

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134863.D
 Acq On : 21 Aug 2023 12:40
 Operator : CG\JU
 Sample : 04086-20
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP10B

Quant Time: Aug 21 12:58:08 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)

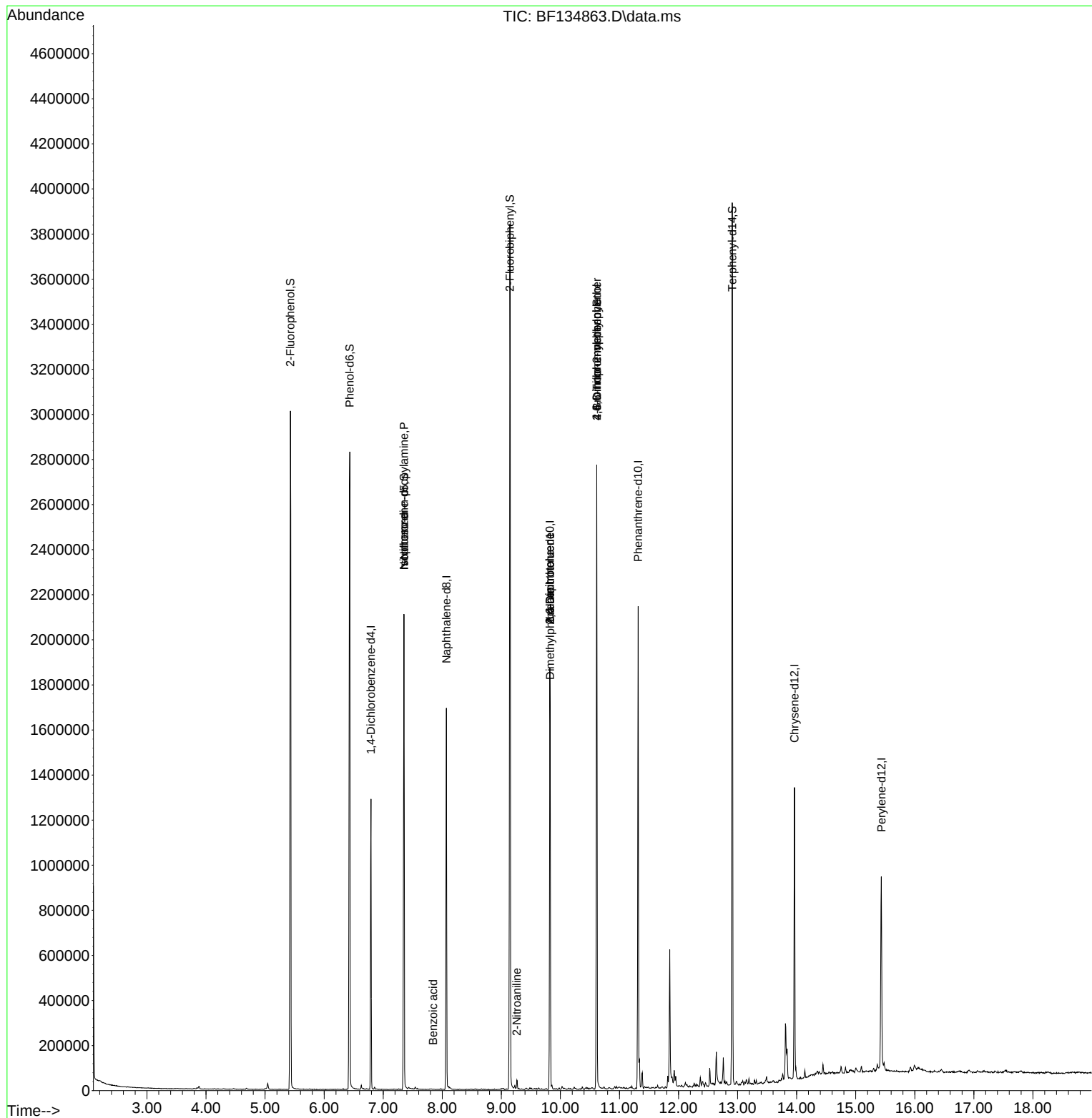
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	178440	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	735721	20.000	ng	#-0.01
39) Acenaphthene-d10	9.822	164	397589	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	727895	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	420416	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	397854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	865814	73.757	ng	0.00
7) Phenol-d6	6.434	99	1100439	73.335	ng	0.00
23) Nitrobenzene-d5	7.351	82	683975	58.097	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	348876	86.078	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1319888	55.197	ng	-0.02
79) Terphenyl-d14	12.910	244	1406387	58.972	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.346	77	258	Below Cal	#	39
19) n-Nitroso-di-n-propyla...	7.351	70	92847	10.334	ng	# 72
25) Isophorone	7.351	82	676599	26.349	ng	# 65
32) Benzoic acid	7.845	122	54	7.873	ng	# 39
48) 2-Nitroaniline	9.263	65	410	3.219	ng	# 8
50) Dimethylphthalate	9.828	163	83087	3.066	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	51692	11.322	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	51692	10.101	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.616	198	842	8.933	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	22936	2.878	ng	# 1

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

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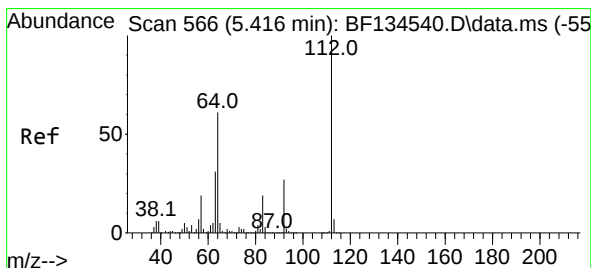
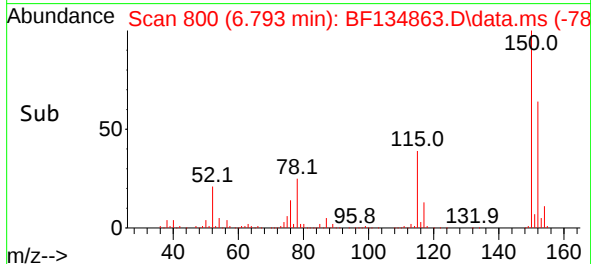
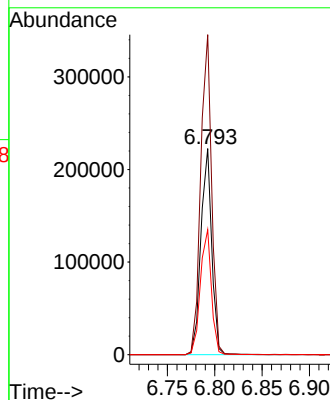
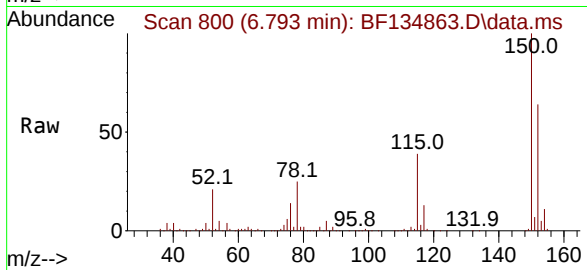




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.005 min
Lab File: BF134863.D
Acq: 21 Aug 2023 12:40

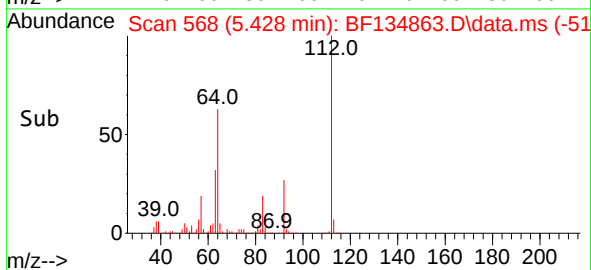
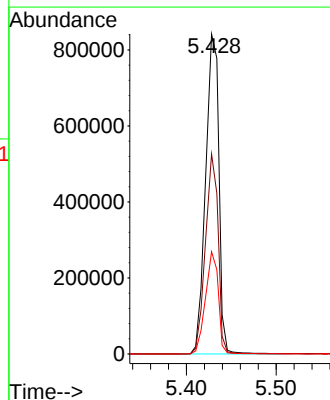
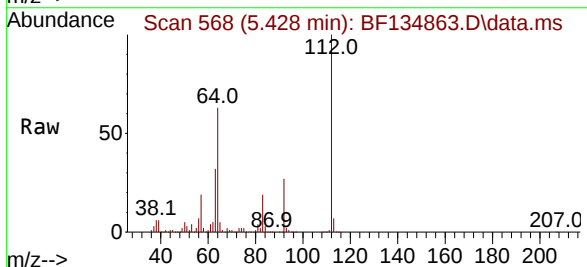
Instrument :
BNA_F
ClientSampleId :
B-PP10B

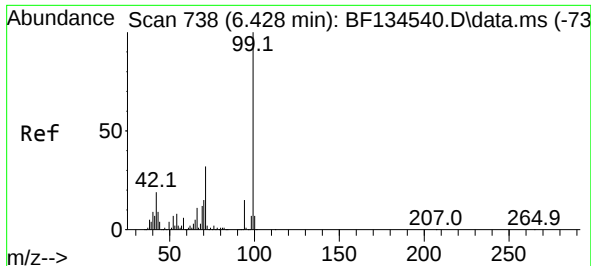
Tgt Ion:152 Resp: 178440
Ion Ratio Lower Upper
152 100
150 155.2 128.3 192.5
115 60.6 52.4 78.6



#5
2-Fluorophenol
Concen: 73.757 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134863.D
Acq: 21 Aug 2023 12:40

Tgt Ion:112 Resp: 865814
Ion Ratio Lower Upper
112 100
64 62.5 44.9 67.3
63 31.9 25.4 38.0

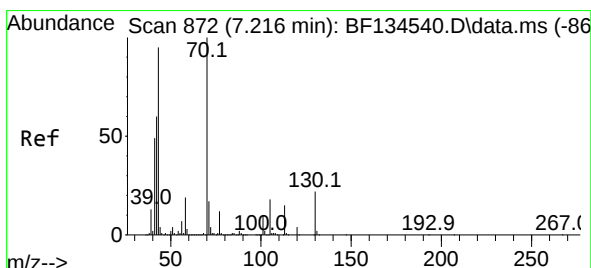
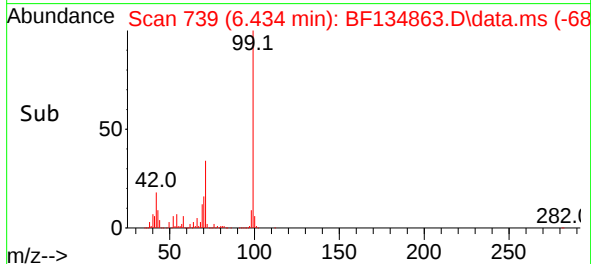
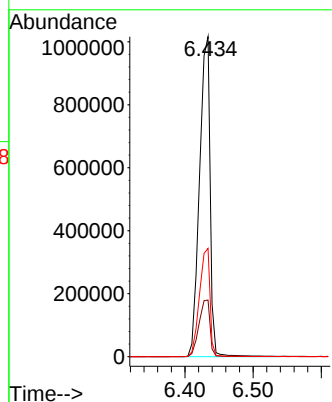
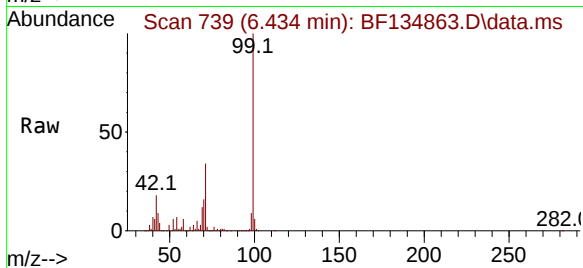




#7
Phenol-d6
Concen: 73.335 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134863.D
Acq: 21 Aug 2023 12:40

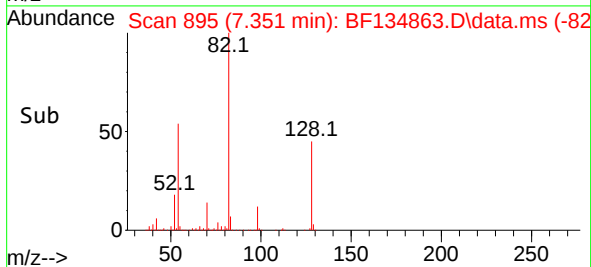
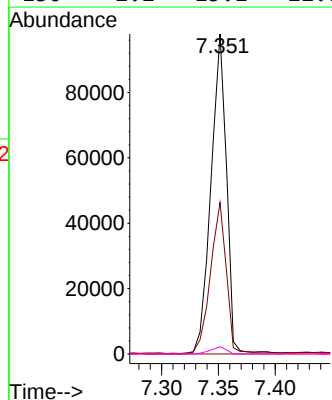
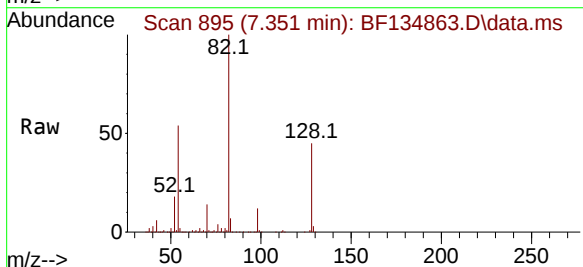
Instrument :
BNA_F
ClientSampleId :
B-PP10B

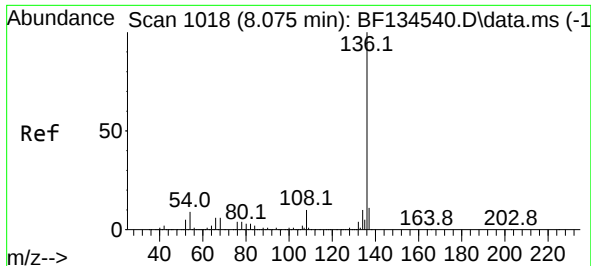
Tgt Ion: 99 Resp: 1100439
Ion Ratio Lower Upper
99 100
42 17.7 18.7 28.1#
71 33.9 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 10.334 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF134863.D
Acq: 21 Aug 2023 12:40

Tgt Ion: 70 Resp: 92847
Ion Ratio Lower Upper
70 100
42 47.3 54.7 82.1#
101 0.0 8.2 12.2#
130 2.2 15.1 22.7#

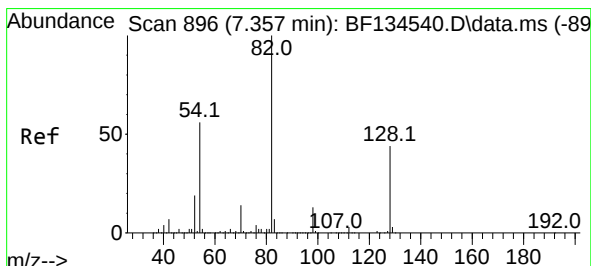
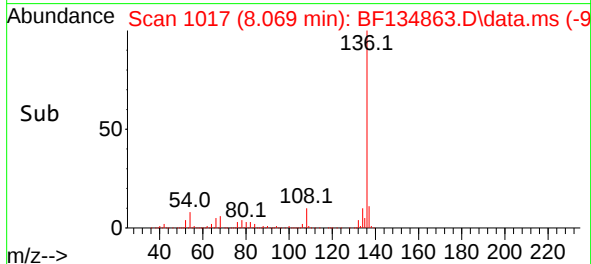
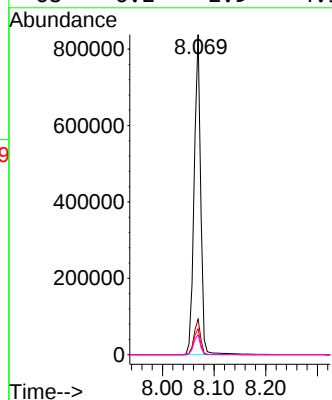
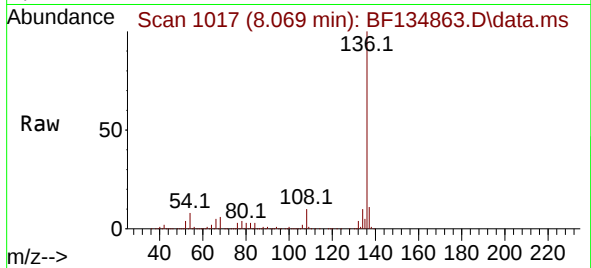




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF134863.D
Acq: 21 Aug 2023 12:40

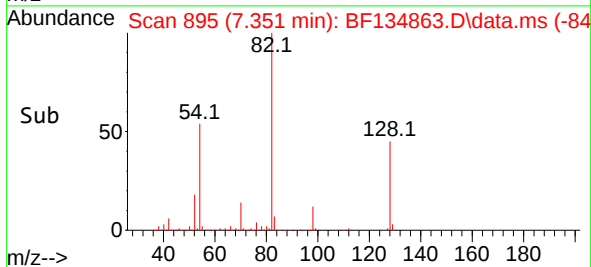
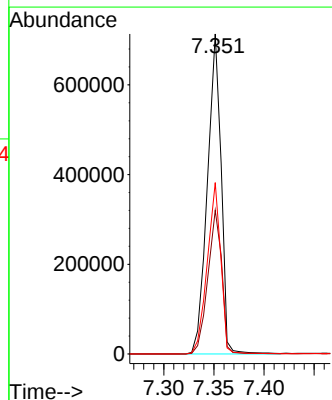
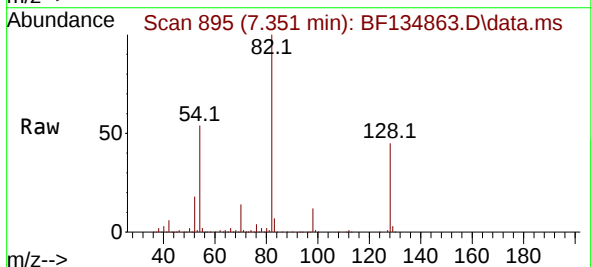
Instrument :
BNA_F
ClientSampleId :
B-PP10B

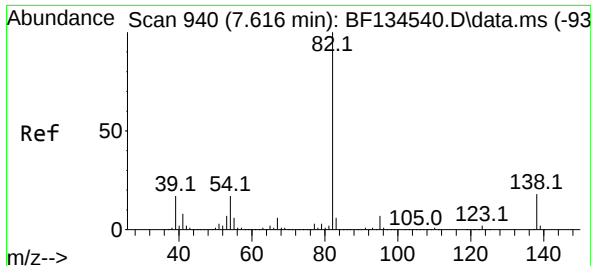
Tgt Ion:136 Resp: 735721
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.1 5.2 7.8#
68 6.2 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 58.097 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF134863.D
Acq: 21 Aug 2023 12:40

Tgt Ion: 82 Resp: 683975
Ion Ratio Lower Upper
82 100
128 44.9 34.3 51.5
54 53.5 43.8 65.6

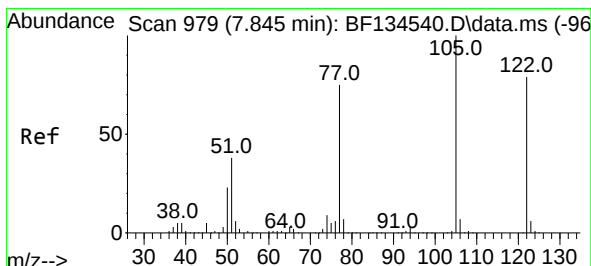
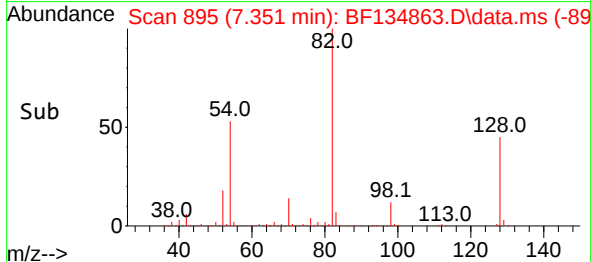
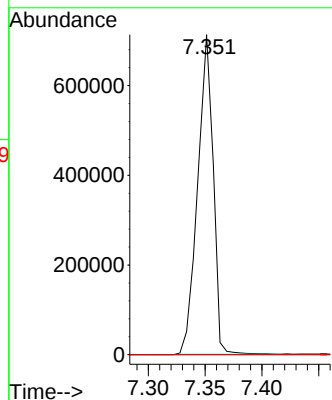
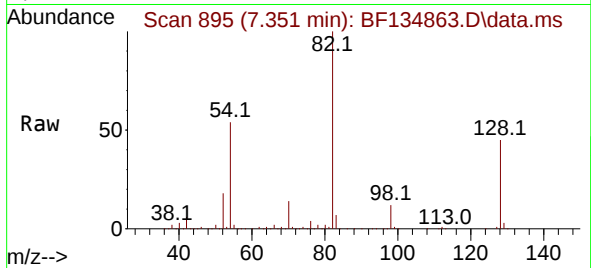




#25
Isophorone
Concen: 26.349 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF134863.D
Acq: 21 Aug 2023 12:40

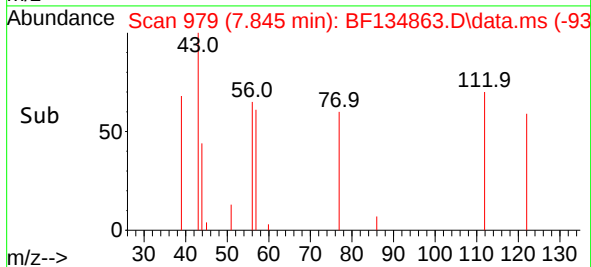
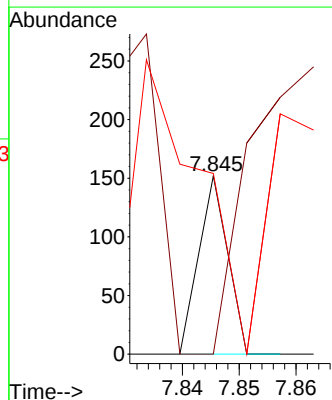
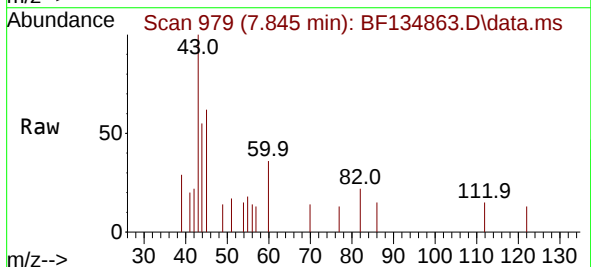
Instrument :
BNA_F
ClientSampleId :
B-PP10B

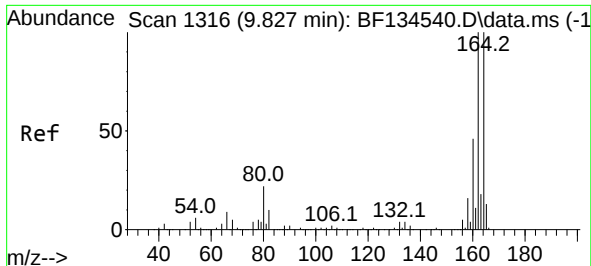
Tgt Ion: 82 Resp: 676599
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.873 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.017 min
Lab File: BF134863.D
Acq: 21 Aug 2023 12:40

Tgt Ion: 122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 87.5 127.5#
77 101.3 71.4 111.4

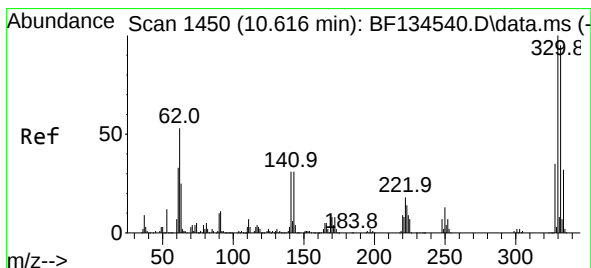
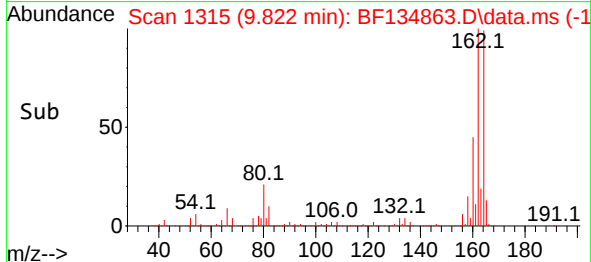
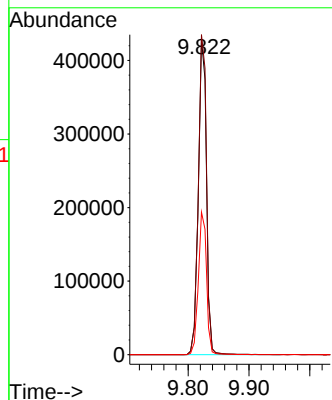
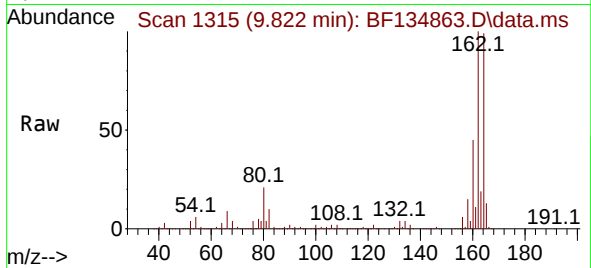




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134863.D
Acq: 21 Aug 2023 12:40

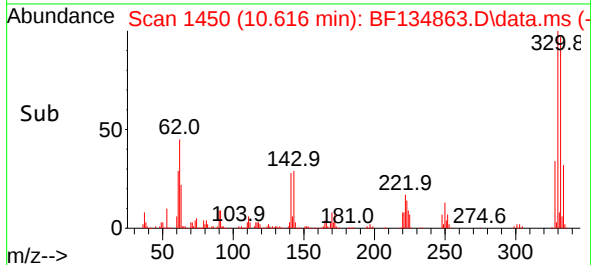
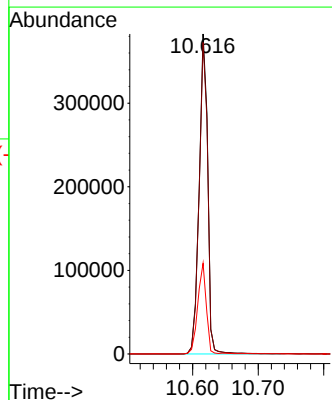
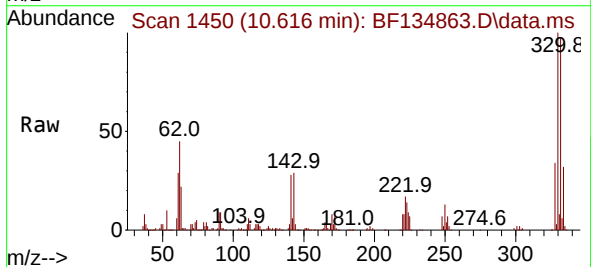
Instrument :
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ClientSampleId :
B-PP10B

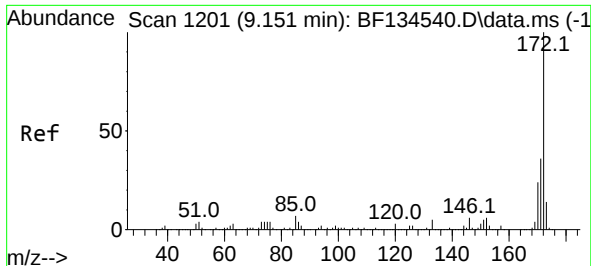
Tgt Ion:164 Resp: 397589
Ion Ratio Lower Upper
164 100
162 101.3 82.6 123.8
160 45.1 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 86.078 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134863.D
Acq: 21 Aug 2023 12:40

Tgt Ion:330 Resp: 348876
Ion Ratio Lower Upper
330 100
332 97.9 78.8 118.2
141 28.6 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 55.197 ng

RT: 9.145 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF134863.D

Acq: 21 Aug 2023 12:40

Instrument :

BNA_F

ClientSampleId :

B-PP10B

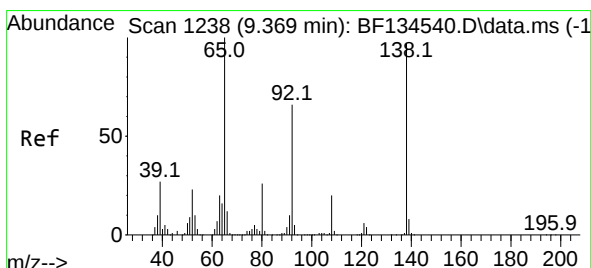
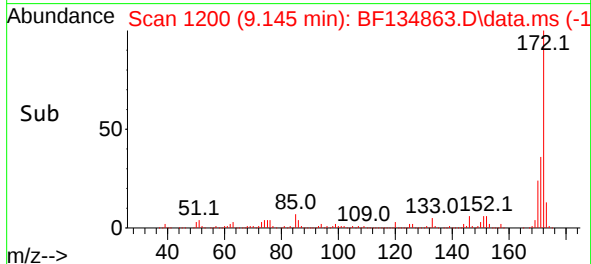
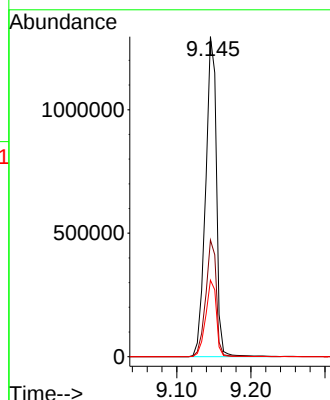
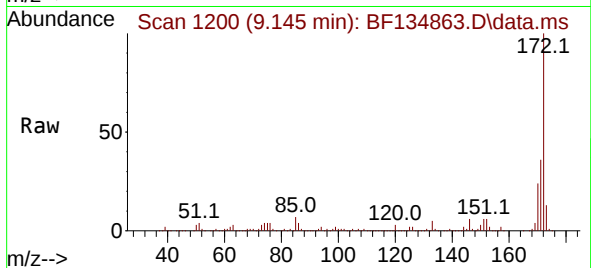
Tgt Ion:172 Resp: 1319888

Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 23.9 18.7 28.1



#48

2-Nitroaniline

Concen: 3.219 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.117 min

Lab File: BF134863.D

Acq: 21 Aug 2023 12:40

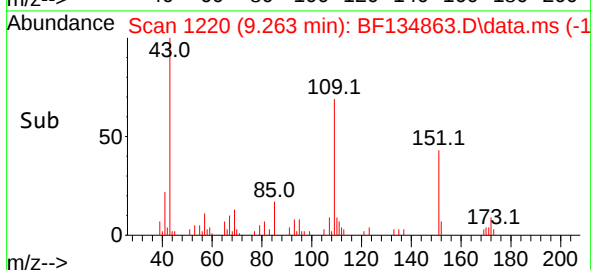
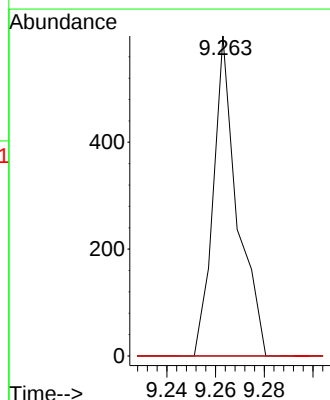
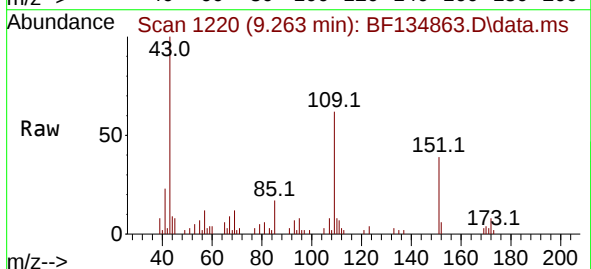
Tgt Ion: 65 Resp: 410

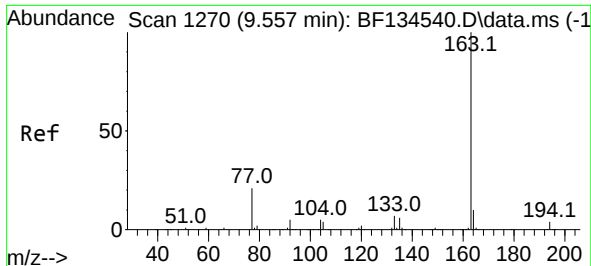
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

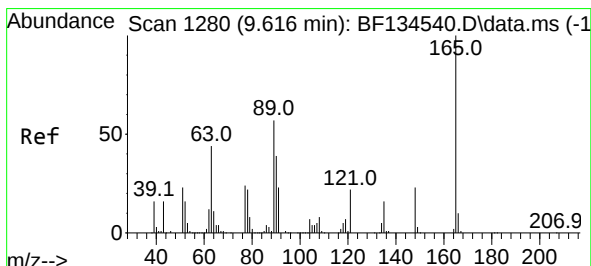
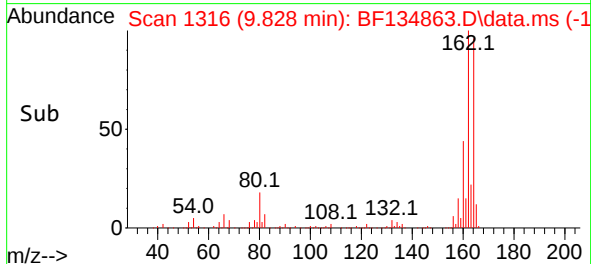
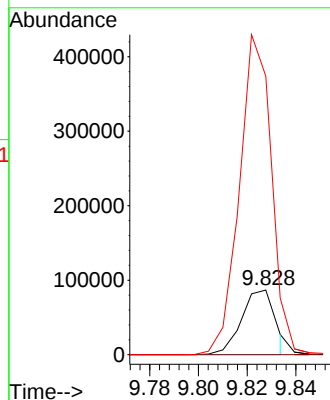
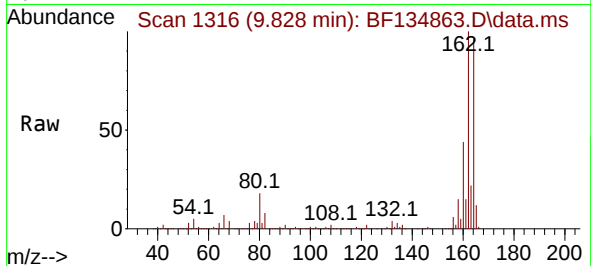




#50
Dimethylphthalate
Concen: 3.066 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF134863.D
Acq: 21 Aug 2023 12:40

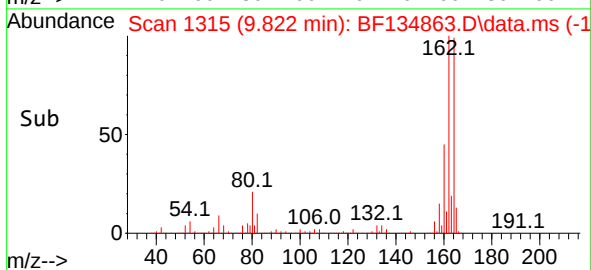
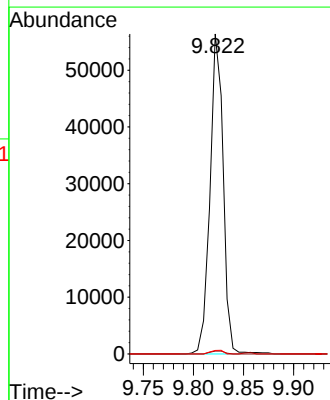
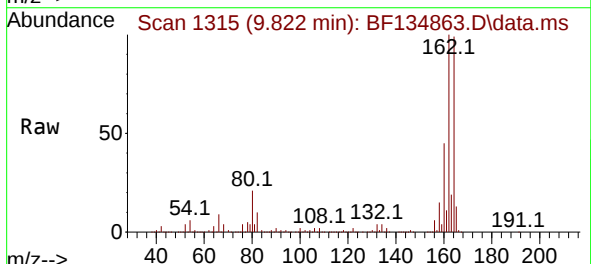
Instrument :
BNA_F
ClientSampleId :
B-PP10B

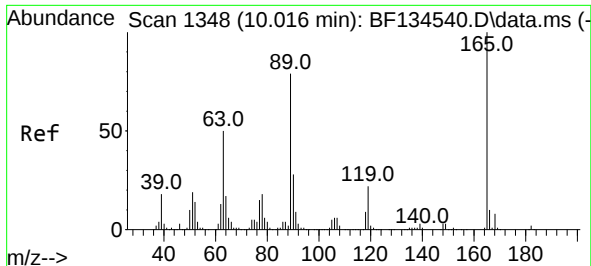
Tgt Ion:163 Resp: 83087
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 431.2 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.322 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.194 min
Lab File: BF134863.D
Acq: 21 Aug 2023 12:40

Tgt Ion:165 Resp: 51692
Ion Ratio Lower Upper
165 100
63 0.9 57.8 86.6#
89 1.1 51.8 77.8#

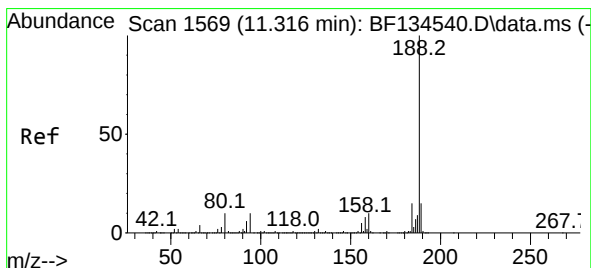
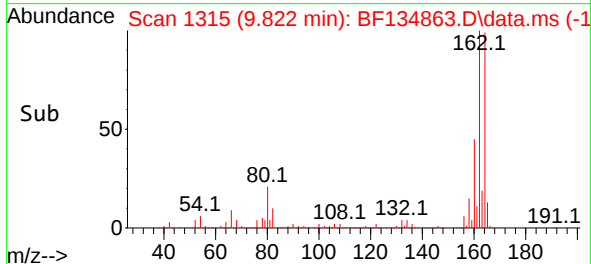
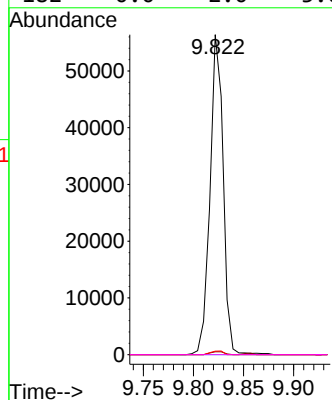
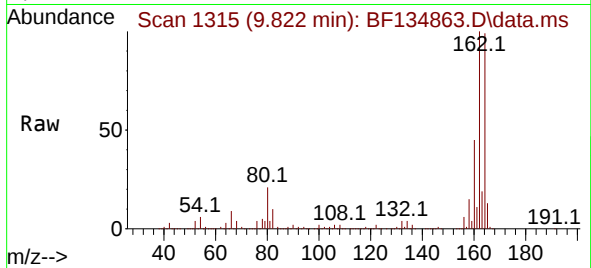




#57
2,4-Dinitrotoluene
Concen: 10.101 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134863.D
Acq: 21 Aug 2023 12:40

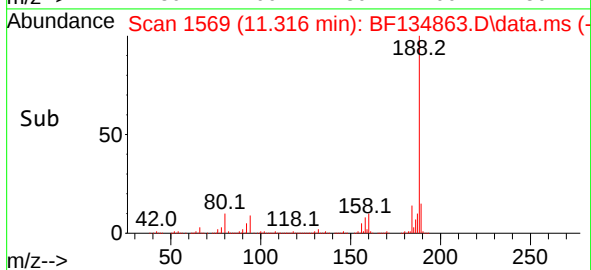
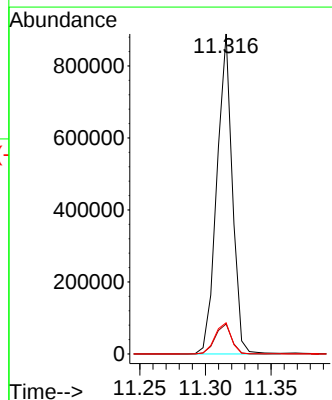
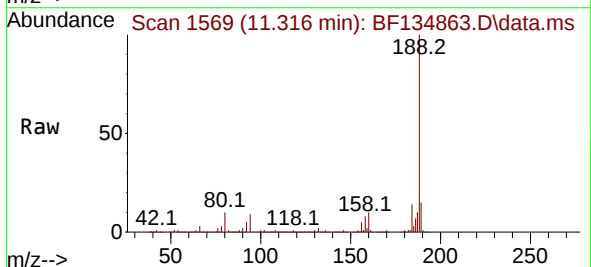
Instrument :
BNA_F
ClientSampleId :
B-PP10B

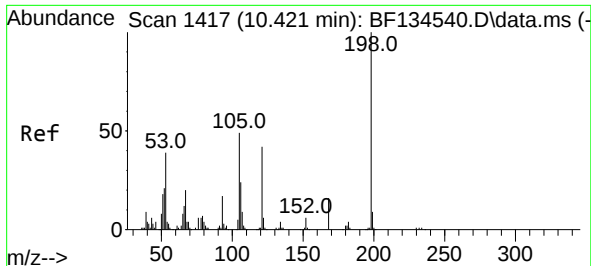
Tgt Ion:165 Resp: 51692
Ion Ratio Lower Upper
165 100
63 0.9 48.9 73.3#
89 1.1 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134863.D
Acq: 21 Aug 2023 12:40

Tgt Ion:188 Resp: 727895
Ion Ratio Lower Upper
188 100
94 9.4 5.1 7.7#
80 9.7 6.6 9.8





#65

4,6-Dinitro-2-methylphenol

Concen: 8.933 ng

RT: 10.616 min Scan# 1417

Delta R.T. 0.177 min

Lab File: BF134863.D

Acq: 21 Aug 2023 12:40

Instrument :

BNA_F

ClientSampleId :

B-PP10B

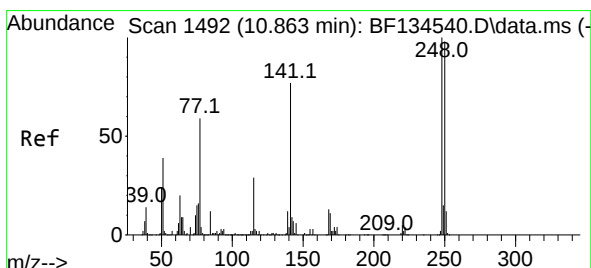
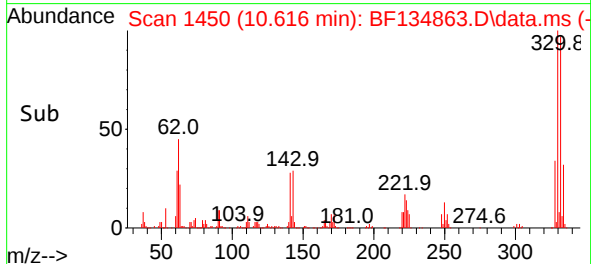
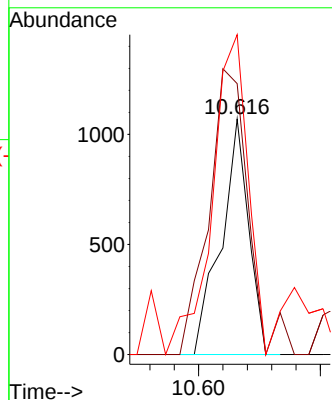
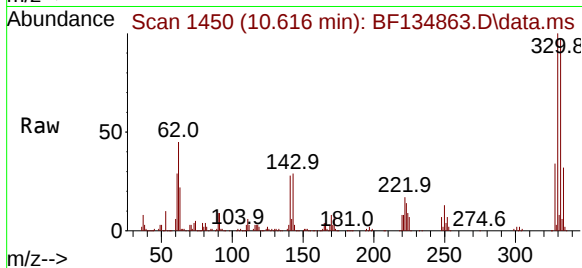
Tgt Ion:198 Resp: 842

Ion Ratio Lower Upper

198 100

51 115.0 38.6 78.6#

105 135.8 27.9 67.9#



#67

4-Bromophenyl-phenylether

Concen: 2.878 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF134863.D

Acq: 21 Aug 2023 12:40

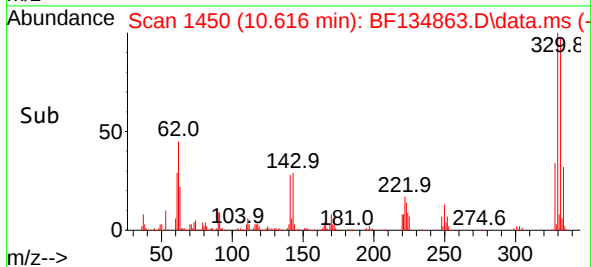
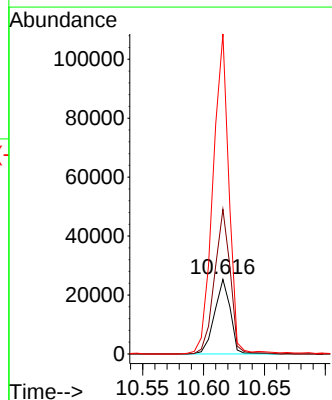
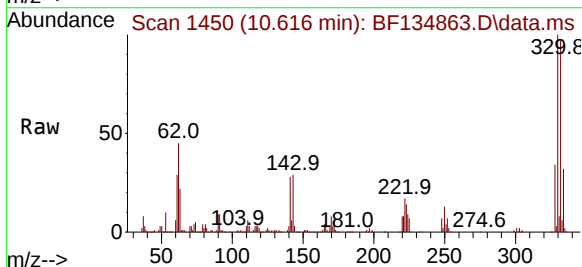
Tgt Ion:248 Resp: 22936

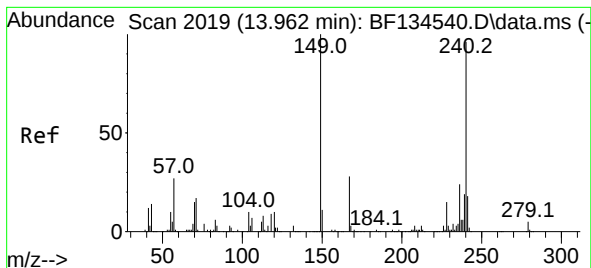
Ion Ratio Lower Upper

248 100

250 193.8 79.6 119.4#

141 428.9 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: BF134863.D

Acq: 21 Aug 2023 12:40

Instrument :

BNA_F

ClientSampleId :

B-PP10B

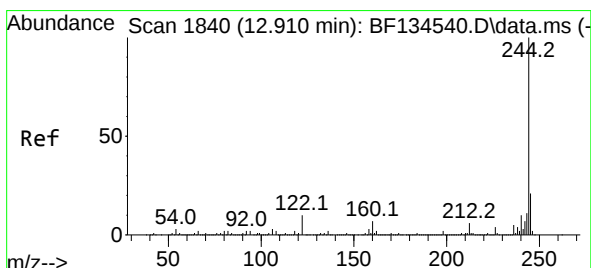
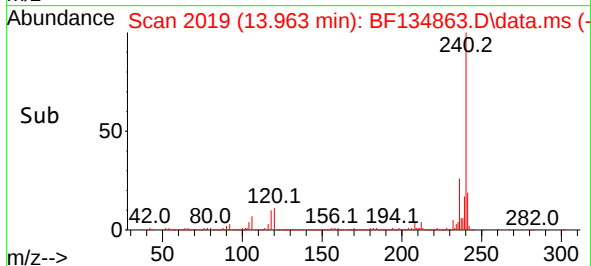
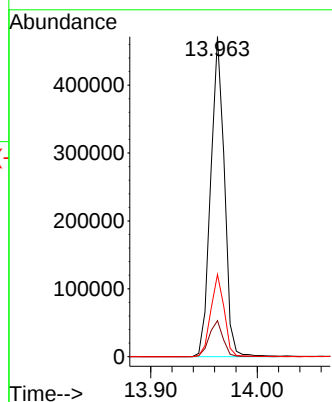
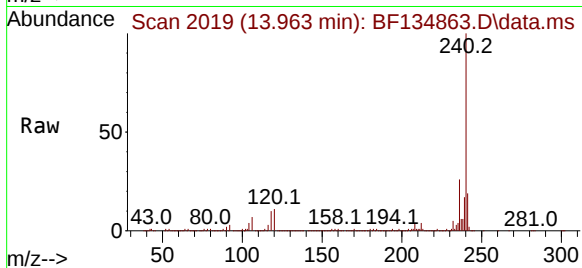
Tgt Ion:240 Resp: 420416

Ion Ratio Lower Upper

240 100

120 11.2 6.6 10.0#

236 25.7 20.2 30.2



#79

Terphenyl-d14

Concen: 58.972 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF134863.D

Acq: 21 Aug 2023 12:40

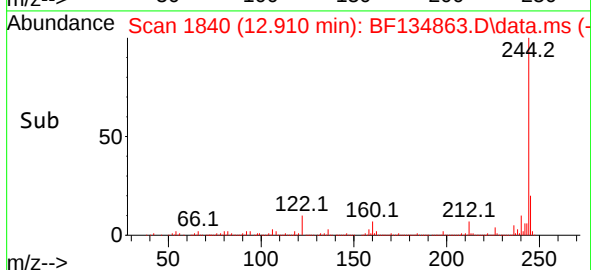
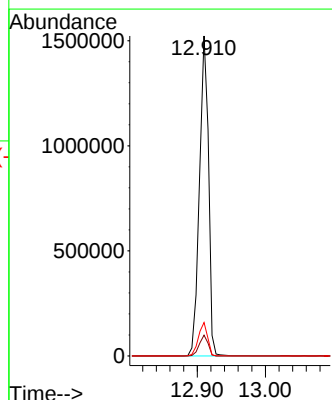
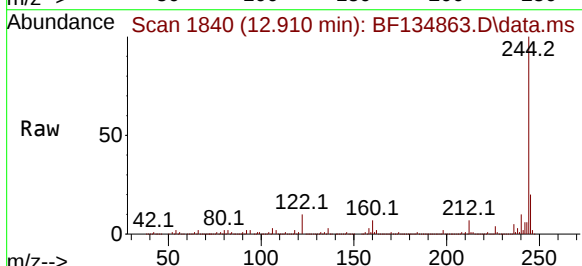
Tgt Ion:244 Resp: 1406387

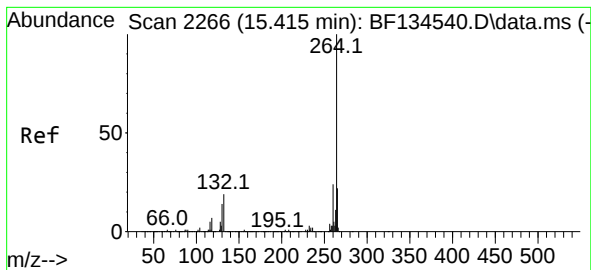
Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 10.4 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134863.D

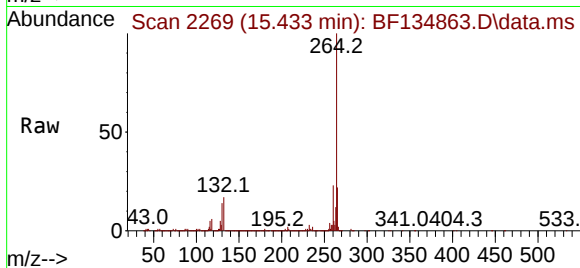
Acq: 21 Aug 2023 12:40

Instrument :

BNA_F

ClientSampleId :

B-PP10B



Tgt Ion:264 Resp: 397854

Ion Ratio Lower Upper

264 100

260 22.5 18.4 27.6

265 21.6 15.8 23.8

