

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133069.D
 Acq On : 26 Apr 2023 17:29
 Operator : CG\JU
 Sample : 02448-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230324-COMP-2

Quant Time: Apr 27 01:58:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

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

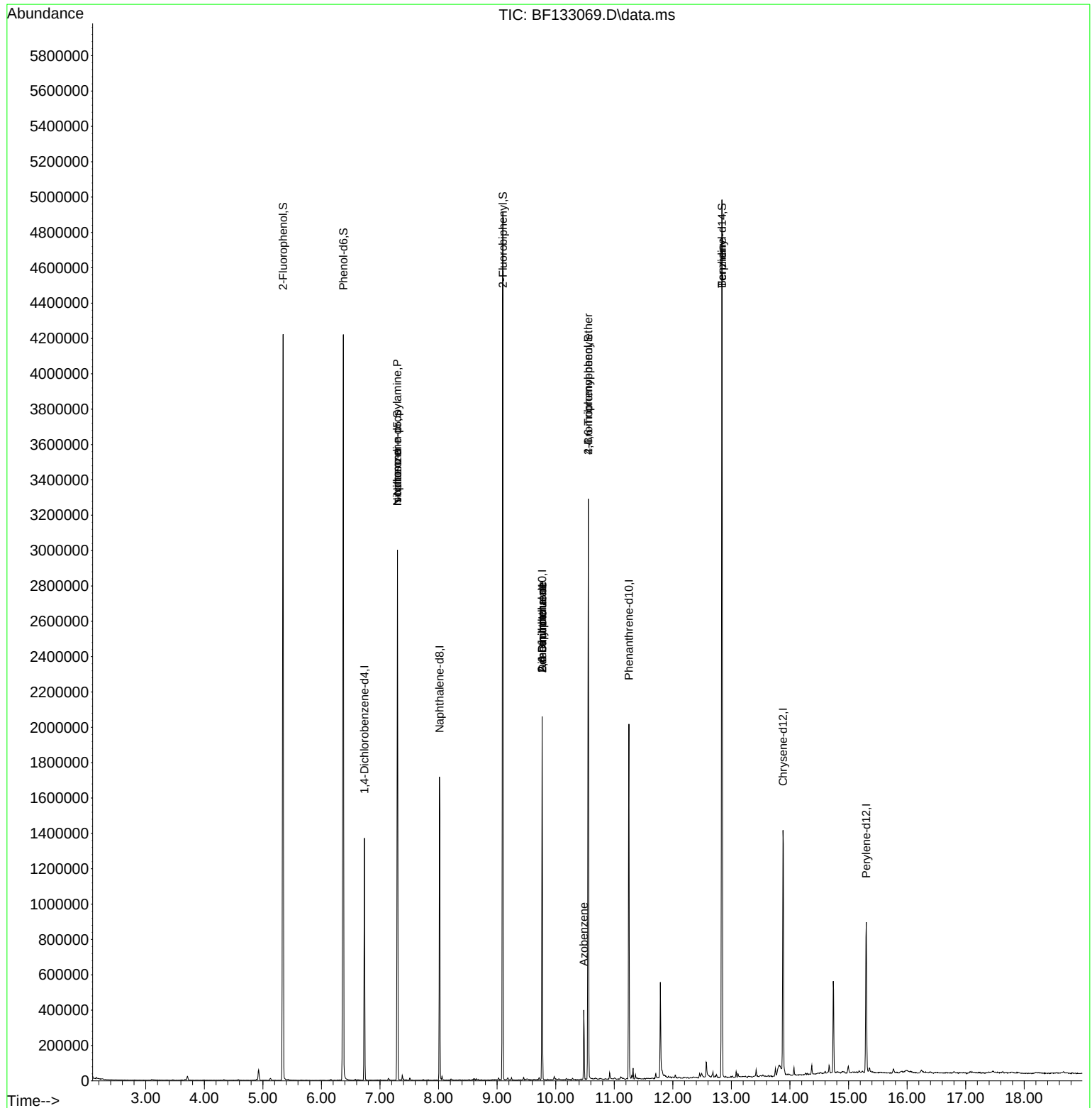
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	174205	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	704487	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	367300	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	682221	20.000	ng	0.00
76) Chrysene-d12	13.880	240	449388	20.000	ng	-0.01
86) Perylene-d12	15.304	264	355462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1237868	107.341	ng	0.00
7) Phenol-d6	6.375	99	1514343	105.796	ng	0.00
23) Nitrobenzene-d5	7.298	82	872526	66.852	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	401591	108.717	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1461002	66.547	ng	0.00
79) Terphenyl-d14	12.839	244	1766260	67.786	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.281	77	336	Below Cal	#	47
19) n-Nitroso-di-n-propyla...	7.298	70	114293	12.826	ng	# 78
25) Isophorone	7.298	82	872516	35.210	ng	# 63
50) Dimethylphthalate	9.769	163	72236	2.820	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	47283	8.203	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	47283	6.432	ng	# 23
63) Azobenzene	10.480	77	59898	2.337	ng	# 1
67) 4-Bromophenyl-phenylether	10.557	248	24782	3.349	ng	# 1
77) Benzidine	12.839	184	20043	2.637	ng	# 89

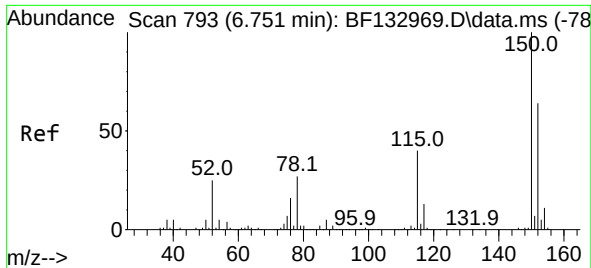
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
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Response via : Initial Calibration

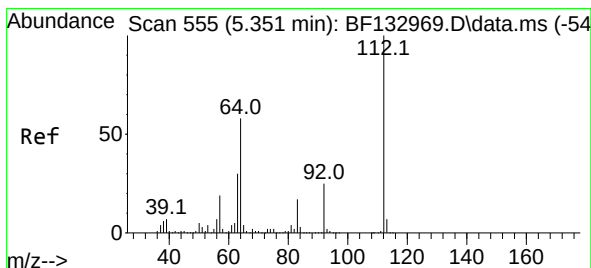
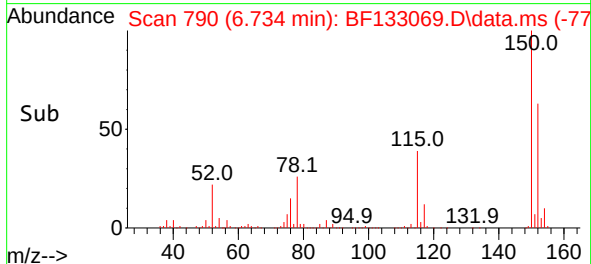
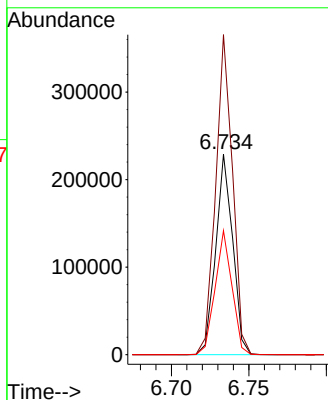
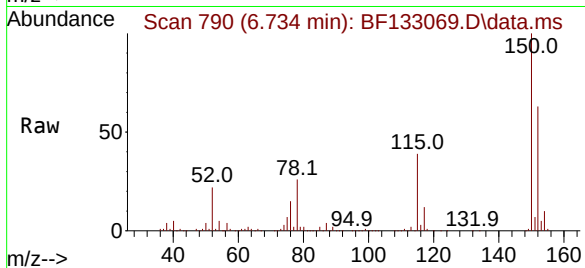




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 793
 Delta R.T. -0.005 min
 Lab File: BF133069.D
 Acq: 26 Apr 2023 17:29

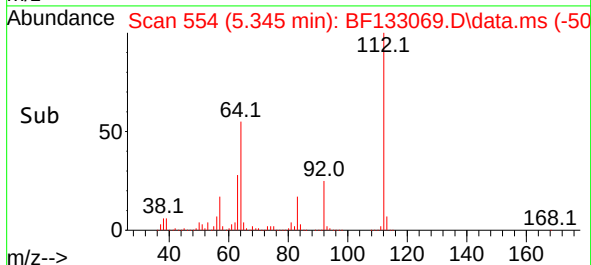
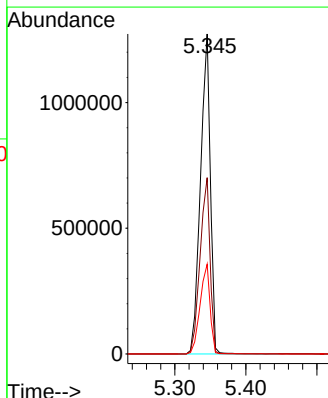
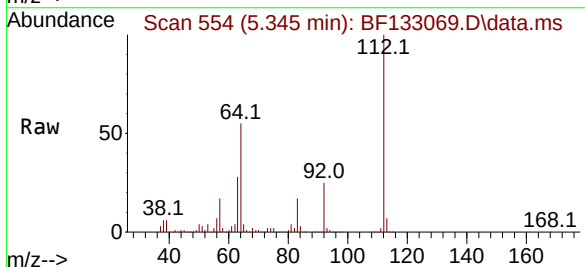
Instrument :
 BNA_F
 ClientSampleId :
 20230324-COMP-2

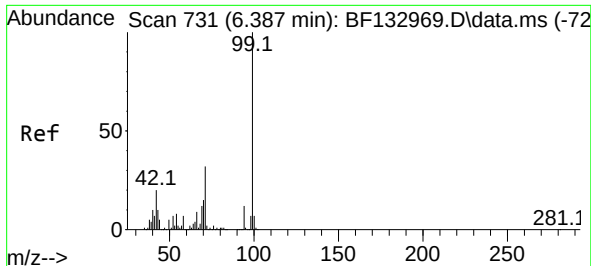
Tgt Ion:152 Resp: 174205
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.8 187.2
 115 61.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 107.341 ng
 RT: 5.345 min Scan# 554
 Delta R.T. 0.006 min
 Lab File: BF133069.D
 Acq: 26 Apr 2023 17:29

Tgt Ion:112 Resp: 1237868
 Ion Ratio Lower Upper
 112 100
 64 55.1 46.8 70.2
 63 28.1 23.8 35.8

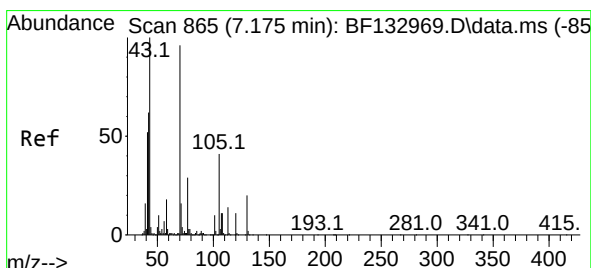
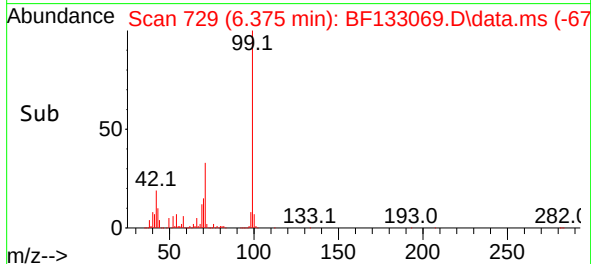
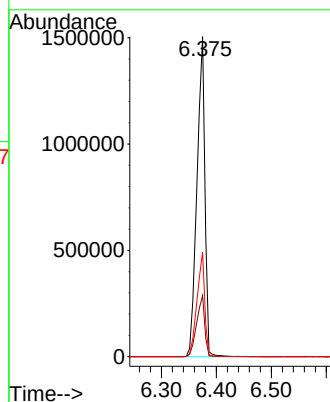
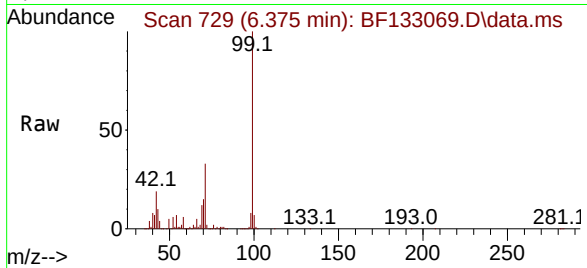




#7
Phenol-d6
Concen: 105.796 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133069.D
Acq: 26 Apr 2023 17:29

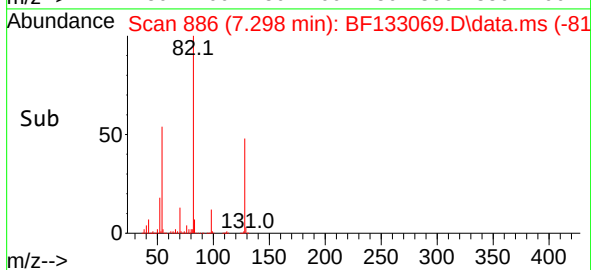
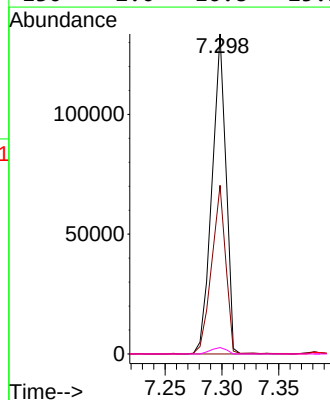
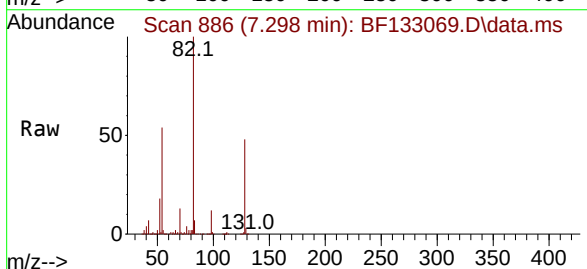
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2

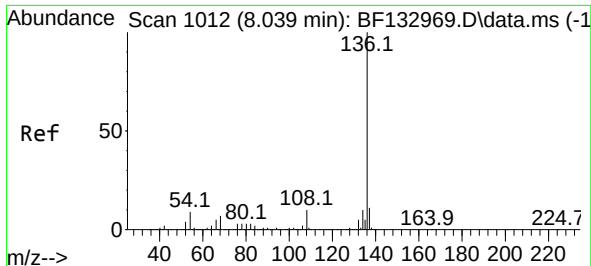
Tgt Ion: 99 Resp: 1514343
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 32.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.826 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133069.D
Acq: 26 Apr 2023 17:29

Tgt Ion: 70 Resp: 114293
Ion Ratio Lower Upper
70 100
42 52.7 51.8 77.6
101 0.0 8.0 12.0#
130 2.0 16.8 25.2#

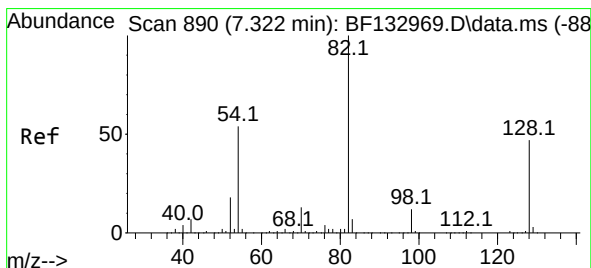
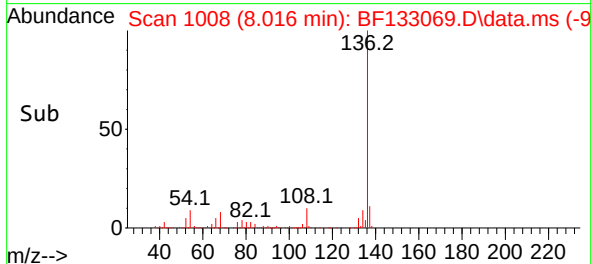
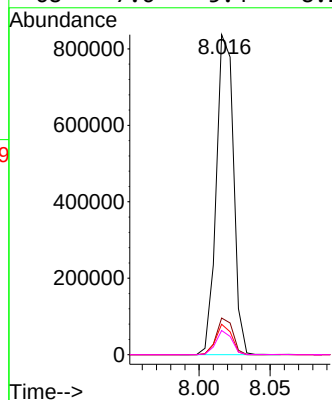
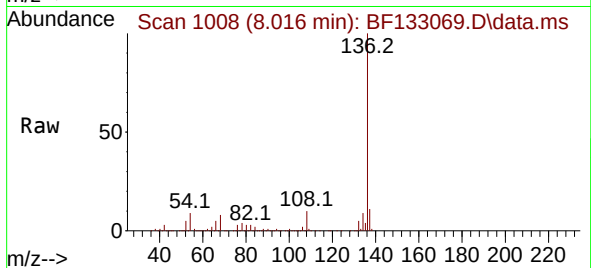




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133069.D
Acq: 26 Apr 2023 17:29

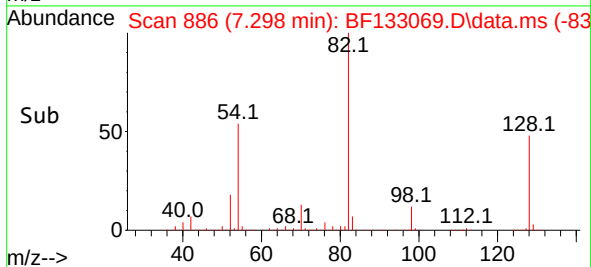
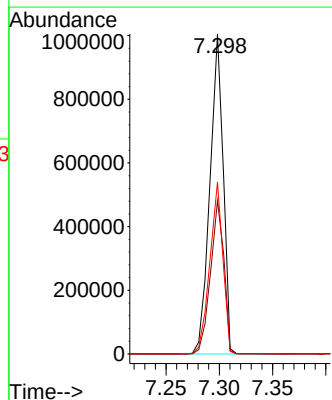
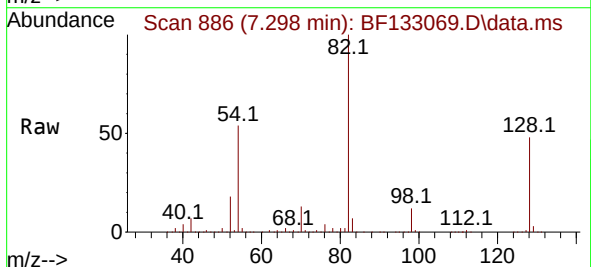
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2

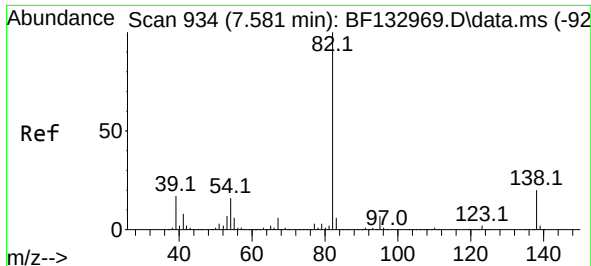
Tgt Ion:136	Resp: 704487
Ion Ratio	Lower Upper
136 100	
137 11.5	8.6 13.0
54 9.5	7.0 10.4
68 7.6	5.4 8.2



#23
Nitrobenzene-d5
Concen: 66.852 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133069.D
Acq: 26 Apr 2023 17:29

Tgt Ion: 82	Resp: 872526
Ion Ratio	Lower Upper
82 100	
128 47.9	37.7 56.5
54 53.7	43.0 64.4

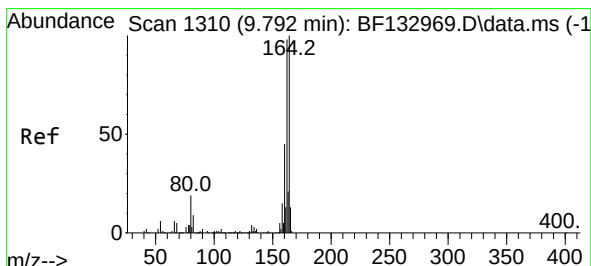
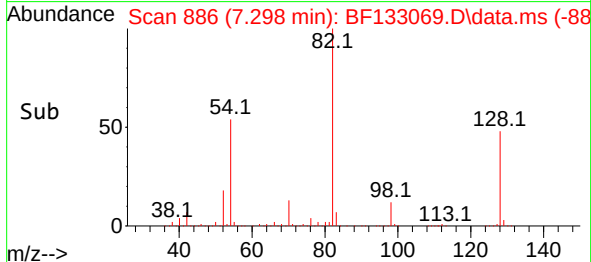
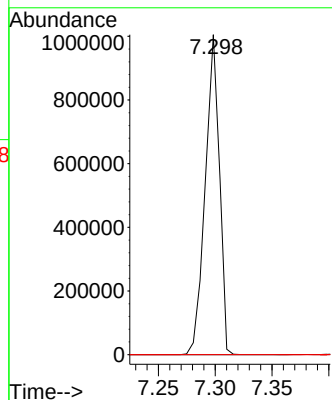
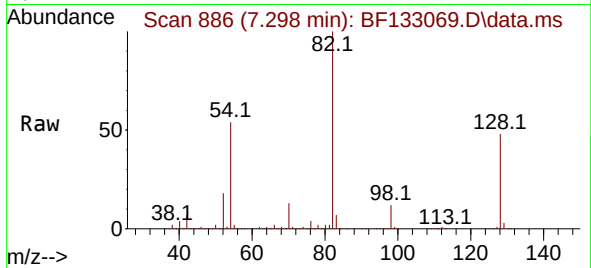




#25
Isophorone
Concen: 35.210 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133069.D
Acq: 26 Apr 2023 17:29

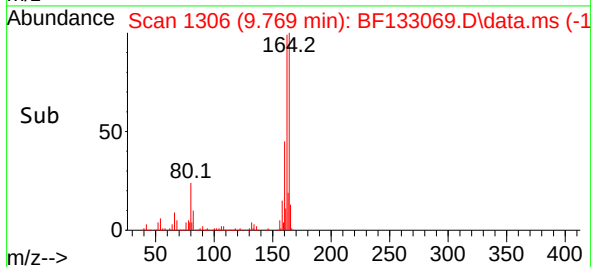
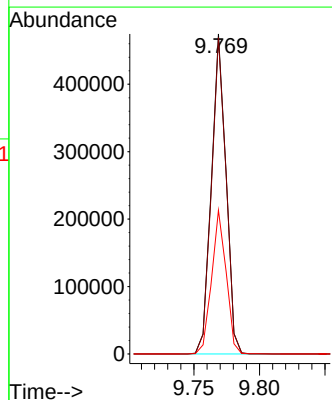
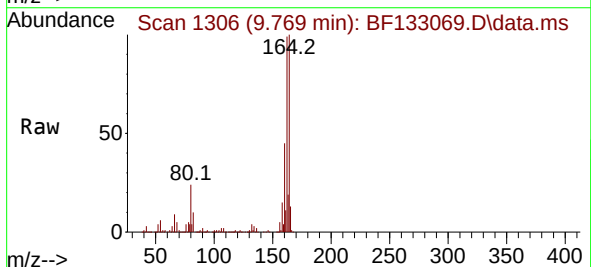
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2

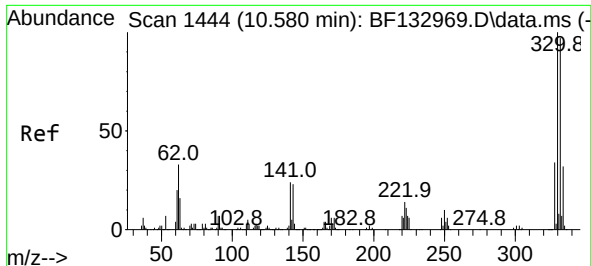
Tgt Ion: 82 Resp: 872516
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133069.D
Acq: 26 Apr 2023 17:29

Tgt Ion:164 Resp: 367300
Ion Ratio Lower Upper
164 100
162 98.8 78.7 118.1
160 44.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 108.717 ng

RT: 10.557 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133069.D

Acq: 26 Apr 2023 17:29

Instrument :

BNA_F

ClientSampleId :

20230324-COMP-2

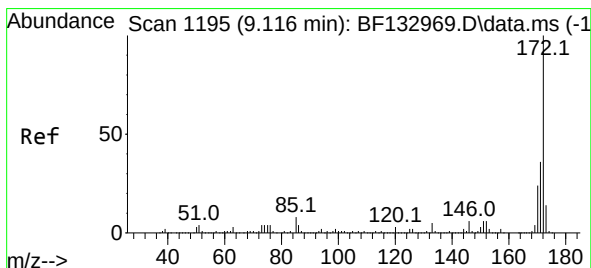
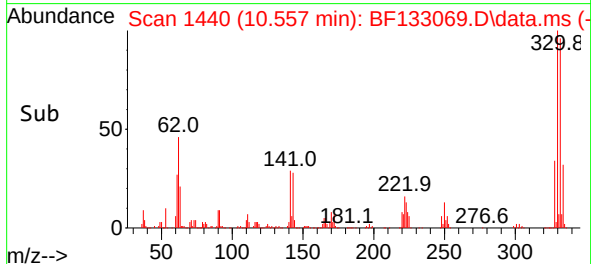
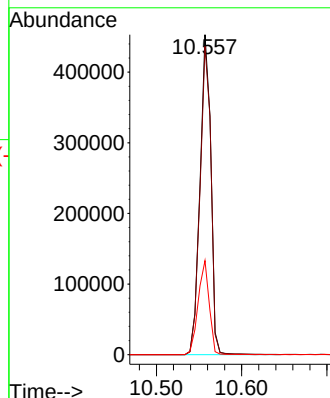
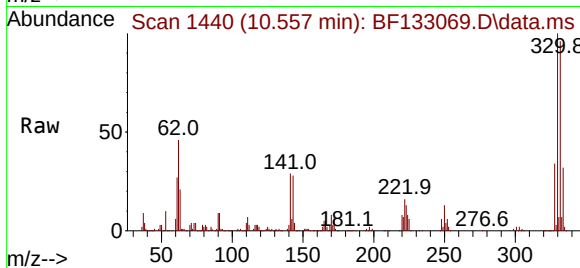
Tgt Ion:330 Resp: 401591

Ion Ratio Lower Upper

330 100

332 97.4 77.1 115.7

141 30.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 66.547 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF133069.D

Acq: 26 Apr 2023 17:29

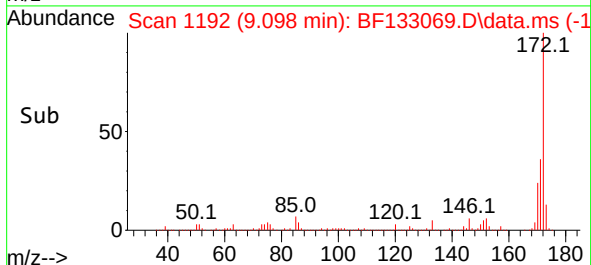
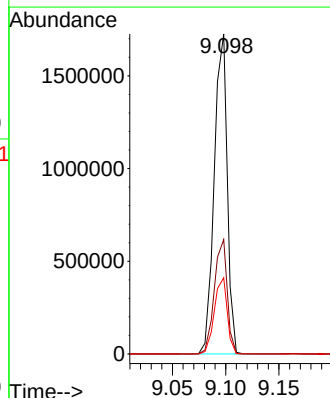
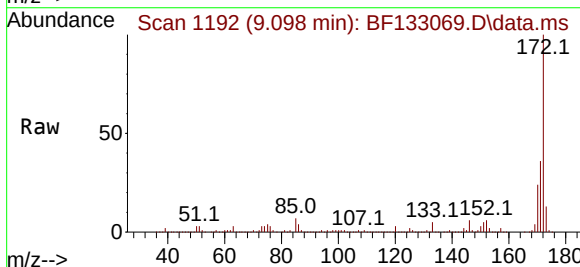
Tgt Ion:172 Resp: 1461002

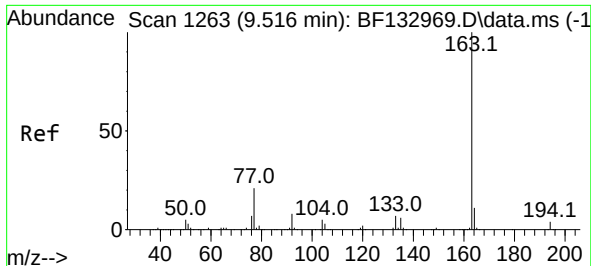
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.8 19.4 29.2

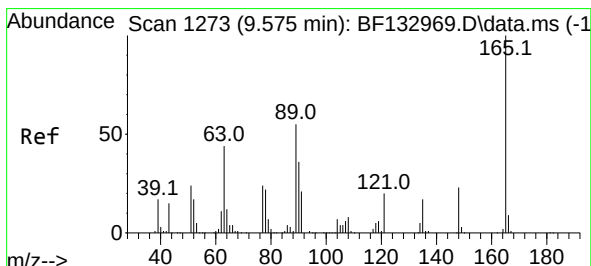
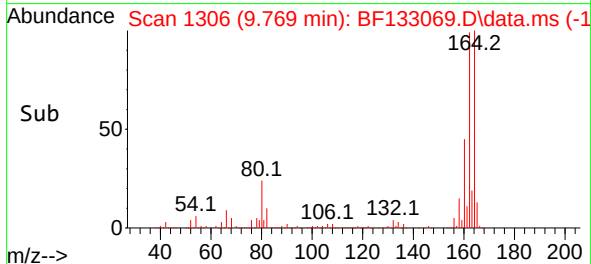
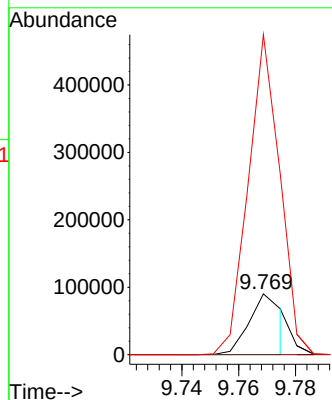
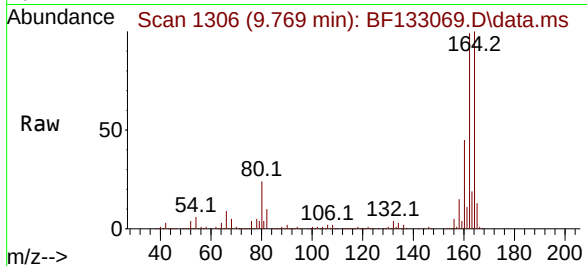




#50
Dimethylphthalate
Concen: 2.820 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133069.D
Acq: 26 Apr 2023 17:29

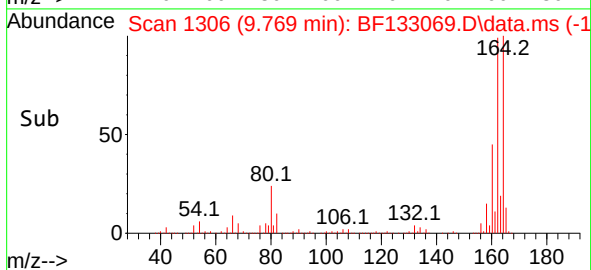
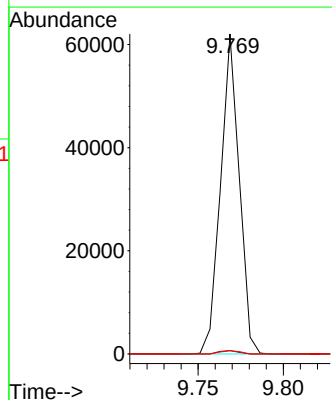
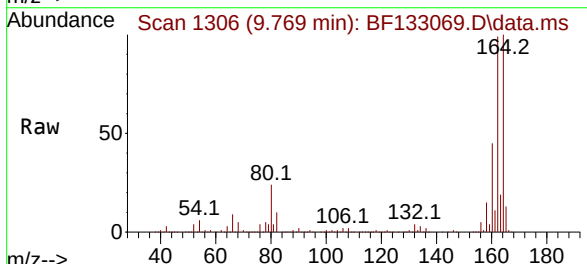
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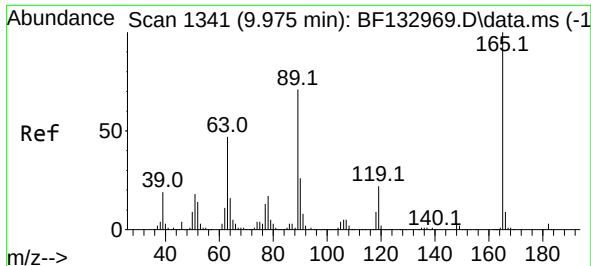
Tgt Ion:163 Resp: 72236
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 525.9 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.203 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.212 min
Lab File: BF133069.D
Acq: 26 Apr 2023 17:29

Tgt Ion:165 Resp: 47283
Ion Ratio Lower Upper
165 100
63 1.0 45.9 68.9#
89 1.0 44.0 66.0#





#57

2,4-Dinitrotoluene

Concen: 6.432 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF133069.D

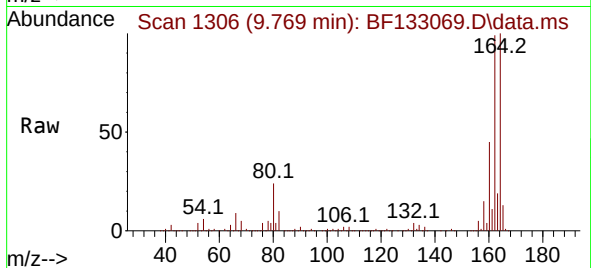
Acq: 26 Apr 2023 17:29

Instrument :

BNA_F

ClientSampleId :

20230324-COMP-2



Tgt Ion:165 Resp: 47283

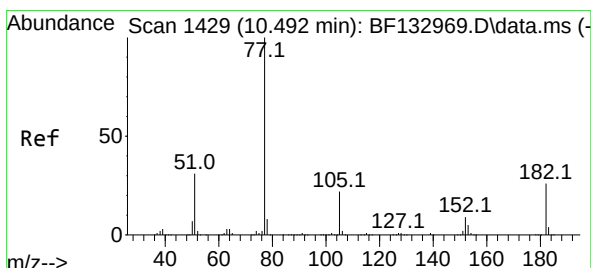
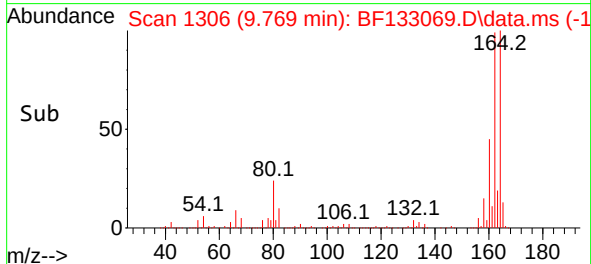
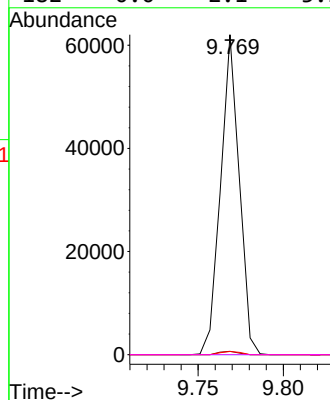
Ion Ratio Lower Upper

165 100

63 1.0 37.7 56.5#

89 1.0 57.0 85.4#

182 0.0 2.1 3.1#



#63

Azobenzene

Concen: 2.337 ng

RT: 10.480 min Scan# 1427

Delta R.T. 0.006 min

Lab File: BF133069.D

Acq: 26 Apr 2023 17:29

Tgt Ion: 77 Resp: 59898

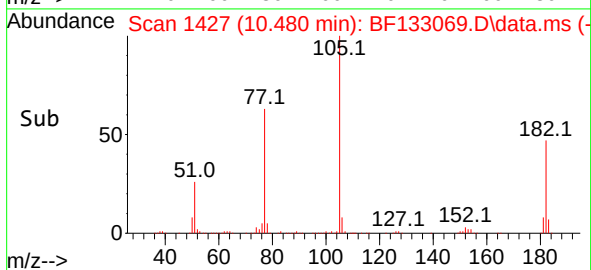
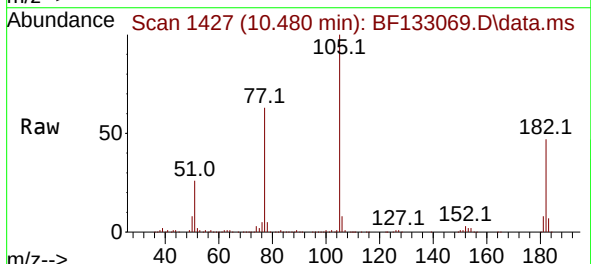
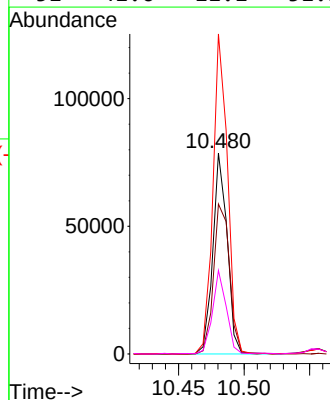
Ion Ratio Lower Upper

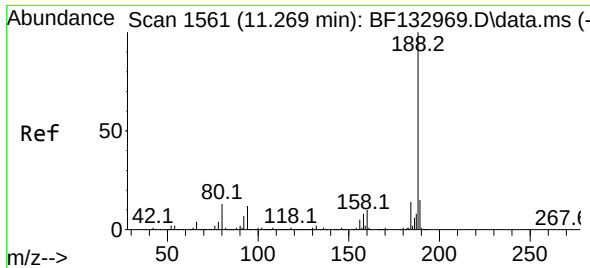
77 100

182 74.6 5.9 45.9#

105 159.4 2.3 42.3#

51 41.6 11.1 51.1

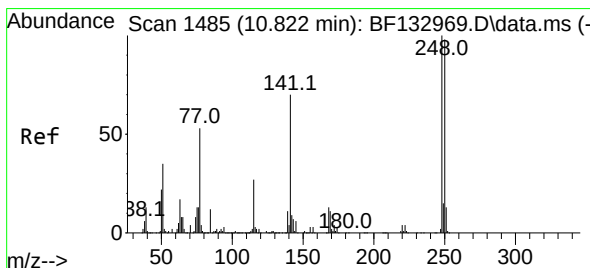
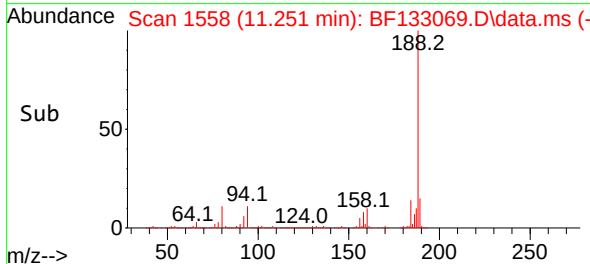
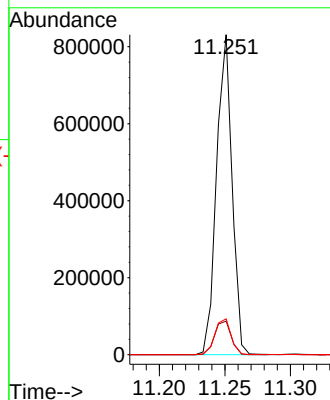
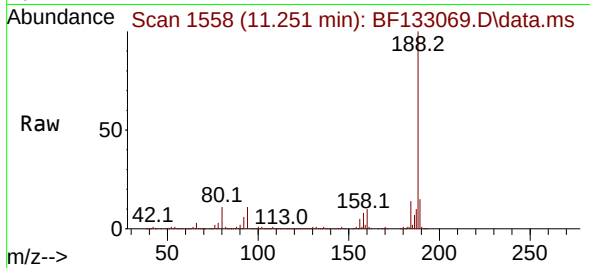




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133069.D
Acq: 26 Apr 2023 17:29

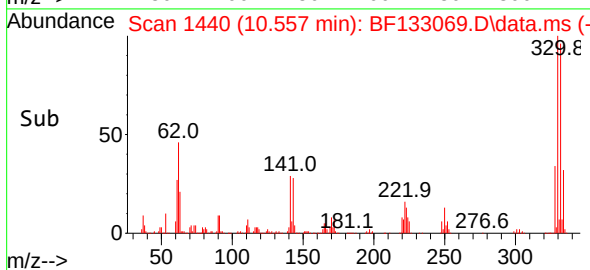
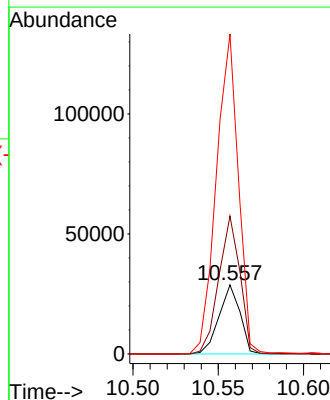
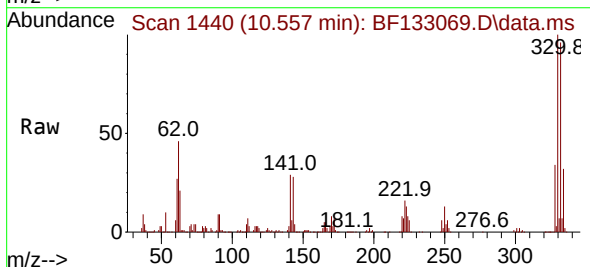
Instrument :
BNA_F
ClientSampleId :
20230324-COMP-2

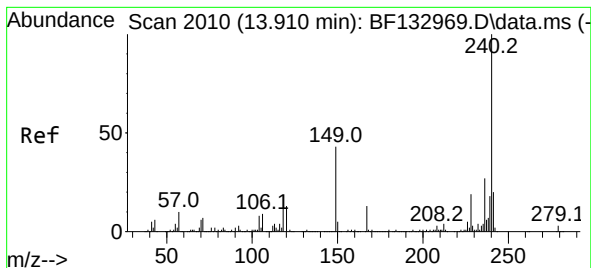
Tgt Ion:188 Resp: 682221
Ion Ratio Lower Upper
188 100
94 10.5 9.7 14.5
80 11.2 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 3.349 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.247 min
Lab File: BF133069.D
Acq: 26 Apr 2023 17:29

Tgt Ion:248 Resp: 24782
Ion Ratio Lower Upper
248 100
250 199.5 78.7 118.1#
141 462.6 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF133069.D

Acq: 26 Apr 2023 17:29

Instrument :

BNA_F

ClientSampleId :

20230324-COMP-2

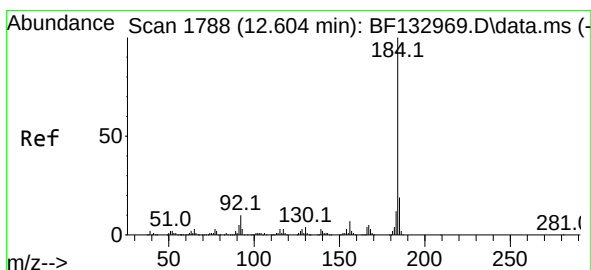
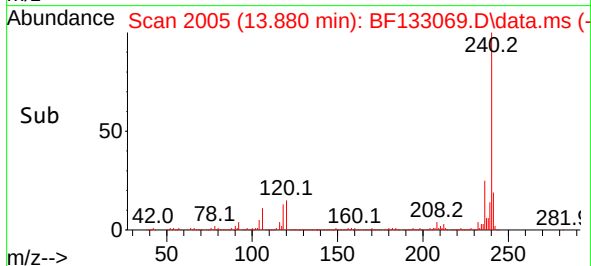
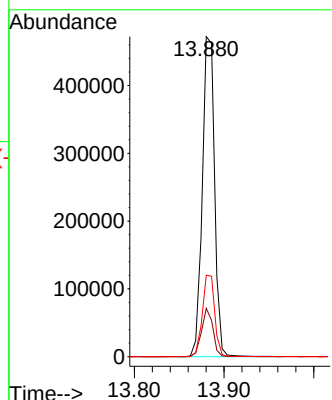
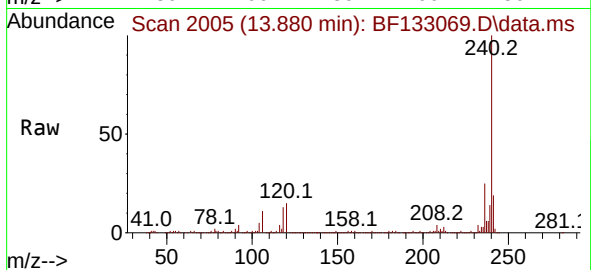
Tgt Ion:240 Resp: 449388

Ion Ratio Lower Upper

240 100

120 15.1 10.5 15.7

236 25.5 21.5 32.3



#77

Benzidine

Concen: 2.637 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.253 min

Lab File: BF133069.D

Acq: 26 Apr 2023 17:29

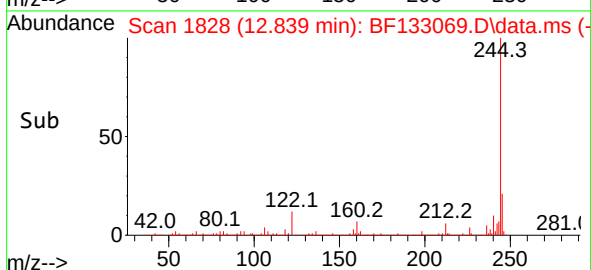
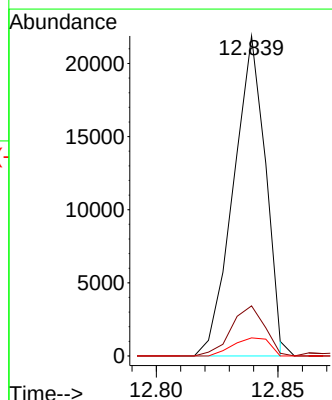
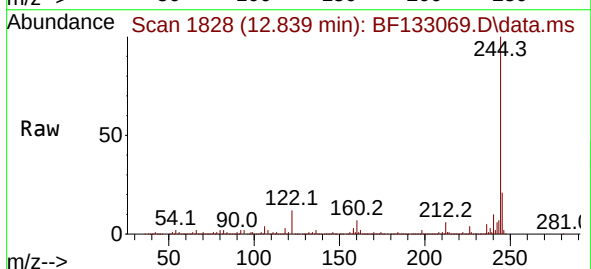
Tgt Ion:184 Resp: 20043

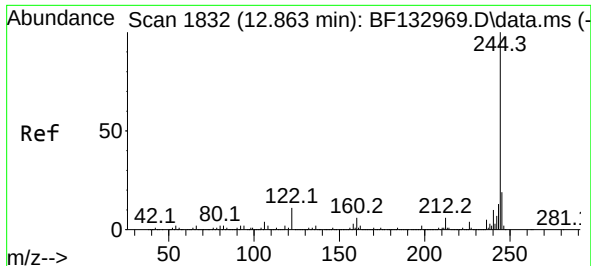
Ion Ratio Lower Upper

184 100

185 15.6 15.4 23.2

183 5.7 9.4 14.0#

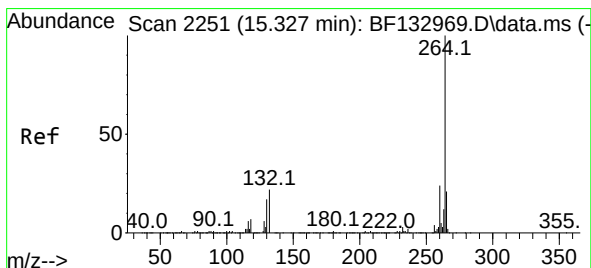
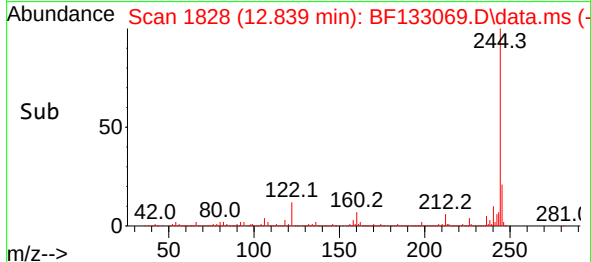
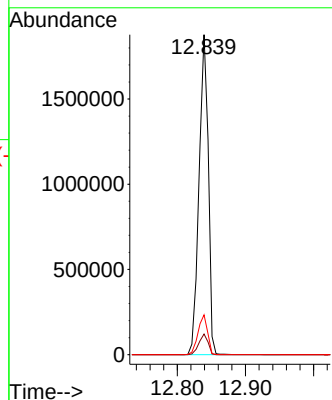
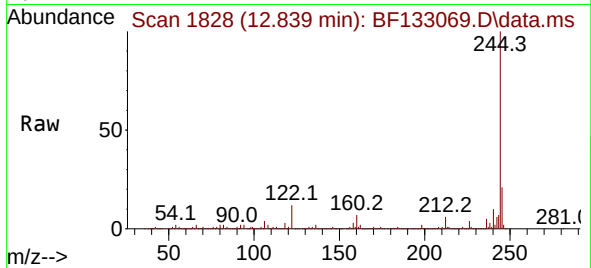




#79
 Terphenyl-d14
 Concen: 67.786 ng
 RT: 12.839 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133069.D
 Acq: 26 Apr 2023 17:29

Instrument :
 BNA_F
 ClientSampleId :
 20230324-COMP-2

Tgt Ion:244 Resp: 1766260
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 12.5 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF133069.D
 Acq: 26 Apr 2023 17:29

Tgt Ion:264 Resp: 355462
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.6 17.0 25.4

