

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130124.D
 Acq On : 02 Sep 2022 22:06
 Operator : CG\JU
 Sample : N4437-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-(17)

Quant Time: Sep 03 05:52:47 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)

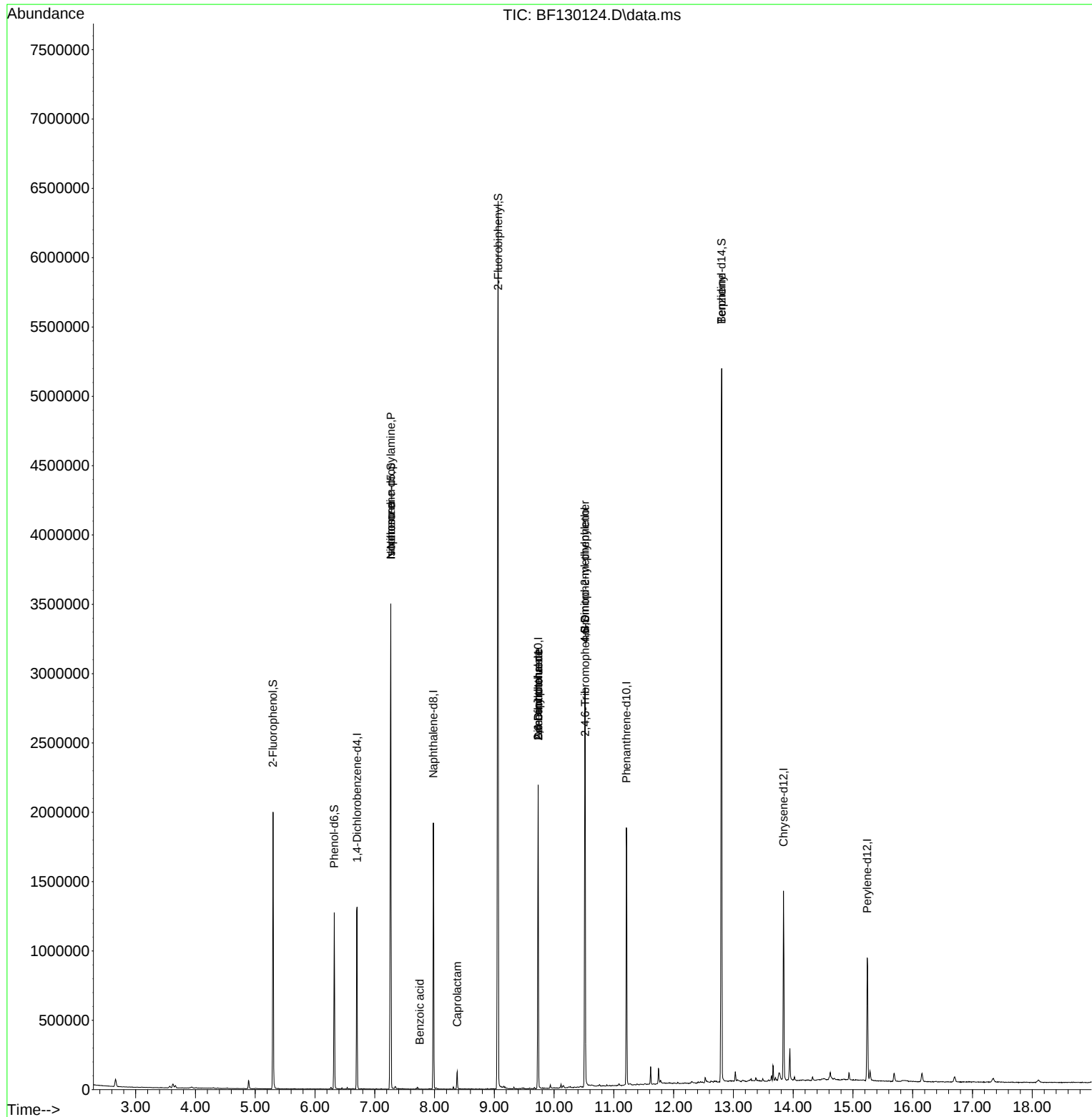
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	206607	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	815267	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	423886	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	678226	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	405293	20.000	ng	#-0.02
86) Perylene-d12	15.239	264	380907	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	524208	43.073	ng	-0.01
7) Phenol-d6	6.322	99	393890	25.960	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1204512	94.950	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	343615	89.053	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2109417	82.506	ng	0.00
79) Terphenyl-d14	12.804	244	1880342	80.454	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	156572	17.129	ng	# 73
25) Isophorone	7.269	82	1200653	46.762	ng	# 65
32) Benzoic acid	7.751	122	53	6.577	ng	# 48
35) Caprolactam	8.381	113	14058	3.937	ng	88
50) Dimethylphthalate	9.733	163	78378	2.715	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	55371	9.837	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	55371	8.544	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.516	198	851	6.313	ng	# 1
67) 4-Bromophenyl-phenylether	10.516	248	21921	2.906	ng	# 1
77) Benzidine	12.804	184	26549	2.426	ng	# 92

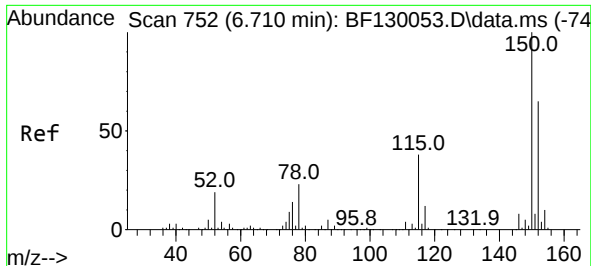
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
Data File : BF130124.D
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Misc :
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MW-2-(17)

Quant Time: Sep 03 05:52:47 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

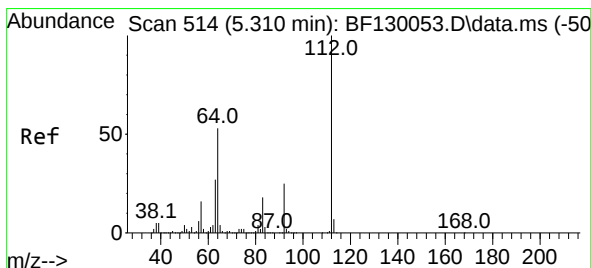
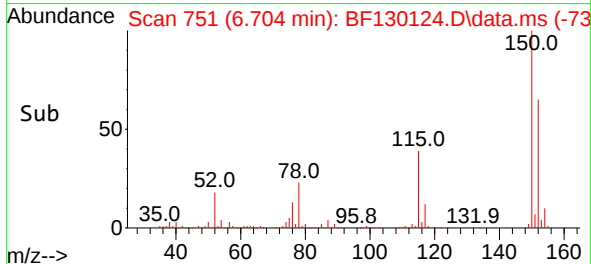
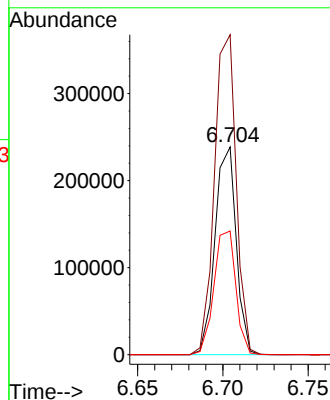
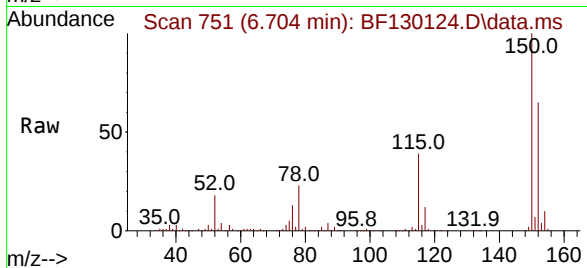




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130124.D
 Acq: 02 Sep 2022 22:06

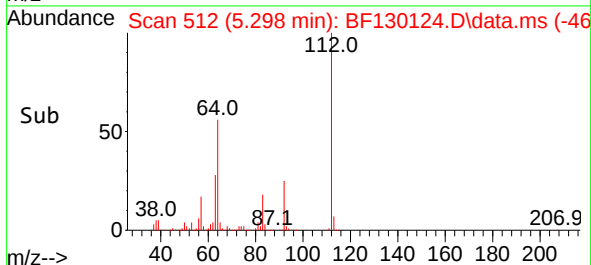
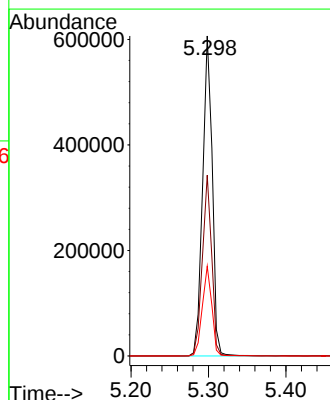
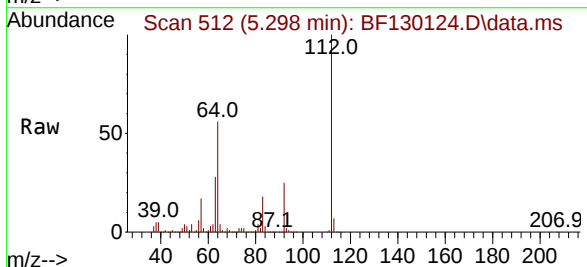
Instrument :
 BNA_F
 ClientSampleId :
 MW-2-(17)

Tgt Ion:152 Resp: 206607
 Ion Ratio Lower Upper
 152 100
 150 154.0 126.9 190.3
 115 59.5 53.4 80.0



#5
 2-Fluorophenol
 Concen: 43.073 ng
 RT: 5.298 min Scan# 512
 Delta R.T. -0.012 min
 Lab File: BF130124.D
 Acq: 02 Sep 2022 22:06

Tgt Ion:112 Resp: 524208
 Ion Ratio Lower Upper
 112 100
 64 56.5 47.6 71.4
 63 28.0 24.6 37.0

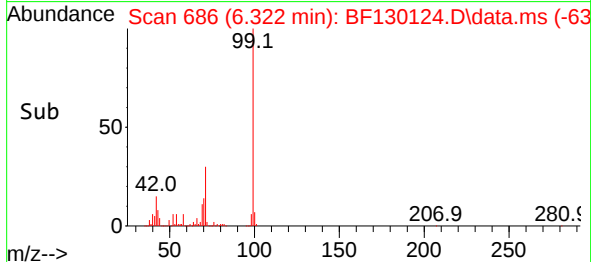
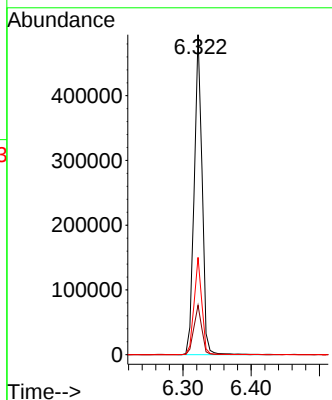
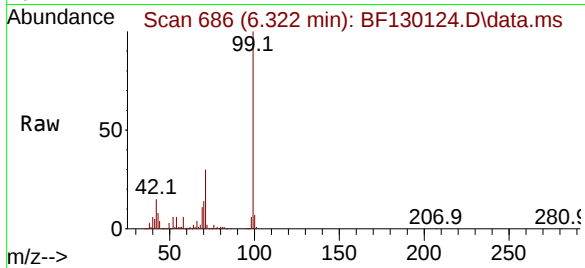




#7
Phenol-d6
Concen: 25.960 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.024 min
Lab File: BF130124.D
Acq: 02 Sep 2022 22:06

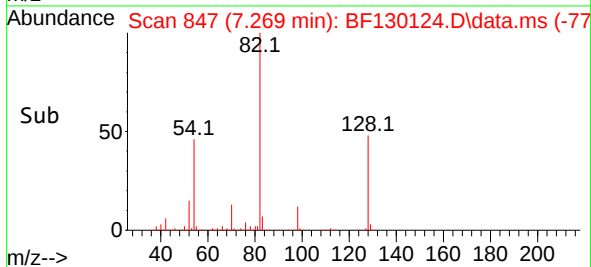
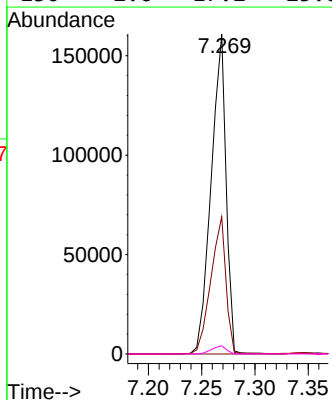
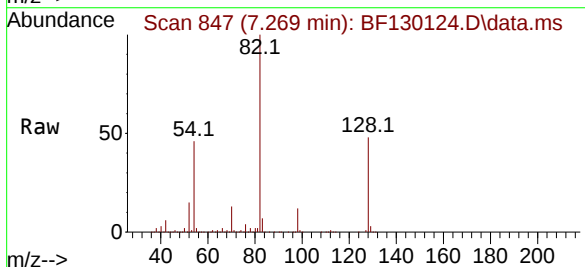
Instrument :
BNA_F
ClientSampleId :
MW-2-(17)

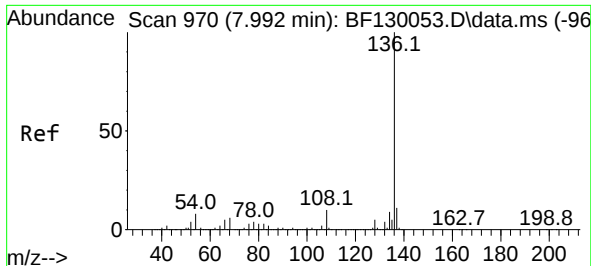
Tgt Ion: 99 Resp: 393890
Ion Ratio Lower Upper
99 100
42 15.4 15.0 22.4
71 30.4 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.129 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130124.D
Acq: 02 Sep 2022 22:06

Tgt Ion: 70 Resp: 156572
Ion Ratio Lower Upper
70 100
42 42.8 47.6 71.4#
101 0.0 8.1 12.1#
130 2.6 17.2 25.8#

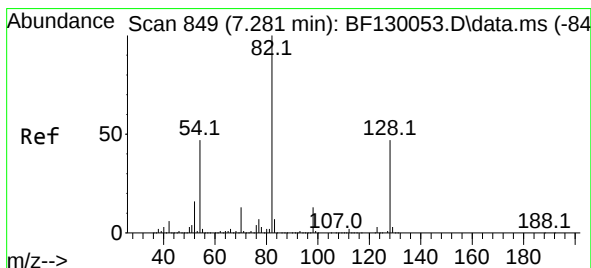
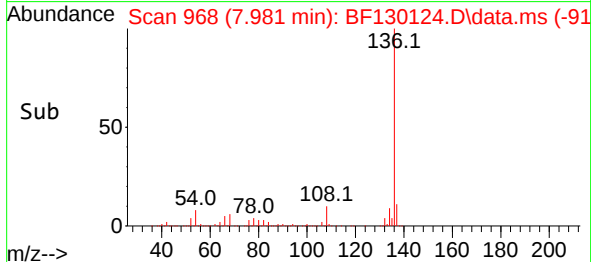
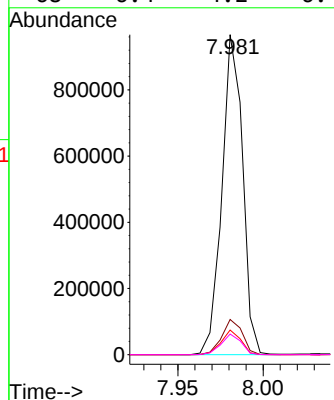
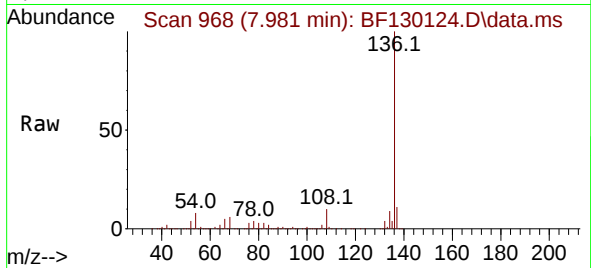




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130124.D
Acq: 02 Sep 2022 22:06

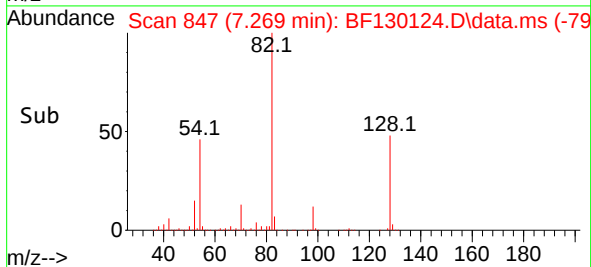
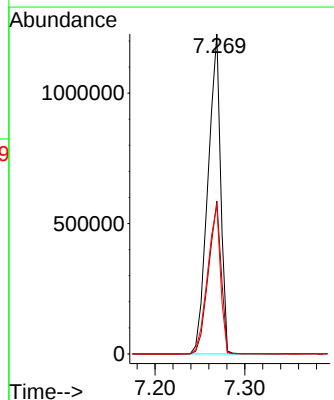
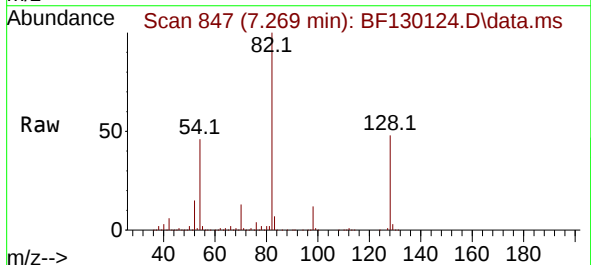
Instrument :
BNA_F
ClientSampleId :
MW-2-(17)

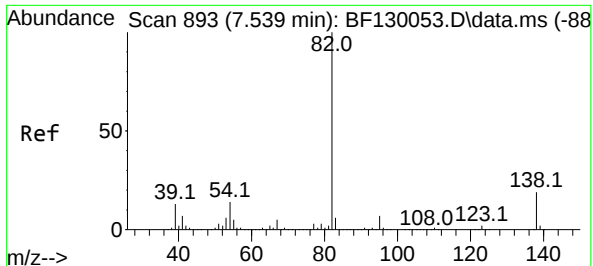
Tgt Ion:136 Resp: 815267
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.7 6.2 9.2
68 6.4 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 94.950 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130124.D
Acq: 02 Sep 2022 22:06

Tgt Ion: 82 Resp: 1204512
Ion Ratio Lower Upper
82 100
128 47.8 36.1 54.1
54 46.5 40.0 60.0

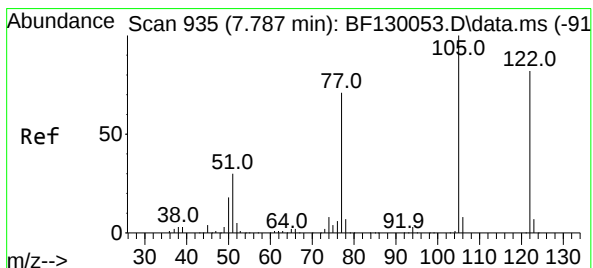
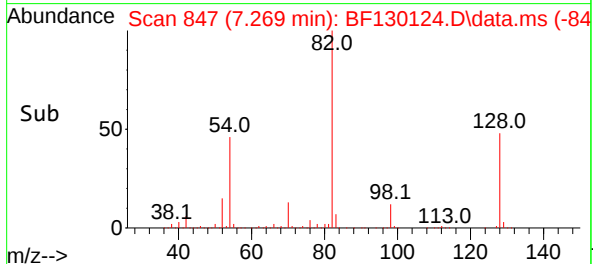
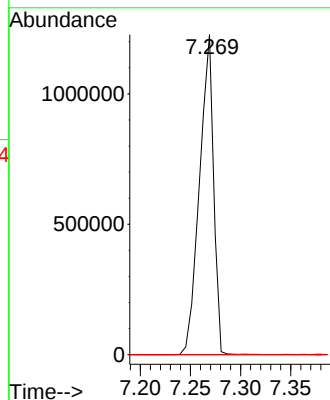
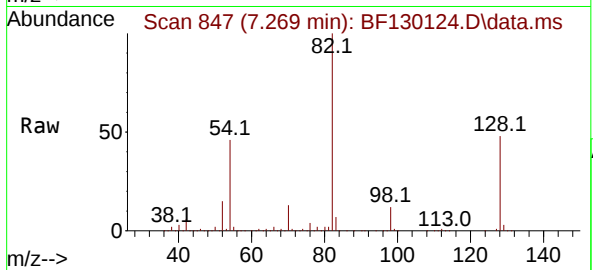




#25
Isophorone
Concen: 46.762 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130124.D
Acq: 02 Sep 2022 22:06

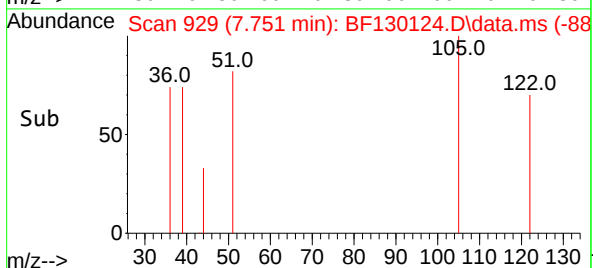
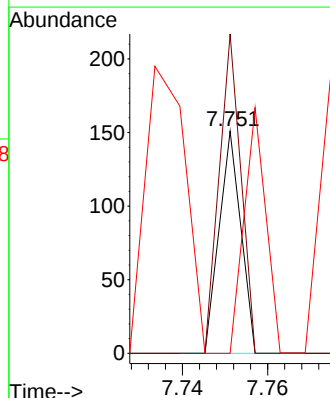
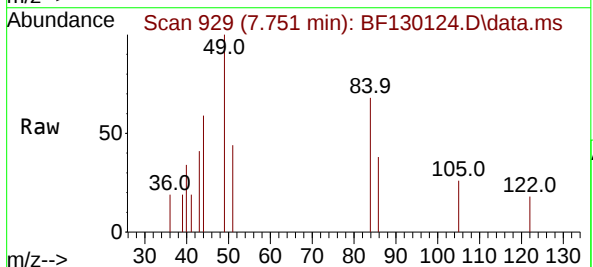
Instrument :
BNA_F
ClientSampleId :
MW-2-(17)

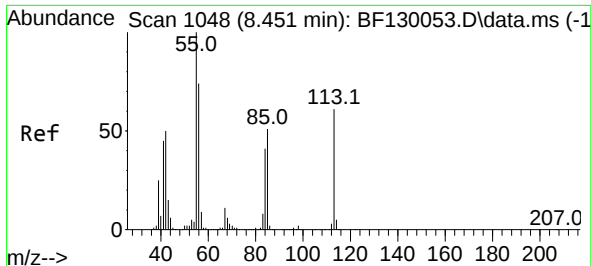
Tgt Ion: 82 Resp: 1200653
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.577 ng
RT: 7.751 min Scan# 929
Delta R.T. -0.036 min
Lab File: BF130124.D
Acq: 02 Sep 2022 22:06

Tgt Ion: 122 Resp: 53
Ion Ratio Lower Upper
122 100
105 143.7 99.9 139.9#
77 0.0 65.9 105.9#

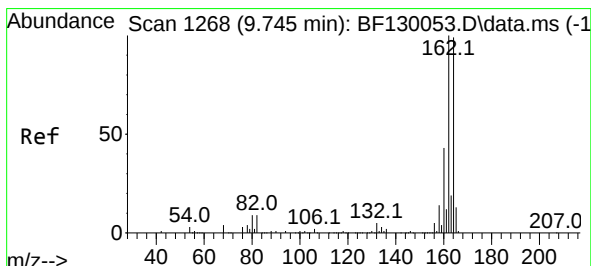
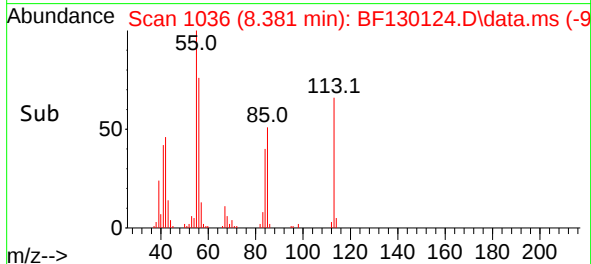
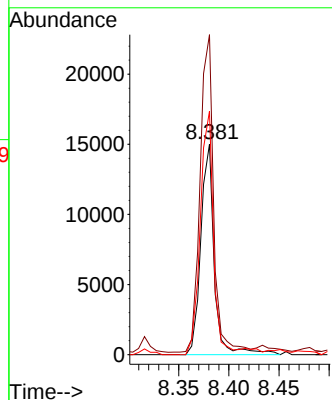
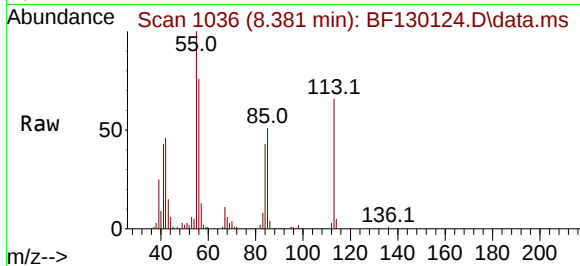




#35
 Caprolactam
 Concen: 3.937 ng
 RT: 8.381 min Scan# 1048
 Delta R.T. -0.071 min
 Lab File: BF130124.D
 Acq: 02 Sep 2022 22:06

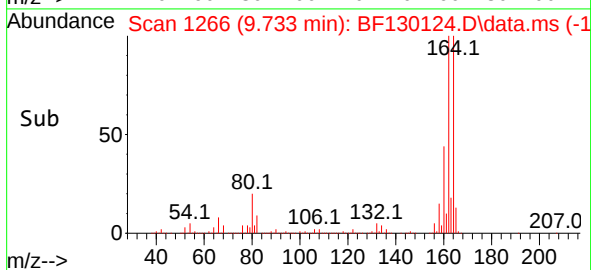
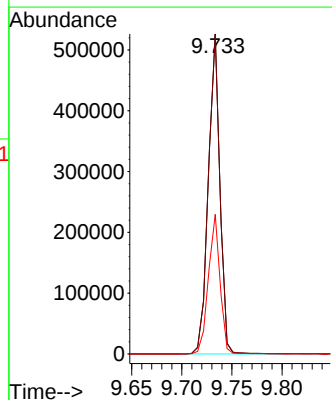
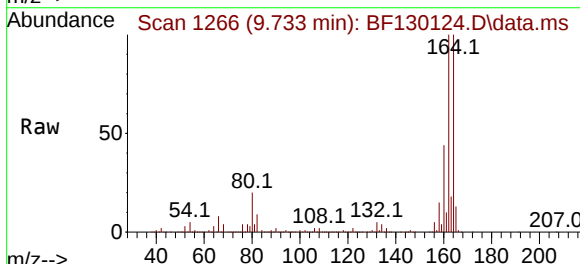
Instrument :
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 ClientSampleId :
 MW-2-(17)

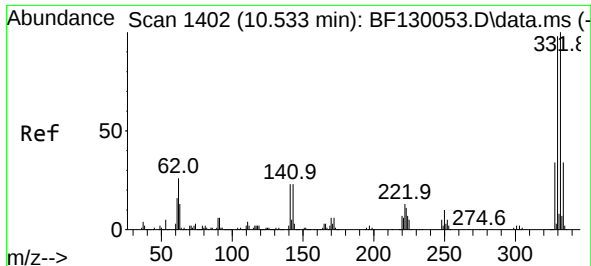
Tgt Ion:113 Resp: 14058
 Ion Ratio Lower Upper
 113 100
 55 152.0 148.8 188.8
 56 115.7 109.1 149.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.733 min Scan# 1266
 Delta R.T. -0.012 min
 Lab File: BF130124.D
 Acq: 02 Sep 2022 22:06

Tgt Ion:164 Resp: 423886
 Ion Ratio Lower Upper
 164 100
 162 99.8 82.0 123.0
 160 43.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 89.053 ng

RT: 10.522 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF130124.D

Acq: 02 Sep 2022 22:06

Instrument :

BNA_F

ClientSampleId :

MW-2-(17)

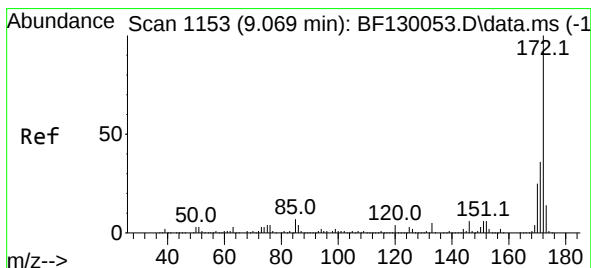
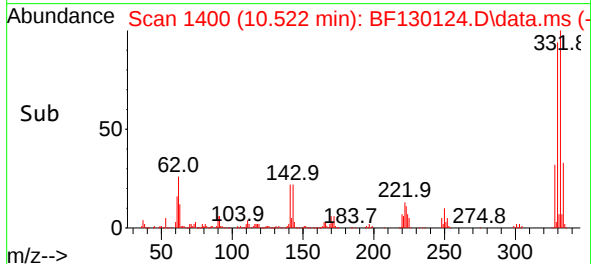
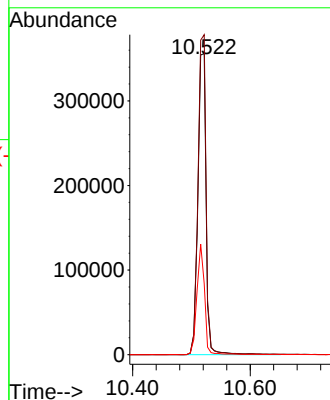
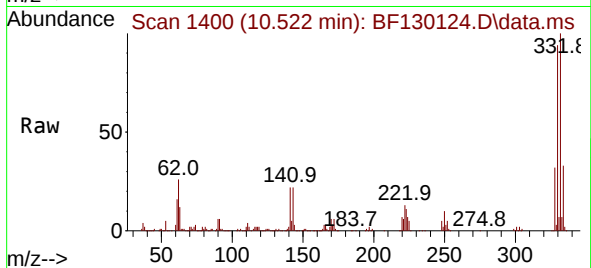
Tgt Ion:330 Resp: 343615

Ion Ratio Lower Upper

330 100

332 104.7 82.6 124.0

141 34.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 82.506 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130124.D

Acq: 02 Sep 2022 22:06

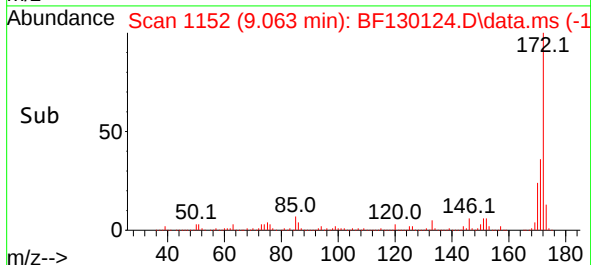
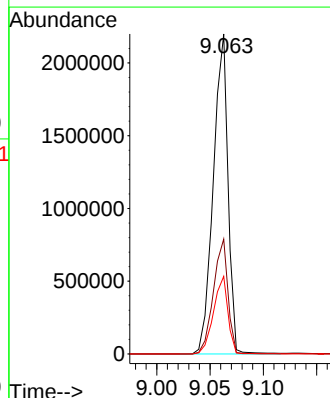
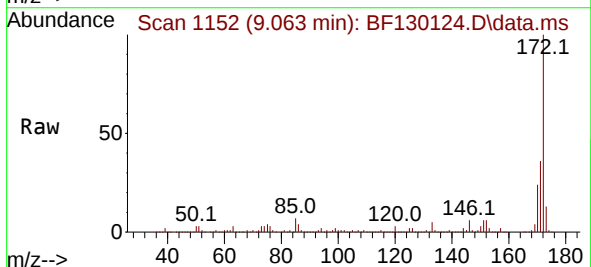
Tgt Ion:172 Resp: 2109417

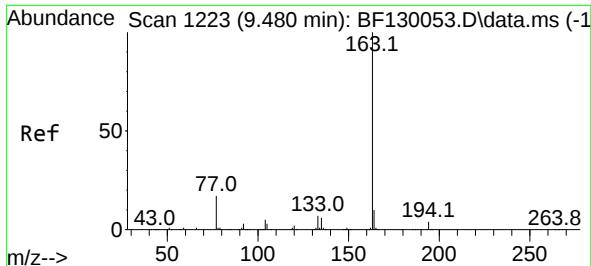
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.2 19.1 28.7

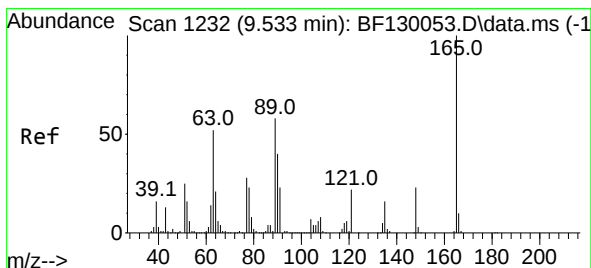
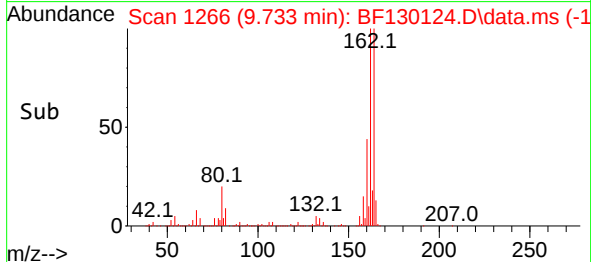
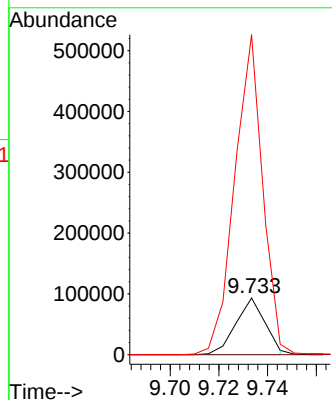
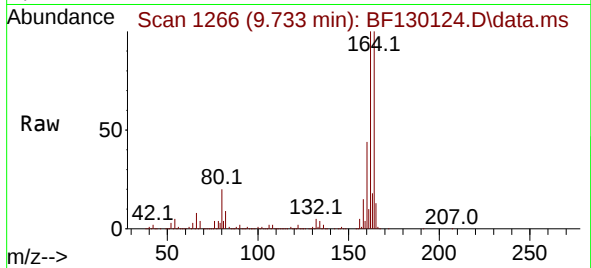




#50
Dimethylphthalate
Concen: 2.715 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.253 min
Lab File: BF130124.D
Acq: 02 Sep 2022 22:06

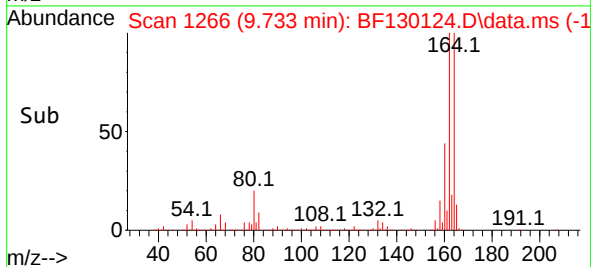
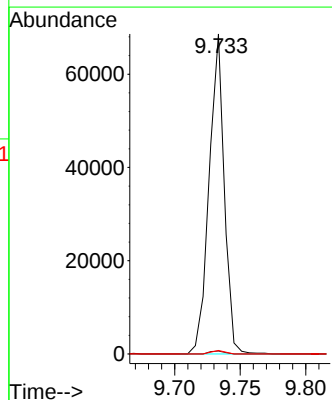
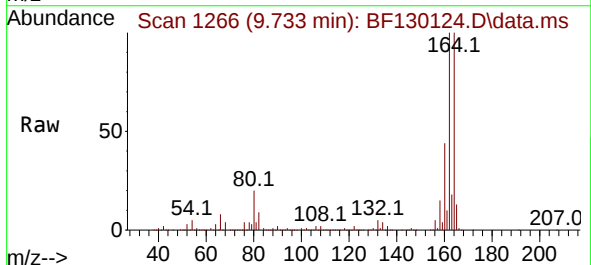
Instrument :
BNA_F
ClientSampleId :
MW-2-(17)

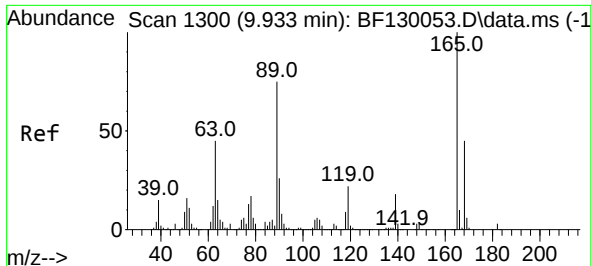
Tgt Ion:163 Resp: 78378
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 564.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.837 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.200 min
Lab File: BF130124.D
Acq: 02 Sep 2022 22:06

Tgt Ion:165 Resp: 55371
Ion Ratio Lower Upper
165 100
63 0.9 47.8 71.8#
89 1.1 47.2 70.8#





#57

2,4-Dinitrotoluene

Concen: 8.544 ng

RT: 9.733 min Scan# 1

Delta R.T. -0.200 min

Lab File: BF130124.D

Acq: 02 Sep 2022 22:06

Instrument :

BNA_F

ClientSampleId :

MW-2-(17)

Tgt Ion:165 Resp: 55371

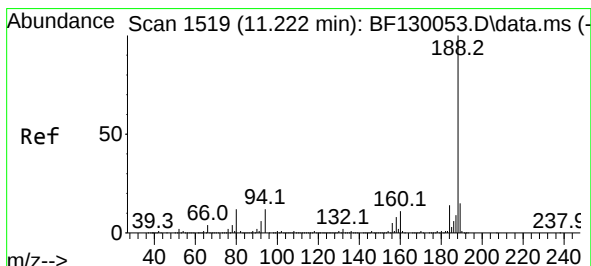
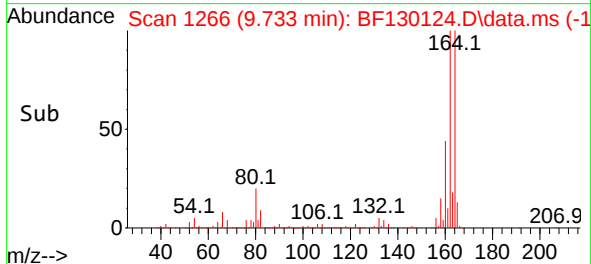
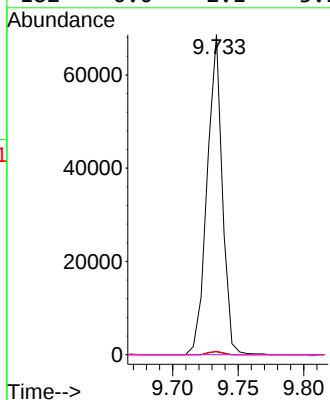
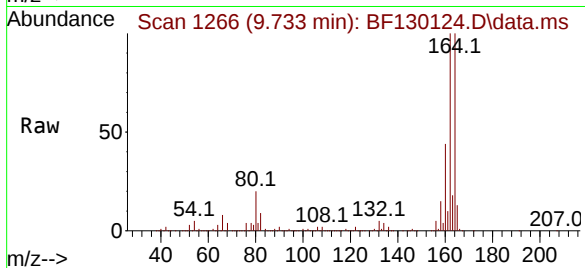
Ion Ratio Lower Upper

165 100

63 0.9 48.4 72.6#

89 1.1 62.3 93.5#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.210 min Scan# 1517

Delta R.T. -0.012 min

Lab File: BF130124.D

Acq: 02 Sep 2022 22:06

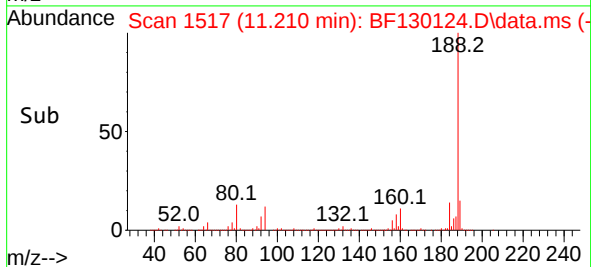
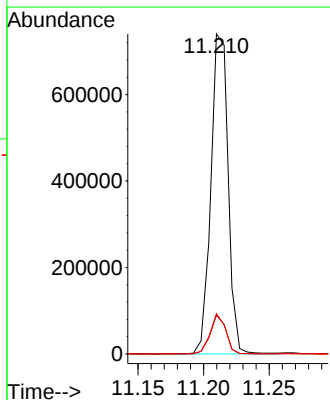
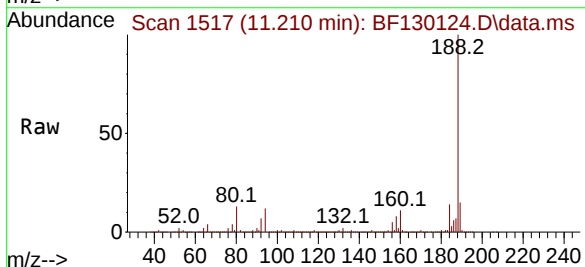
Tgt Ion:188 Resp: 678226

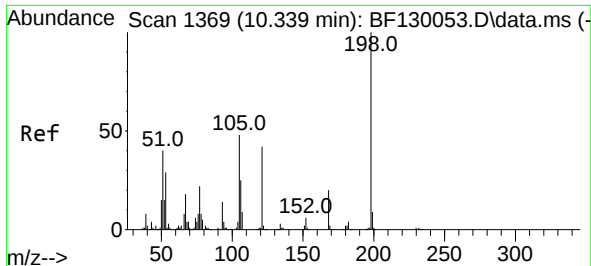
Ion Ratio Lower Upper

188 100

94 12.1 7.4 11.2#

80 12.6 7.9 11.9#





#65

4,6-Dinitro-2-methylphenol

Concen: 6.313 ng

RT: 10.516 min Scan# 1399

Delta R.T. 0.177 min

Lab File: BF130124.D

Acq: 02 Sep 2022 22:06

Instrument :

BNA_F

ClientSampleId :

MW-2-(17)

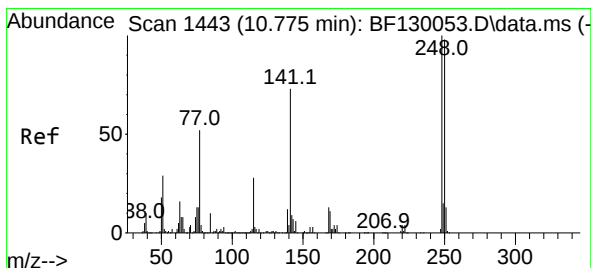
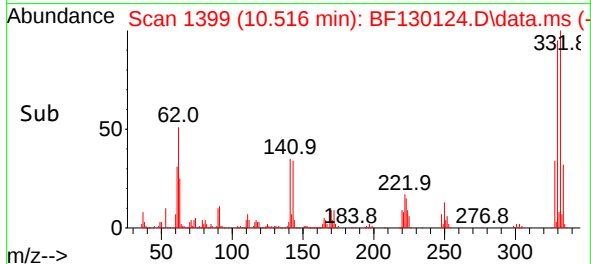
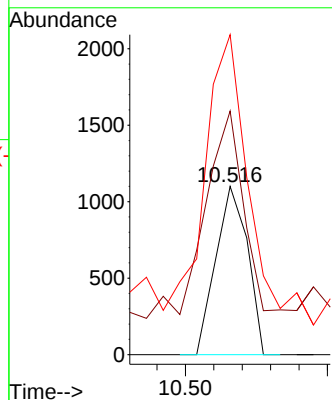
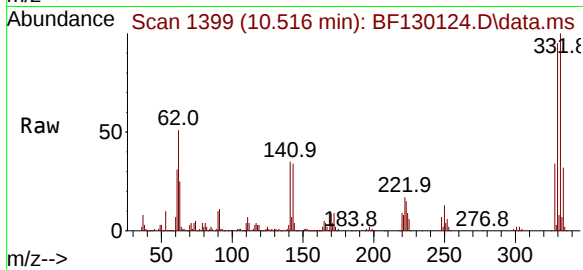
Tgt Ion:198 Resp: 851

Ion Ratio Lower Upper

198 100

51 144.8 29.4 69.4#

105 190.2 29.2 69.2#



#67

4-Bromophenyl-phenylether

Concen: 2.906 ng

RT: 10.516 min Scan# 1399

Delta R.T. -0.259 min

Lab File: BF130124.D

Acq: 02 Sep 2022 22:06

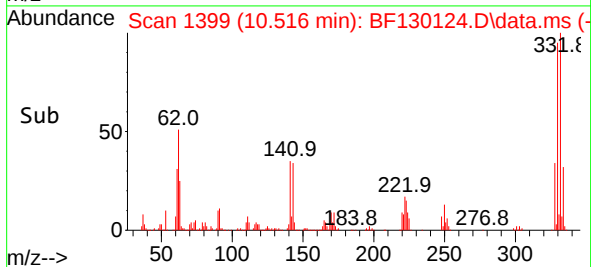
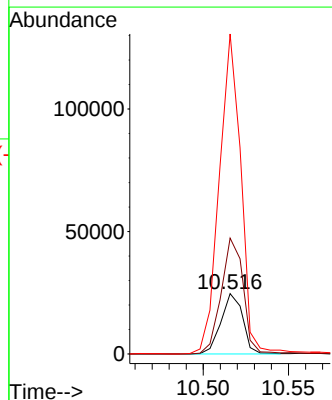
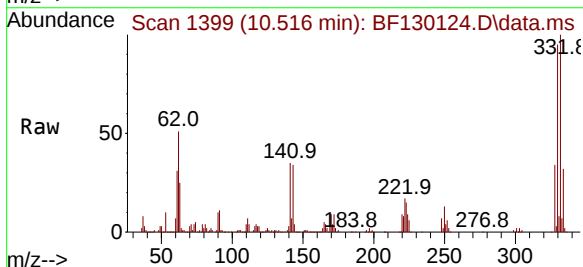
Tgt Ion:248 Resp: 21921

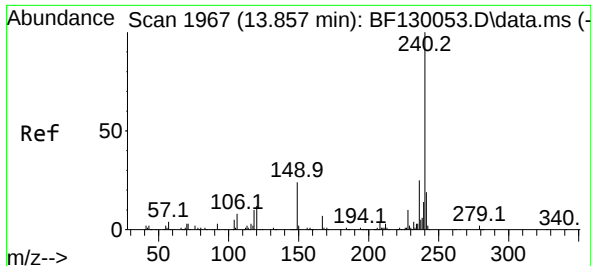
Ion Ratio Lower Upper

248 100

250 191.7 77.8 116.6#

141 529.7 66.2 99.2#

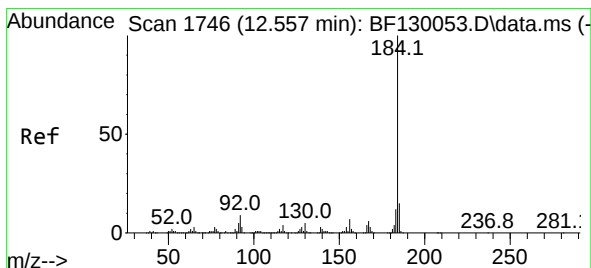
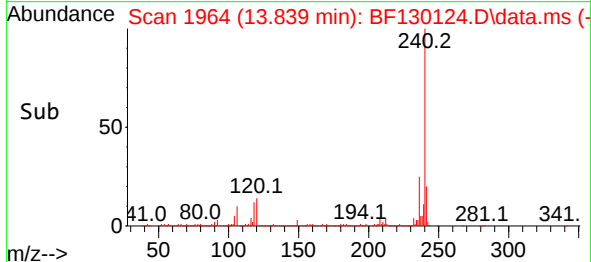
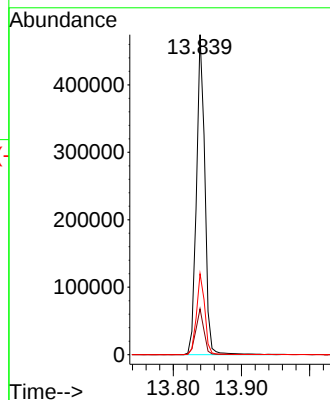
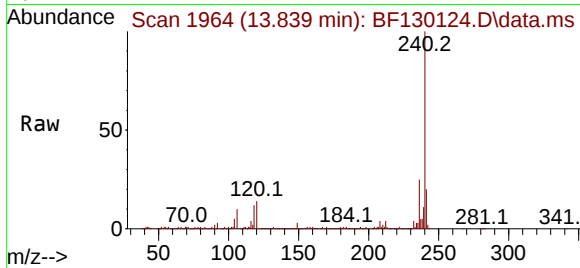




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130124.D
Acq: 02 Sep 2022 22:06

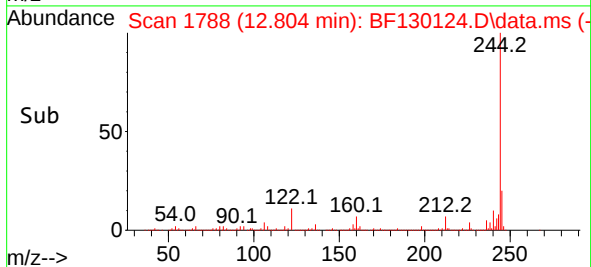
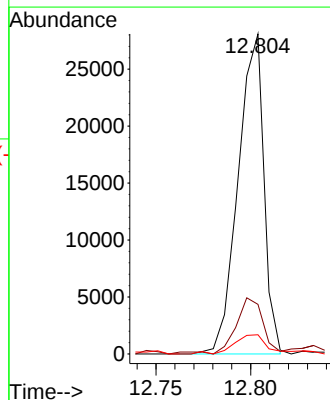
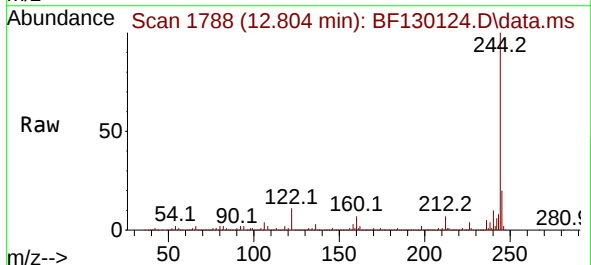
Instrument :
BNA_F
ClientSampleId :
MW-2-(17)

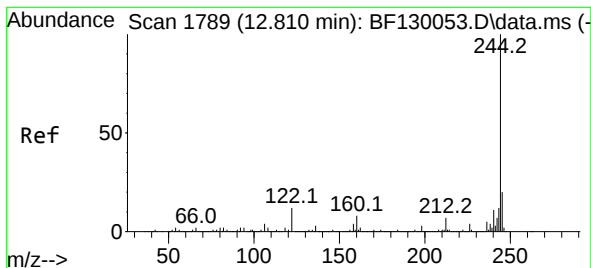
Tgt Ion:240 Resp: 405293
Ion Ratio Lower Upper
240 100
120 14.3 9.2 13.8#
236 25.3 20.7 31.1



#77
Benzidine
Concen: 2.426 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130124.D
Acq: 02 Sep 2022 22:06

Tgt Ion:184 Resp: 26549
Ion Ratio Lower Upper
184 100
185 15.5 11.4 17.2
183 6.0 9.4 14.2#





#79

Terphenyl-d14

Concen: 80.454 ng

RT: 12.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130124.D

Acq: 02 Sep 2022 22:06

Instrument :

BNA_F

ClientSampleId :

MW-2-(17)

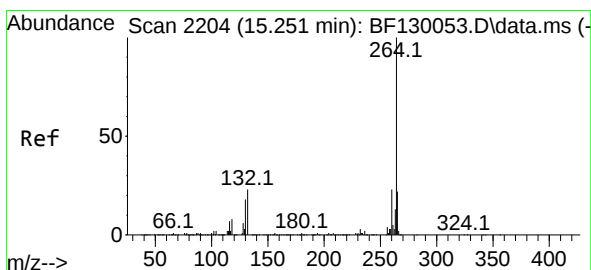
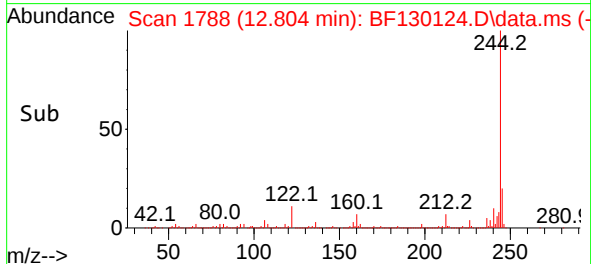
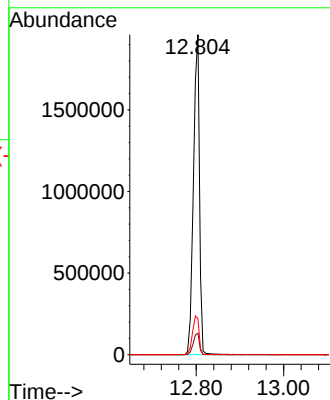
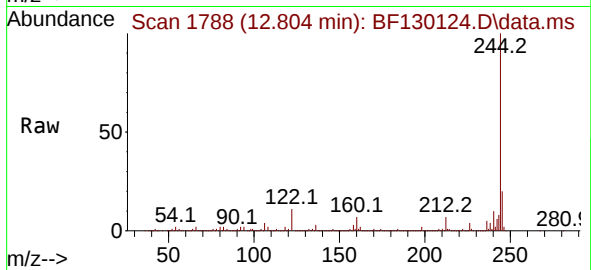
Tgt Ion:244 Resp: 1880342

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 11.3 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.239 min Scan# 2202

Delta R.T. -0.012 min

Lab File: BF130124.D

Acq: 02 Sep 2022 22:06

Tgt Ion:264 Resp: 380907

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.4 16.7 25.1

