

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133058.D
 Acq On : 26 Apr 2023 11:03
 Operator : CG\JU
 Sample : PB152346TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152346TB

Quant Time: Apr 27 01:53:09 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)

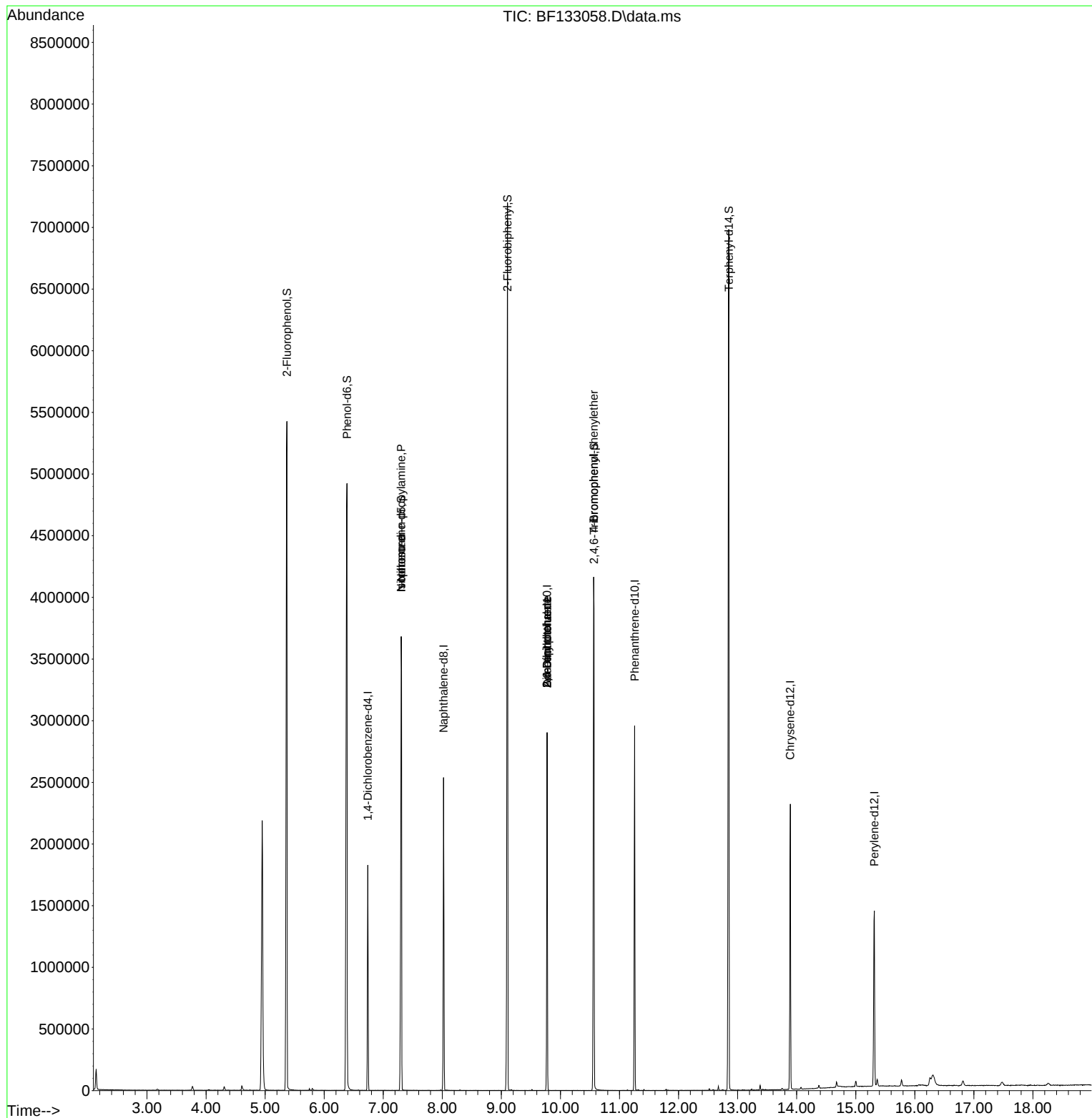
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	240682	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	1007530	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	525409	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	961609	20.000	ng	0.00
76) Chrysene-d12	13.892	240	708925	20.000	ng	0.00
86) Perylene-d12	15.315	264	601789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1880774	118.044	ng	0.02
7) Phenol-d6	6.387	99	2284669	115.528	ng	0.00
23) Nitrobenzene-d5	7.304	82	1406235	75.337	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	622739	117.854	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	2352325	74.902	ng	0.00
79) Terphenyl-d14	12.851	244	2762126	67.197	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.387	77	3186	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.304	70	187613	15.239	ng	# 76
25) Isophorone	7.304	82	1403039	39.589	ng	# 63
50) Dimethylphthalate	9.775	163	110836	3.025	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	68929	8.359	ng	# 24
57) 2,4-Dinitrotoluene	9.775	165	68929	6.555	ng	# 23
67) 4-Bromophenyl-phenylether	10.563	248	38176	3.660	ng	# 1

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

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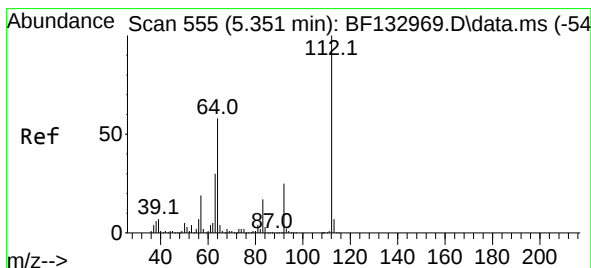
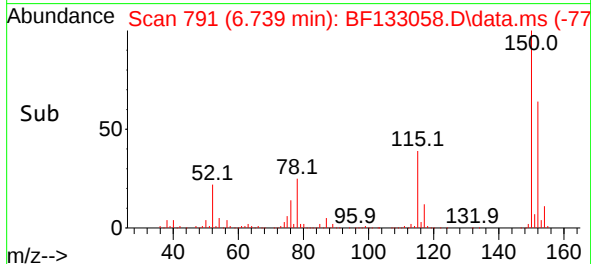
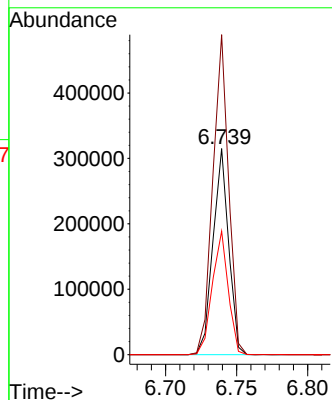
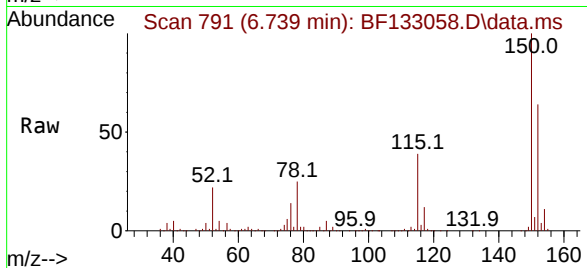




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133058.D
Acq: 26 Apr 2023 11:03

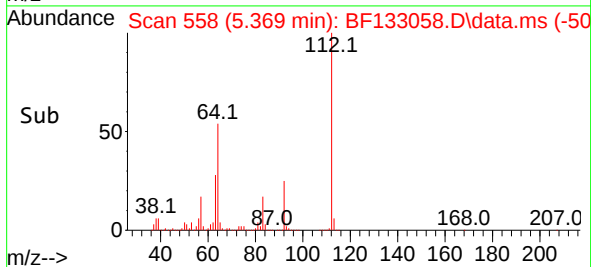
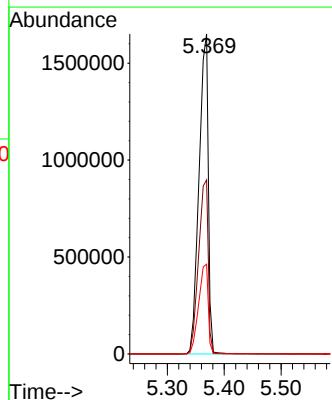
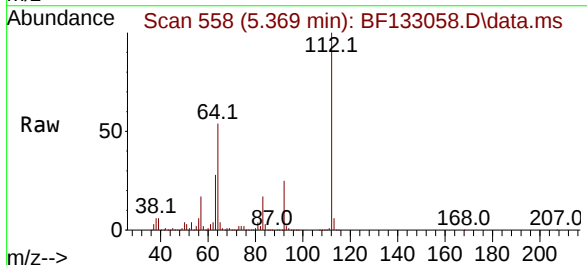
Instrument :
BNA_F
ClientSampleId :
PB152346TB

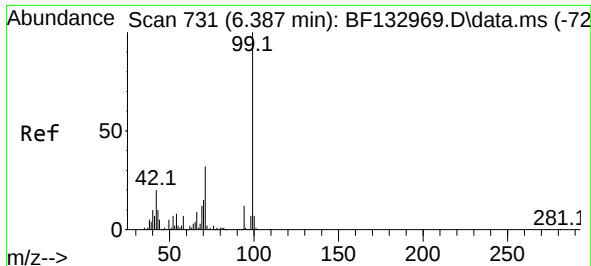
Tgt Ion:152 Resp: 240682
Ion Ratio Lower Upper
152 100
150 155.3 124.8 187.2
115 60.0 49.9 74.9



#5
2-Fluorophenol
Concen: 118.044 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.018 min
Lab File: BF133058.D
Acq: 26 Apr 2023 11:03

Tgt Ion:112 Resp: 1880774
Ion Ratio Lower Upper
112 100
64 54.4 46.8 70.2
63 28.1 23.8 35.8

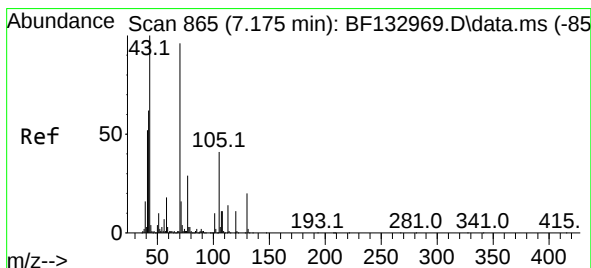
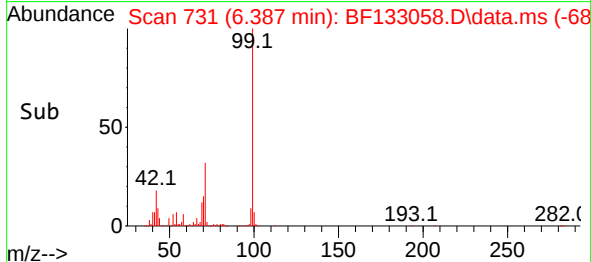
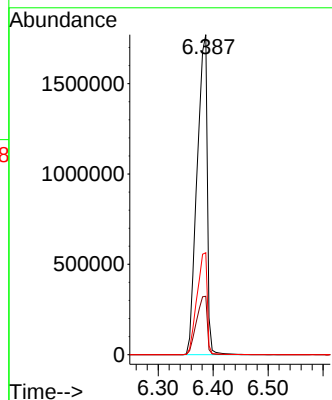
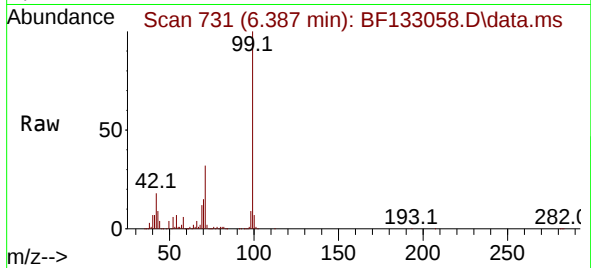




#7
Phenol-d6
Concen: 115.528 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133058.D
Acq: 26 Apr 2023 11:03

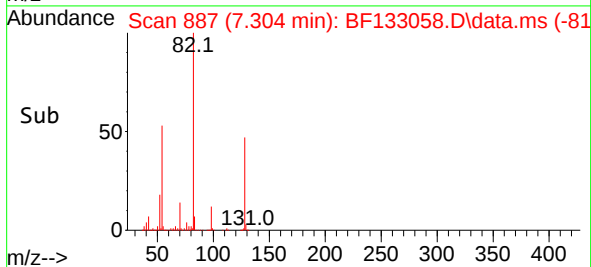
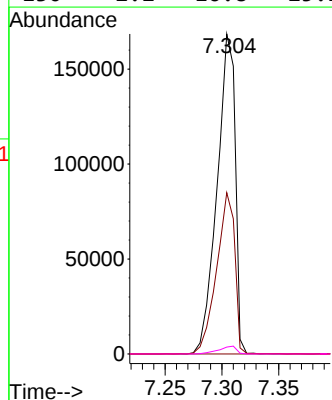
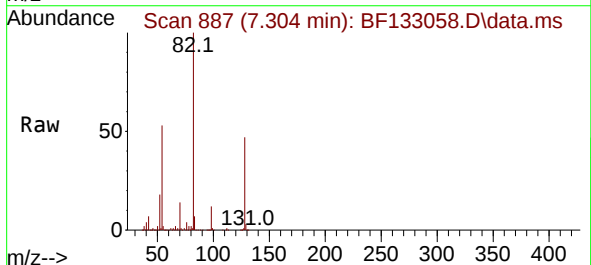
Instrument :
BNA_F
ClientSampleId :
PB152346TB

Tgt Ion: 99 Resp: 2284669
Ion Ratio Lower Upper
99 100
42 18.3 16.3 24.5
71 31.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.239 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF133058.D
Acq: 26 Apr 2023 11:03

Tgt Ion: 70 Resp: 187613
Ion Ratio Lower Upper
70 100
42 50.4 51.8 77.6#
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#

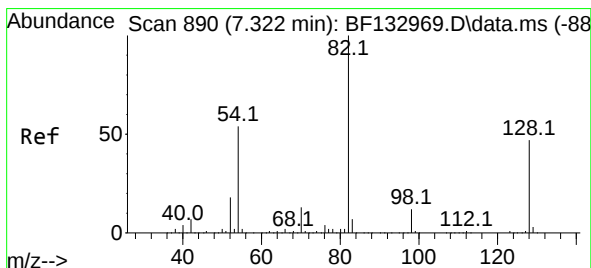
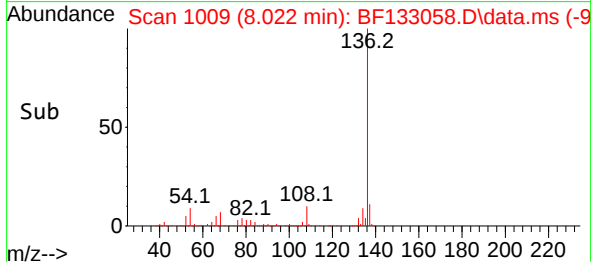
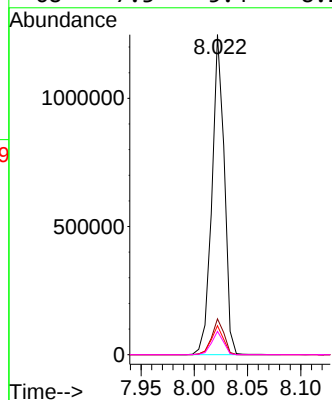
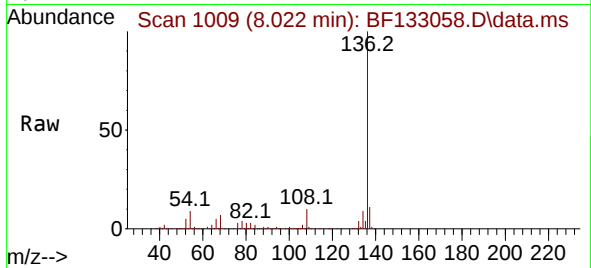




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133058.D
Acq: 26 Apr 2023 11:03

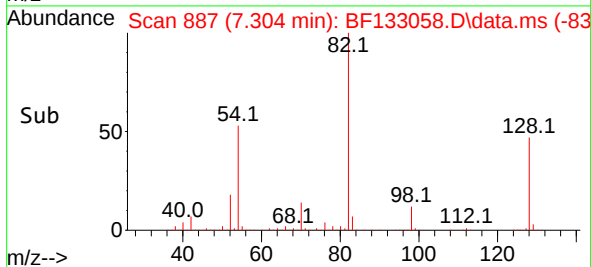
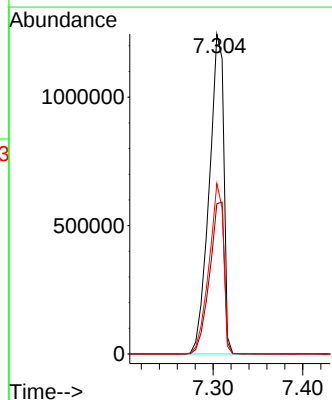
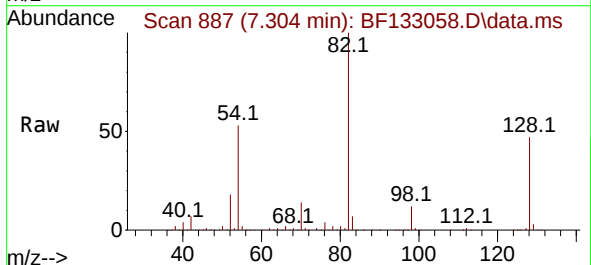
Instrument :
BNA_F
ClientSampleId :
PB152346TB

Tgt Ion:136 Resp: 1007530
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.1 7.0 10.4
68 7.3 5.4 8.2



#23
Nitrobenzene-d5
Concen: 75.337 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF133058.D
Acq: 26 Apr 2023 11:03

Tgt Ion: 82 Resp: 1406235
Ion Ratio Lower Upper
82 100
128 47.0 37.7 56.5
54 53.2 43.0 64.4

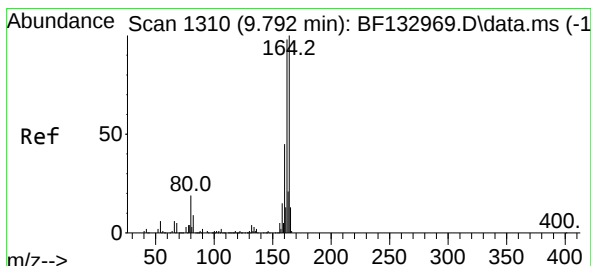
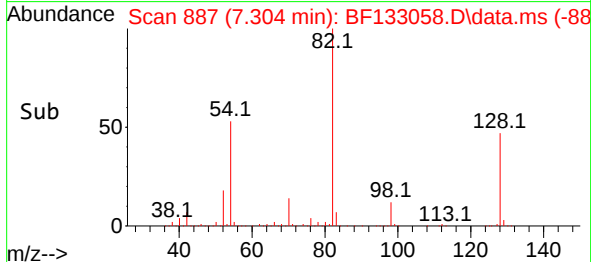
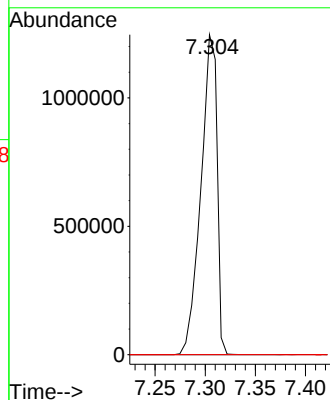
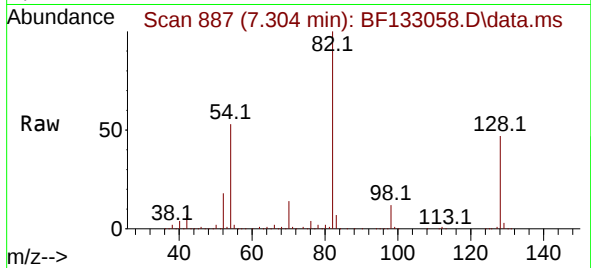




#25
Isophorone
Concen: 39.589 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133058.D
Acq: 26 Apr 2023 11:03

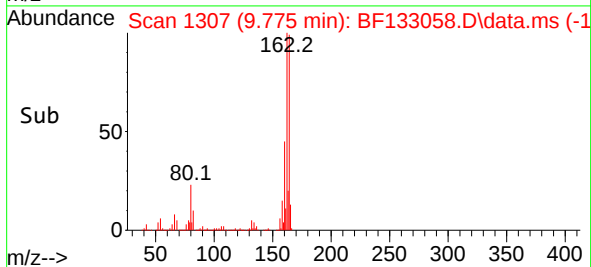
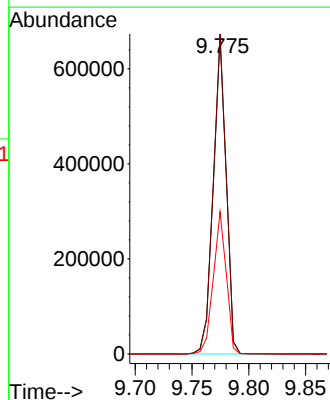
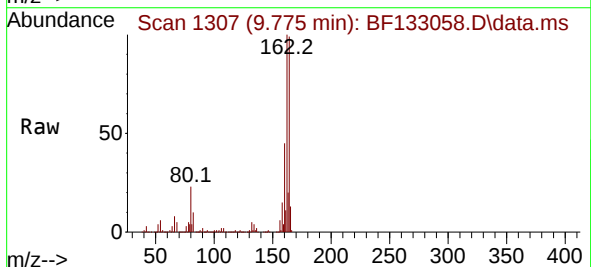
Instrument :
BNA_F
ClientSampleId :
PB152346TB

Tgt Ion: 82 Resp: 1403039
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: BF133058.D
Acq: 26 Apr 2023 11:03

Tgt Ion:164 Resp: 525409
Ion Ratio Lower Upper
164 100
162 100.9 78.7 118.1
160 44.9 35.8 53.6

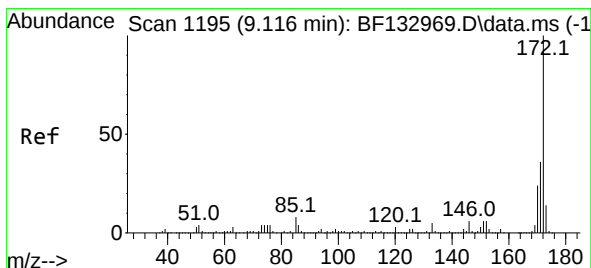
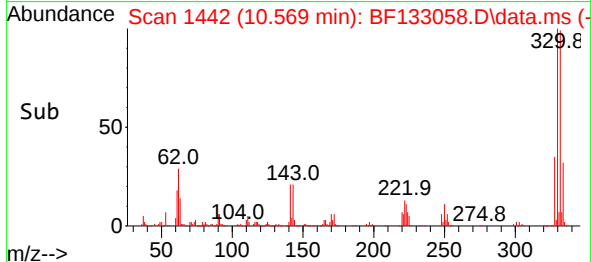
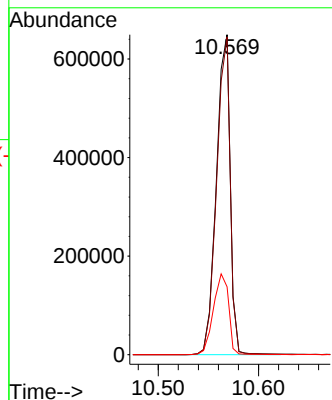
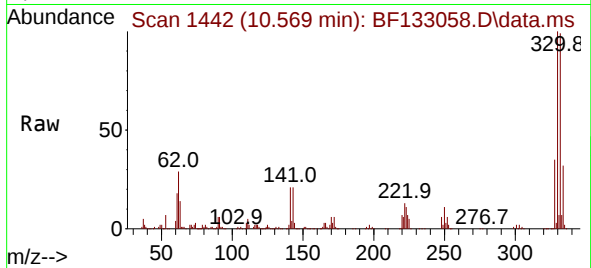




#42
2,4,6-Tribromophenol
Concen: 117.854 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF133058.D
Acq: 26 Apr 2023 11:03

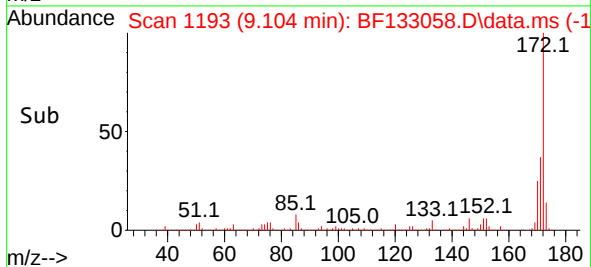
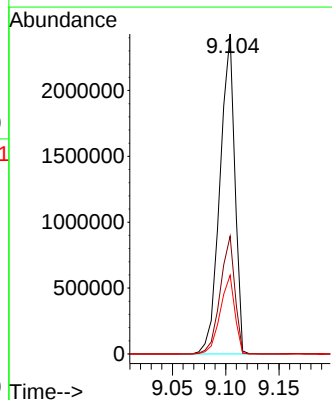
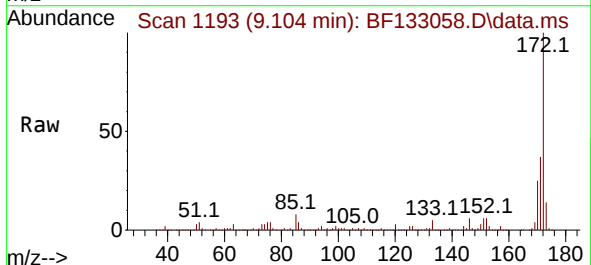
Instrument :
BNA_F
ClientSampleId :
PB152346TB

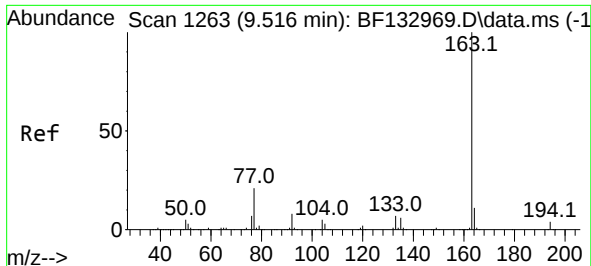
Tgt Ion:330 Resp: 622739
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 27.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 74.902 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF133058.D
Acq: 26 Apr 2023 11:03

Tgt Ion:172 Resp: 2352325
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.6 19.4 29.2

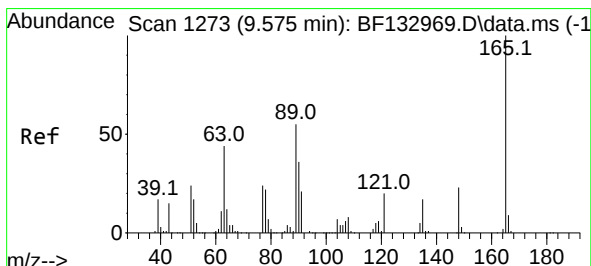
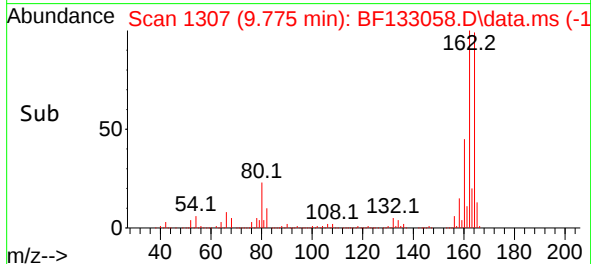
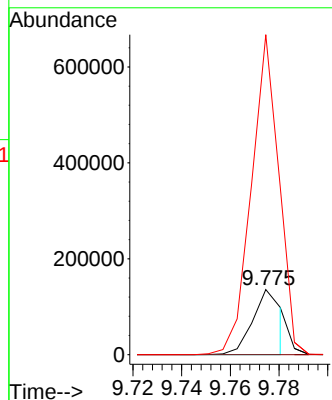
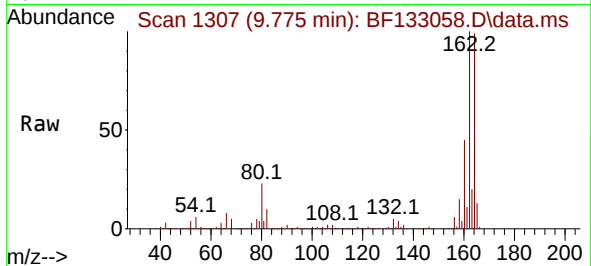




#50
Dimethylphthalate
Concen: 3.025 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133058.D
Acq: 26 Apr 2023 11:03

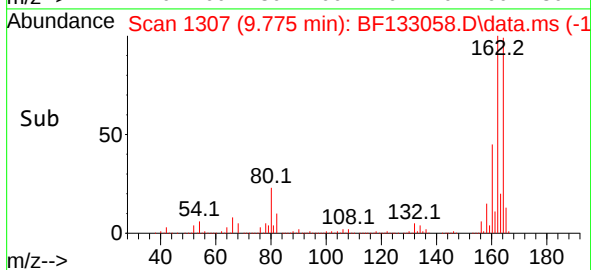
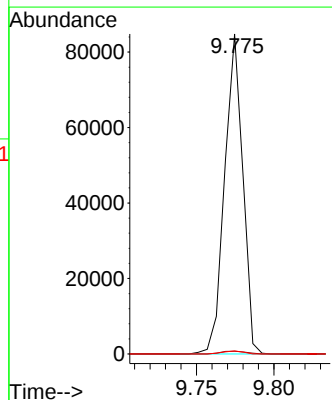
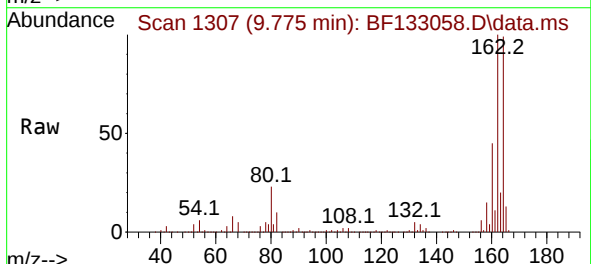
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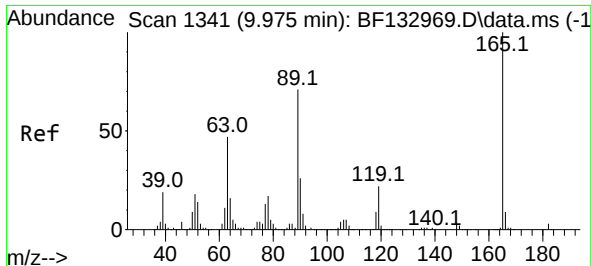
Tgt Ion:163 Resp: 110836
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 491.8 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.359 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.206 min
Lab File: BF133058.D
Acq: 26 Apr 2023 11:03

Tgt Ion:165 Resp: 68929
Ion Ratio Lower Upper
165 100
63 0.9 45.9 68.9#
89 1.0 44.0 66.0#





#57

2,4-Dinitrotoluene

Concen: 6.555 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF133058.D

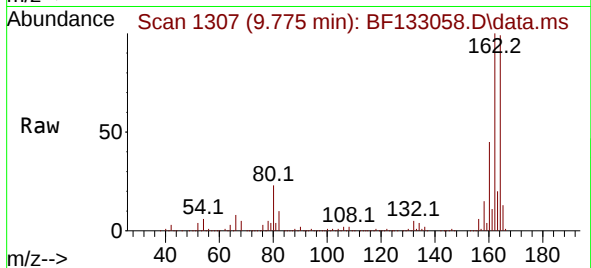
Acq: 26 Apr 2023 11:03

Instrument :

BNA_F

ClientSampleId :

PB152346TB



Tgt Ion:165 Resp: 68929

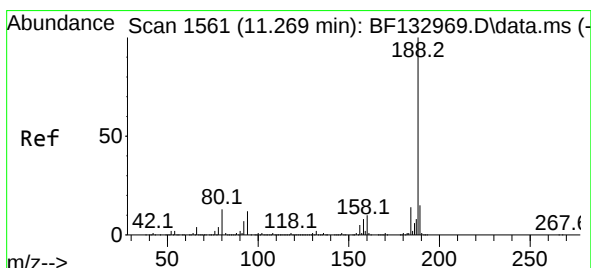
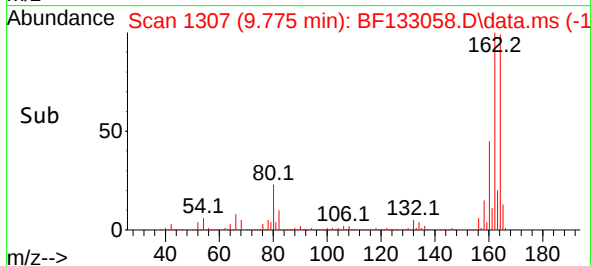
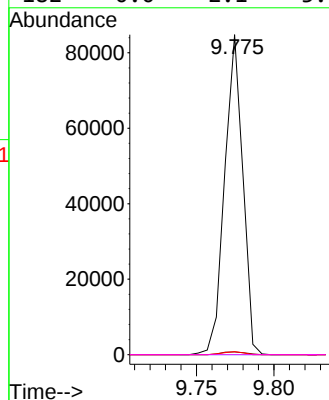
Ion Ratio Lower Upper

165 100

63 0.9 37.7 56.5#

89 1.0 57.0 85.4#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.257 min Scan# 1559

Delta R.T. -0.006 min

Lab File: BF133058.D

Acq: 26 Apr 2023 11:03

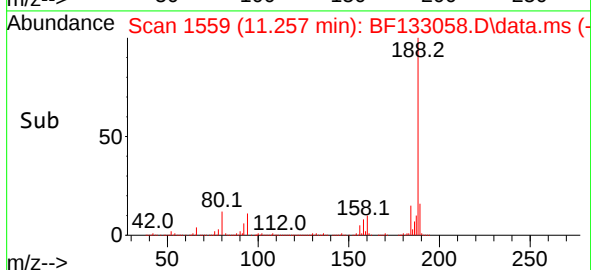
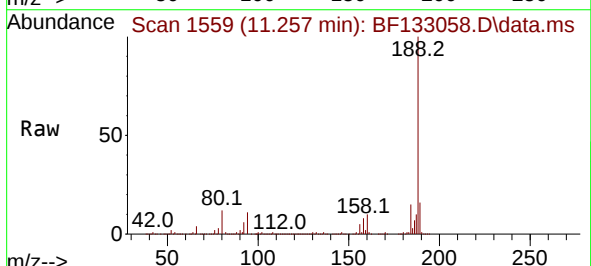
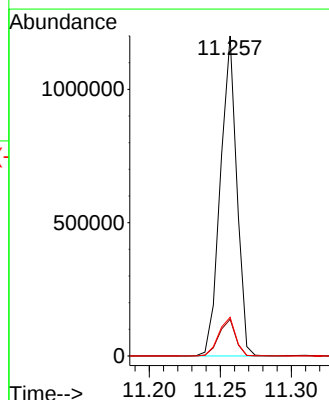
Tgt Ion:188 Resp: 961609

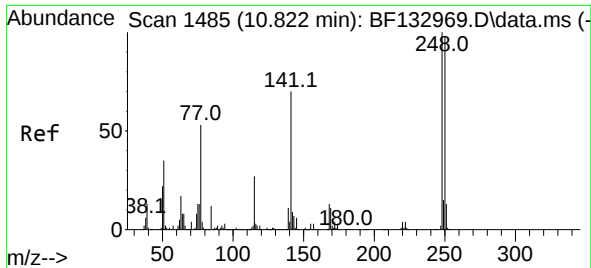
Ion Ratio Lower Upper

188 100

94 11.4 9.7 14.5

80 12.1 10.4 15.6

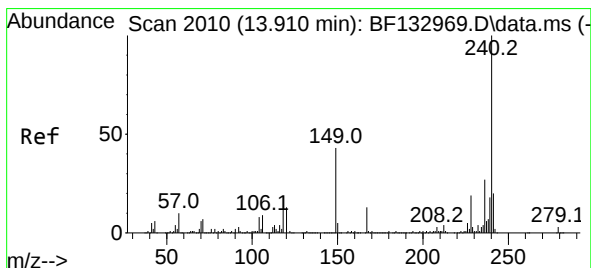
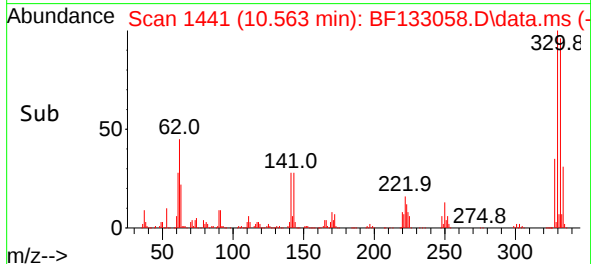
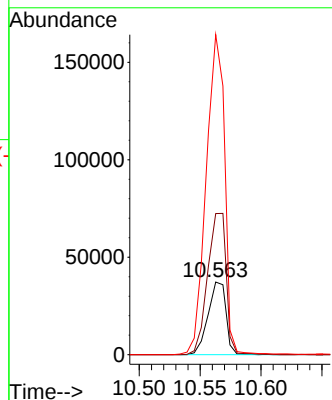
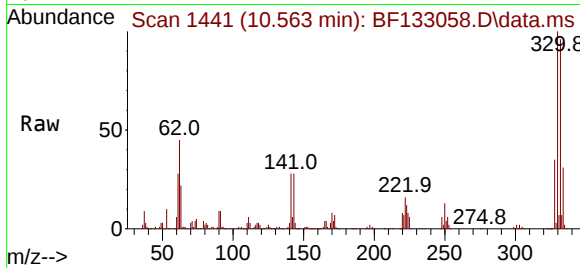




#67
4-Bromophenyl-phenylether
Concen: 3.660 ng
RT: 10.563 min Scan# 1485
Delta R.T. -0.247 min
Lab File: BF133058.D
Acq: 26 Apr 2023 11:03

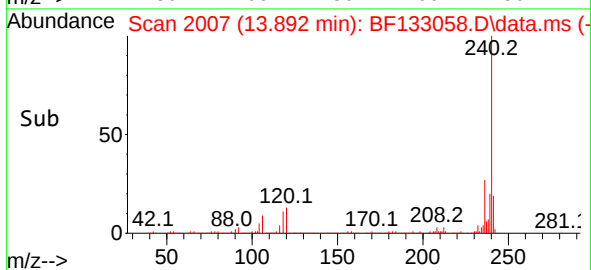
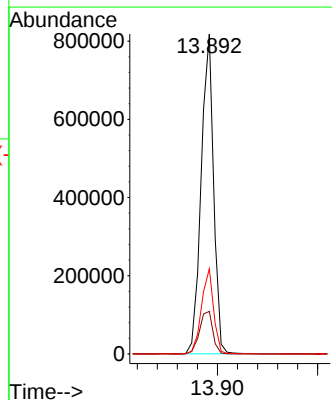
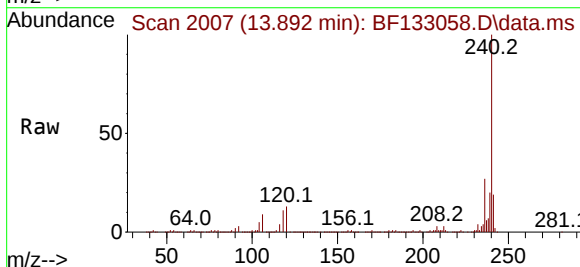
Instrument :
BNA_F
ClientSampleId :
PB152346TB

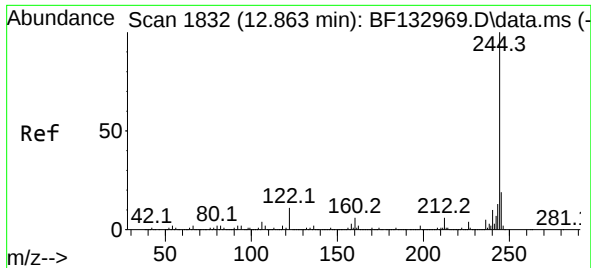
Tgt Ion:248 Resp: 38176
Ion Ratio Lower Upper
248 100
250 194.4 78.7 118.1#
141 440.6 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF133058.D
Acq: 26 Apr 2023 11:03

Tgt Ion:240 Resp: 708925
Ion Ratio Lower Upper
240 100
120 13.3 10.5 15.7
236 26.6 21.5 32.3

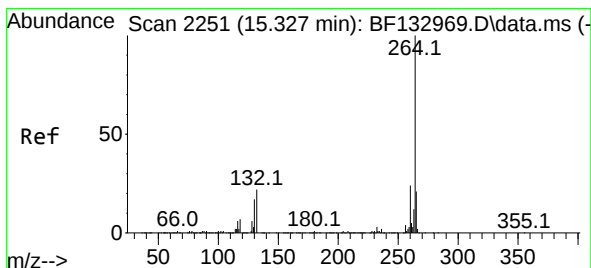
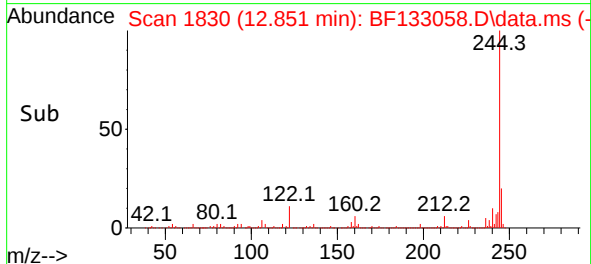
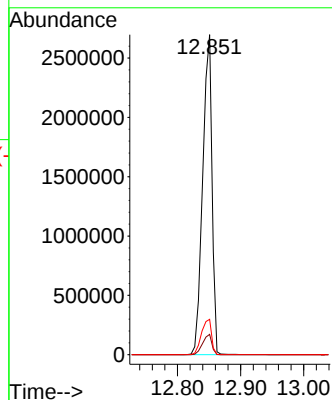
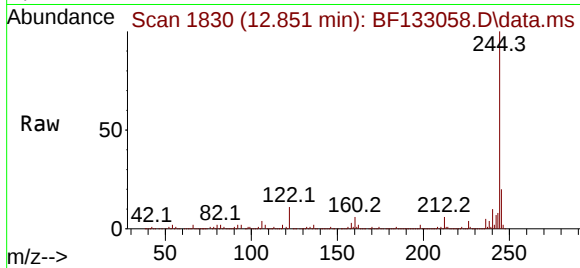




#79
 Terphenyl-d14
 Concen: 67.197 ng
 RT: 12.851 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133058.D
 Acq: 26 Apr 2023 11:03

Instrument :
 BNA_F
 ClientSampleId :
 PB152346TB

Tgt Ion:244 Resp: 2762126
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 11.0 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.315 min Scan# 2249
 Delta R.T. 0.000 min
 Lab File: BF133058.D
 Acq: 26 Apr 2023 11:03

Tgt Ion:264 Resp: 601789
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.9 17.0 25.4

