

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133118.D
 Acq On : 28 Apr 2023 12:23
 Operator : CG\JU
 Sample : 02522-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: May 08 08:47:23 2023
 Quant Title :
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

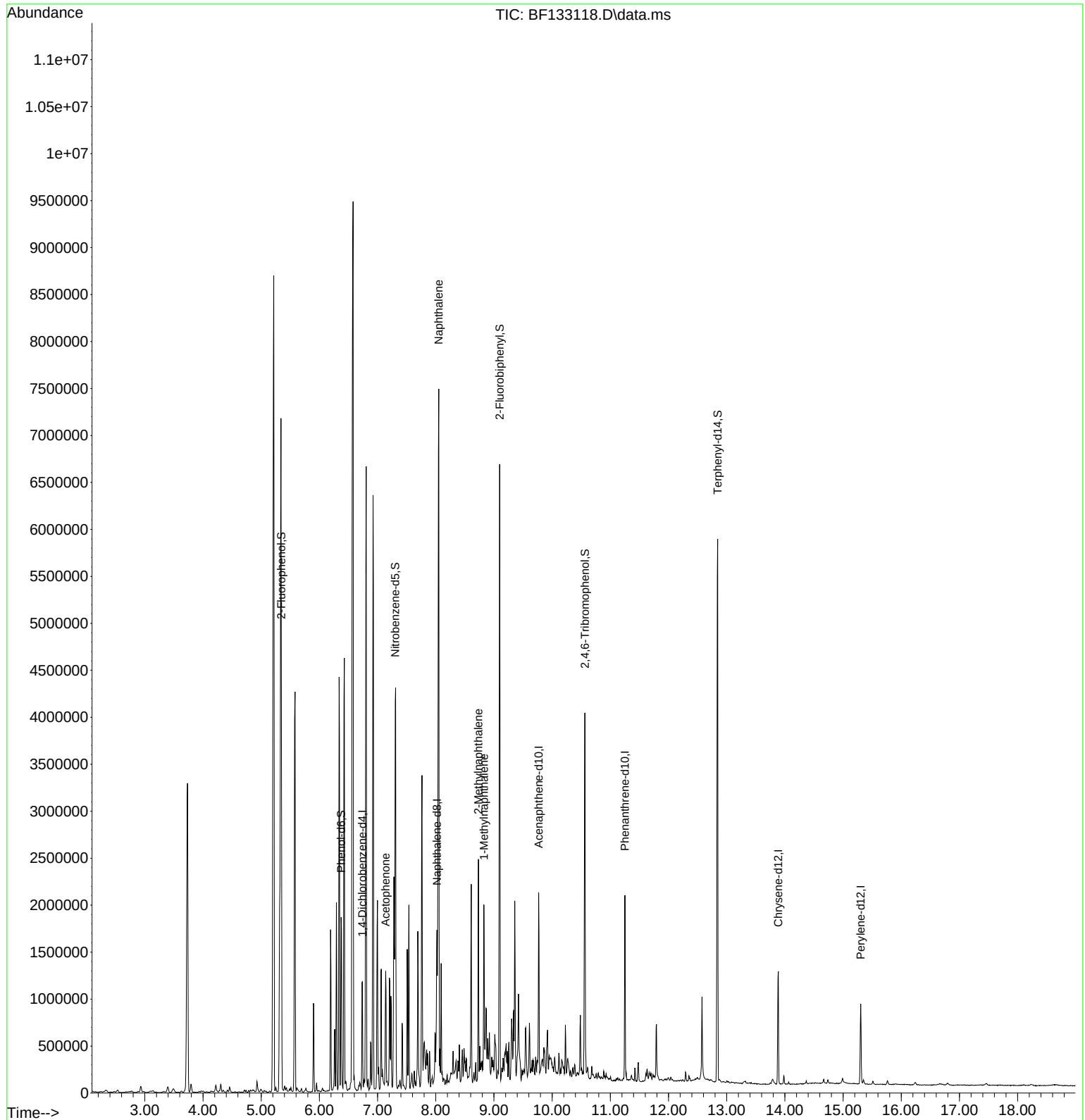
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	176852	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	708437	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	363921	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	658259	20.000	ng	0.00
76) Chrysene-d12	13.886	240	404613	20.000	ng	0.00
86) Perylene-d12	15.304	264	350737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	803900	68.666	ng	0.00
7) Phenol-d6	6.375	99	692935	47.686	ng	0.00
23) Nitrobenzene-d5	7.304	82	1206272	91.908	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	540365	147.644	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	2091581	96.153	ng	0.00
79) Terphenyl-d14	12.845	244	2350108	100.174	ng	0.00
Target Compounds						
22) Acetophenone	7.139	105	437204	26.641	ng	Qvalue
31) Naphthalene	8.051	128	3611604	101.966	ng	# 80
37) 2-Methylnaphthalene	8.733	142	502884	20.767	ng	98
38) 1-Methylnaphthalene	8.828	142	333228	14.710	ng	99

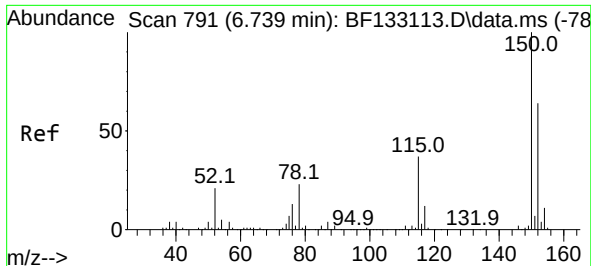
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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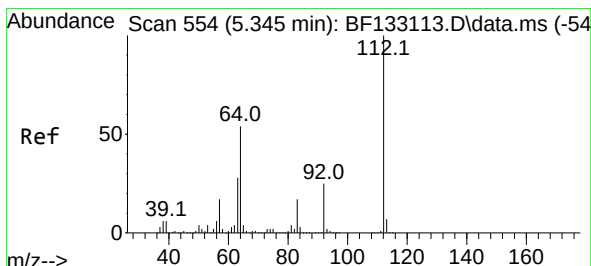
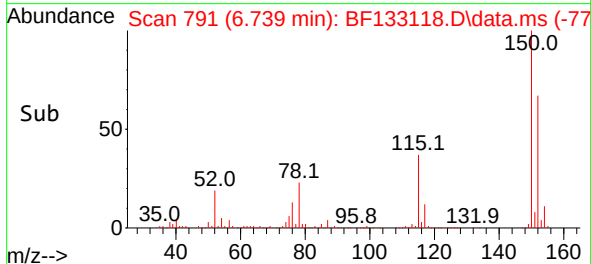
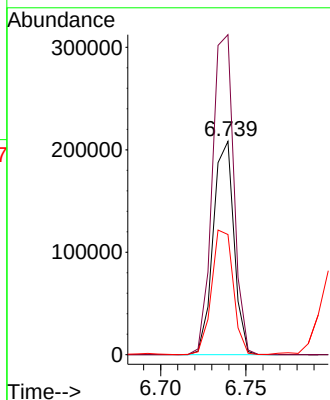
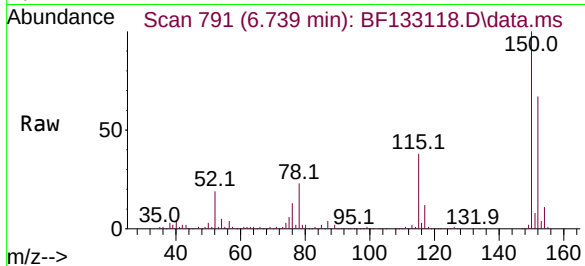




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: BF133118.D
 Acq: 28 Apr 2023 12:23

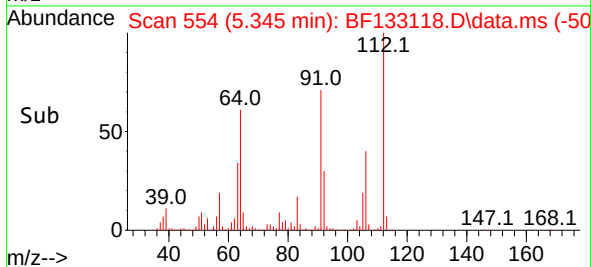
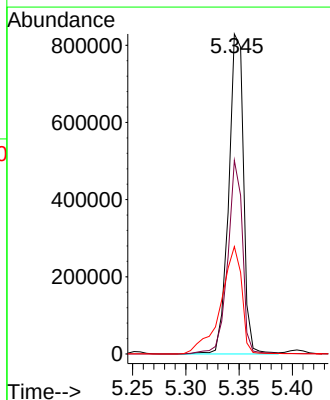
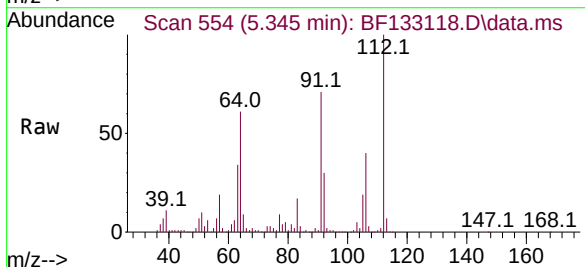
Instrument :
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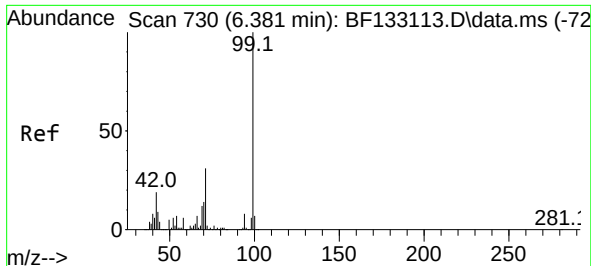
Tgt Ion:152 Resp: 176852
 Ion Ratio Lower Upper
 152 100
 150 150.0 124.8 187.2
 115 56.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 68.666 ng
 RT: 5.345 min Scan# 554
 Delta R.T. 0.000 min
 Lab File: BF133118.D
 Acq: 28 Apr 2023 12:23

Tgt Ion:112 Resp: 803900
 Ion Ratio Lower Upper
 112 100
 64 60.5 46.8 70.2
 63 33.5 23.8 35.8





#7

Phenol-d6

Concen: 47.686 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133118.D

Acq: 28 Apr 2023 12:23

Instrument :

BNA_F

ClientSampleId :

MW-3

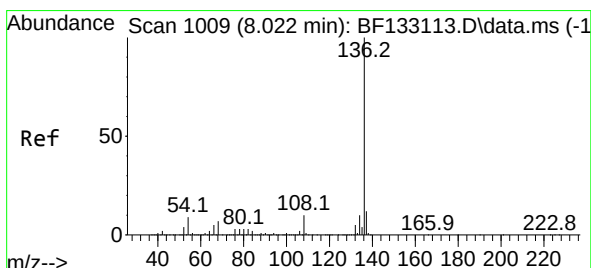
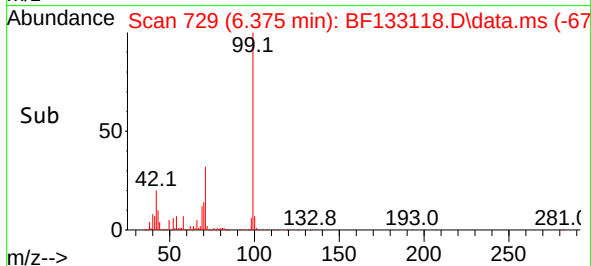
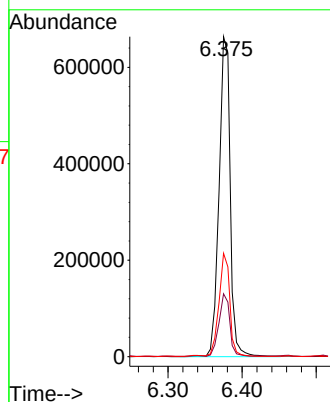
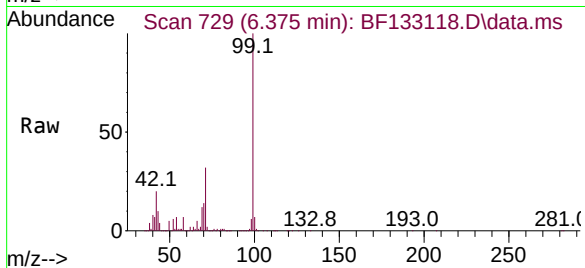
Tgt Ion: 99 Resp: 692935

Ion Ratio Lower Upper

99 100

42 19.7 16.3 24.5

71 32.3 25.6 38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.022 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF133118.D

Acq: 28 Apr 2023 12:23

Tgt Ion: 136 Resp: 708437

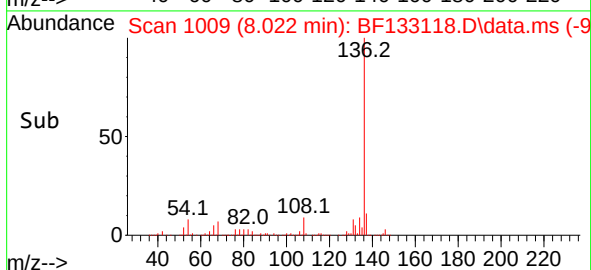
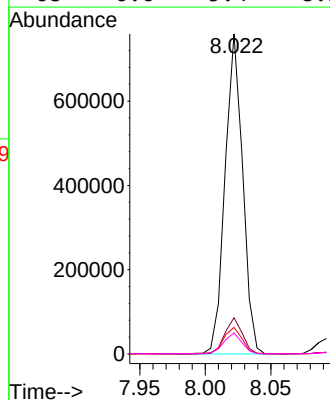
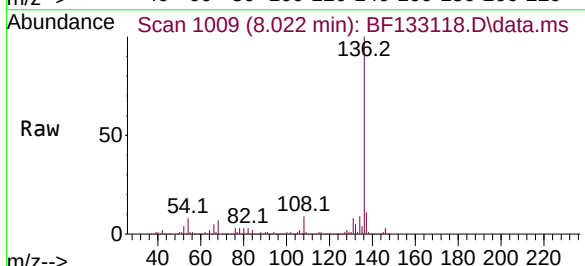
Ion Ratio Lower Upper

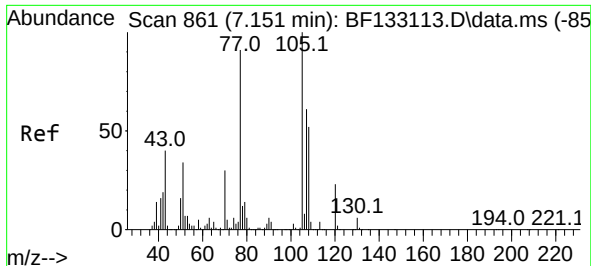
136 100

137 11.3 8.6 13.0

54 8.3 7.0 10.4

68 6.6 5.4 8.2

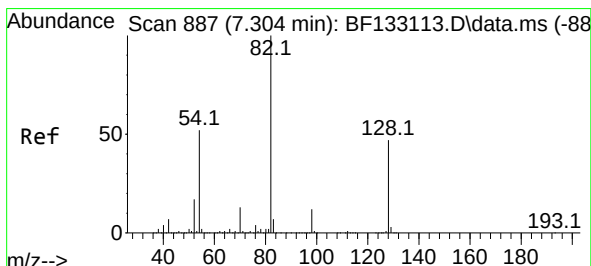
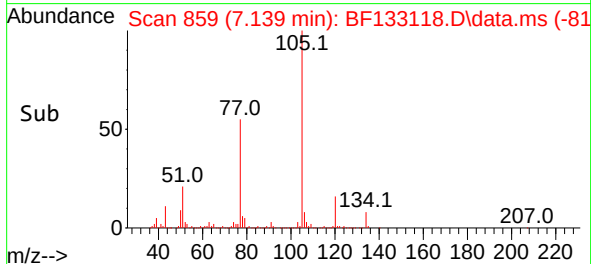
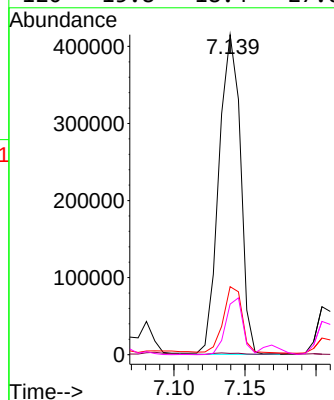
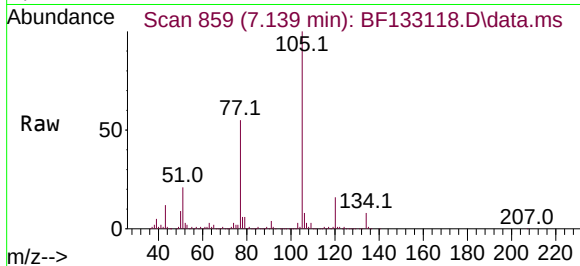




#22
Acetophenone
Concen: 26.641 ng
RT: 7.139 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF133118.D
Acq: 28 Apr 2023 12:23

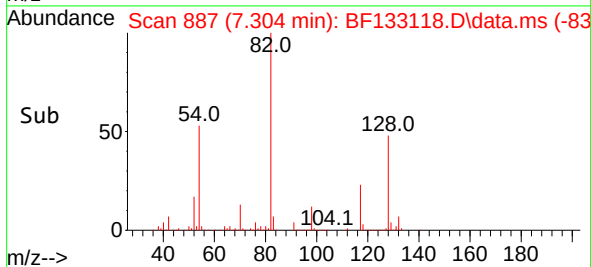
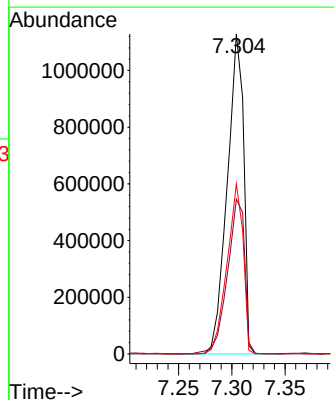
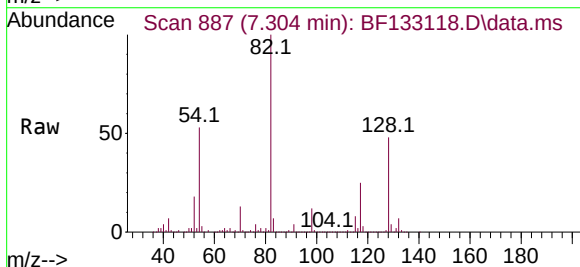
Instrument :
BNA_F
ClientSampleId :
MW-3

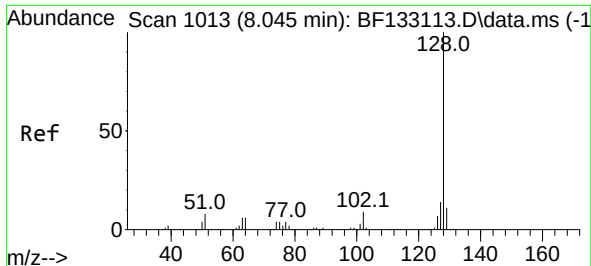
Tgt Ion:105 Resp: 437204
Ion Ratio Lower Upper
105 100
71 0.4 4.6 7.0#
51 21.2 28.2 42.2#
120 15.8 18.4 27.6#



#23
Nitrobenzene-d5
Concen: 91.908 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF133118.D
Acq: 28 Apr 2023 12:23

Tgt Ion: 82 Resp: 1206272
Ion Ratio Lower Upper
82 100
128 48.3 37.7 56.5
54 53.1 43.0 64.4

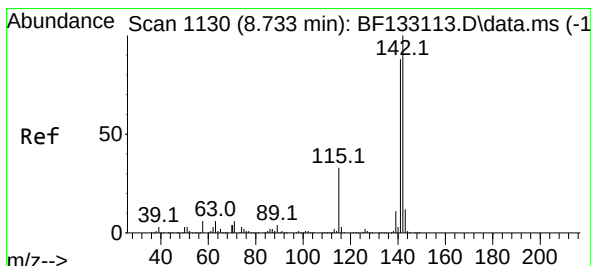
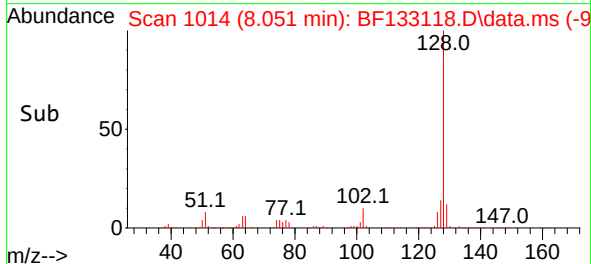
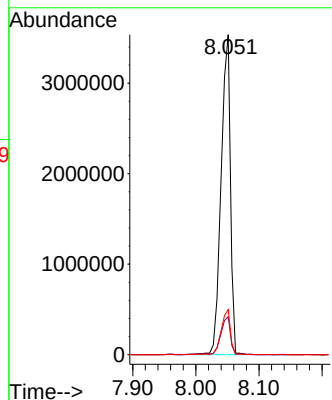
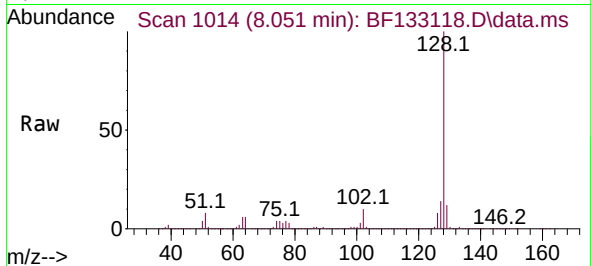




#31
Naphthalene
Concen: 101.966 ng
RT: 8.051 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF133118.D
Acq: 28 Apr 2023 12:23

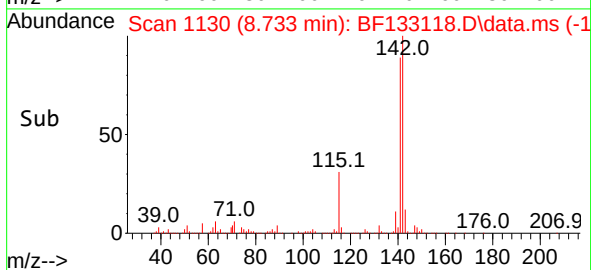
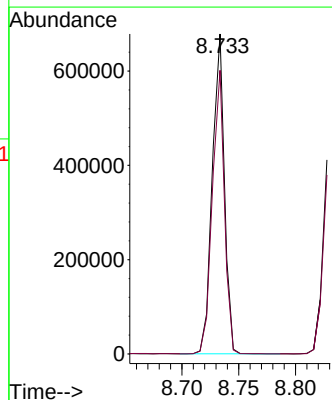
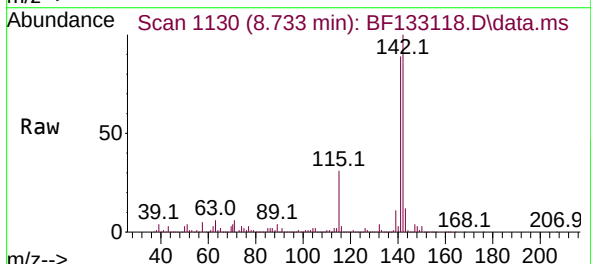
Instrument :
BNA_F
ClientSampleId :
MW-3

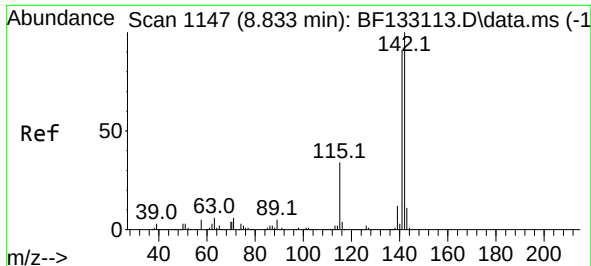
Tgt Ion:128 Resp: 3611604
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 14.1 10.7 16.1



#37
2-Methylnaphthalene
Concen: 20.767 ng
RT: 8.733 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF133118.D
Acq: 28 Apr 2023 12:23

Tgt Ion:142 Resp: 502884
Ion Ratio Lower Upper
142 100
141 88.6 69.4 104.0

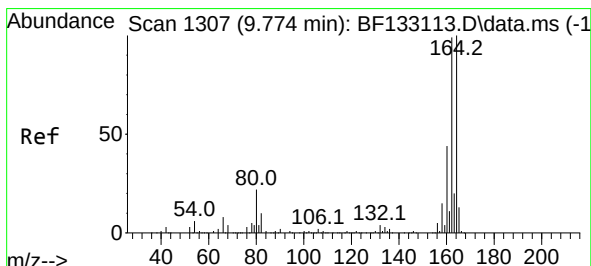
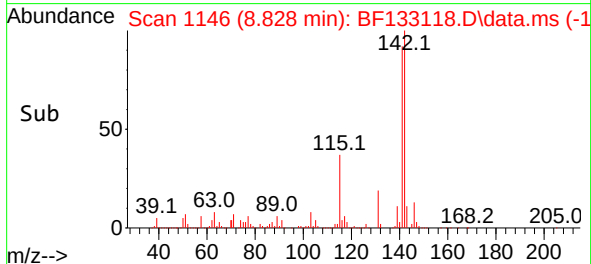
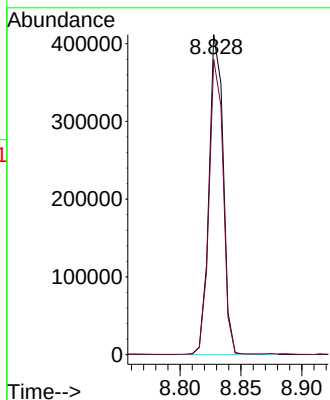
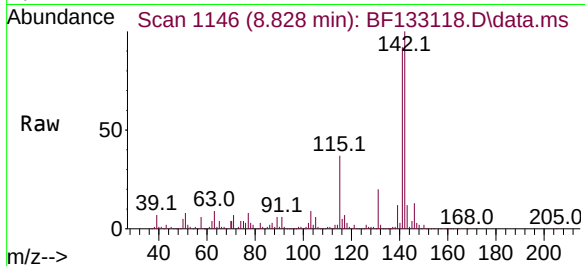




#38
1-Methylnaphthalene
Concen: 14.710 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF133118.D
Acq: 28 Apr 2023 12:23

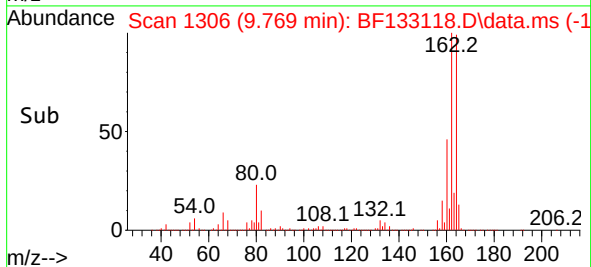
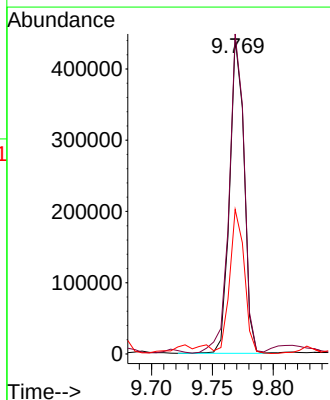
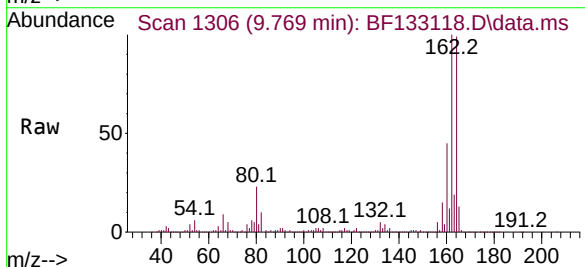
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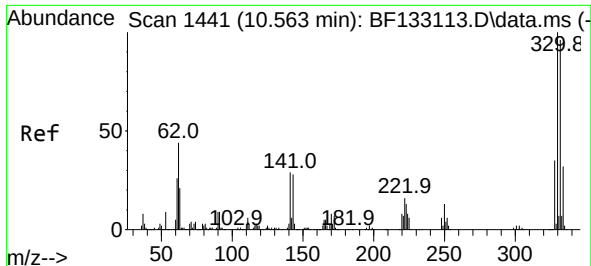
Tgt Ion:142 Resp: 333228
Ion Ratio Lower Upper
142 100
141 92.3 73.1 109.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133118.D
Acq: 28 Apr 2023 12:23

Tgt Ion:164 Resp: 363921
Ion Ratio Lower Upper
164 100
162 101.2 78.7 118.1
160 45.7 35.8 53.6

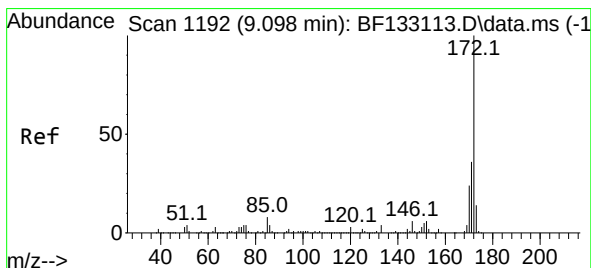
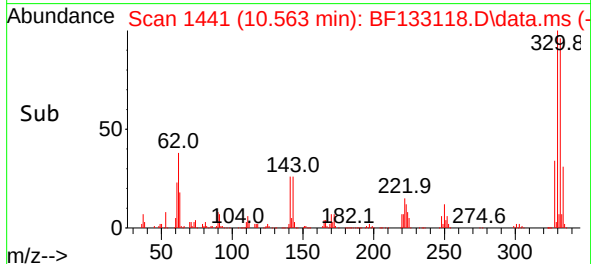
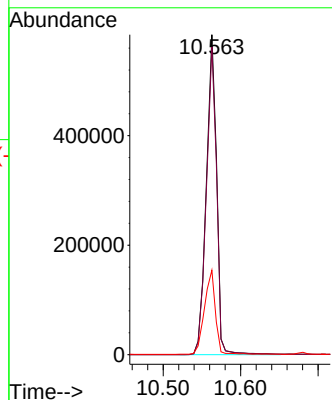
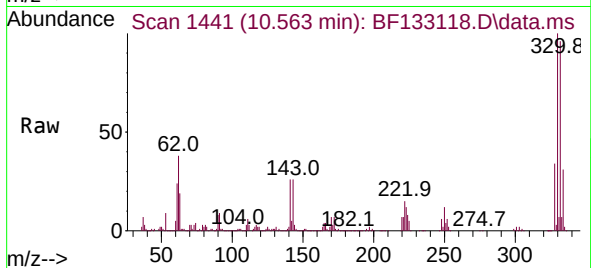




#42
2,4,6-Tribromophenol
Concen: 147.644 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133118.D
Acq: 28 Apr 2023 12:23

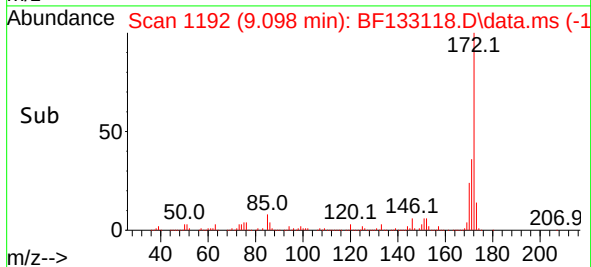
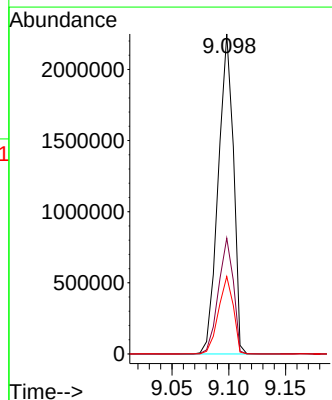
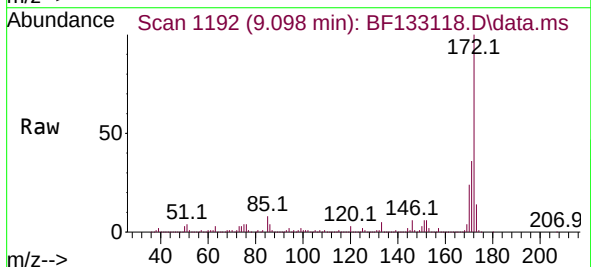
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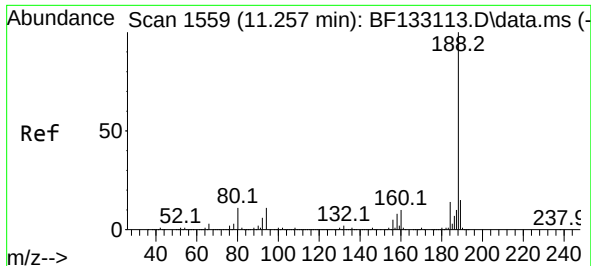
Tgt Ion:330 Resp: 540365
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 28.0 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 96.153 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF133118.D
Acq: 28 Apr 2023 12:23

Tgt Ion:172 Resp: 2091581
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.2 19.4 29.2

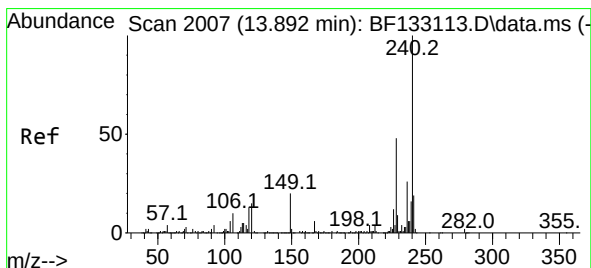
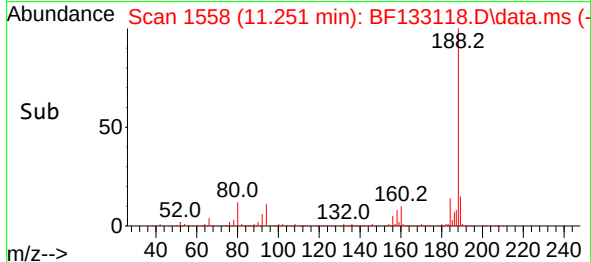
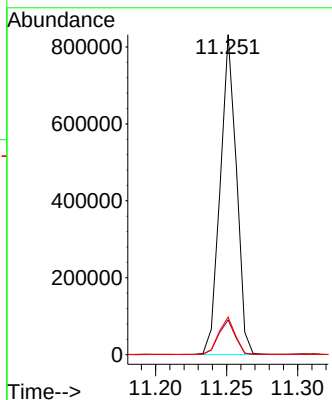
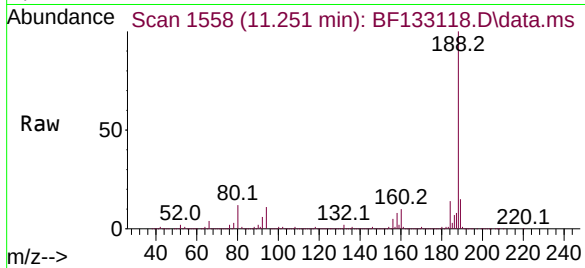




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133118.D
Acq: 28 Apr 2023 12:23

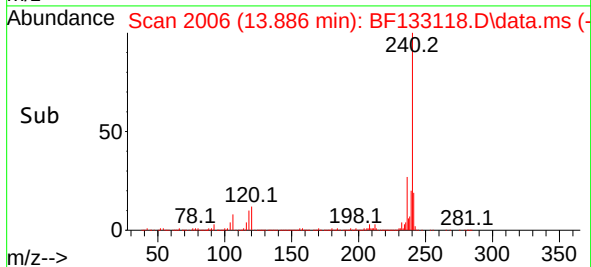
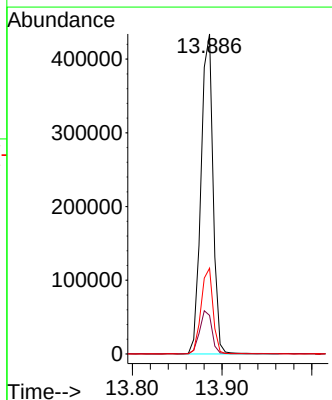
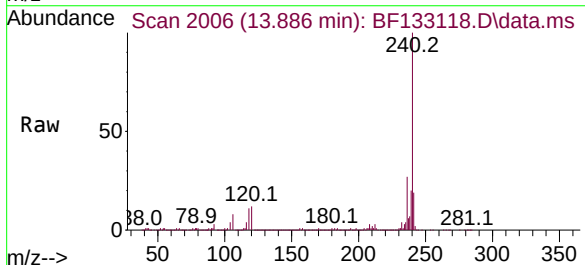
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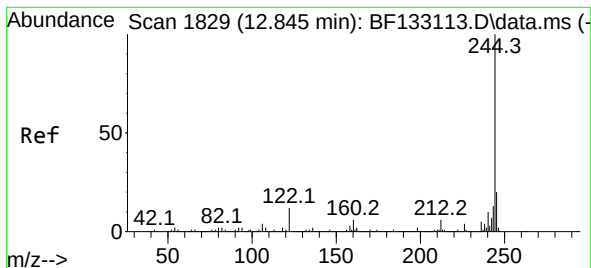
Tgt Ion:188 Resp: 658259
Ion Ratio Lower Upper
188 100
94 10.9 9.7 14.5
80 11.8 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF133118.D
Acq: 28 Apr 2023 12:23

Tgt Ion:240 Resp: 404613
Ion Ratio Lower Upper
240 100
120 12.0 10.5 15.7
236 26.8 21.5 32.3





#79

Terphenyl-d14

Concen: 100.174 ng

RT: 12.845 min Scan# 1829

Delta R.T. 0.000 min

Lab File: BF133118.D

Acq: 28 Apr 2023 12:23

Instrument :

BNA_F

ClientSampleId :

MW-3

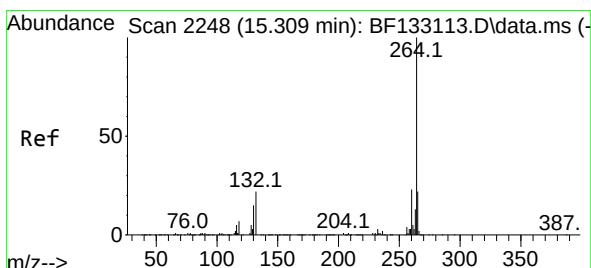
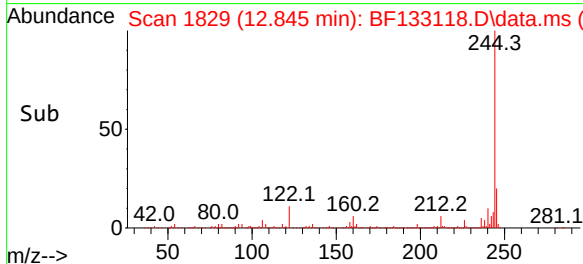
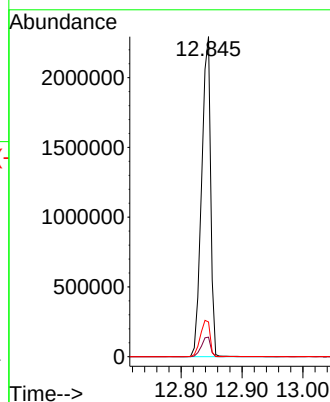
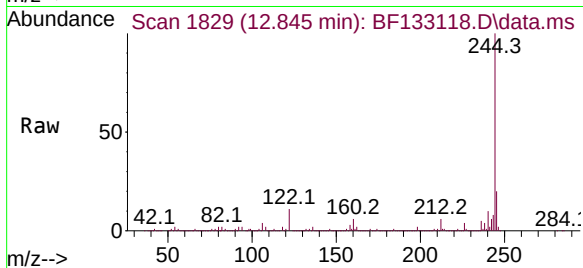
Tgt Ion:244 Resp: 2350108

Ion Ratio Lower Upper

244 100

212 6.1 5.1 7.7

122 10.8 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. -0.006 min

Lab File: BF133118.D

Acq: 28 Apr 2023 12:23

Tgt Ion:264 Resp: 350737

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.9 17.0 25.4

