

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133126.D
 Acq On : 28 Apr 2023 17:50
 Operator : CG\JU
 Sample : 02502-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-511-COMP-01

Quant Time: May 01 03:37:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 03:03:04 2023
 Response via : Initial Calibration

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

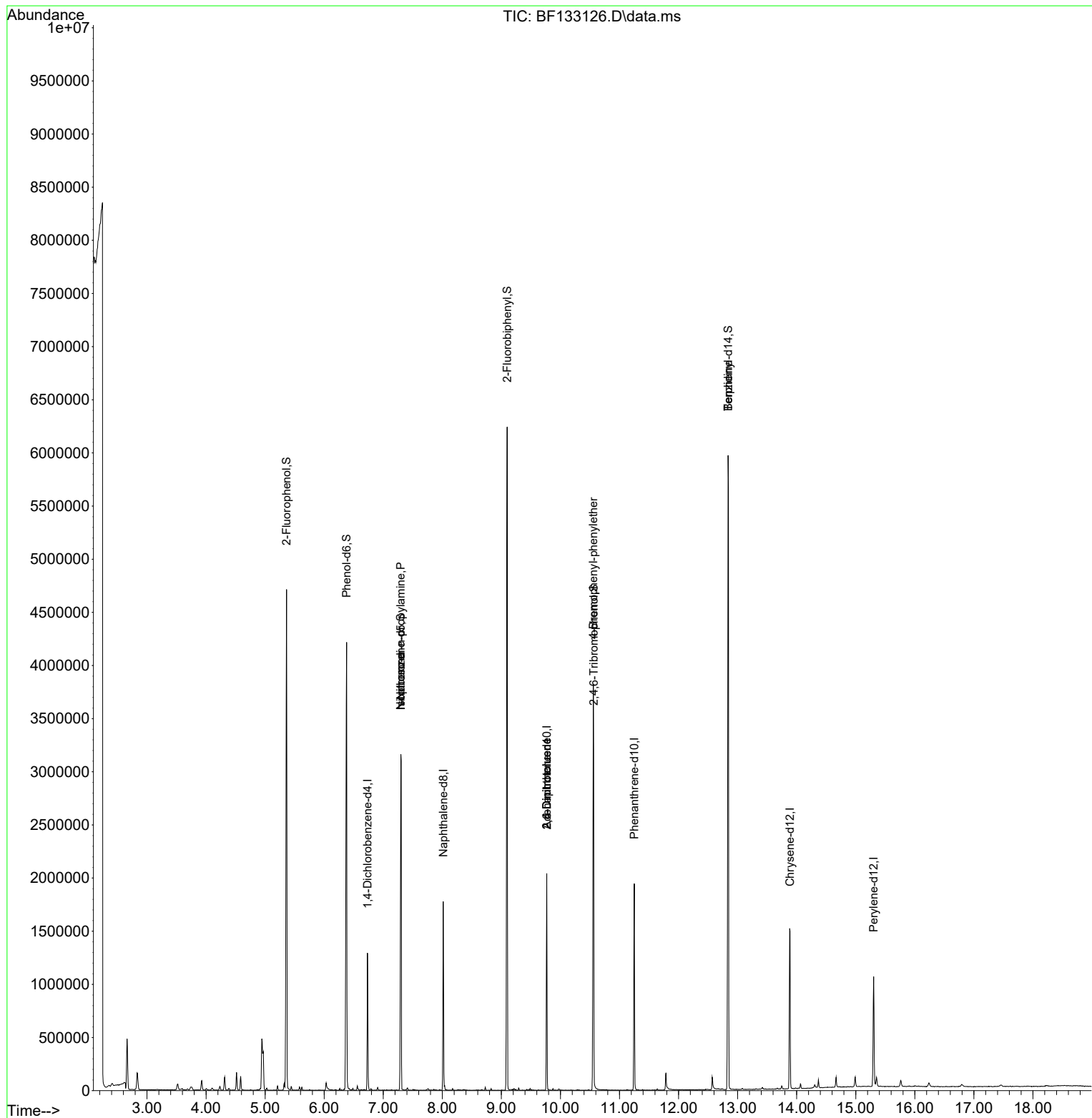
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	172281	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	695421	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	355411	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	655832	20.000	ng	0.00
76) Chrysene-d12	13.886	240	507954	20.000	ng	0.00
86) Perylene-d12	15.304	264	438737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1500607	131.578	ng	0.02
7) Phenol-d6	6.381	99	1667608	117.805	ng	0.00
23) Nitrobenzene-d5	7.298	82	1144948	88.868	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	548108	153.345	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1992032	93.769	ng	0.00
79) Terphenyl-d14	12.839	244	2431899	82.571	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.287	77	385	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.298	70	152743	17.332	ng	# 76
25) Isophorone	7.298	82	1144929	46.805	ng	# 63
51) 2,6-Dinitrotoluene	9.769	165	46317	8.304	ng	# 24
57) 2,4-Dinitrotoluene	9.769	165	46317	6.511	ng	# 23
67) 4-Bromophenyl-phenylether	10.557	248	32614	4.585	ng	# 1
77) Benzydine	12.839	184	29104	3.388	ng	# 86

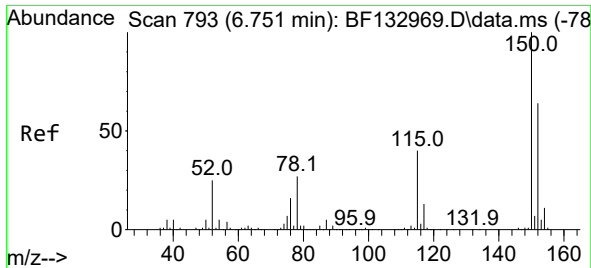
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
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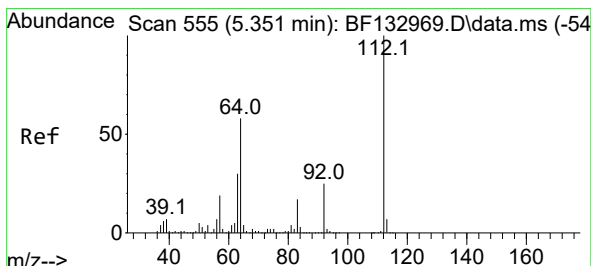
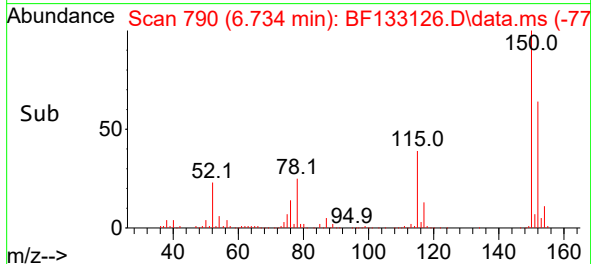
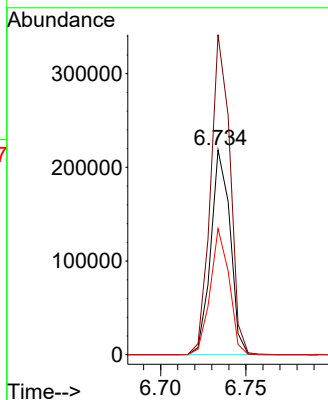
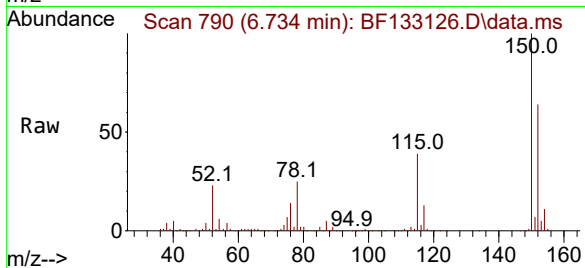




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133126.D
Acq: 28 Apr 2023 17:50

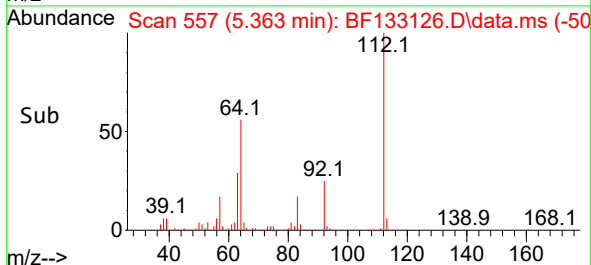
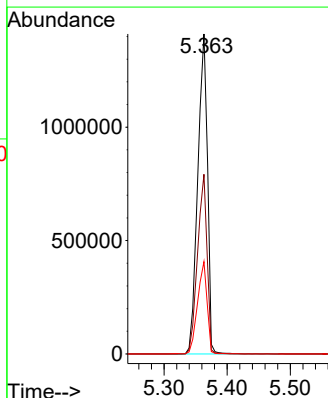
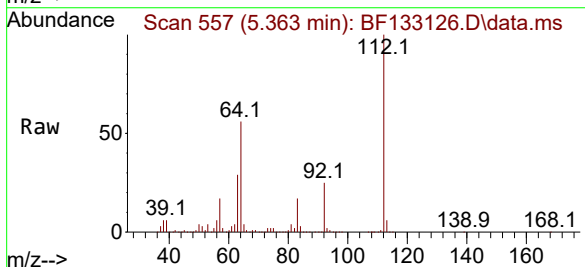
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01

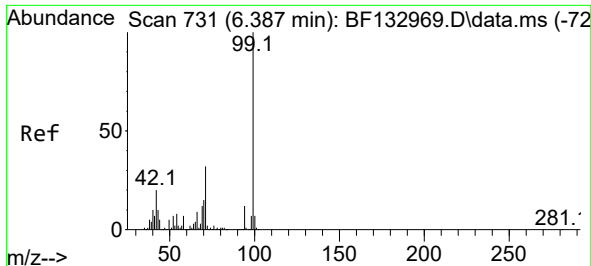
Tgt Ion:152 Resp: 172281
Ion Ratio Lower Upper
152 100
150 156.2 124.8 187.2
115 61.6 49.9 74.9



#5
2-Fluorophenol
Concen: 131.578 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.024 min
Lab File: BF133126.D
Acq: 28 Apr 2023 17:50

Tgt Ion:112 Resp: 1500607
Ion Ratio Lower Upper
112 100
64 56.2 46.8 70.2
63 28.9 23.8 35.8

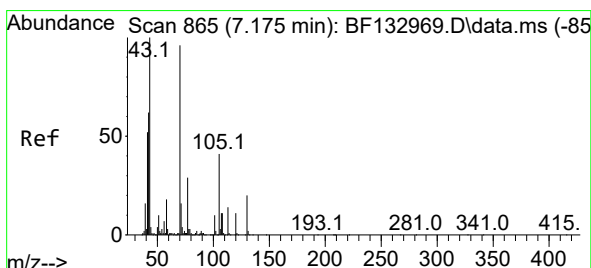
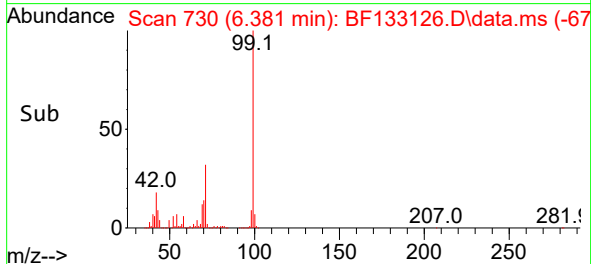
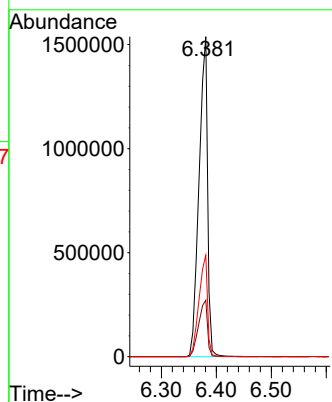
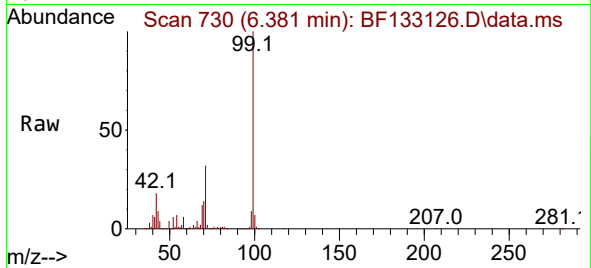




#7
Phenol-d6
Concen: 117.805 ng
RT: 6.381 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133126.D
Acq: 28 Apr 2023 17:50

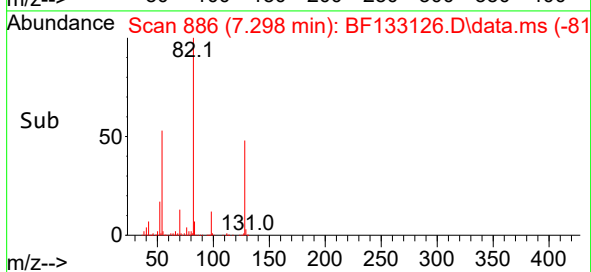
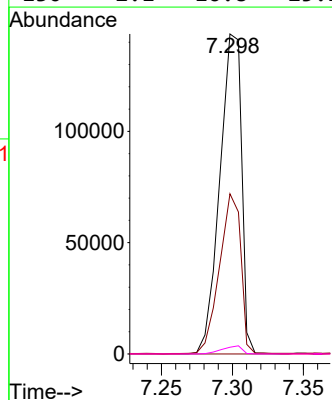
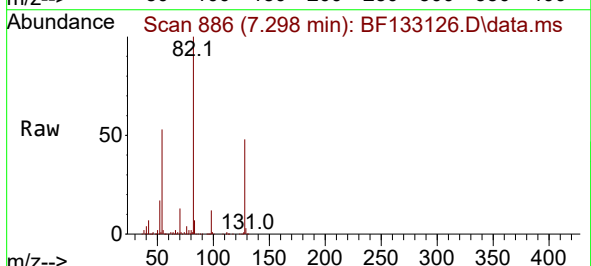
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01

Tgt Ion: 99 Resp: 1667608
Ion Ratio Lower Upper
99 100
42 17.7 16.3 24.5
71 31.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.332 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133126.D
Acq: 28 Apr 2023 17:50

Tgt Ion: 70 Resp: 152743
Ion Ratio Lower Upper
70 100
42 50.0 51.8 77.6#
101 0.0 8.0 12.0#
130 2.1 16.8 25.2#

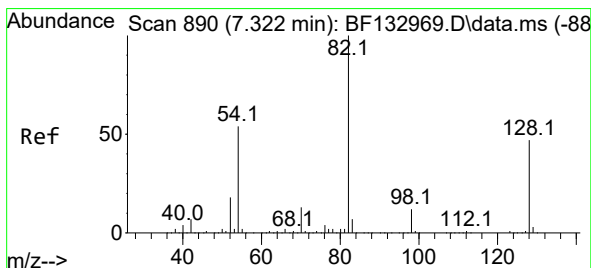
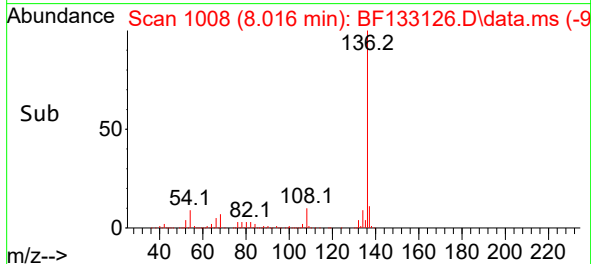
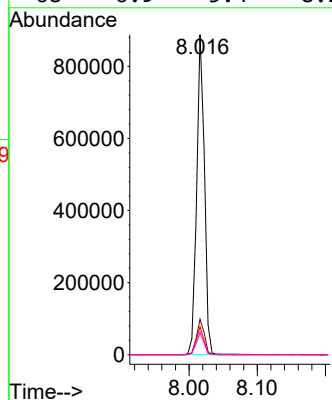
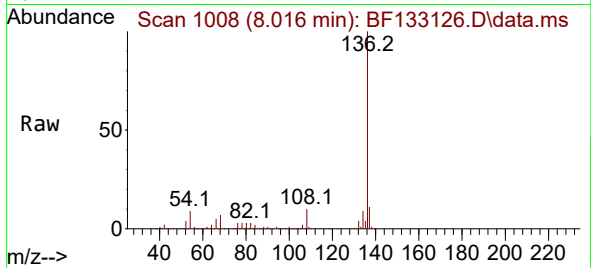




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133126.D
Acq: 28 Apr 2023 17:50

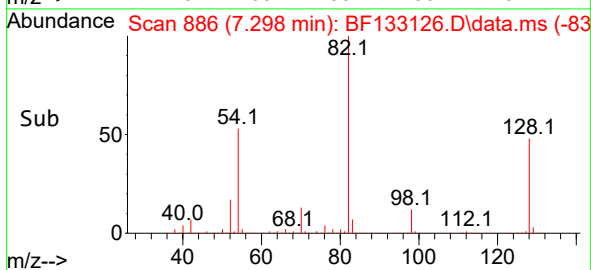
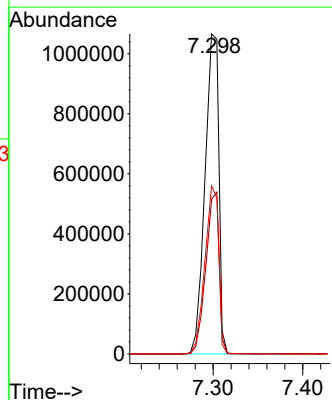
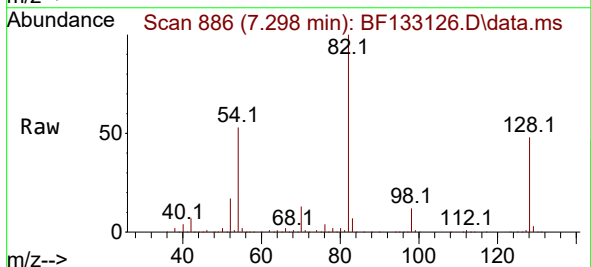
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01

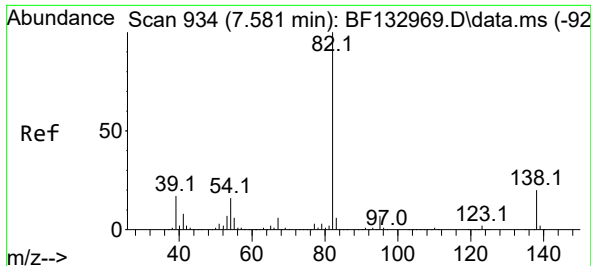
Tgt Ion:136 Resp: 695421
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 7.0 10.4
68 6.9 5.4 8.2



#23
Nitrobenzene-d5
Concen: 88.868 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133126.D
Acq: 28 Apr 2023 17:50

Tgt Ion: 82 Resp: 1144948
Ion Ratio Lower Upper
82 100
128 48.3 37.7 56.5
54 52.5 43.0 64.4

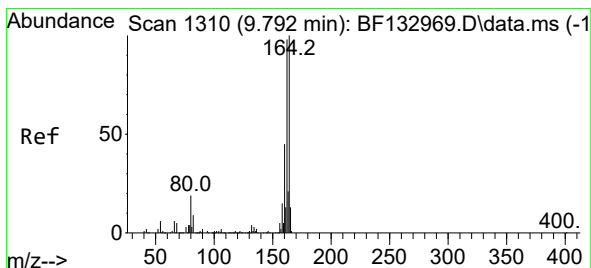
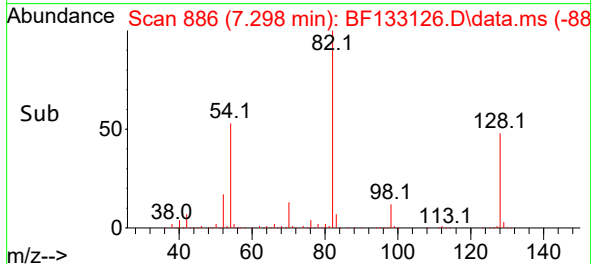
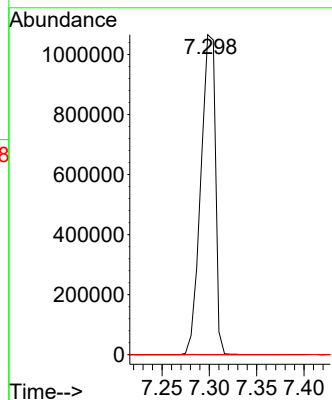
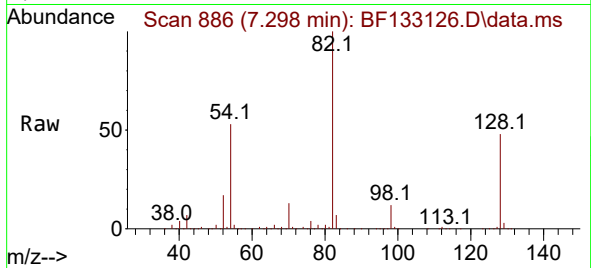




#25
Isophorone
Concen: 46.805 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133126.D
Acq: 28 Apr 2023 17:50

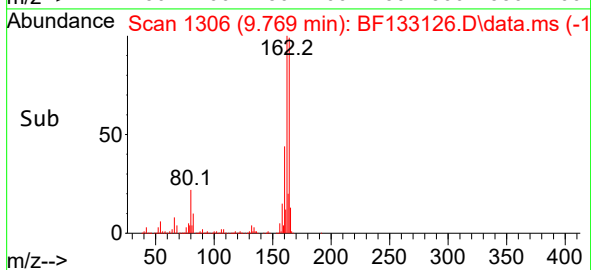
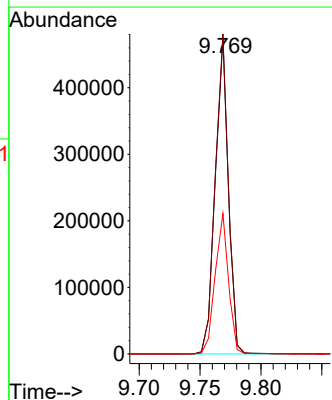
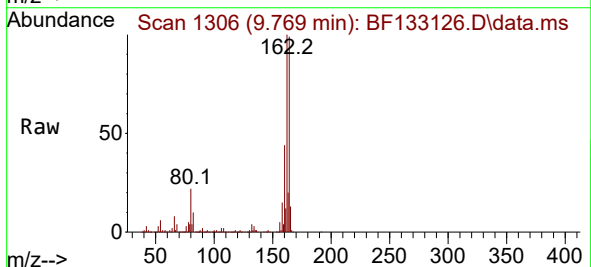
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01

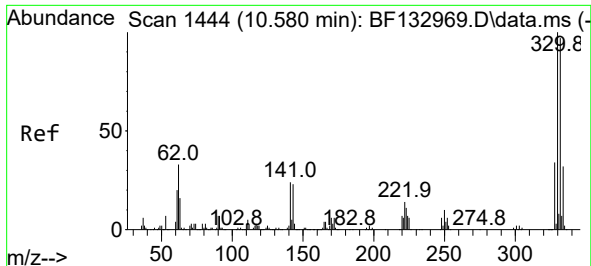
Tgt Ion: 82 Resp: 1144929
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133126.D
Acq: 28 Apr 2023 17:50

Tgt Ion:164 Resp: 355411
Ion Ratio Lower Upper
164 100
162 101.3 78.7 118.1
160 44.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 153.345 ng

RT: 10.563 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF133126.D

Acq: 28 Apr 2023 17:50

Instrument :

BNA_F

ClientSampleId :

BU-511-COMP-01

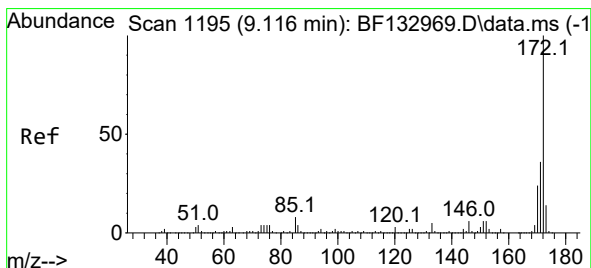
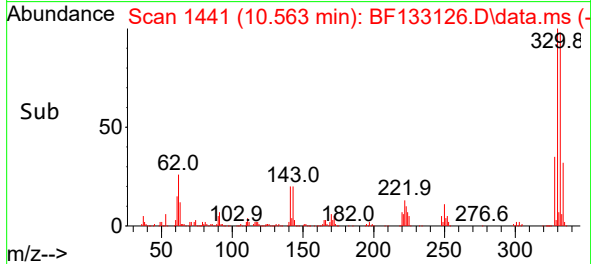
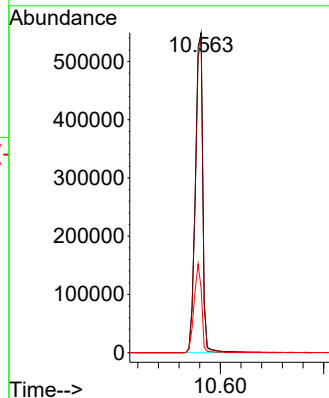
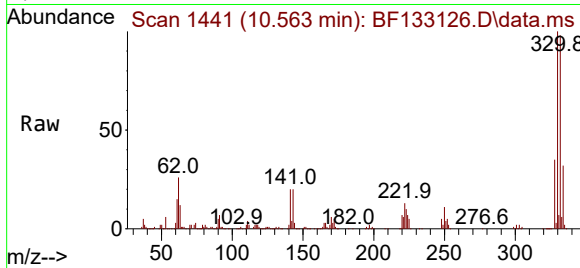
Tgt Ion:330 Resp: 548108

Ion Ratio Lower Upper

330 100

332 97.6 77.1 115.7

141 28.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 93.769 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF133126.D

Acq: 28 Apr 2023 17:50

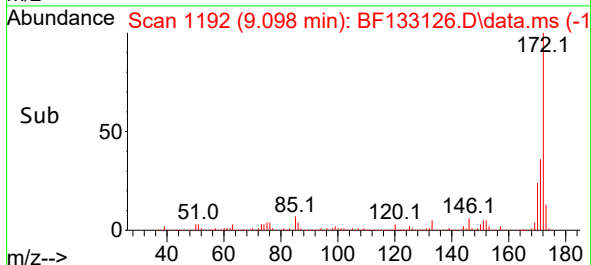
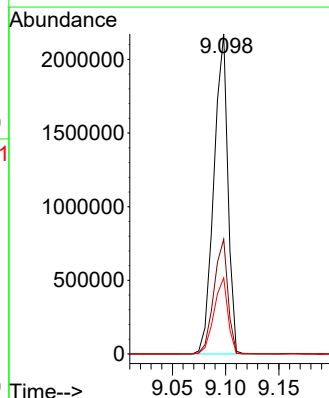
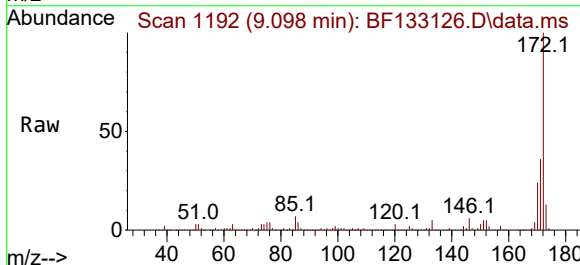
Tgt Ion:172 Resp: 1992032

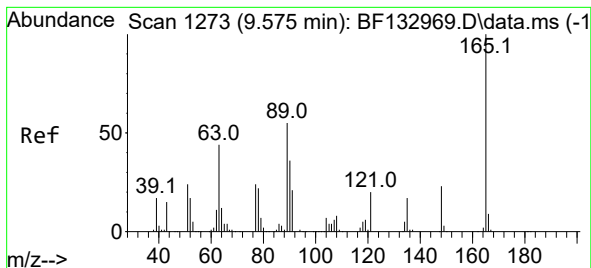
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.8 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.304 ng

RT: 9.769 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF133126.D

Acq: 28 Apr 2023 17:50

Instrument :

BNA_F

ClientSampleId :

BU-511-COMP-01

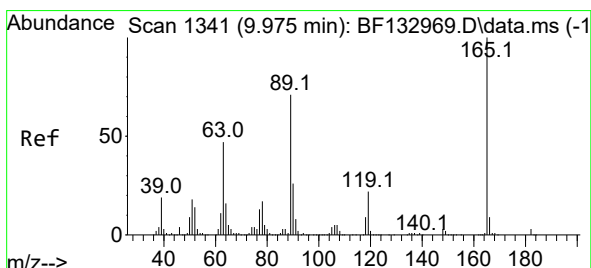
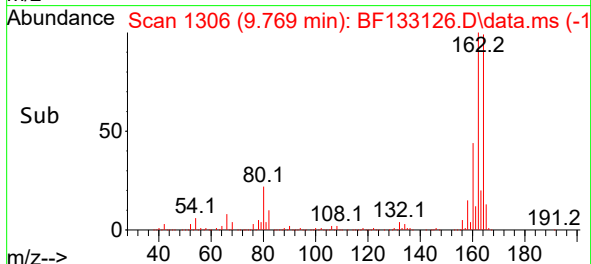
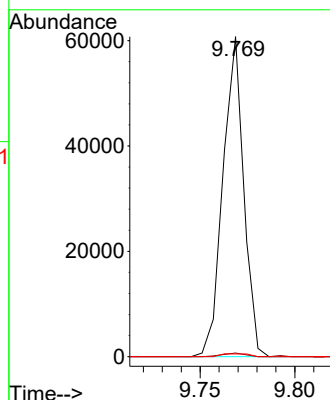
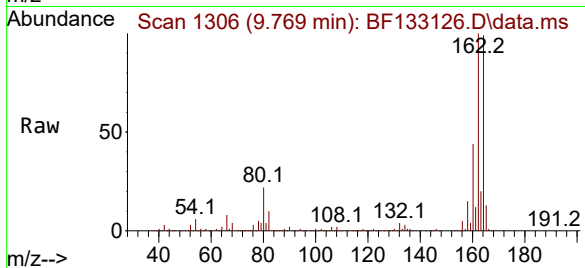
Tgt Ion:165 Resp: 46317

Ion Ratio Lower Upper

165 100

63 1.2 45.9 68.9#

89 0.9 44.0 66.0#



#57

2,4-Dinitrotoluene

Concen: 6.511 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.194 min

Lab File: BF133126.D

Acq: 28 Apr 2023 17:50

Tgt Ion:165 Resp: 46317

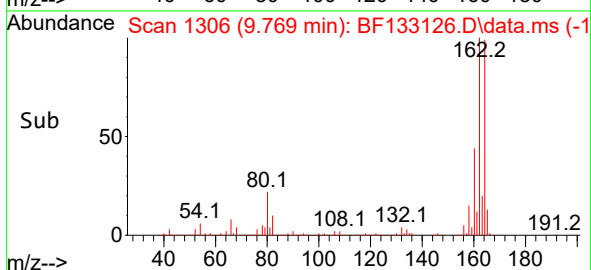
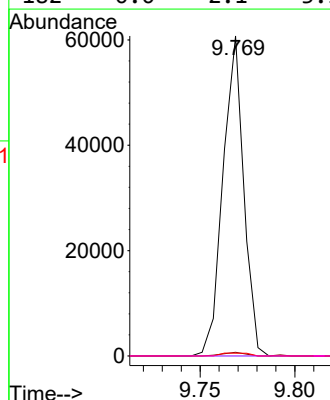
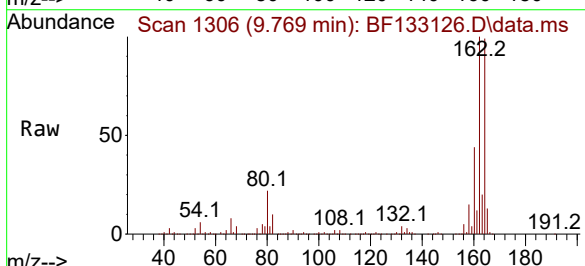
Ion Ratio Lower Upper

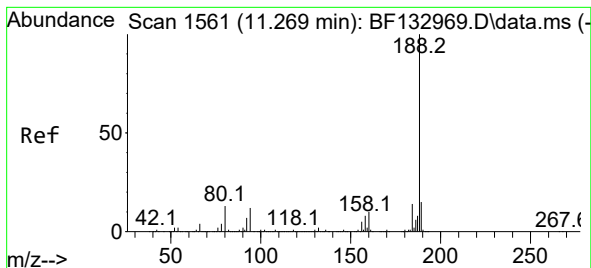
165 100

63 1.2 37.7 56.5#

89 0.9 57.0 85.4#

182 0.0 2.1 3.1#

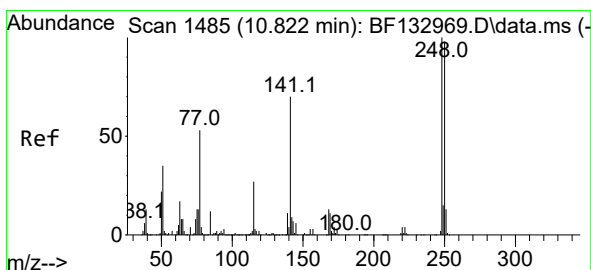
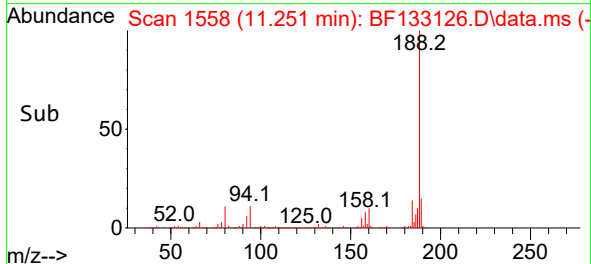
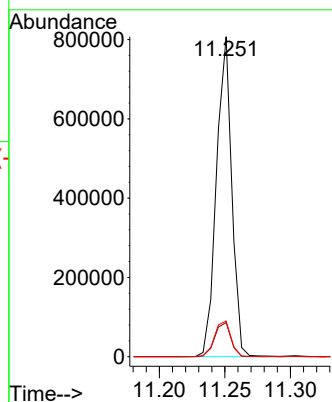
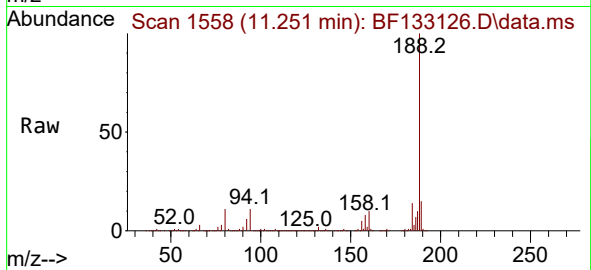




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133126.D
Acq: 28 Apr 2023 17:50

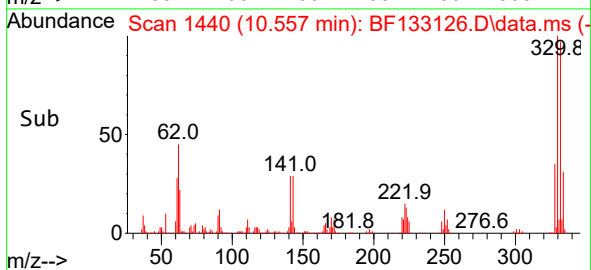
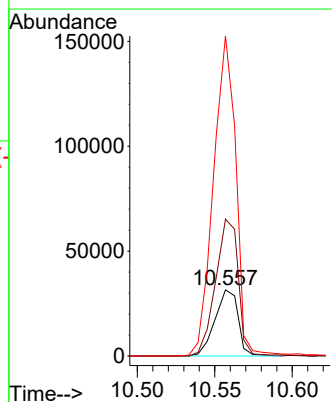
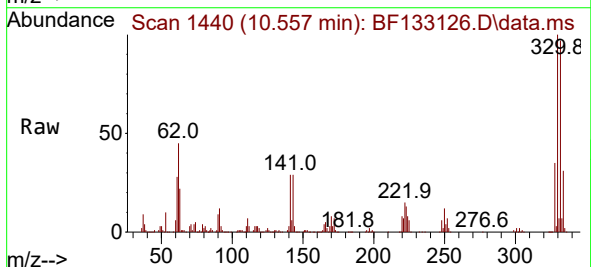
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01

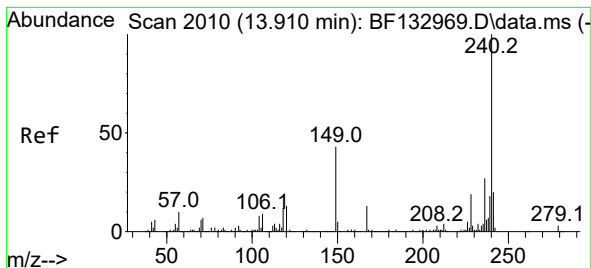
Tgt Ion:188 Resp: 655832
Ion Ratio Lower Upper
188 100
94 10.6 9.7 14.5
80 11.1 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 4.585 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.247 min
Lab File: BF133126.D
Acq: 28 Apr 2023 17:50

Tgt Ion:248 Resp: 32614
Ion Ratio Lower Upper
248 100
250 207.1 78.7 118.1#
141 484.6 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.886 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF133126.D

Acq: 28 Apr 2023 17:50

Instrument :

BNA_F

ClientSampleId :

BU-511-COMP-01

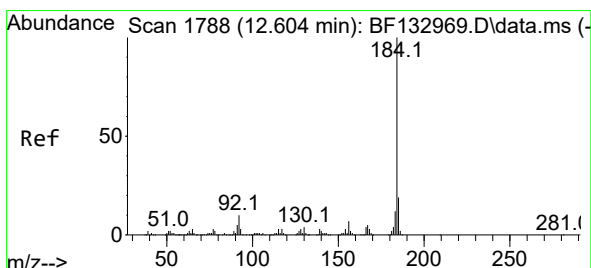
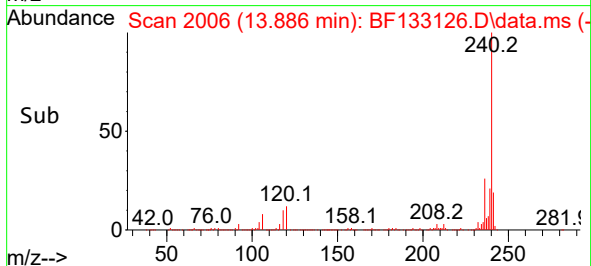
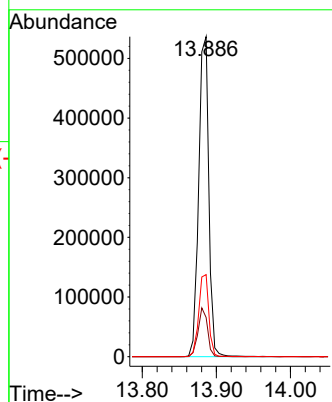
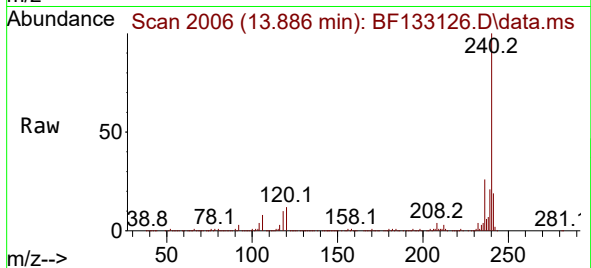
Tgt Ion:240 Resp: 507954

Ion Ratio Lower Upper

240 100

120 12.3 10.5 15.7

236 25.7 21.5 32.3



#77

Benzidine

Concen: 3.388 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.253 min

Lab File: BF133126.D

Acq: 28 Apr 2023 17:50

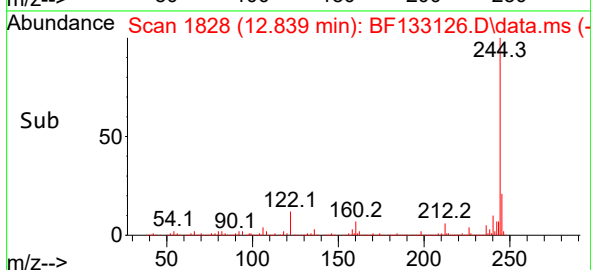
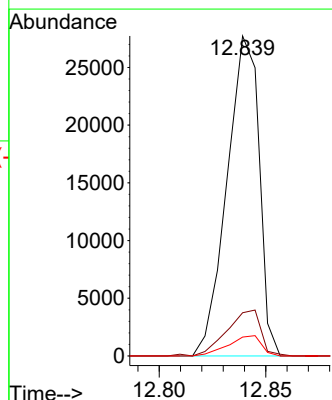
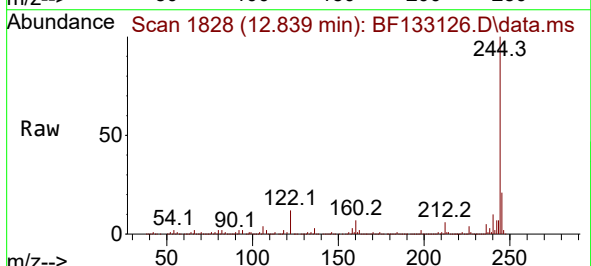
Tgt Ion:184 Resp: 29104

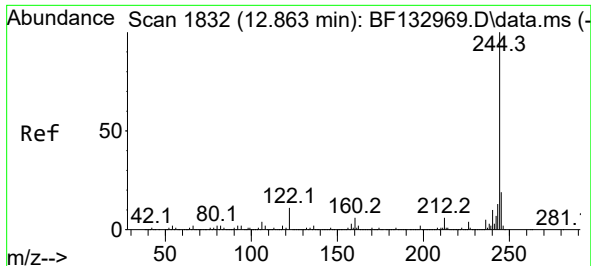
Ion Ratio Lower Upper

184 100

185 13.5 15.4 23.2#

183 5.9 9.4 14.0#

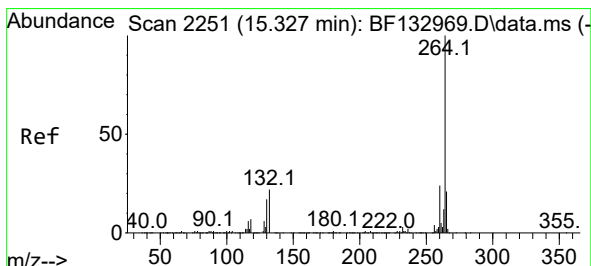
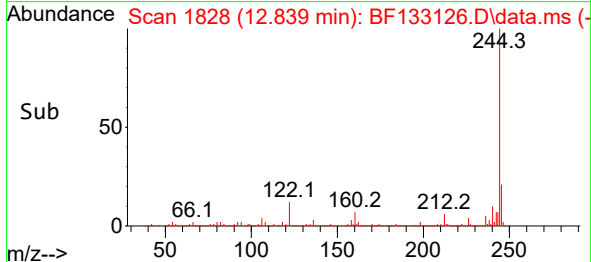
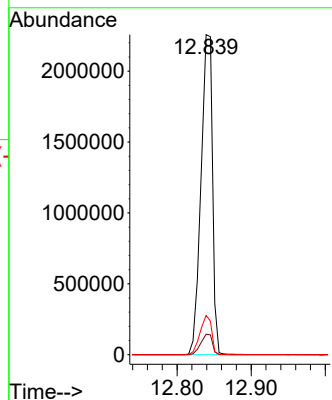
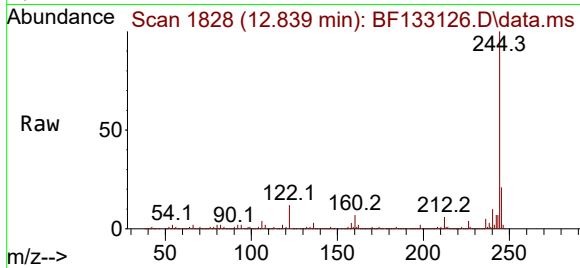




#79
 Terphenyl-d14
 Concen: 82.571 ng
 RT: 12.839 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133126.D
 Acq: 28 Apr 2023 17:50

Instrument :
 BNA_F
 ClientSampleId :
 BU-511-COMP-01

Tgt Ion:244 Resp: 2431899
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 12.3 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. -0.006 min
 Lab File: BF133126.D
 Acq: 28 Apr 2023 17:50

Tgt Ion:264 Resp: 438737
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 20.8 17.0 25.4

