

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
 Data File : BF130863.D
 Acq On : 29 Oct 2022 18:18
 Operator : CG\JU
 Sample : N5284-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-WC

Quant Time: Oct 30 23:26:00 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)

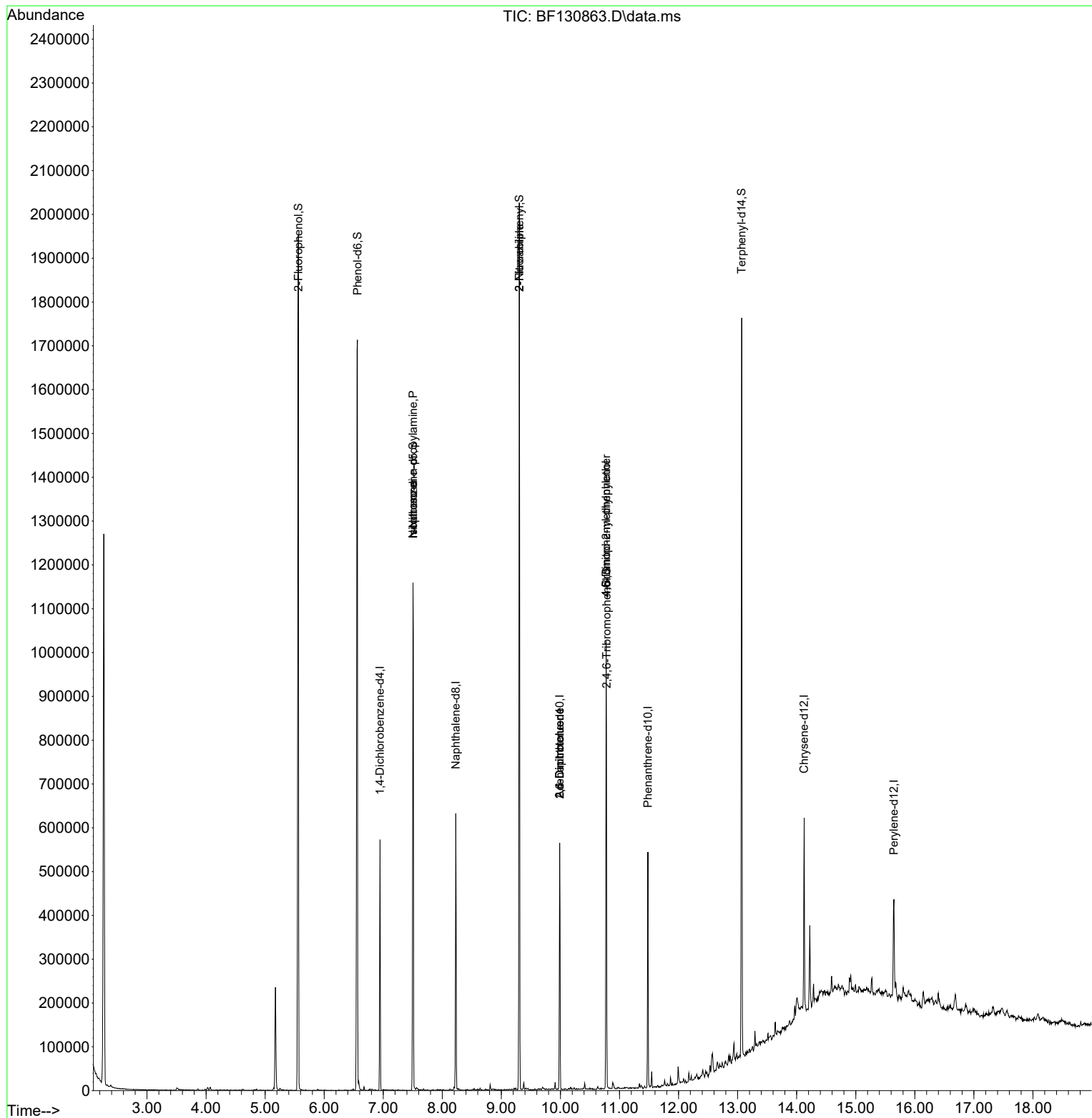
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	69222	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	235579	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	101866	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	171002	20.000	ng	0.00
76) Chrysene-d12	14.127	240	134992	20.000	ng	0.00
86) Perylene-d12	15.645	264	98560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	477100	119.486	ng	0.00
7) Phenol-d6	6.563	99	582705	112.300	ng	0.00
23) Nitrobenzene-d5	7.504	82	357592	91.529	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	102821	119.907	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	550971	81.774	ng	0.00
79) Terphenyl-d14	13.069	244	487398	66.162	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	48263	13.671	ng	# 79
25) Isophorone	7.504	82	357588	44.385	ng	# 66
48) 2-Nitroaniline	9.304	65	1006	4.638	ng	# 1
51) 2,6-Dinitrotoluene	9.986	165	12723	11.799	ng	# 14
57) 2,4-Dinitrotoluene	9.986	165	12723	10.732	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.775	198	281	8.257	ng	# 1
67) 4-Bromophenyl-phenylether	10.775	248	6676	3.882	ng	# 1

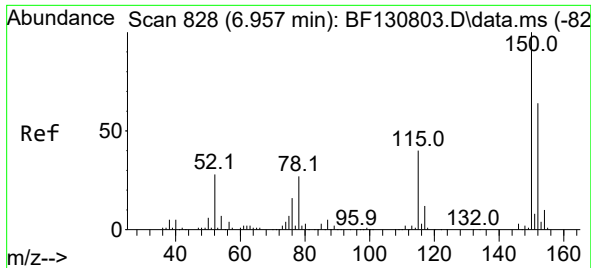
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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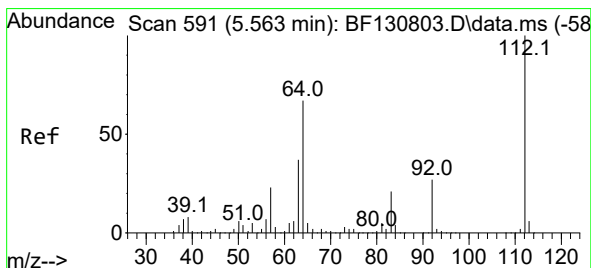
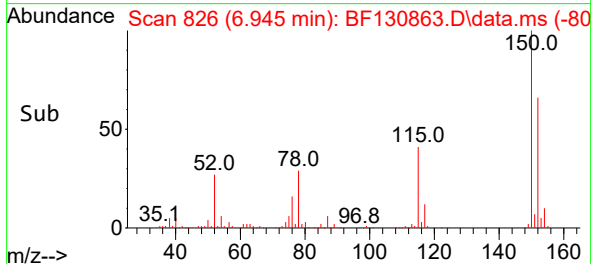
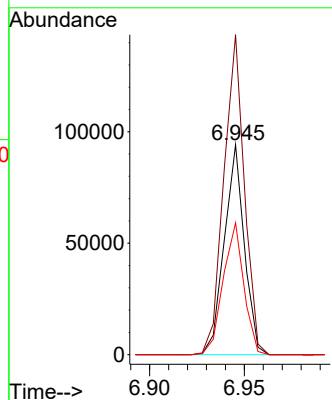
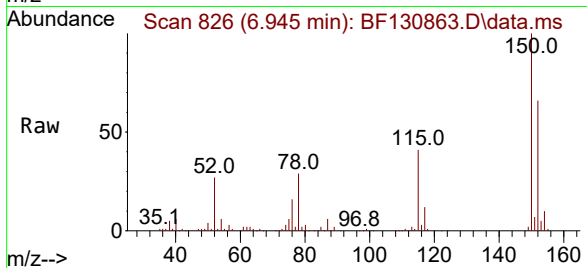




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF130863.D
 Acq: 29 Oct 2022 18:18

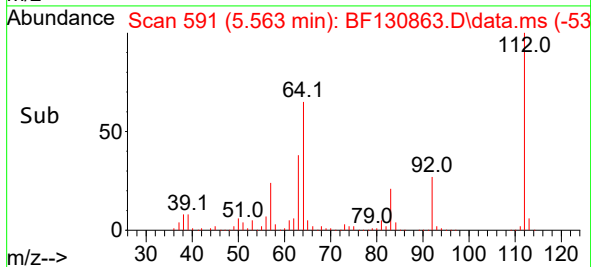
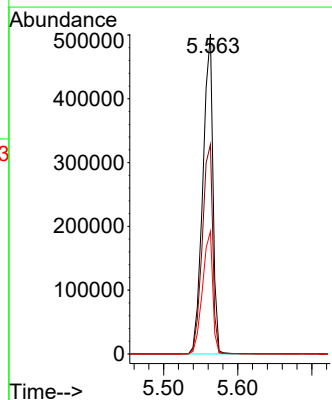
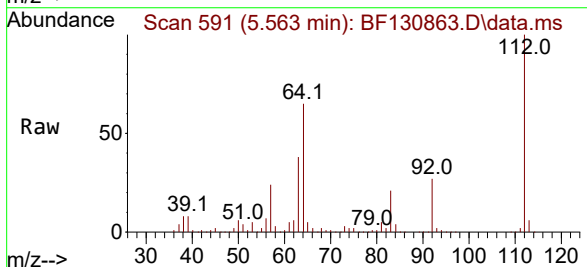
Instrument :
 BNA_F
 ClientSampleId :
 MH-1-WC

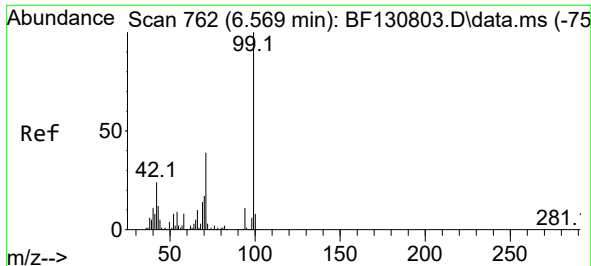
Tgt Ion:152 Resp: 69222
 Ion Ratio Lower Upper
 152 100
 150 152.3 124.1 186.1
 115 62.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 119.486 ng
 RT: 5.563 min Scan# 591
 Delta R.T. 0.006 min
 Lab File: BF130863.D
 Acq: 29 Oct 2022 18:18

Tgt Ion:112 Resp: 477100
 Ion Ratio Lower Upper
 112 100
 64 65.5 53.9 80.9
 63 38.3 29.4 44.2

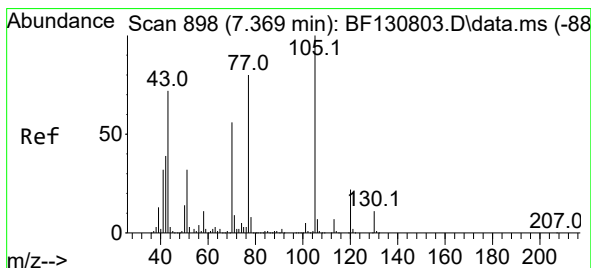
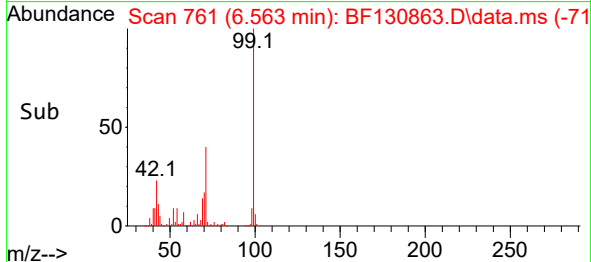
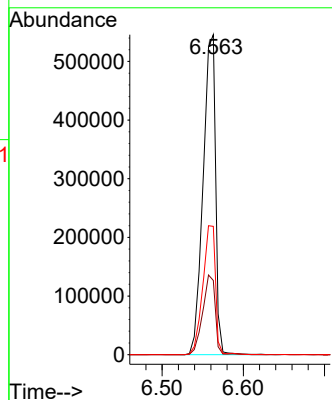
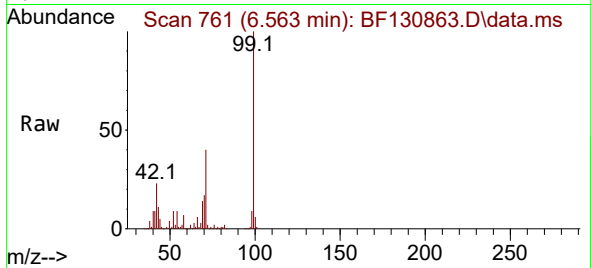




#7
Phenol-d6
Concen: 112.300 ng
RT: 6.563 min Scan# 701
Delta R.T. -0.000 min
Lab File: BF130863.D
Acq: 29 Oct 2022 18:18

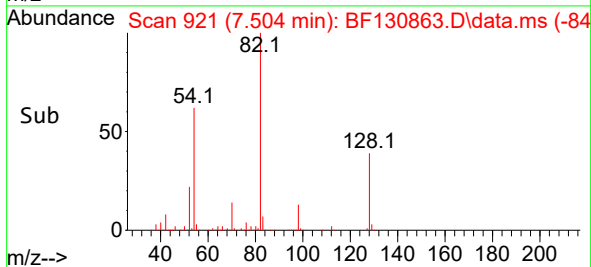
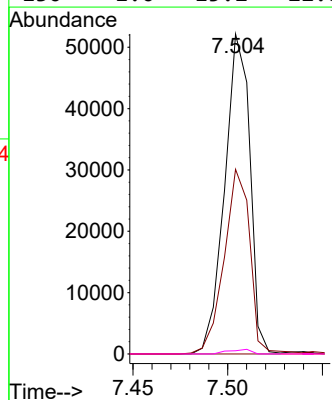
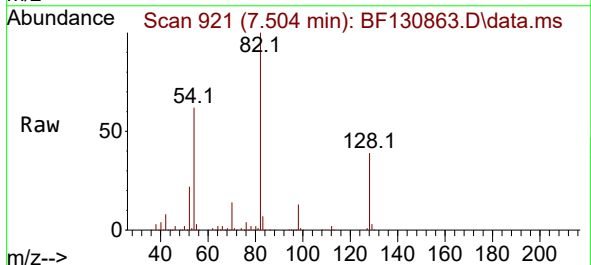
Instrument :
BNA_F
ClientSampleId :
MH-1-WC

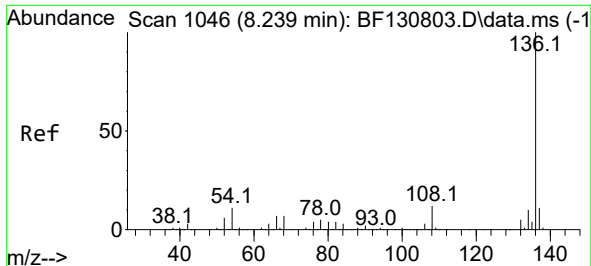
Tgt Ion: 99 Resp: 582705
Ion Ratio Lower Upper
99 100
42 23.2 18.8 28.2
71 40.1 31.4 47.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.671 ng
RT: 7.504 min Scan# 921
Delta R.T. 0.141 min
Lab File: BF130863.D
Acq: 29 Oct 2022 18:18

Tgt Ion: 70 Resp: 48263
Ion Ratio Lower Upper
70 100
42 57.7 56.1 84.1
101 0.0 7.3 10.9#
130 1.0 15.2 22.8#



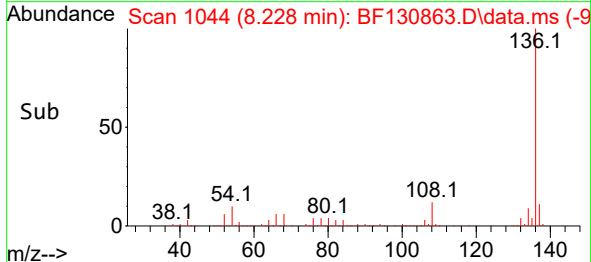
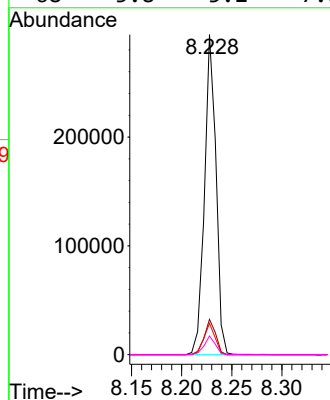
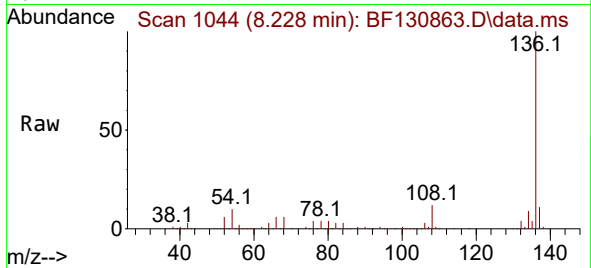


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130863.D
Acq: 29 Oct 2022 18:18

Instrument :
BNA_F
ClientSampleId :
MH-1-WC

Tgt Ion:136 Resp: 235579

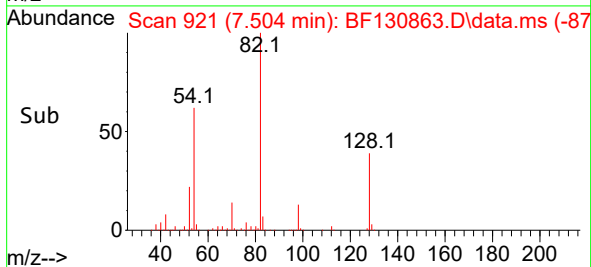
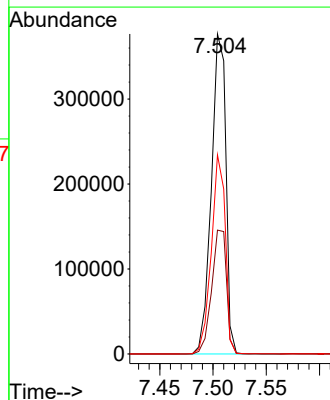
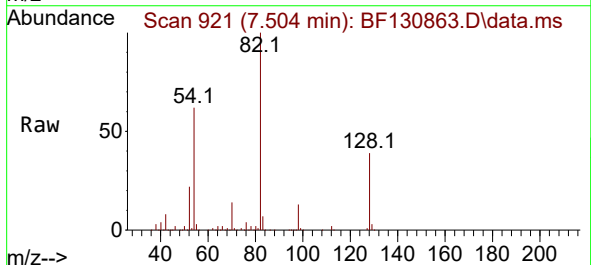
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	9.8	8.8	13.2
68	5.8	5.2	7.8



#23
Nitrobenzene-d5
Concen: 91.529 ng
RT: 7.504 min Scan# 921
Delta R.T. -0.012 min
Lab File: BF130863.D
Acq: 29 Oct 2022 18:18

Tgt Ion: 82 Resp: 357592

Ion	Ratio	Lower	Upper
82	100		
128	38.7	31.2	46.8
54	62.2	48.0	72.0

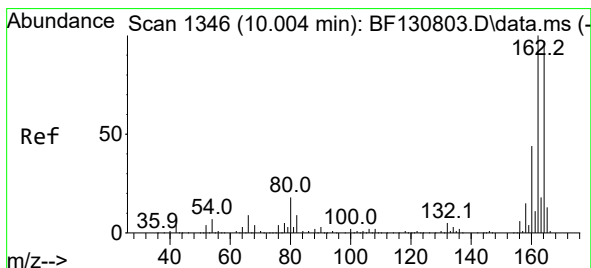
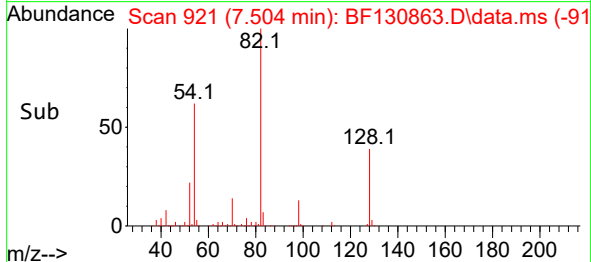
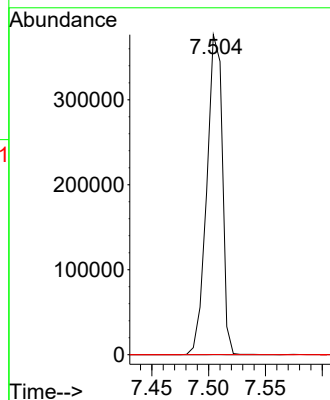
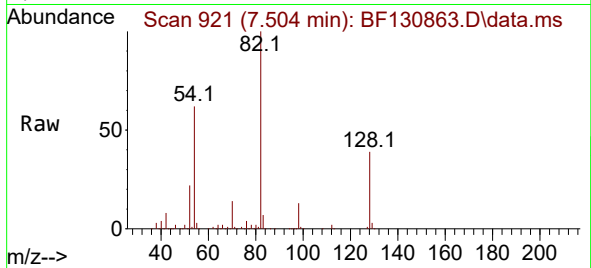




#25
Isophorone
Concen: 44.385 ng
RT: 7.504 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF130863.D
Acq: 29 Oct 2022 18:18

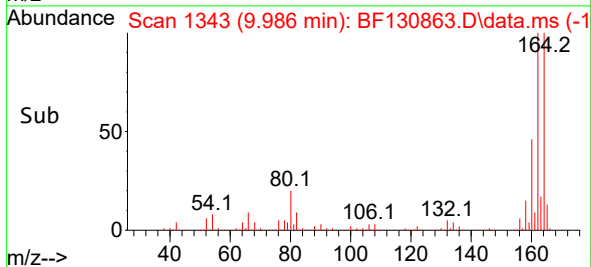
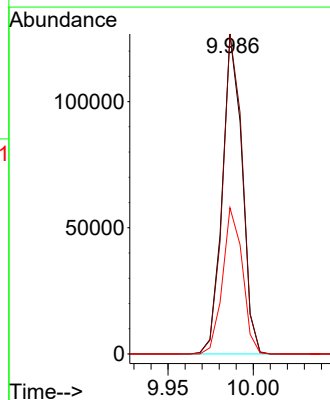
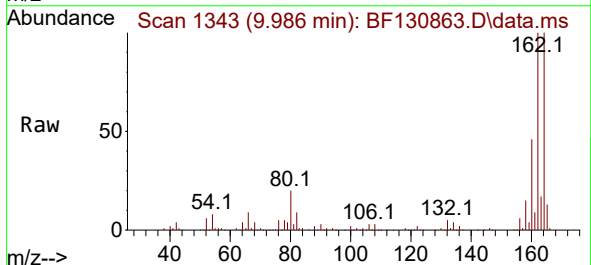
Instrument :
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ClientSampleId :
MH-1-WC

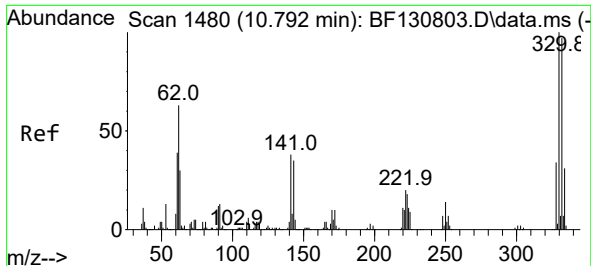
Tgt Ion: 82 Resp: 357588
Ion Ratio Lower Upper
82 100
95 0.1 6.2 9.4#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BF130863.D
Acq: 29 Oct 2022 18:18

Tgt Ion: 164 Resp: 101866
Ion Ratio Lower Upper
164 100
162 100.1 82.2 123.2
160 45.8 36.6 54.8

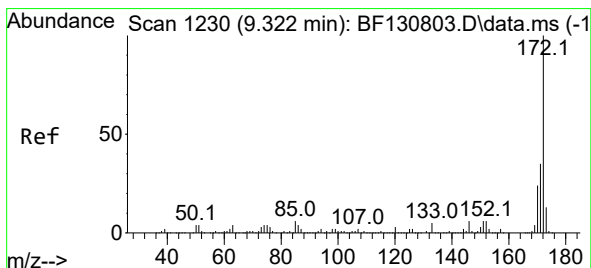
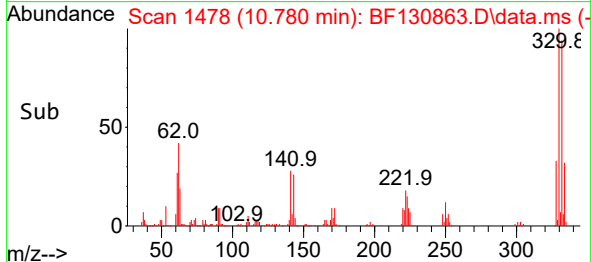
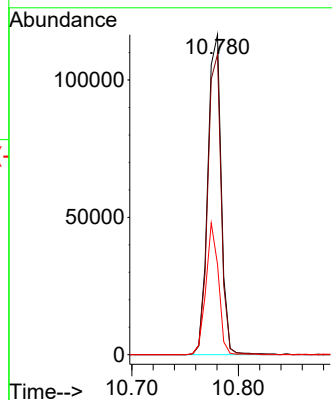
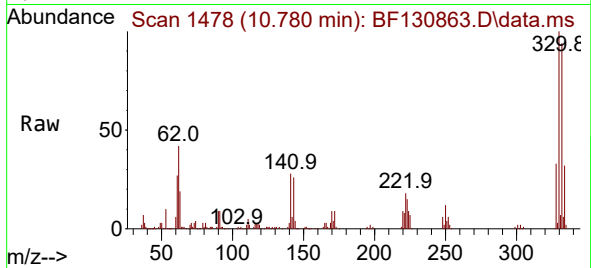




#42
2,4,6-Tribromophenol
Concen: 119.907 ng
RT: 10.780 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF130863.D
Acq: 29 Oct 2022 18:18

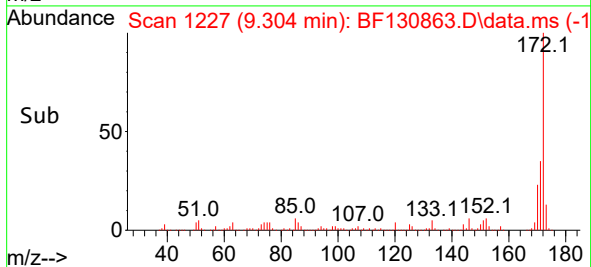
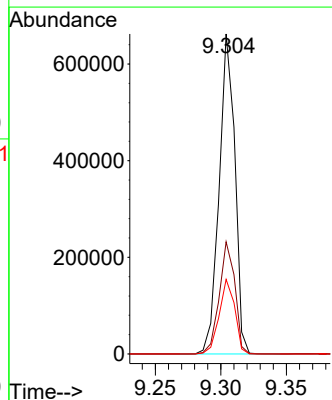
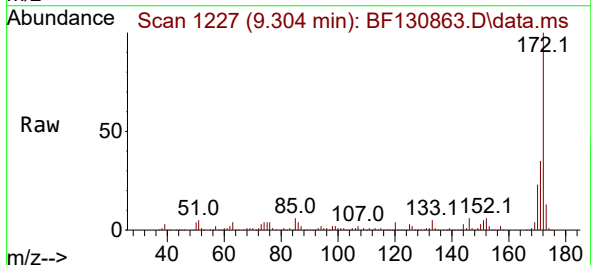
Instrument :
BNA_F
ClientSampleId :
MH-1-WC

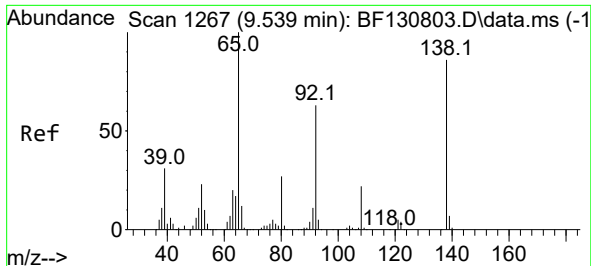
Tgt Ion:330 Resp: 102821
Ion Ratio Lower Upper
330 100
332 93.6 76.2 114.4
141 38.4 31.4 47.0



#45
2-Fluorobiphenyl
Concen: 81.774 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF130863.D
Acq: 29 Oct 2022 18:18

Tgt Ion:172 Resp: 550971
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.3 19.0 28.4

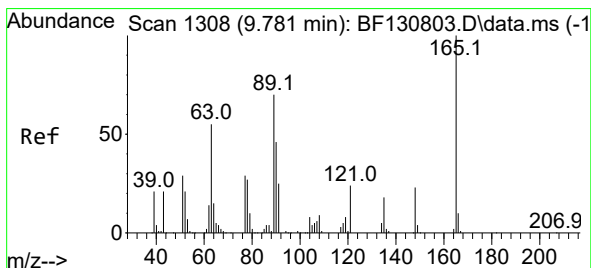
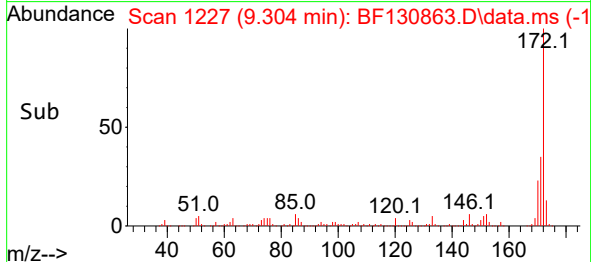
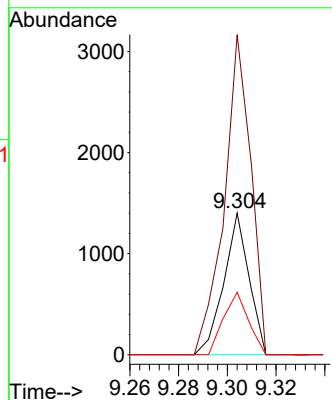
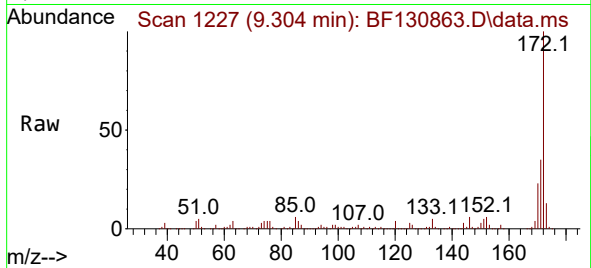




#48
2-Nitroaniline
Concen: 4.638 ng
RT: 9.304 min Scan# 11
Delta R.T. -0.229 min
Lab File: BF130863.D
Acq: 29 Oct 2022 18:18

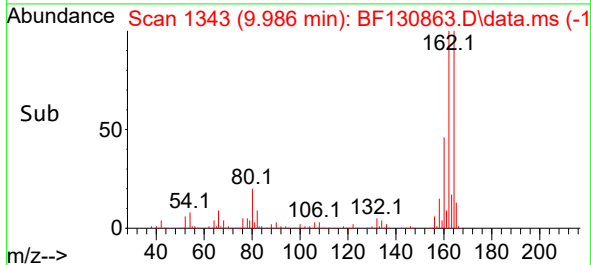
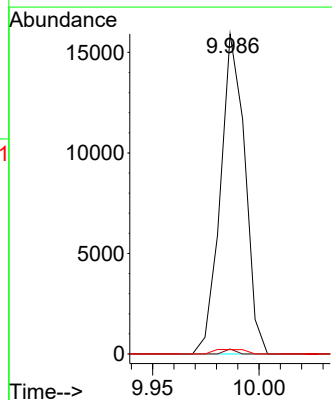
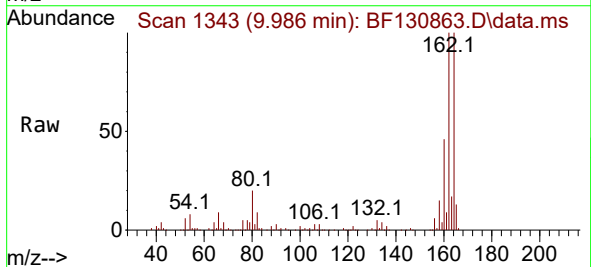
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BNA_F
ClientSampleId :
MH-1-WC

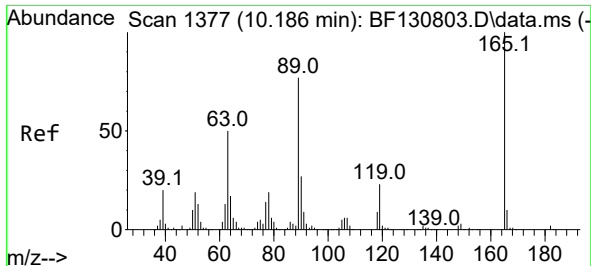
Tgt Ion: 65 Resp: 1006
Ion Ratio Lower Upper
65 100
92 226.0 50.1 75.1#
138 44.1 69.2 103.8#



#51
2,6-Dinitrotoluene
Concen: 11.799 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.212 min
Lab File: BF130863.D
Acq: 29 Oct 2022 18:18

Tgt Ion: 165 Resp: 12723
Ion Ratio Lower Upper
165 100
63 1.6 61.8 92.8#
89 1.3 56.2 84.4#

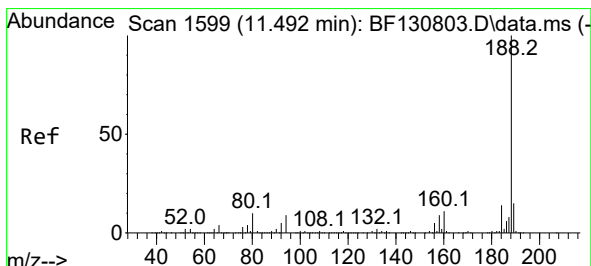
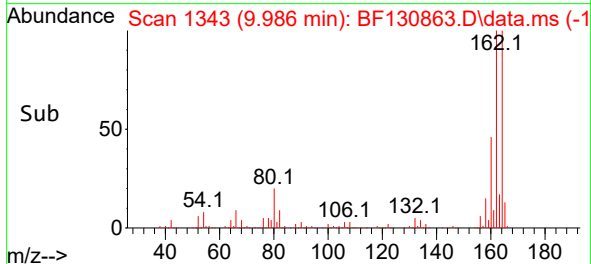
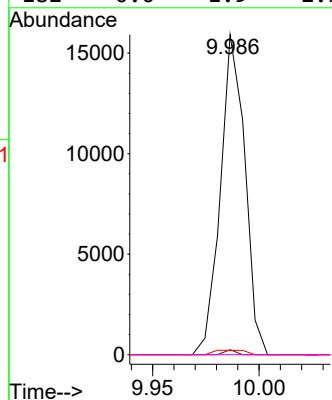
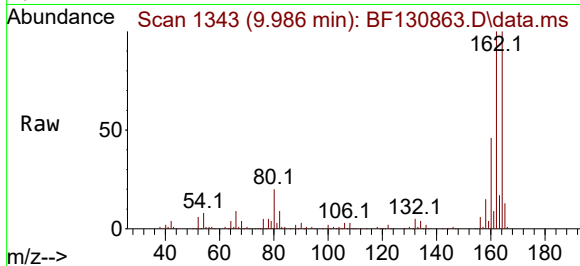




#57
2,4-Dinitrotoluene
Concen: 10.732 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130863.D
Acq: 29 Oct 2022 18:18

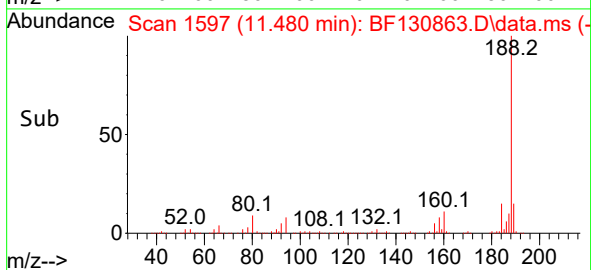
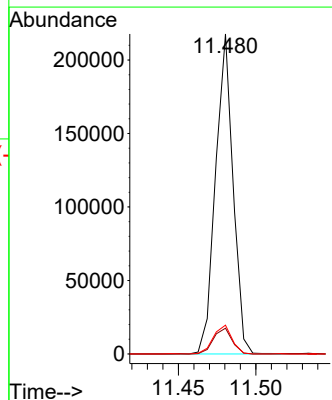
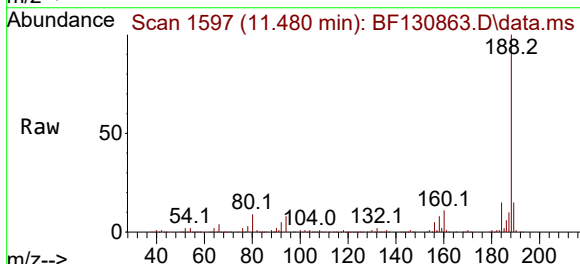
Instrument :
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MH-1-WC

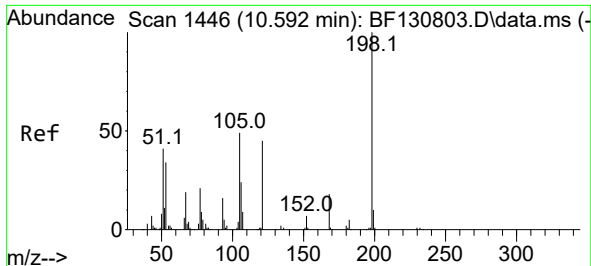
Tgt Ion:165 Resp: 12723
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.3 61.9 92.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF130863.D
Acq: 29 Oct 2022 18:18

Tgt Ion:188 Resp: 171002
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 9.0 8.0 12.0

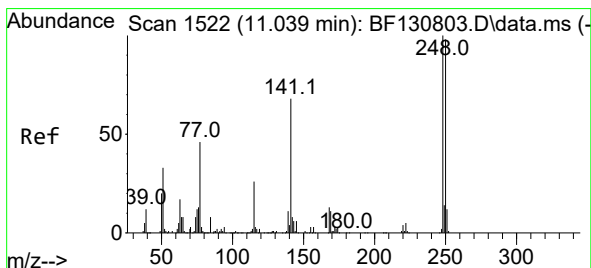
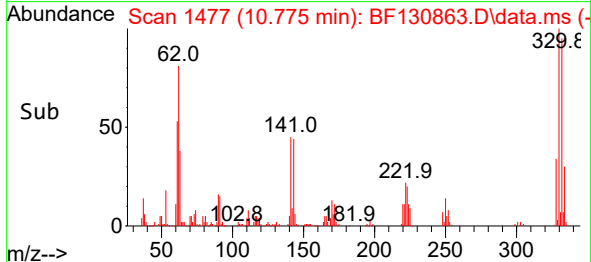
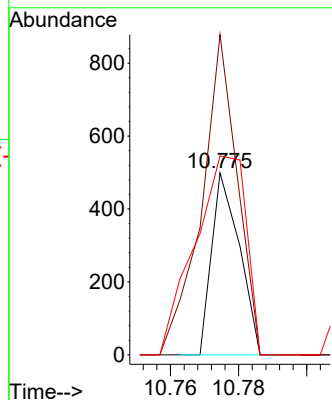
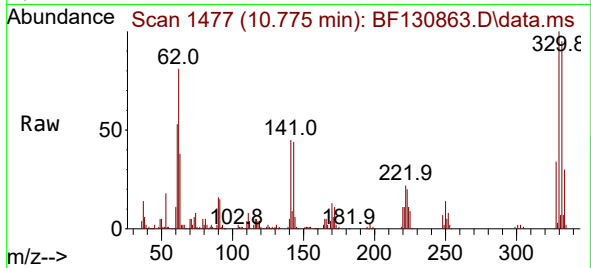




#65
4,6-Dinitro-2-methylphenol
Concen: 8.257 ng
RT: 10.775 min Scan# 1446
Delta R.T. 0.188 min
Lab File: BF130863.D
Acq: 29 Oct 2022 18:18

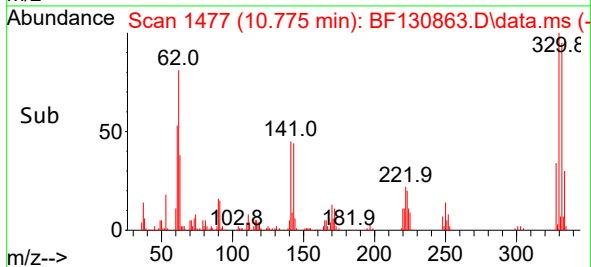
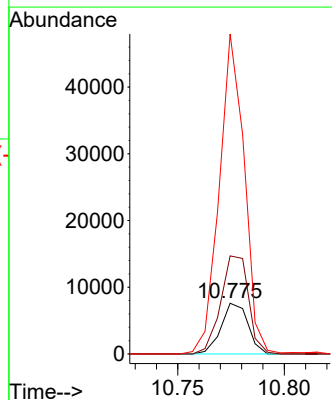
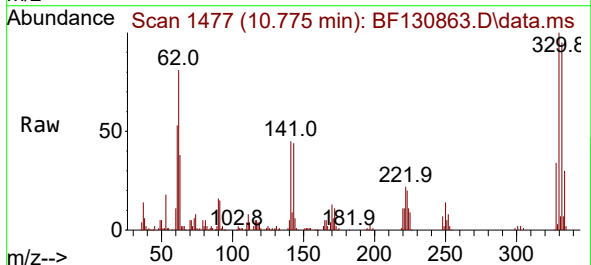
Instrument :
BNA_F
ClientSampleId :
MH-1-WC

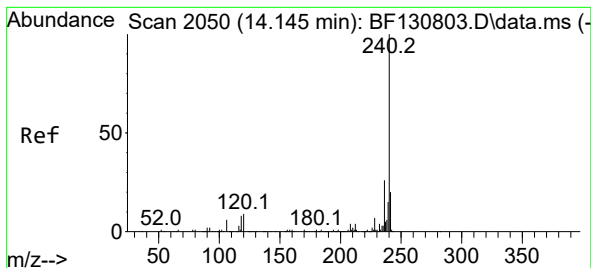
Tgt Ion:198 Resp: 281
Ion Ratio Lower Upper
198 100
51 176.0 39.0 79.0#
105 109.4 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.882 ng
RT: 10.775 min Scan# 1477
Delta R.T. -0.253 min
Lab File: BF130863.D
Acq: 29 Oct 2022 18:18

Tgt Ion:248 Resp: 6676
Ion Ratio Lower Upper
248 100
250 193.2 78.6 117.8#
141 630.0 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: BF130863.D

Acq: 29 Oct 2022 18:18

Instrument :

BNA_F

ClientSampleId :

MH-1-WC

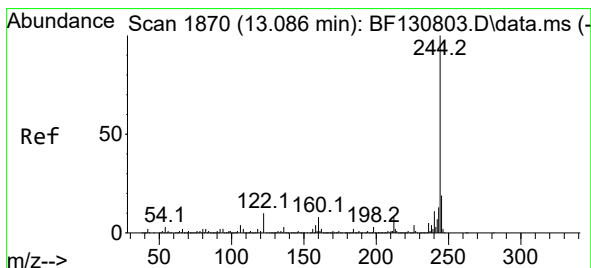
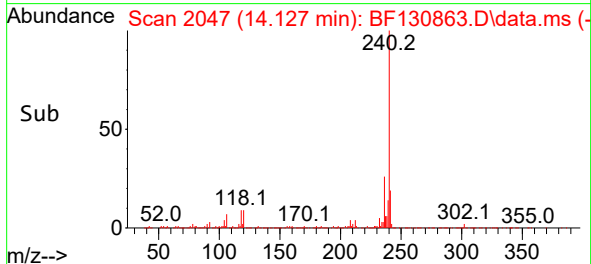
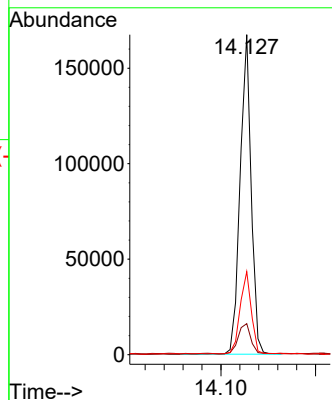
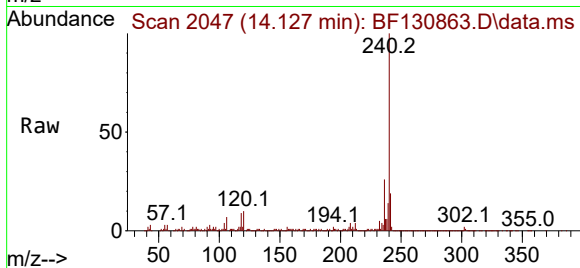
Tgt Ion:240 Resp: 134992

Ion Ratio Lower Upper

240 100

120 9.7 7.0 10.4

236 26.0 20.5 30.7



#79

Terphenyl-d14

Concen: 66.162 ng

RT: 13.069 min Scan# 1867

Delta R.T. -0.006 min

Lab File: BF130863.D

Acq: 29 Oct 2022 18:18

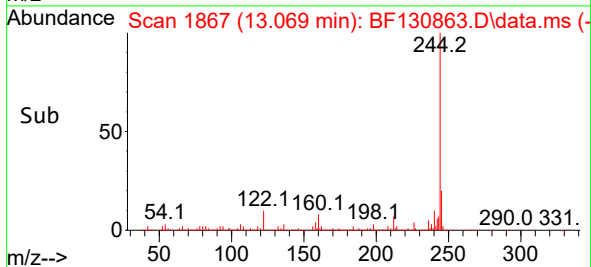
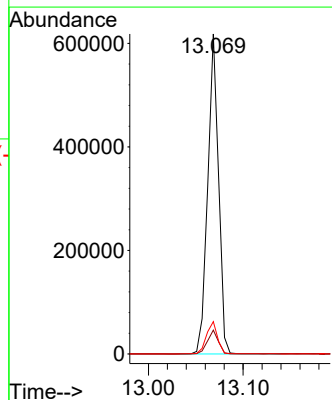
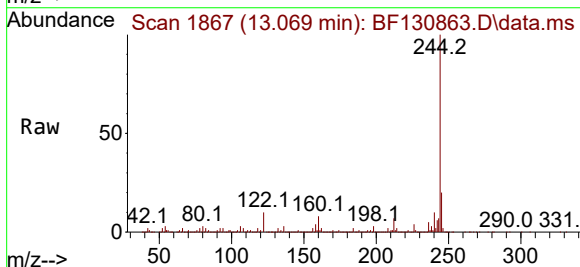
Tgt Ion:244 Resp: 487398

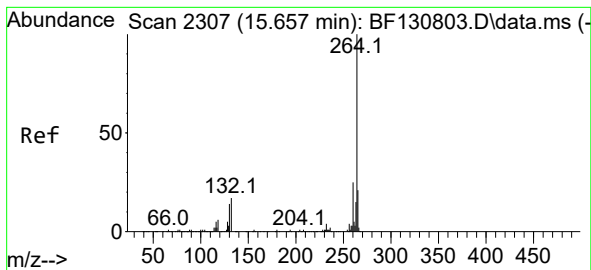
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

122 10.1 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF130863.D
 Acq: 29 Oct 2022 18:18

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-WC

Tgt Ion:264 Resp: 98560
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.9 29.9
 265 22.4 17.0 25.6

