

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133358.D
 Acq On : 11 May 2023 17:04
 Operator : CG\JU
 Sample : 02719-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-01_20230509

Quant Time: May 11 17:53:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

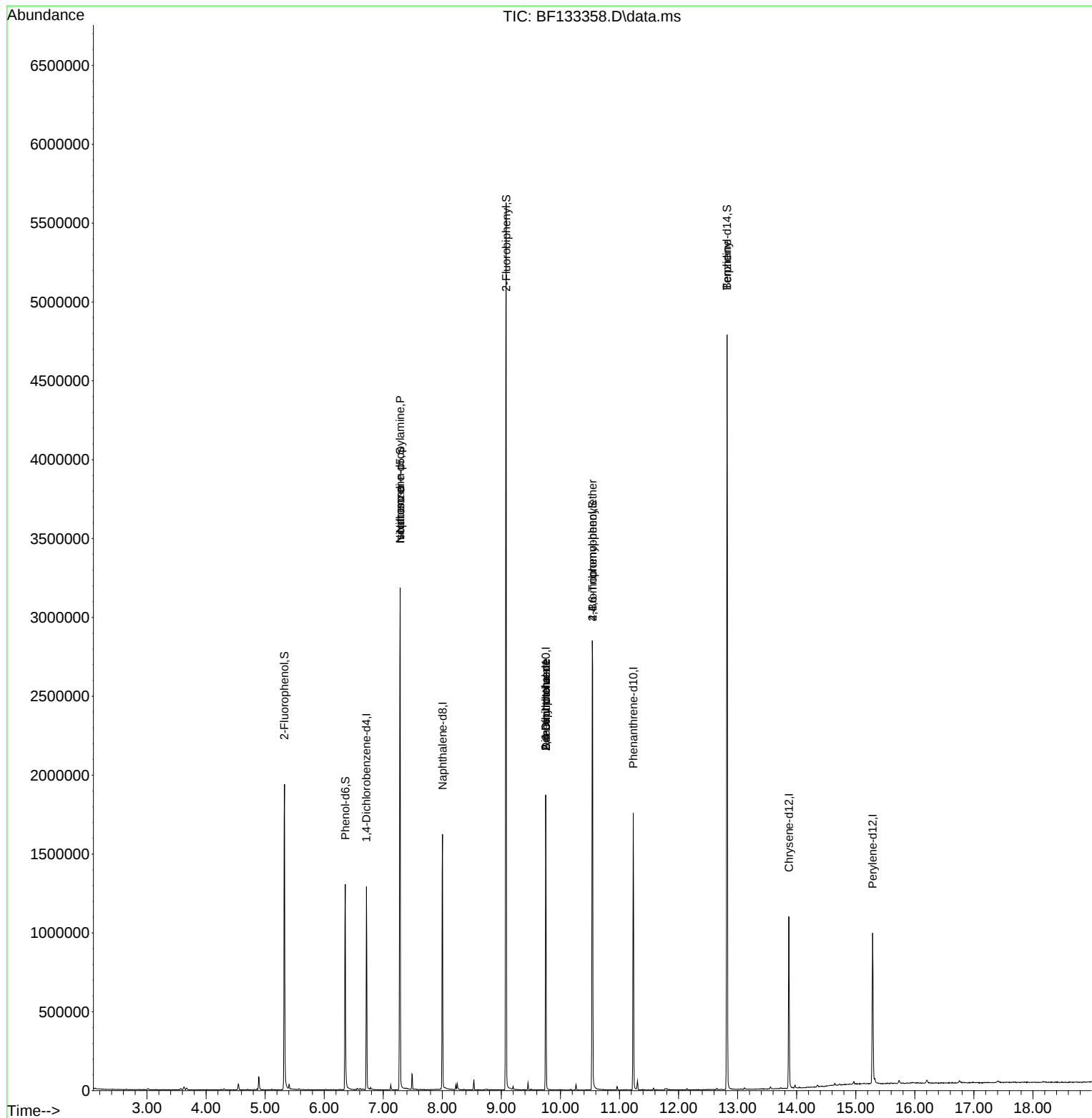
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	173121	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	689970	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	351697	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	604593	20.000	ng	0.00
76) Chrysene-d12	13.868	240	342435	20.000	ng	-0.01
86) Perylene-d12	15.286	264	411299	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	573930	50.080	ng	0.00
7) Phenol-d6	6.357	99	418183	29.398	ng	-0.01
23) Nitrobenzene-d5	7.286	82	974003	76.197	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	366866	103.723	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	1679727	79.903	ng	0.00
79) Terphenyl-d14	12.821	244	1727979	87.029	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.269	77	599	Below Cal		88
19) n-Nitroso-di-n-propyla...	7.286	70	128967	14.563 ng	#	76
25) Isophorone	7.286	82	973998	40.132 ng	#	63
50) Dimethylphthalate	9.751	163	64562	2.633 ng	#	1
51) 2,6-Dinitrotoluene	9.751	165	44429	8.049 ng	#	25
57) 2,4-Dinitrotoluene	9.751	165	44429	6.312 ng	#	23
67) 4-Bromophenyl-phenylether	10.545	248	24435	3.726 ng	#	1
77) Benzidine	12.821	184	21407	3.697 ng	#	93

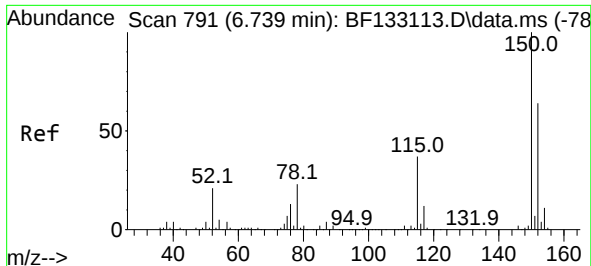
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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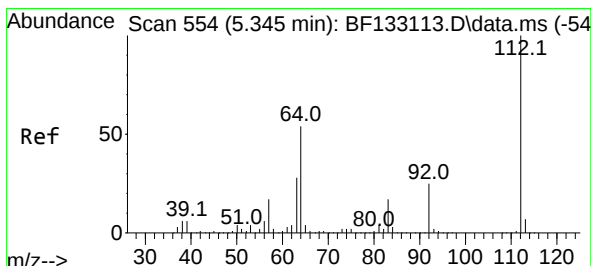
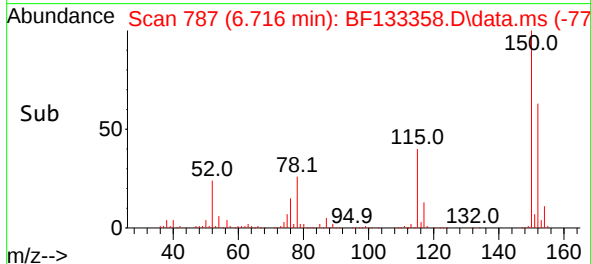
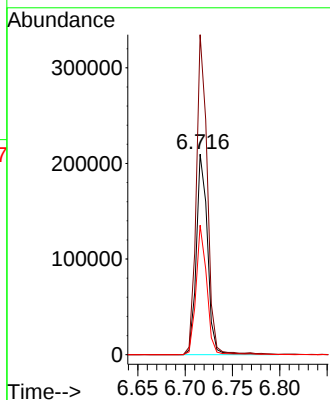
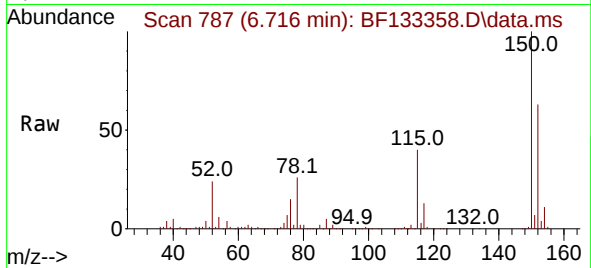




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

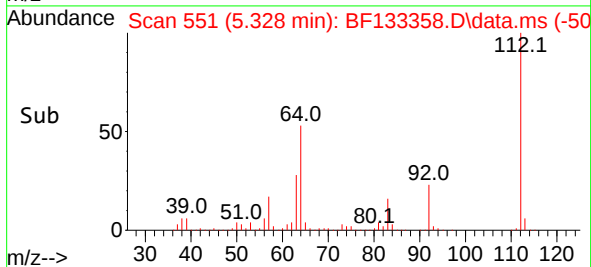
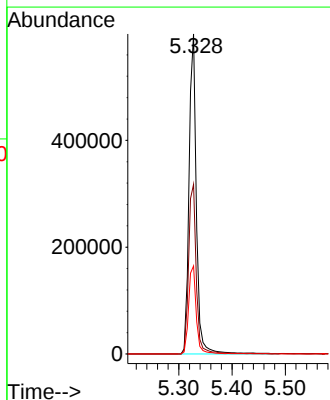
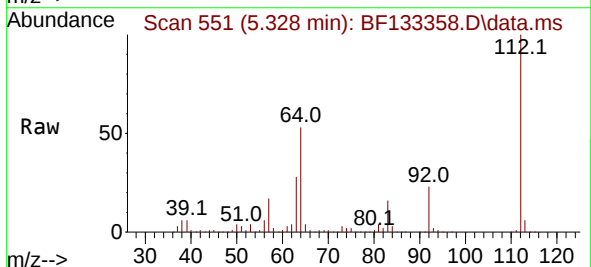
Instrument :
BNA_F
ClientSampleId :
FB-01_20230509

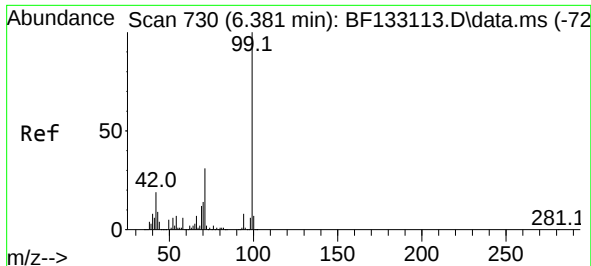
Tgt Ion:152 Resp: 173121
Ion Ratio Lower Upper
152 100
150 159.7 124.8 187.2
115 64.6 49.9 74.9



#5
2-Fluorophenol
Concen: 50.080 ng
RT: 5.328 min Scan# 551
Delta R.T. -0.000 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

Tgt Ion:112 Resp: 573930
Ion Ratio Lower Upper
112 100
64 53.0 46.8 70.2
63 27.5 23.8 35.8

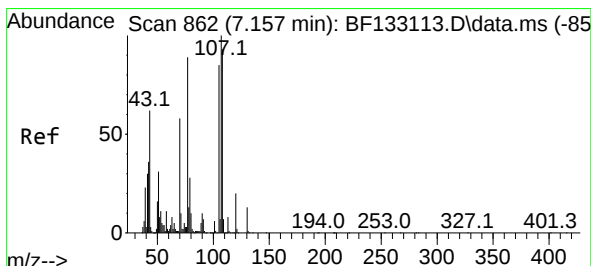
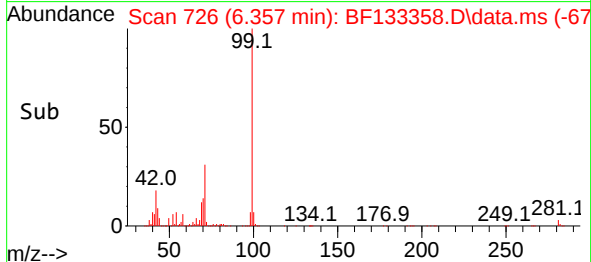
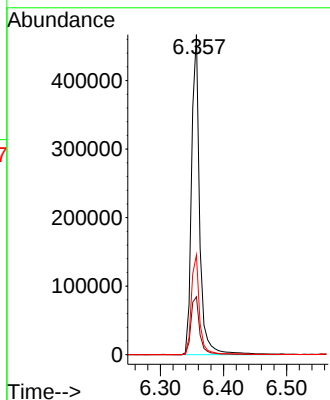
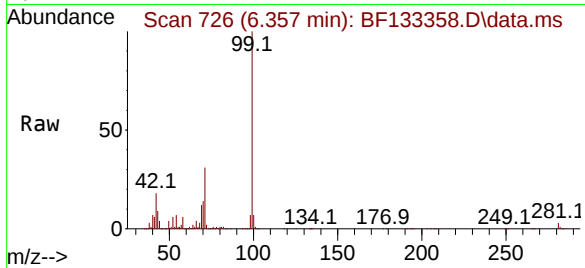




#7
Phenol-d6
Concen: 29.398 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

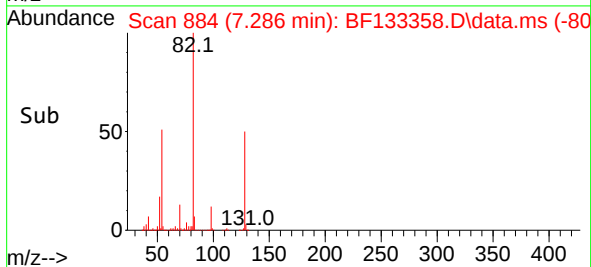
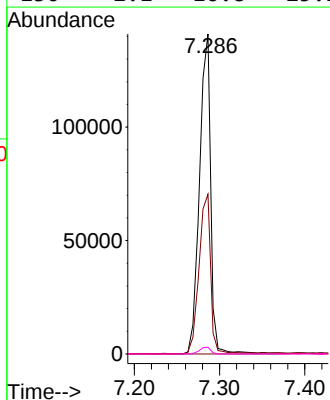
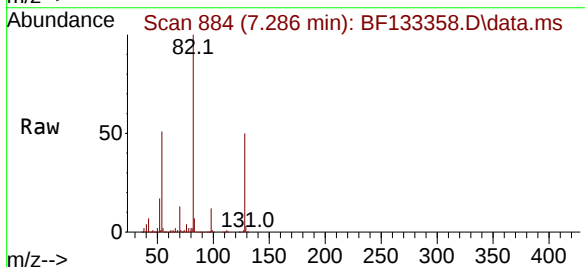
Instrument :
BNA_F
ClientSampleId :
FB-01_20230509

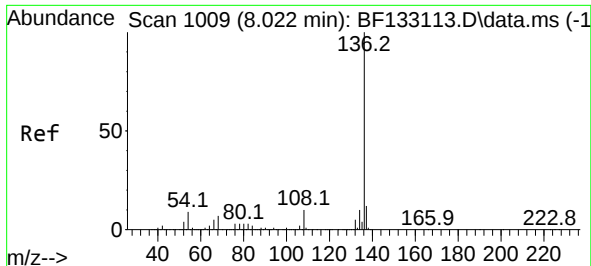
Tgt Ion: 99 Resp: 418183
Ion Ratio Lower Upper
99 100
42 18.1 16.3 24.5
71 31.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.563 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

Tgt Ion: 70 Resp: 128967
Ion Ratio Lower Upper
70 100
42 49.9 51.8 77.6#
101 0.0 8.0 12.0#
130 2.1 16.8 25.2#

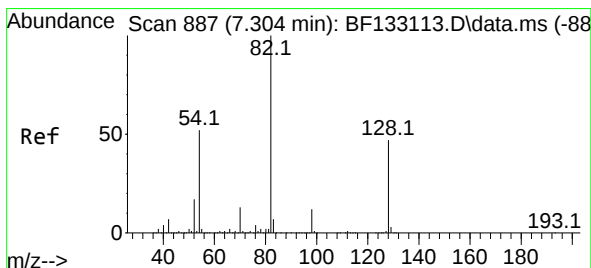
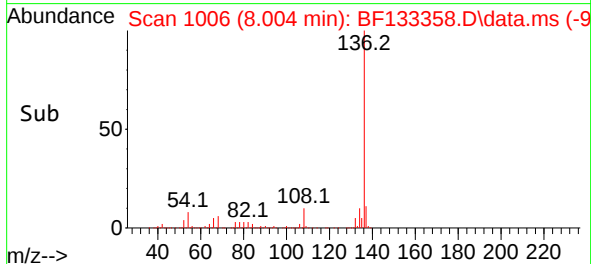
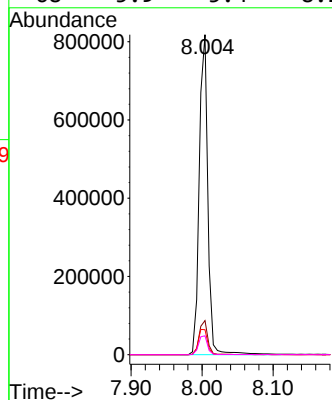
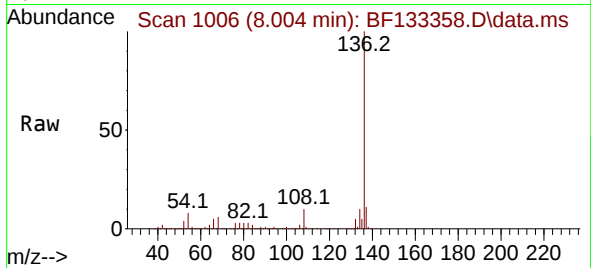




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

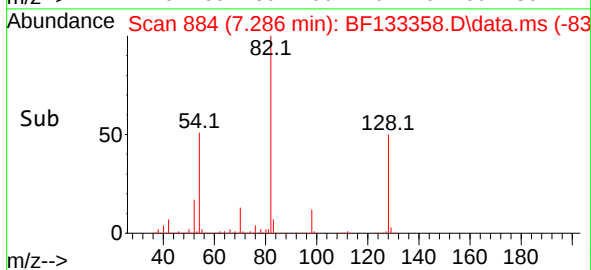
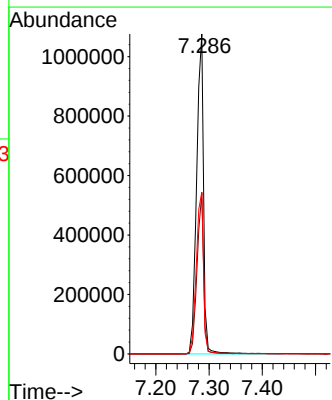
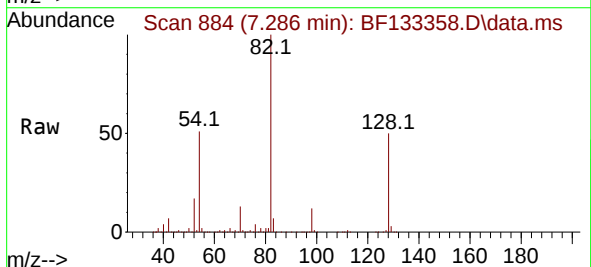
Instrument :
BNA_F
ClientSampleId :
FB-01_20230509

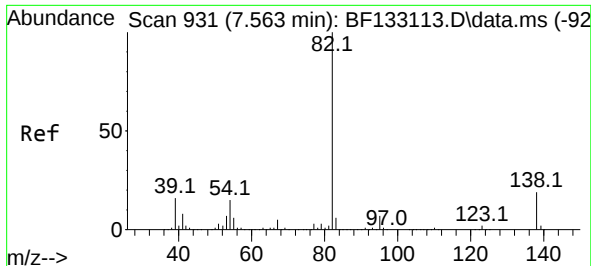
Tgt Ion:	136	Resp:	689970
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.8	7.0	10.4
68	5.9	5.4	8.2



#23
Nitrobenzene-d5
Concen: 76.197 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

Tgt Ion:	82	Resp:	974003
Ion	Ratio	Lower	Upper
82	100		
128	50.3	37.7	56.5
54	50.6	43.0	64.4

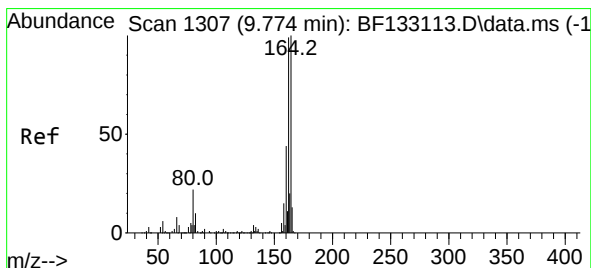
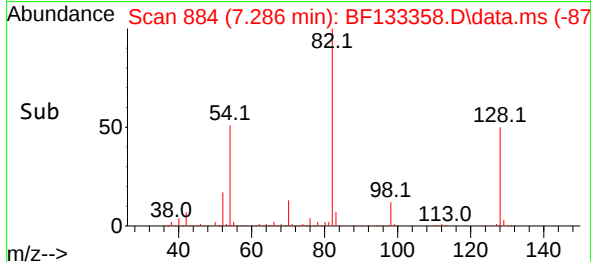
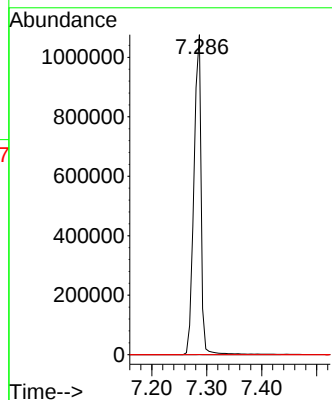
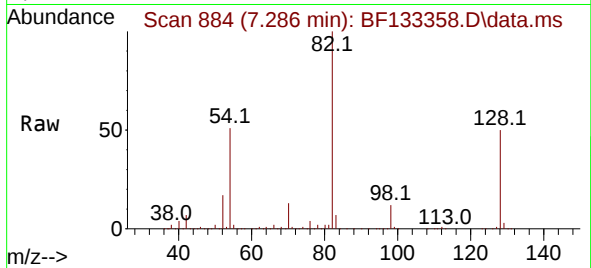




#25
Isophorone
Concen: 40.132 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

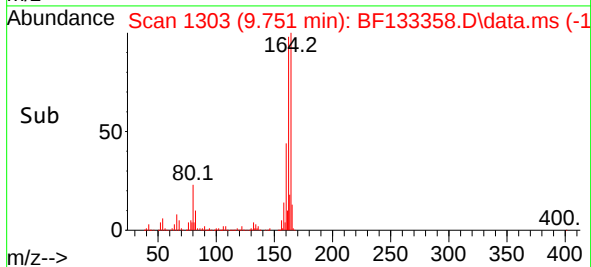
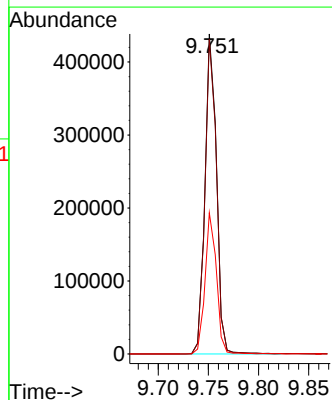
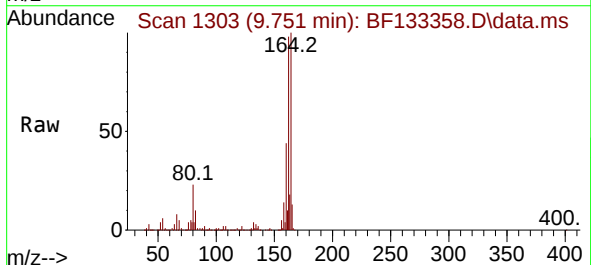
Instrument :
BNA_F
ClientSampleId :
FB-01_20230509

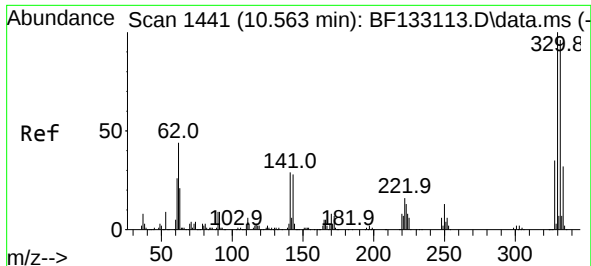
Tgt Ion: 82 Resp: 973998
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

Tgt Ion:164 Resp: 351697
Ion Ratio Lower Upper
164 100
162 98.3 78.7 118.1
160 44.1 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 103.723 ng

RT: 10.545 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133358.D

Acq: 11 May 2023 17:04

Instrument :

BNA_F

ClientSampleId :

FB-01_20230509

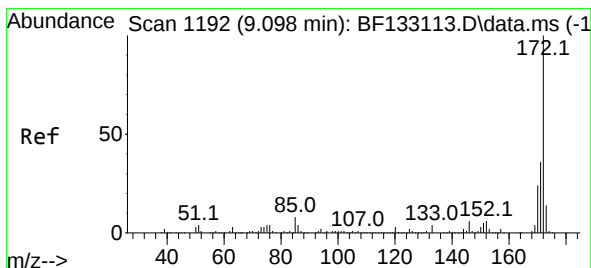
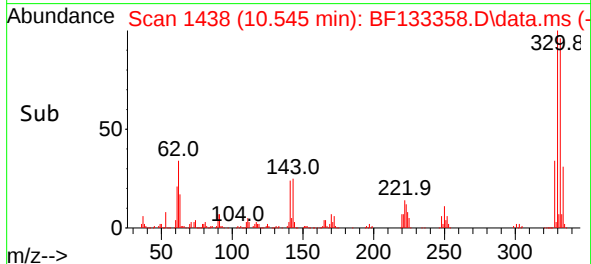
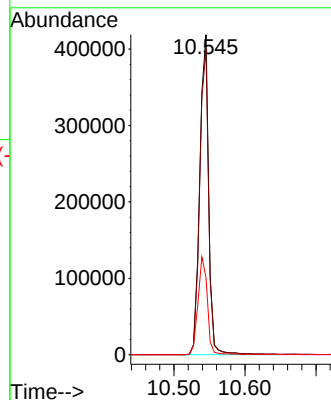
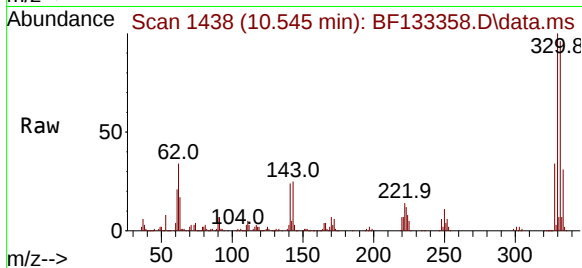
Tgt Ion:330 Resp: 366866

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 32.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 79.903 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF133358.D

Acq: 11 May 2023 17:04

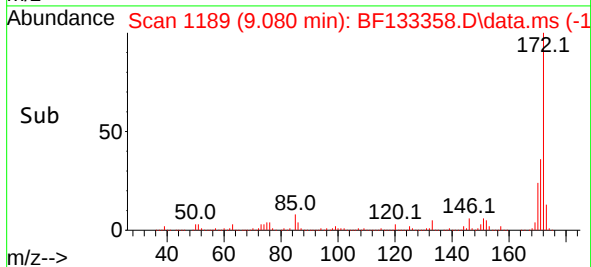
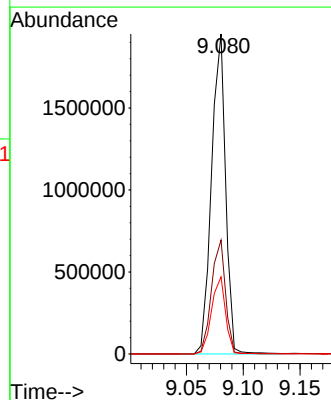
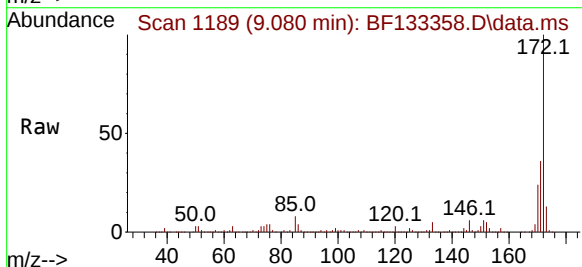
Tgt Ion:172 Resp: 1679727

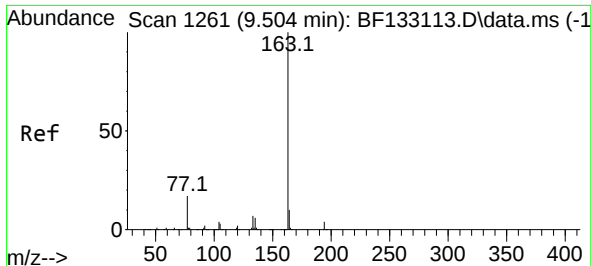
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.1 19.4 29.2

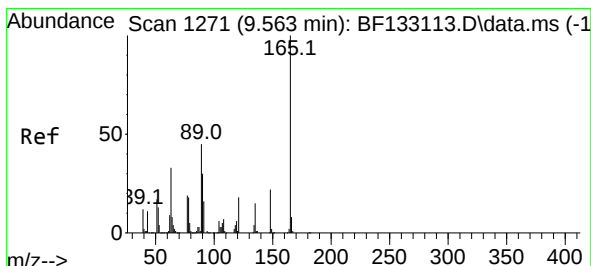
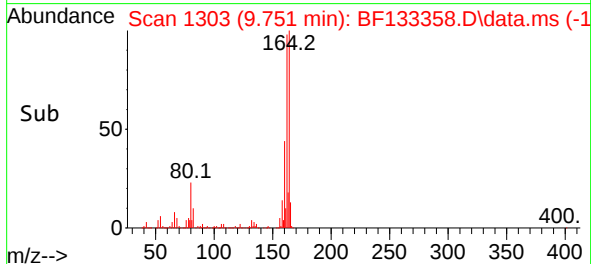
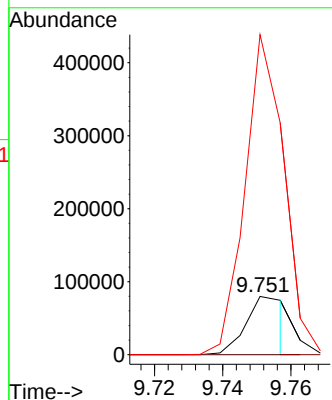
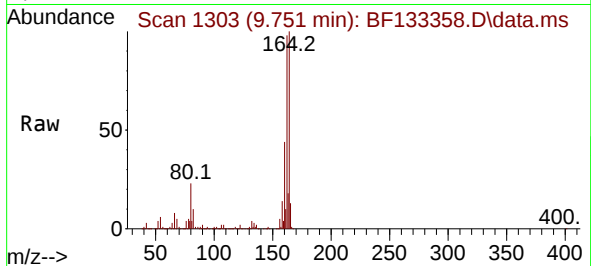




#50
Dimethylphthalate
Concen: 2.633 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.265 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

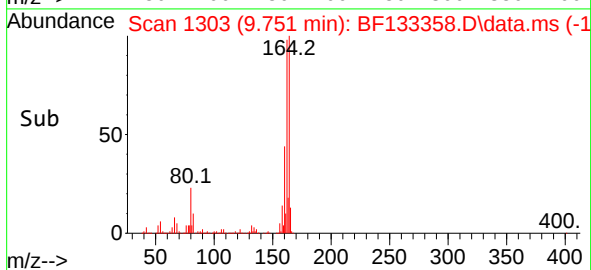
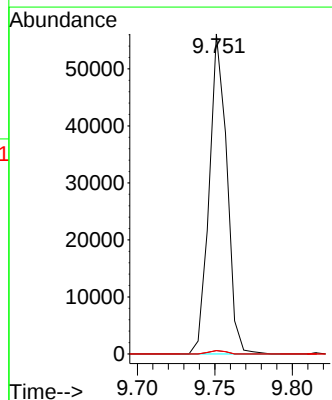
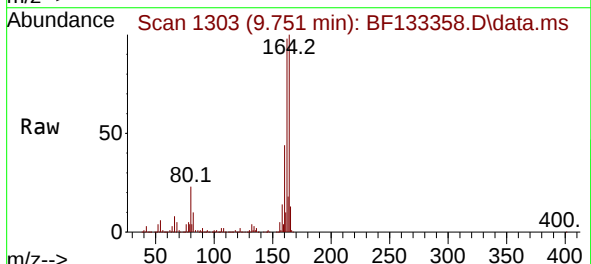
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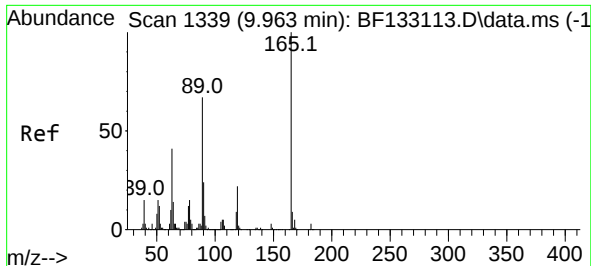
Tgt Ion:163 Resp: 64562
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 549.8 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.049 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.206 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

Tgt Ion:165 Resp: 44429
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.1 44.0 66.0#





#57

2,4-Dinitrotoluene

Concen: 6.312 ng

RT: 9.751 min Scan# 1

Delta R.T. -0.200 min

Lab File: BF133358.D

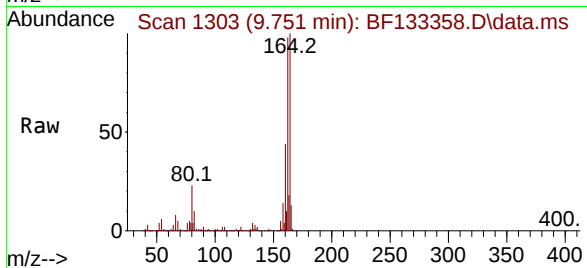
Acq: 11 May 2023 17:04

Instrument :

BNA_F

ClientSampleId :

FB-01_20230509



Tgt Ion:165 Resp: 44429

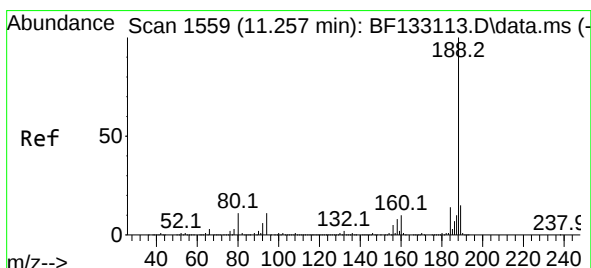
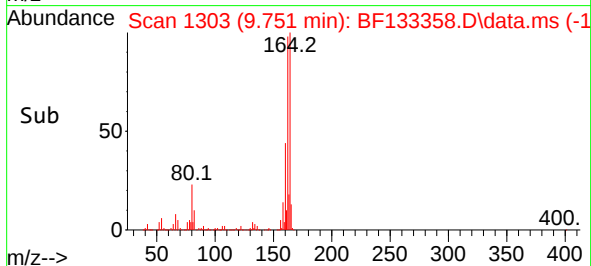
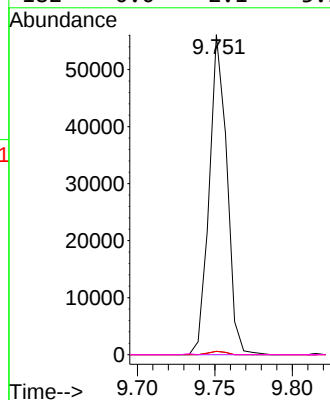
Ion Ratio Lower Upper

165 100

63 1.1 37.7 56.5#

89 1.1 57.0 85.4#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.233 min Scan# 1555

Delta R.T. -0.006 min

Lab File: BF133358.D

Acq: 11 May 2023 17:04

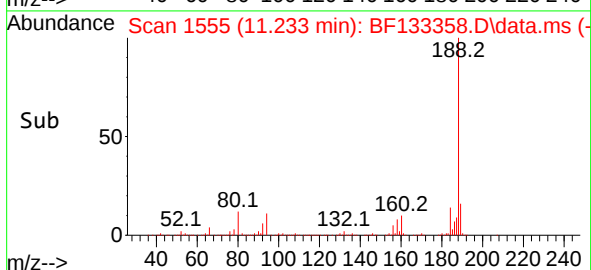
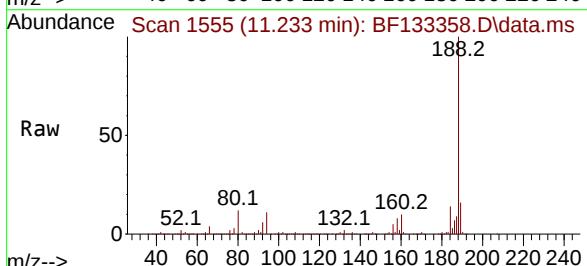
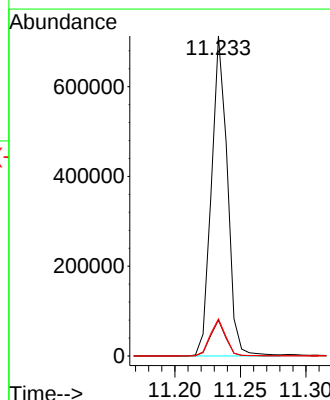
Tgt Ion:188 Resp: 604593

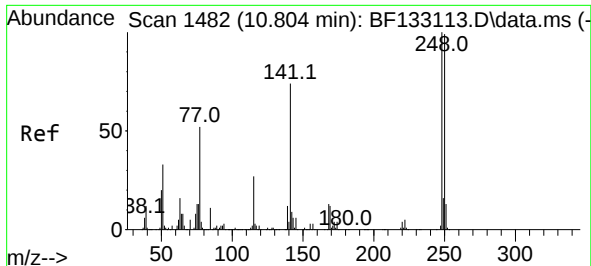
Ion Ratio Lower Upper

188 100

94 11.1 9.7 14.5

80 11.6 10.4 15.6

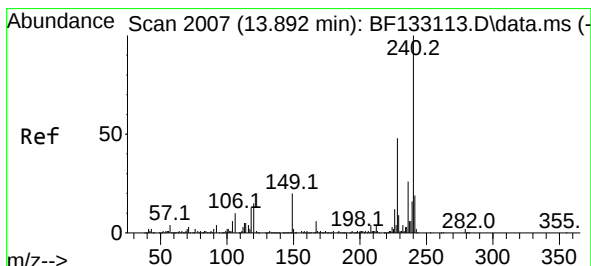
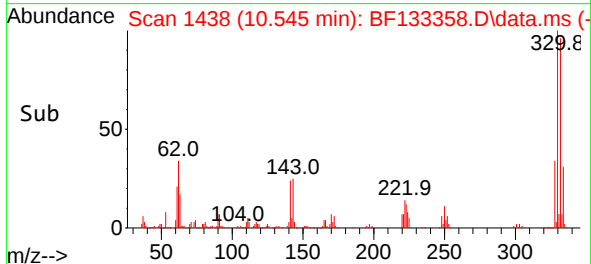
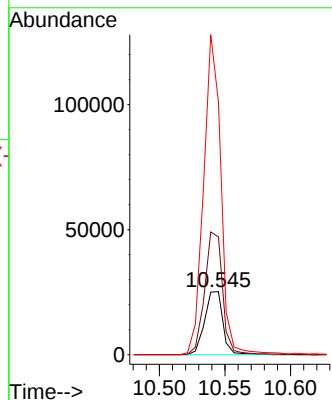
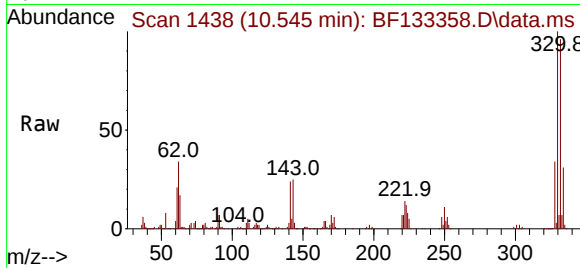




#67
4-Bromophenyl-phenylether
Concen: 3.726 ng
RT: 10.545 min Scan# 1482
Delta R.T. -0.241 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

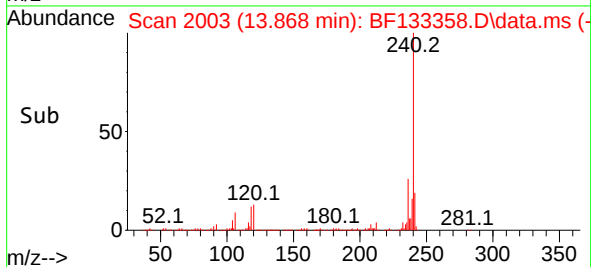
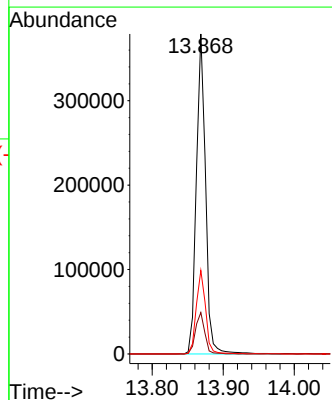
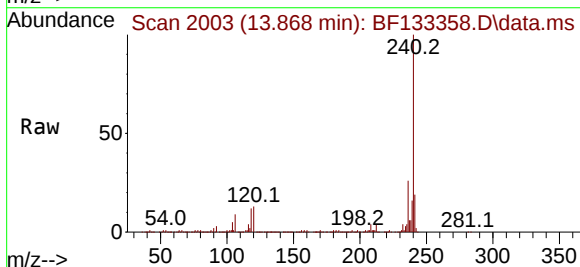
Instrument :
BNA_F
ClientSampleId :
FB-01_20230509

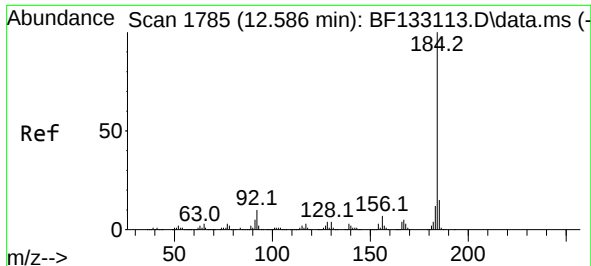
Tgt Ion:248 Resp: 24435
Ion Ratio Lower Upper
248 100
250 186.7 78.7 118.1#
141 400.7 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

Tgt Ion:240 Resp: 342435
Ion Ratio Lower Upper
240 100
120 12.9 10.5 15.7
236 26.1 21.5 32.3

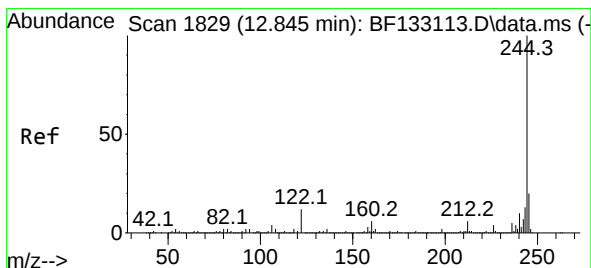
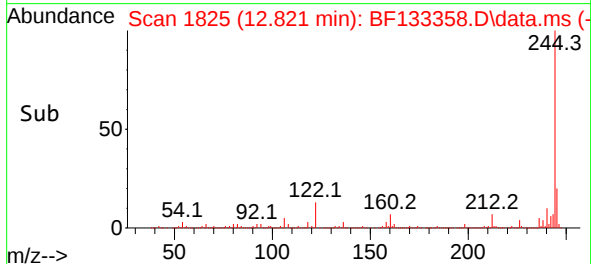
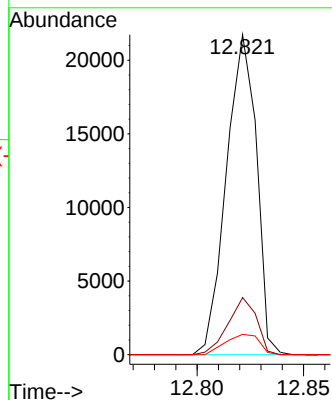
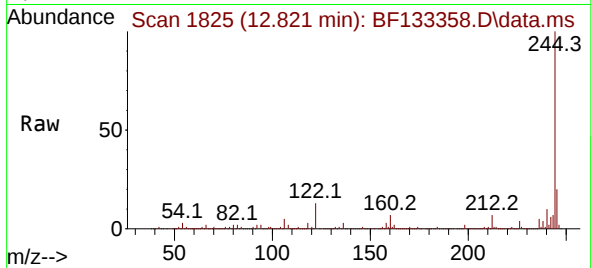




#77
Benzidine
Concen: 3.697 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.247 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

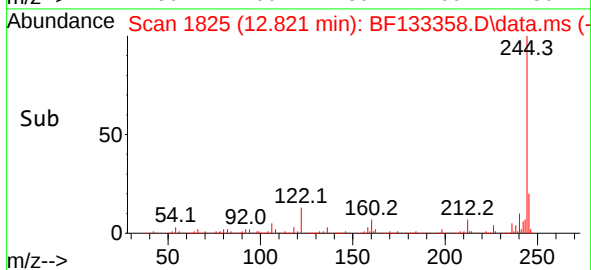
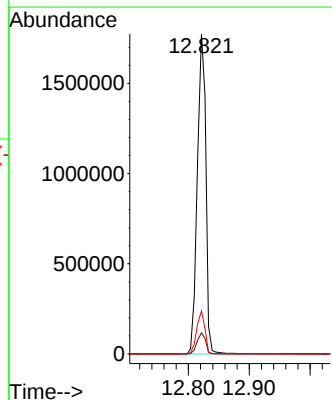
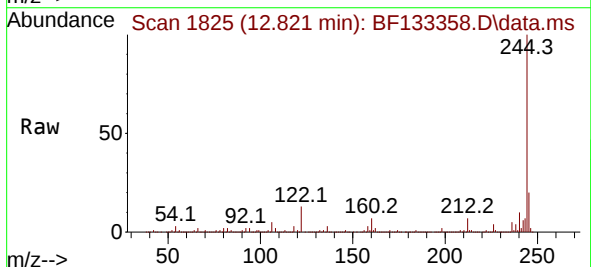
Instrument :
BNA_F
ClientSampleId :
FB-01_20230509

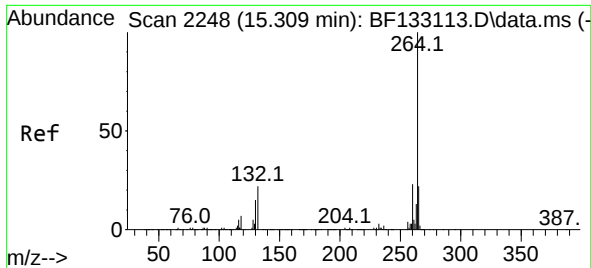
Tgt Ion:184 Resp: 21407
Ion Ratio Lower Upper
184 100
185 17.9 15.4 23.2
183 6.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 87.029 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

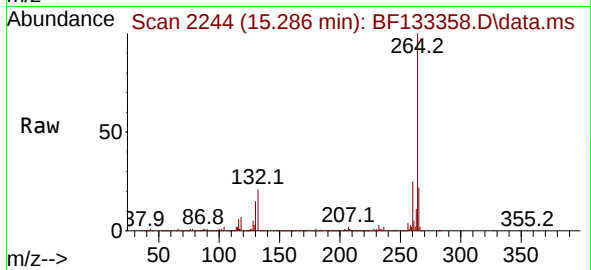
Tgt Ion:244 Resp: 1727979
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 13.4 8.6 13.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.286 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133358.D
Acq: 11 May 2023 17:04

Instrument :
BNA_F
ClientSampleId :
FB-01_20230509



Tgt Ion:264 Resp: 411299
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 21.6 17.0 25.4

