

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133063.D
 Acq On : 26 Apr 2023 13:40
 Operator : CG\JU
 Sample : 02427-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230343-COMP-21

Quant Time: Apr 27 01:54:35 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)

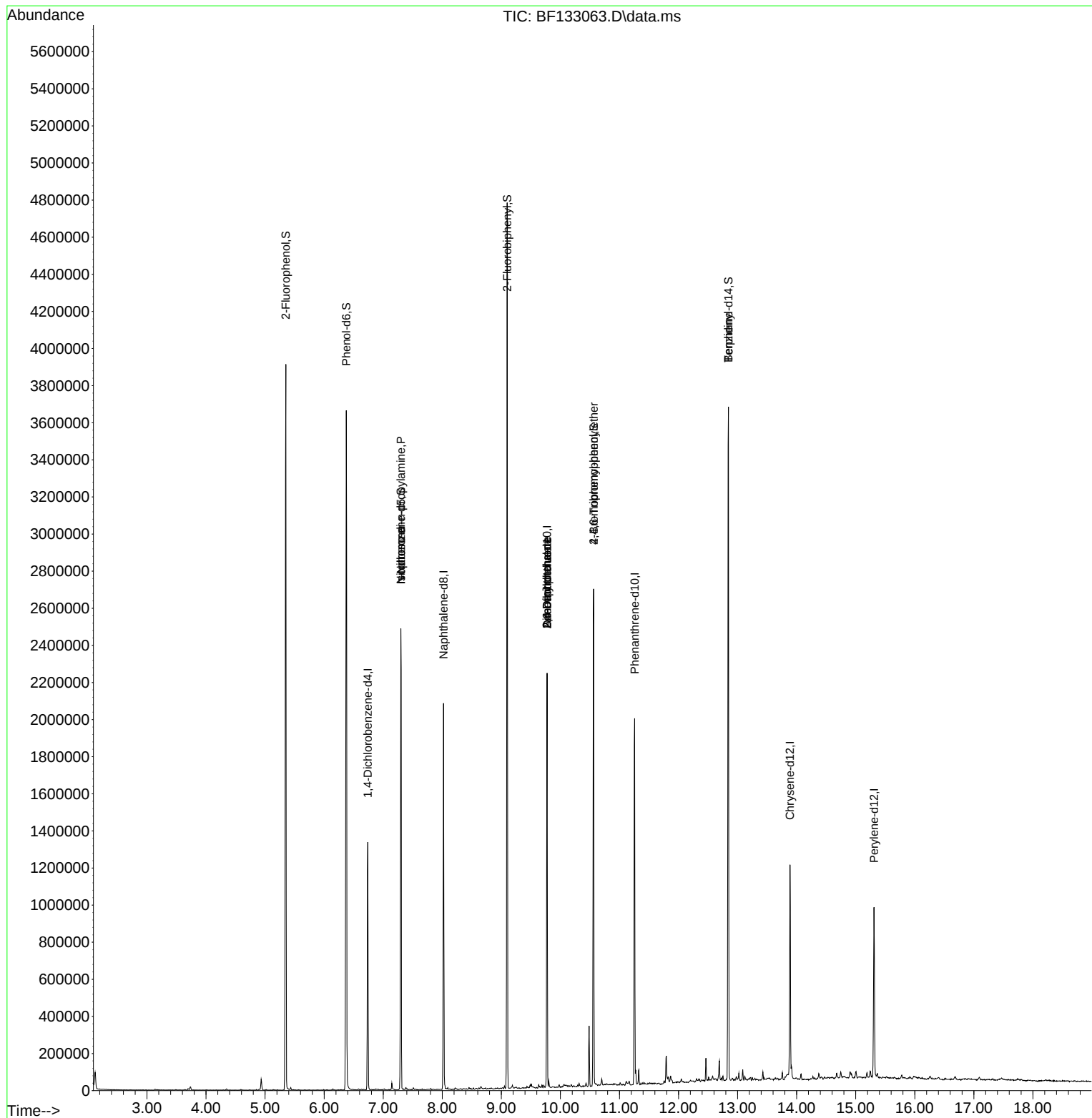
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	190304	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	778970	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	405571	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	716470	20.000	ng	0.00
76) Chrysene-d12	13.886	240	342381	20.000	ng	-0.01
86) Perylene-d12	15.310	264	373102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1137962	90.330	ng	0.00
7) Phenol-d6	6.375	99	1417814	90.673	ng	-0.01
23) Nitrobenzene-d5	7.298	82	793758	55.002	ng	-0.01
42) 2,4,6-Tribromophenol	10.563	330	333917	81.867	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1306266	53.884	ng	-0.01
79) Terphenyl-d14	12.845	244	1320244	66.504	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.281	77	506	Below Cal	#	67
19) n-Nitroso-di-n-propyla...	7.298	70	104625	10.748	ng	# 76
25) Isophorone	7.298	82	791755	28.896	ng	# 63
50) Dimethylphthalate	9.775	163	83595	2.956	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	52367	8.227	ng	# 24
57) 2,4-Dinitrotoluene	9.775	165	52367	6.451	ng	# 22
67) 4-Bromophenyl-phenylether	10.563	248	19987	2.572	ng	# 1
77) Benzidine	12.845	184	15313	2.645	ng	# 90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133063.D
Acq On : 26 Apr 2023 13:40
Operator : CG\JU
Sample : 02427-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20230343-COMP-21

Quant Time: Apr 27 01:54:35 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

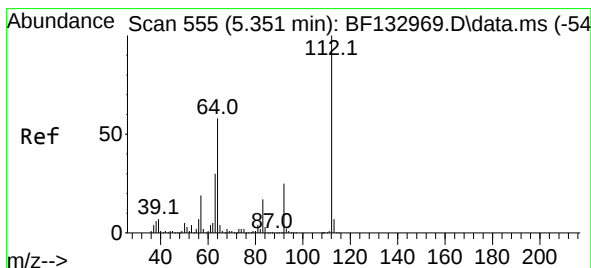
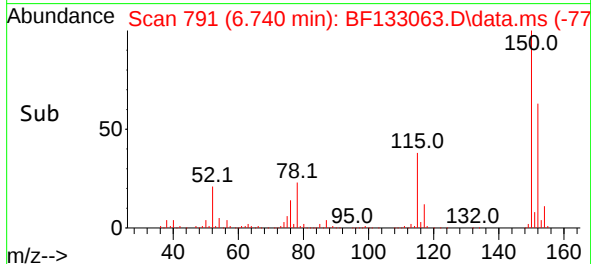
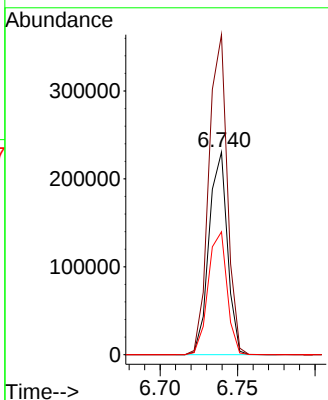
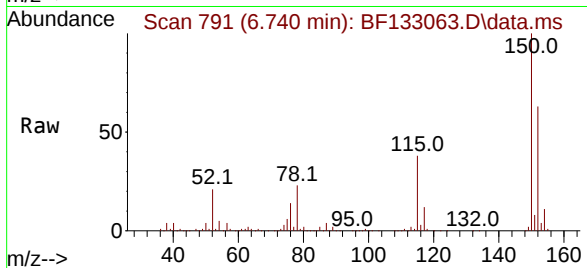




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133063.D
Acq: 26 Apr 2023 13:40

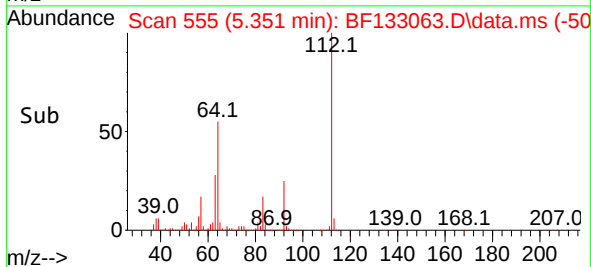
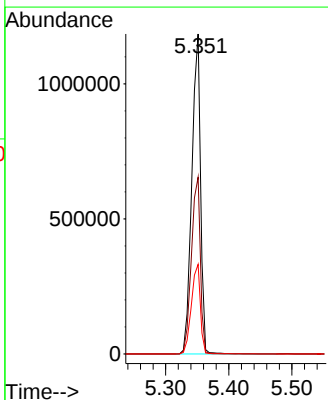
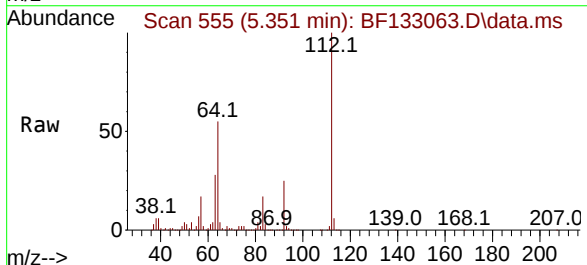
Instrument :
BNA_F
ClientSampleId :
20230343-COMP-21

Tgt Ion:152 Resp: 190304
Ion Ratio Lower Upper
152 100
150 158.0 124.8 187.2
115 60.6 49.9 74.9



#5
2-Fluorophenol
Concen: 90.330 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF133063.D
Acq: 26 Apr 2023 13:40

Tgt Ion:112 Resp: 1137962
Ion Ratio Lower Upper
112 100
64 55.3 46.8 70.2
63 28.0 23.8 35.8

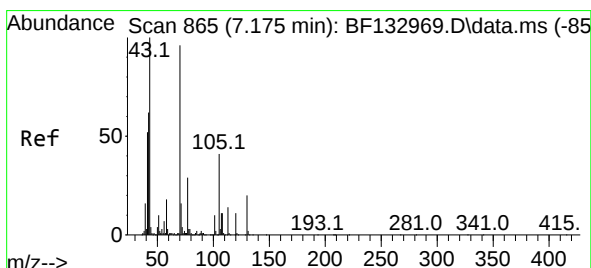
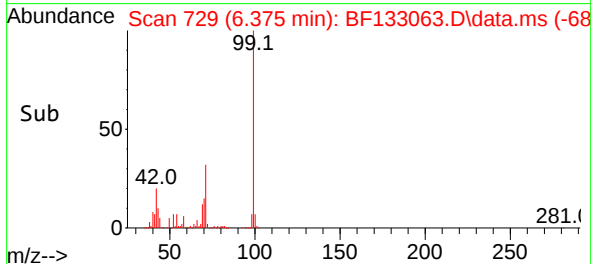
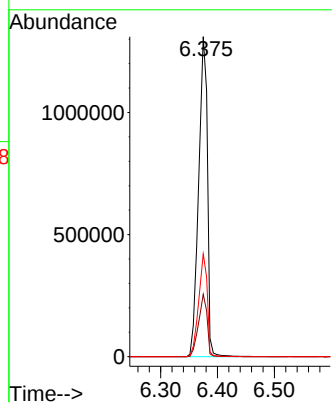
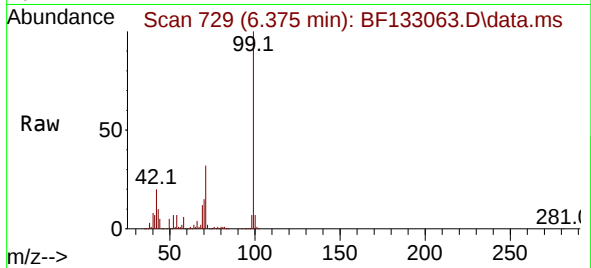




#7
Phenol-d6
Concen: 90.673 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133063.D
Acq: 26 Apr 2023 13:40

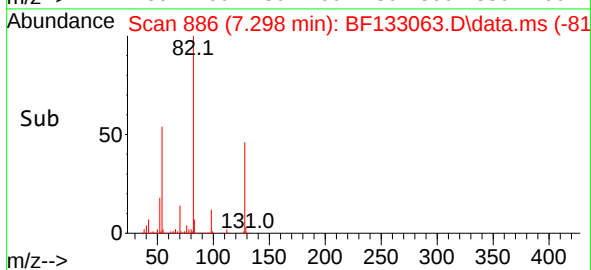
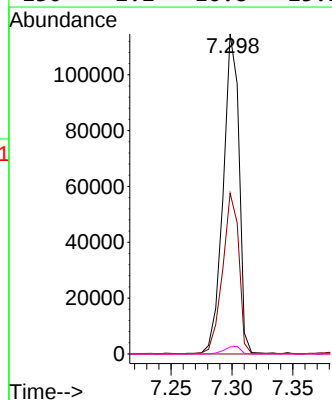
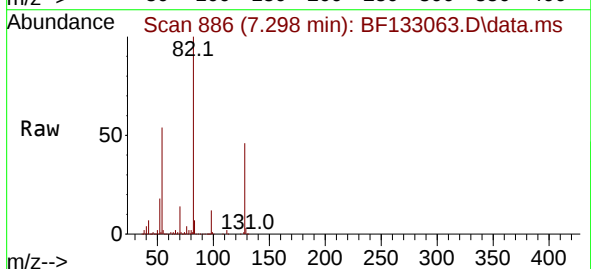
Instrument :
BNA_F
ClientSampleId :
20230343-COMP-21

Tgt Ion: 99 Resp: 1417814
Ion Ratio Lower Upper
99 100
42 19.5 16.3 24.5
71 32.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.748 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.136 min
Lab File: BF133063.D
Acq: 26 Apr 2023 13:40

Tgt Ion: 70 Resp: 104625
Ion Ratio Lower Upper
70 100
42 50.2 51.8 77.6#
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#



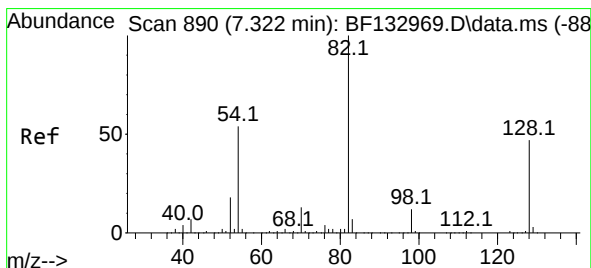
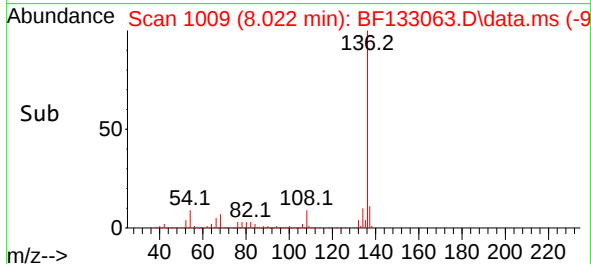
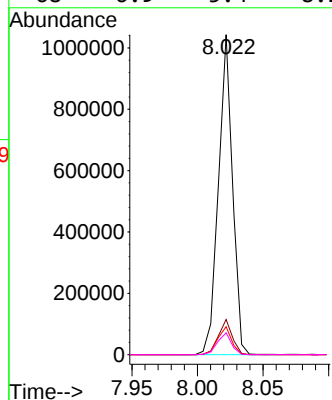
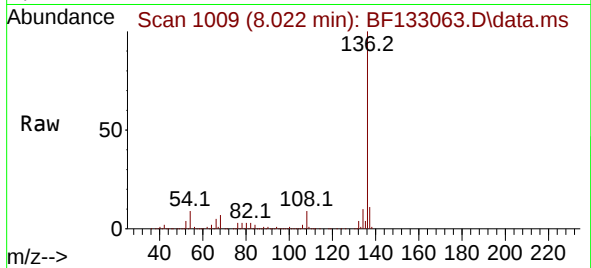


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133063.D
Acq: 26 Apr 2023 13:40

Instrument :
BNA_F
ClientSampleId :
20230343-COMP-21

Tgt Ion:136 Resp: 778970

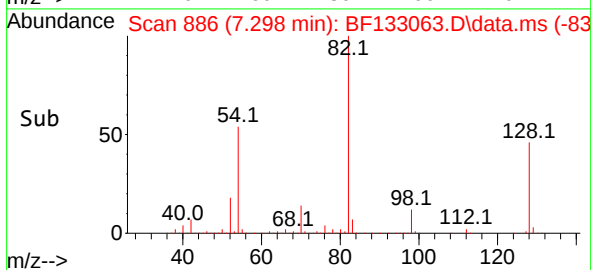
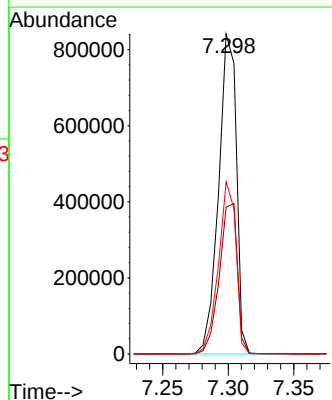
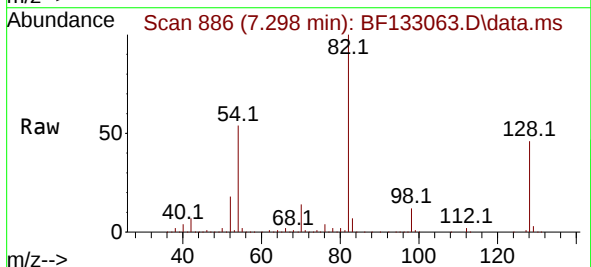
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.7	7.0	10.4
68	6.9	5.4	8.2



#23
Nitrobenzene-d5
Concen: 55.002 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF133063.D
Acq: 26 Apr 2023 13:40

Tgt Ion: 82 Resp: 793758

Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.7	56.5
54	53.8	43.0	64.4

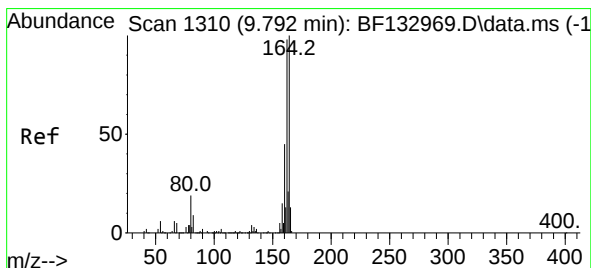
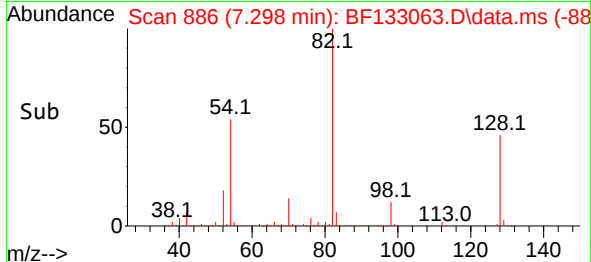
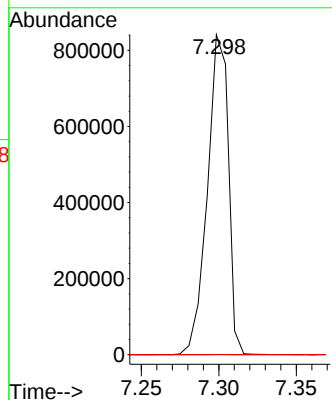
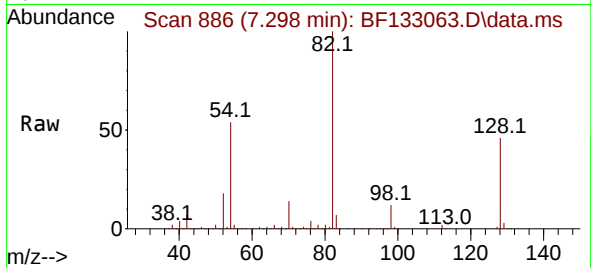




#25
Isophorone
Concen: 28.896 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF133063.D
Acq: 26 Apr 2023 13:40

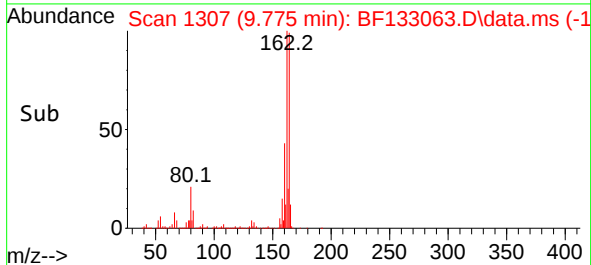
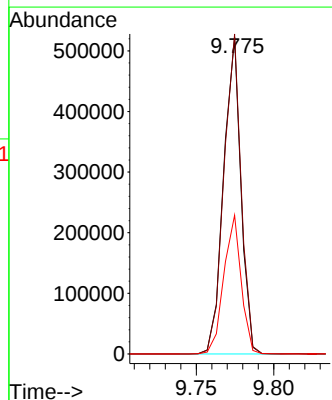
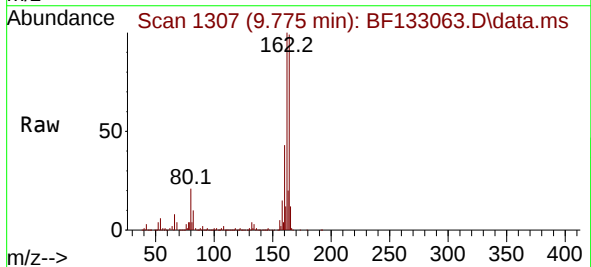
Instrument :
BNA_F
ClientSampleId :
20230343-COMP-21

Tgt Ion: 82 Resp: 791755
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: BF133063.D
Acq: 26 Apr 2023 13:40

Tgt Ion:164 Resp: 405571
Ion Ratio Lower Upper
164 100
162 101.0 78.7 118.1
160 43.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 81.867 ng

RT: 10.563 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133063.D

Acq: 26 Apr 2023 13:40

Instrument :

BNA_F

ClientSampleId :

20230343-COMP-21

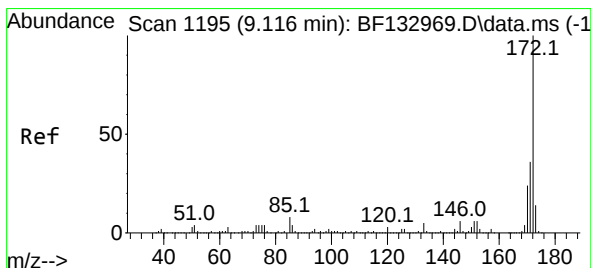
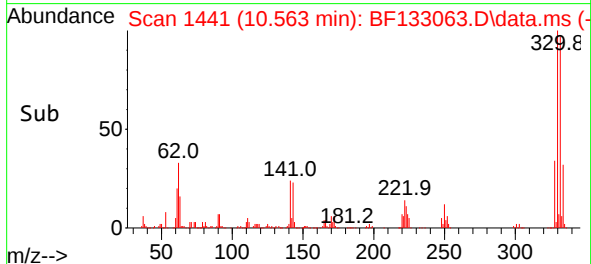
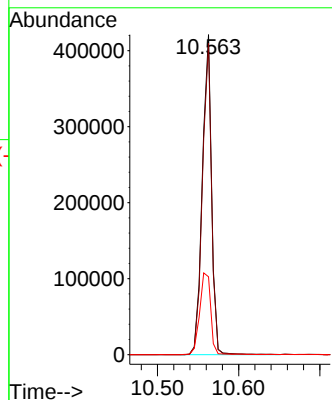
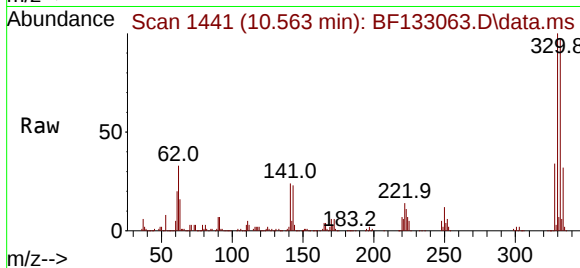
Tgt Ion:330 Resp: 333917

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

141 30.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 53.884 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF133063.D

Acq: 26 Apr 2023 13:40

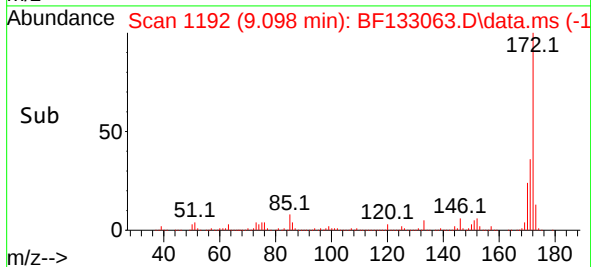
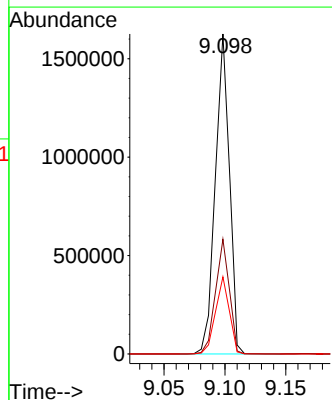
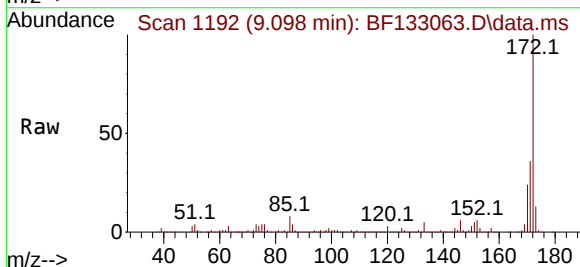
Tgt Ion:172 Resp: 1306266

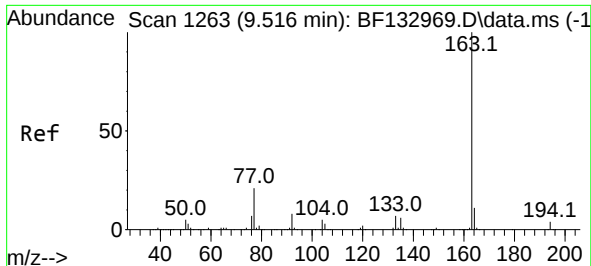
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.1 19.4 29.2

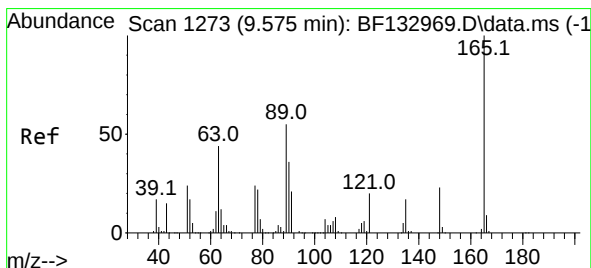
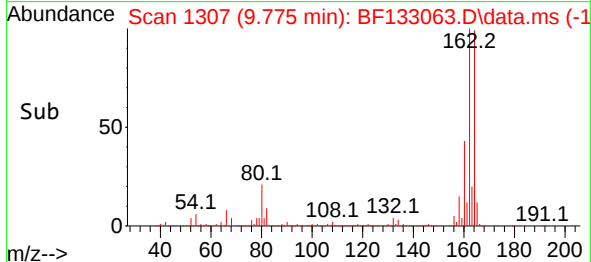
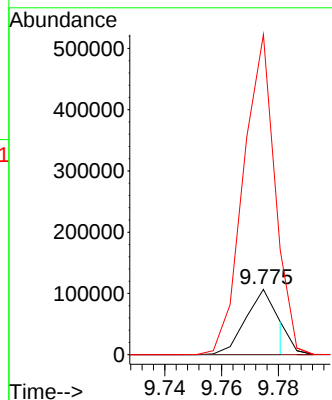
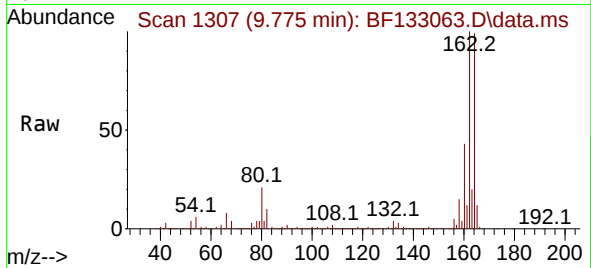




#50
Dimethylphthalate
Concen: 2.956 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133063.D
Acq: 26 Apr 2023 13:40

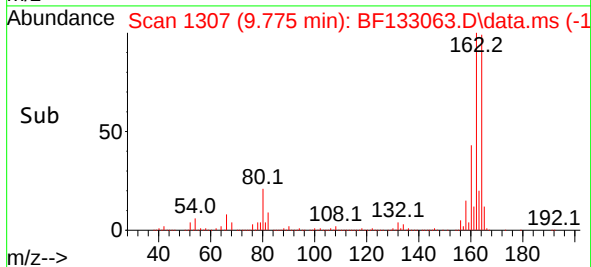
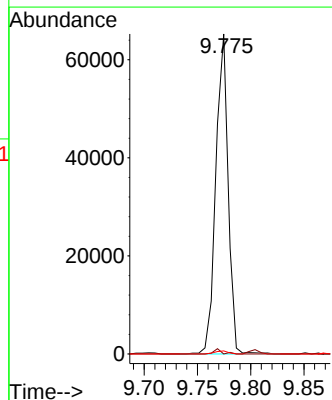
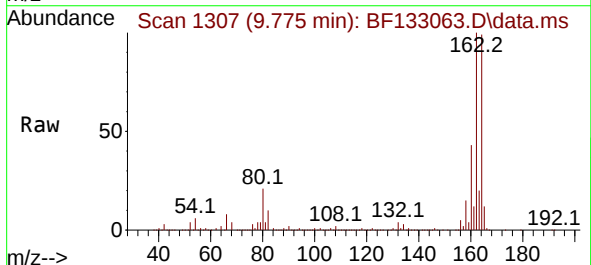
Instrument :
BNA_F
ClientSampleId :
20230343-COMP-21

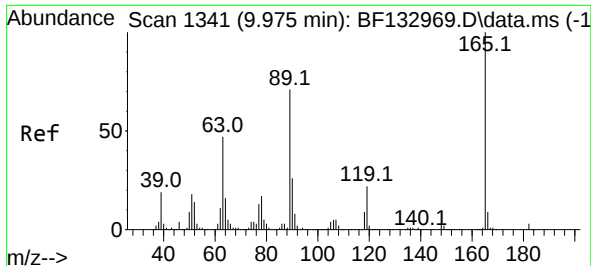
Tgt Ion:163 Resp: 83595
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 489.6 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.227 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.206 min
Lab File: BF133063.D
Acq: 26 Apr 2023 13:40

Tgt Ion:165 Resp: 52367
Ion Ratio Lower Upper
165 100
63 0.0 45.9 68.9#
89 1.0 44.0 66.0#





#57

2,4-Dinitrotoluene

Concen: 6.451 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF133063.D

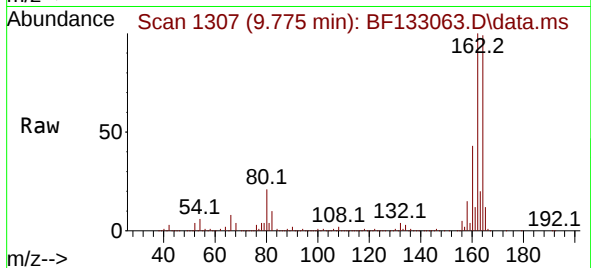
Acq: 26 Apr 2023 13:40

Instrument :

BNA_F

ClientSampleId :

20230343-COMP-21



Tgt Ion:165 Resp: 52367

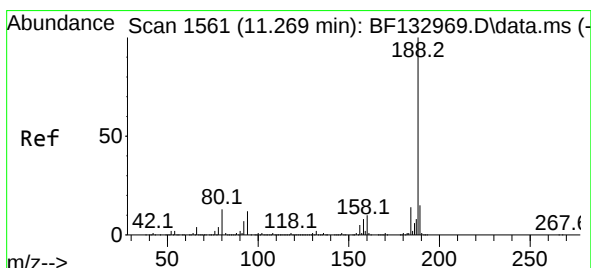
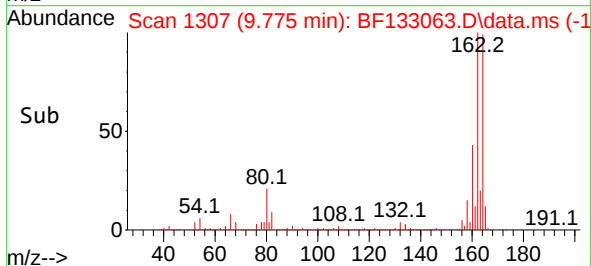
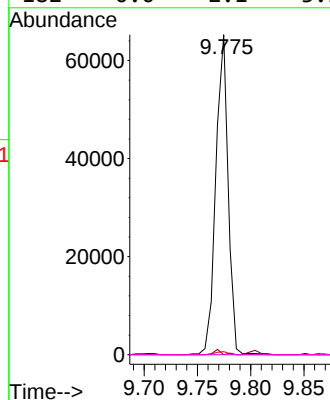
Ion Ratio Lower Upper

165 100

63 0.0 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: BF133063.D

Acq: 26 Apr 2023 13:40

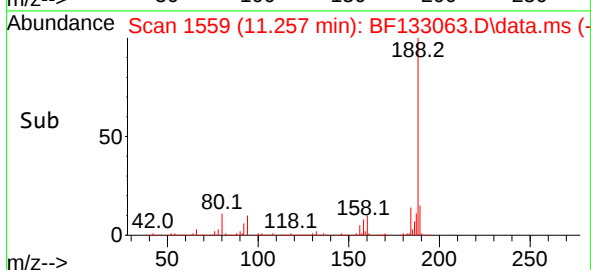
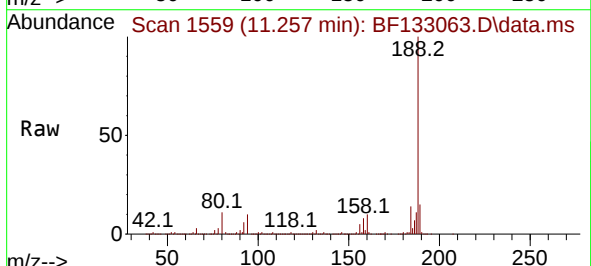
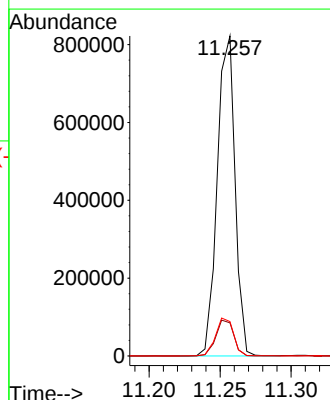
Tgt Ion:188 Resp: 716470

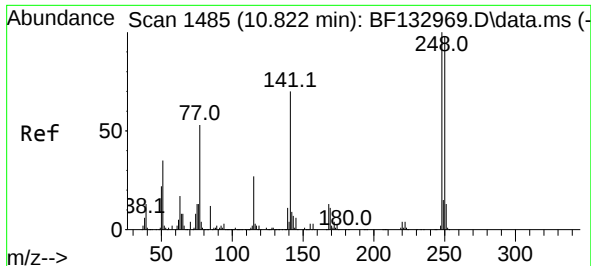
Ion Ratio Lower Upper

188 100

94 10.4 9.7 14.5

80 10.8 10.4 15.6

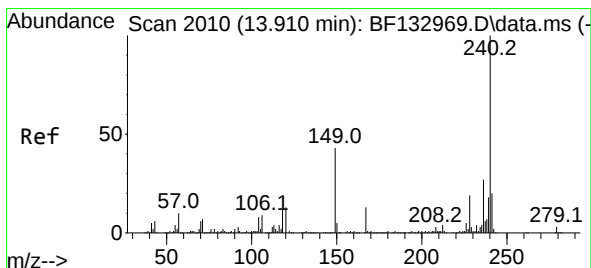
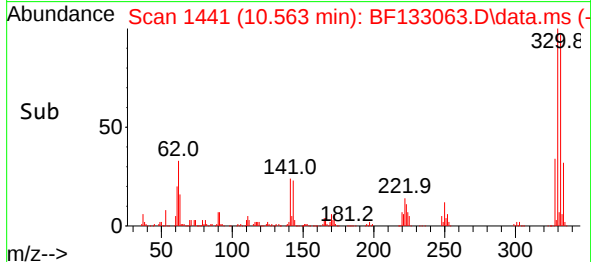
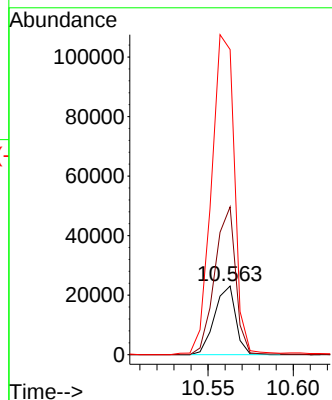
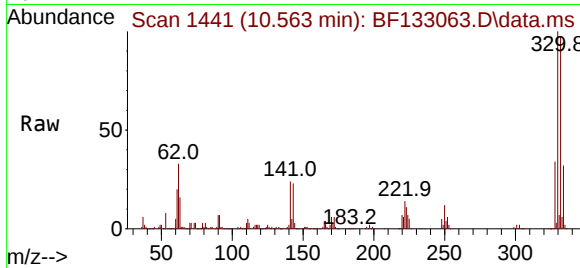




#67
4-Bromophenyl-phenylether
Concen: 2.572 ng
RT: 10.563 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133063.D
Acq: 26 Apr 2023 13:40

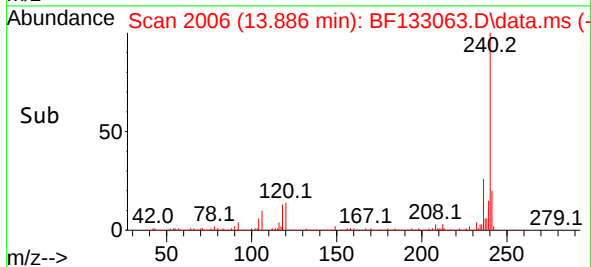
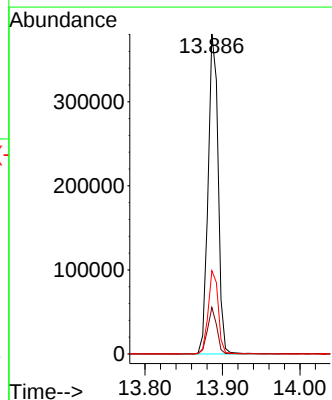
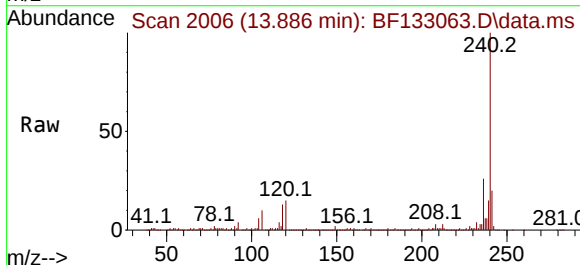
Instrument :
BNA_F
ClientSampleId :
20230343-COMP-21

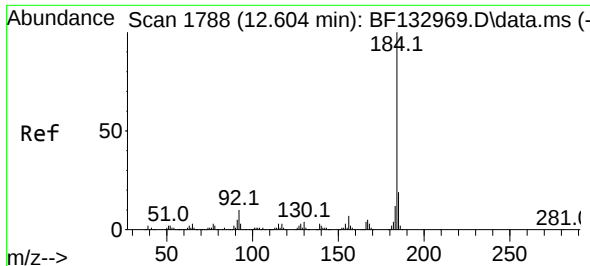
Tgt Ion:248 Resp: 19987
Ion Ratio Lower Upper
248 100
250 215.3 78.7 118.1#
141 444.4 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF133063.D
Acq: 26 Apr 2023 13:40

Tgt Ion:240 Resp: 342381
Ion Ratio Lower Upper
240 100
120 14.6 10.5 15.7
236 26.0 21.5 32.3

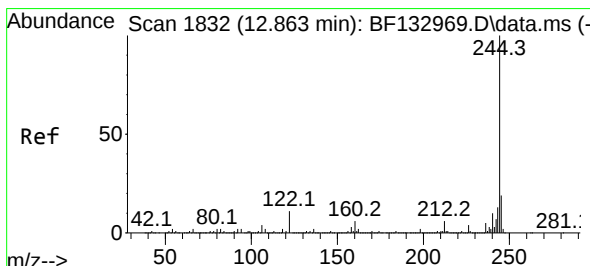
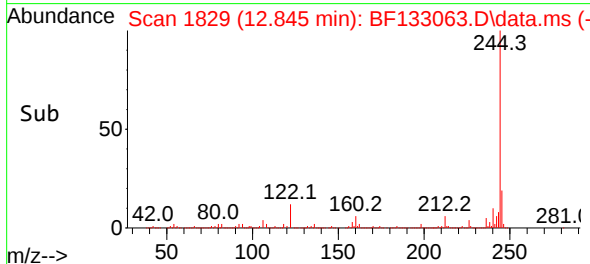
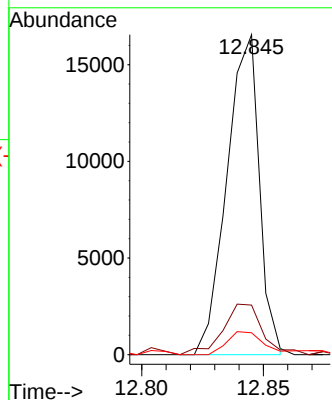
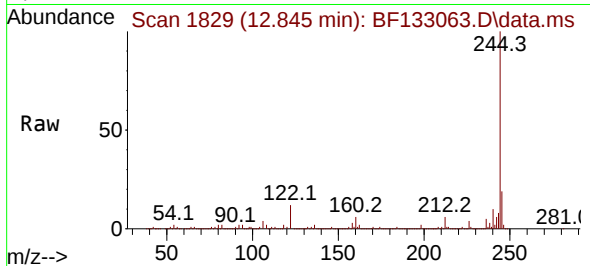




#77
Benzidine
Concen: 2.645 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.253 min
Lab File: BF133063.D
Acq: 26 Apr 2023 13:40

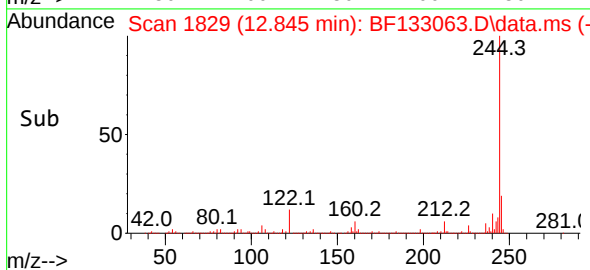
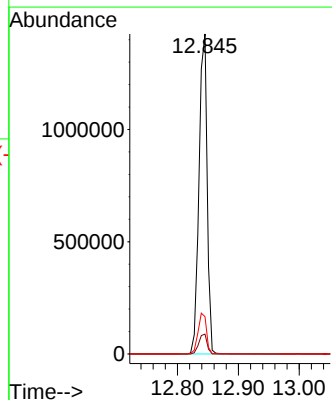
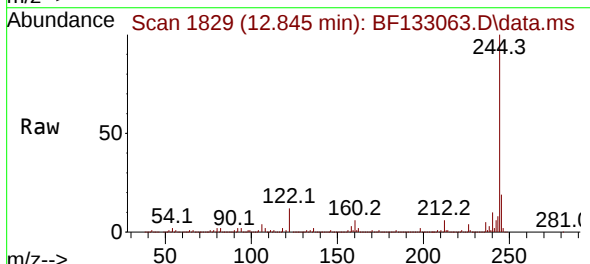
Instrument :
BNA_F
ClientSampleId :
20230343-COMP-21

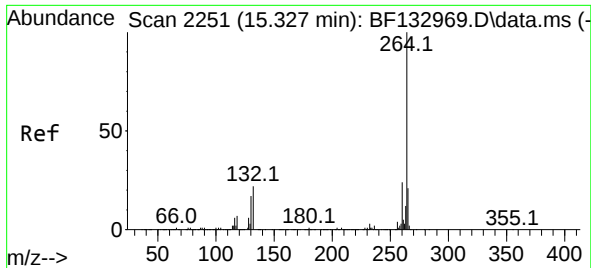
Tgt Ion:184 Resp: 15313
Ion Ratio Lower Upper
184 100
185 15.5 15.4 23.2
183 6.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 66.504 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF133063.D
Acq: 26 Apr 2023 13:40

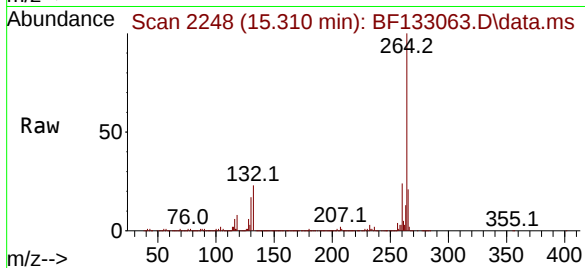
Tgt Ion:244 Resp: 1320244
Ion Ratio Lower Upper
244 100
212 6.2 5.1 7.7
122 11.7 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.310 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133063.D
Acq: 26 Apr 2023 13:40

Instrument :
BNA_F
ClientSampleId :
20230343-COMP-21



Tgt Ion:264 Resp: 373102
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.2 17.0 25.4

