

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133109.D
 Acq On : 27 Apr 2023 19:57
 Operator : CG\JU
 Sample : 02502-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Apr 28 02:12:27 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)

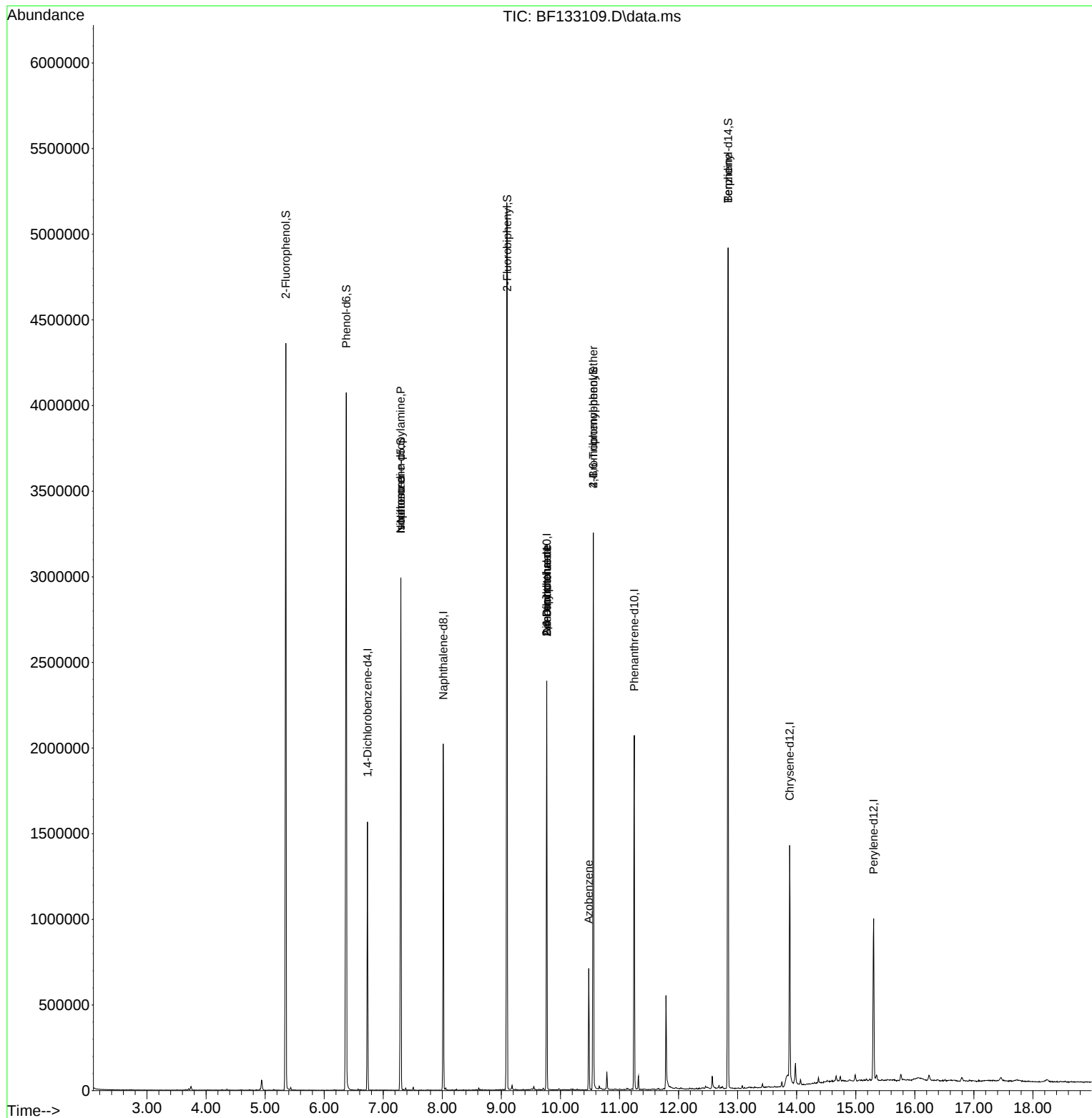
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	202583	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	817882	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	431123	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	730014	20.000	ng	0.00
76) Chrysene-d12	13.880	240	411470	20.000	ng	-0.02
86) Perylene-d12	15.304	264	394051	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1289939	96.187	ng	0.00
7) Phenol-d6	6.375	99	1631950	98.042	ng	0.00
23) Nitrobenzene-d5	7.298	82	974494	64.313	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	420532	96.991	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1721515	66.804	ng	0.00
79) Terphenyl-d14	12.839	244	1654878	69.364	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.275	77	119	Below Cal	#	27
19) n-Nitroso-di-n-propyla...	7.298	70	128230	12.374	ng	# 77
25) Isophorone	7.298	82	971495	33.768	ng	# 63
50) Dimethylphthalate	9.769	163	86219	2.868	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	54440	8.046	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	54440	6.309	ng	# 23
63) Azobenzene	10.480	77	110014	3.657	ng	# 1
67) 4-Bromophenyl-phenylether	10.557	248	26357	3.329	ng	# 1
77) Benzidine	12.839	184	18779	2.699	ng	# 87

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

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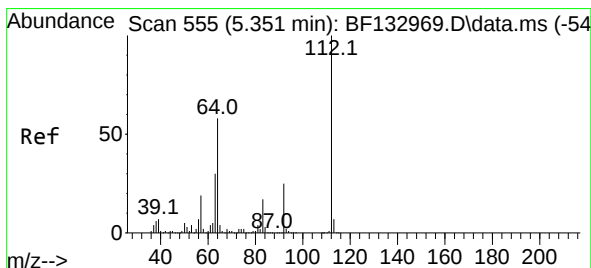
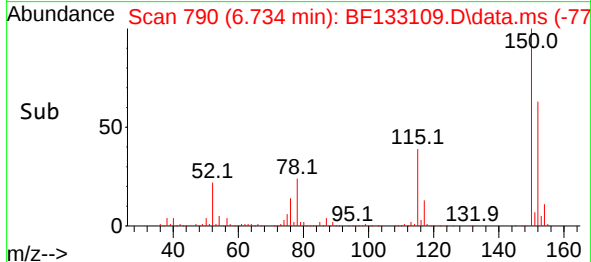
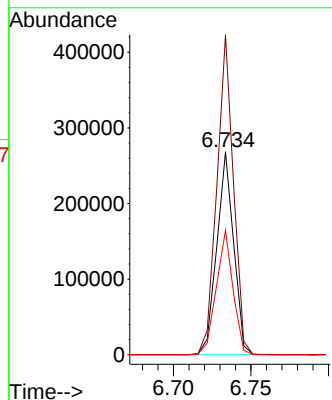
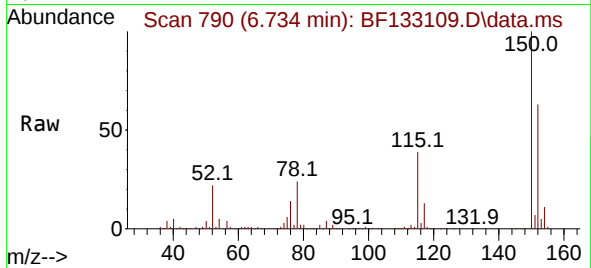




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF133109.D
 Acq: 27 Apr 2023 19:57

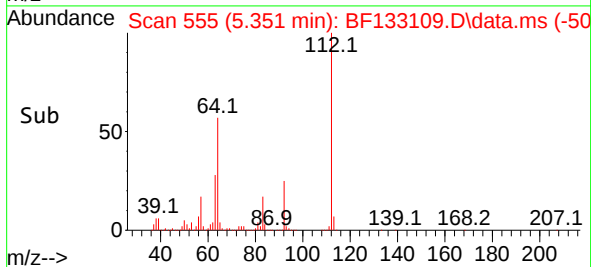
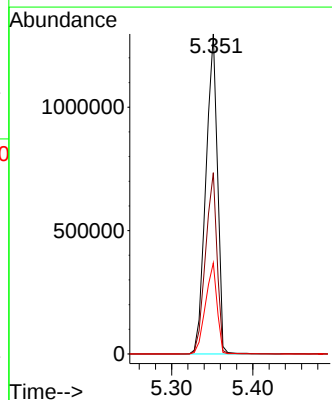
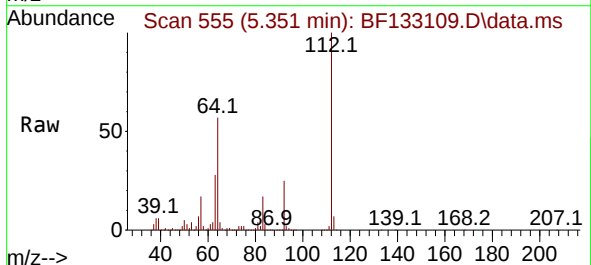
Instrument :
 BNA_F
 ClientSampleId :
 BU-511-COMP-01

Tgt Ion:152 Resp: 202583
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.8 187.2
 115 61.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 96.187 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.006 min
 Lab File: BF133109.D
 Acq: 27 Apr 2023 19:57

Tgt Ion:112 Resp: 1289939
 Ion Ratio Lower Upper
 112 100
 64 56.7 46.8 70.2
 63 28.5 23.8 35.8

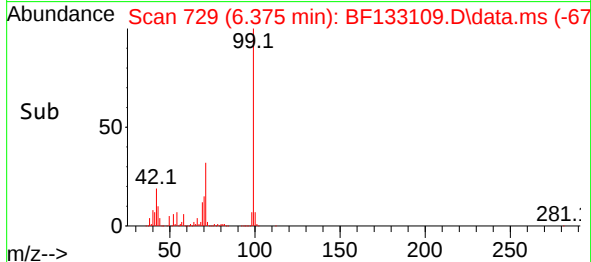
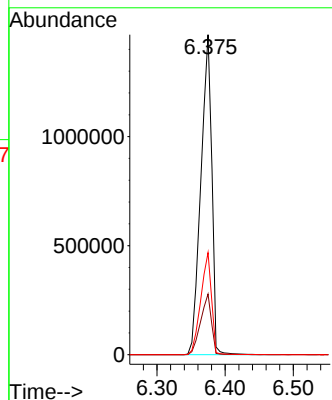
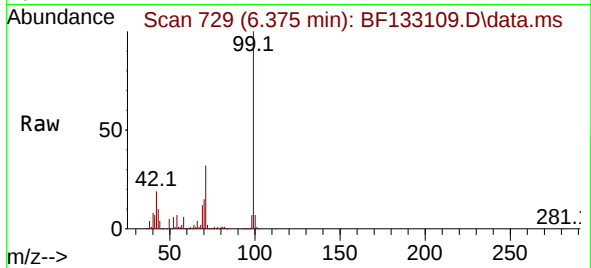




#7
Phenol-d6
Concen: 98.042 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133109.D
Acq: 27 Apr 2023 19:57

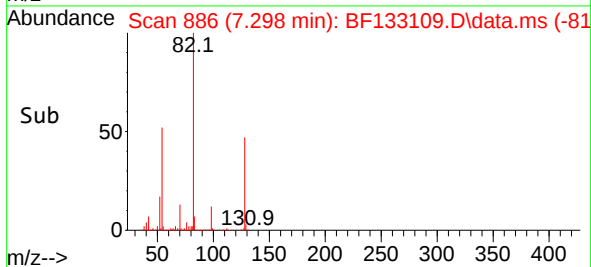
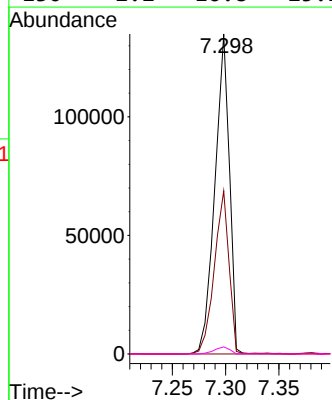
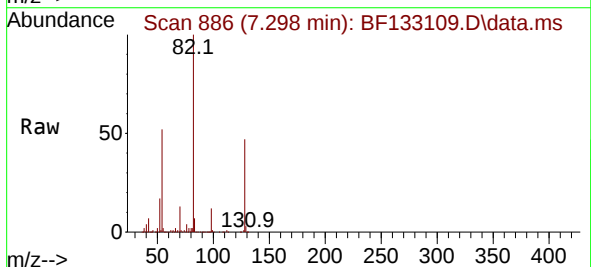
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01

Tgt Ion: 99 Resp: 1631950
Ion Ratio Lower Upper
99 100
42 19.0 16.3 24.5
71 31.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.374 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133109.D
Acq: 27 Apr 2023 19:57

Tgt Ion: 70 Resp: 128230
Ion Ratio Lower Upper
70 100
42 50.9 51.8 77.6#
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#

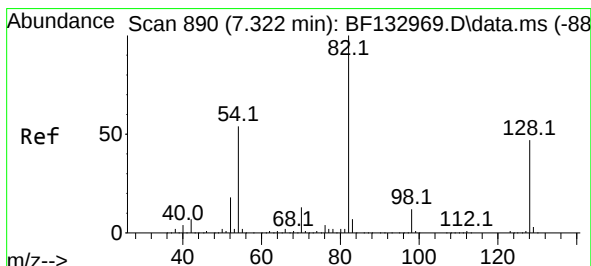
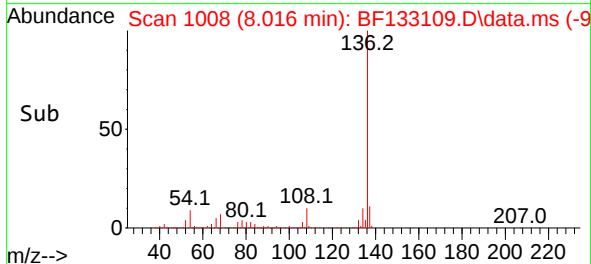
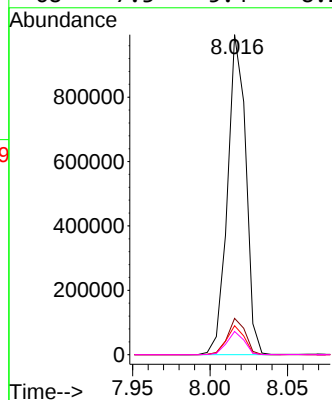
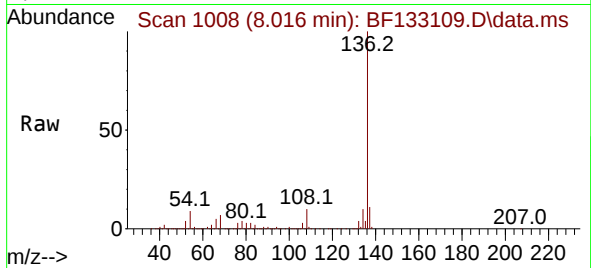




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133109.D
Acq: 27 Apr 2023 19:57

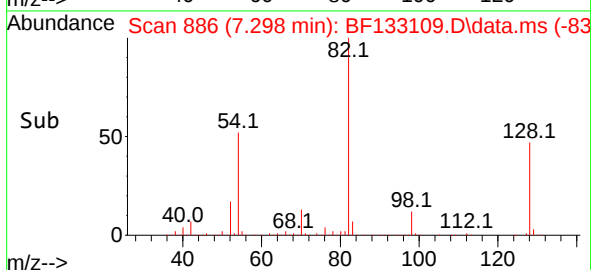
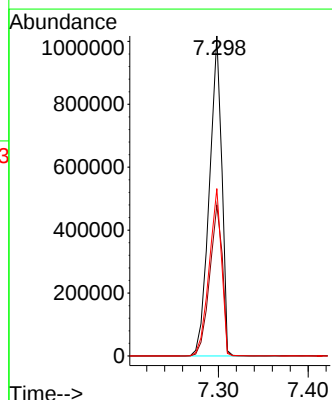
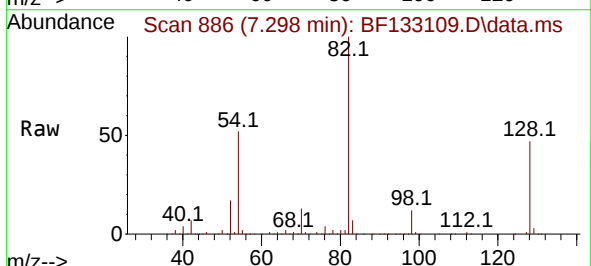
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01

Tgt Ion:136 Resp: 817882
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.0 7.0 10.4
68 7.3 5.4 8.2



#23
Nitrobenzene-d5
Concen: 64.313 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133109.D
Acq: 27 Apr 2023 19:57

Tgt Ion: 82 Resp: 974494
Ion Ratio Lower Upper
82 100
128 47.2 37.7 56.5
54 52.3 43.0 64.4

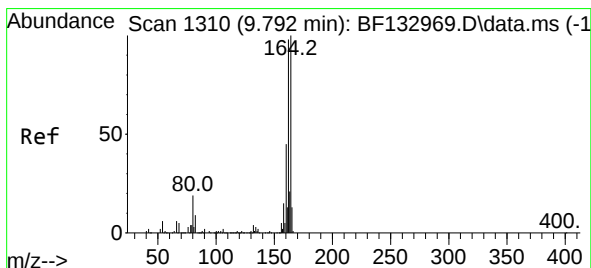
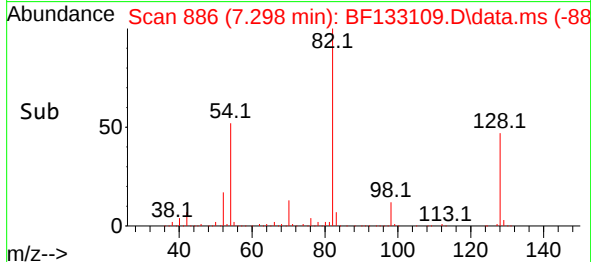
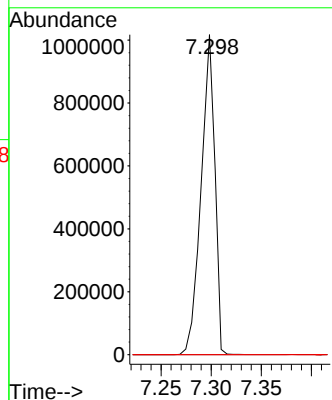
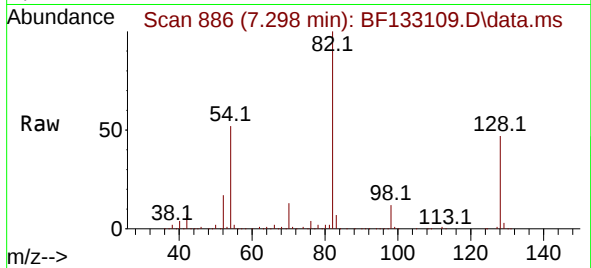




#25
Isophorone
Concen: 33.768 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133109.D
Acq: 27 Apr 2023 19:57

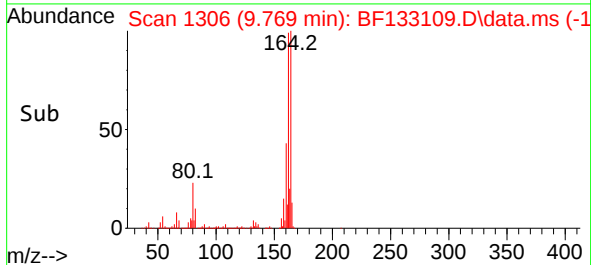
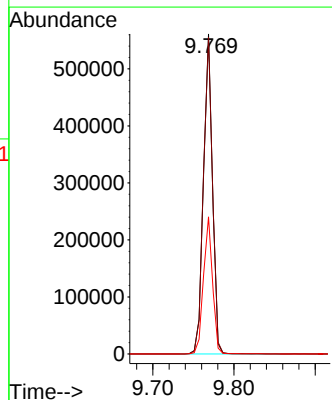
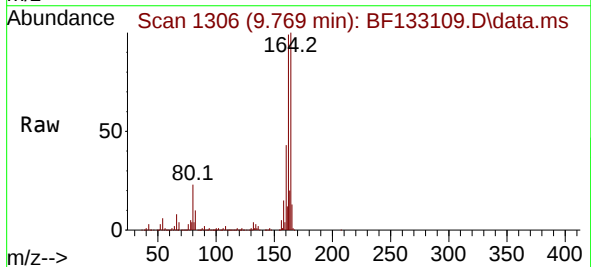
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01

Tgt Ion: 82 Resp: 971495
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: BF133109.D
Acq: 27 Apr 2023 19:57

Tgt Ion:164 Resp: 431123
Ion Ratio Lower Upper
164 100
162 99.0 78.7 118.1
160 42.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 96.991 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF133109.D

Acq: 27 Apr 2023 19:57

Instrument :

BNA_F

ClientSampleId :

BU-511-COMP-01

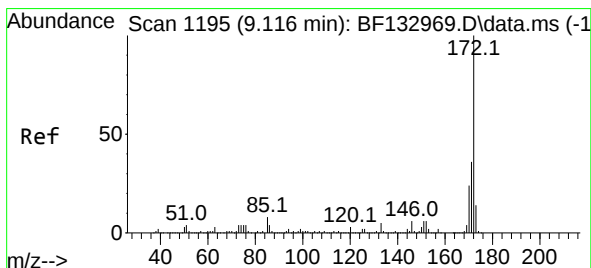
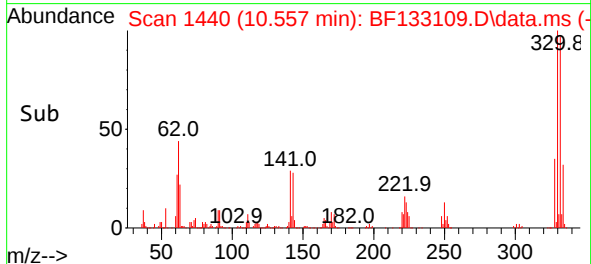
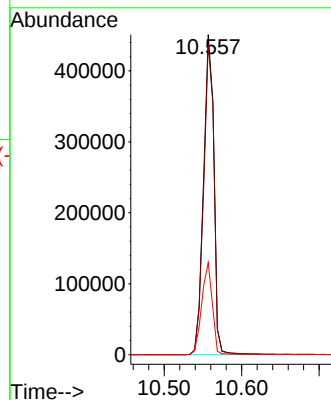
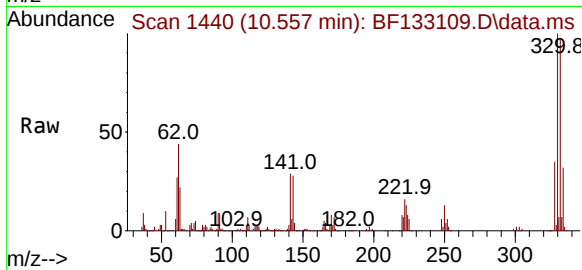
Tgt Ion:330 Resp: 420532

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

141 29.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 66.804 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133109.D

Acq: 27 Apr 2023 19:57

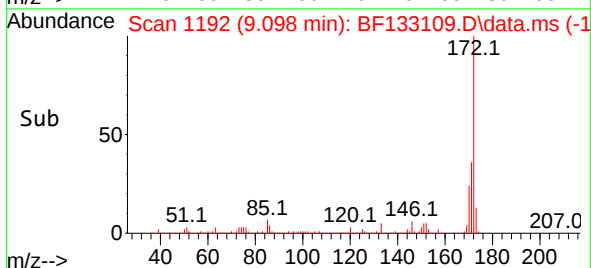
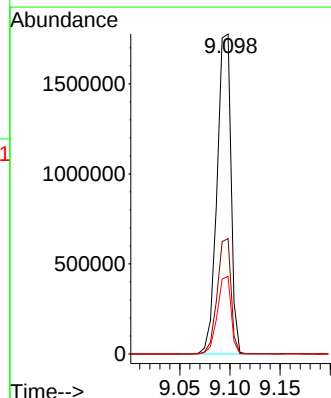
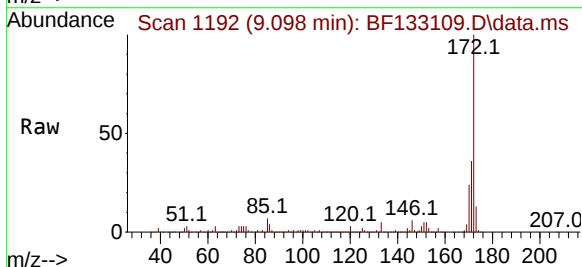
Tgt Ion:172 Resp: 1721515

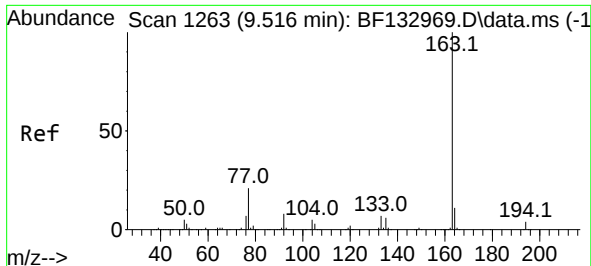
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.2 19.4 29.2

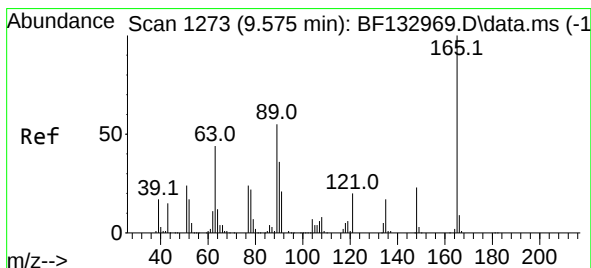
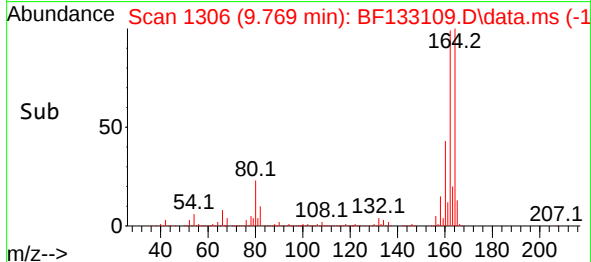
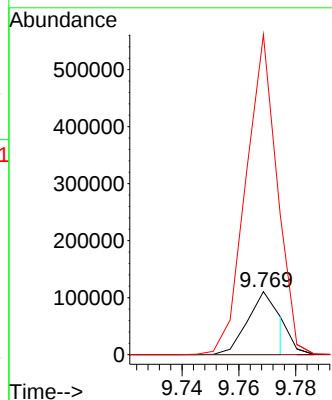
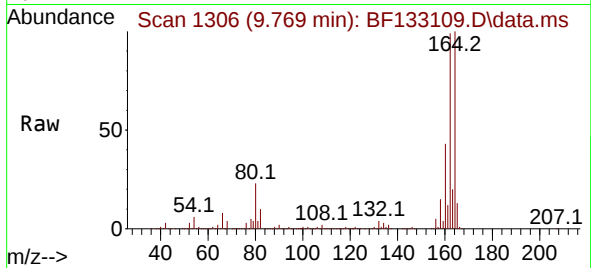




#50
Dimethylphthalate
Concen: 2.868 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.264 min
Lab File: BF133109.D
Acq: 27 Apr 2023 19:57

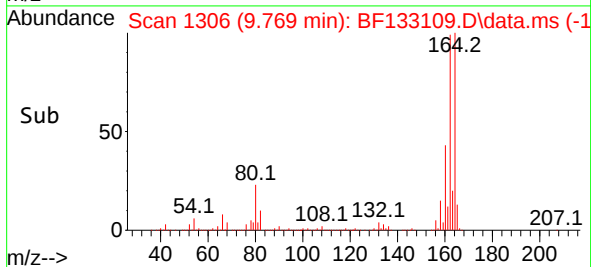
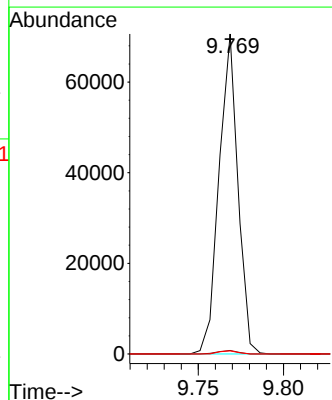
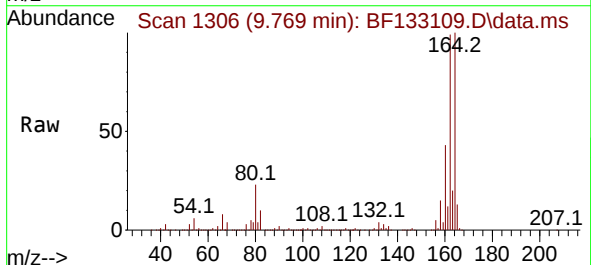
Instrument :
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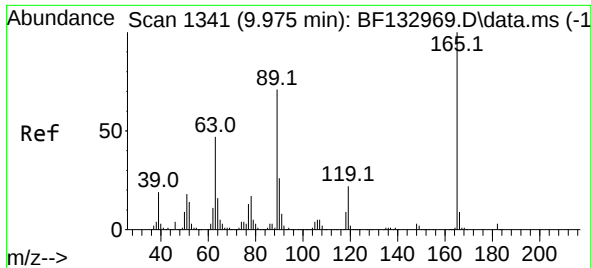
Tgt Ion:163 Resp: 86219
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 507.3 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.046 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.206 min
Lab File: BF133109.D
Acq: 27 Apr 2023 19:57

Tgt Ion:165 Resp: 54440
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.0 44.0 66.0#

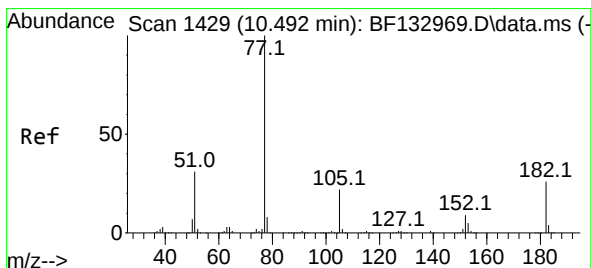
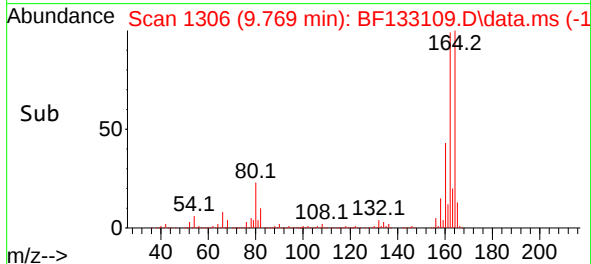
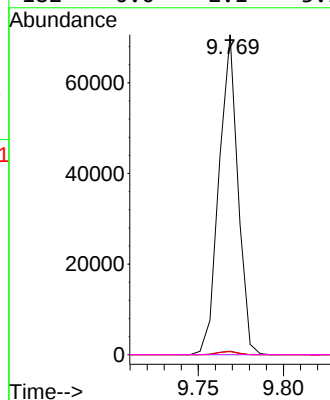
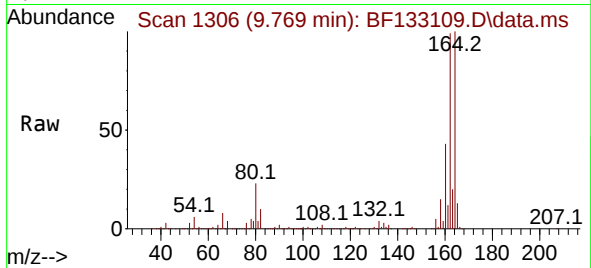




#57
2,4-Dinitrotoluene
Concen: 6.309 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133109.D
Acq: 27 Apr 2023 19:57

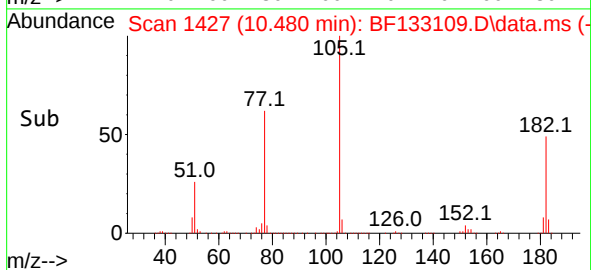
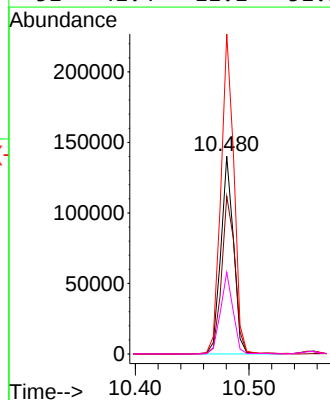
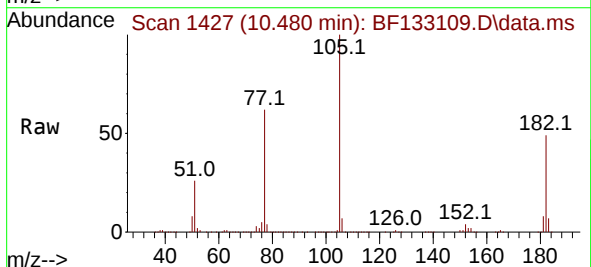
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01

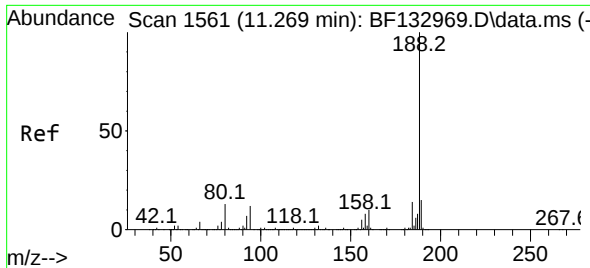
Tgt Ion:165 Resp: 54440
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.0 57.0 85.4#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 3.657 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF133109.D
Acq: 27 Apr 2023 19:57

Tgt Ion: 77 Resp: 110014
Ion Ratio Lower Upper
77 100
182 79.8 5.9 45.9#
105 161.9 2.3 42.3#
51 41.4 11.1 51.1

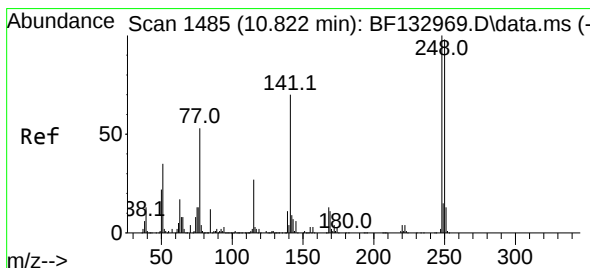
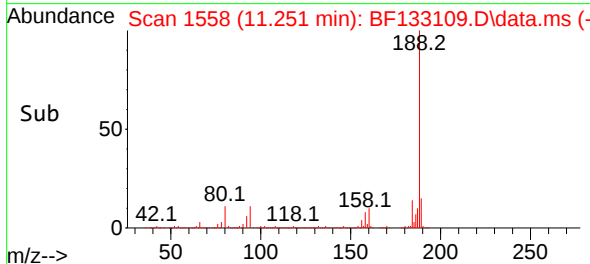
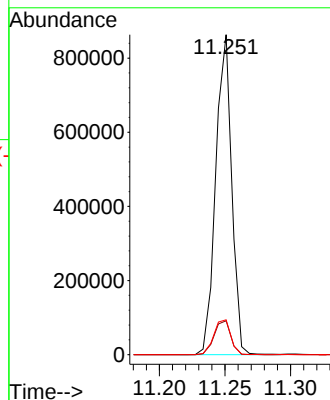
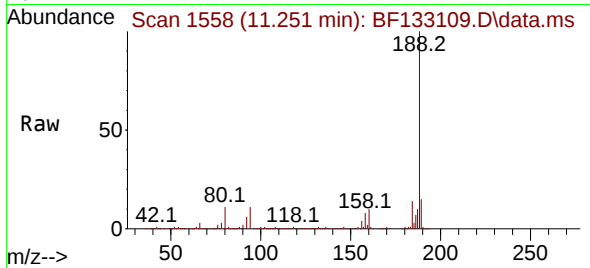




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133109.D
Acq: 27 Apr 2023 19:57

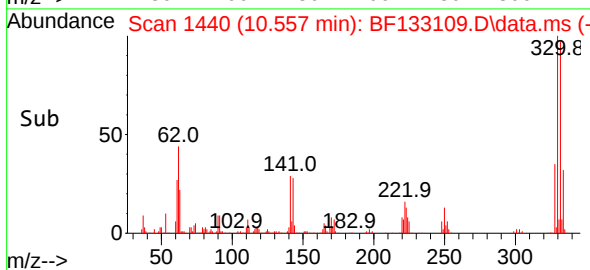
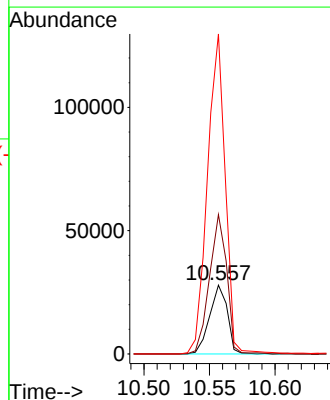
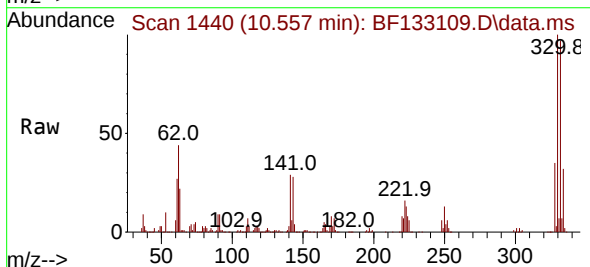
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01

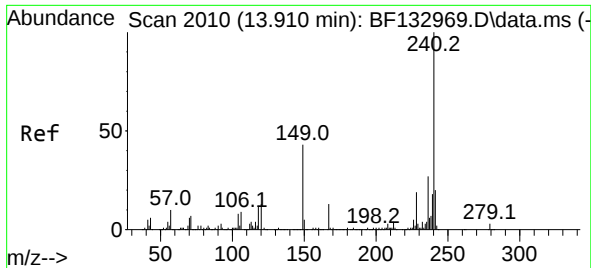
Tgt Ion:188 Resp: 730014
Ion Ratio Lower Upper
188 100
94 10.6 9.7 14.5
80 10.9 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 3.329 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.247 min
Lab File: BF133109.D
Acq: 27 Apr 2023 19:57

Tgt Ion:248 Resp: 26357
Ion Ratio Lower Upper
248 100
250 202.6 78.7 118.1#
141 465.2 56.3 84.5#

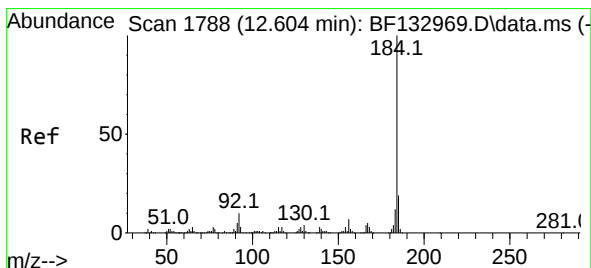
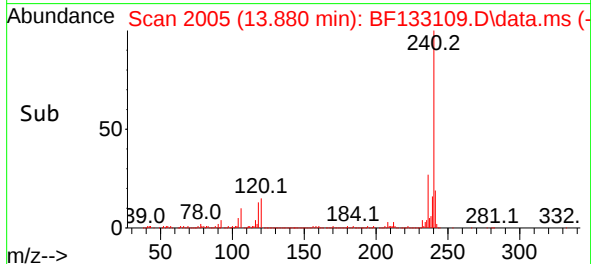
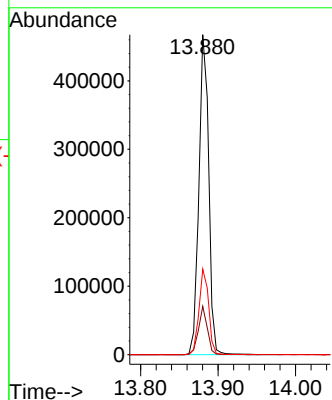
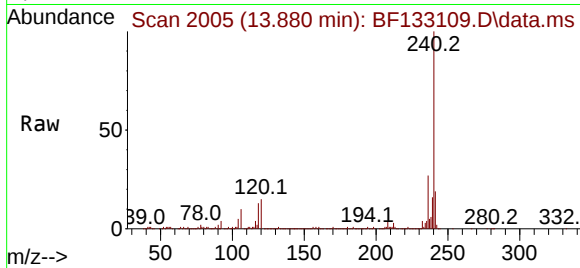




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF133109.D
Acq: 27 Apr 2023 19:57

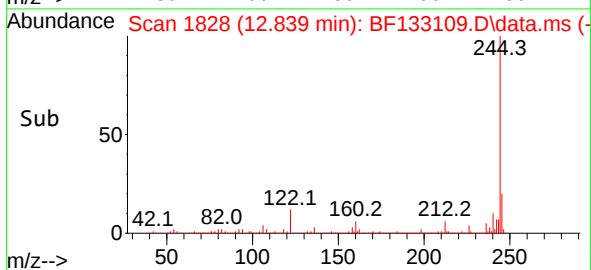
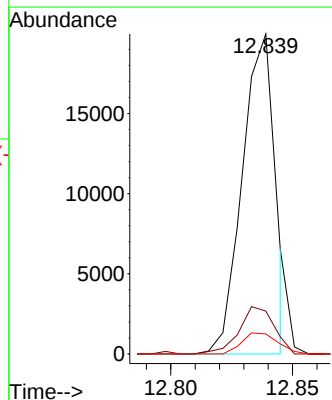
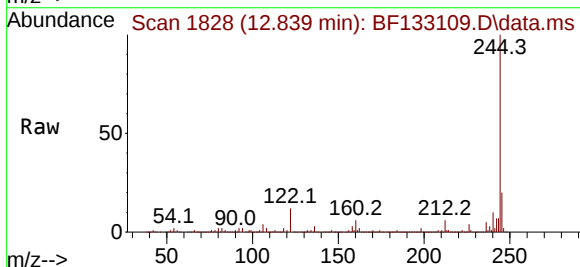
Instrument :
BNA_F
ClientSampleId :
BU-511-COMP-01

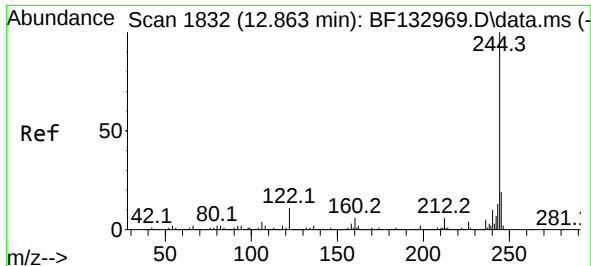
Tgt Ion:240 Resp: 411470
Ion Ratio Lower Upper
240 100
120 15.1 10.5 15.7
236 26.7 21.5 32.3



#77
Benzidine
Concen: 2.699 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.253 min
Lab File: BF133109.D
Acq: 27 Apr 2023 19:57

Tgt Ion:184 Resp: 18779
Ion Ratio Lower Upper
184 100
185 13.4 15.4 23.2#
183 6.2 9.4 14.0#

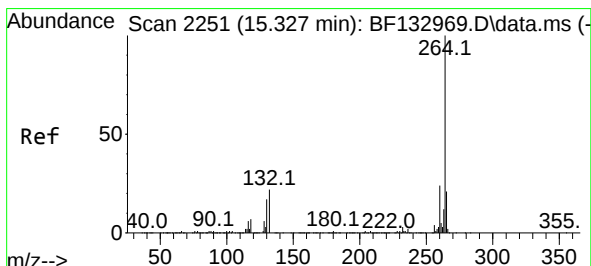
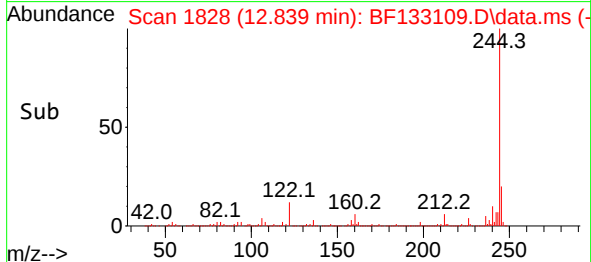
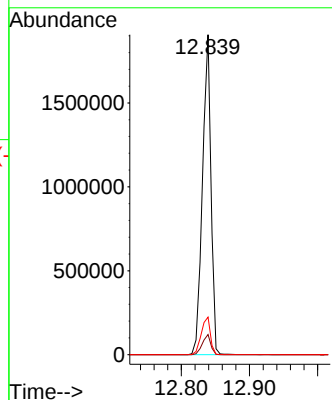
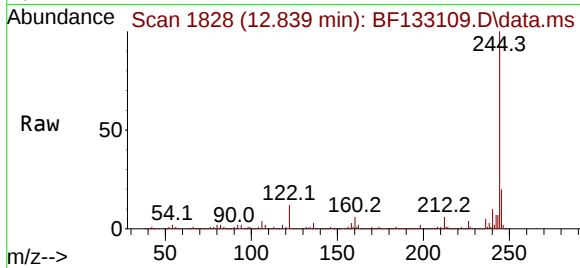




#79
 Terphenyl-d14
 Concen: 69.364 ng
 RT: 12.839 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133109.D
 Acq: 27 Apr 2023 19:57

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

Tgt Ion:244 Resp: 1654878
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 11.7 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: BF133109.D
 Acq: 27 Apr 2023 19:57

Tgt Ion:264 Resp: 394051
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.5 17.0 25.4

