

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
 Data File : BF134764.D
 Acq On : 14 Aug 2023 17:41
 Operator : CG\JU
 Sample : 03989-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP24A

Quant Time: Aug 15 00:32:47 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)

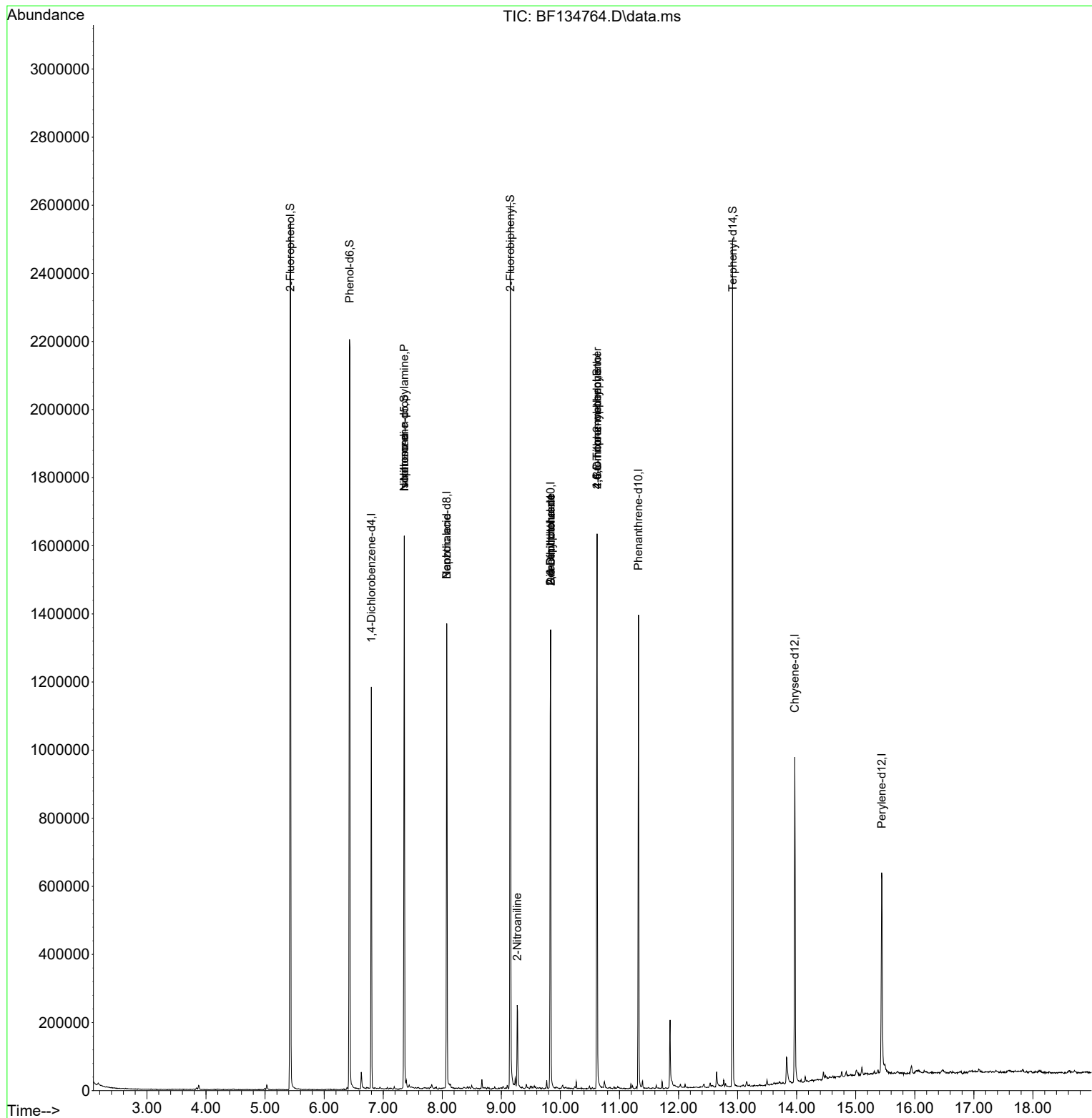
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	156441	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	595919	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	271663	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	477666	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	313475	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	304702	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	670481	65.149	ng	0.00
7) Phenol-d6	6.434	99	806432	61.299	ng	0.00
23) Nitrobenzene-d5	7.357	82	469184	49.202	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	193755	69.964	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	856959	52.450	ng	-0.01
79) Terphenyl-d14	12.916	244	873995	49.150	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.393	77	56	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	61376	7.792 ng	#	75
25) Isophorone	7.357	82	464051	22.312 ng	#	65
32) Benzoic acid	8.075	122	134	7.886 ng	#	1
48) 2-Nitroaniline	9.269	65	2591	3.656 ng	#	14
50) Dimethylphthalate	9.834	163	55938	3.021 ng	#	1
51) 2,6-Dinitrotoluene	9.834	165	33905	10.968 ng	#	17
57) 2,4-Dinitrotoluene	9.834	165	33905	9.811 ng	#	18
65) 4,6-Dinitro-2-methylph...	10.622	198	404	8.870 ng	#	1
67) 4-Bromophenyl-phenylether	10.622	248	12033	2.301 ng	#	1

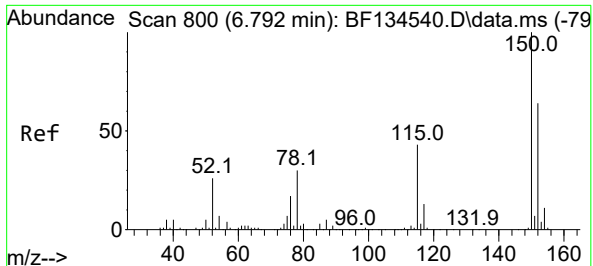
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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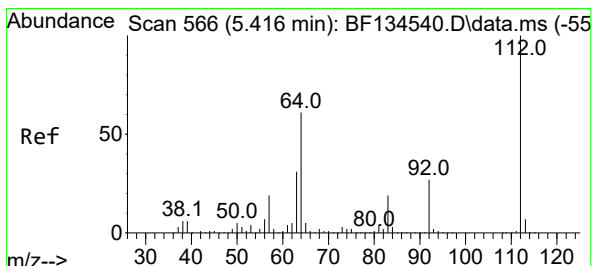
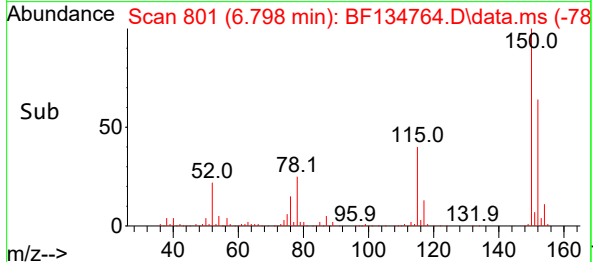
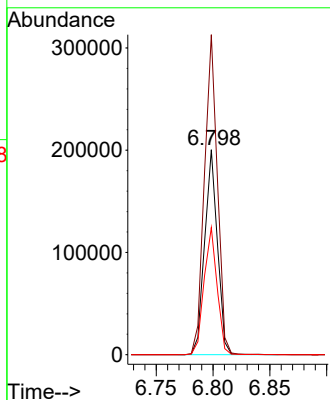
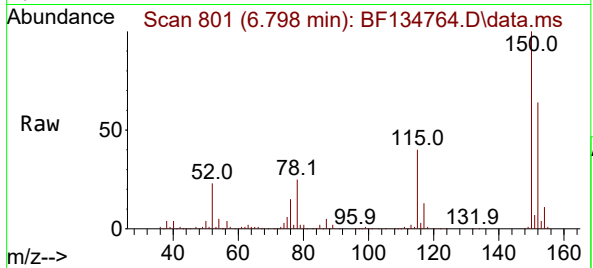




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134764.D
Acq: 14 Aug 2023 17:41

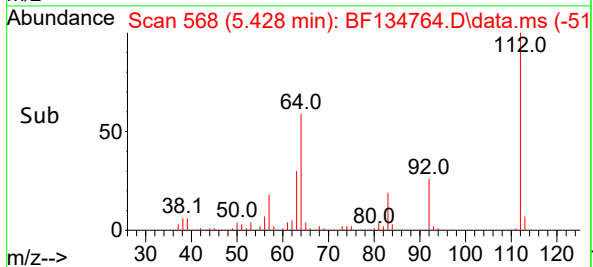
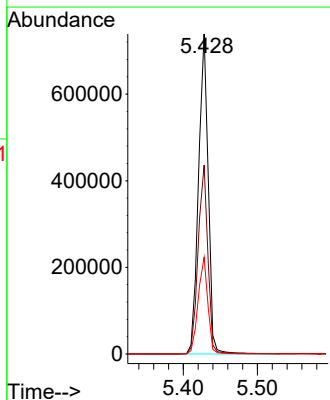
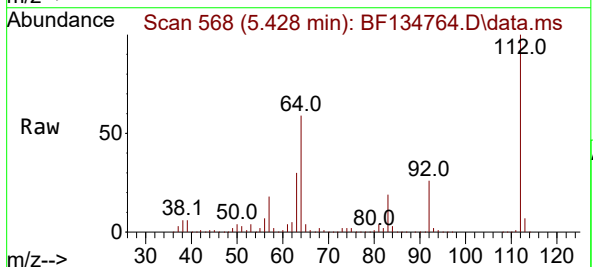
Instrument :
BNA_F
ClientSampleId :
B-PP24A

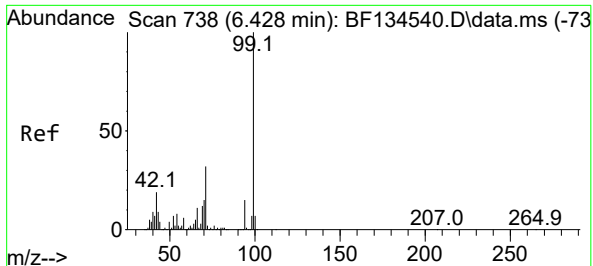
Tgt Ion:152 Resp: 156441
Ion Ratio Lower Upper
152 100
150 156.1 128.3 192.5
115 62.0 52.4 78.6



#5
2-Fluorophenol
Concen: 65.149 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134764.D
Acq: 14 Aug 2023 17:41

Tgt Ion:112 Resp: 670481
Ion Ratio Lower Upper
112 100
64 59.0 44.9 67.3
63 30.2 25.4 38.0

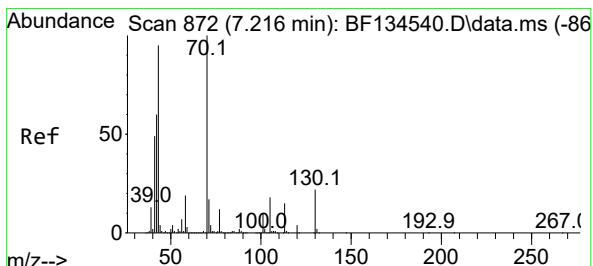
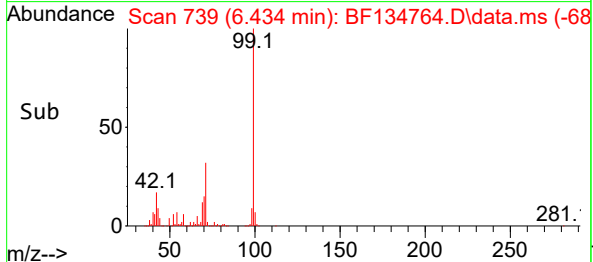
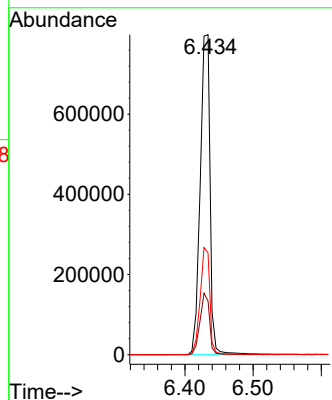
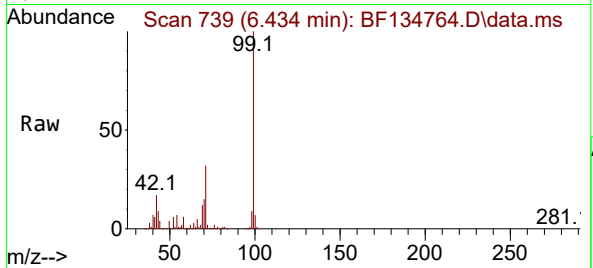




#7
Phenol-d6
Concen: 61.299 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134764.D
Acq: 14 Aug 2023 17:41

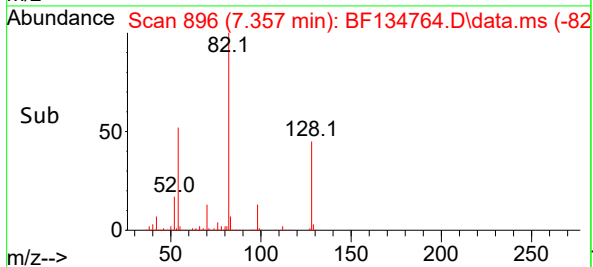
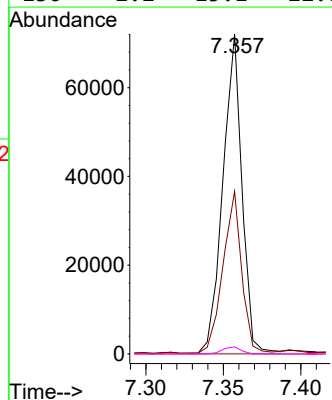
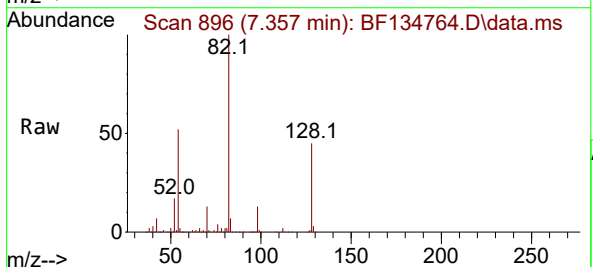
Instrument :
BNA_F
ClientSampleId :
B-PP24A

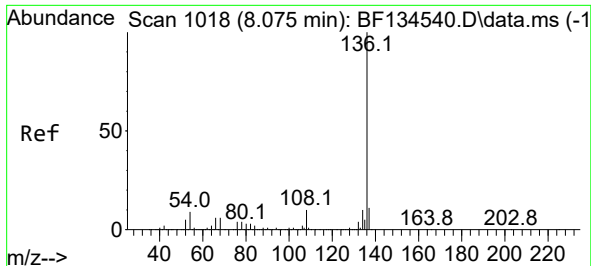
Tgt Ion: 99 Resp: 806432
Ion Ratio Lower Upper
99 100
42 16.7 18.7 28.1#
71 31.8 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 7.792 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134764.D
Acq: 14 Aug 2023 17:41

Tgt Ion: 70 Resp: 61376
Ion Ratio Lower Upper
70 100
42 50.8 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: 8.075 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF134764.D

Acq: 14 Aug 2023 17:41

Instrument :

BNA_F

ClientSampleId :

B-PP24A

Tgt Ion:136 Resp: 595919

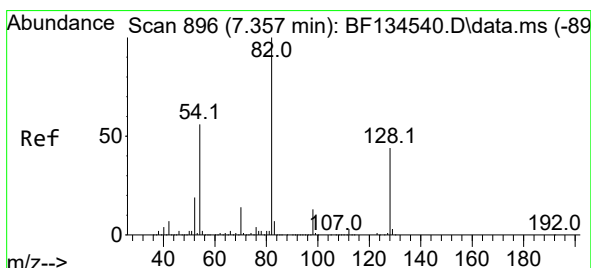
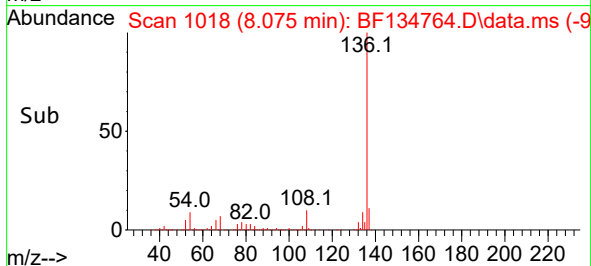
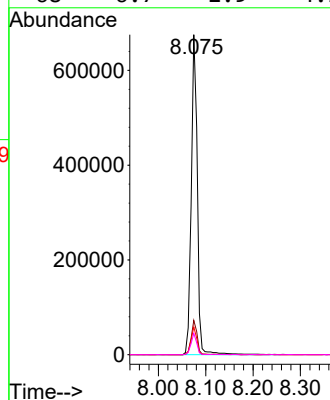
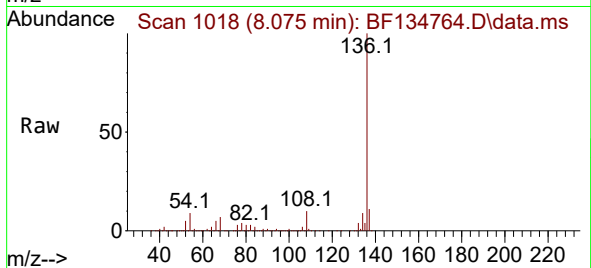
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 8.7 5.2 7.8#

68 6.7 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 49.202 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134764.D

Acq: 14 Aug 2023 17:41

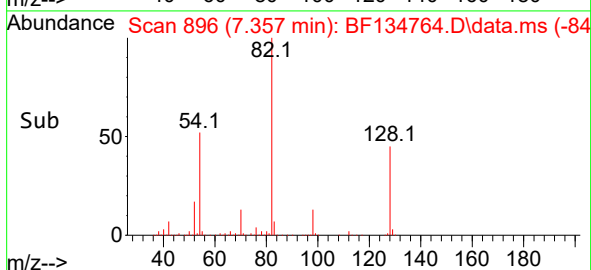
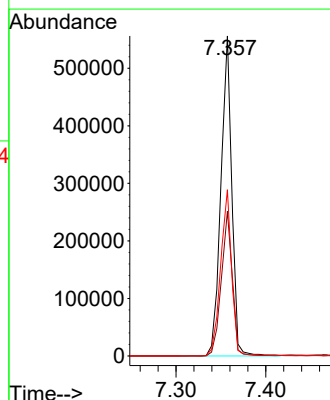
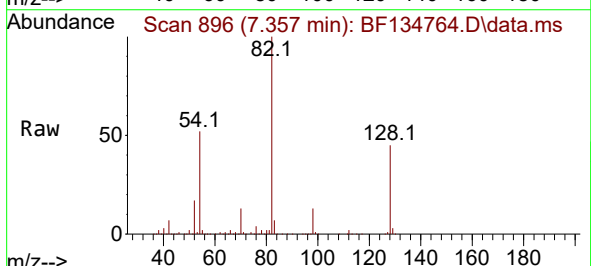
Tgt Ion: 82 Resp: 469184

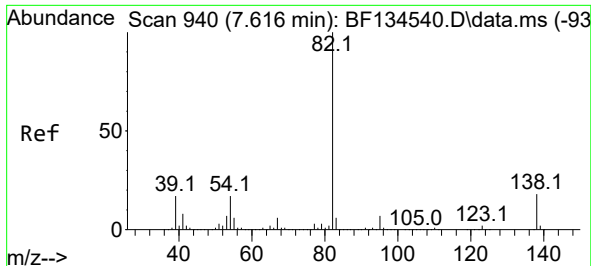
Ion Ratio Lower Upper

82 100

128 45.3 34.3 51.5

54 51.9 43.8 65.6

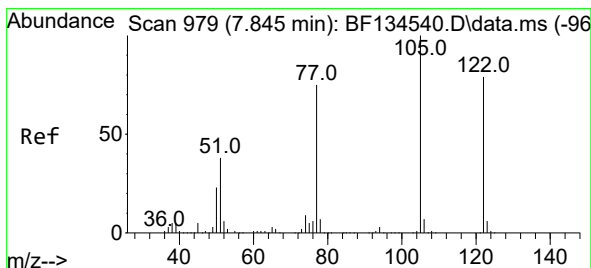
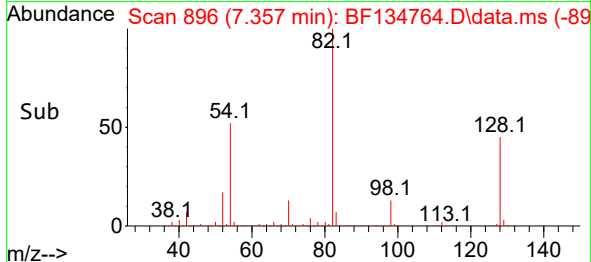
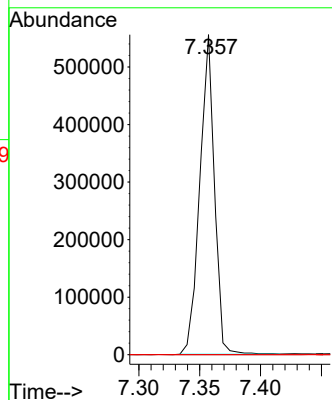
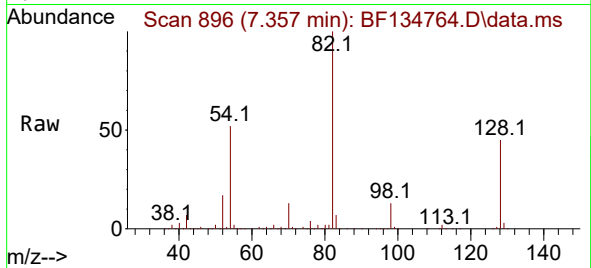




#25
Isophorone
Concen: 22.312 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF134764.D
Acq: 14 Aug 2023 17:41

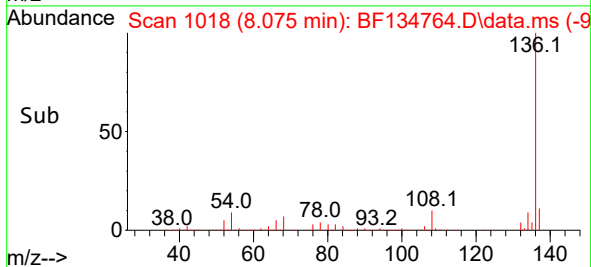
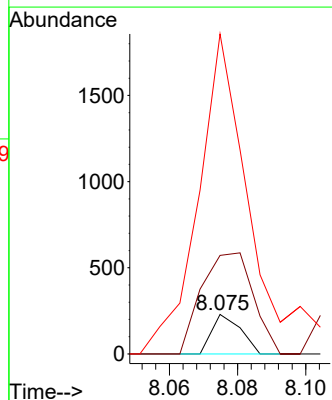
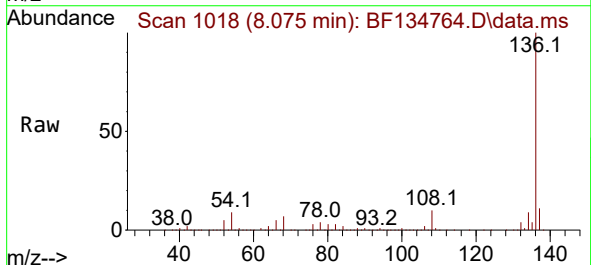
Instrument :
BNA_F
ClientSampleId :
B-PP24A

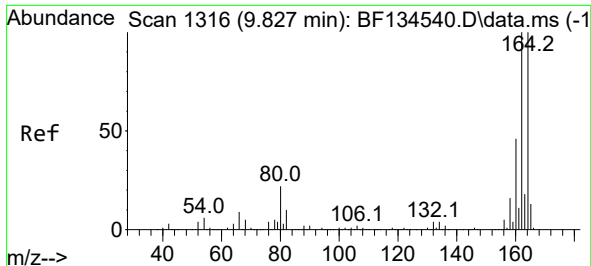
Tgt Ion: 82 Resp: 464051
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.886 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.212 min
Lab File: BF134764.D
Acq: 14 Aug 2023 17:41

Tgt Ion:122 Resp: 134
Ion Ratio Lower Upper
122 100
105 249.8 87.5 127.5#
77 810.9 71.4 111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134764.D

Acq: 14 Aug 2023 17:41

Instrument :

BNA_F

ClientSampleId :

B-PP24A

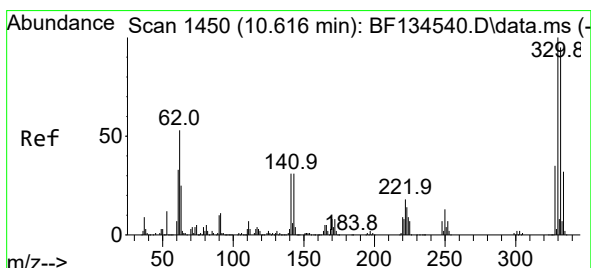
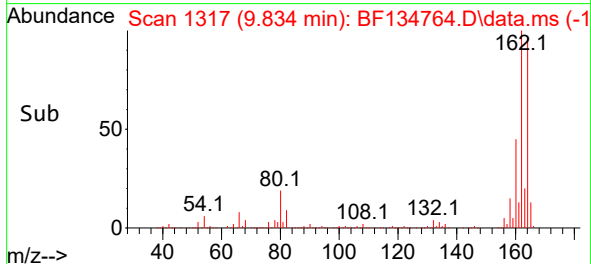
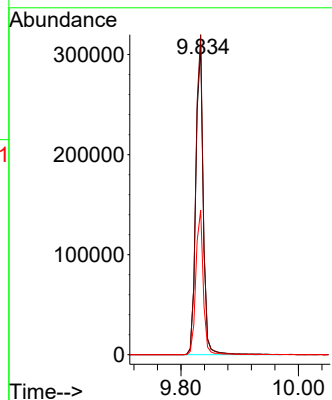
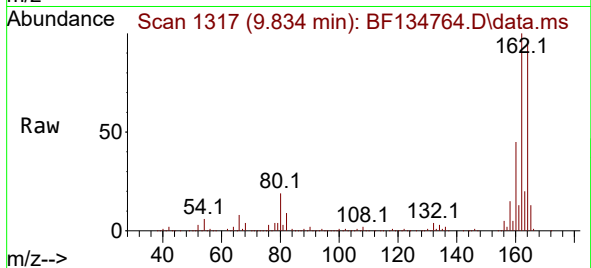
Tgt Ion:164 Resp: 271663

Ion Ratio Lower Upper

164 100

162 103.6 82.6 123.8

160 46.8 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 69.964 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134764.D

Acq: 14 Aug 2023 17:41

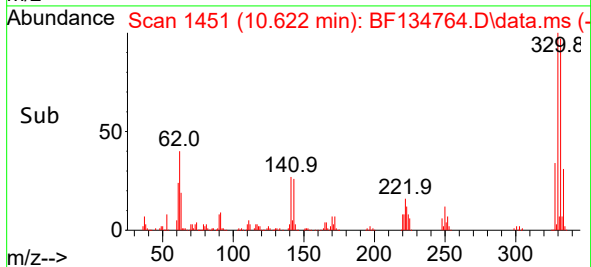
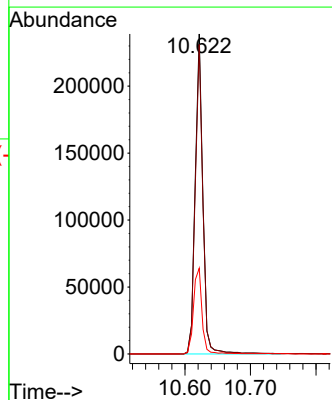
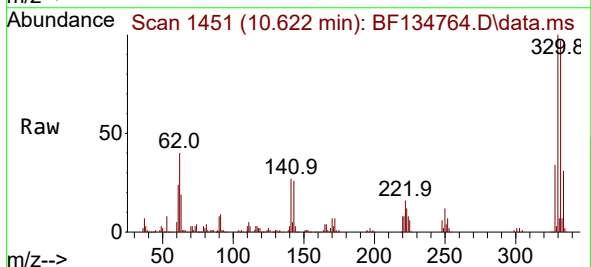
Tgt Ion:330 Resp: 193755

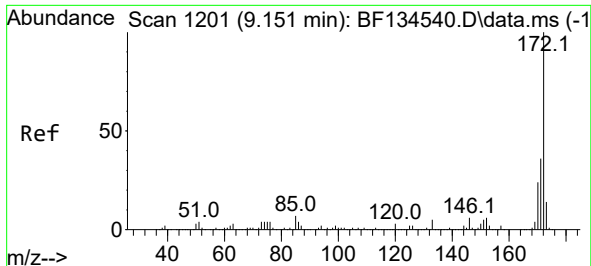
Ion Ratio Lower Upper

330 100

332 96.8 78.8 118.2

141 29.9 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 52.450 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134764.D

Acq: 14 Aug 2023 17:41

Instrument :

BNA_F

ClientSampleId :

B-PP24A

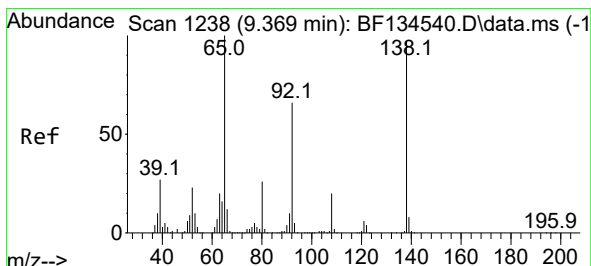
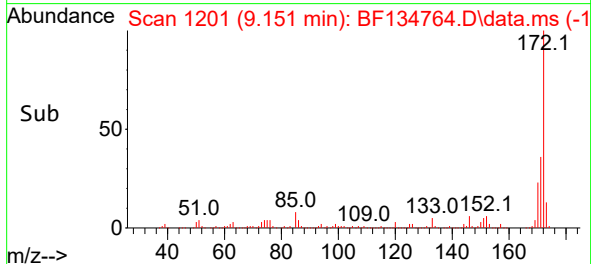
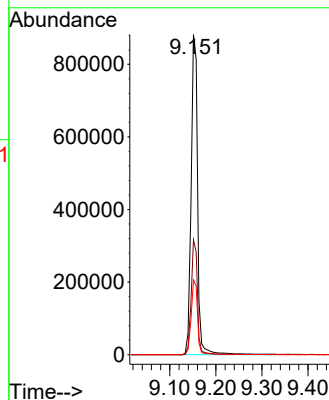
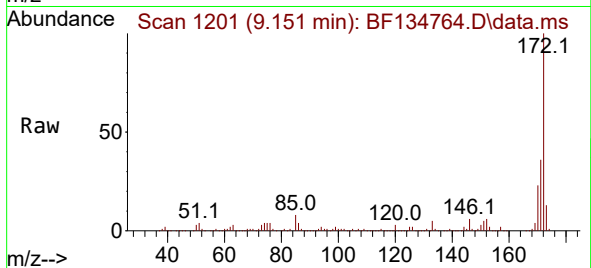
Tgt Ion:172 Resp: 856959

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.4 18.7 28.1



#48

2-Nitroaniline

Concen: 3.656 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.112 min

Lab File: BF134764.D

Acq: 14 Aug 2023 17:41

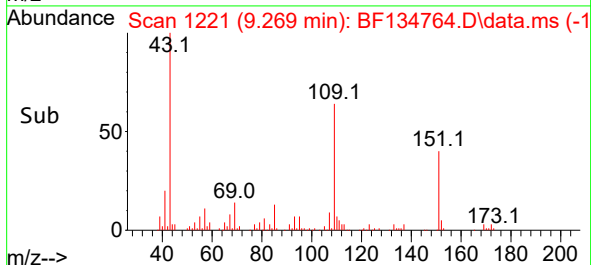
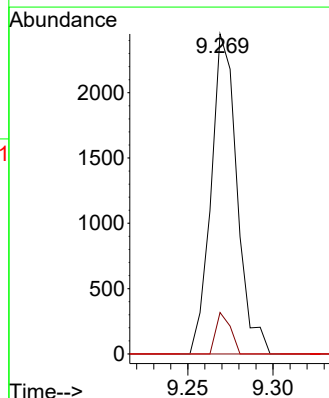
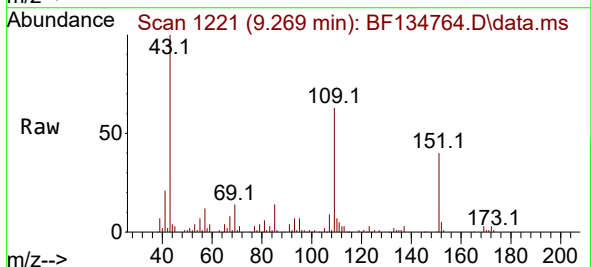
Tgt Ion: 65 Resp: 2591

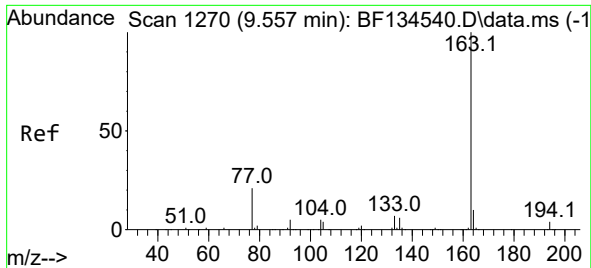
Ion Ratio Lower Upper

65 100

92 12.9 50.7 76.1#

138 0.0 78.2 117.4#

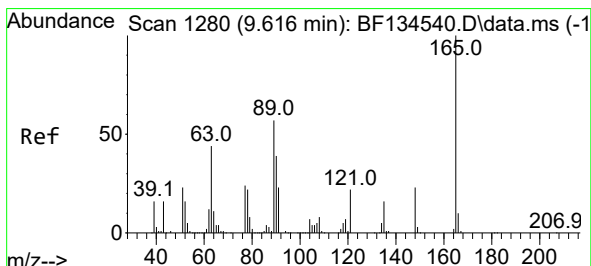
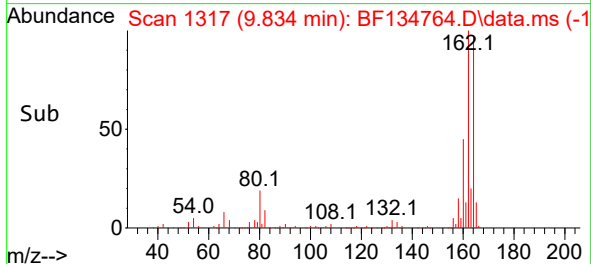
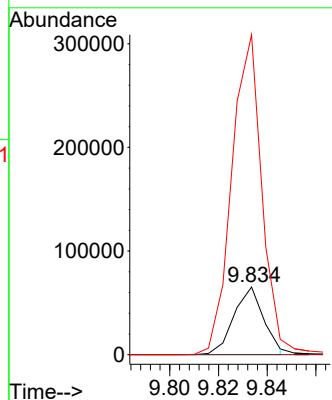
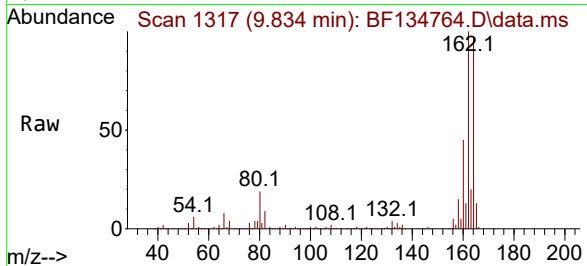




#50
Dimethylphthalate
Concen: 3.021 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134764.D
Acq: 14 Aug 2023 17:41

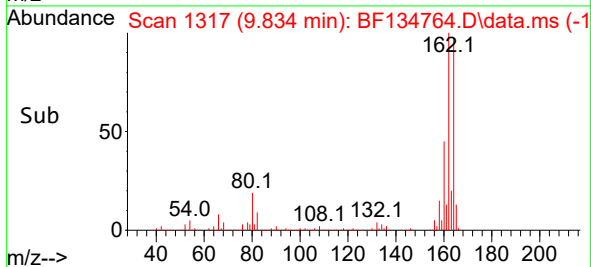
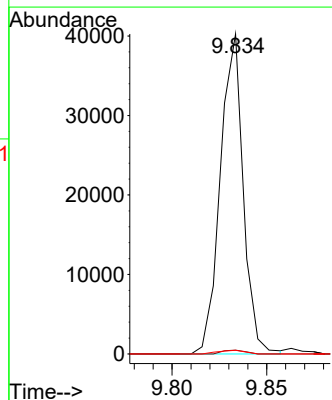
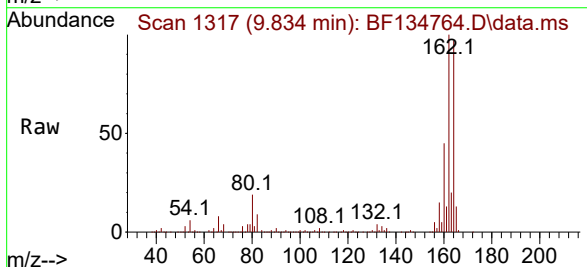
Instrument :
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B-PP24A

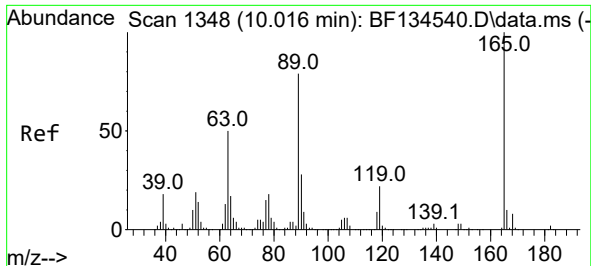
Tgt Ion:163 Resp: 55938
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 472.2 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 10.968 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134764.D
Acq: 14 Aug 2023 17:41

Tgt Ion:165 Resp: 33905
Ion Ratio Lower Upper
165 100
63 1.2 57.8 86.6#
89 1.2 51.8 77.8#

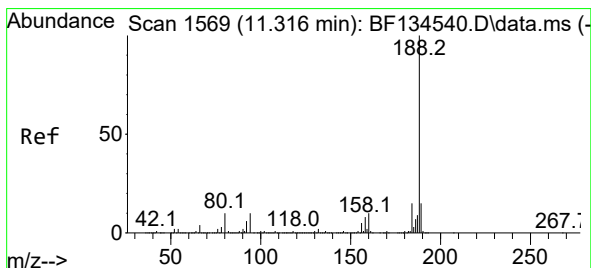
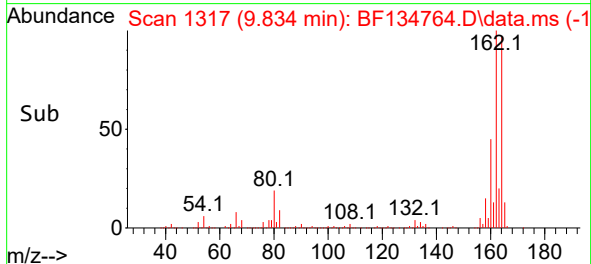
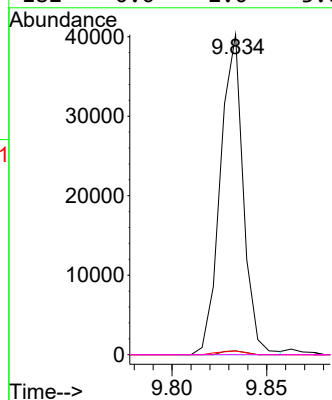
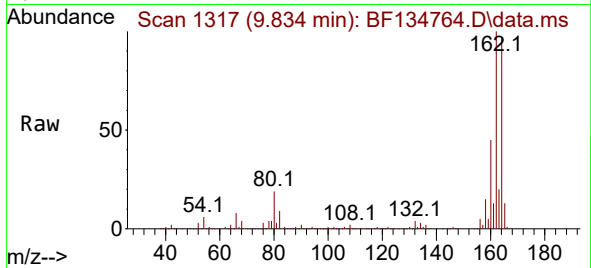




#57
2,4-Dinitrotoluene
Concen: 9.811 ng
RT: 9.834 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134764.D
Acq: 14 Aug 2023 17:41

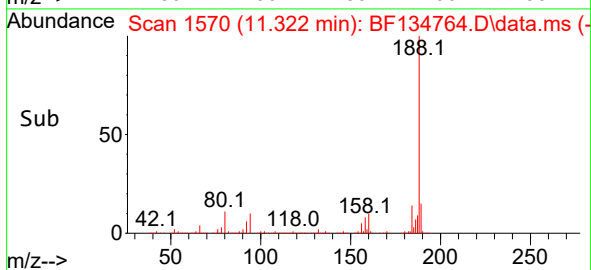
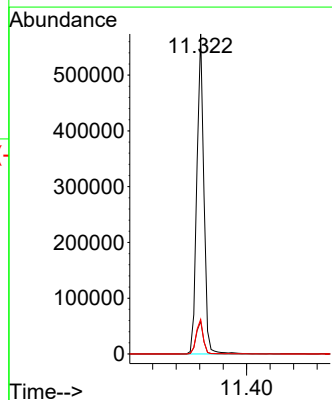
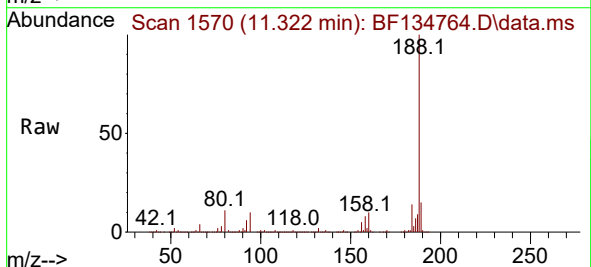
Instrument :
BNA_F
ClientSampleId :
B-PP24A

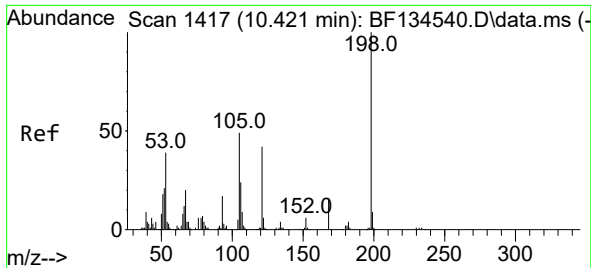
Tgt Ion:165 Resp: 33905
Ion Ratio Lower Upper
165 100
63 1.2 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF134764.D
Acq: 14 Aug 2023 17:41

Tgt Ion:188 Resp: 477666
Ion Ratio Lower Upper
188 100
94 10.2 5.1 7.7#
80 10.9 6.6 9.8#

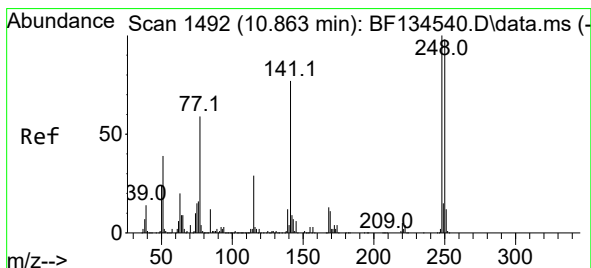
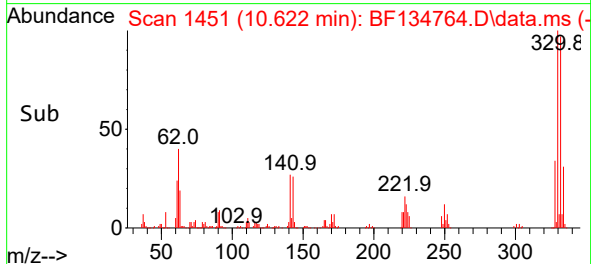
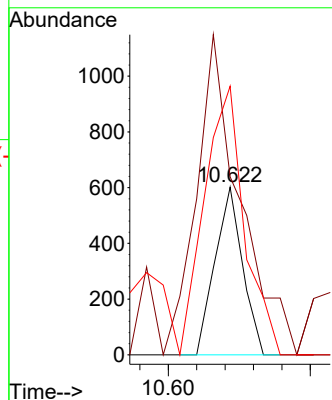
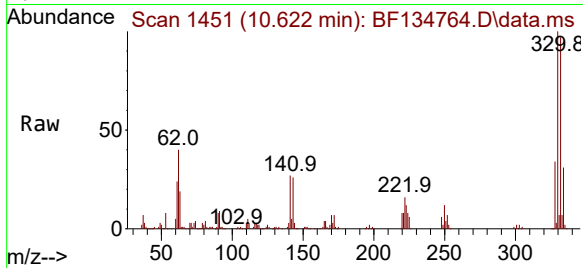




#65
4,6-Dinitro-2-methylphenol
Concen: 8.870 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.183 min
Lab File: BF134764.D
Acq: 14 Aug 2023 17:41

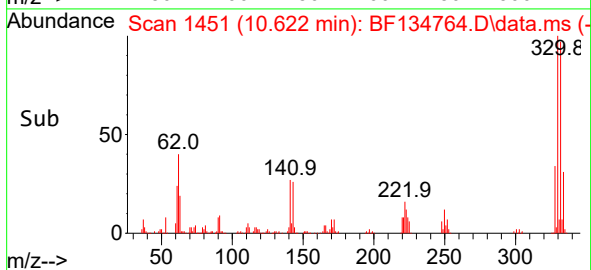
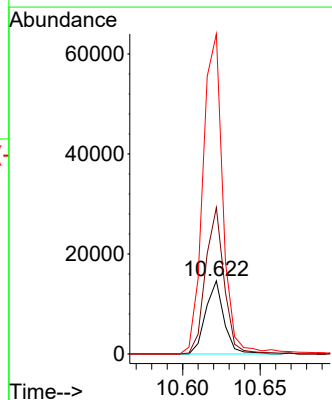
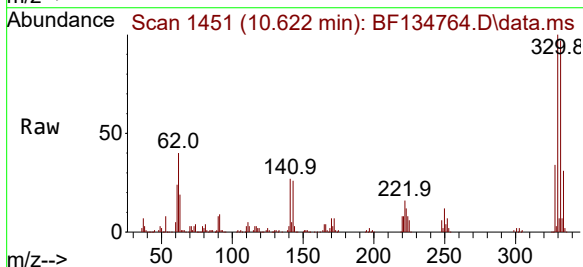
Instrument :
BNA_F
ClientSampleId :
B-PP24A

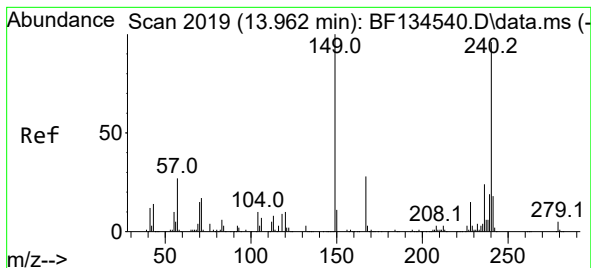
Tgt Ion:198 Resp: 404
Ion Ratio Lower Upper
198 100
51 106.1 38.6 78.6#
105 160.1 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.301 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF134764.D
Acq: 14 Aug 2023 17:41

Tgt Ion:248 Resp: 12033
Ion Ratio Lower Upper
248 100
250 200.0 79.6 119.4#
141 437.2 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134764.D

Acq: 14 Aug 2023 17:41

Instrument :

BNA_F

ClientSampleId :

B-PP24A

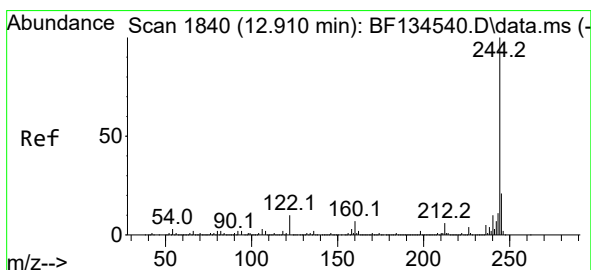
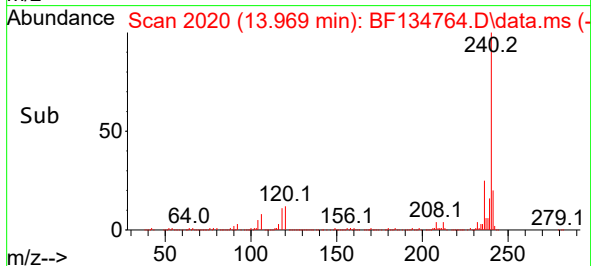
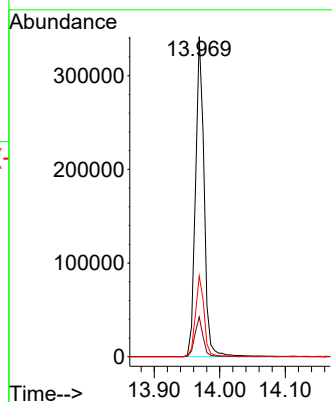
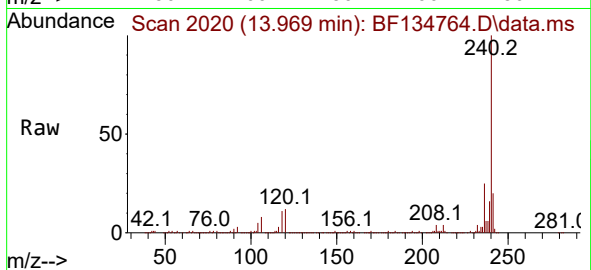
Tgt Ion:240 Resp: 313475

Ion Ratio Lower Upper

240 100

120 12.4 6.6 10.0#

236 25.2 20.2 30.2



#79

Terphenyl-d14

Concen: 49.150 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134764.D

Acq: 14 Aug 2023 17:41

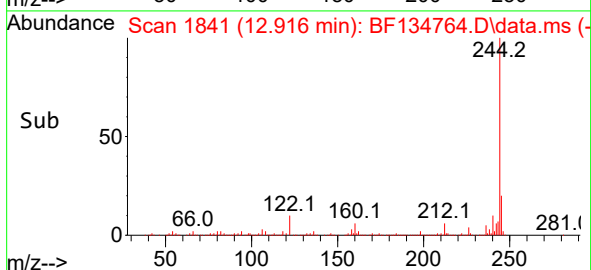
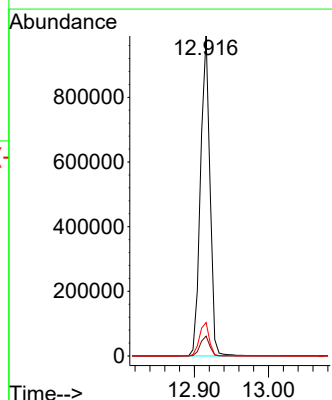
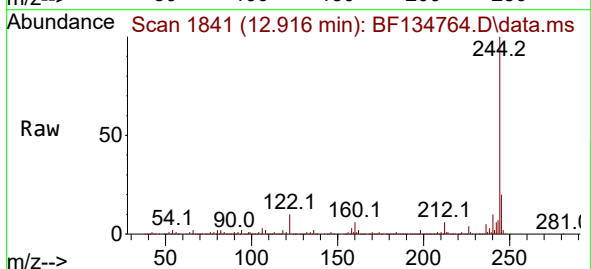
Tgt Ion:244 Resp: 873995

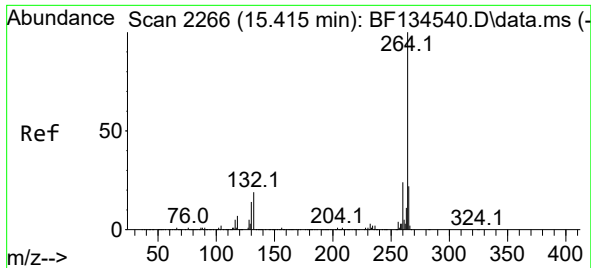
Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

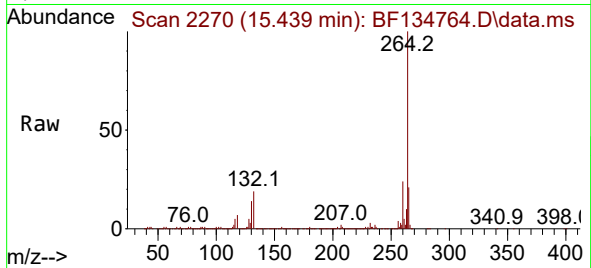
122 10.4 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134764.D
Acq: 14 Aug 2023 17:41

Instrument :
BNA_F
ClientSampleId :
B-PP24A



Tgt Ion:264 Resp: 304702
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 21.1 15.8 23.8

