

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133106.D
 Acq On : 27 Apr 2023 18:25
 Operator : CG\JU
 Sample : 02502-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-511-COMP-02

Quant Time: Apr 28 02:11:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:00:53 2023
 Response via : Initial Calibration

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

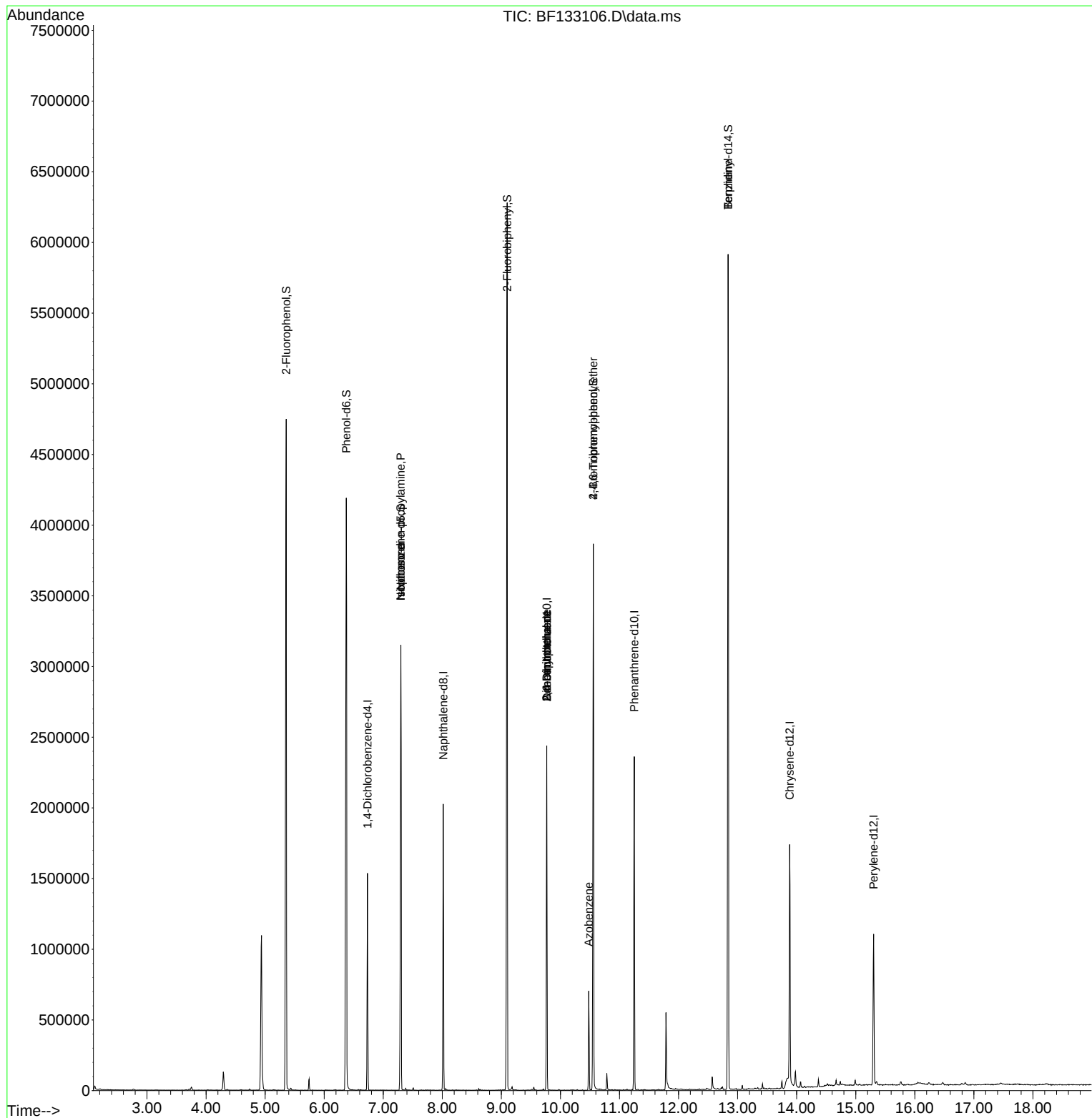
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	197417	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	805464	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	433852	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	802199	20.000	ng	0.00
76) Chrysene-d12	13.880	240	545595	20.000	ng	-0.02
86) Perylene-d12	15.304	264	439827	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1454261	111.278	ng	0.01
7) Phenol-d6	6.375	99	1850083	114.055	ng	0.00
23) Nitrobenzene-d5	7.298	82	1096190	73.459	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	534271	122.449	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1988286	76.671	ng	0.00
79) Terphenyl-d14	12.839	244	2313394	73.128	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.281	77	194	Below Cal	#	36
19) n-Nitroso-di-n-propyla...	7.298	70	144181	14.278	ng	# 75
25) Isophorone	7.298	82	1094401	38.627	ng	# 63
50) Dimethylphthalate	9.769	163	89303	2.952	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	57677	8.471	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	57677	6.642	ng	# 23
63) Azobenzene	10.480	77	108047	3.569	ng	# 1
67) 4-Bromophenyl-phenylether	10.557	248	33050	3.799	ng	# 1
77) Benzidine	12.839	184	25831	2.800	ng	# 90

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

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QLast Update : Fri Apr 28 02:00:53 2023
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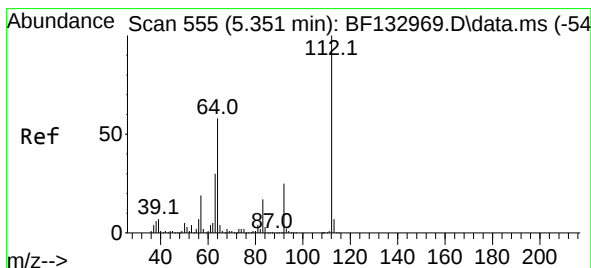
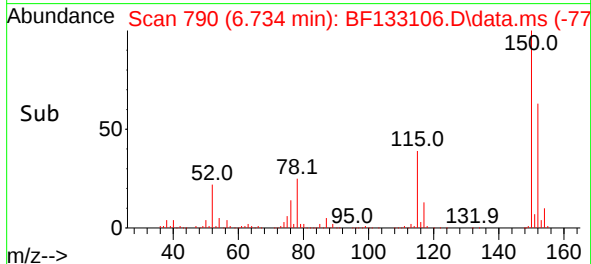
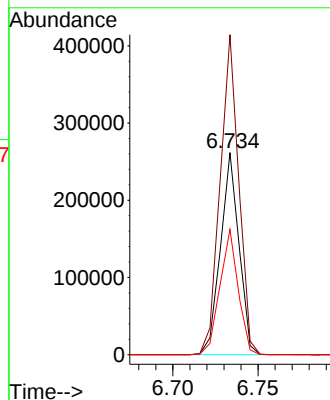
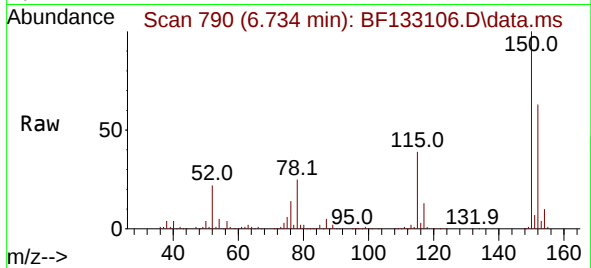




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF133106.D
 Acq: 27 Apr 2023 18:25

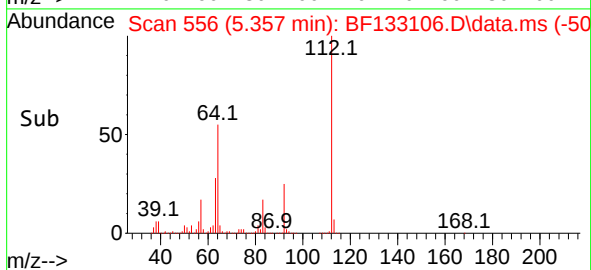
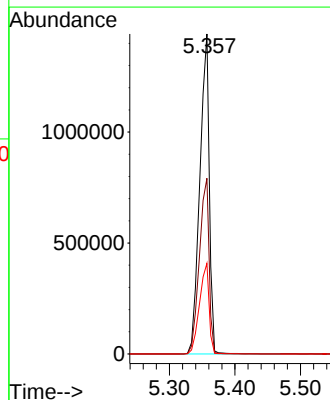
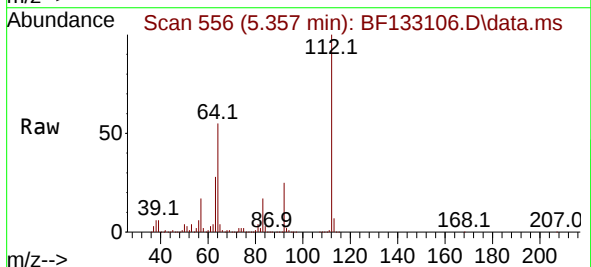
Instrument :
 BNA_F
 ClientSampleId :
 BU-511-COMP-02

Tgt Ion:152 Resp: 197417
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.8 187.2
 115 62.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 111.278 ng
 RT: 5.357 min Scan# 556
 Delta R.T. 0.012 min
 Lab File: BF133106.D
 Acq: 27 Apr 2023 18:25

Tgt Ion:112 Resp: 1454261
 Ion Ratio Lower Upper
 112 100
 64 54.9 46.8 70.2
 63 28.3 23.8 35.8

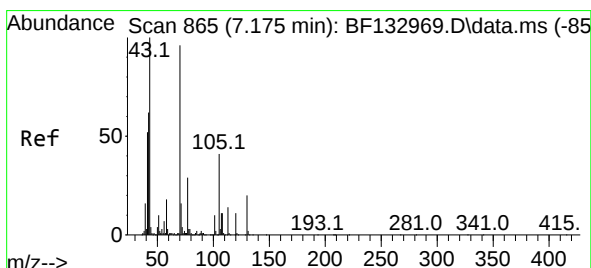
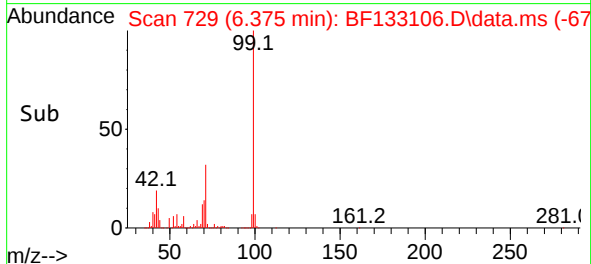
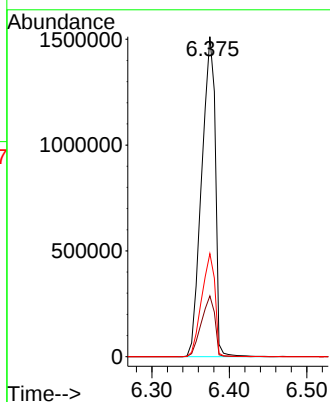
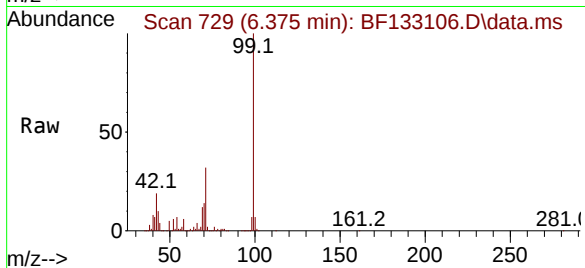




#7
Phenol-d6
Concen: 114.055 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133106.D
Acq: 27 Apr 2023 18:25

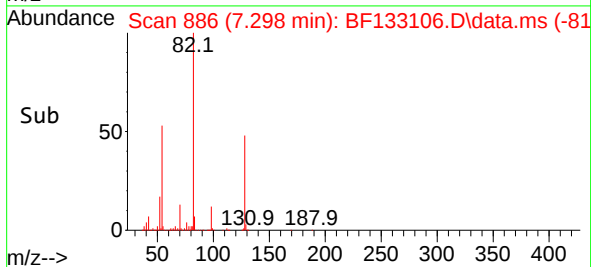
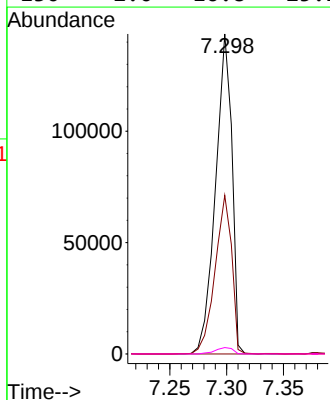
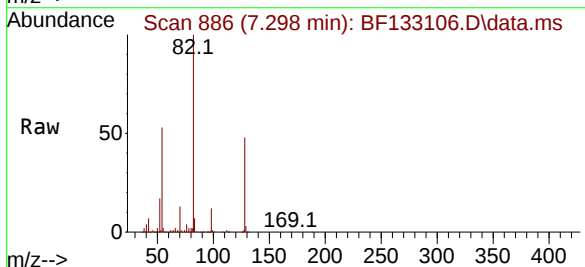
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-02

Tgt Ion: 99 Resp: 1850083
Ion Ratio Lower Upper
99 100
42 19.0 16.3 24.5
71 32.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.278 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133106.D
Acq: 27 Apr 2023 18:25

Tgt Ion: 70 Resp: 144181
Ion Ratio Lower Upper
70 100
42 49.5 51.8 77.6#
101 0.0 8.0 12.0#
130 2.0 16.8 25.2#



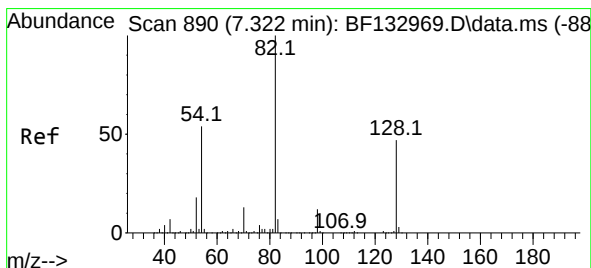
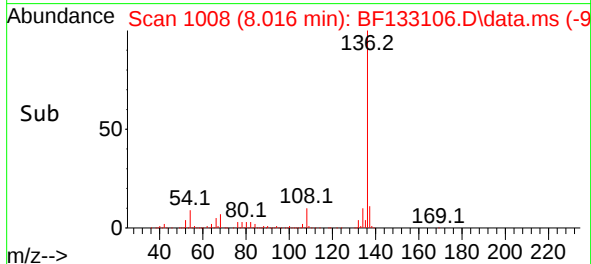
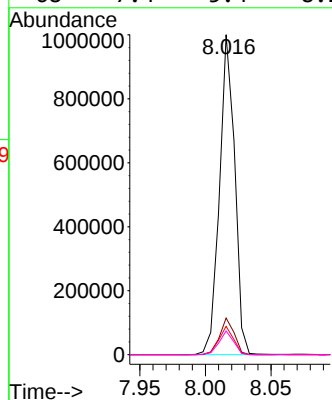
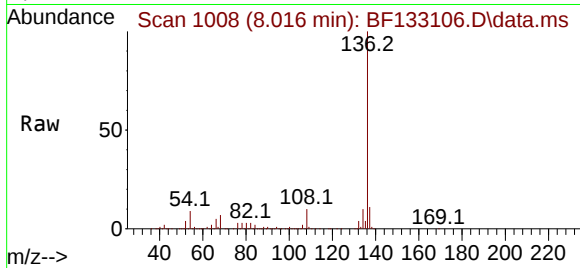


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133106.D
Acq: 27 Apr 2023 18:25

Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-02

Tgt Ion:136 Resp: 805464

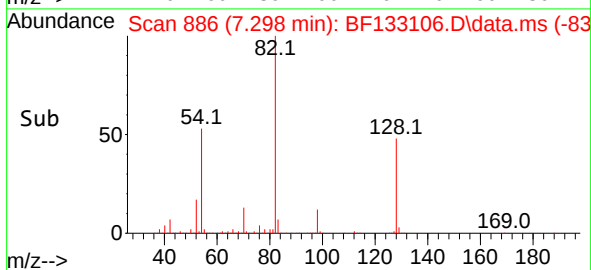
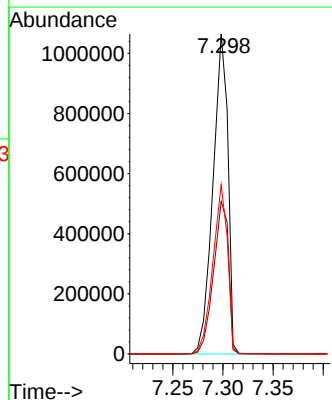
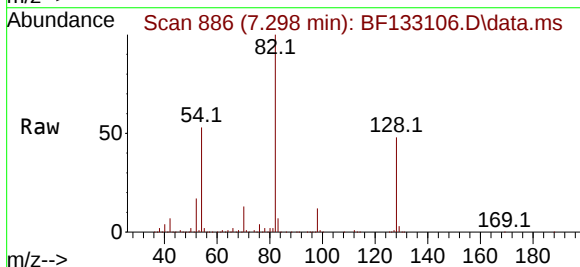
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	8.8	7.0	10.4
68	7.4	5.4	8.2

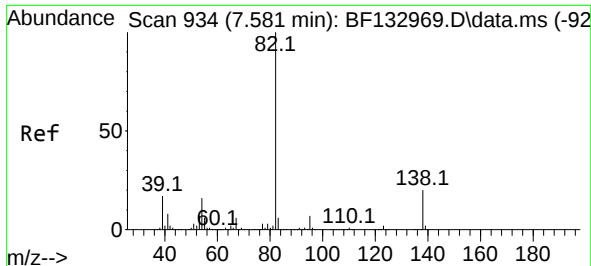


#23
Nitrobenzene-d5
Concen: 73.459 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133106.D
Acq: 27 Apr 2023 18:25

Tgt Ion: 82 Resp: 1096190

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.7	56.5
54	52.9	43.0	64.4

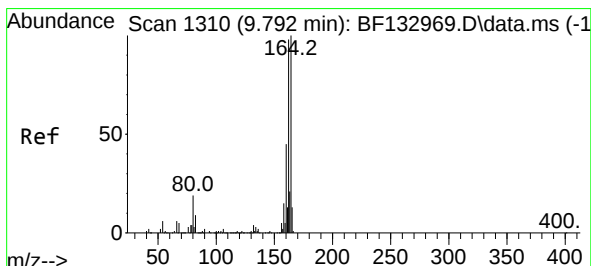
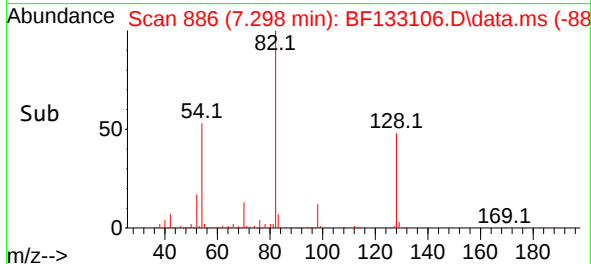
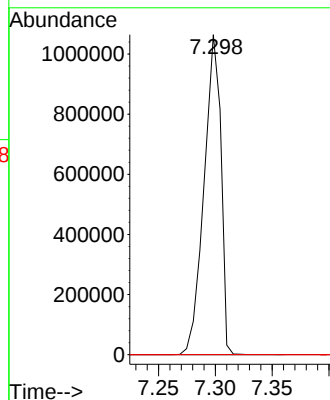
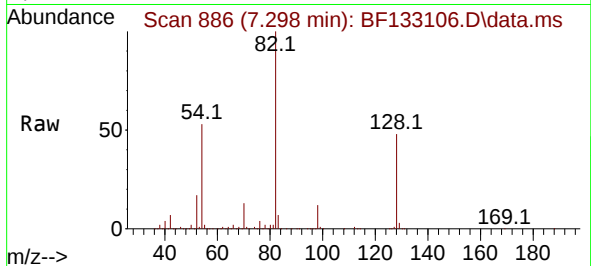




#25
Isophorone
Concen: 38.627 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133106.D
Acq: 27 Apr 2023 18:25

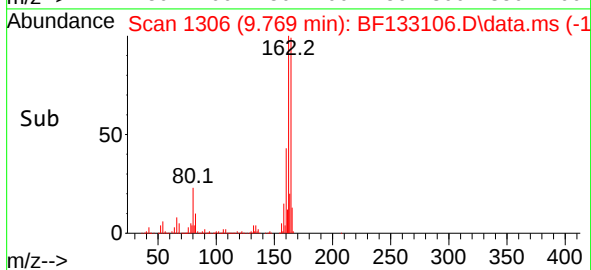
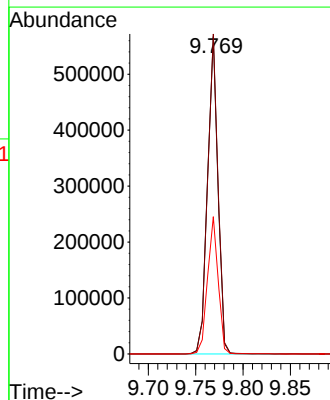
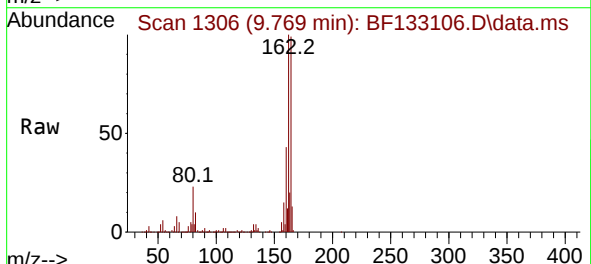
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-02

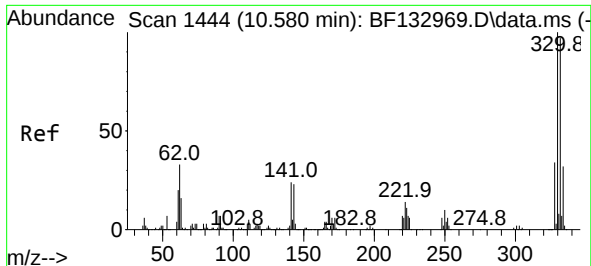
Tgt Ion: 82 Resp: 1094401
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133106.D
Acq: 27 Apr 2023 18:25

Tgt Ion:164 Resp: 433852
Ion Ratio Lower Upper
164 100
162 100.8 78.7 118.1
160 43.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 122.449 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF133106.D

Acq: 27 Apr 2023 18:25

Instrument :

BNA_F

ClientSampleId :

BU-511-COMP-02

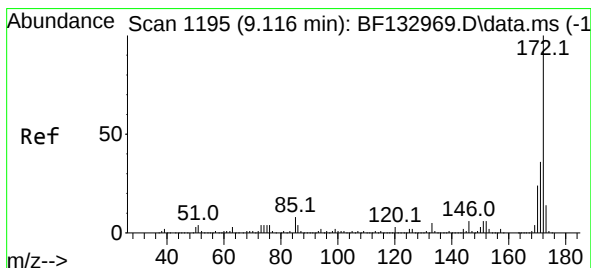
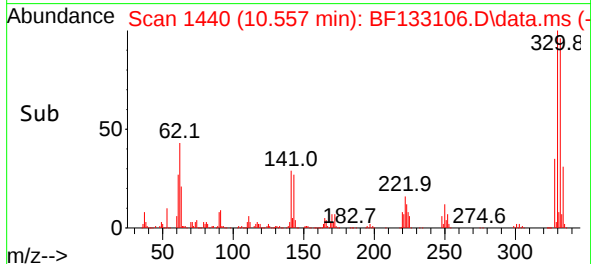
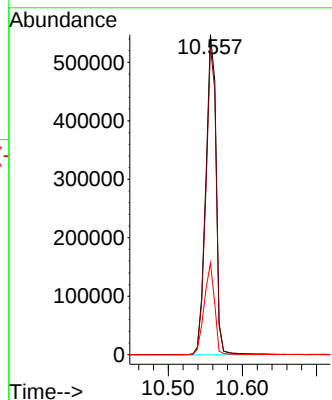
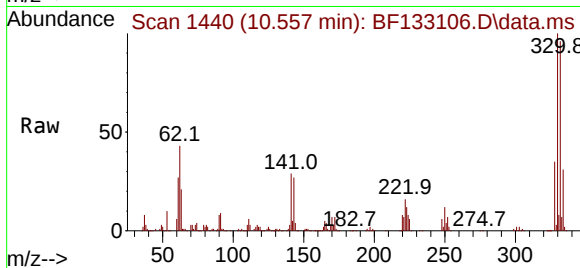
Tgt Ion:330 Resp: 534271

Ion Ratio Lower Upper

330 100

332 95.6 77.1 115.7

141 28.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 76.671 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133106.D

Acq: 27 Apr 2023 18:25

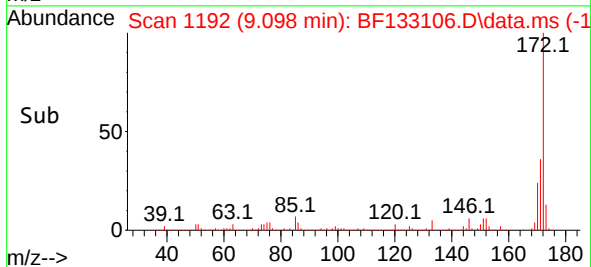
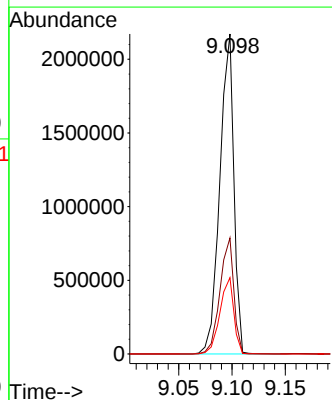
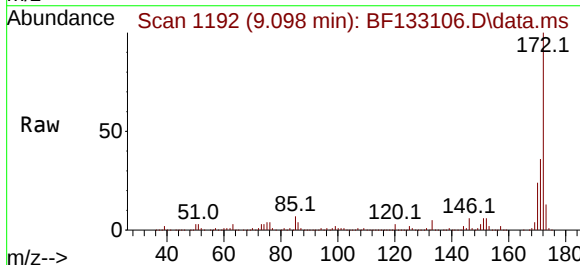
Tgt Ion:172 Resp: 1988286

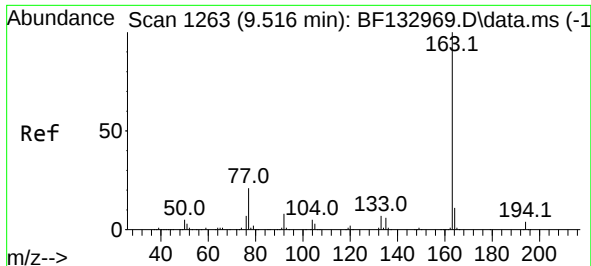
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 23.9 19.4 29.2

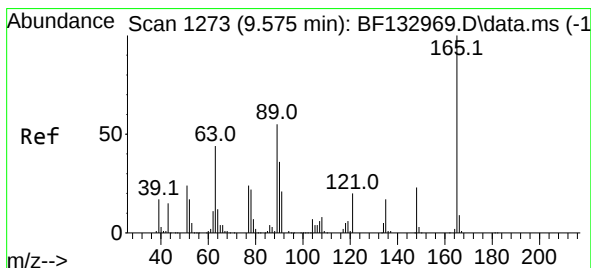
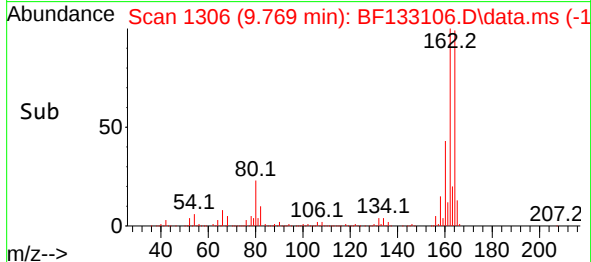
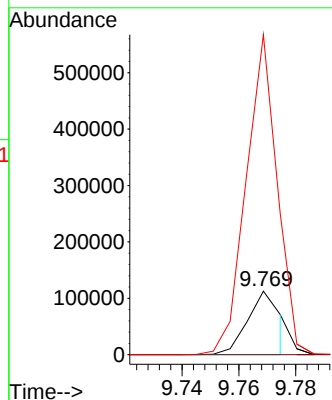
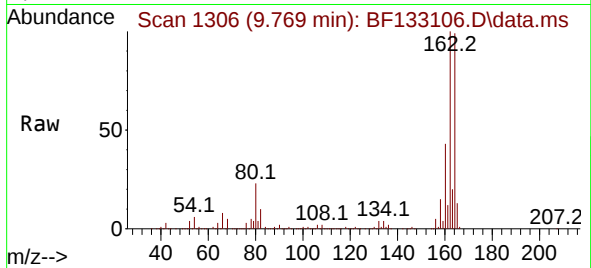




#50
Dimethylphthalate
Concen: 2.952 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.264 min
Lab File: BF133106.D
Acq: 27 Apr 2023 18:25

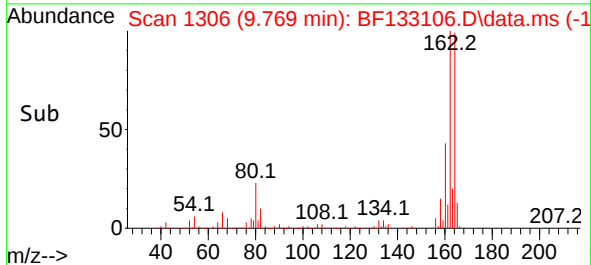
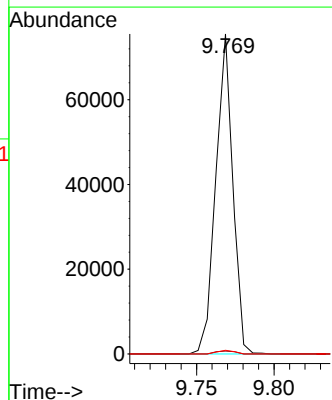
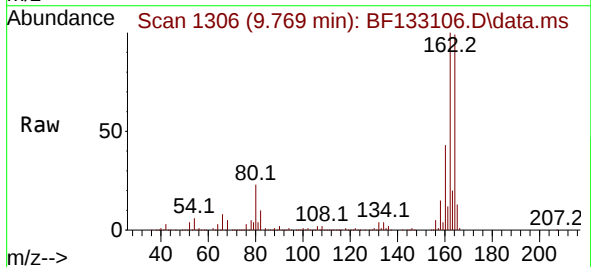
Instrument :
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BU-511-COMP-02

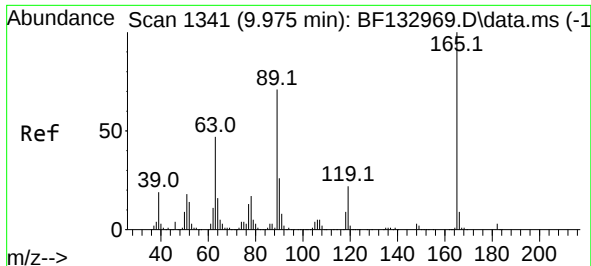
Tgt Ion:163 Resp: 89303
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 504.1 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.471 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.206 min
Lab File: BF133106.D
Acq: 27 Apr 2023 18:25

Tgt Ion:165 Resp: 57677
Ion Ratio Lower Upper
165 100
63 0.9 45.9 68.9#
89 1.1 44.0 66.0#

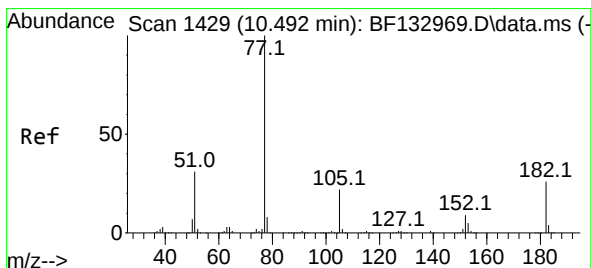
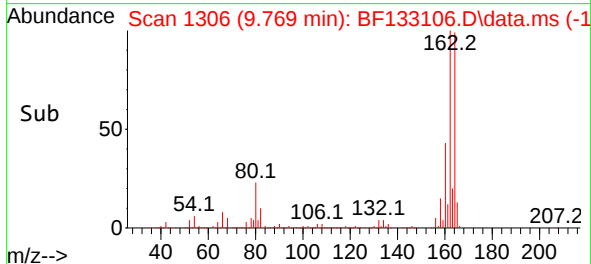
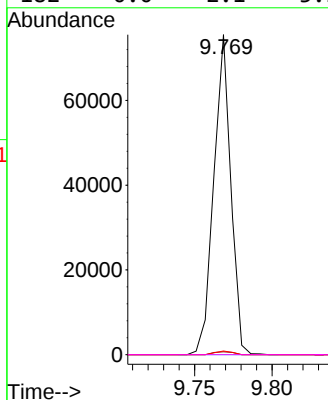
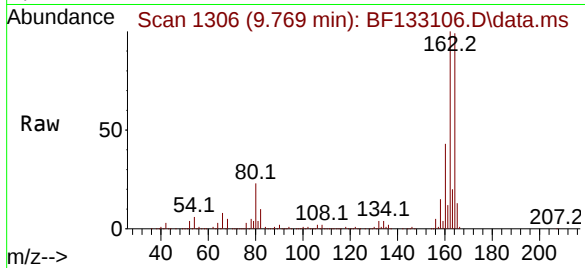




#57
2,4-Dinitrotoluene
Concen: 6.642 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133106.D
Acq: 27 Apr 2023 18:25

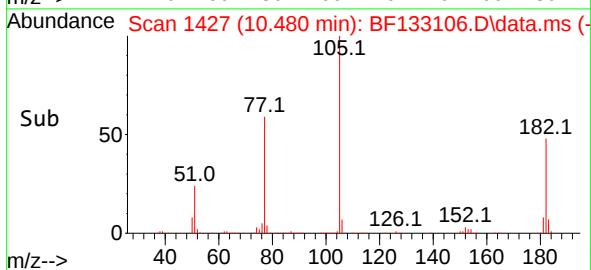
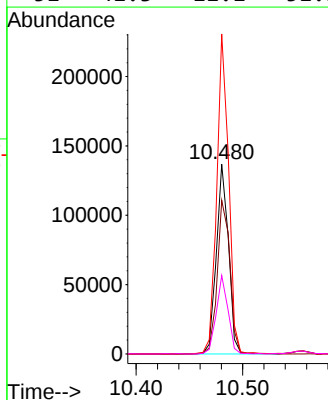
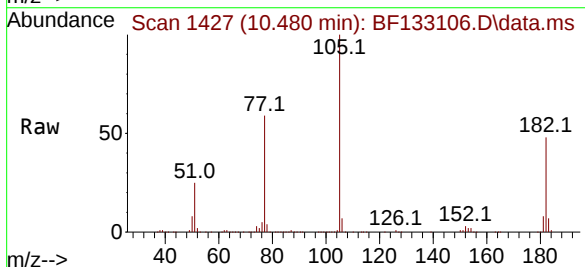
Instrument :
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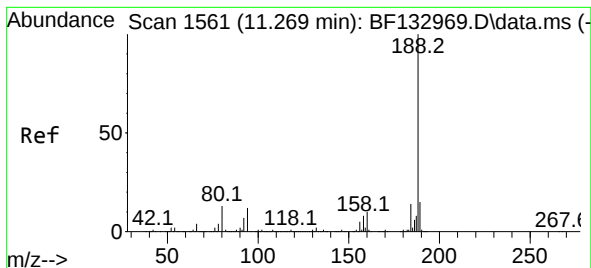
Tgt Ion:165 Resp: 57677
Ion Ratio Lower Upper
165 100
63 0.9 37.7 56.5#
89 1.1 57.0 85.4#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 3.569 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF133106.D
Acq: 27 Apr 2023 18:25

Tgt Ion: 77 Resp: 108047
Ion Ratio Lower Upper
77 100
182 80.9 5.9 45.9#
105 168.6 2.3 42.3#
51 41.3 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133106.D

Acq: 27 Apr 2023 18:25

Instrument :

BNA_F

ClientSampleId :

BU-511-COMP-02

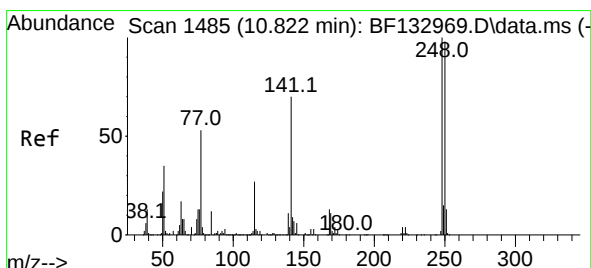
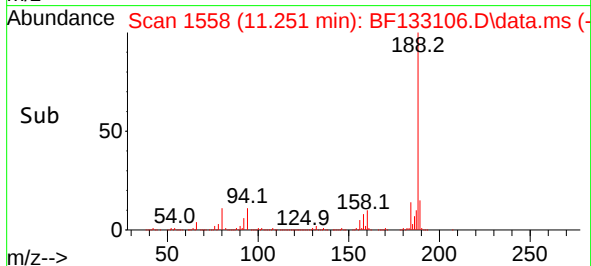
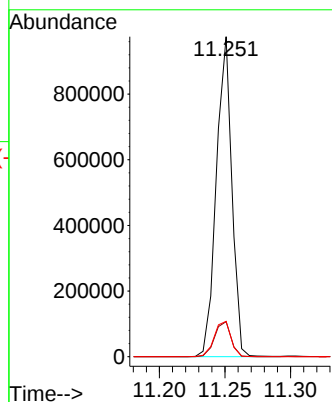
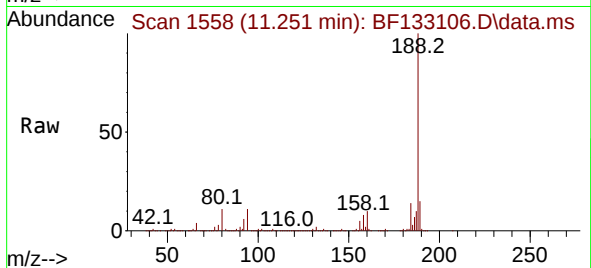
Tgt Ion:188 Resp: 802199

Ion Ratio Lower Upper

188 100

94 10.9 9.7 14.5

80 11.1 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 3.799 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.247 min

Lab File: BF133106.D

Acq: 27 Apr 2023 18:25

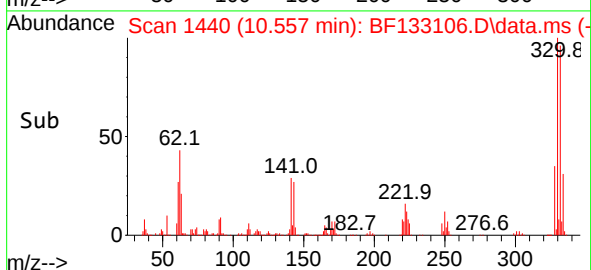
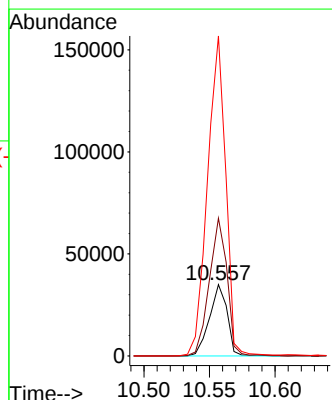
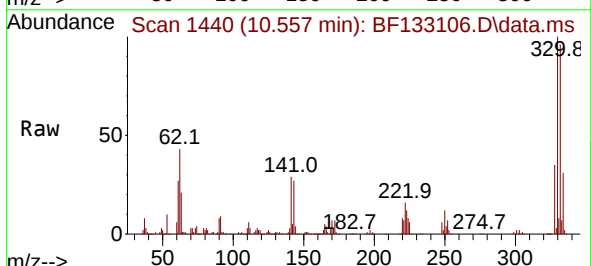
Tgt Ion:248 Resp: 33050

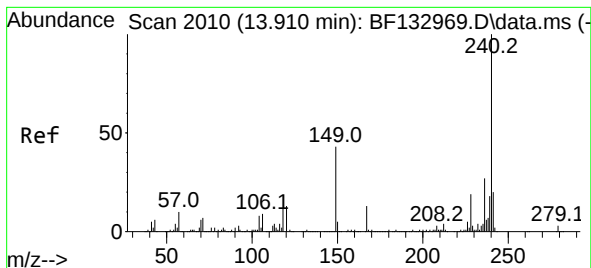
Ion Ratio Lower Upper

248 100

250 193.0 78.7 118.1#

141 448.2 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2010

Delta R.T. -0.018 min

Lab File: BF133106.D

Acq: 27 Apr 2023 18:25

Instrument :

BNA_F

ClientSampleId :

BU-511-COMP-02

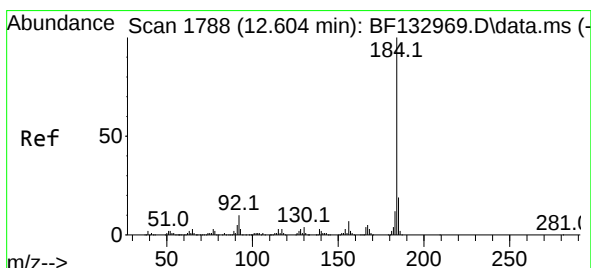
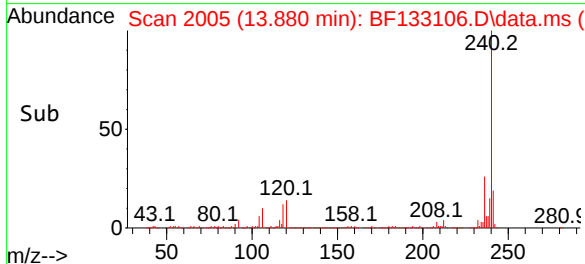
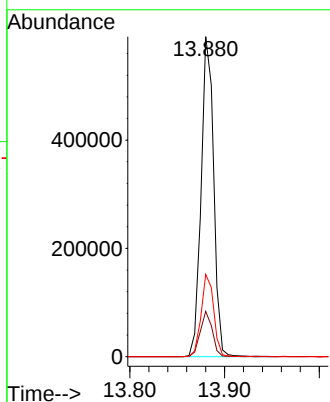
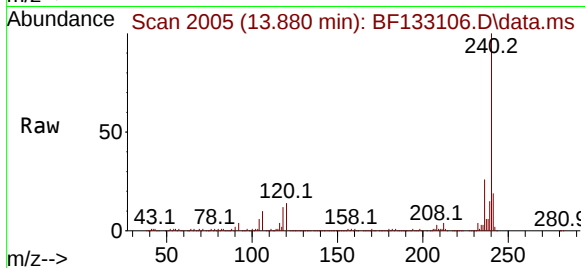
Tgt Ion:240 Resp: 545595

Ion Ratio Lower Upper

240 100

120 14.2 10.5 15.7

236 25.7 21.5 32.3



#77

Benidine

Concen: 2.800 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.253 min

Lab File: BF133106.D

Acq: 27 Apr 2023 18:25

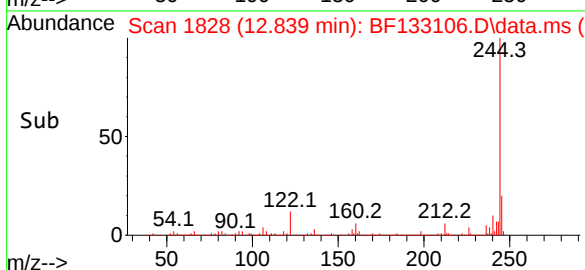
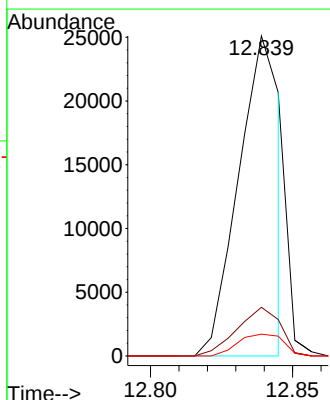
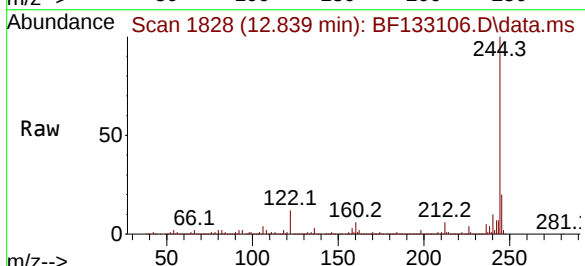
Tgt Ion:184 Resp: 25831

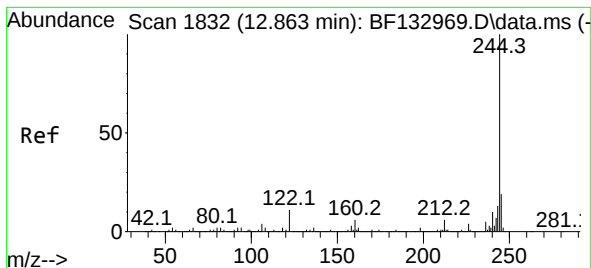
Ion Ratio Lower Upper

184 100

185 15.2 15.4 23.2#

183 6.8 9.4 14.0#





#79

Terphenyl-d14

Concen: 73.128 ng

RT: 12.839 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133106.D

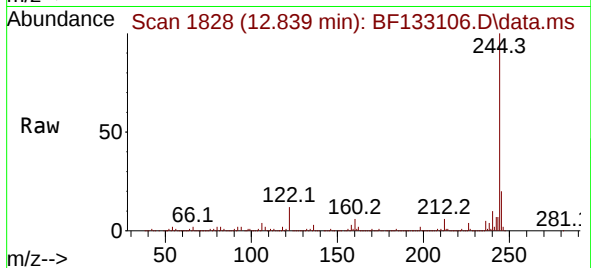
Acq: 27 Apr 2023 18:25

Instrument :

BNA_F

ClientSampleId :

BU-511-COMP-02



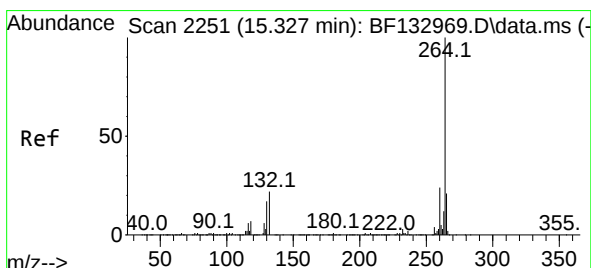
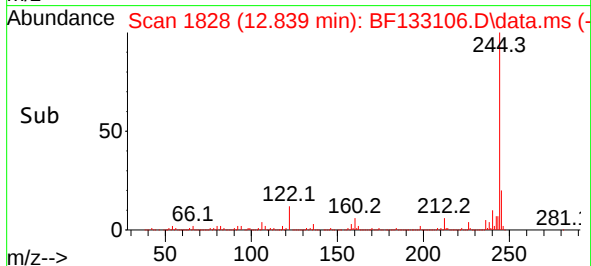
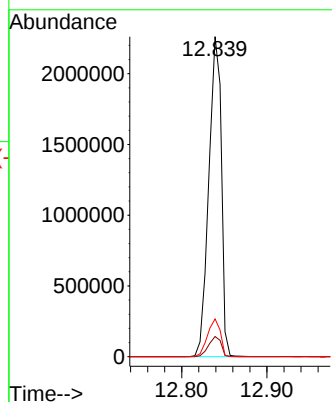
Tgt Ion:244 Resp: 2313394

Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

122 11.8 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. -0.012 min

Lab File: BF133106.D

Acq: 27 Apr 2023 18:25

Tgt Ion:264 Resp: 439827

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.2 17.0 25.4

