

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
 Data File : BF133038.D
 Acq On : 25 Apr 2023 20:58
 Operator : CG\JU
 Sample : 02477-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MID-H4(ELEV-22)

Quant Time: Apr 26 02:17:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 18:24:07 2023
 Response via : Initial Calibration

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

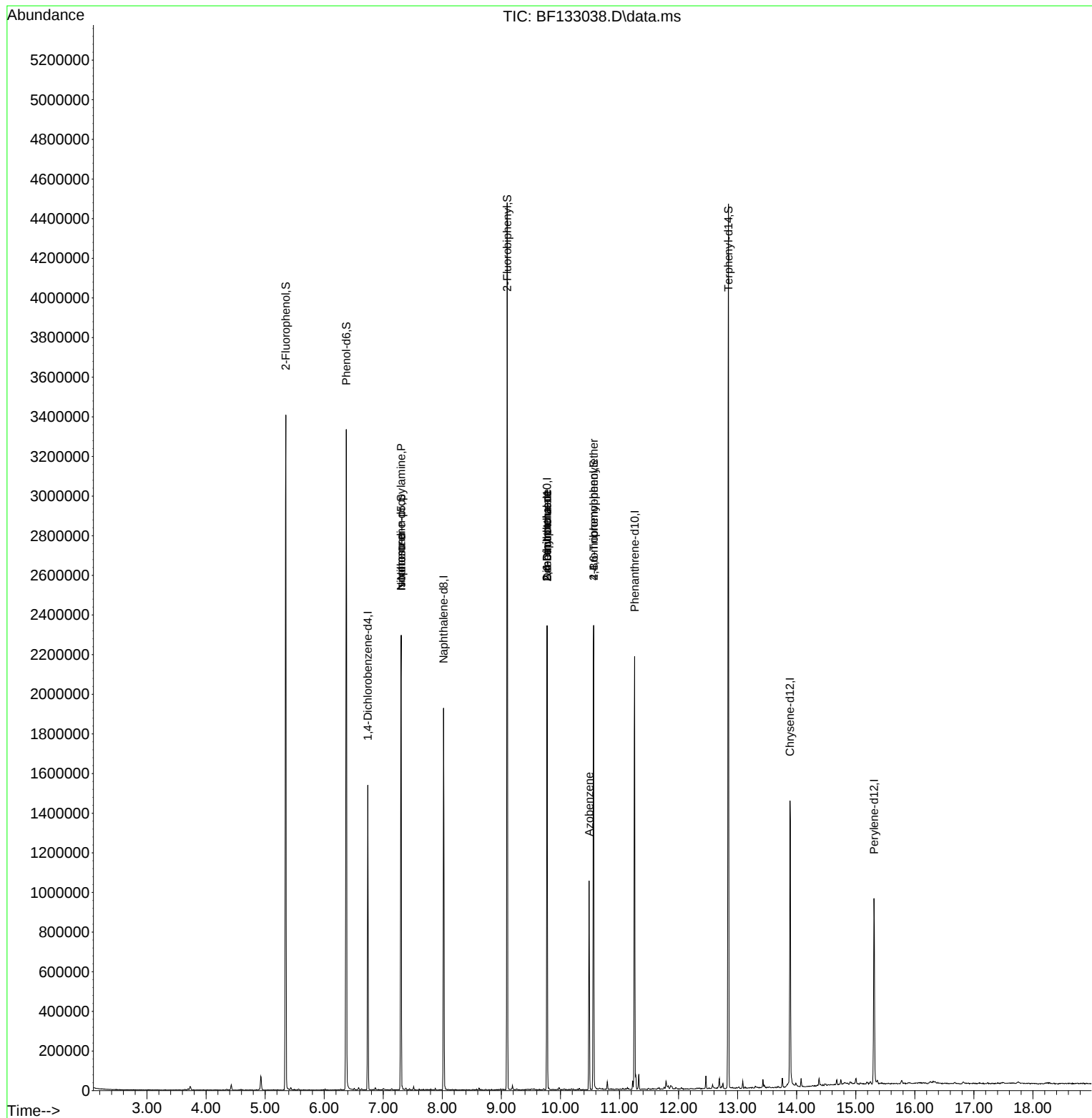
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	190843	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	763235	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	411995	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	760632	20.000	ng	0.00
76) Chrysene-d12	13.886	240	457507	20.000	ng	-0.01
86) Perylene-d12	15.310	264	377936	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	954864	75.582	ng	0.00
7) Phenol-d6	6.375	99	1173129	74.813	ng	-0.01
23) Nitrobenzene-d5	7.304	82	690176	48.810	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	280904	67.796	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1278317	51.909	ng	-0.01
79) Terphenyl-d14	12.845	244	1462792	55.143	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.281	77	578	Below Cal	#	78
19) n-Nitroso-di-n-propyla...	7.304	70	90803	9.302	ng	# 74
25) Isophorone	7.304	82	688849	25.658	ng	# 63
50) Dimethylphthalate	9.775	163	84449	2.940	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	54505	8.430	ng	# 25
57) 2,4-Dinitrotoluene	9.775	165	54505	6.610	ng	# 23
63) Azobenzene	10.486	77	154542	5.376	ng	# 1
67) 4-Bromophenyl-phenylether	10.563	248	17296	2.097	ng	# 1

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

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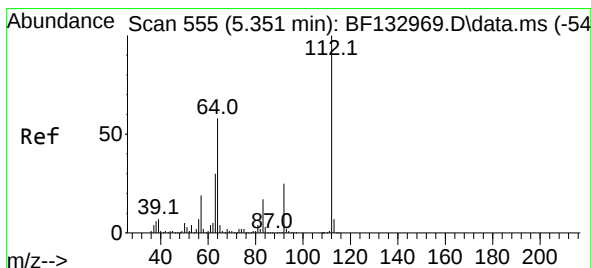
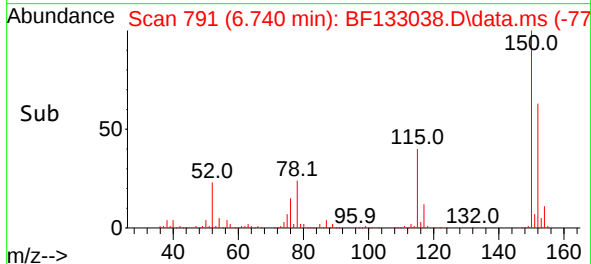
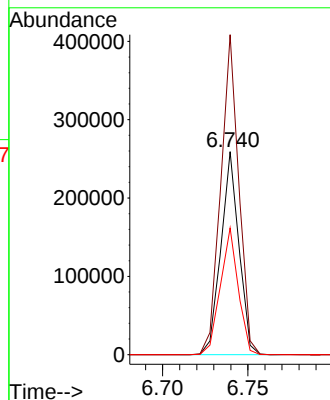
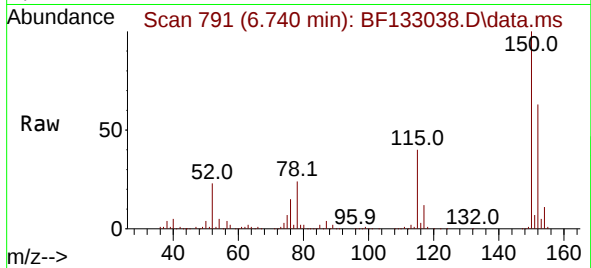




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 793
 Delta R.T. -0.005 min
 Lab File: BF133038.D
 Acq: 25 Apr 2023 20:58

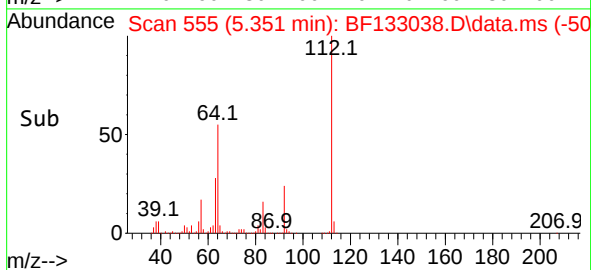
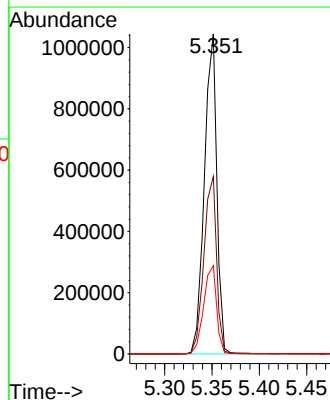
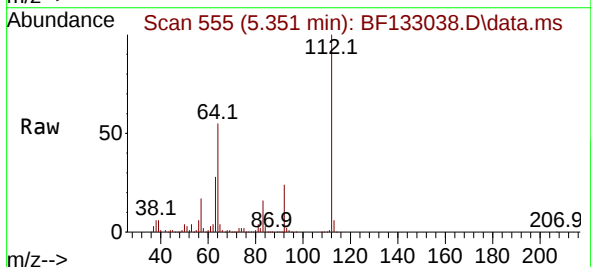
Instrument :
 BNA_F
 ClientSampleId :
 MID-H4(ELEV-22)

Tgt Ion:152 Resp: 190843
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.8 187.2
 115 62.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 75.582 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: BF133038.D
 Acq: 25 Apr 2023 20:58

Tgt Ion:112 Resp: 954864
 Ion Ratio Lower Upper
 112 100
 64 55.4 46.8 70.2
 63 27.6 23.8 35.8

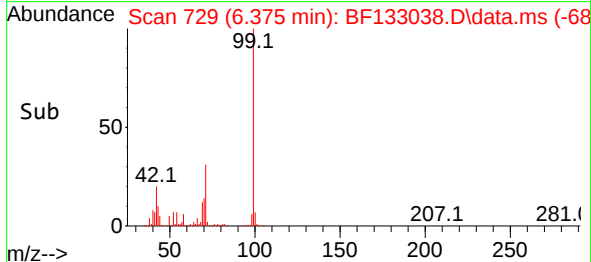
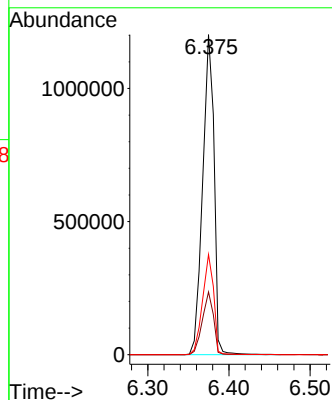
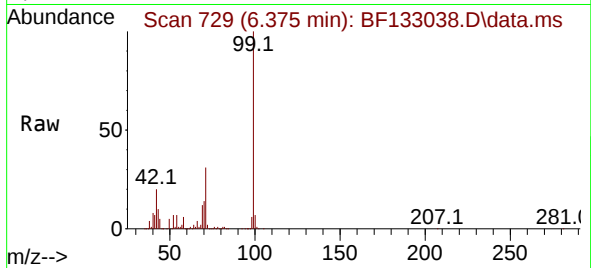




#7
Phenol-d6
Concen: 74.813 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133038.D
Acq: 25 Apr 2023 20:58

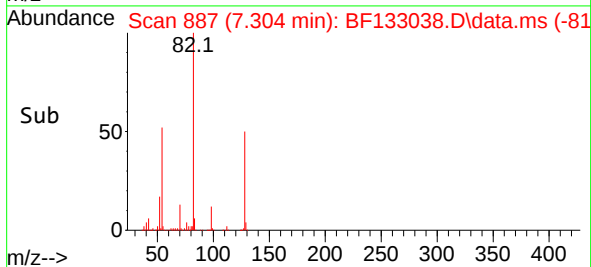
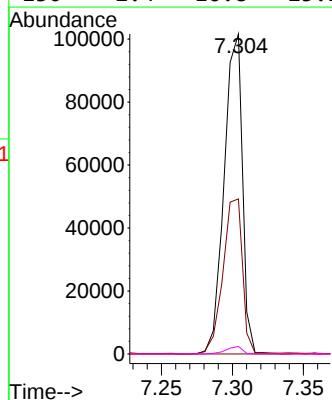
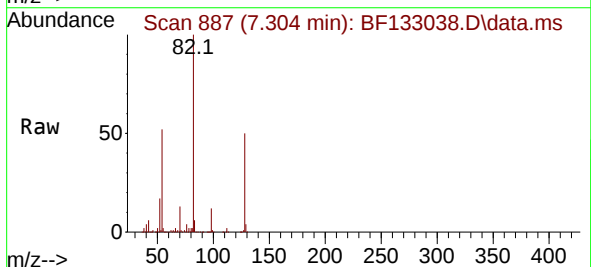
Instrument :
BNA_F
ClientSampleId :
MID-H4(ELEV-22)

Tgt Ion: 99 Resp: 1173129
Ion Ratio Lower Upper
99 100
42 19.6 16.3 24.5
71 31.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.302 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF133038.D
Acq: 25 Apr 2023 20:58

Tgt Ion: 70 Resp: 90803
Ion Ratio Lower Upper
70 100
42 48.5 51.8 77.6#
101 0.0 8.0 12.0#
130 2.4 16.8 25.2#

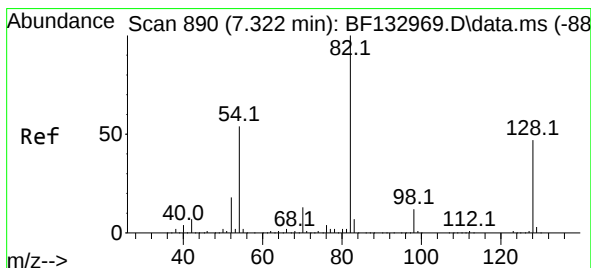
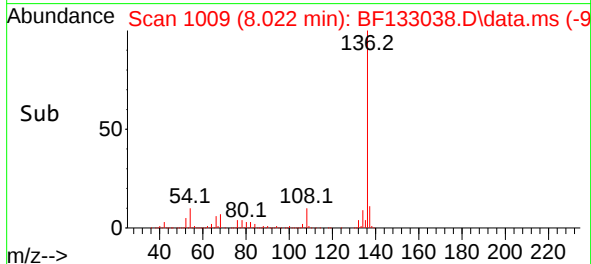
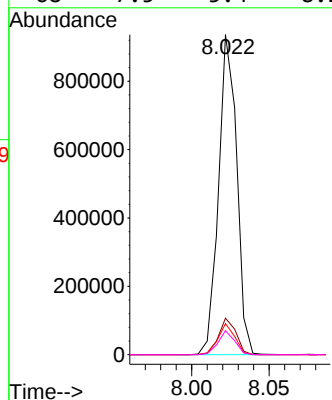
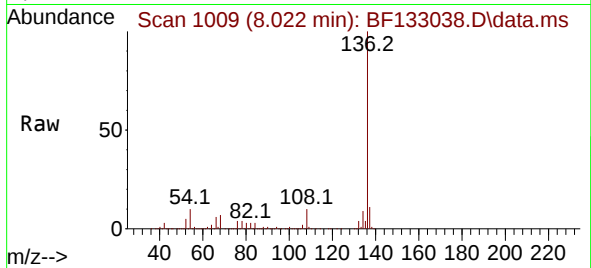




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133038.D
Acq: 25 Apr 2023 20:58

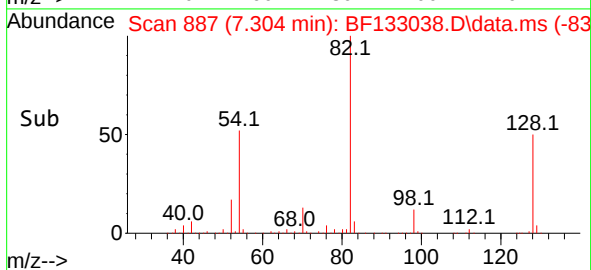
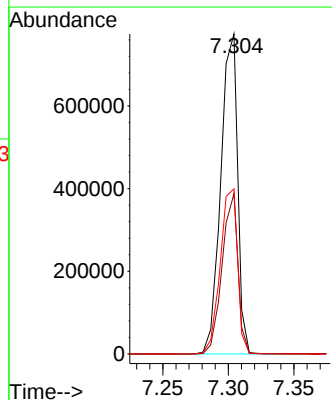
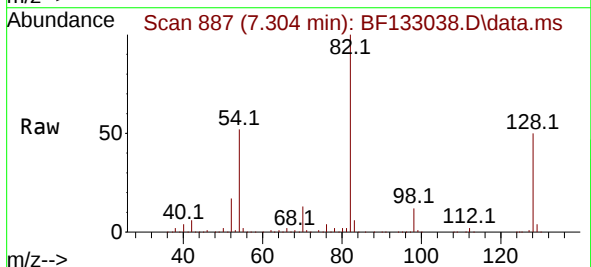
Instrument :
BNA_F
ClientSampleId :
MID-H4(ELEV-22)

Tgt Ion:136 Resp: 763235
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.7 7.0 10.4
68 7.5 5.4 8.2



#23
Nitrobenzene-d5
Concen: 48.810 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF133038.D
Acq: 25 Apr 2023 20:58

Tgt Ion: 82 Resp: 690176
Ion Ratio Lower Upper
82 100
128 50.1 37.7 56.5
54 51.6 43.0 64.4

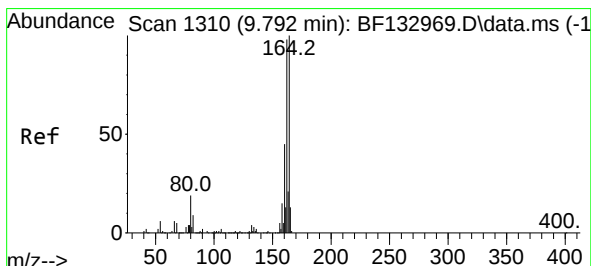
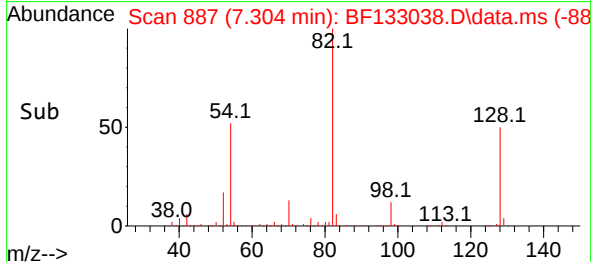
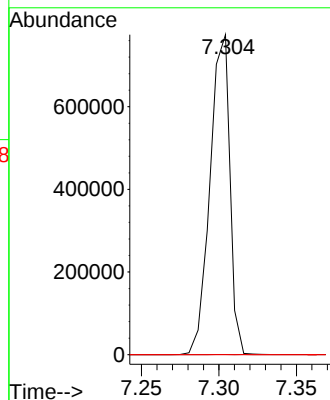
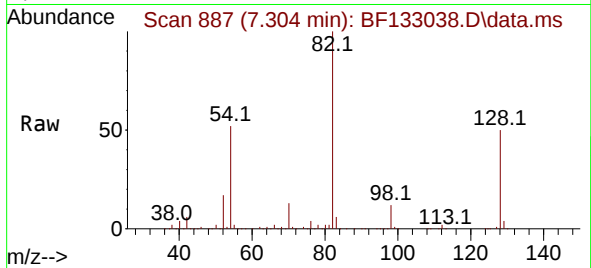




#25
Isophorone
Concen: 25.658 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133038.D
Acq: 25 Apr 2023 20:58

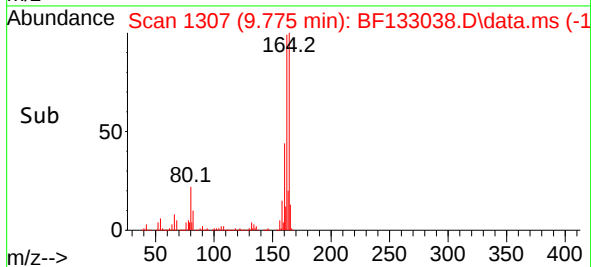
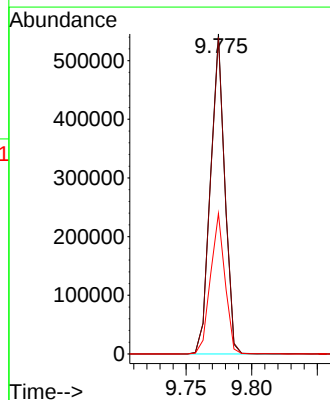
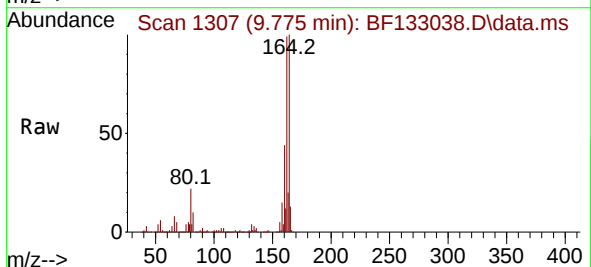
Instrument :
BNA_F
ClientSampleId :
MID-H4(ELEV-22)

Tgt Ion: 82 Resp: 688849
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: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF133038.D
Acq: 25 Apr 2023 20:58

Tgt Ion:164 Resp: 411995
Ion Ratio Lower Upper
164 100
162 99.0 78.7 118.1
160 43.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 67.796 ng

RT: 10.563 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133038.D

Acq: 25 Apr 2023 20:58

Instrument :

BNA_F

ClientSampleId :

MID-H4(ELEV-22)

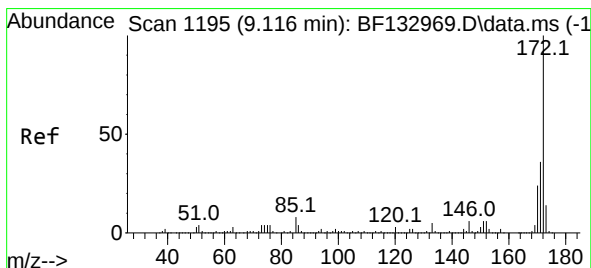
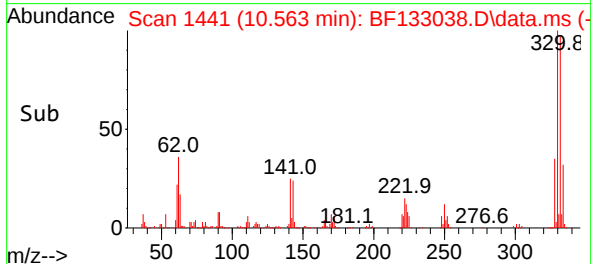
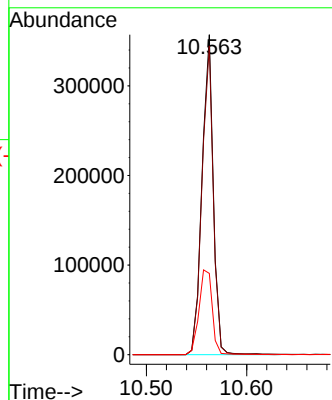
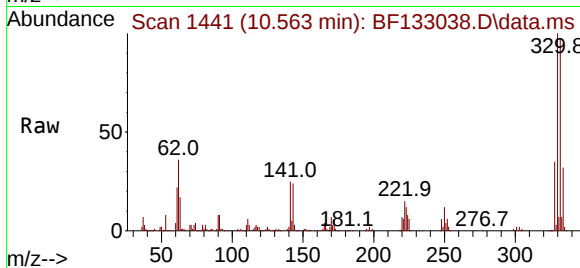
Tgt Ion:330 Resp: 280904

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 31.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 51.909 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF133038.D

Acq: 25 Apr 2023 20:58

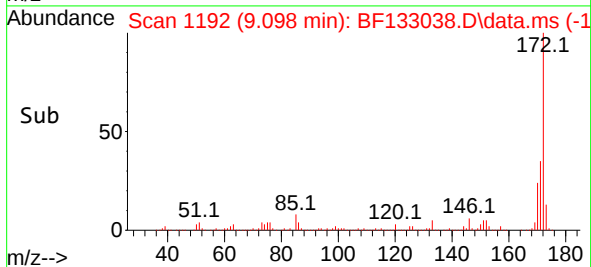
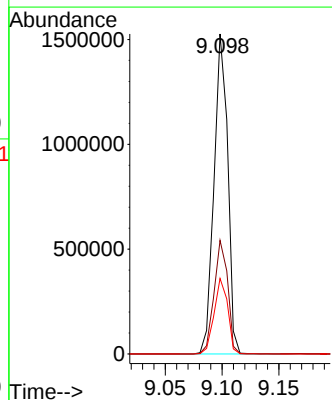
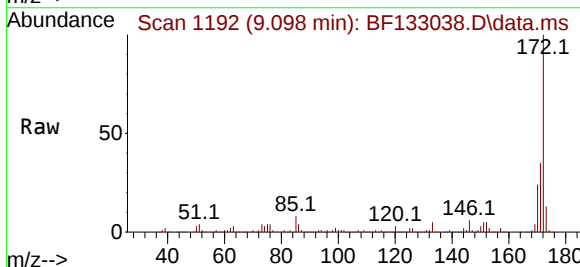
Tgt Ion:172 Resp: 1278317

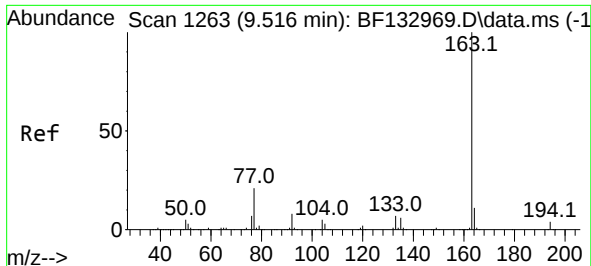
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.6 19.4 29.2

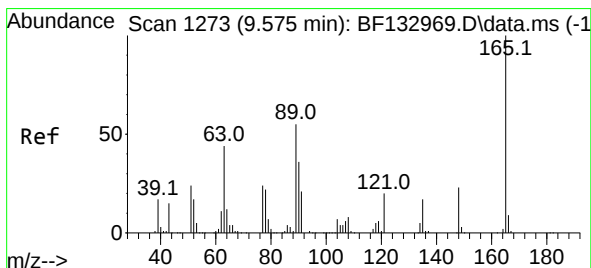
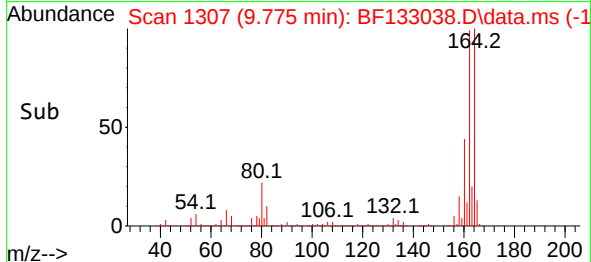
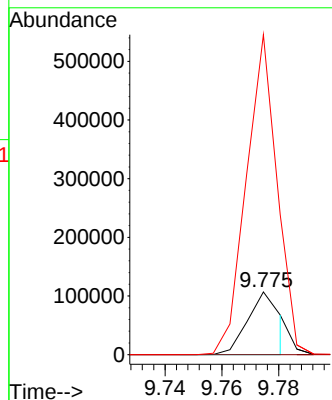
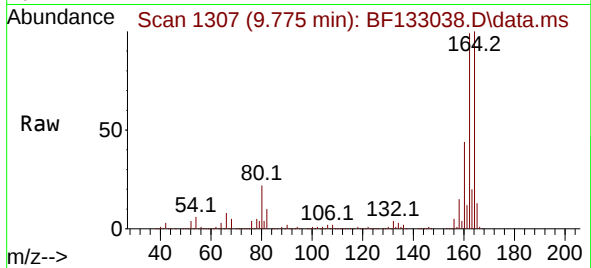




#50
Dimethylphthalate
Concen: 2.940 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133038.D
Acq: 25 Apr 2023 20:58

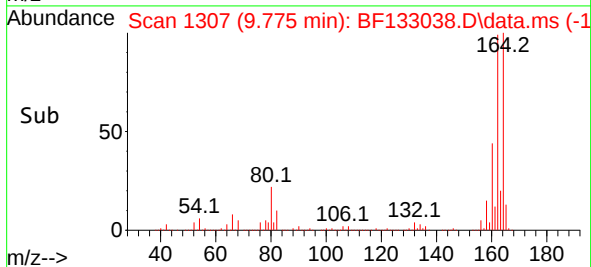
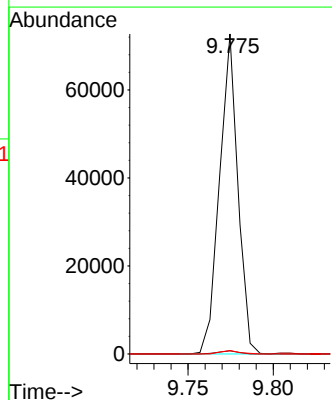
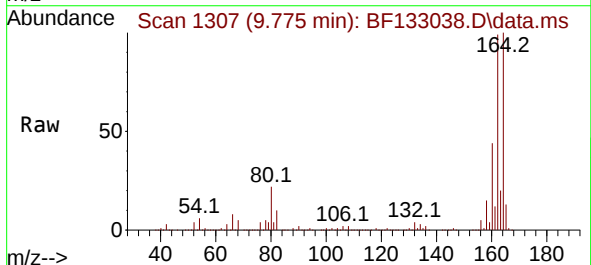
Instrument :
BNA_F
ClientSampleId :
MID-H4(ELEV-22)

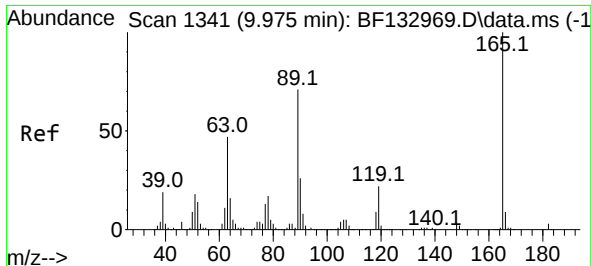
Tgt Ion:163 Resp: 84449
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 509.5 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.430 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.206 min
Lab File: BF133038.D
Acq: 25 Apr 2023 20:58

Tgt Ion:165 Resp: 54505
Ion Ratio Lower Upper
165 100
63 0.9 45.9 68.9#
89 1.1 44.0 66.0#





#57

2,4-Dinitrotoluene

Concen: 6.610 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.194 min

Lab File: BF133038.D

Acq: 25 Apr 2023 20:58

Instrument :

BNA_F

ClientSampleId :

MID-H4(ELEV-22)

Tgt Ion:165 Resp: 54505

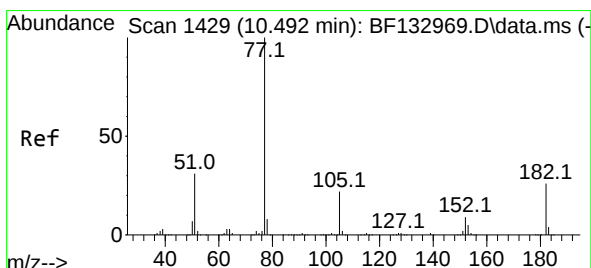
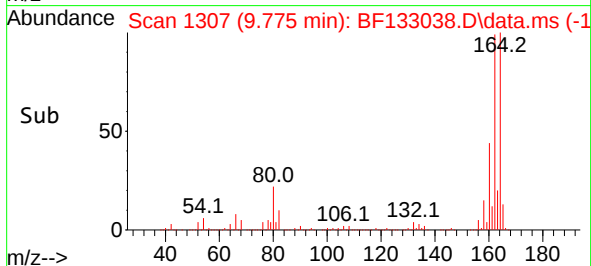
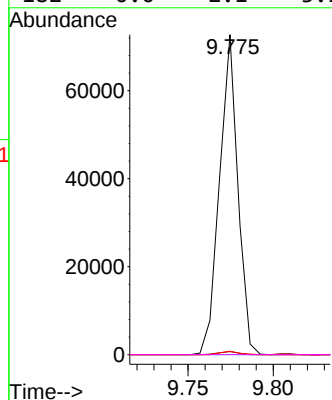
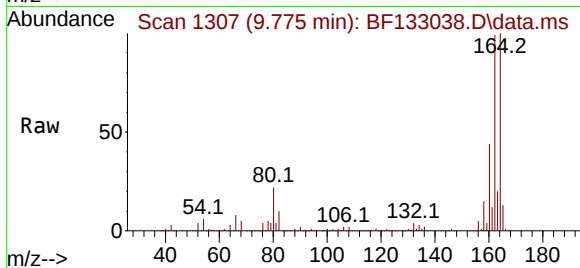
Ion Ratio Lower Upper

165 100

63 0.9 37.7 56.5#

89 1.1 57.0 85.4#

182 0.0 2.1 3.1#



#63

Azobenzene

Concen: 5.376 ng

RT: 10.486 min Scan# 1428

Delta R.T. 0.000 min

Lab File: BF133038.D

Acq: 25 Apr 2023 20:58

Tgt Ion: 77 Resp: 154542

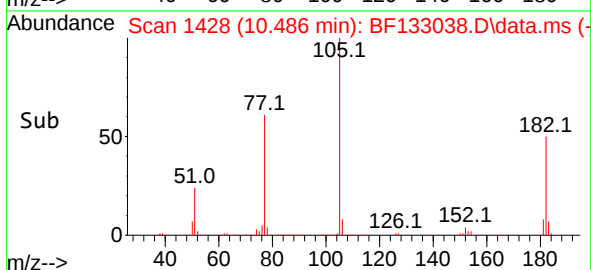
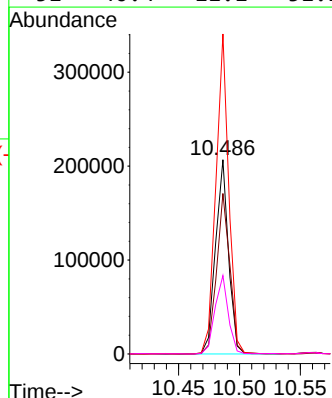
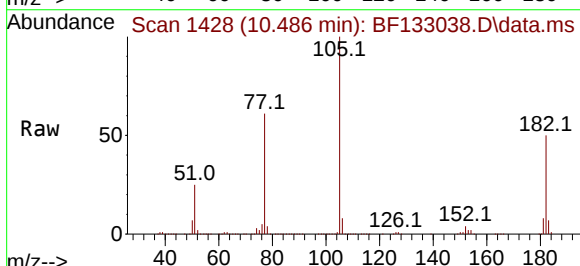
Ion Ratio Lower Upper

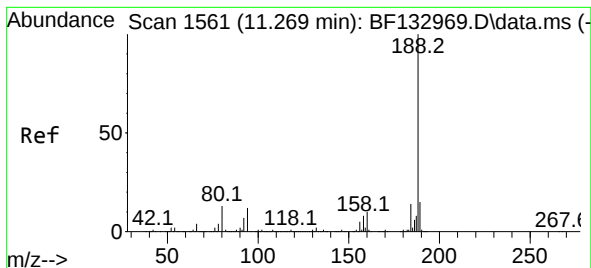
77 100

182 82.6 5.9 45.9#

105 164.7 2.3 42.3#

51 40.4 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.257 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133038.D

Acq: 25 Apr 2023 20:58

Instrument :

BNA_F

ClientSampleId :

MID-H4(ELEV-22)

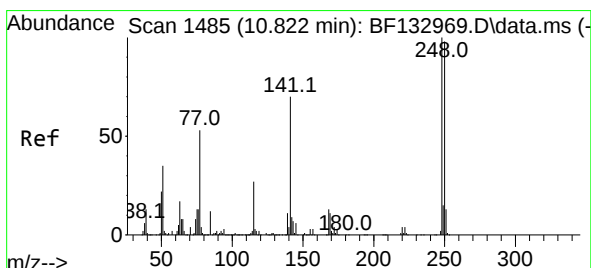
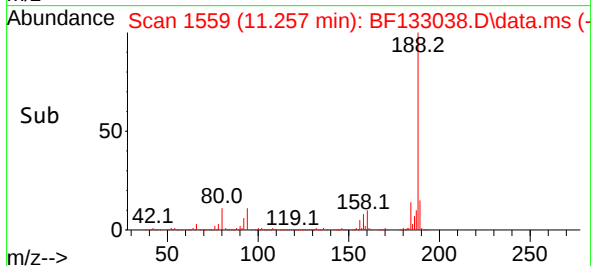
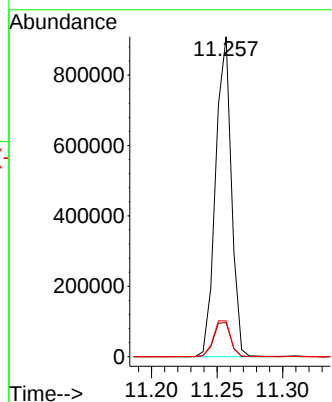
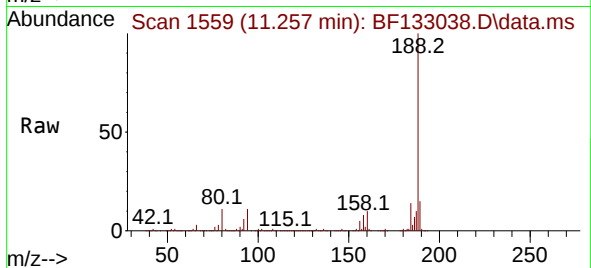
Tgt Ion:188 Resp: 760632

Ion Ratio Lower Upper

188 100

94 10.6 9.7 14.5

80 11.2 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 2.097 ng

RT: 10.563 min Scan# 1441

Delta R.T. -0.247 min

Lab File: BF133038.D

Acq: 25 Apr 2023 20:58

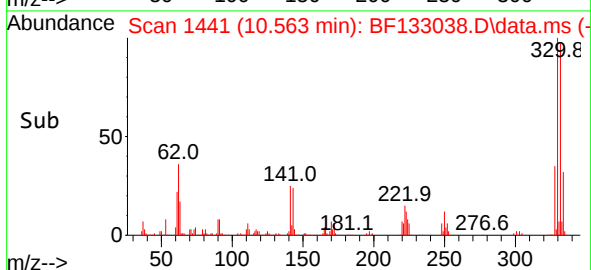
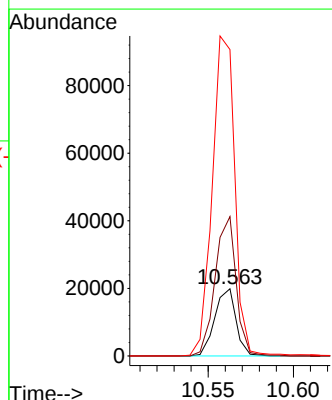
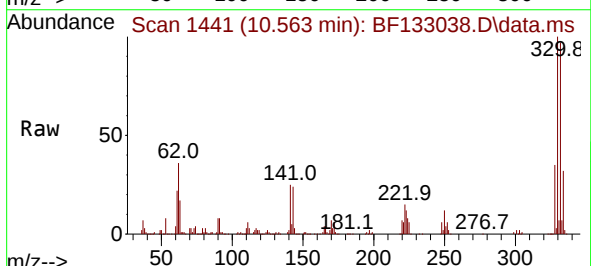
Tgt Ion:248 Resp: 17296

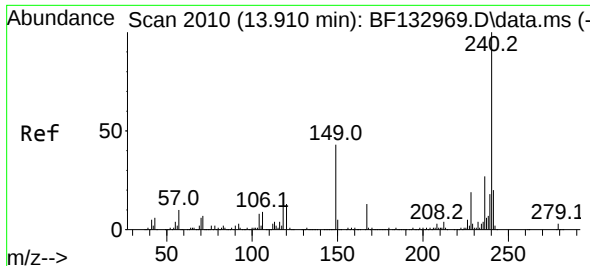
Ion Ratio Lower Upper

248 100

250 207.2 78.7 118.1#

141 455.6 56.3 84.5#

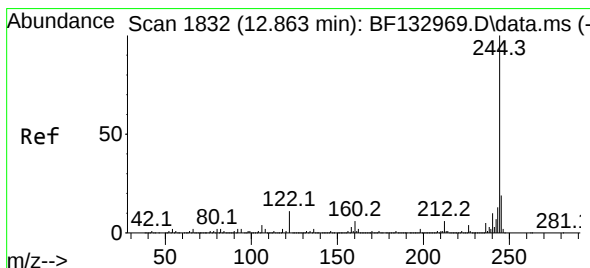
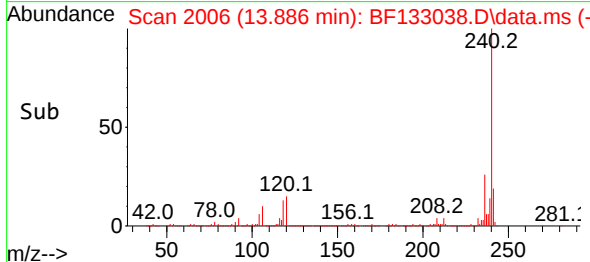
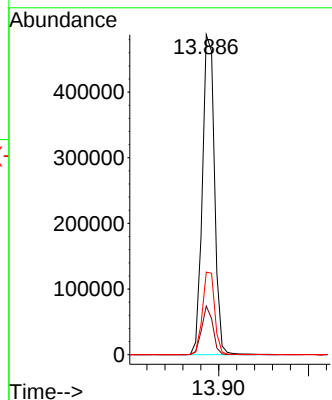
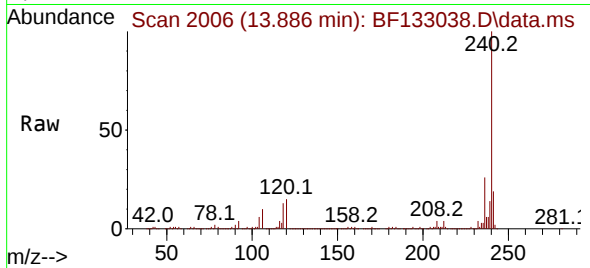




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF133038.D
Acq: 25 Apr 2023 20:58

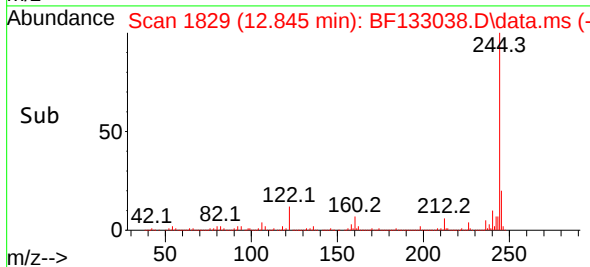
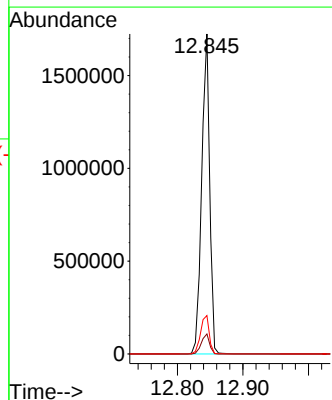
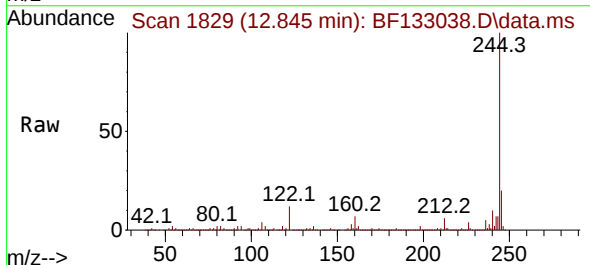
Instrument :
BNA_F
ClientSampleId :
MID-H4(ELEV-22)

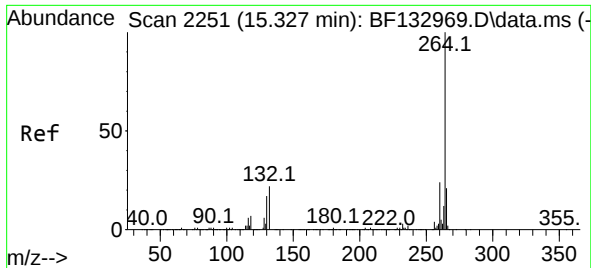
Tgt Ion:240 Resp: 457507
Ion Ratio Lower Upper
240 100
120 15.2 10.5 15.7
236 25.8 21.5 32.3



#79
Terphenyl-d14
Concen: 55.143 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF133038.D
Acq: 25 Apr 2023 20:58

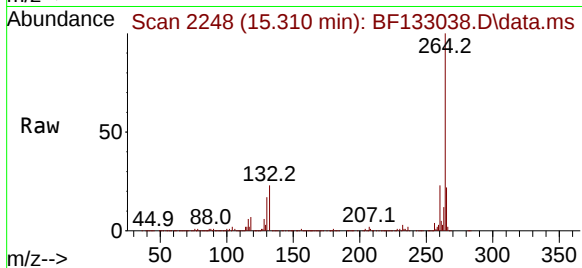
Tgt Ion:244 Resp: 1462792
Ion Ratio Lower Upper
244 100
212 6.2 5.1 7.7
122 12.0 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.310 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF133038.D
 Acq: 25 Apr 2023 20:58

Instrument :
 BNA_F
 ClientSampleId :
 MID-H4(ELEV-22)



Tgt Ion:264 Resp: 377936
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.9 17.0 25.4

