

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134870.D
 Acq On : 21 Aug 2023 16:30
 Operator : CG\JU
 Sample : 04086-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

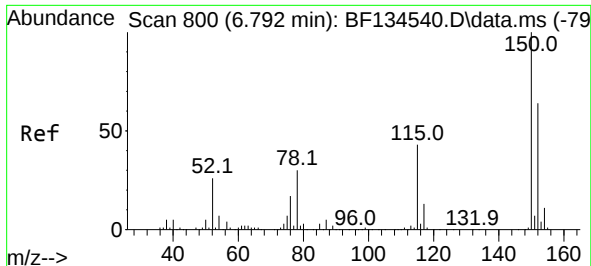
Instrument :
 BNA_F
 ClientSampleId :
 B-PP13A

Quant Time: Aug 22 03:20:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	163687	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	649897	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	298199	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	451897	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	340689	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	261258	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	797000	74.014	ng	0.00
7) Phenol-d6	6.434	99	1000661	72.696	ng	0.00
23) Nitrobenzene-d5	7.351	82	610708	58.724	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	223197	73.424	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1061896	59.209	ng	-0.02
79) Terphenyl-d14	12.910	244	902511	46.700	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.345	77	160	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.351	70	83201	10.095	ng	# 71
25) Isophorone	7.351	82	602890	26.579	ng	# 65
32) Benzoic acid	7.787	122	219	7.895	ng	# 34
48) 2-Nitroaniline	9.263	65	376	3.231	ng	# 8
50) Dimethylphthalate	9.828	163	62960	3.098	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	38485	11.257	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	38485	10.048	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.610	198	455	8.903	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	14437	2.918	ng	# 1
88) Benzo(b)fluoranthene	15.004	252	42061	2.640	ng	# 80
89) Benzo(k)fluoranthene	15.004	252	42061	2.650	ng	# 82

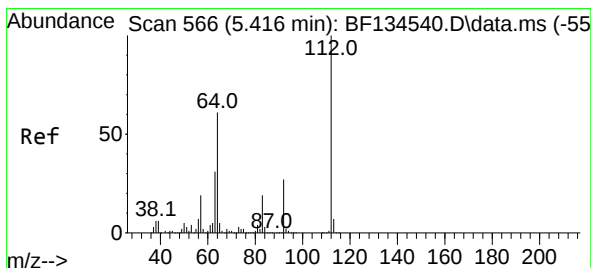
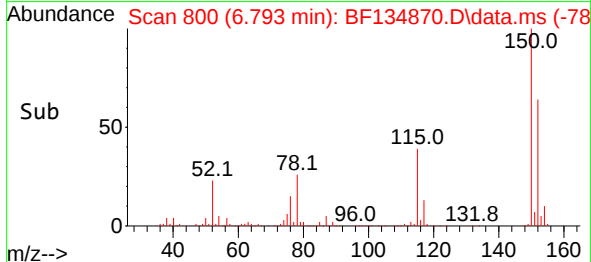
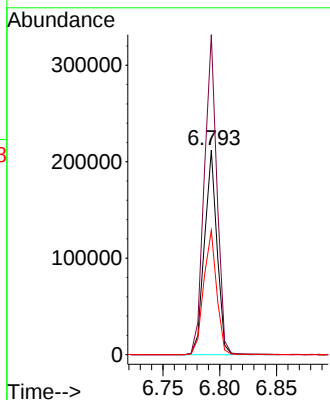
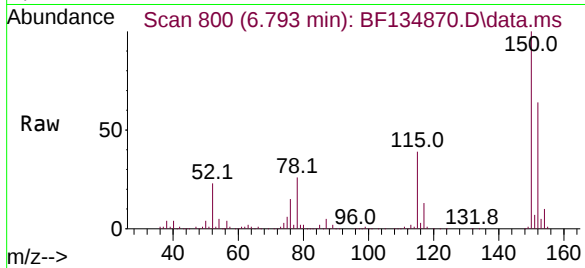
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.005 min
Lab File: BF134870.D
Acq: 21 Aug 2023 16:30

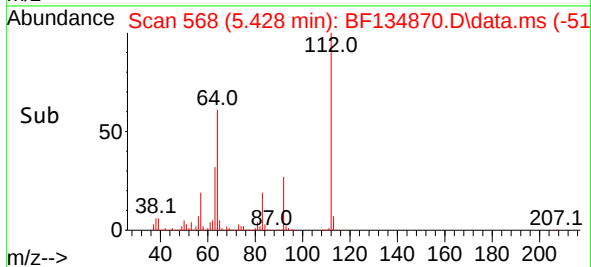
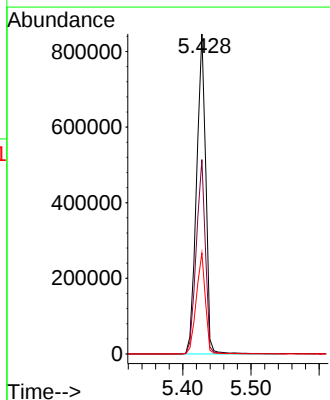
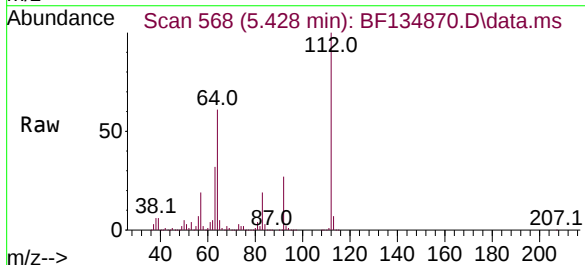
Instrument :
BNA_F
ClientSampleId :
B-PP13A

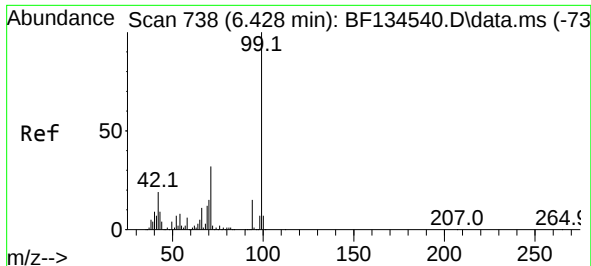
Tgt Ion:152 Resp: 163687
Ion Ratio Lower Upper
152 100
150 156.6 128.3 192.5
115 60.7 52.4 78.6



#5
2-Fluorophenol
Concen: 74.014 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134870.D
Acq: 21 Aug 2023 16:30

Tgt Ion:112 Resp: 797000
Ion Ratio Lower Upper
112 100
64 60.7 44.9 67.3
63 31.5 25.4 38.0



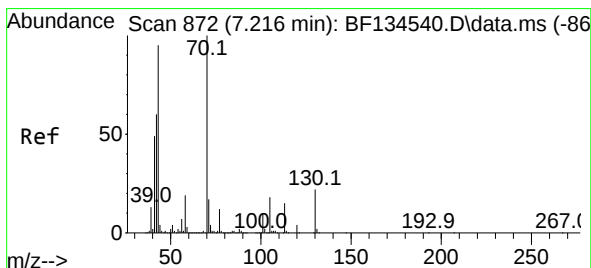
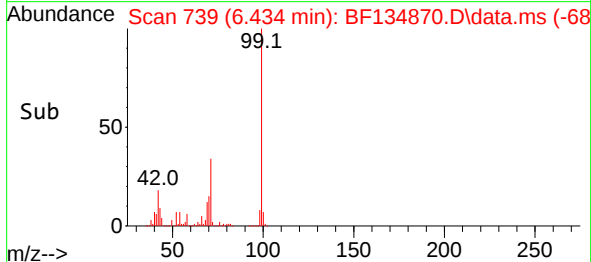
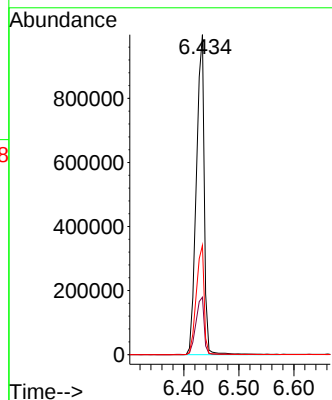
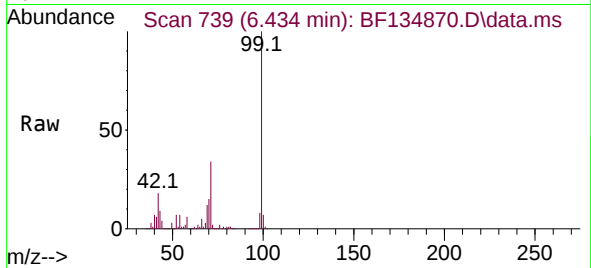


#7
Phenol-d6
Concen: 72.696 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF134870.D
Acq: 21 Aug 2023 16:30

Instrument :
BNA_F
ClientSampleId :
B-PP13A

Tgt Ion: 99 Resp: 1000661

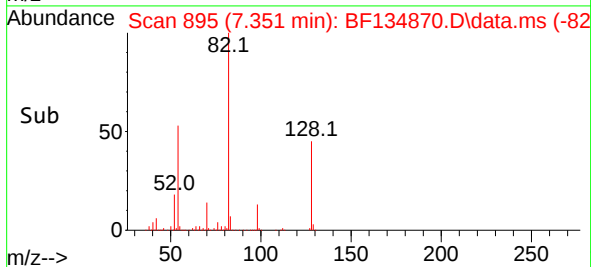
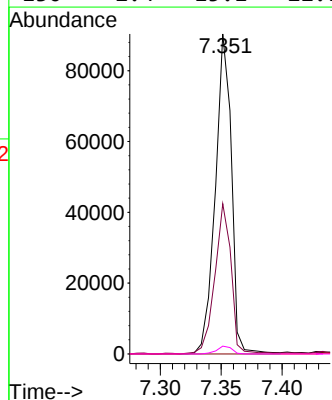
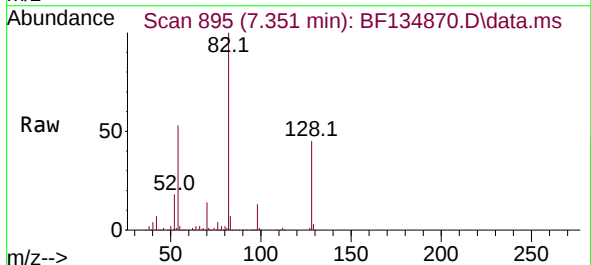
Ion	Ratio	Lower	Upper
99	100		
42	18.0	18.7	28.1#
71	34.1	36.4	54.6#

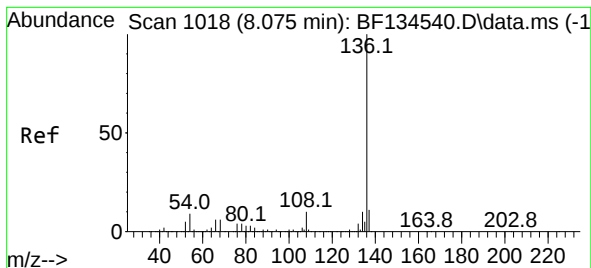


#19
n-Nitroso-di-n-propylamine
Concen: 10.095 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF134870.D
Acq: 21 Aug 2023 16:30

Tgt Ion: 70 Resp: 83201

Ion	Ratio	Lower	Upper
70	100		
42	46.9	54.7	82.1#
101	0.0	8.2	12.2#
130	2.4	15.1	22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF134870.D

Acq: 21 Aug 2023 16:30

Instrument :

BNA_F

ClientSampleId :

B-PP13A

Tgt Ion:136 Resp: 649897

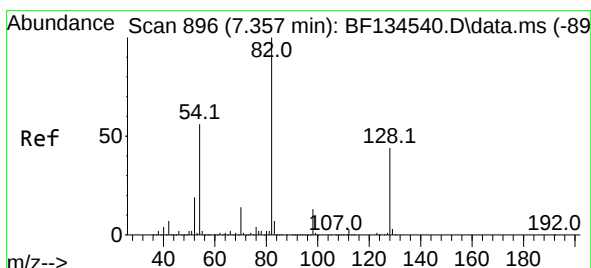
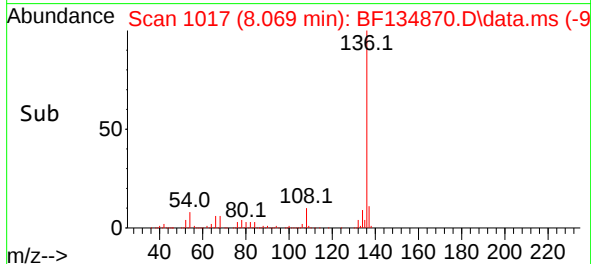
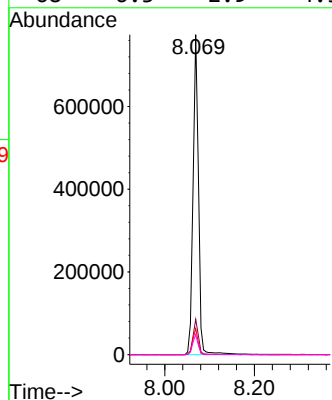
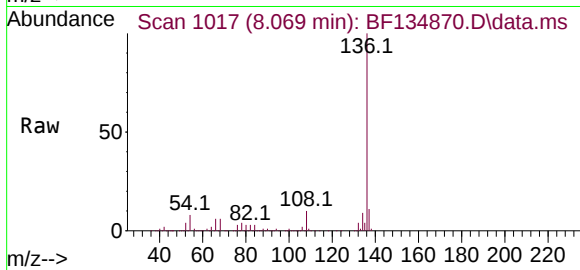
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 8.1 5.2 7.8#

68 6.3 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 58.724 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF134870.D

Acq: 21 Aug 2023 16:30

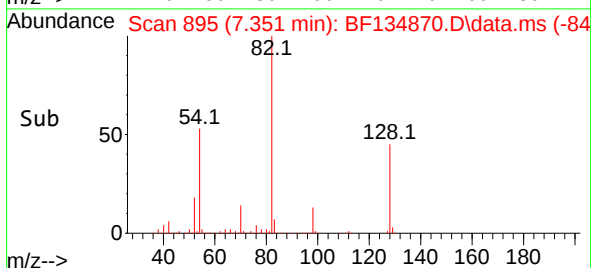
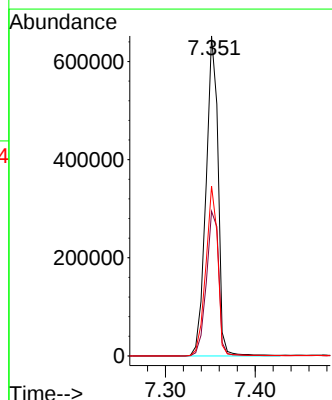
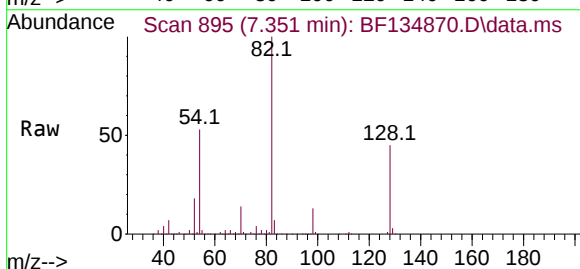
Tgt Ion: 82 Resp: 610708

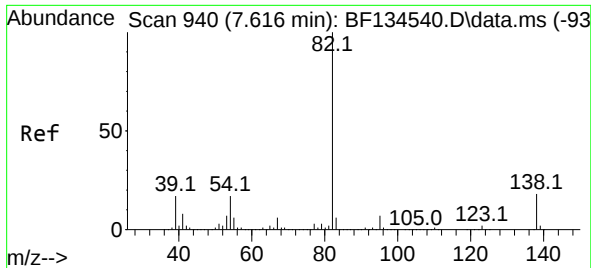
Ion Ratio Lower Upper

82 100

128 45.2 34.3 51.5

54 53.1 43.8 65.6





#25

Isophorone

Concen: 26.579 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.276 min

Lab File: BF134870.D

Acq: 21 Aug 2023 16:30

Instrument :

BNA_F

ClientSampleId :

B-PP13A

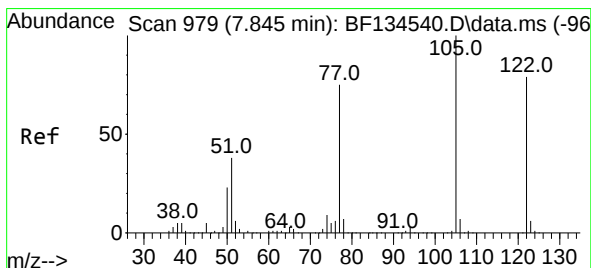
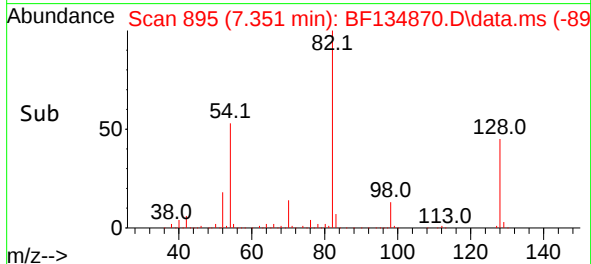
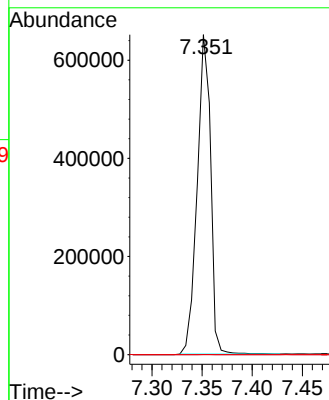
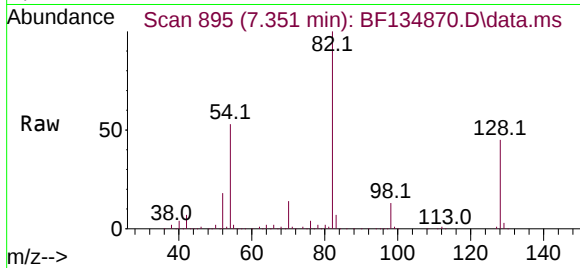
Tgt Ion: 82 Resp: 602890

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 14.6 22.0#



#32

Benzoic acid

Concen: 7.895 ng

RT: 7.787 min Scan# 969

Delta R.T. -0.076 min

Lab File: BF134870.D

Acq: 21 Aug 2023 16:30

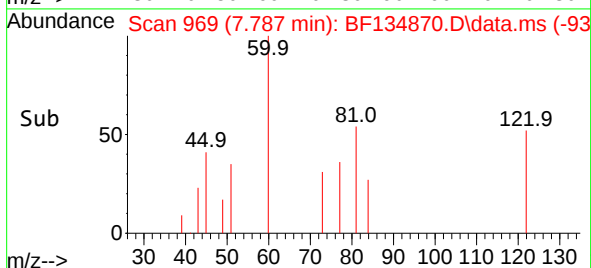
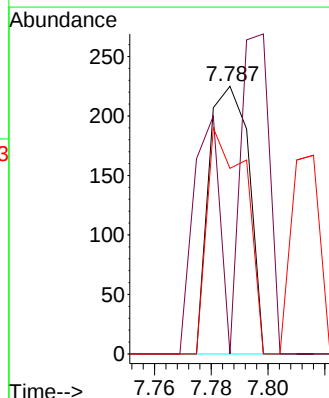
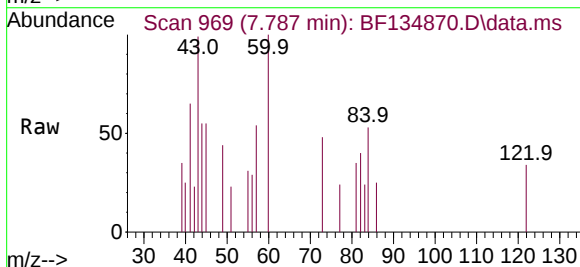
Tgt Ion: 122 Resp: 219

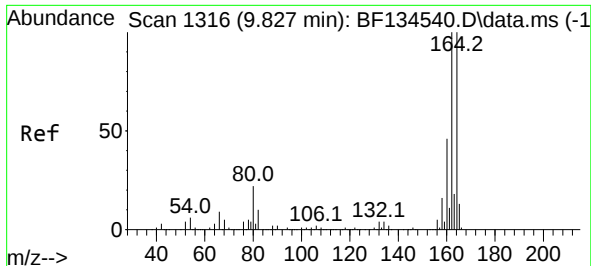
Ion Ratio Lower Upper

122 100

105 0.0 87.5 127.5#

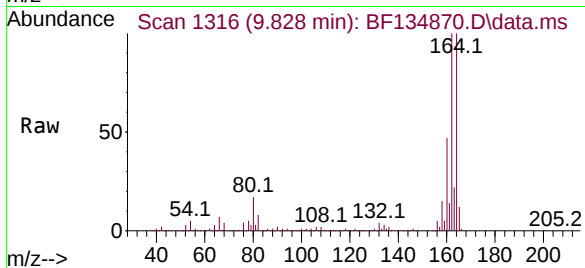
77 69.3 71.4 111.4#



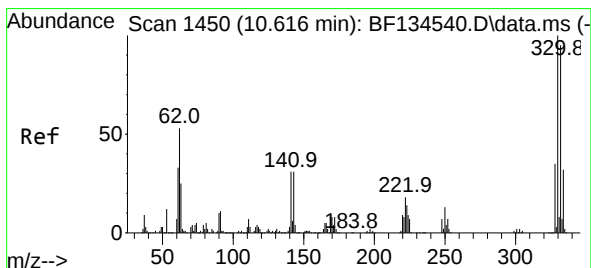
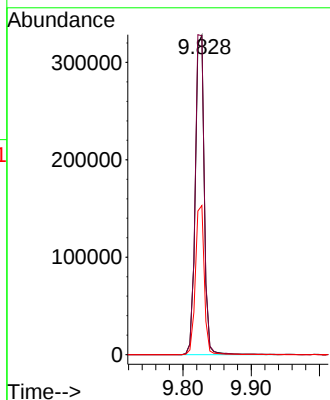
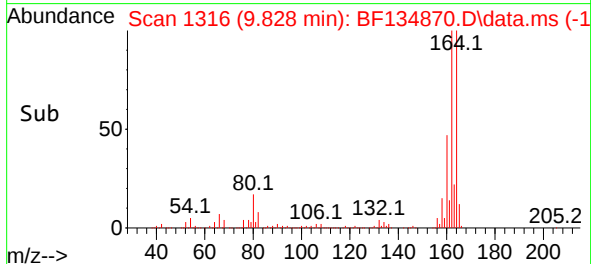


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134870.D
Acq: 21 Aug 2023 16:30

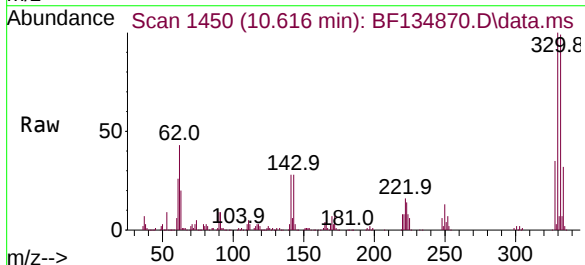
Instrument :
BNA_F
ClientSampleId :
B-PP13A



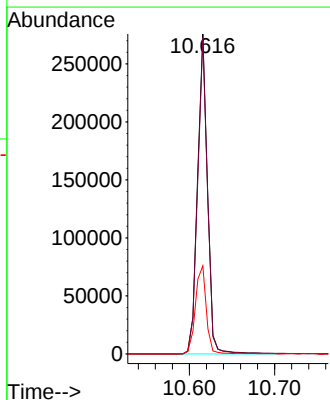
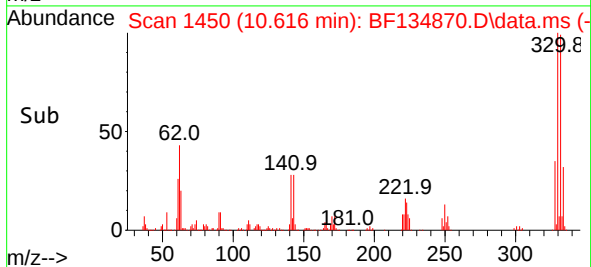
Tgt Ion:164 Resp: 298199
Ion Ratio Lower Upper
164 100
162 99.8 82.6 123.8
160 46.7 37.2 55.8

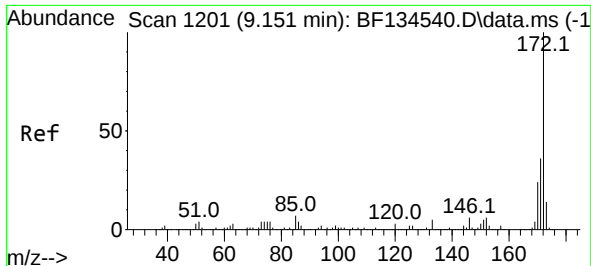


#42
2,4,6-Tribromophenol
Concen: 73.424 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134870.D
Acq: 21 Aug 2023 16:30



Tgt Ion:330 Resp: 223197
Ion Ratio Lower Upper
330 100
332 97.8 78.8 118.2
141 29.9 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 59.209 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF134870.D

Acq: 21 Aug 2023 16:30

Instrument :

BNA_F

ClientSampleId :

B-PP13A

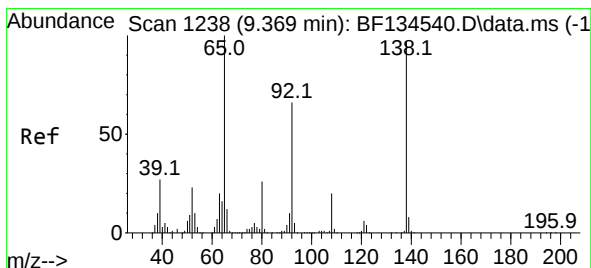
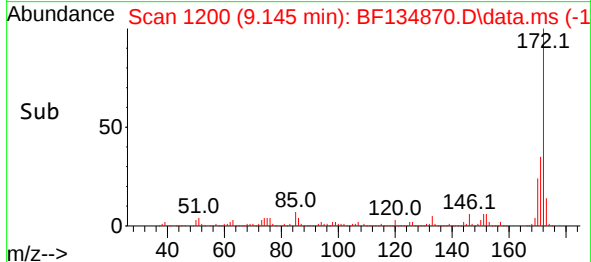
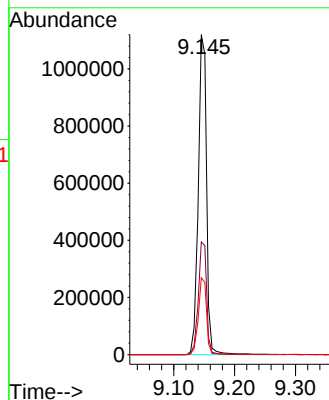
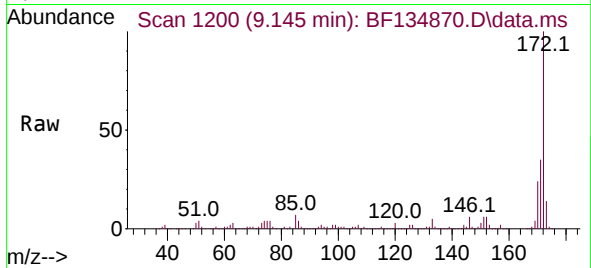
Tgt Ion:172 Resp: 1061896

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 24.0 18.7 28.1



#48

2-Nitroaniline

Concen: 3.231 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.118 min

Lab File: BF134870.D

Acq: 21 Aug 2023 16:30

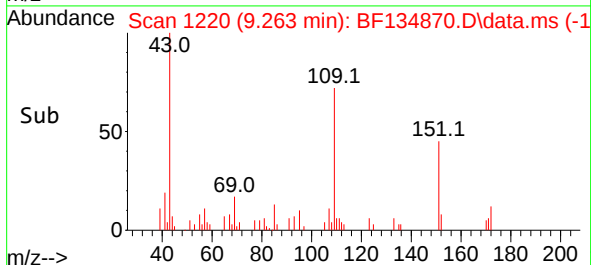
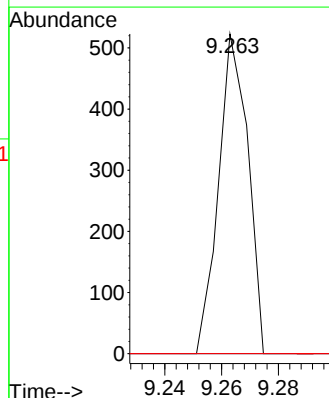
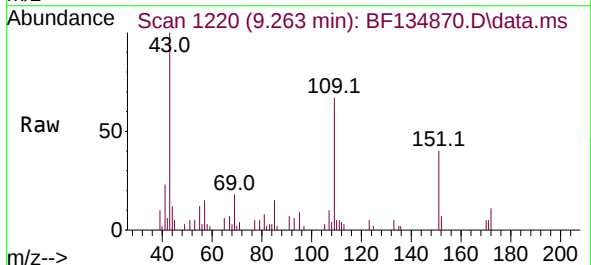
Tgt Ion: 65 Resp: 376

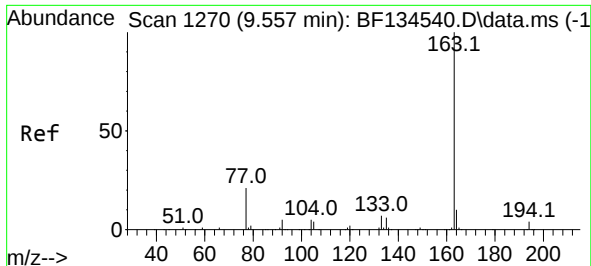
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

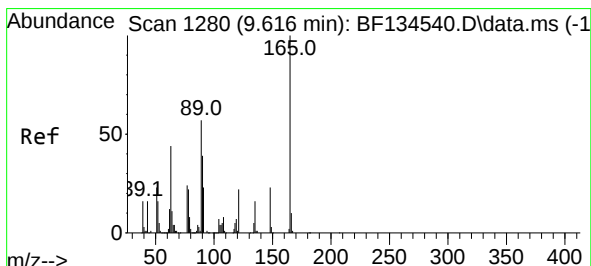
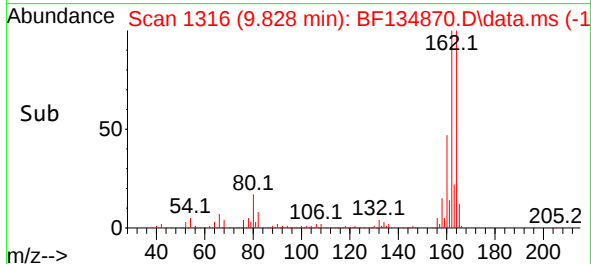
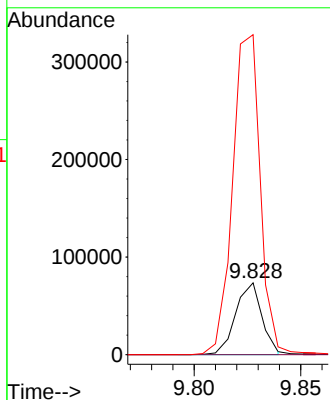
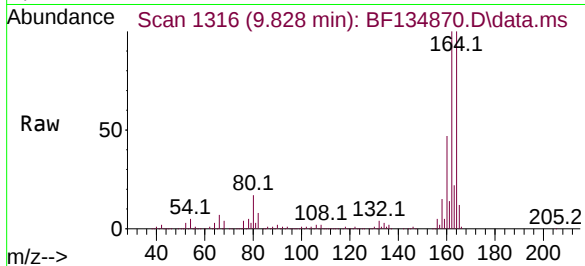




#50
Dimethylphthalate
Concen: 3.098 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF134870.D
Acq: 21 Aug 2023 16:30

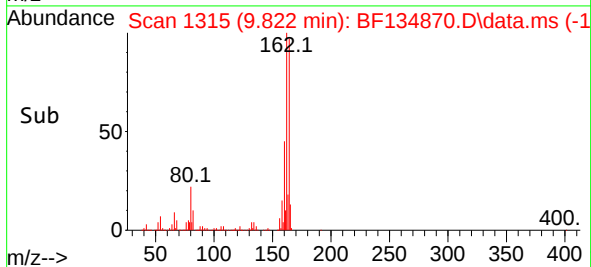
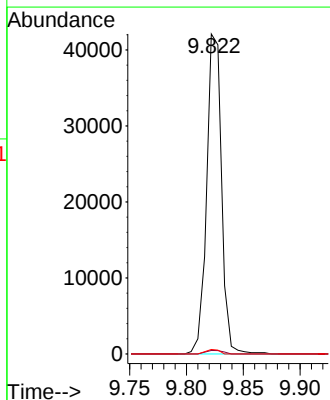
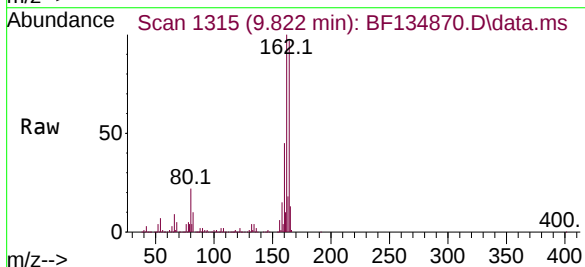
Instrument :
BNA_F
ClientSampleId :
B-PP13A

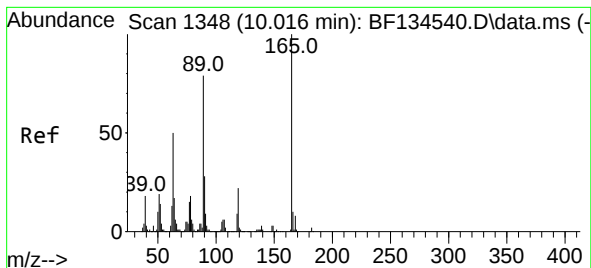
Tgt Ion:163 Resp: 62960
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 445.9 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.257 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.194 min
Lab File: BF134870.D
Acq: 21 Aug 2023 16:30

Tgt Ion:165 Resp: 38485
Ion Ratio Lower Upper
165 100
63 1.1 57.8 86.6#
89 1.4 51.8 77.8#

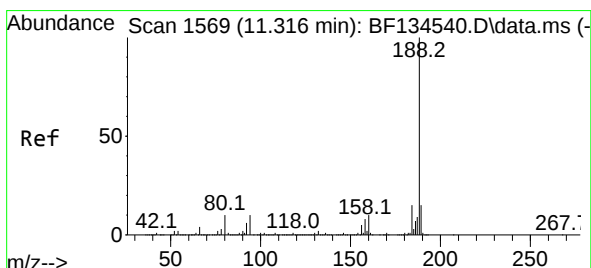
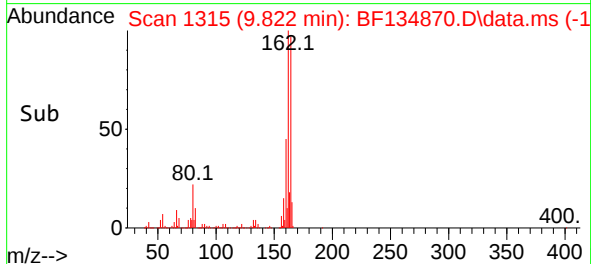
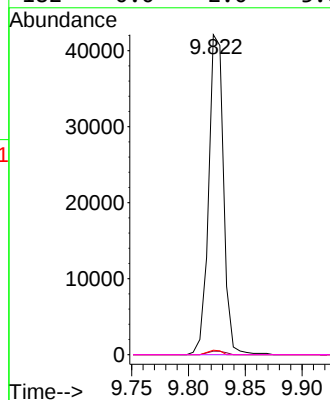
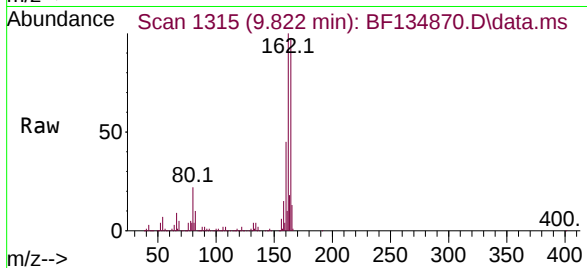




#57
2,4-Dinitrotoluene
Concen: 10.048 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF134870.D
Acq: 21 Aug 2023 16:30

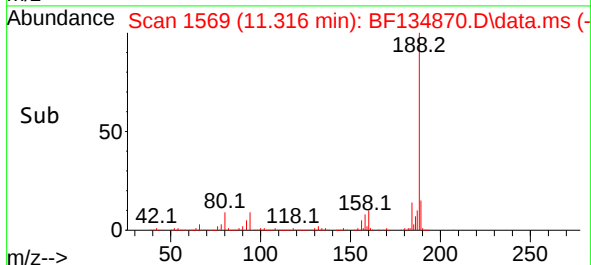
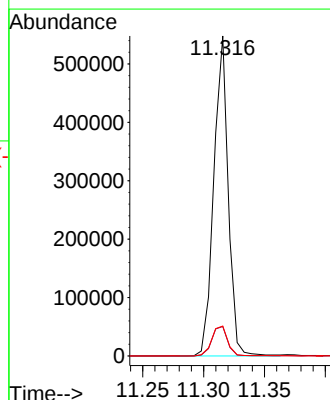
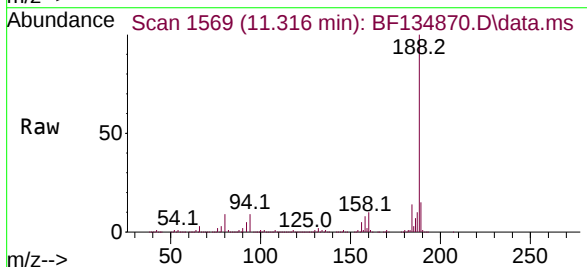
Instrument :
BNA_F
ClientSampleId :
B-PP13A

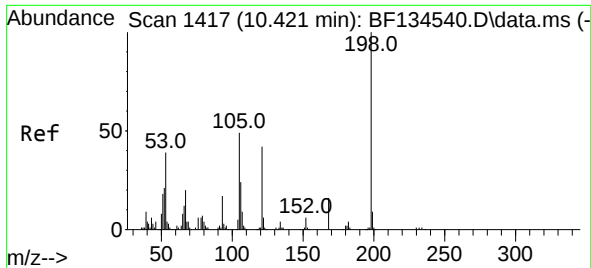
Tgt Ion:165 Resp: 38485
Ion Ratio Lower Upper
165 100
63 1.1 48.9 73.3#
89 1.4 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134870.D
Acq: 21 Aug 2023 16:30

Tgt Ion:188 Resp: 451897
Ion Ratio Lower Upper
188 100
94 9.2 5.1 7.7#
80 9.3 6.6 9.8

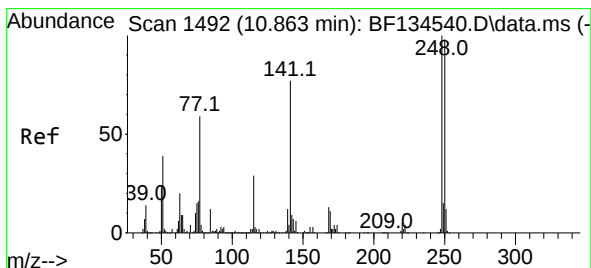
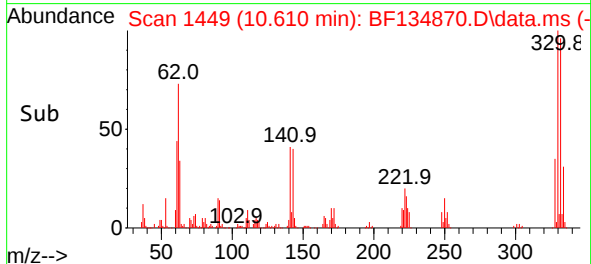
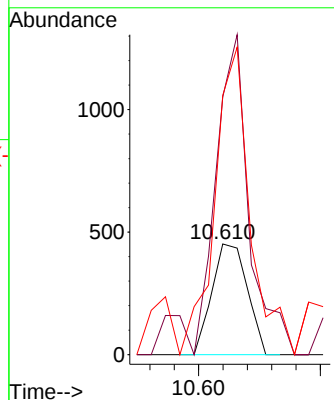
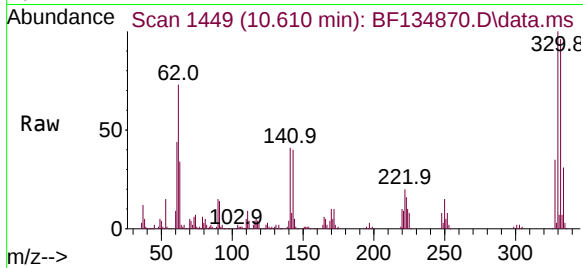




#65
4,6-Dinitro-2-methylphenol
Concen: 8.903 ng
RT: 10.610 min Scan# 1417
Delta R.T. 0.171 min
Lab File: BF134870.D
Acq: 21 Aug 2023 16:30

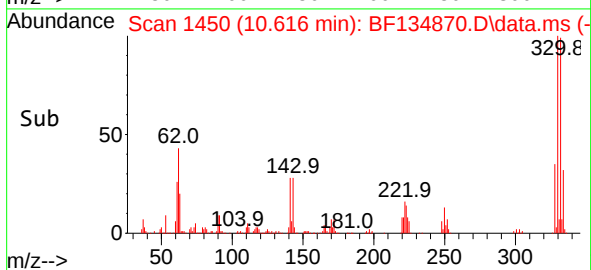
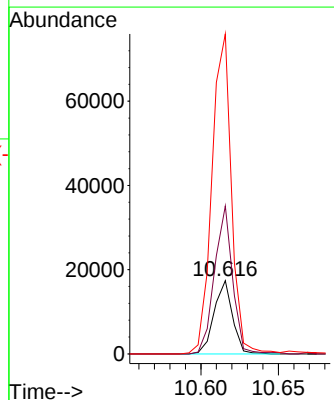
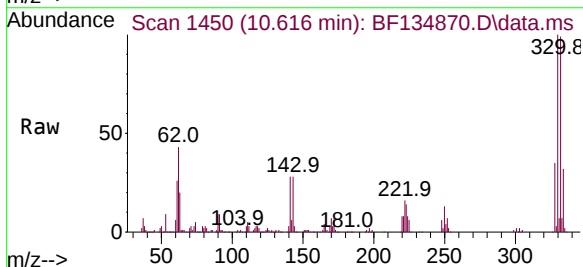
Instrument :
BNA_F
ClientSampleId :
B-PP13A

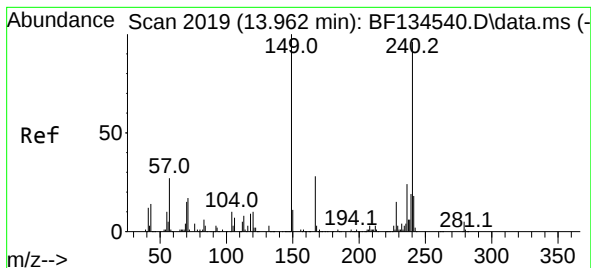
Tgt Ion:198 Resp: 455
Ion Ratio Lower Upper
198 100
51 232.5 38.6 78.6#
105 234.1 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.918 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF134870.D
Acq: 21 Aug 2023 16:30

Tgt Ion:248 Resp: 14437
Ion Ratio Lower Upper
248 100
250 202.1 79.6 119.4#
141 436.9 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF134870.D

Acq: 21 Aug 2023 16:30

Instrument :

BNA_F

ClientSampleId :

B-PP13A

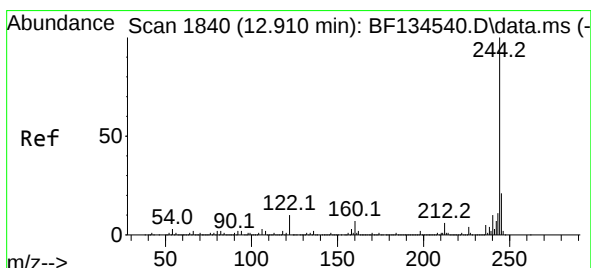
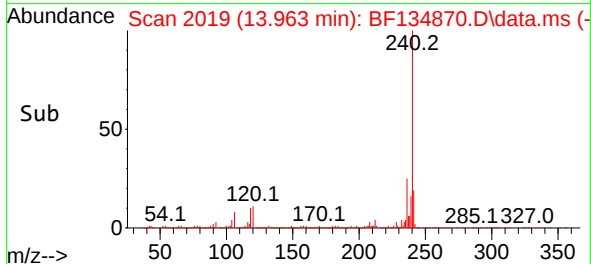
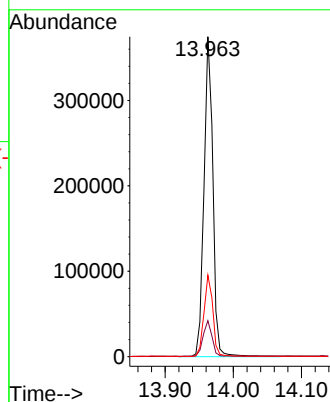
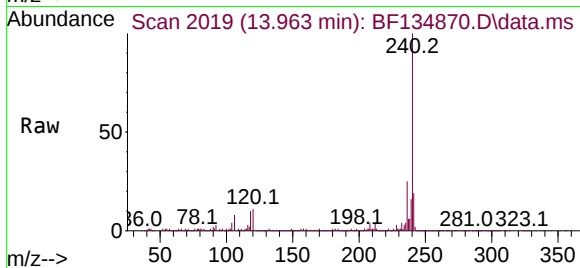
Tgt Ion:240 Resp: 340689

Ion Ratio Lower Upper

240 100

120 11.2 6.6 10.0#

236 25.4 20.2 30.2



#79

Terphenyl-d14

Concen: 46.700 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF134870.D

Acq: 21 Aug 2023 16:30

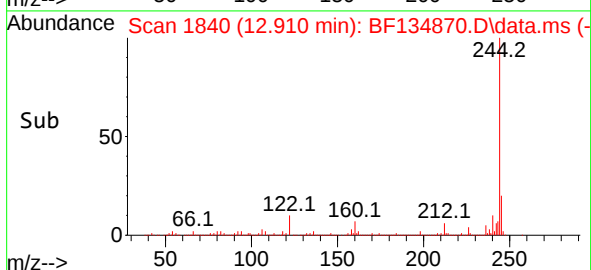
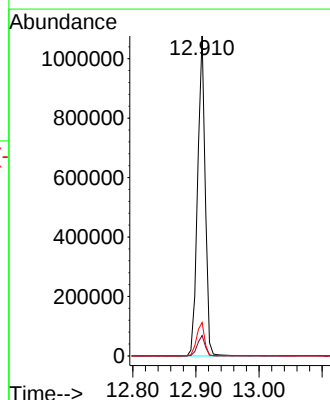
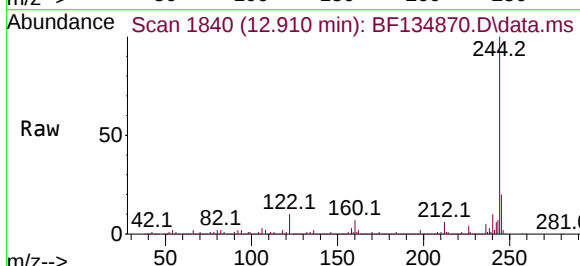
Tgt Ion:244 Resp: 902511

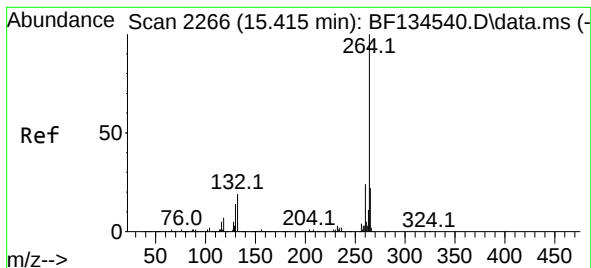
Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 10.4 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF134870.D

Acq: 21 Aug 2023 16:30

Instrument :

BNA_F

ClientSampleId :

B-PP13A

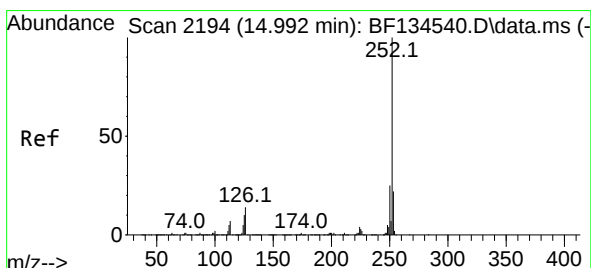
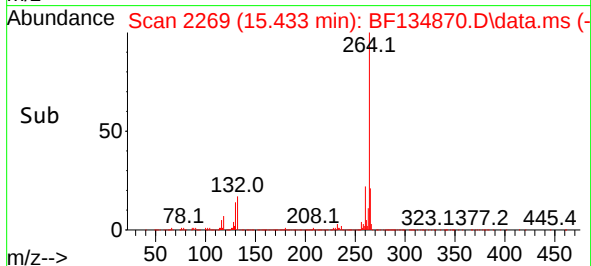
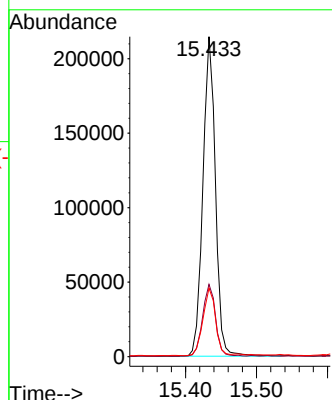
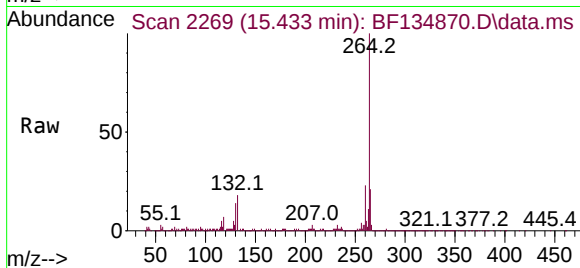
Tgt Ion:264 Resp: 261258

Ion Ratio Lower Upper

264 100

260 22.6 18.4 27.6

265 21.4 15.8 23.8



#88

Benzo(b)fluoranthene

Concen: 2.640 ng

RT: 15.004 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF134870.D

Acq: 21 Aug 2023 16:30

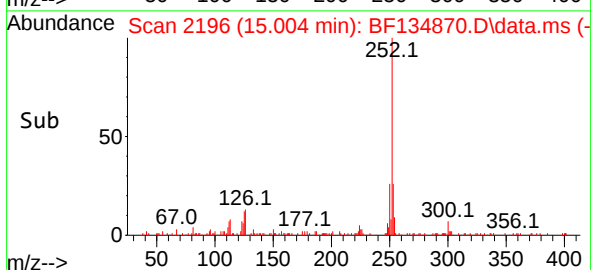
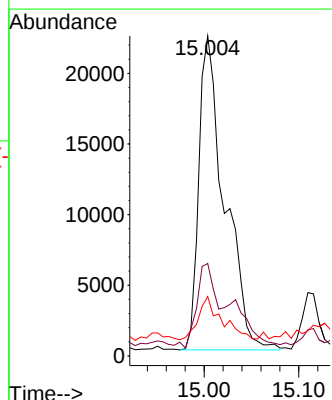
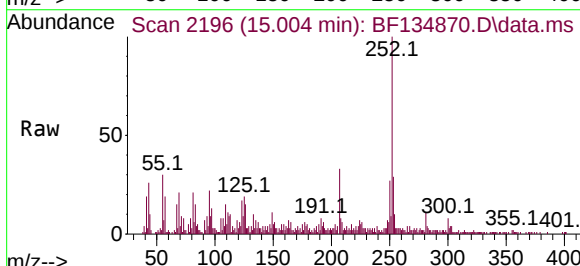
Tgt Ion:252 Resp: 42061

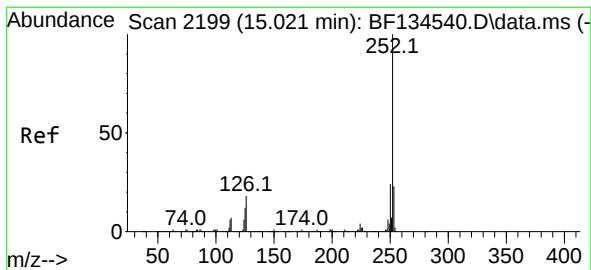
Ion Ratio Lower Upper

252 100

253 28.9 17.3 25.9#

125 18.5 6.0 9.0#





#89

Benzo(k)fluoranthene

Concen: 2.650 ng

RT: 15.004 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF134870.D

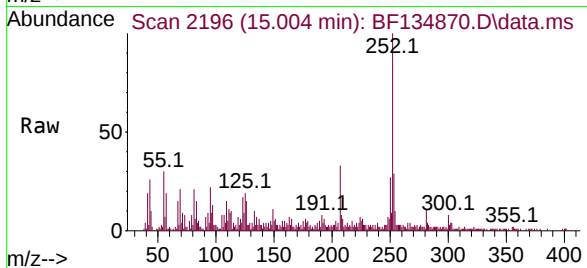
Acq: 21 Aug 2023 16:30

Instrument :

BNA_F

ClientSampleId :

B-PP13A



Tgt Ion:252 Resp: 42061

Ion Ratio Lower Upper

252 100

253 28.9 17.9 26.9#

125 18.5 6.3 9.5#

