

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134865.D
 Acq On : 21 Aug 2023 13:45
 Operator : CG\JU
 Sample : 04086-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP13B

Quant Time: Aug 21 14:08:47 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)

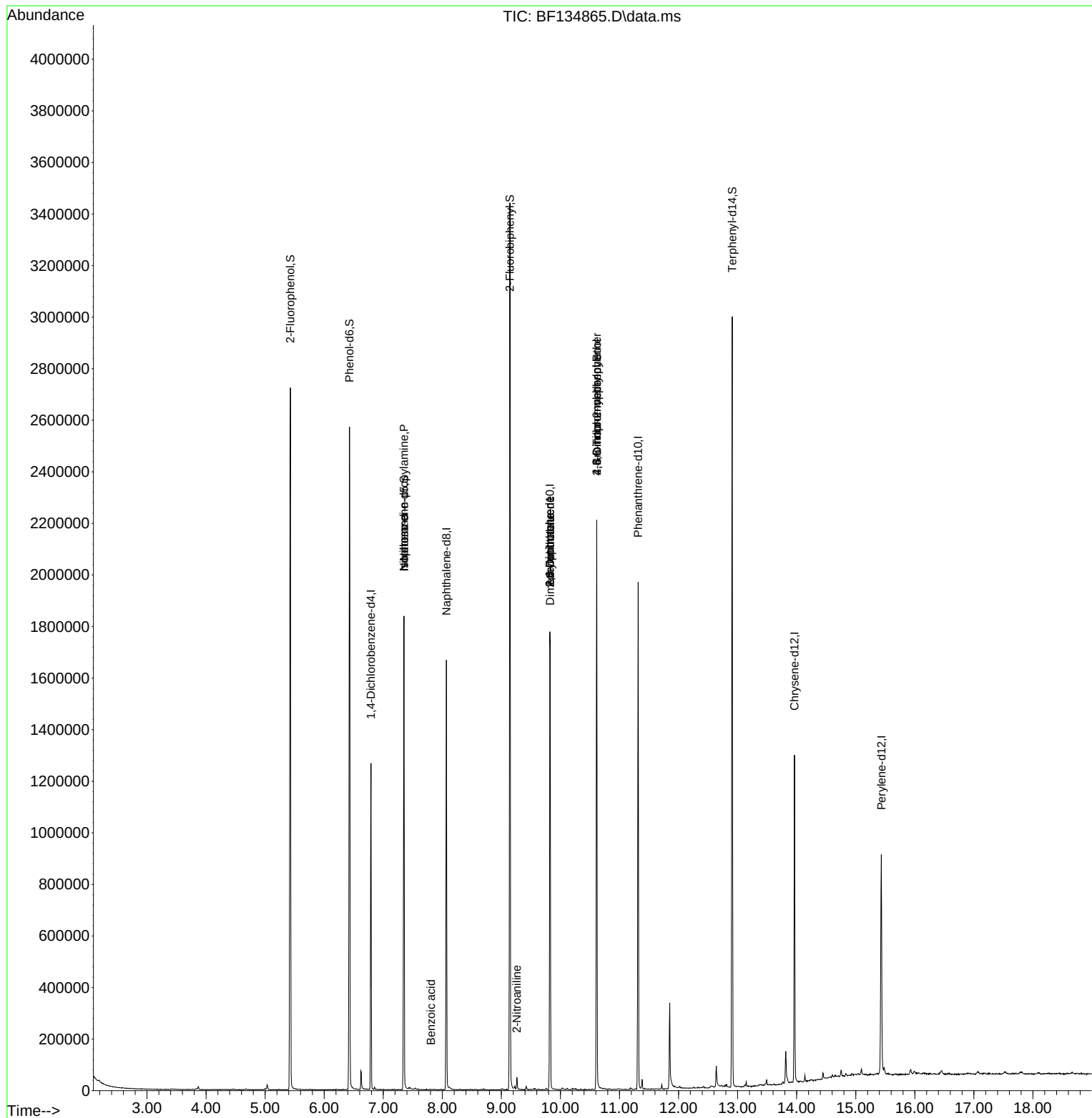
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	171161	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	701829	20.000	ng	#-0.01
39) Acenaphthene-d10	9.822	164	373123	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	674237	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	397368	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	395810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	738899	65.622	ng	0.00
7) Phenol-d6	6.428	99	932967	64.818	ng	-0.01
23) Nitrobenzene-d5	7.351	82	548023	48.797	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	268119	70.490	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1044984	46.566	ng	-0.02
79) Terphenyl-d14	12.910	244	1031916	45.779	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.428	77	1514	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.351	70	73031	8.474	ng	# 72
25) Isophorone	7.351	82	541011	22.087	ng	# 65
32) Benzoic acid	7.810	122	54	7.873	ng	# 33
48) 2-Nitroaniline	9.263	65	445	3.227	ng	# 8
50) Dimethylphthalate	9.828	163	77347	3.041	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	48435	11.308	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	48435	10.090	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	649	8.894	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	17038	2.308	ng	# 1

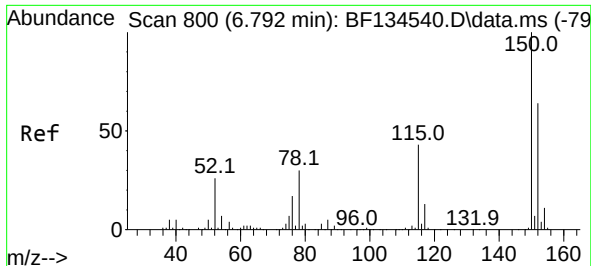
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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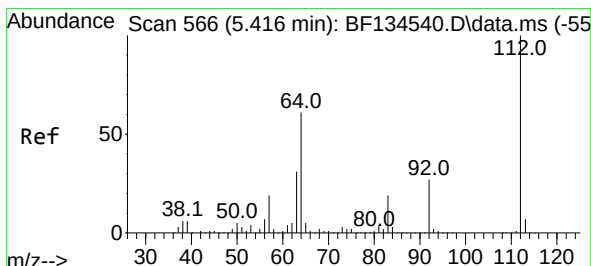
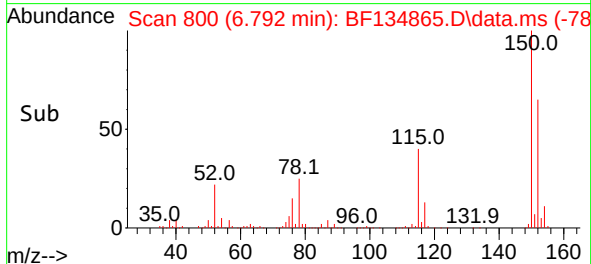
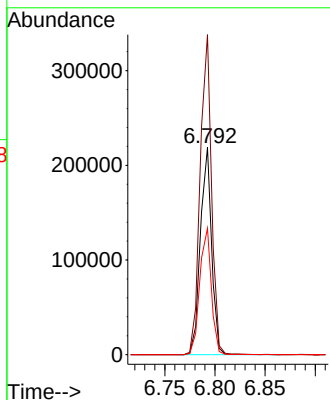
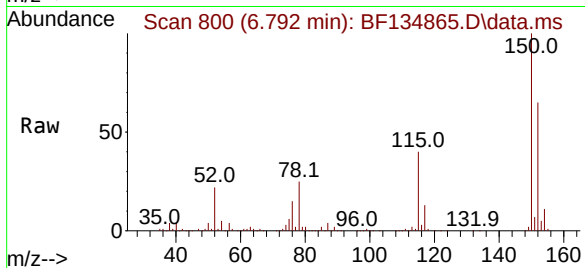




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF134865.D
Acq: 21 Aug 2023 13:45

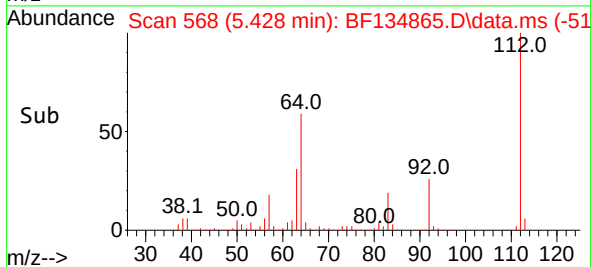
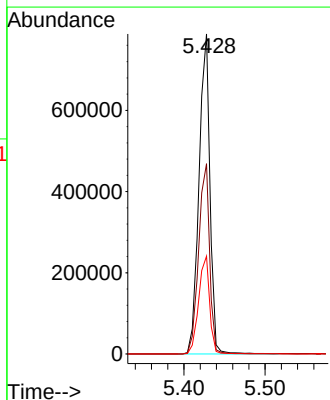
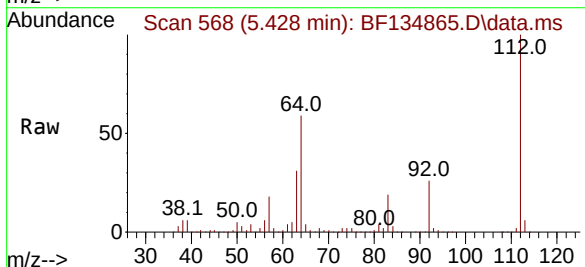
Instrument :
BNA_F
ClientSampleId :
B-PP13B

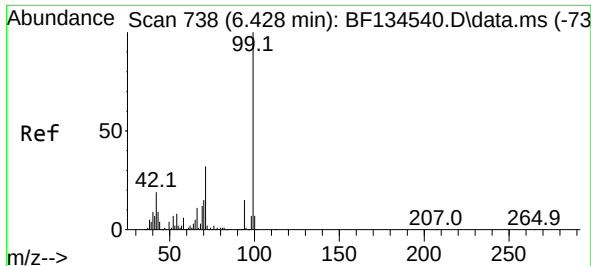
Tgt Ion:152 Resp: 171161
Ion Ratio Lower Upper
152 100
150 154.5 128.3 192.5
115 61.0 52.4 78.6



#5
2-Fluorophenol
Concen: 65.622 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134865.D
Acq: 21 Aug 2023 13:45

Tgt Ion:112 Resp: 738899
Ion Ratio Lower Upper
112 100
64 59.4 44.9 67.3
63 30.5 25.4 38.0

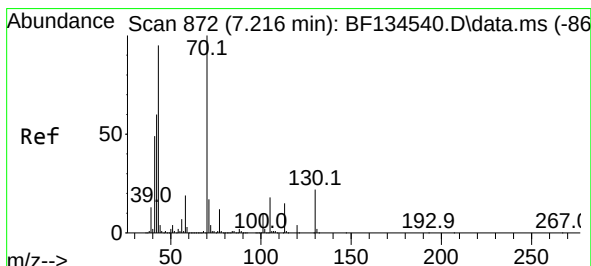
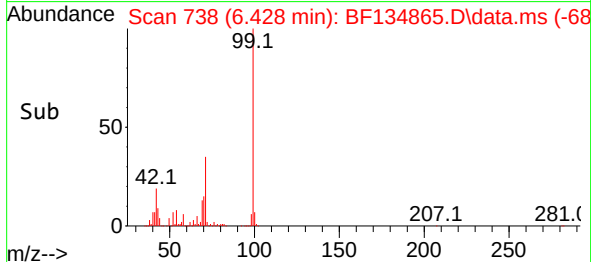
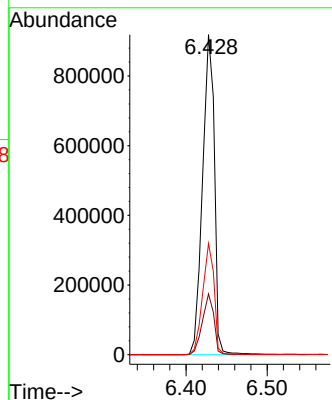
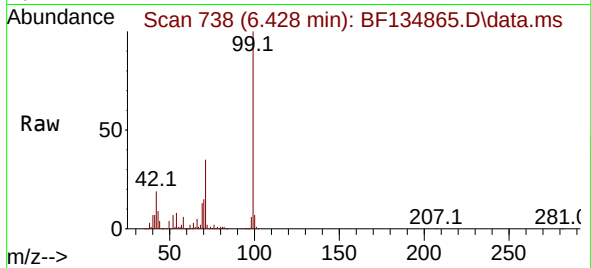




#7
Phenol-d6
Concen: 64.818 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134865.D
Acq: 21 Aug 2023 13:45

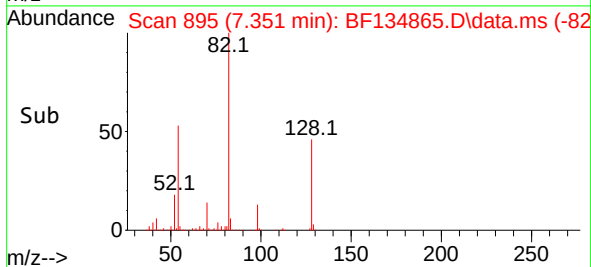
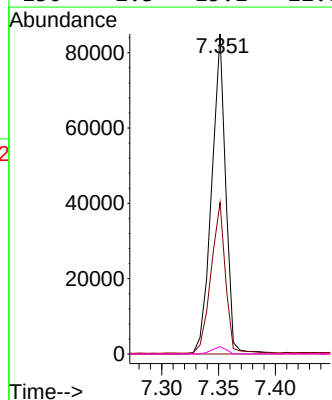
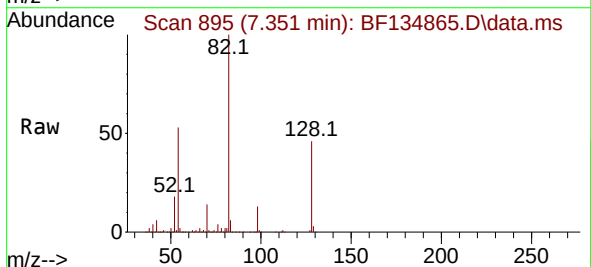
Instrument :
BNA_F
ClientSampleId :
B-PP13B

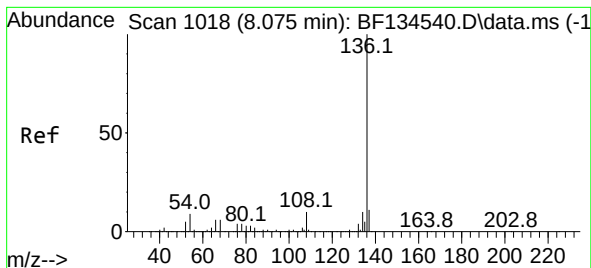
Tgt Ion: 99 Resp: 932967
Ion Ratio Lower Upper
99 100
42 19.0 18.7 28.1
71 34.8 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 8.474 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF134865.D
Acq: 21 Aug 2023 13:45

Tgt Ion: 70 Resp: 73031
Ion Ratio Lower Upper
70 100
42 47.3 54.7 82.1#
101 0.0 8.2 12.2#
130 2.3 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134865.D

Acq: 21 Aug 2023 13:45

Instrument :

BNA_F

ClientSampleId :

B-PP13B

Tgt Ion:136 Resp: 701829

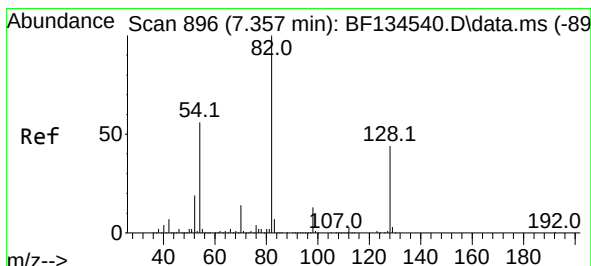
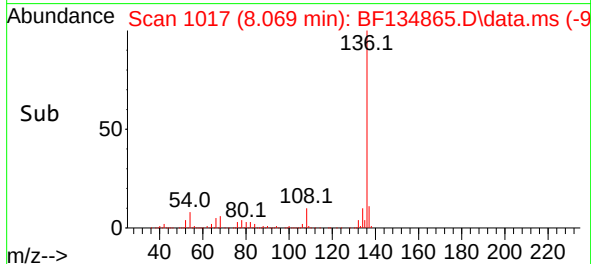
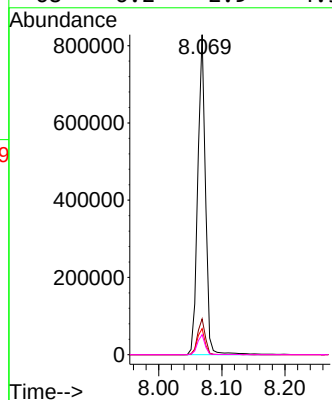
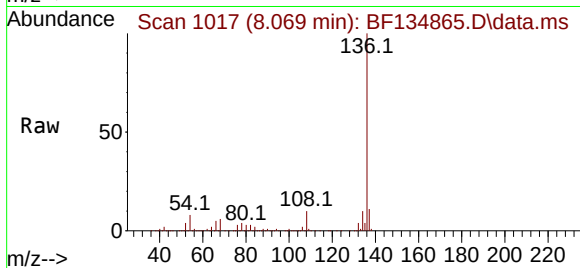
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 8.2 5.2 7.8#

68 6.2 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 48.797 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF134865.D

Acq: 21 Aug 2023 13:45

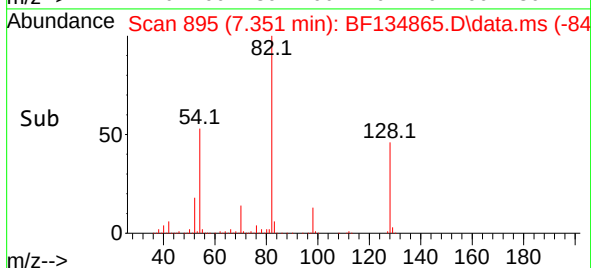
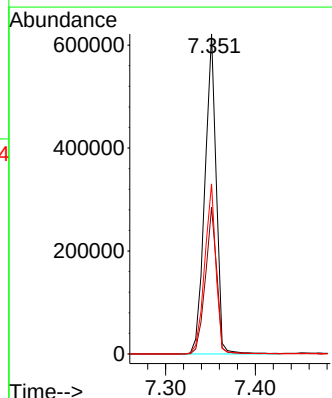
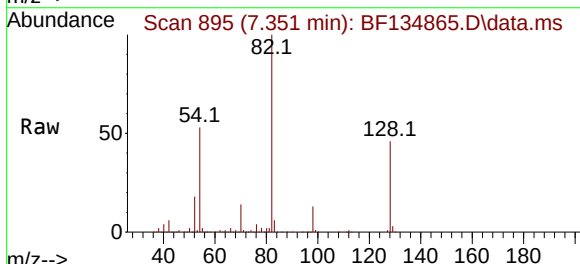
Tgt Ion: 82 Resp: 548023

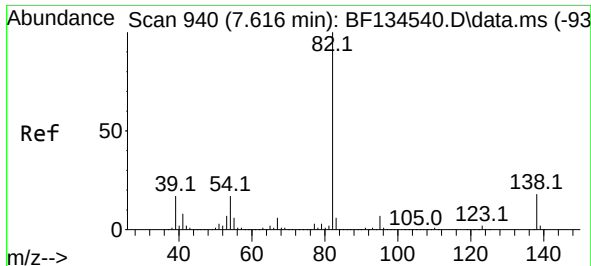
Ion Ratio Lower Upper

82 100

128 45.9 34.3 51.5

54 53.2 43.8 65.6

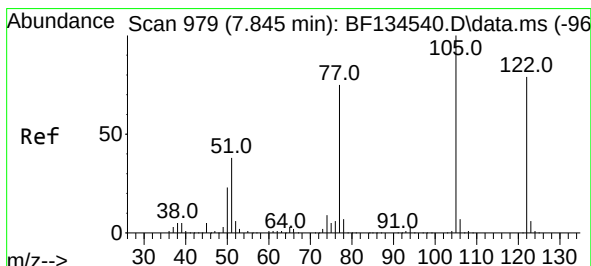
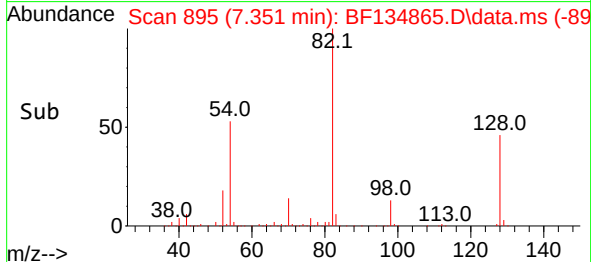
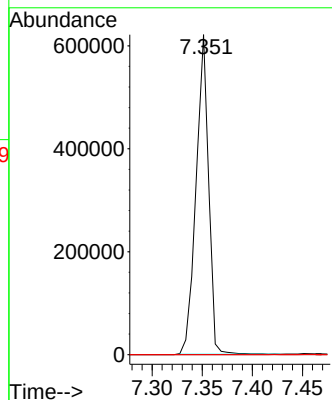
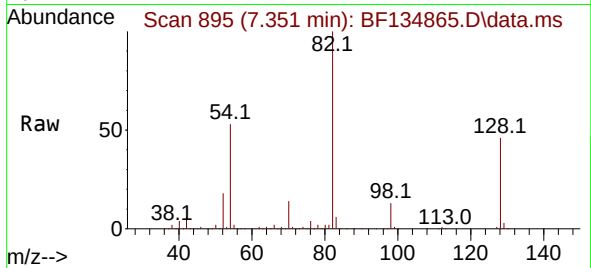




#25
Isophorone
Concen: 22.087 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF134865.D
Acq: 21 Aug 2023 13:45

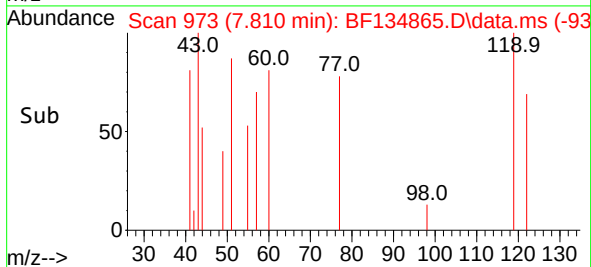
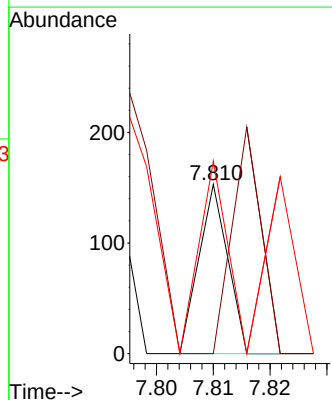
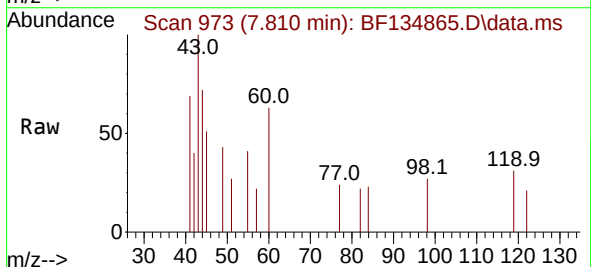
Instrument :
BNA_F
ClientSampleId :
B-PP13B

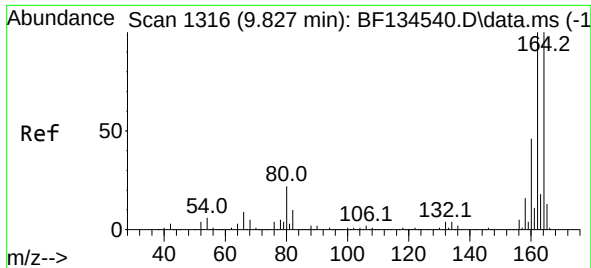
Tgt Ion: 82 Resp: 541011
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.873 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.053 min
Lab File: BF134865.D
Acq: 21 Aug 2023 13:45

Tgt Ion: 122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 87.5 127.5#
77 113.7 71.4 111.4#

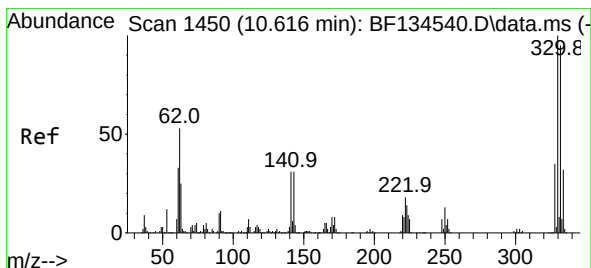
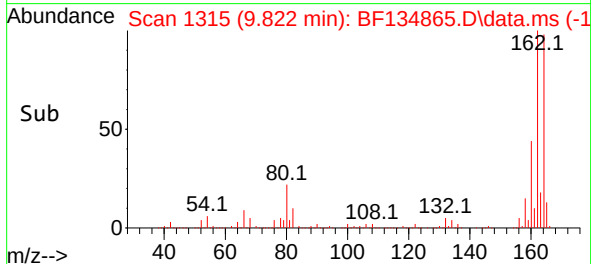
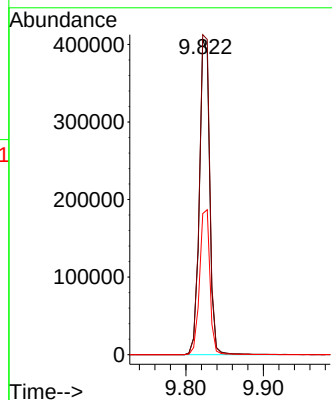
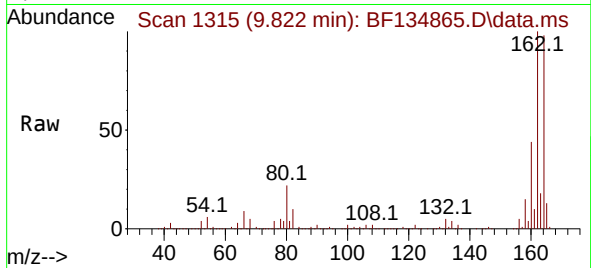




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134865.D
Acq: 21 Aug 2023 13:45

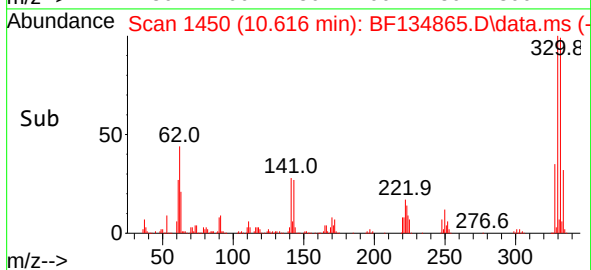
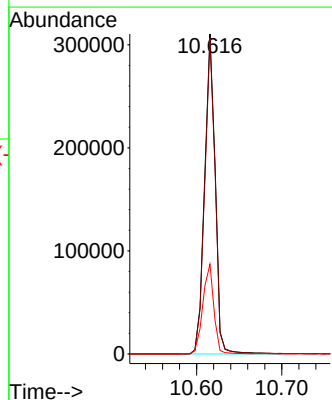
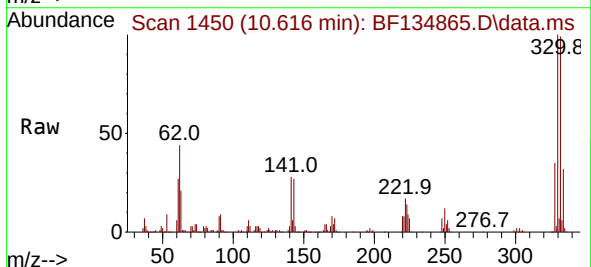
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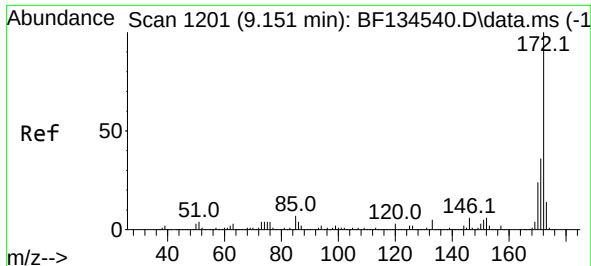
Tgt Ion:164 Resp: 373123
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 44.8 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 70.490 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134865.D
Acq: 21 Aug 2023 13:45

Tgt Ion:330 Resp: 268119
Ion Ratio Lower Upper
330 100
332 97.7 78.8 118.2
141 29.2 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 46.566 ng

RT: 9.145 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF134865.D

Acq: 21 Aug 2023 13:45

Instrument :

BNA_F

ClientSampleId :

B-PP13B

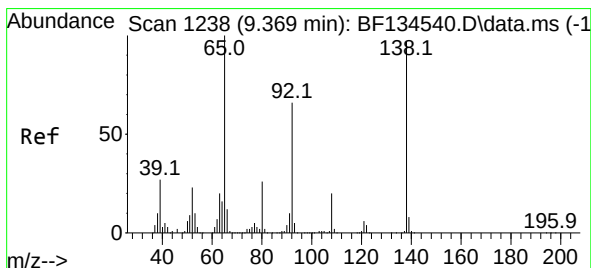
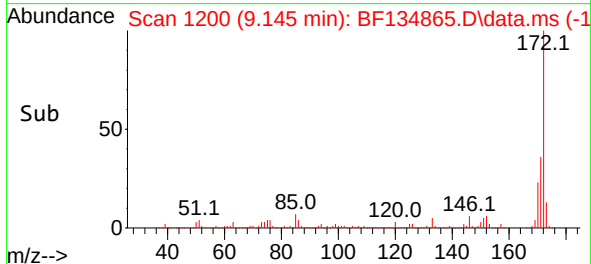
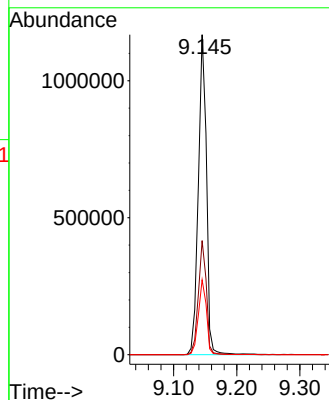
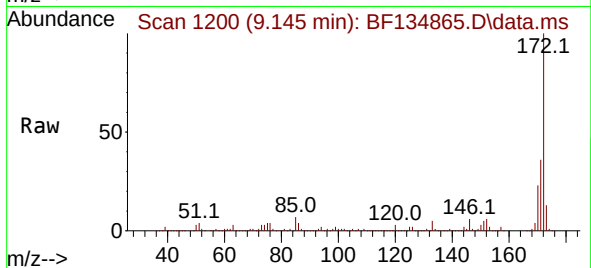
Tgt Ion:172 Resp: 1044984

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.4 18.7 28.1



#48

2-Nitroaniline

Concen: 3.227 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.118 min

Lab File: BF134865.D

Acq: 21 Aug 2023 13:45

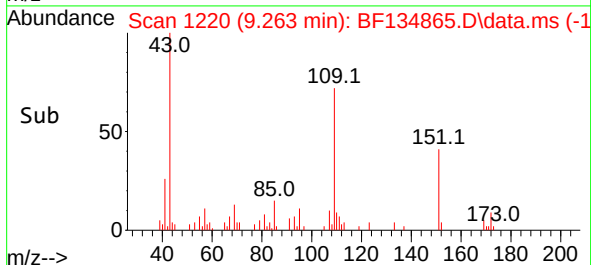
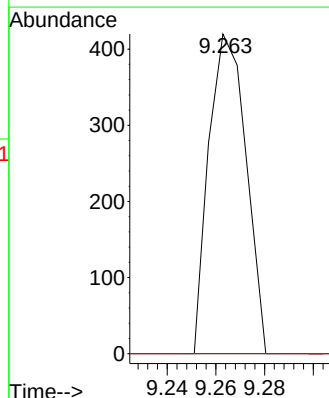
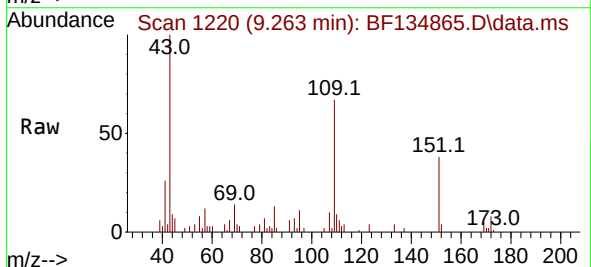
Tgt Ion: 65 Resp: 445

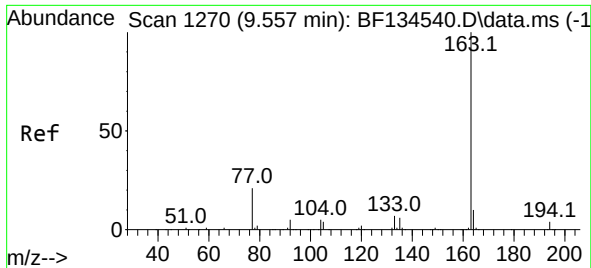
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

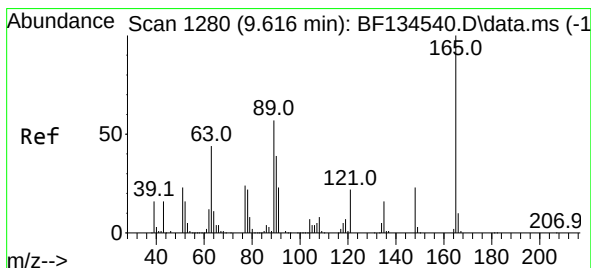
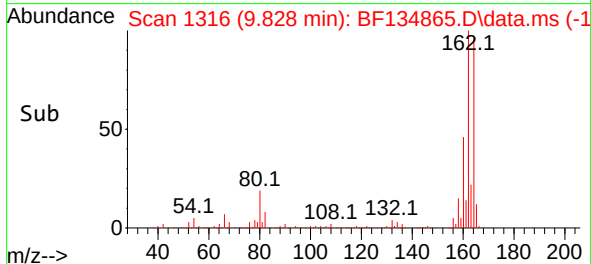
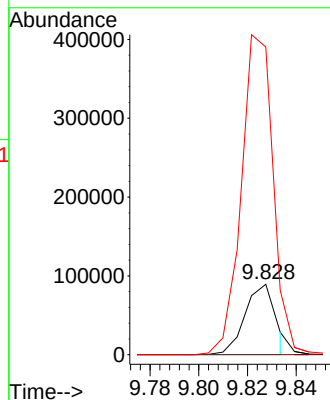
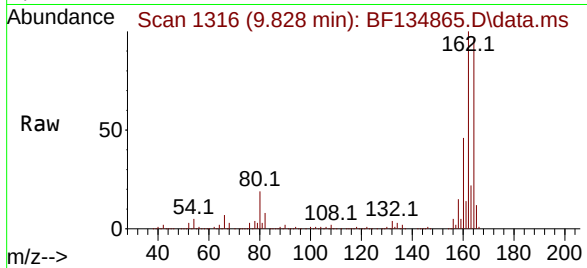




#50
Dimethylphthalate
Concen: 3.041 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF134865.D
Acq: 21 Aug 2023 13:45

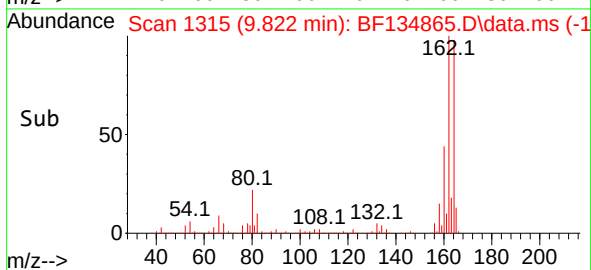
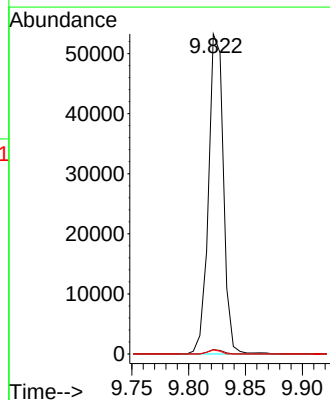
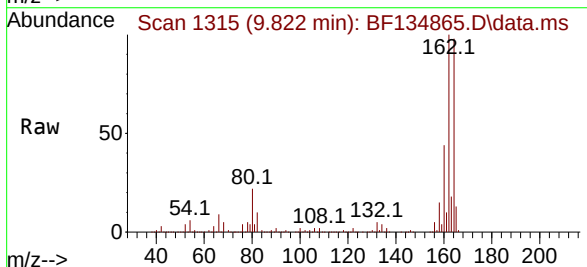
Instrument :
BNA_F
ClientSampleId :
B-PP13B

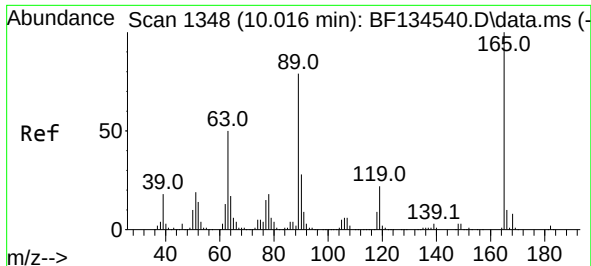
Tgt Ion:163 Resp: 77347
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 437.5 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.308 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.194 min
Lab File: BF134865.D
Acq: 21 Aug 2023 13:45

Tgt Ion:165 Resp: 48435
Ion Ratio Lower Upper
165 100
63 1.4 57.8 86.6#
89 1.3 51.8 77.8#

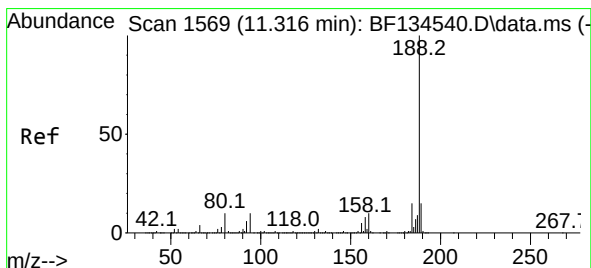
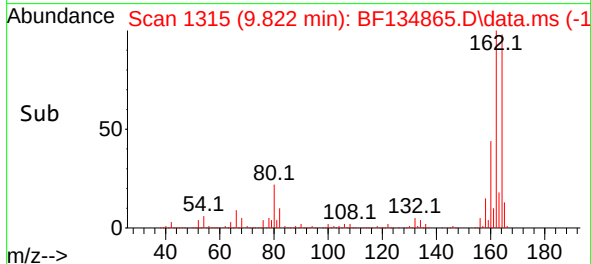
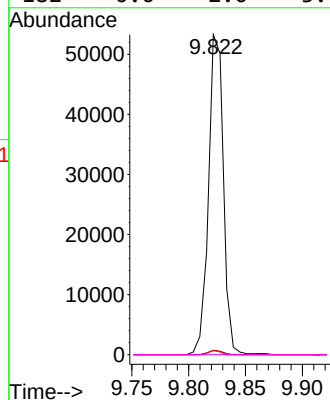
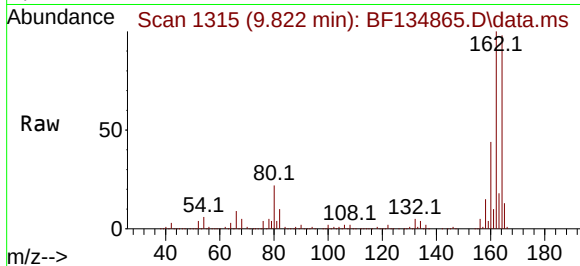




#57
2,4-Dinitrotoluene
Concen: 10.090 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134865.D
Acq: 21 Aug 2023 13:45

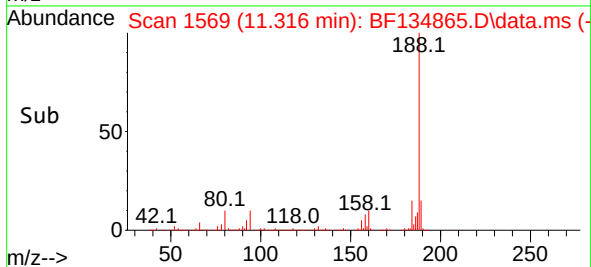
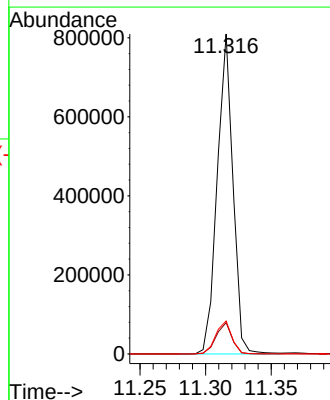
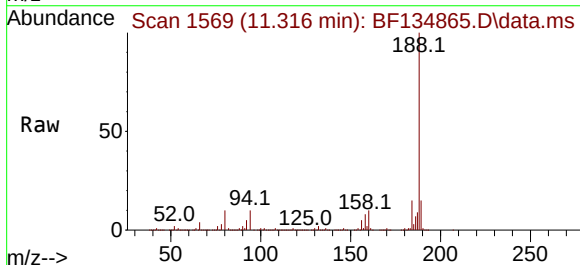
Instrument :
BNA_F
ClientSampleId :
B-PP13B

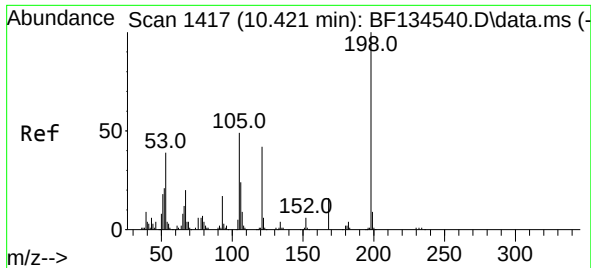
Tgt Ion:165 Resp: 48435
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 1.3 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134865.D
Acq: 21 Aug 2023 13:45

Tgt Ion:188 Resp: 674237
Ion Ratio Lower Upper
188 100
94 9.8 5.1 7.7#
80 10.3 6.6 9.8#

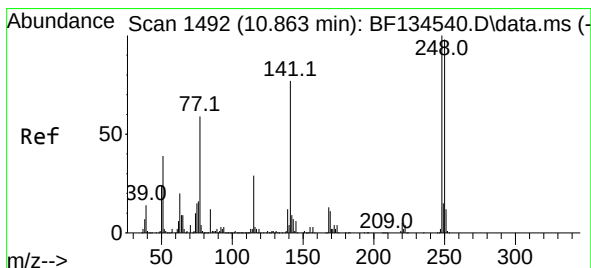
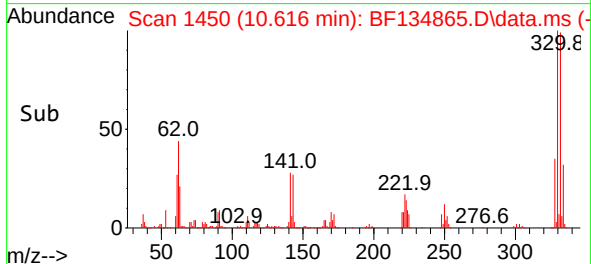
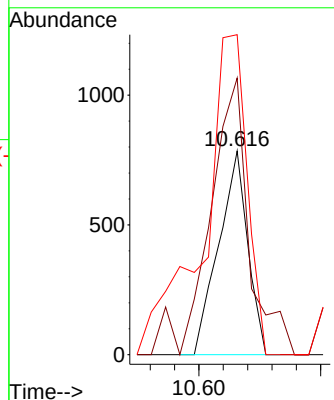
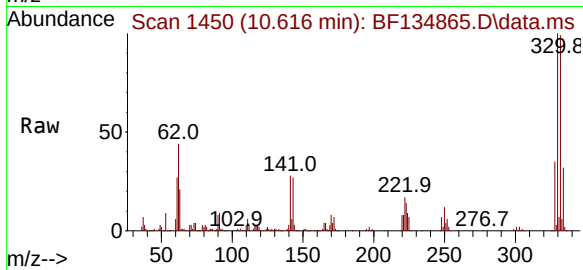




#65
4,6-Dinitro-2-methylphenol
Concen: 8.894 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.176 min
Lab File: BF134865.D
Acq: 21 Aug 2023 13:45

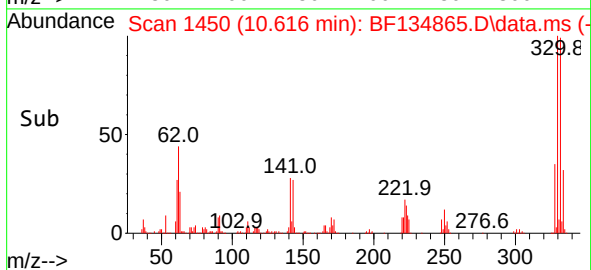
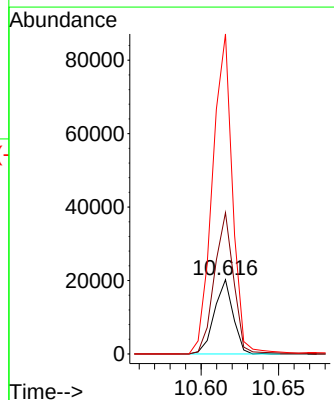
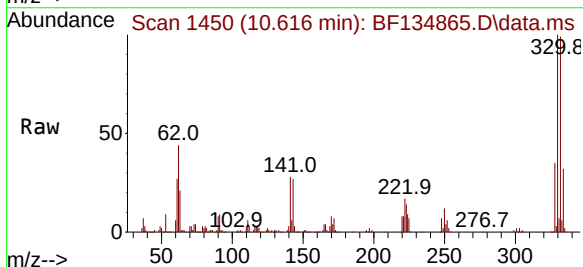
Instrument :
BNA_F
ClientSampleId :
B-PP13B

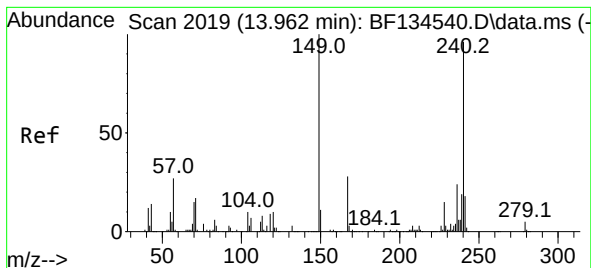
Tgt Ion:198 Resp: 649
Ion Ratio Lower Upper
198 100
51 135.8 38.6 78.6#
105 157.1 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.308 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF134865.D
Acq: 21 Aug 2023 13:45

Tgt Ion:248 Resp: 17038
Ion Ratio Lower Upper
248 100
250 190.5 79.6 119.4#
141 431.4 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF134865.D

Acq: 21 Aug 2023 13:45

Instrument :

BNA_F

ClientSampleId :

B-PP13B

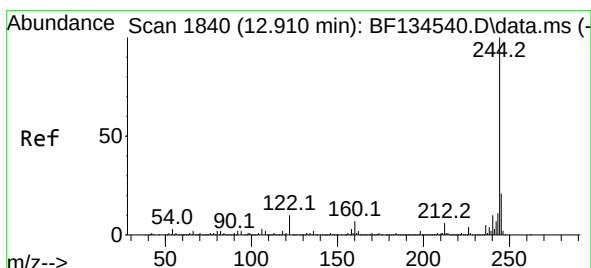
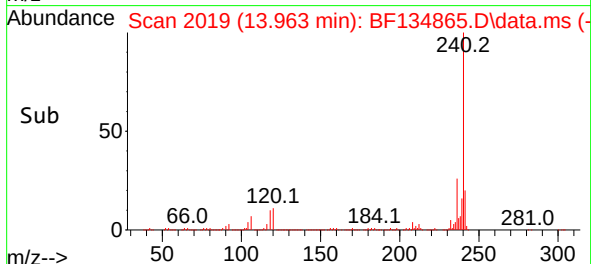
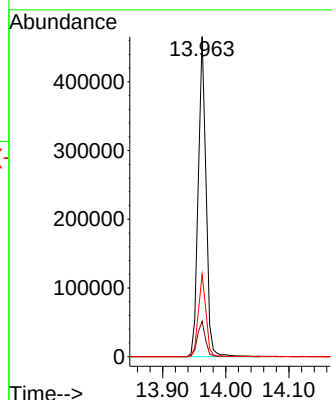
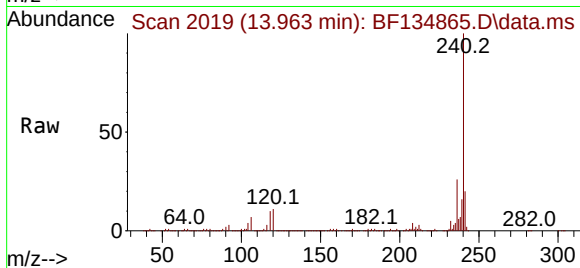
Tgt Ion:240 Resp: 397368

Ion Ratio Lower Upper

240 100

120 11.0 6.6 10.0#

236 25.7 20.2 30.2



#79

Terphenyl-d14

Concen: 45.779 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF134865.D

Acq: 21 Aug 2023 13:45

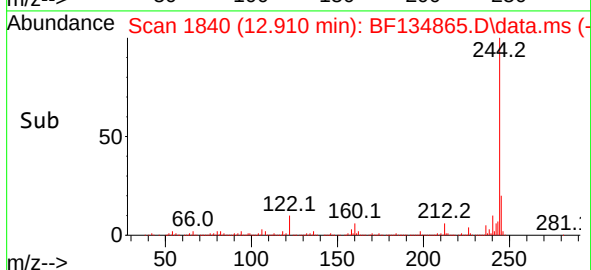
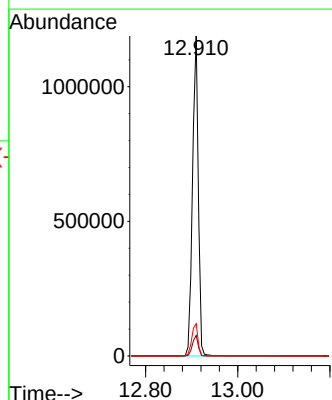
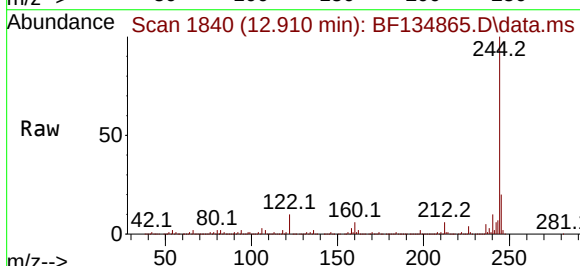
Tgt Ion:244 Resp: 1031916

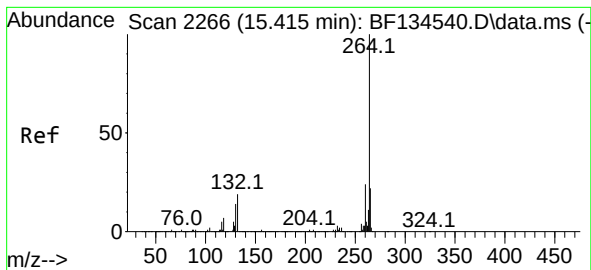
Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 10.1 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: BF134865.D
Acq: 21 Aug 2023 13:45

Instrument :
BNA_F
ClientSampleId :
B-PP13B

Tgt Ion:264 Resp: 395810

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	22.1	15.8	23.8

