

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
 Data File : BF130860.D
 Acq On : 29 Oct 2022 16:46
 Operator : CG\JU
 Sample : N5284-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-3-WC

Quant Time: Oct 30 23:25:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

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

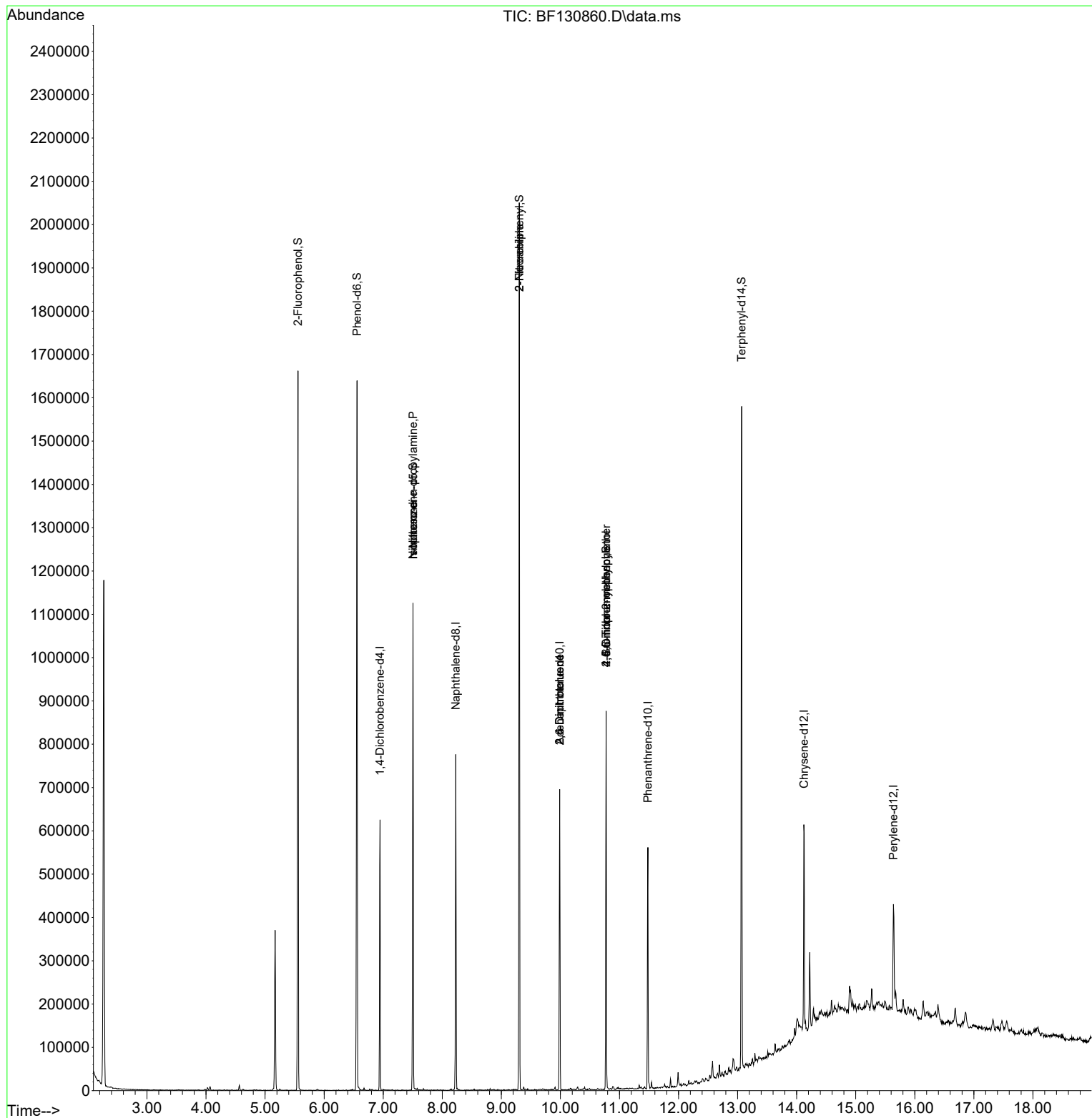
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	79986	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	276895	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	123012	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	191919	20.000	ng	0.00
76) Chrysene-d12	14.127	240	163128	20.000	ng	0.00
86) Perylene-d12	15.639	264	116205	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	369546	80.095	ng	0.00
7) Phenol-d6	6.557	99	470685	78.504	ng	0.00
23) Nitrobenzene-d5	7.504	82	300231	65.381	ng	-0.01
42) 2,4,6-Tribromophenol	10.775	330	77973	75.299	ng	-0.01
45) 2-Fluorobiphenyl	9.304	172	522831	64.259	ng	0.00
79) Terphenyl-d14	13.069	244	451938	50.767	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	41998	10.295	ng	# 80
25) Isophorone	7.504	82	300228	31.705	ng	# 66
48) 2-Nitroaniline	9.304	65	1034	4.565	ng	# 1
51) 2,6-Dinitrotoluene	9.986	165	15762	12.032	ng	# 14
57) 2,4-Dinitrotoluene	9.986	165	15762	10.914	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.775	198	101	8.033	ng	# 1
67) 4-Bromophenyl-phenylether	10.775	248	5249	2.720	ng	# 1

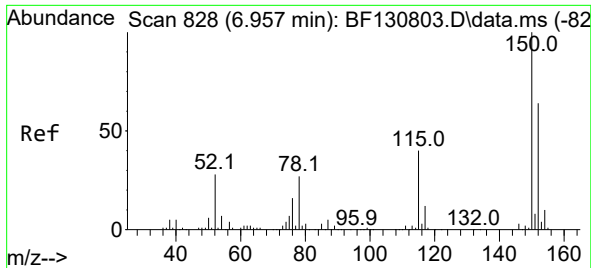
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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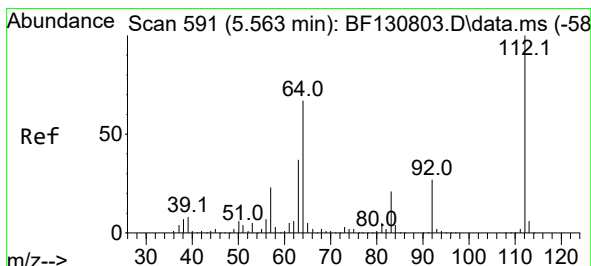
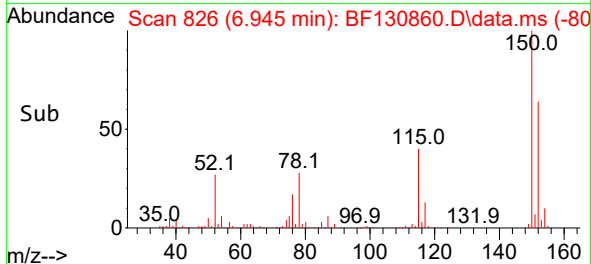
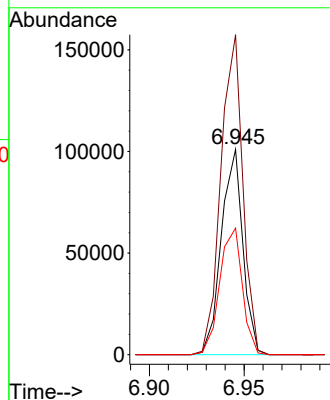
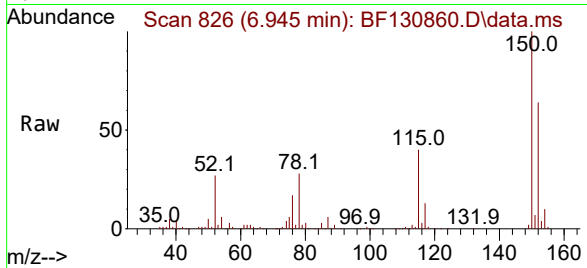




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130860.D
Acq: 29 Oct 2022 16:46

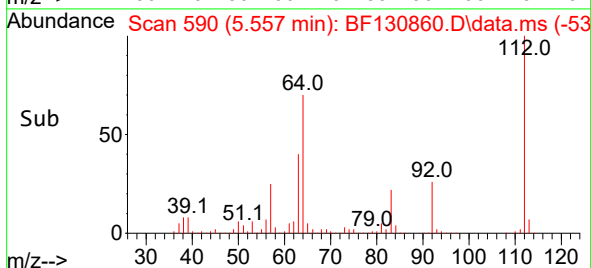
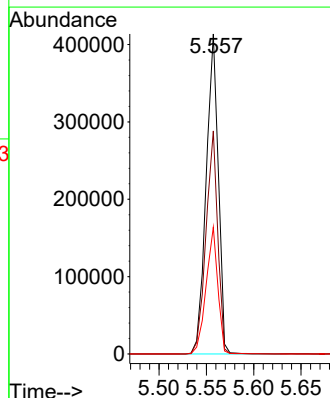
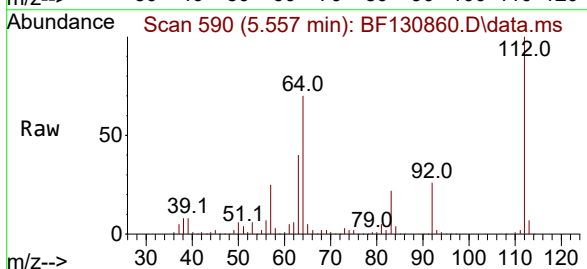
Instrument :
BNA_F
ClientSampleId :
MH-3-WC

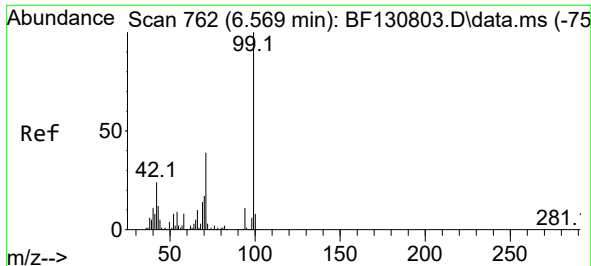
Tgt Ion:152 Resp: 79986
Ion Ratio Lower Upper
152 100
150 155.9 124.1 186.1
115 61.6 50.1 75.1



#5
2-Fluorophenol
Concen: 80.095 ng
RT: 5.557 min Scan# 590
Delta R.T. 0.000 min
Lab File: BF130860.D
Acq: 29 Oct 2022 16:46

Tgt Ion:112 Resp: 369546
Ion Ratio Lower Upper
112 100
64 69.7 53.9 80.9
63 39.6 29.4 44.2

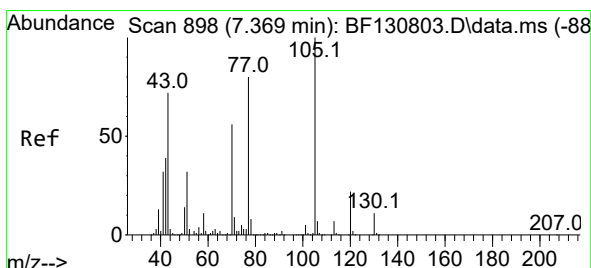
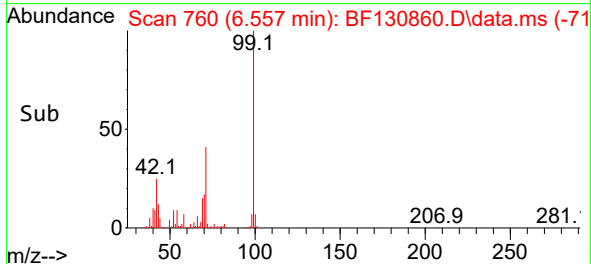
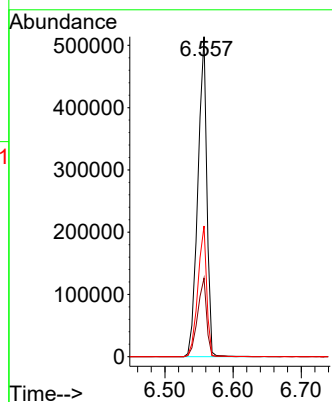
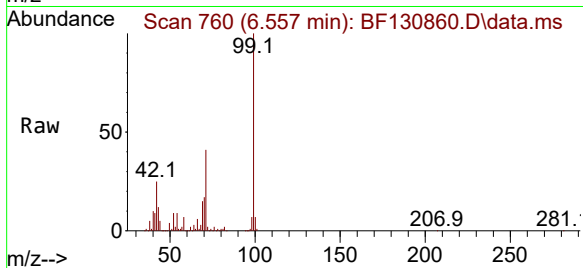




#7
Phenol-d6
Concen: 78.504 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130860.D
Acq: 29 Oct 2022 16:46

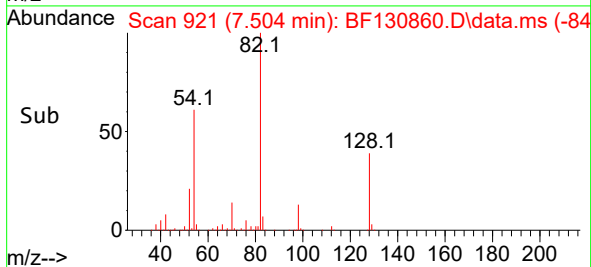
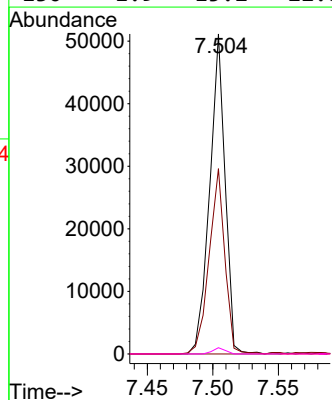
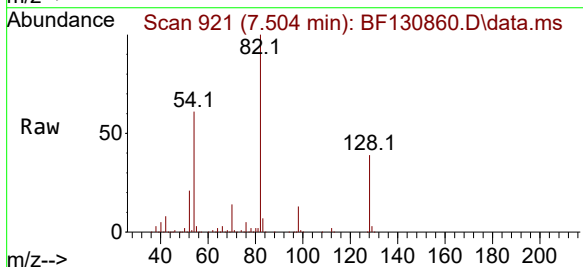
Instrument :
BNA_F
ClientSampleId :
MH-3-WC

Tgt Ion: 99 Resp: 470685
Ion Ratio Lower Upper
99 100
42 24.6 18.8 28.2
71 40.9 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 10.295 ng
RT: 7.504 min Scan# 921
Delta R.T. 0.141 min
Lab File: BF130860.D
Acq: 29 Oct 2022 16:46

Tgt Ion: 70 Resp: 41998
Ion Ratio Lower Upper
70 100
42 57.9 56.1 84.1
101 0.0 7.3 10.9#
130 1.9 15.2 22.8#

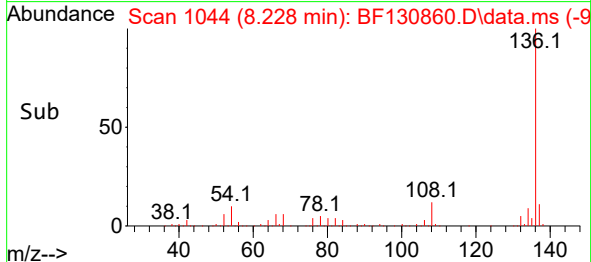
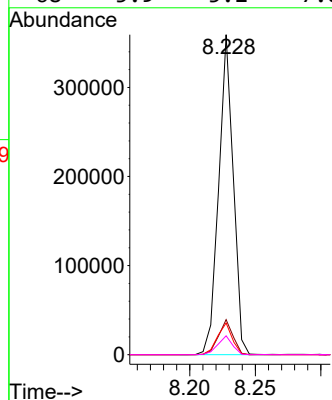
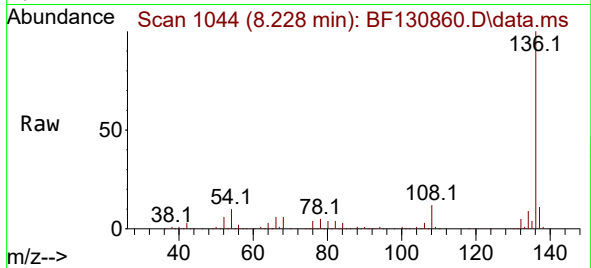




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130860.D
Acq: 29 Oct 2022 16:46

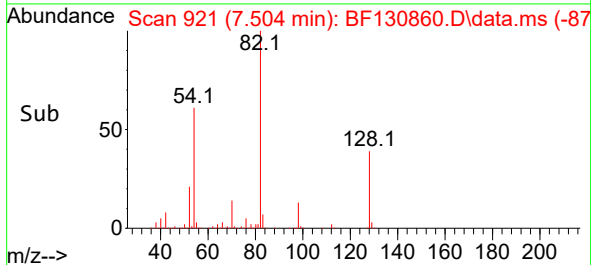
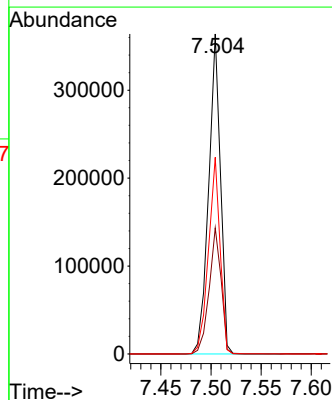
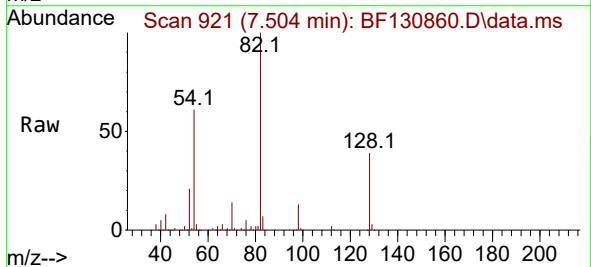
Instrument :
BNA_F
ClientSampleId :
MH-3-WC

Tgt Ion:136	Resp: 276895
Ion Ratio	Lower Upper
136 100	
137 10.9	9.2 13.8
54 9.9	8.8 13.2
68 5.9	5.2 7.8



#23
Nitrobenzene-d5
Concen: 65.381 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.012 min
Lab File: BF130860.D
Acq: 29 Oct 2022 16:46

Tgt Ion: 82	Resp: 300231
Ion Ratio	Lower Upper
82 100	
128 39.4	31.2 46.8
54 61.5	48.0 72.0

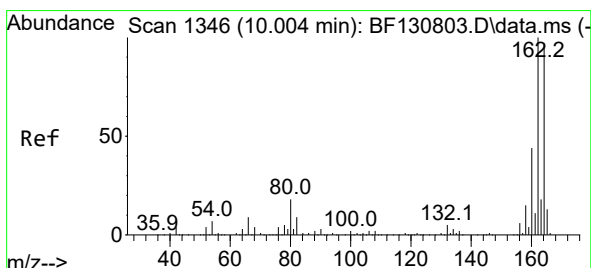
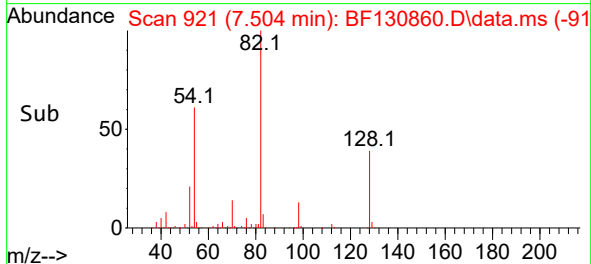
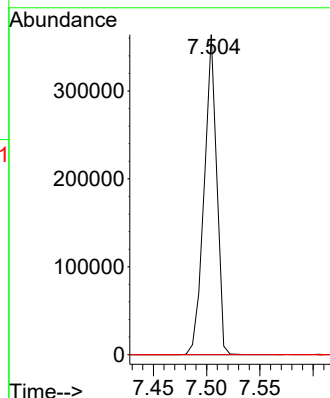
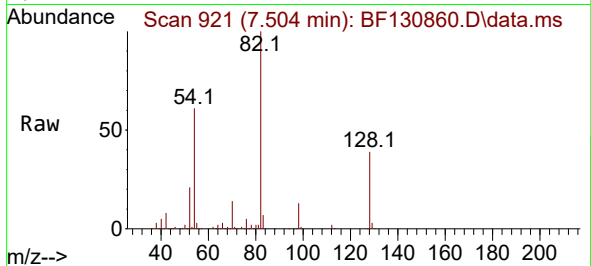




#25
Isophorone
Concen: 31.705 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130860.D
Acq: 29 Oct 2022 16:46

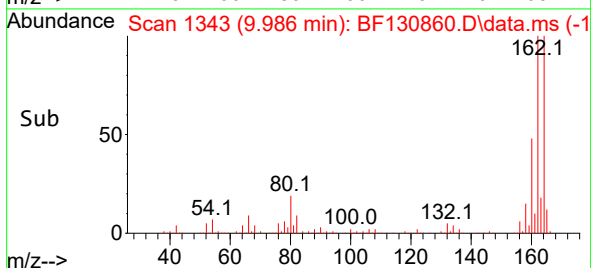
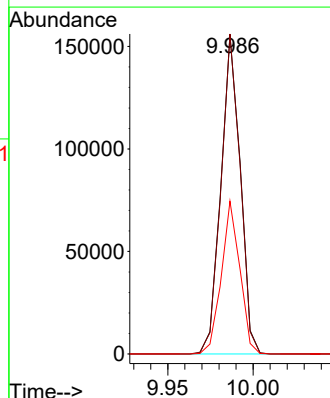
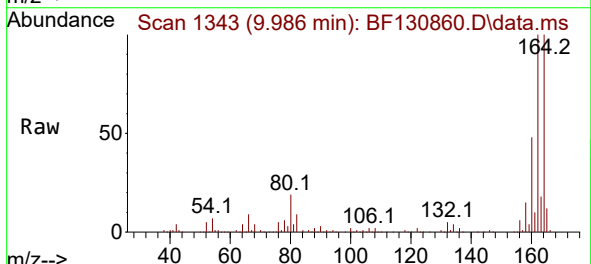
Instrument :
BNA_F
ClientSampleId :
MH-3-WC

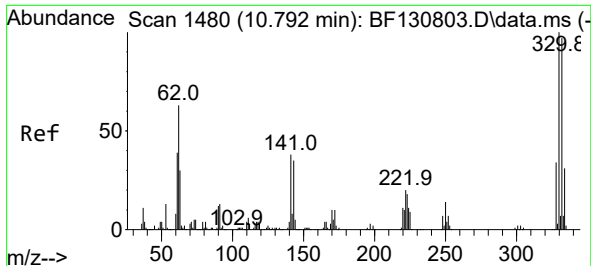
Tgt Ion: 82 Resp: 300228
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BF130860.D
Acq: 29 Oct 2022 16:46

Tgt Ion: 164 Resp: 123012
Ion Ratio Lower Upper
164 100
162 100.2 82.2 123.2
160 47.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 75.299 ng

RT: 10.775 min Scan# 1477

Delta R.T. -0.012 min

Lab File: BF130860.D

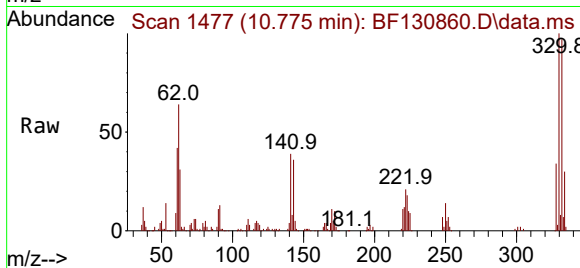
Acq: 29 Oct 2022 16:46

Instrument :

BNA_F

ClientSampleId :

MH-3-WC



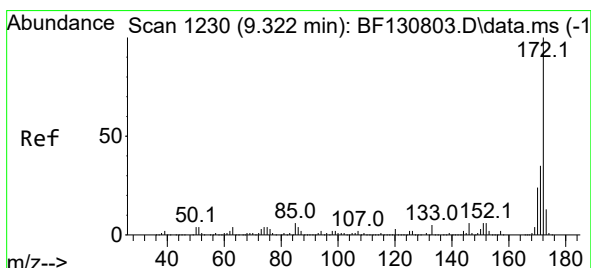
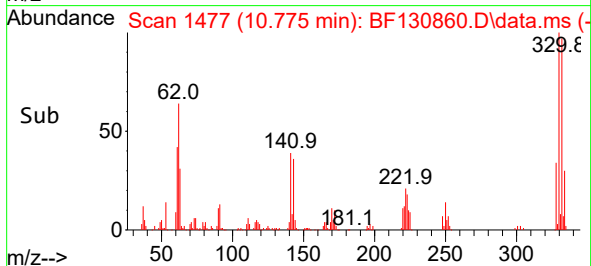
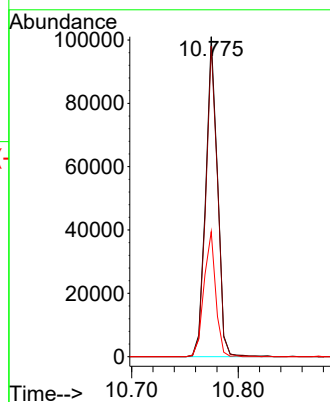
Tgt Ion:330 Resp: 77973

Ion Ratio Lower Upper

330 100

332 96.4 76.2 114.4

141 38.9 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 64.259 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF130860.D

Acq: 29 Oct 2022 16:46

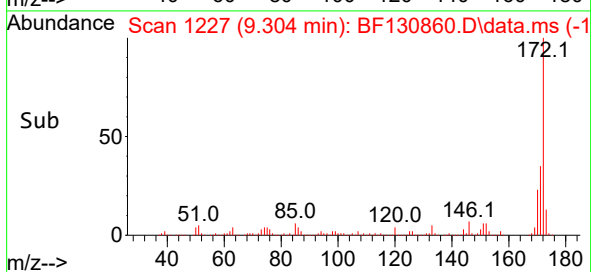
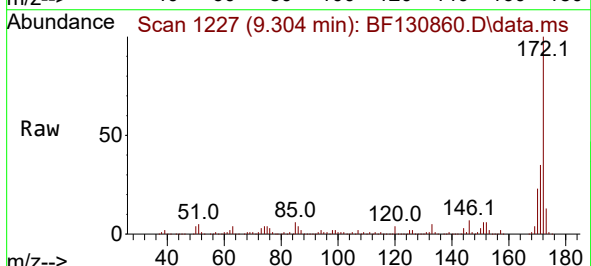
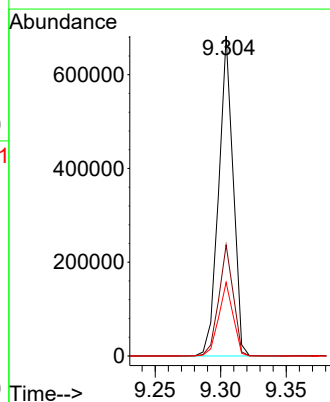
Tgt Ion:172 Resp: 522831

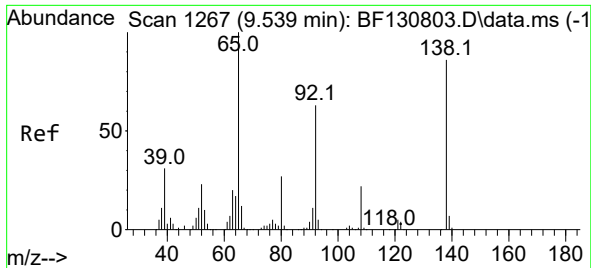
Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.0 19.0 28.4

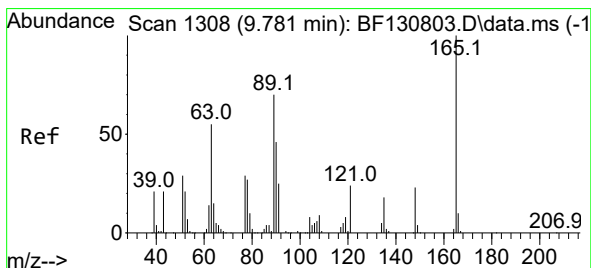
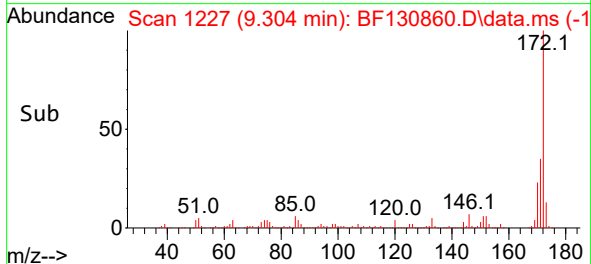
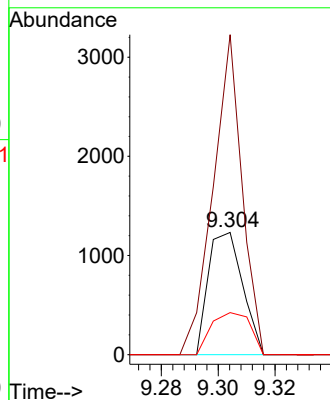
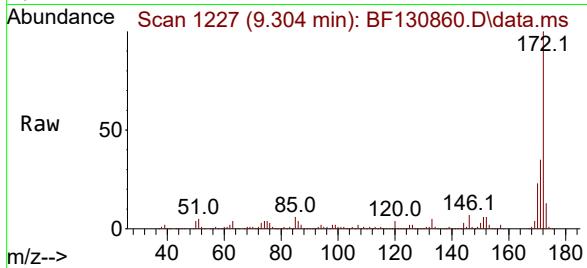




#48
2-Nitroaniline
Concen: 4.565 ng
RT: 9.304 min Scan# 11
Delta R.T. -0.229 min
Lab File: BF130860.D
Acq: 29 Oct 2022 16:46

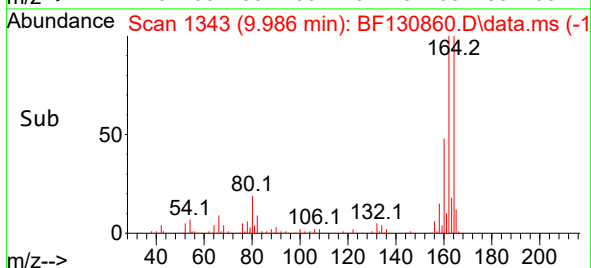
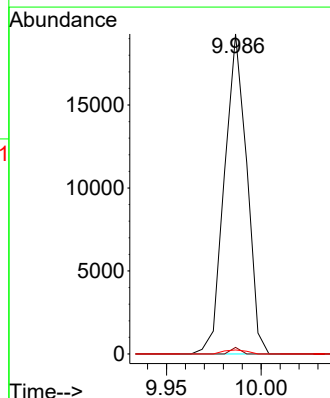
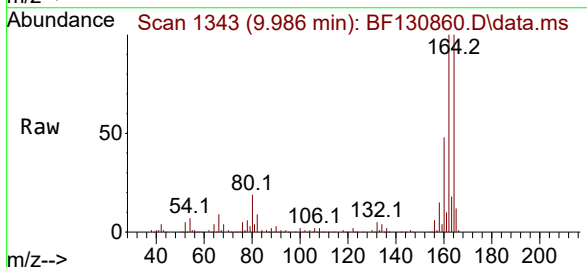
Instrument :
BNA_F
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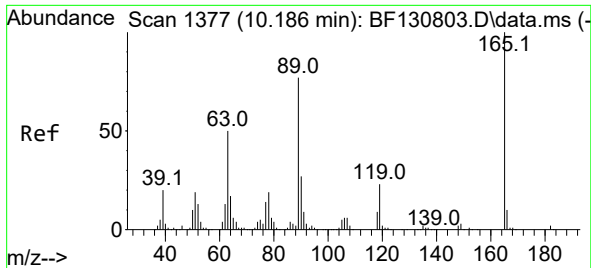
Tgt Ion: 65 Resp: 1034
Ion Ratio Lower Upper
65 100
92 261.7 50.1 75.1#
138 34.5 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 12.032 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.212 min
Lab File: BF130860.D
Acq: 29 Oct 2022 16:46

Tgt Ion: 165 Resp: 15762
Ion Ratio Lower Upper
165 100
63 2.0 61.8 92.8#
89 1.3 56.2 84.4#

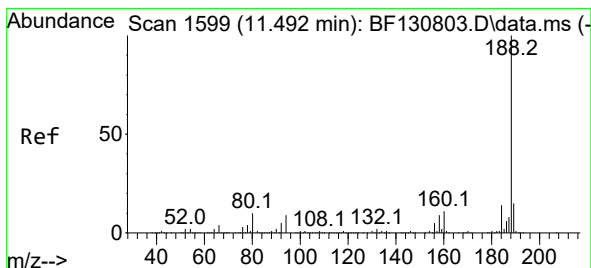
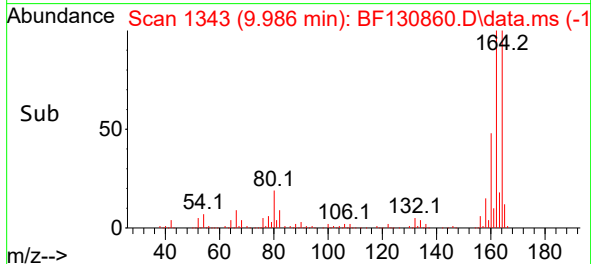
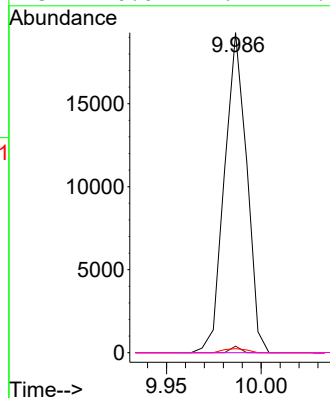
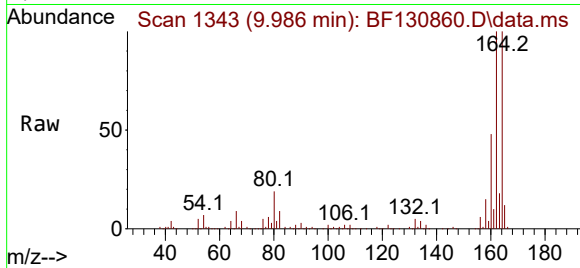




#57
2,4-Dinitrotoluene
Concen: 10.914 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130860.D
Acq: 29 Oct 2022 16:46

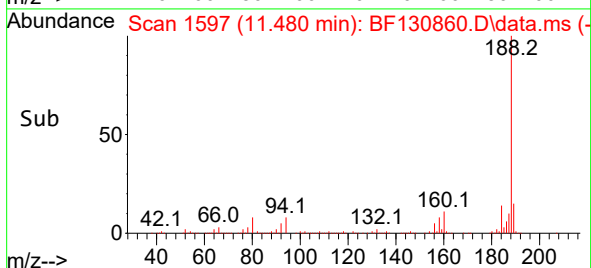
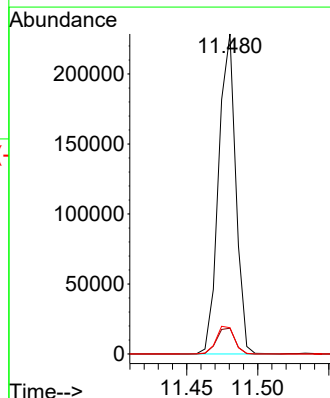
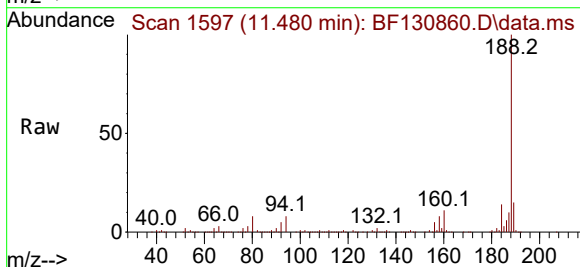
Instrument :
BNA_F
ClientSampleId :
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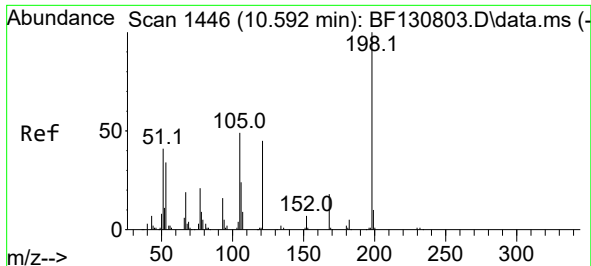
Tgt Ion:165 Resp: 15762
Ion Ratio Lower Upper
165 100
63 2.0 39.8 59.6#
89 1.3 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF130860.D
Acq: 29 Oct 2022 16:46

Tgt Ion:188 Resp: 191919
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.2 8.0 12.0

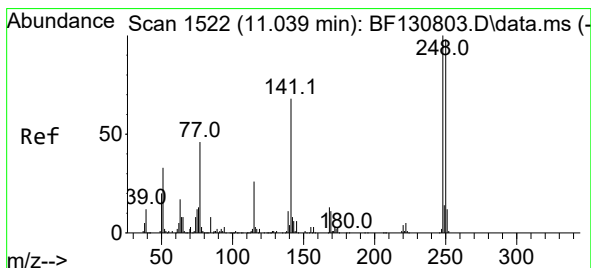
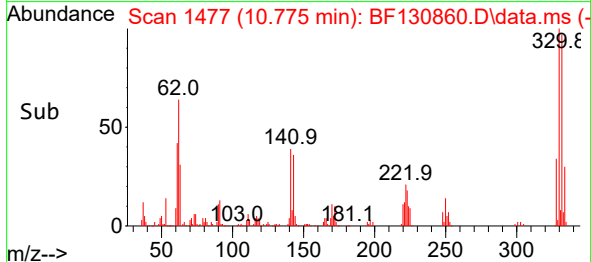
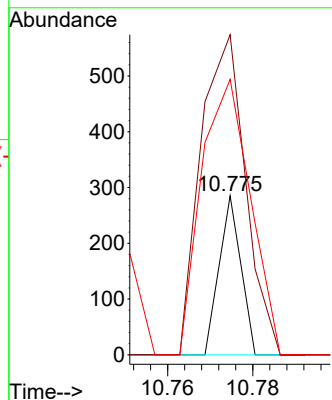
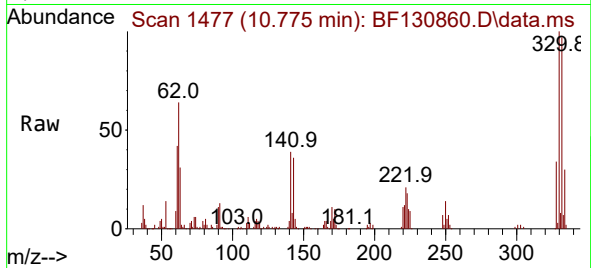




#65
4,6-Dinitro-2-methylphenol
Concen: 8.033 ng
RT: 10.775 min Scan# 1446
Delta R.T. 0.188 min
Lab File: BF130860.D
Acq: 29 Oct 2022 16:46

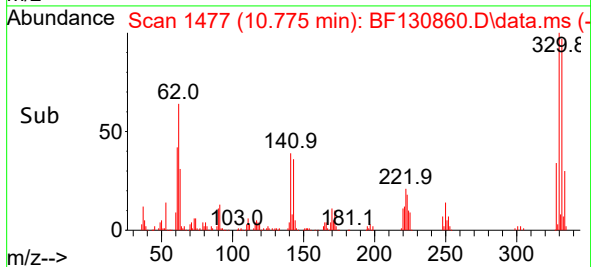
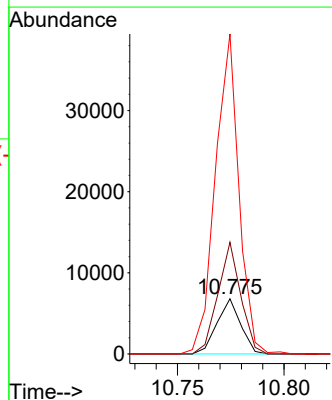
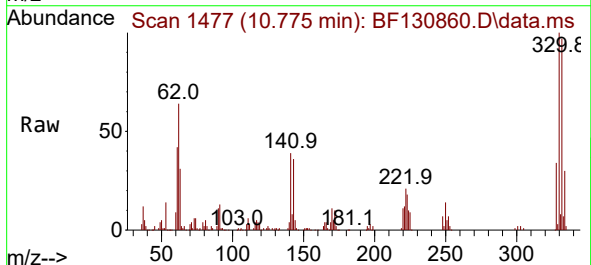
Instrument :
BNA_F
ClientSampleId :
MH-3-WC

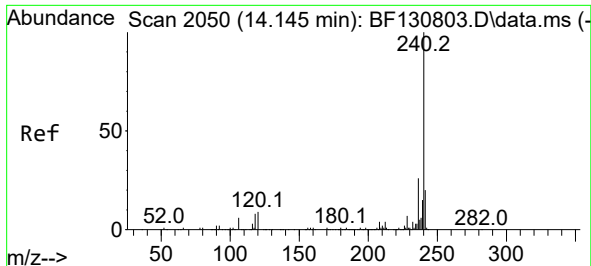
Tgt Ion:198 Resp: 101
Ion Ratio Lower Upper
198 100
51 201.4 39.0 79.0#
105 173.3 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 2.720 ng
RT: 10.775 min Scan# 1477
Delta R.T. -0.253 min
Lab File: BF130860.D
Acq: 29 Oct 2022 16:46

Tgt Ion:248 Resp: 5249
Ion Ratio Lower Upper
248 100
250 202.0 78.6 117.8#
141 579.0 54.2 81.4#

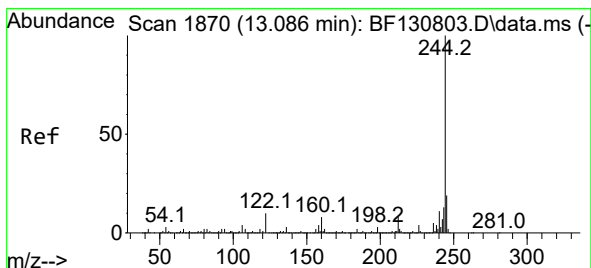
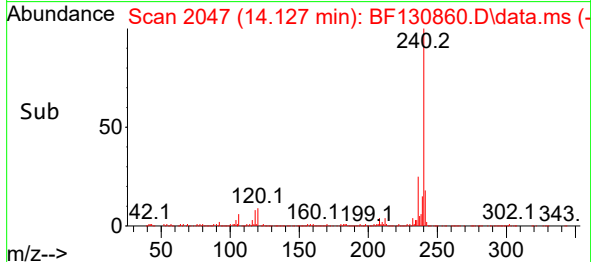
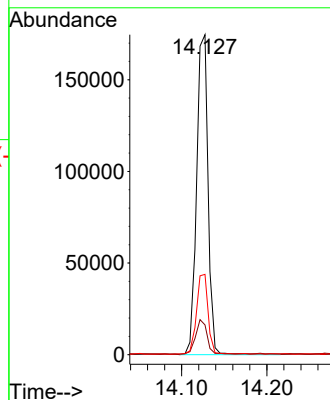
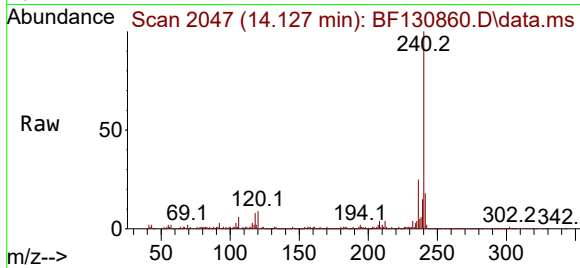




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF130860.D
Acq: 29 Oct 2022 16:46

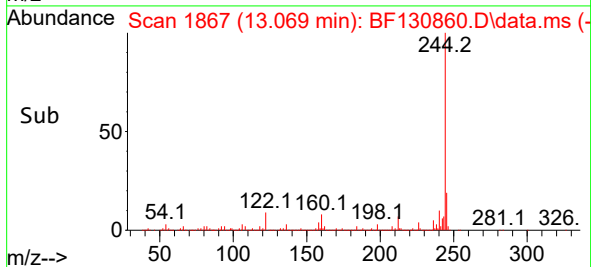
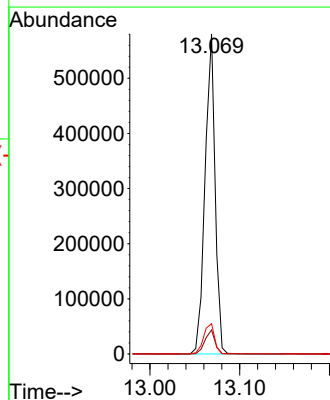
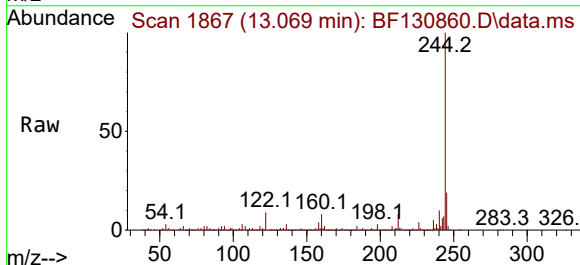
Instrument :
BNA_F
ClientSampleId :
MH-3-WC

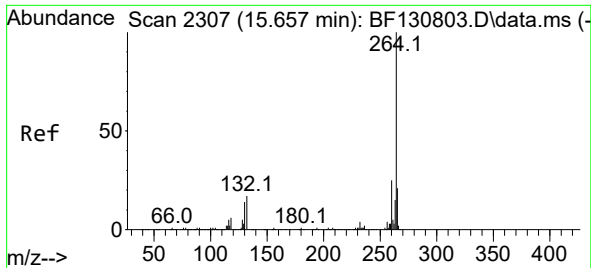
Tgt Ion:240 Resp: 163128
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.4
236 25.1 20.5 30.7



#79
Terphenyl-d14
Concen: 50.767 ng
RT: 13.069 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BF130860.D
Acq: 29 Oct 2022 16:46

Tgt Ion:244 Resp: 451938
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 9.4 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130860.D
Acq: 29 Oct 2022 16:46

Instrument :
BNA_F
ClientSampleId :
MH-3-WC

Tgt Ion:264 Resp: 116205

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.2	17.0	25.6

