

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134735.D
 Acq On : 11 Aug 2023 16:34
 Operator : CG\JU
 Sample : 03971-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP04B

Quant Time: Aug 11 22:22:29 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)

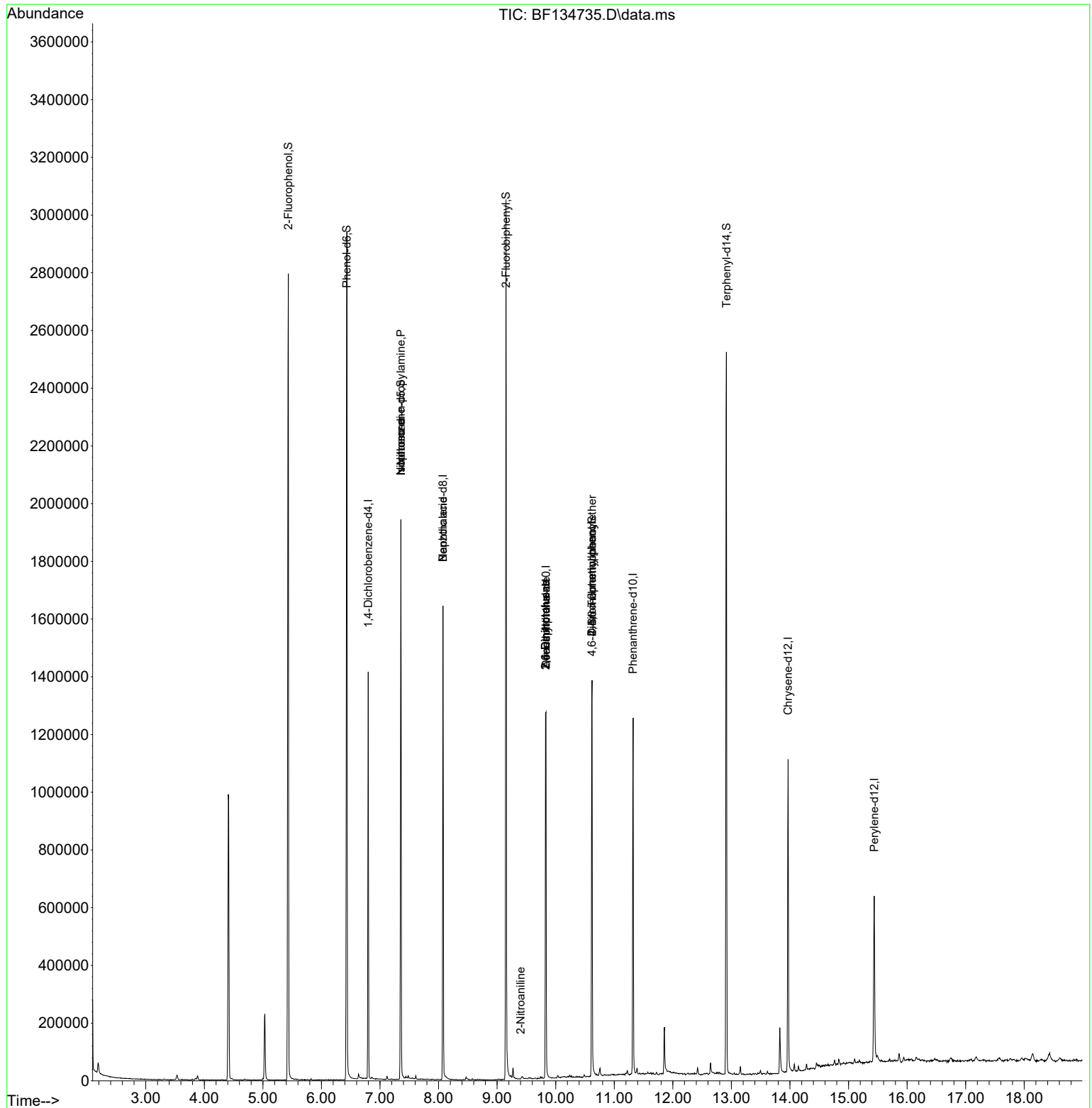
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	182040	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	661361	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	272313	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	448565	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	376355	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	281397	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	778666	65.021	ng	0.00
7) Phenol-d6	6.434	99	959537	62.680	ng	0.00
23) Nitrobenzene-d5	7.357	82	587439	55.508	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	181434	65.359	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	955233	58.325	ng	-0.01
79) Terphenyl-d14	12.915	244	907114	42.490	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.345	77	139	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	77953	8.505	ng	# 75
25) Isophorone	7.357	82	580295	25.140	ng	# 65
32) Benzoic acid	8.075	122	53	7.874	ng	# 1
48) 2-Nitroaniline	9.404	65	64	3.178	ng	# 8
50) Dimethylphthalate	9.833	163	56418	3.040	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	35153	11.259	ng	# 17
57) 2,4-Dinitrotoluene	9.827	165	35148	10.049	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	397	8.878	ng	# 1
67) 4-Bromophenyl-phenylether	10.621	248	11214	2.284	ng	# 1

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

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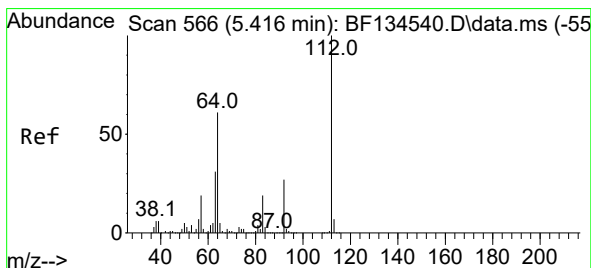
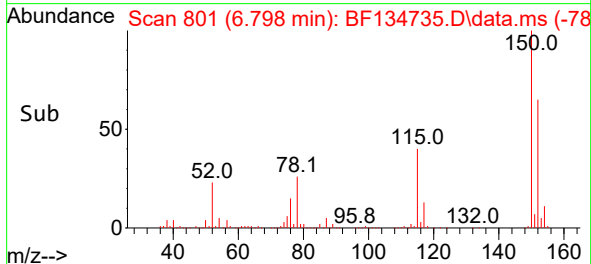
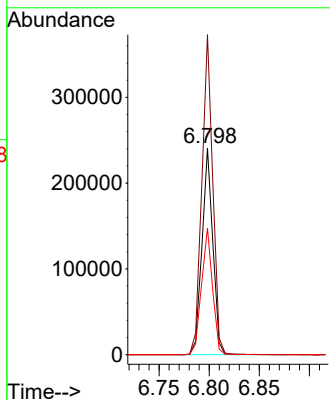
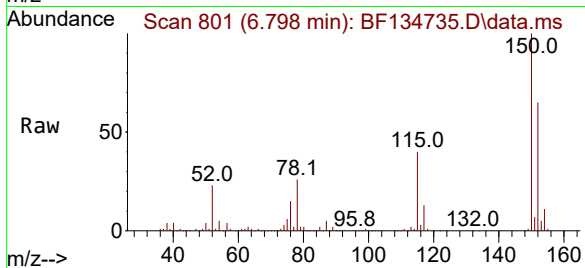




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134735.D
 Acq: 11 Aug 2023 16:34

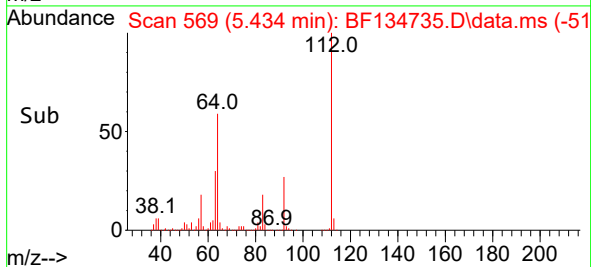
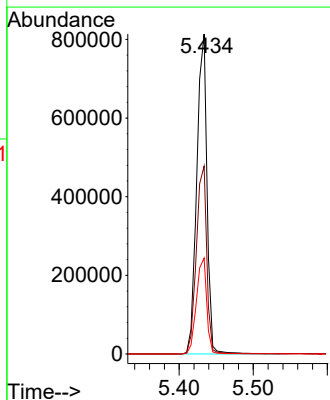
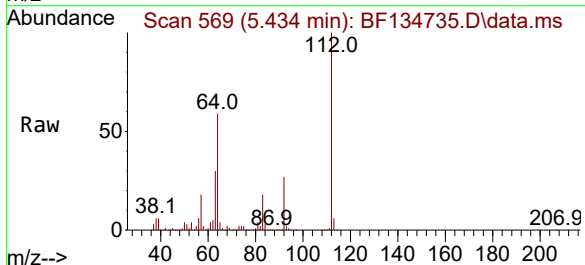
Instrument :
 BNA_F
 ClientSampleId :
 B-PP04B

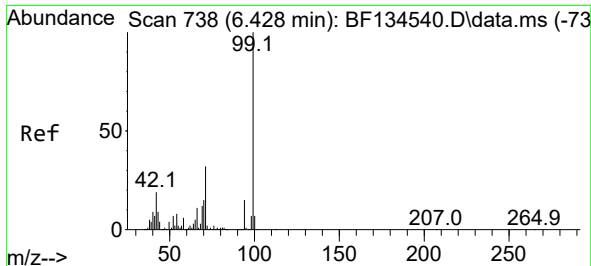
Tgt Ion:152 Resp: 182040
 Ion Ratio Lower Upper
 152 100
 150 154.8 128.3 192.5
 115 61.3 52.4 78.6



#5
 2-Fluorophenol
 Concen: 65.021 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF134735.D
 Acq: 11 Aug 2023 16:34

Tgt Ion:112 Resp: 778666
 Ion Ratio Lower Upper
 112 100
 64 58.7 44.9 67.3
 63 30.0 25.4 38.0

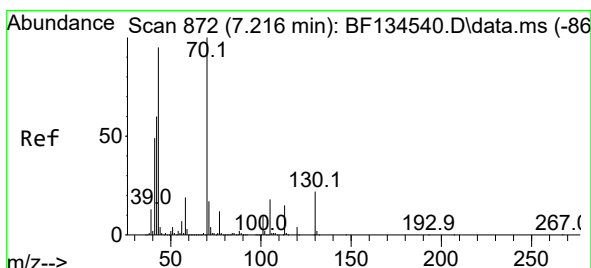
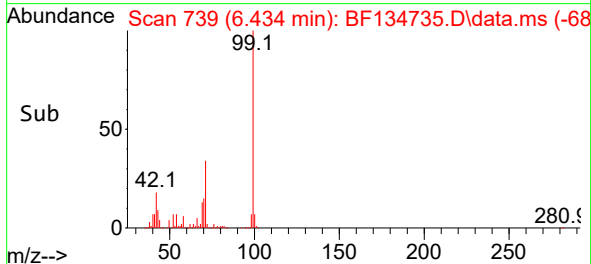
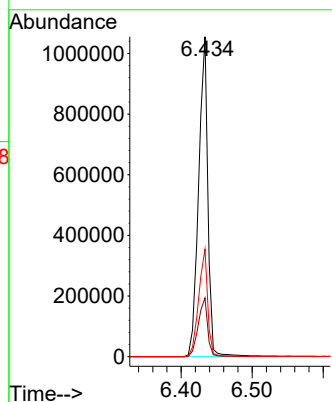
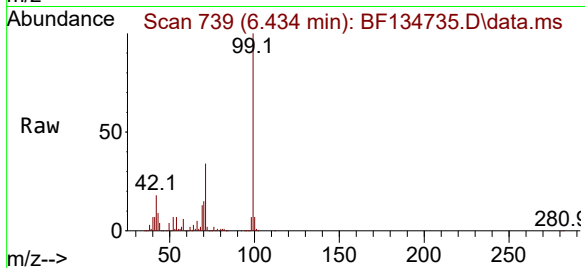




#7
Phenol-d6
Concen: 62.680 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134735.D
Acq: 11 Aug 2023 16:34

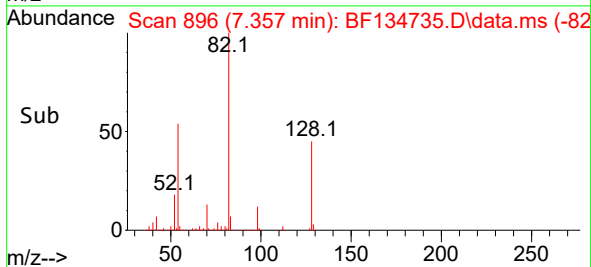
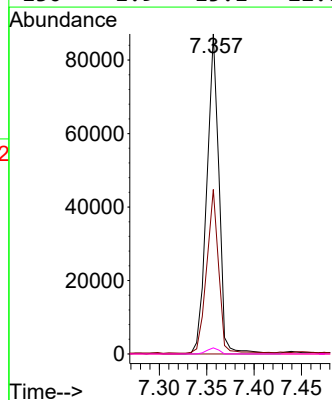
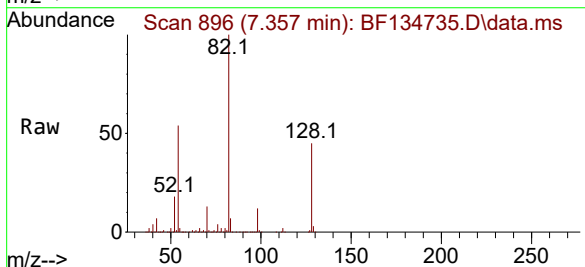
Instrument :
BNA_F
ClientSampleId :
B-PP04B

Tgt Ion: 99 Resp: 959537
Ion Ratio Lower Upper
99 100
42 18.3 18.7 28.1#
71 33.6 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 8.505 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134735.D
Acq: 11 Aug 2023 16:34

Tgt Ion: 70 Resp: 77953
Ion Ratio Lower Upper
70 100
42 51.4 54.7 82.1#
101 0.0 8.2 12.2#
130 1.9 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF134735.D

Acq: 11 Aug 2023 16:34

Instrument :

BNA_F

ClientSampleId :

B-PP04B

Tgt Ion:136 Resp: 661361

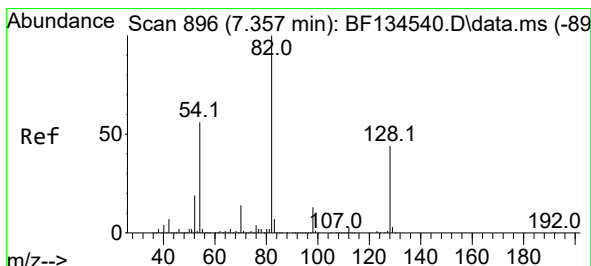
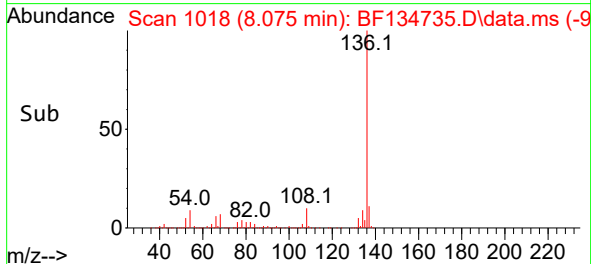
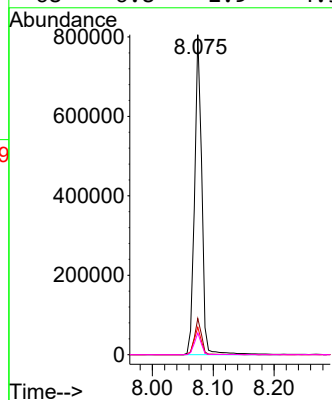
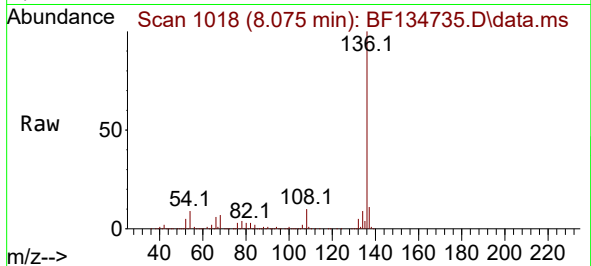
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 8.6 5.2 7.8#

68 6.8 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 55.508 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134735.D

Acq: 11 Aug 2023 16:34

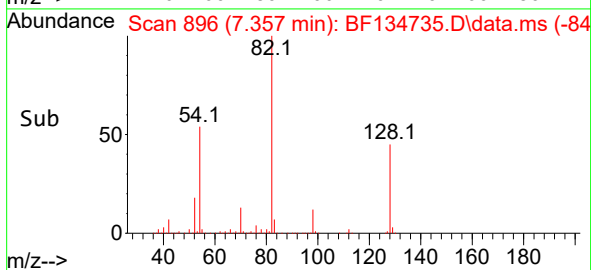
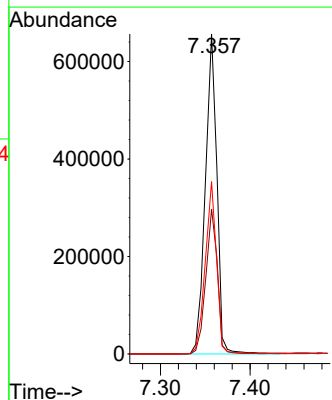
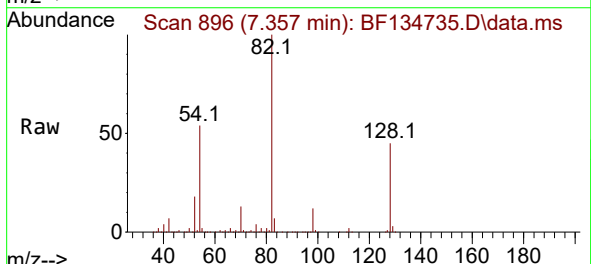
Tgt Ion: 82 Resp: 587439

Ion Ratio Lower Upper

82 100

128 45.3 34.3 51.5

54 53.8 43.8 65.6

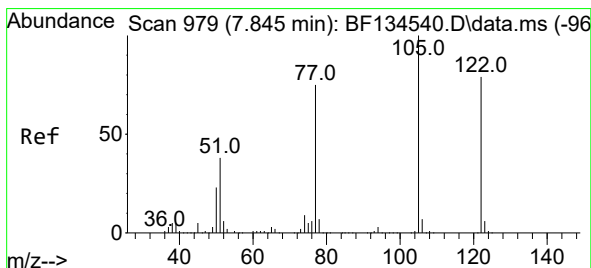
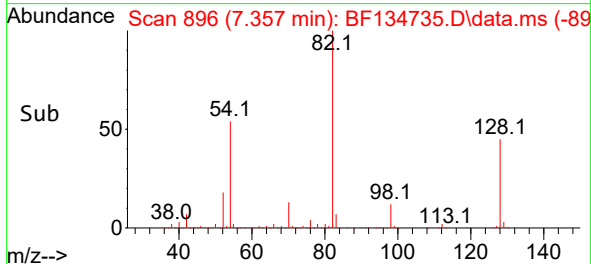
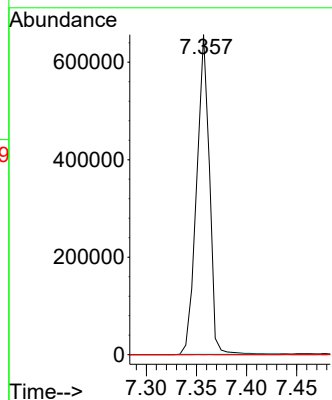
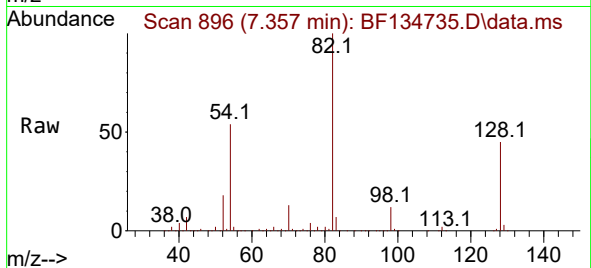




#25
Isophorone
Concen: 25.140 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF134735.D
Acq: 11 Aug 2023 16:34

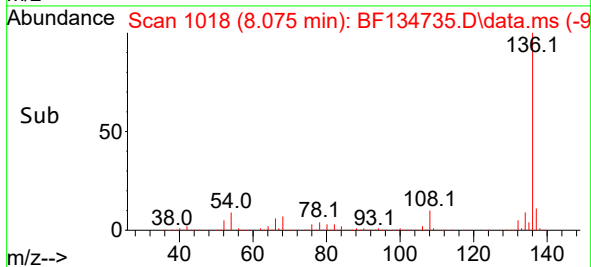
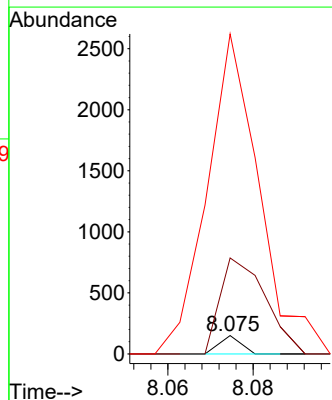
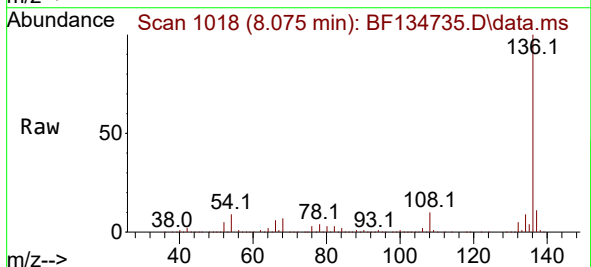
Instrument :
BNA_F
ClientSampleId :
B-PP04B

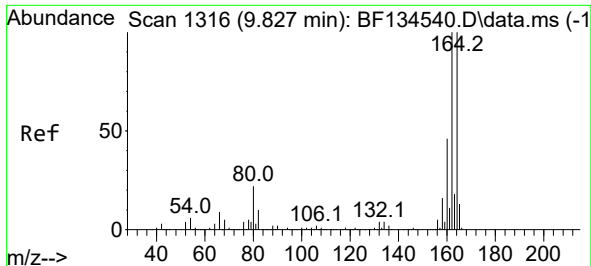
Tgt Ion: 82 Resp: 580295
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.874 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.212 min
Lab File: BF134735.D
Acq: 11 Aug 2023 16:34

Tgt Ion: 122 Resp: 53
Ion Ratio Lower Upper
122 100
105 524.0 87.5 127.5#
77 1747.3 71.4 111.4#

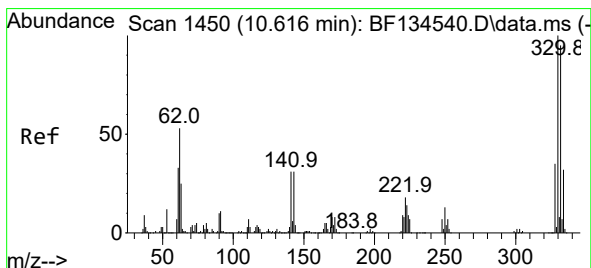
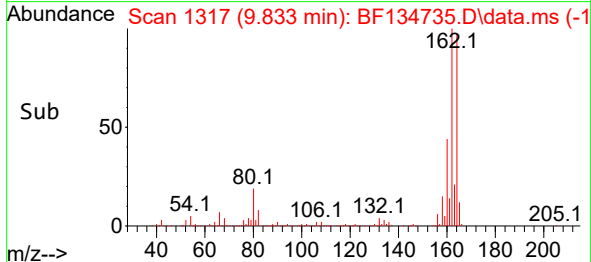
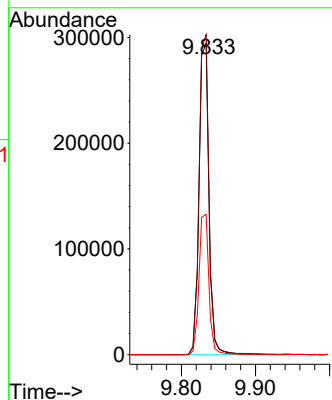
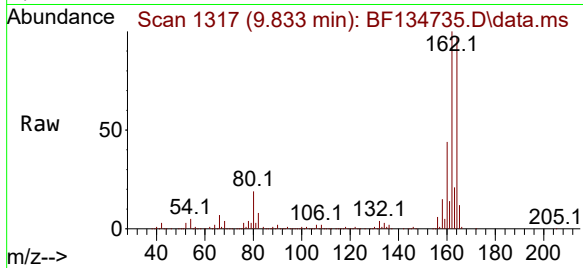




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134735.D
Acq: 11 Aug 2023 16:34

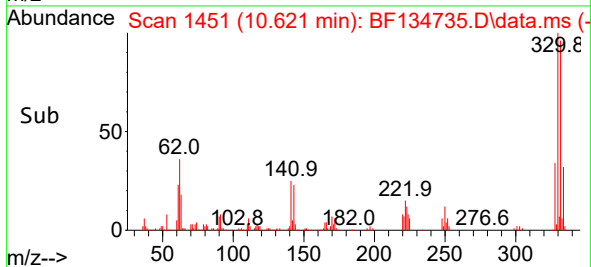
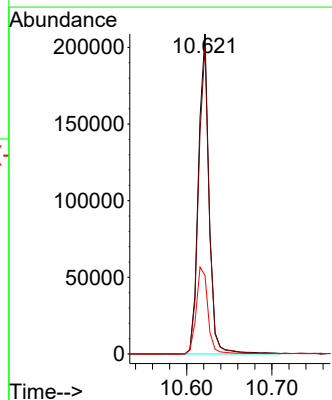
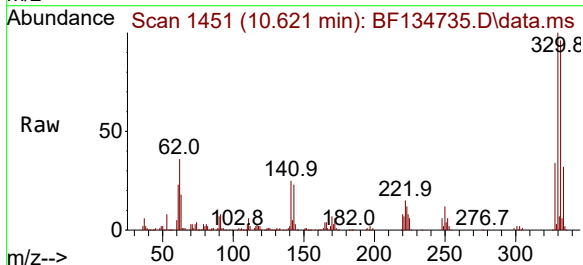
Instrument :
BNA_F
ClientSampleId :
B-PP04B

Tgt Ion:164 Resp: 272313
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 45.1 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 65.359 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134735.D
Acq: 11 Aug 2023 16:34

Tgt Ion:330 Resp: 181434
Ion Ratio Lower Upper
330 100
332 95.5 78.8 118.2
141 29.9 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 58.325 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134735.D

Acq: 11 Aug 2023 16:34

Instrument :

BNA_F

ClientSampleId :

B-PP04B

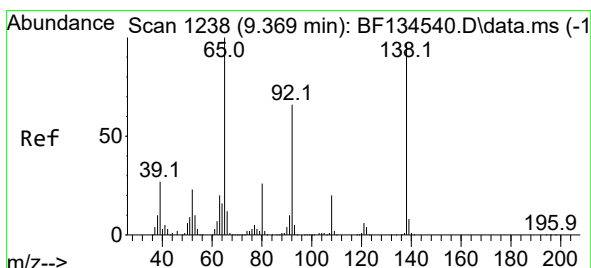
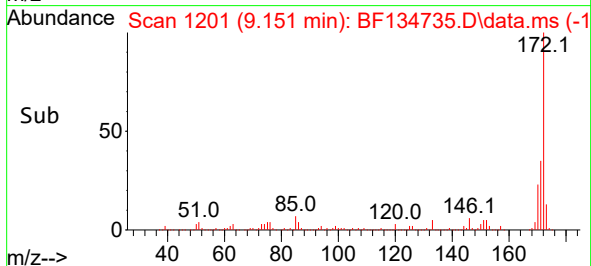
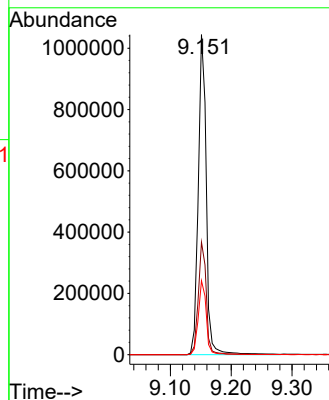
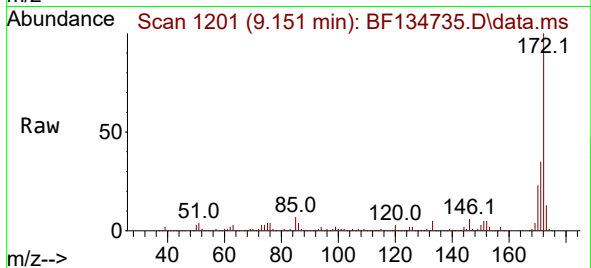
Tgt Ion:172 Resp: 955233

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.1 18.7 28.1



#48

2-Nitroaniline

Concen: 3.178 ng

RT: 9.404 min Scan# 1244

Delta R.T. 0.023 min

Lab File: BF134735.D

Acq: 11 Aug 2023 16:34

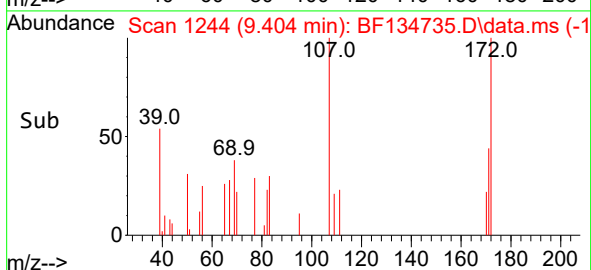
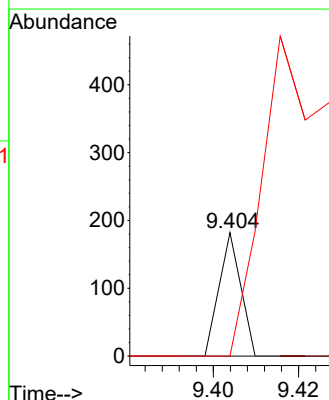
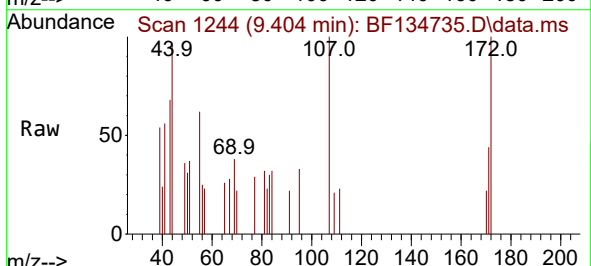
Tgt Ion: 65 Resp: 64

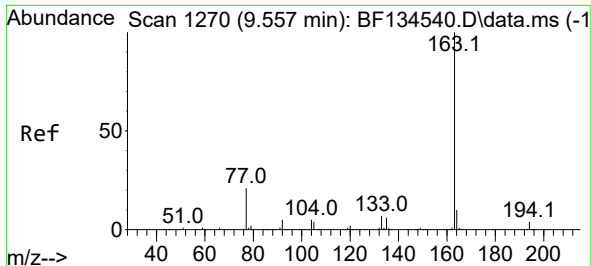
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

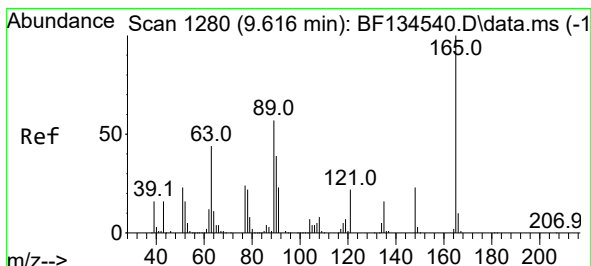
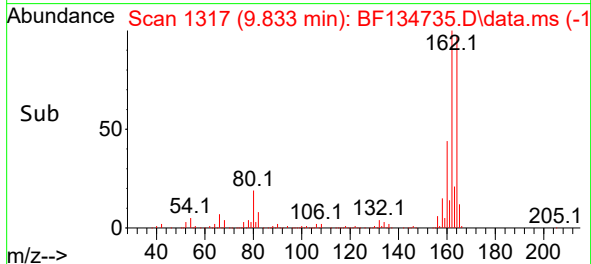
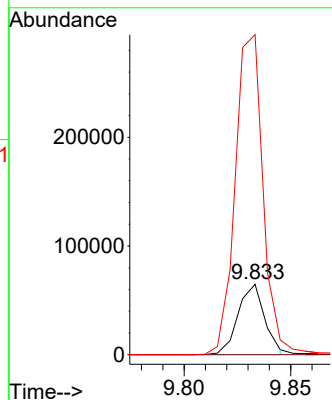
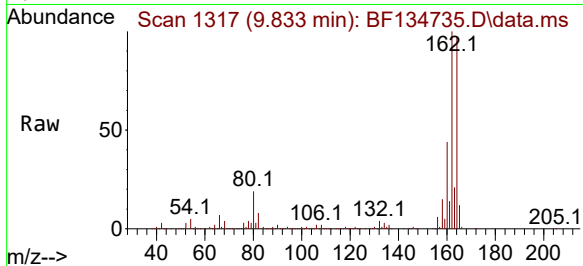




#50
Dimethylphthalate
Concen: 3.040 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF134735.D
Acq: 11 Aug 2023 16:34

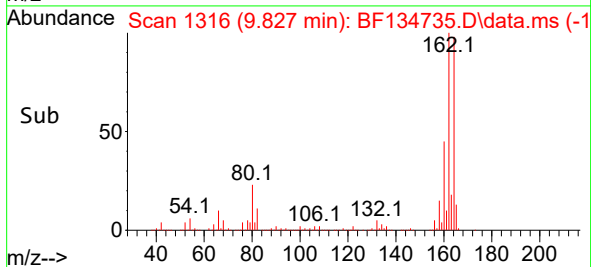
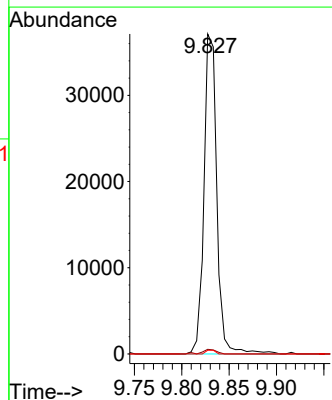
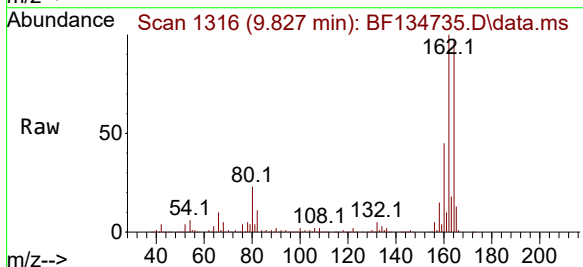
Instrument :
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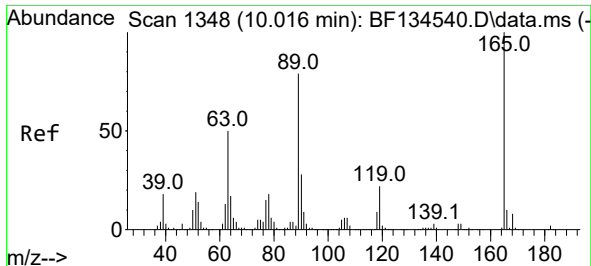
Tgt Ion:163 Resp: 56418
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 454.5 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.259 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF134735.D
Acq: 11 Aug 2023 16:34

Tgt Ion:165 Resp: 35153
Ion Ratio Lower Upper
165 100
63 1.4 57.8 86.6#
89 1.1 51.8 77.8#

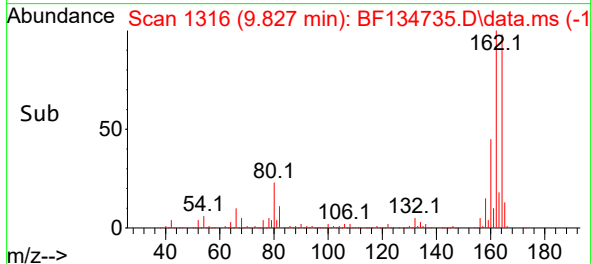
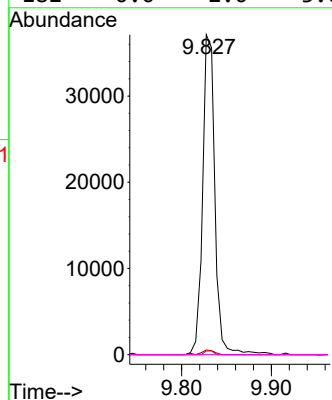
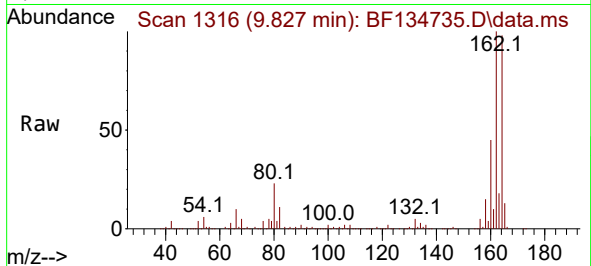




#57
2,4-Dinitrotoluene
Concen: 10.049 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF134735.D
Acq: 11 Aug 2023 16:34

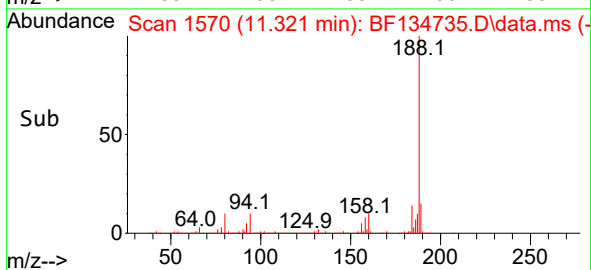
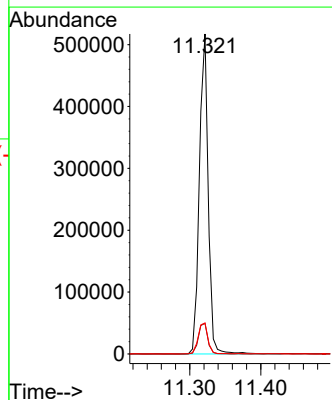
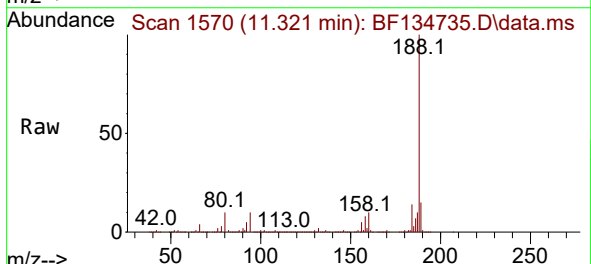
Instrument :
BNA_F
ClientSampleId :
B-PP04B

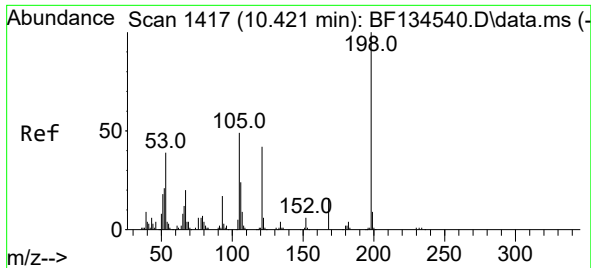
Tgt Ion:165 Resp: 35148
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 1.1 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF134735.D
Acq: 11 Aug 2023 16:34

Tgt Ion:188 Resp: 448565
Ion Ratio Lower Upper
188 100
94 9.5 5.1 7.7#
80 9.7 6.6 9.8

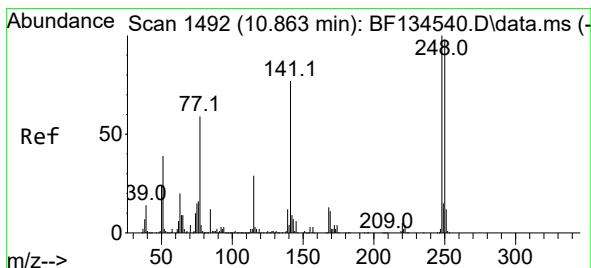
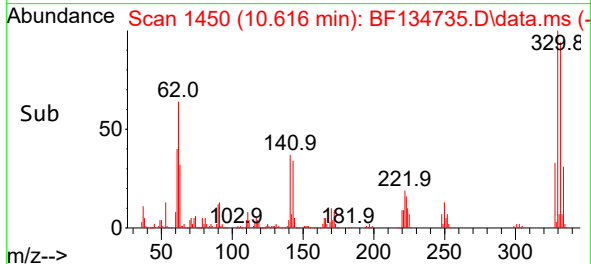
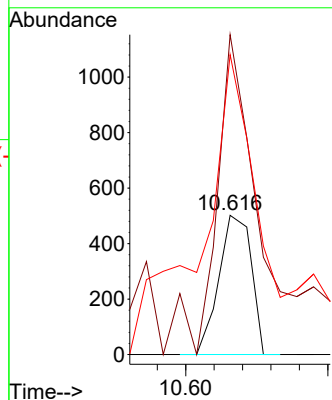
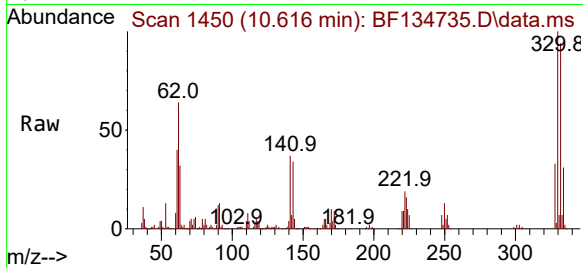




#65
4,6-Dinitro-2-methylphenol
Concen: 8.878 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.176 min
Lab File: BF134735.D
Acq: 11 Aug 2023 16:34

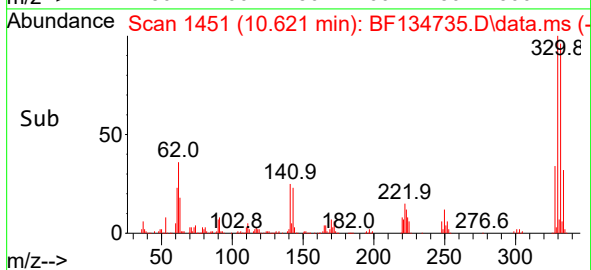
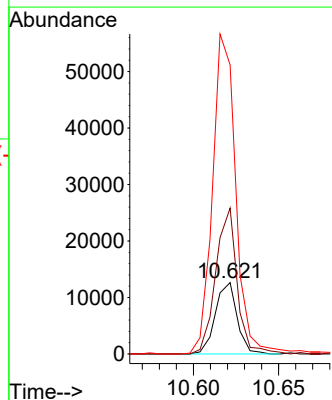
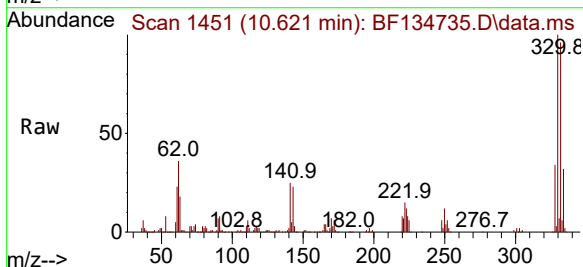
Instrument :
BNA_F
ClientSampleId :
B-PP04B

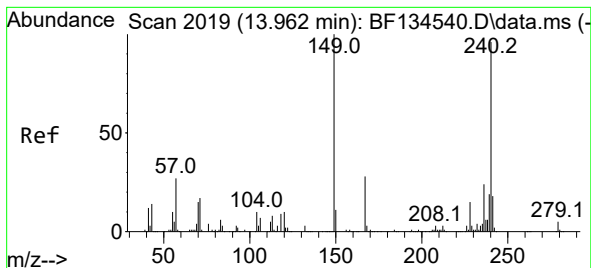
Tgt Ion:198 Resp: 397
Ion Ratio Lower Upper
198 100
51 229.7 38.6 78.6#
105 215.3 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.284 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF134735.D
Acq: 11 Aug 2023 16:34

Tgt Ion:248 Resp: 11214
Ion Ratio Lower Upper
248 100
250 204.2 79.6 119.4#
141 404.5 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF134735.D

Acq: 11 Aug 2023 16:34

Instrument :

BNA_F

ClientSampleId :

B-PP04B

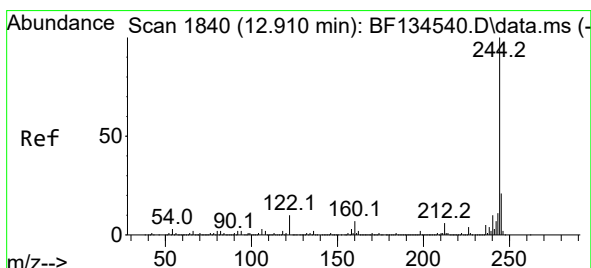
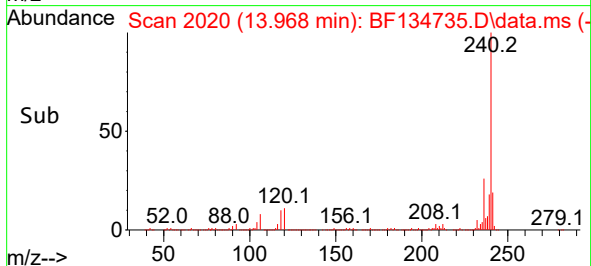
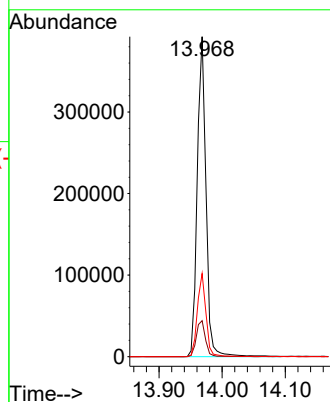
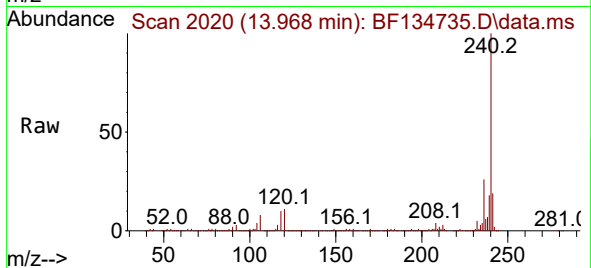
Tgt Ion:240 Resp: 376355

Ion Ratio Lower Upper

240 100

120 11.2 6.6 10.0#

236 26.0 20.2 30.2



#79

Terphenyl-d14

Concen: 42.490 ng

RT: 12.915 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134735.D

Acq: 11 Aug 2023 16:34

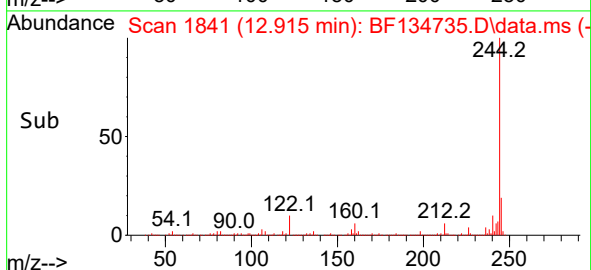
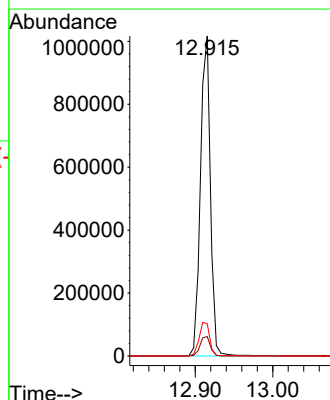
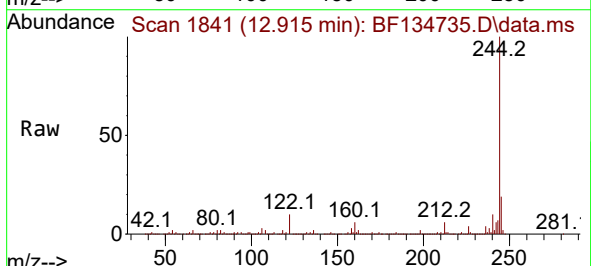
Tgt Ion:244 Resp: 907114

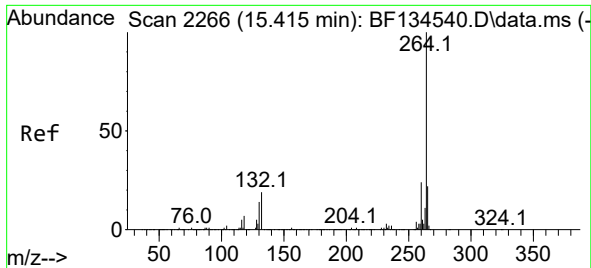
Ion Ratio Lower Upper

244 100

212 6.0 5.6 8.4

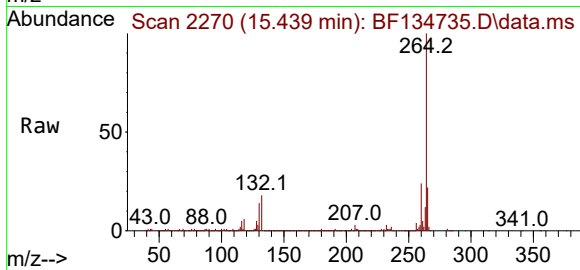
122 10.1 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF134735.D
Acq: 11 Aug 2023 16:34

Instrument :
BNA_F
ClientSampleId :
B-PP04B



Tgt Ion:	264	Resp:	281397
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.4	27.6
265	21.9	15.8	23.8

