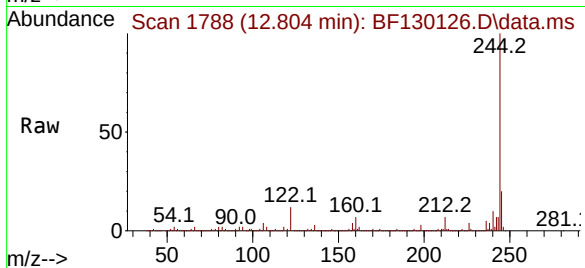
Tgt Ion:184 Resp: 28474

Ion Ratio Lower Upper

184 100

185 14.9 11.4 17.2

183 7.2 9.4 14.2#



#79

Terphenyl-d14

Concen: 87.058 ng

RT: 12.804 min Scan# 1788

Delta R.T. -0.006 min

Lab File: BF130126.D

Acq: 02 Sep 2022 23:08

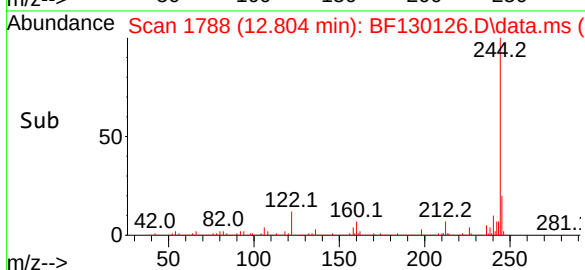
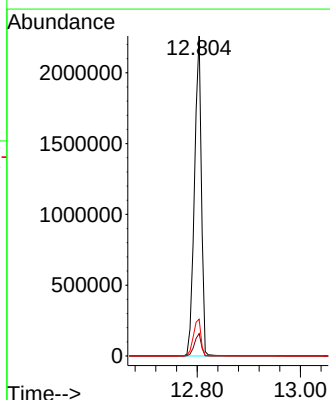
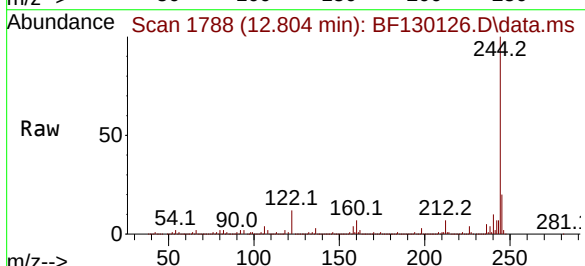
Tgt Ion:244 Resp: 2093780

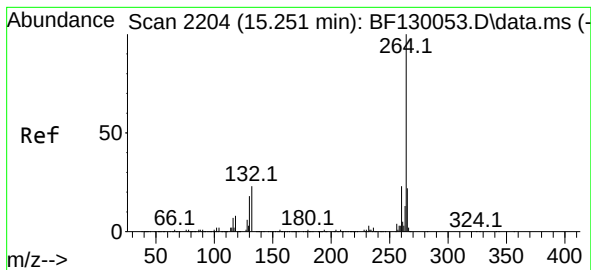
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 11.5 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.245 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130126.D

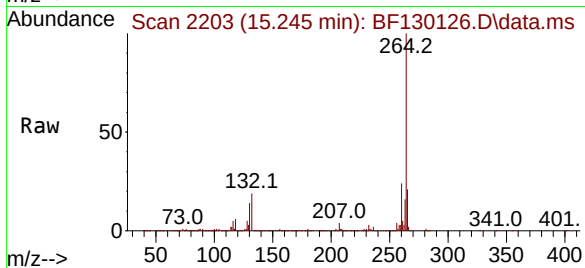
Acq: 02 Sep 2022 23:08

Instrument :

BNA_F

ClientSampleId :

MW-2-(22)



Tgt Ion:264 Resp: 378171

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 20.7 16.7 25.1

