

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
 Data File : BF133738.D
 Acq On : 13 Jun 2023 19:02
 Operator : CG\JU
 Sample : 03069-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP08

Quant Time: Jun 13 19:25:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

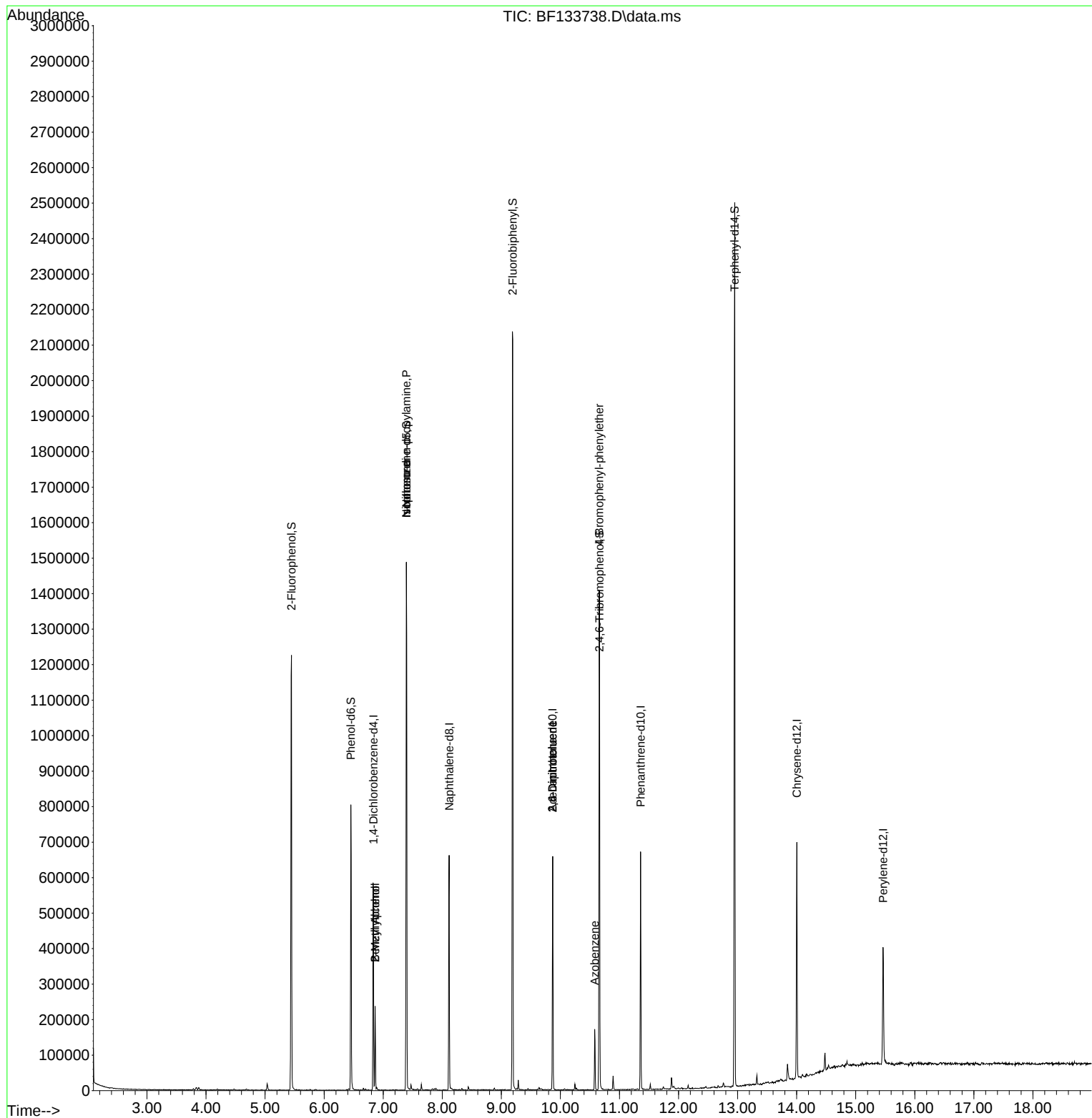
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	84998	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	270542	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	115601	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	213842	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	209726	20.000	ng	-0.01
86) Perylene-d12	15.463	264	145340	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	319231	65.384	ng	0.00
7) Phenol-d6	6.452	99	222869	35.068	ng	-0.02
23) Nitrobenzene-d5	7.393	82	437711	88.122	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	152391	104.142	ng	0.00
45) 2-Fluorobiphenyl	9.193	172	656606	80.741	ng	0.00
79) Terphenyl-d14	12.951	244	817703	60.330	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	6.863	79	14262	2.873	ng	# 35
17) 2-Methylphenol	6.863	107	11780	2.583	ng	# 17
19) n-Nitroso-di-n-propyla...	7.393	70	62060	15.348	ng	# 81
25) Isophorone	7.393	82	437705	47.999	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	14903	8.368	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	14903	6.579	ng	# 19
63) Azobenzene	10.581	77	28370	3.412	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	9715	4.070	ng	# 1

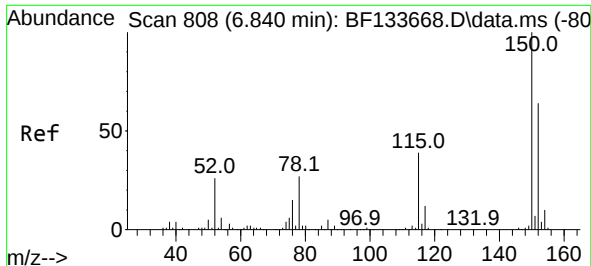
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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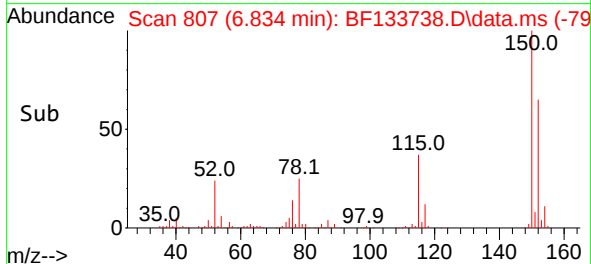
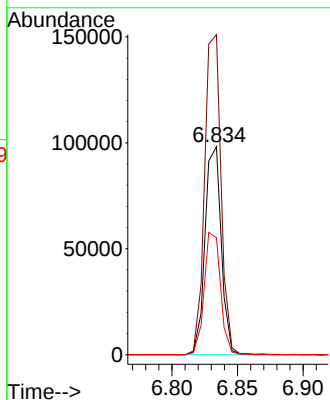
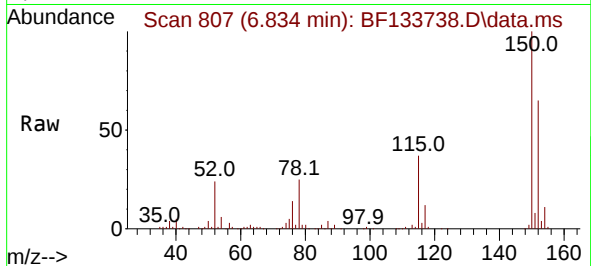




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133738.D
Acq: 13 Jun 2023 19:02

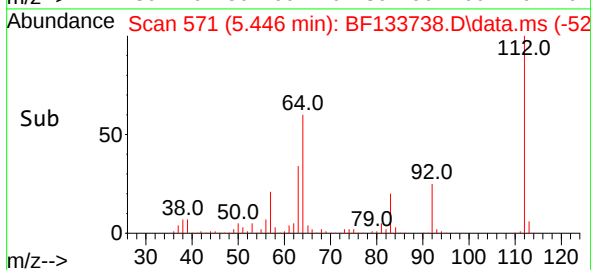
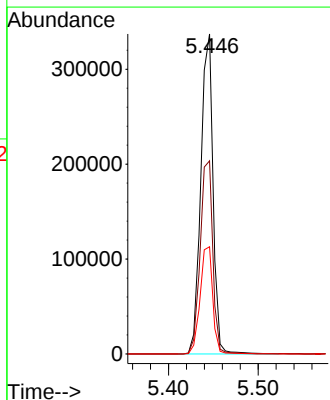
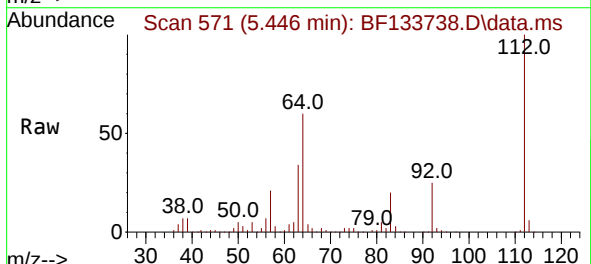
Instrument :
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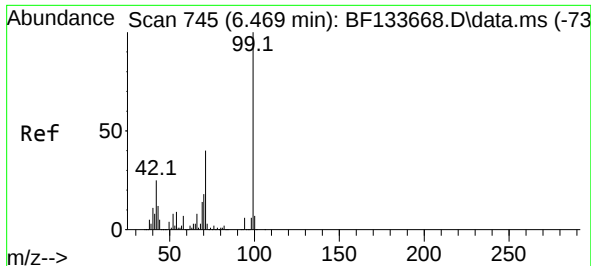
Tgt Ion:152 Resp: 84998
Ion Ratio Lower Upper
152 100
150 153.8 124.3 186.5
115 56.2 48.5 72.7



#5
2-Fluorophenol
Concen: 65.384 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF133738.D
Acq: 13 Jun 2023 19:02

Tgt Ion:112 Resp: 319231
Ion Ratio Lower Upper
112 100
64 60.4 49.0 73.4
63 33.5 26.8 40.2





#7

Phenol-d6

Concen: 35.068 ng

RT: 6.452 min Scan# 745

Delta R.T. -0.017 min

Lab File: BF133738.D

Acq: 13 Jun 2023 19:02

Instrument :

BNA_F

ClientSampleId :

TWP08

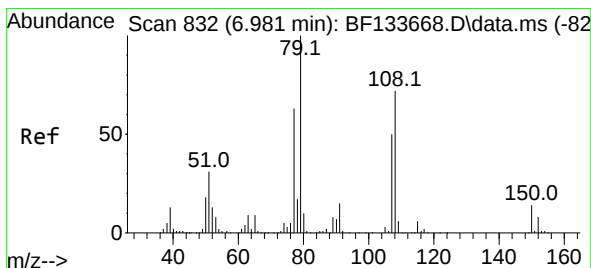
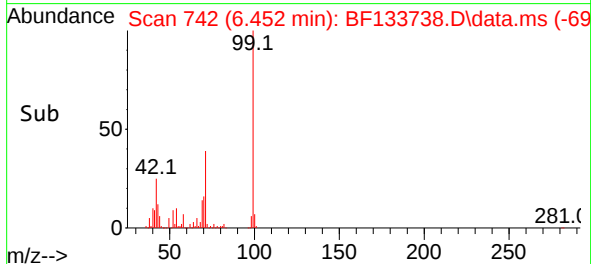
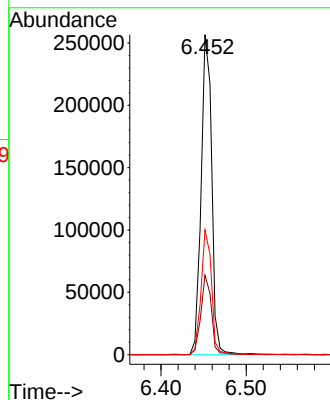
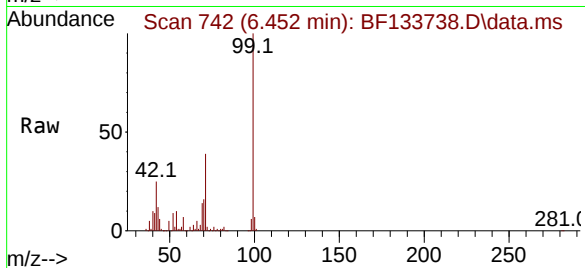
Tgt Ion: 99 Resp: 222869

Ion Ratio Lower Upper

99 100

42 24.8 19.9 29.9

71 38.9 32.2 48.4



#15

Benzyl Alcohol

Concen: 2.873 ng

RT: 6.863 min Scan# 812

Delta R.T. -0.117 min

Lab File: BF133738.D

Acq: 13 Jun 2023 19:02

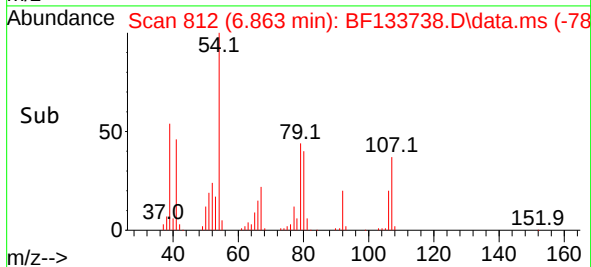
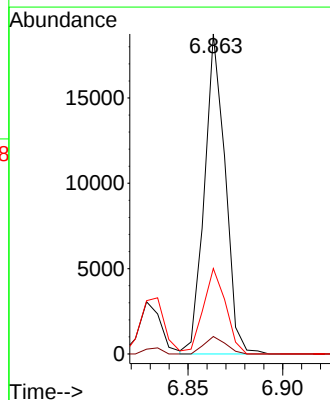
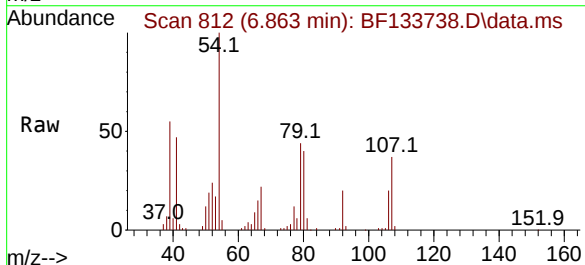
Tgt Ion: 79 Resp: 14262

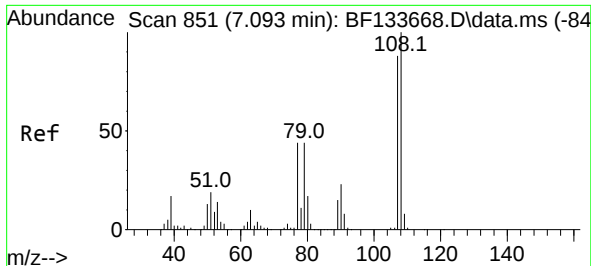
Ion Ratio Lower Upper

79 100

108 5.4 57.9 86.9#

77 26.7 50.4 75.6#

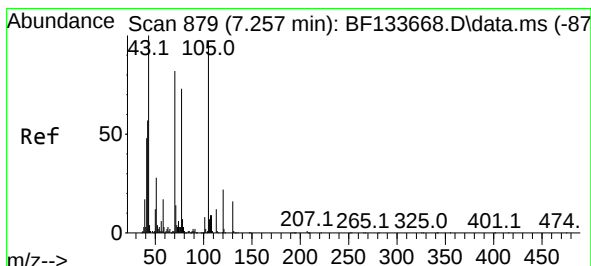
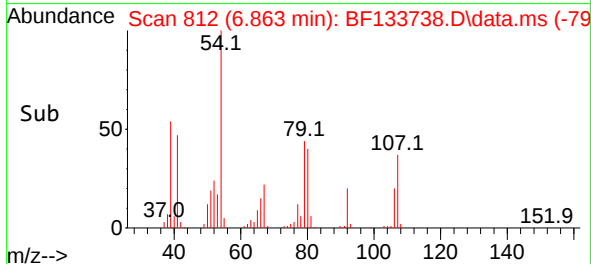
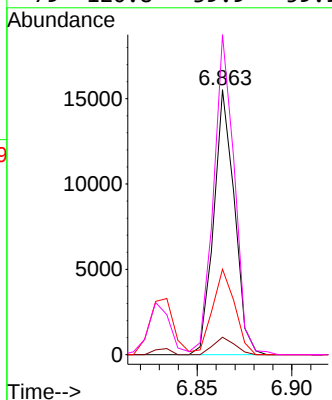
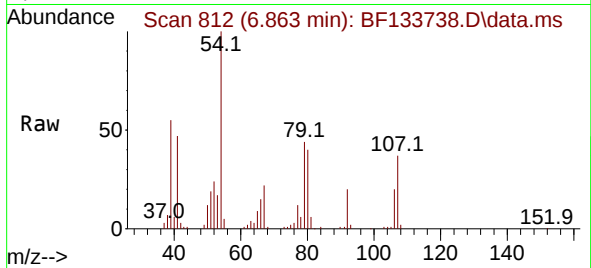




#17
2-Methylphenol
Concen: 2.583 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.223 min
Lab File: BF133738.D
Acq: 13 Jun 2023 19:02

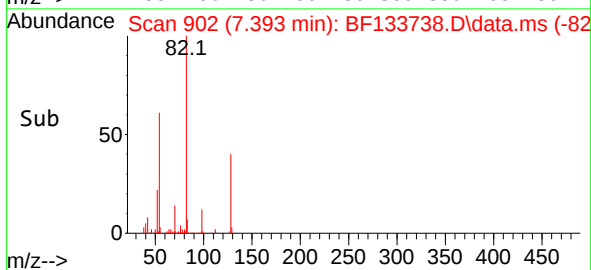
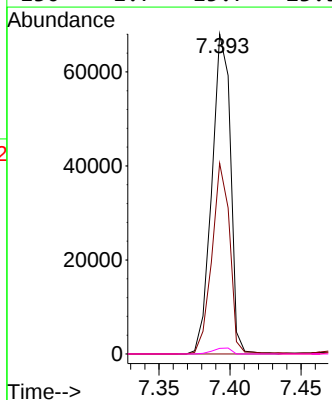
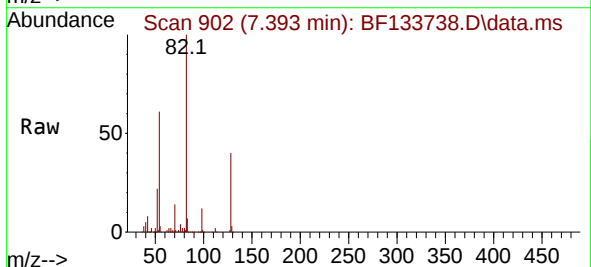
Instrument :
BNA_F
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TWP08

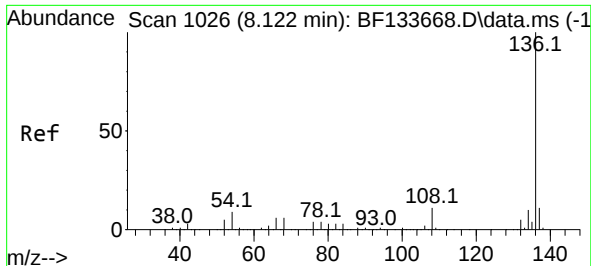
Tgt Ion:107 Resp: 11780
Ion Ratio Lower Upper
107 100
108 6.6 90.9 136.3#
77 32.2 39.8 59.6#
79 120.8 39.9 59.9#



#19
n-Nitroso-di-n-propylamine
Concen: 15.348 ng
RT: 7.393 min Scan# 902
Delta R.T. 0.142 min
Lab File: BF133738.D
Acq: 13 Jun 2023 19:02

Tgt Ion: 70 Resp: 62060
Ion Ratio Lower Upper
70 100
42 59.6 55.8 83.8
101 0.0 8.1 12.1#
130 1.7 15.7 23.5#

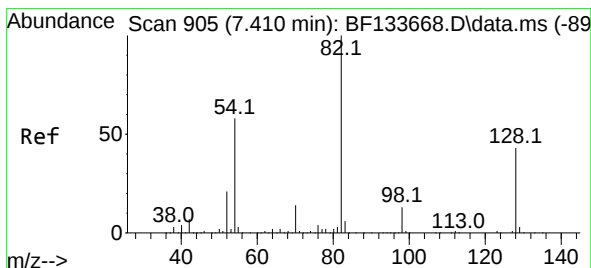
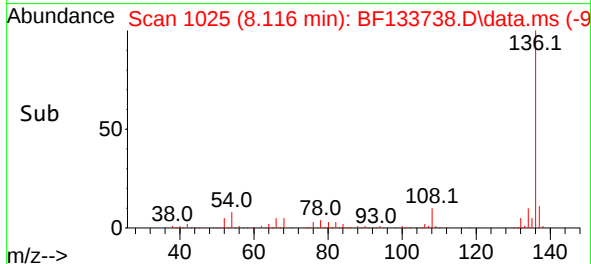
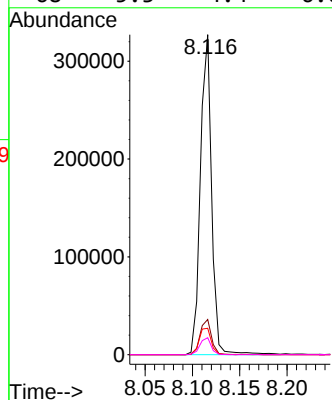
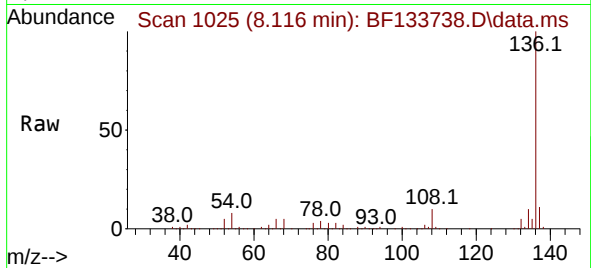




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.005 min
Lab File: BF133738.D
Acq: 13 Jun 2023 19:02

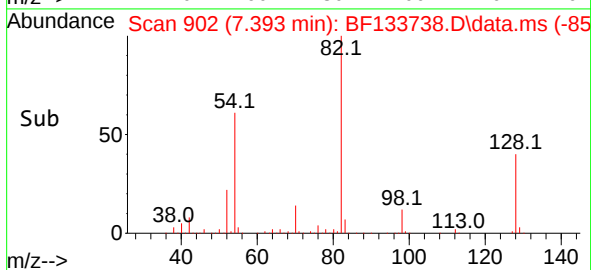
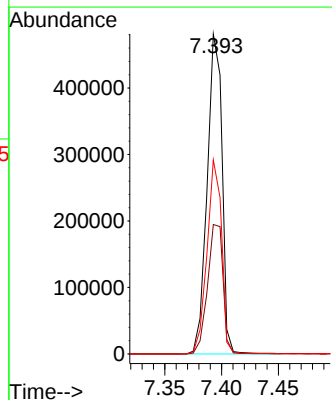
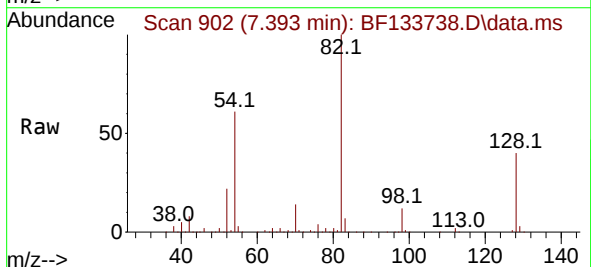
Instrument :
BNA_F
ClientSampleId :
TWP08

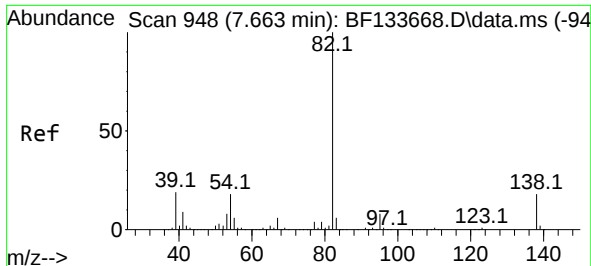
Tgt Ion:136 Resp: 270542
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.3 7.4 11.0
68 5.3 4.4 6.6



#23
Nitrobenzene-d5
Concen: 88.122 ng
RT: 7.393 min Scan# 902
Delta R.T. -0.011 min
Lab File: BF133738.D
Acq: 13 Jun 2023 19:02

Tgt Ion: 82 Resp: 437711
Ion Ratio Lower Upper
82 100
128 40.5 34.2 51.2
54 60.7 46.5 69.7

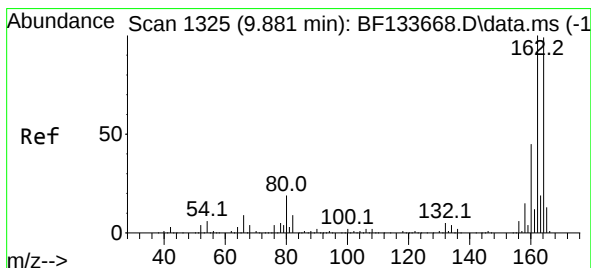
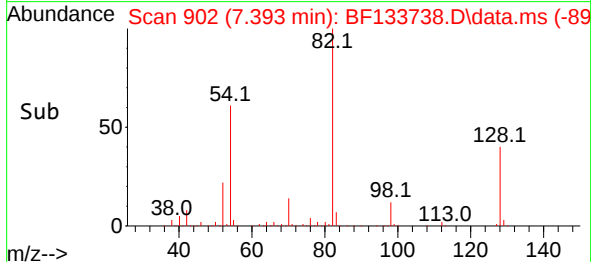
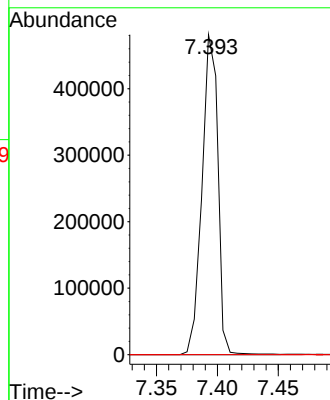
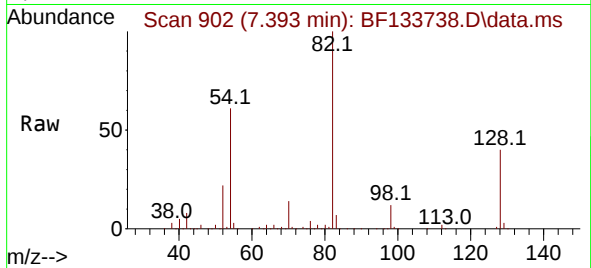




#25
Isophorone
Concen: 47.999 ng
RT: 7.393 min Scan# 90
Delta R.T. -0.264 min
Lab File: BF133738.D
Acq: 13 Jun 2023 19:02

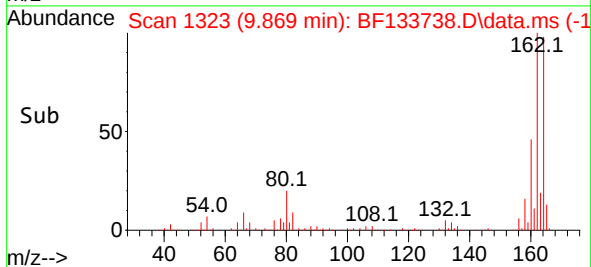
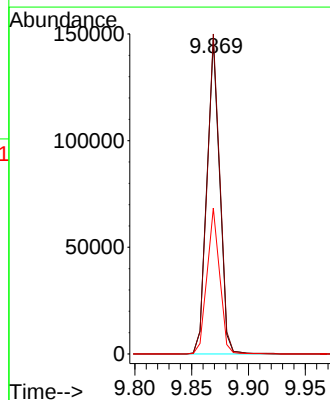
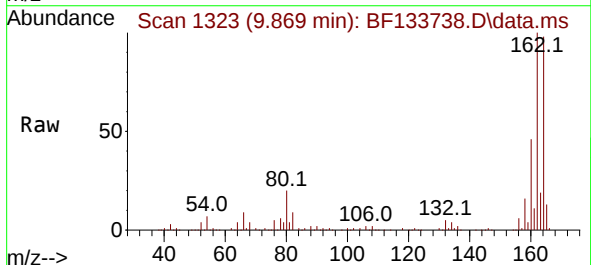
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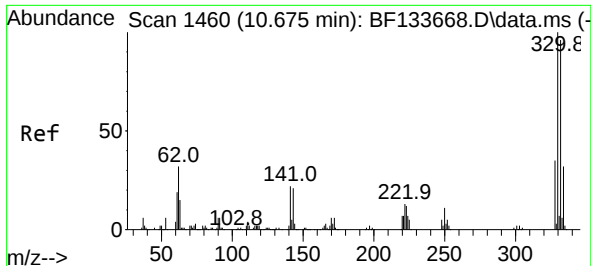
Tgt Ion: 82 Resp: 437705
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BF133738.D
Acq: 13 Jun 2023 19:02

Tgt Ion:164 Resp: 115601
Ion Ratio Lower Upper
164 100
162 101.9 80.8 121.2
160 46.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 104.142 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF133738.D

Acq: 13 Jun 2023 19:02

Instrument :

BNA_F

ClientSampleId :

TWP08

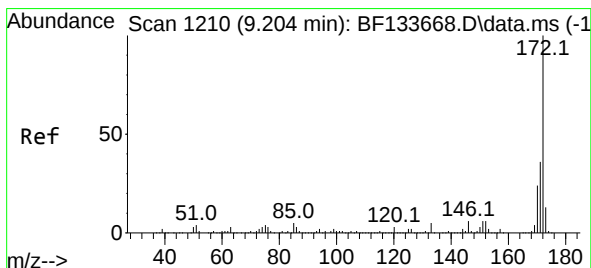
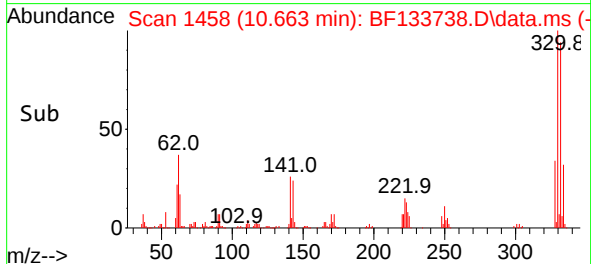
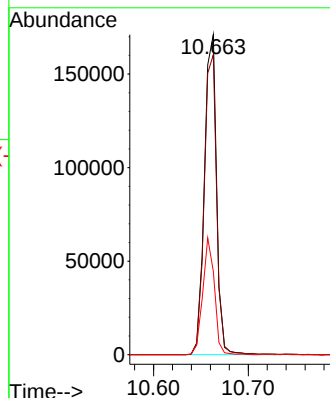
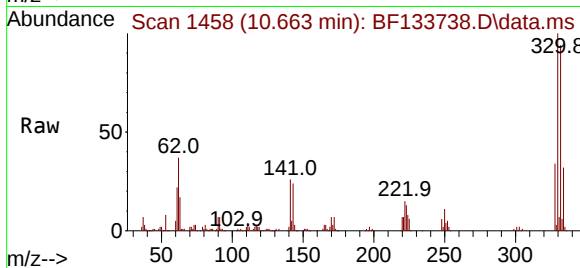
Tgt Ion:330 Resp: 152391

Ion Ratio Lower Upper

330 100

332 95.5 77.2 115.8

141 35.0 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 80.741 ng

RT: 9.193 min Scan# 1208

Delta R.T. -0.005 min

Lab File: BF133738.D

Acq: 13 Jun 2023 19:02

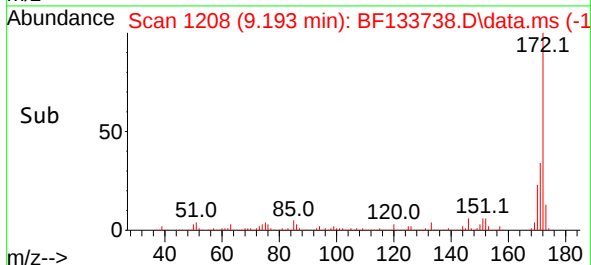
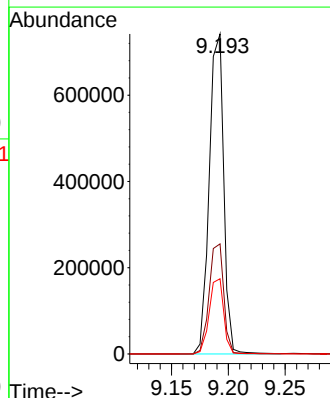
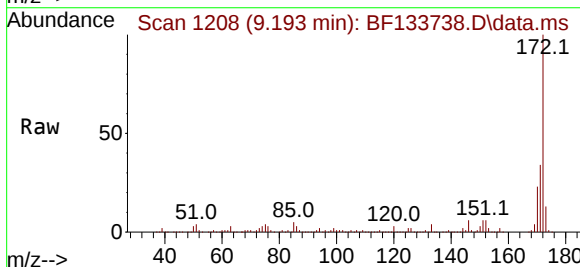
Tgt Ion:172 Resp: 656606

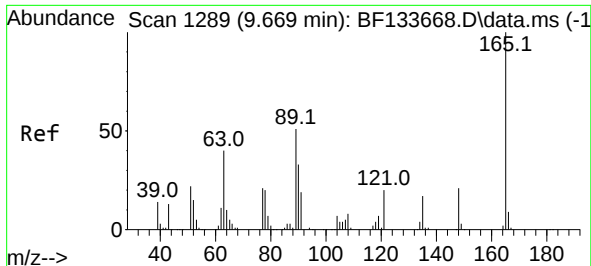
Ion Ratio Lower Upper

172 100

171 34.4 28.6 43.0

170 23.5 19.1 28.7

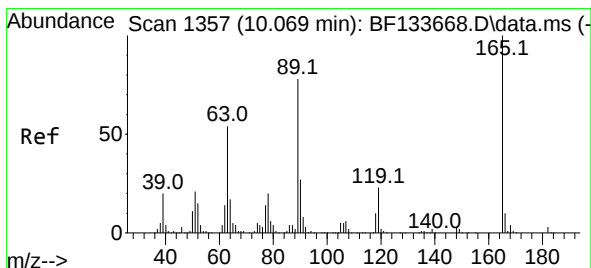
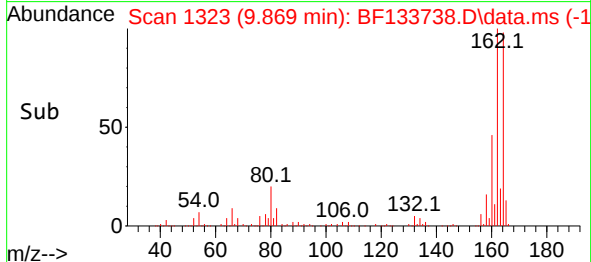
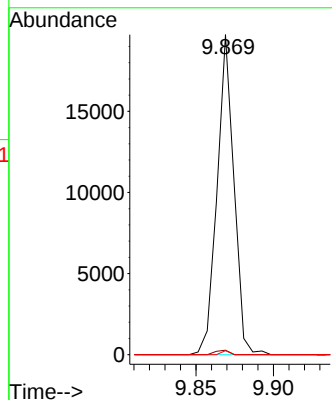
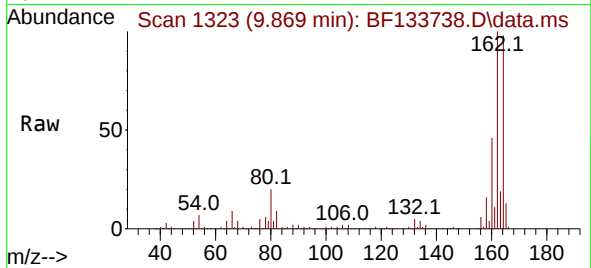




#51
2,6-Dinitrotoluene
Concen: 8.368 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133738.D
Acq: 13 Jun 2023 19:02

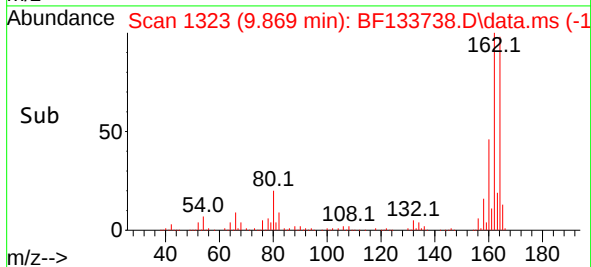
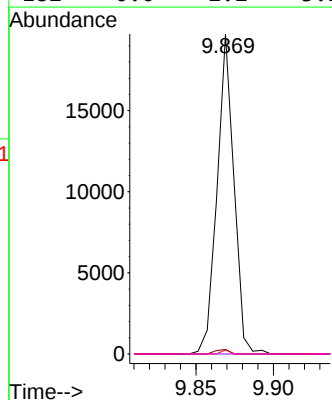
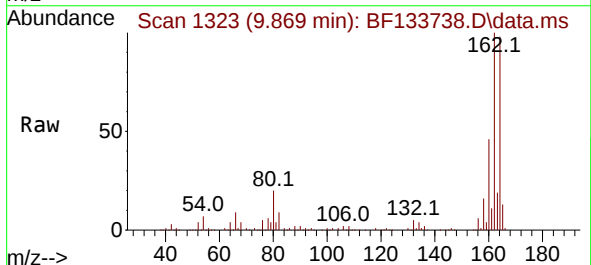
Instrument :
BNA_F
ClientSampleId :
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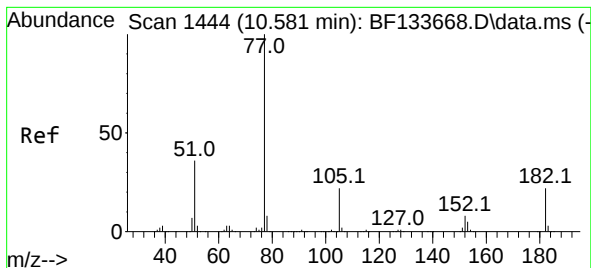
Tgt Ion:165 Resp: 14903
Ion Ratio Lower Upper
165 100
63 1.4 42.1 63.1#
89 1.2 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.579 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.200 min
Lab File: BF133738.D
Acq: 13 Jun 2023 19:02

Tgt Ion:165 Resp: 14903
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.2 62.6 93.8#
182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 3.412 ng

RT: 10.581 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF133738.D

Acq: 13 Jun 2023 19:02

Instrument :

BNA_F

ClientSampleId :

TWP08

Tgt Ion: 77 Resp: 28370

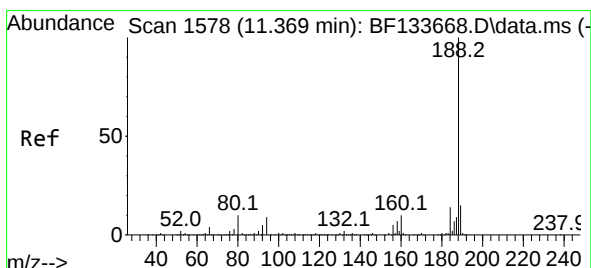
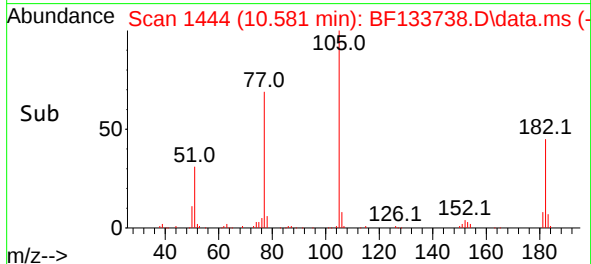
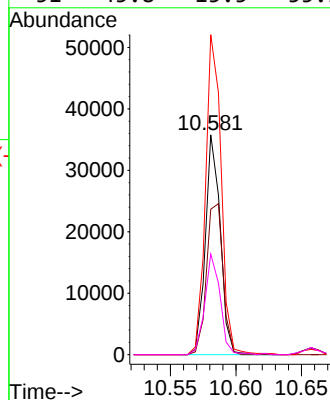
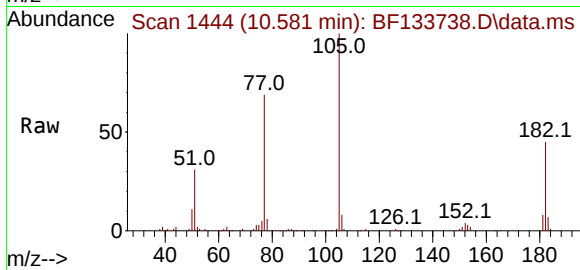
Ion Ratio Lower Upper

77 100

182 66.1 1.6 41.6#

105 145.5 1.6 41.6#

51 45.8 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.011 min

Lab File: BF133738.D

Acq: 13 Jun 2023 19:02

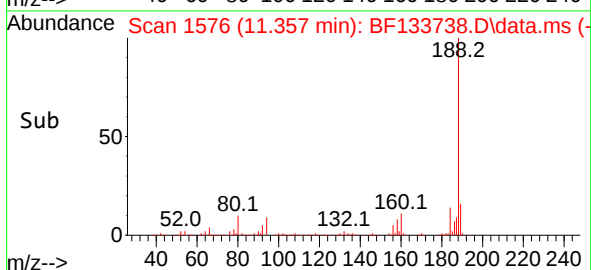
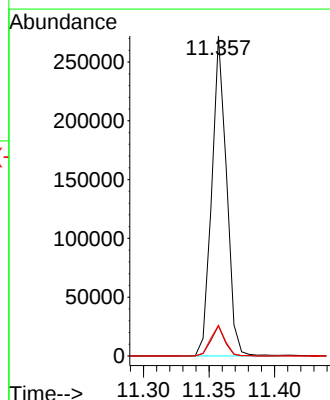
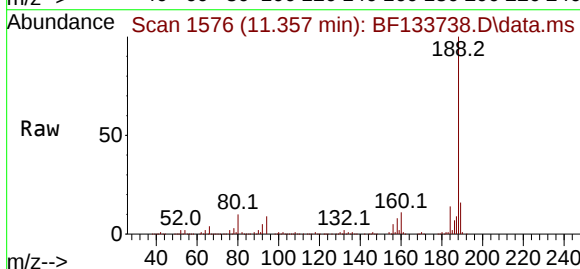
Tgt Ion:188 Resp: 213842

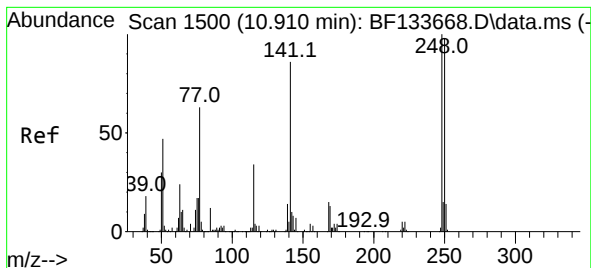
Ion Ratio Lower Upper

188 100

94 9.4 6.8 10.2

80 9.6 7.8 11.6

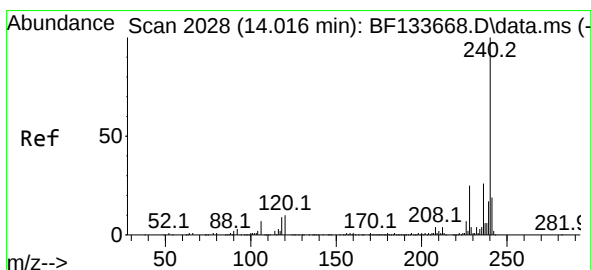
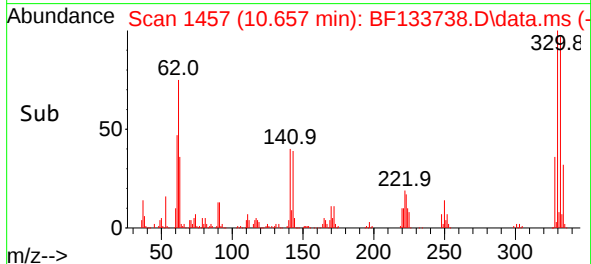
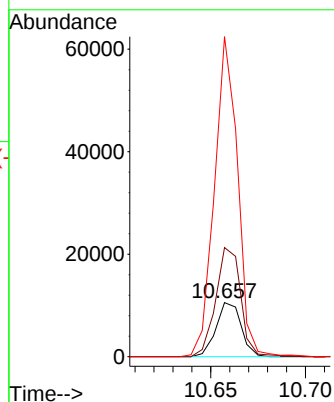
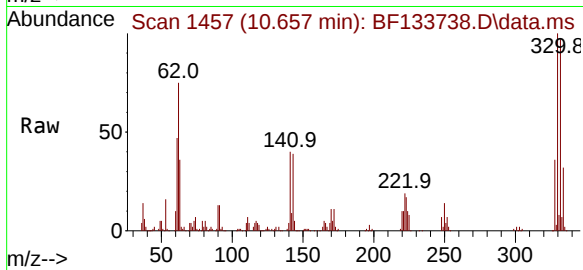




#67
4-Bromophenyl-phenylether
Concen: 4.070 ng
RT: 10.657 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF133738.D
Acq: 13 Jun 2023 19:02

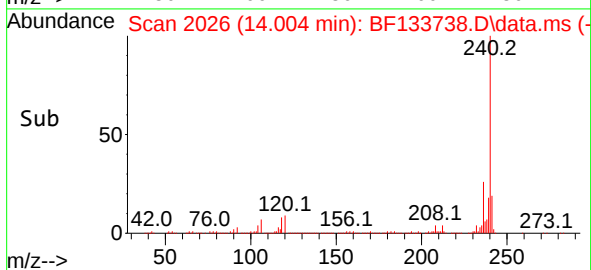
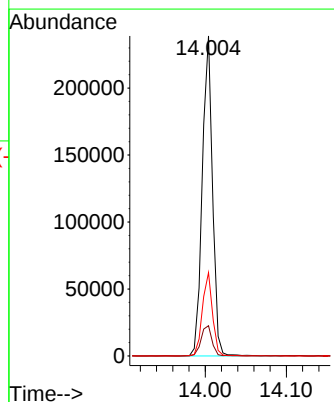
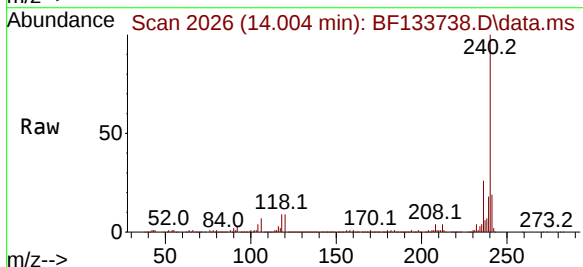
Instrument :
BNA_F
ClientSampleId :
TWP08

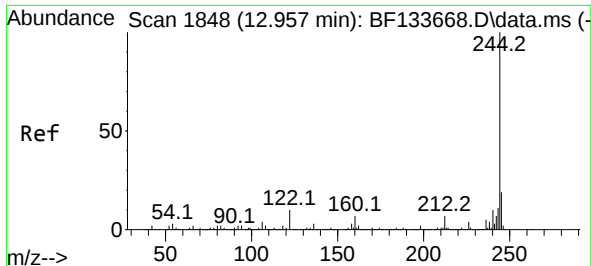
Tgt Ion:248 Resp: 9715
Ion Ratio Lower Upper
248 100
250 202.0 78.3 117.5#
141 591.9 69.0 103.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.011 min
Lab File: BF133738.D
Acq: 13 Jun 2023 19:02

Tgt Ion:240 Resp: 209726
Ion Ratio Lower Upper
240 100
120 9.5 8.1 12.1
236 26.1 20.5 30.7

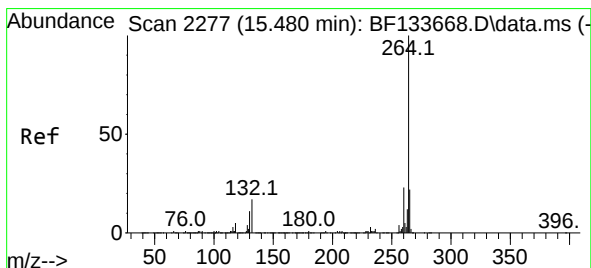
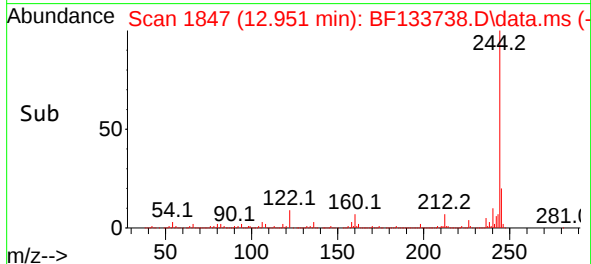
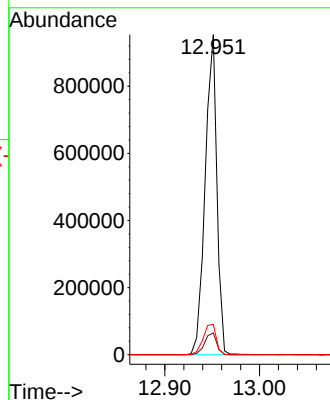
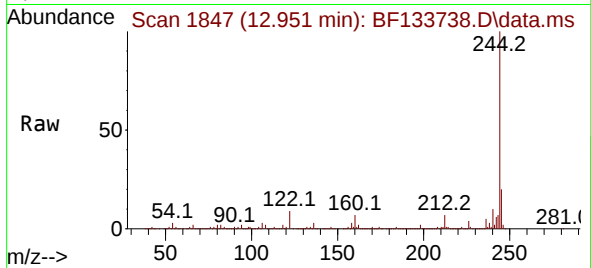




#79
 Terphenyl-d14
 Concen: 60.330 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.005 min
 Lab File: BF133738.D
 Acq: 13 Jun 2023 19:02

Instrument :
 BNA_F
 ClientSampleId :
 TWP08

Tgt Ion:244 Resp: 817703
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 9.4 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.017 min
 Lab File: BF133738.D
 Acq: 13 Jun 2023 19:02

Tgt Ion:264 Resp: 145340
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.2 27.2
 265 21.8 17.8 26.6

