

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134731.D
 Acq On : 11 Aug 2023 14:13
 Operator : CG\JU
 Sample : PB154767BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154767BL

Quant Time: Aug 11 22:21:34 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)

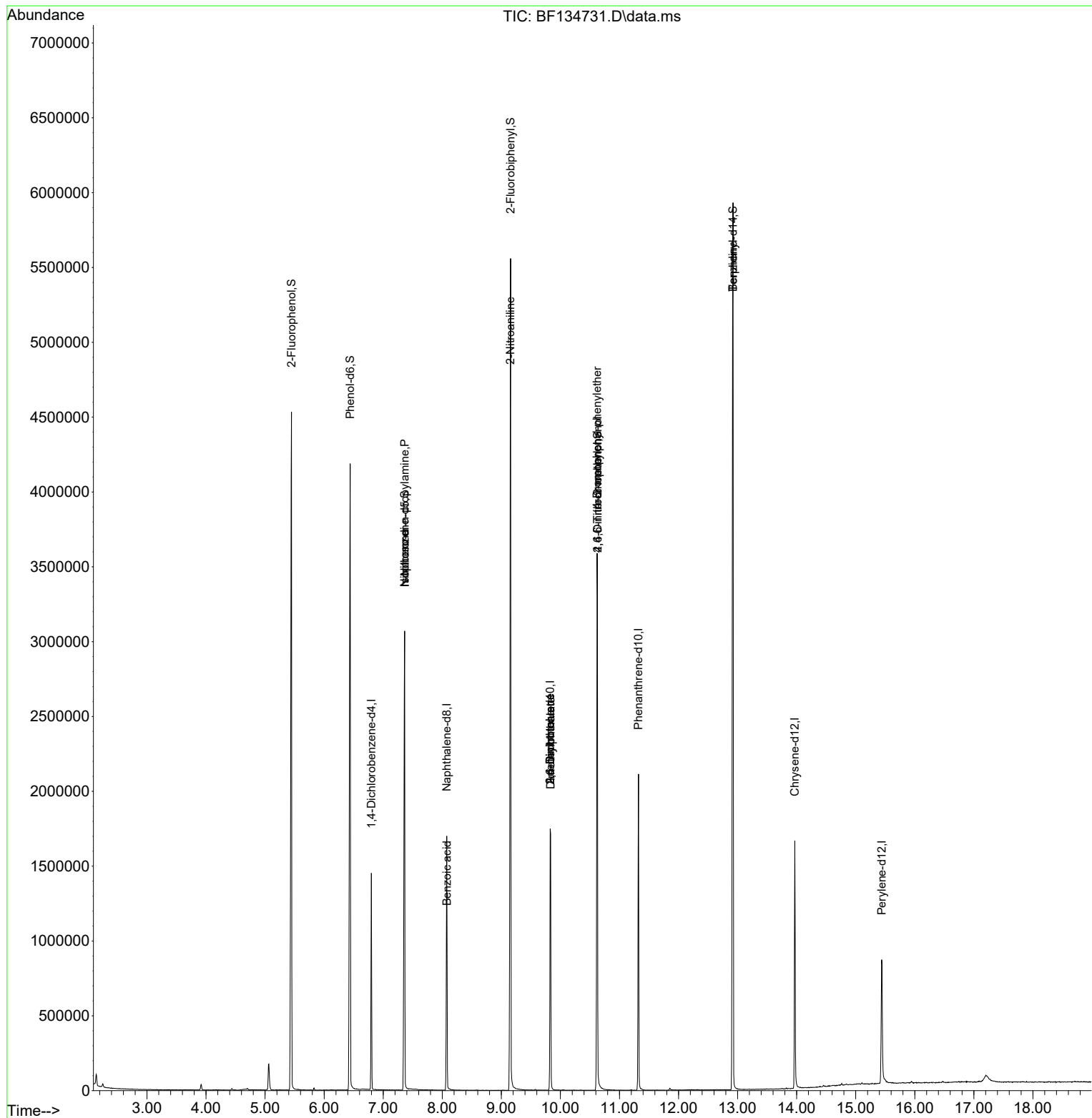
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	190908	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	758509	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	395173	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	766963	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	575172	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	466248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1405039	111.876	ng	0.02
7) Phenol-d6	6.440	99	1763025	109.817	ng	0.00
23) Nitrobenzene-d5	7.363	82	1118115	92.120	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	550036	136.539	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1965431	82.696	ng	0.00
79) Terphenyl-d14	12.922	244	2469520	75.689	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.440	77	2838	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.363	70	151938	15.807	ng	# 71
25) Isophorone	7.363	82	1102297	41.638	ng	# 65
32) Benzoic acid	8.081	122	110	7.879	ng	# 1
48) 2-Nitroaniline	9.151	65	3418	3.611	ng	# 5
50) Dimethylphthalate	9.834	163	79776	2.962	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	51586	11.357	ng	# 17
57) 2,4-Dinitrotoluene	9.828	165	51586	10.130	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.628	198	1163	9.006	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	34459	4.104	ng	# 1
77) Benzidine	12.922	184	29238	2.342	ng	# 95

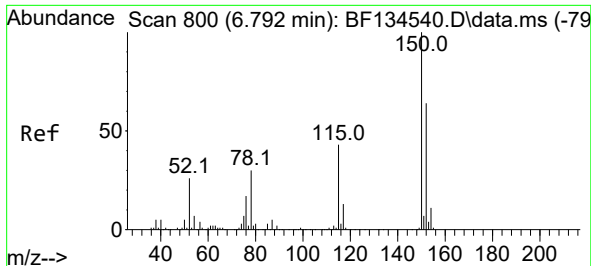
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134731.D
Acq On : 11 Aug 2023 14:13
Operator : CG\JU
Sample : PB154767BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB154767BL

Quant Time: Aug 11 22:21:34 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

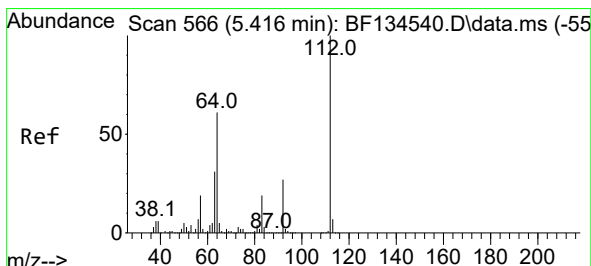
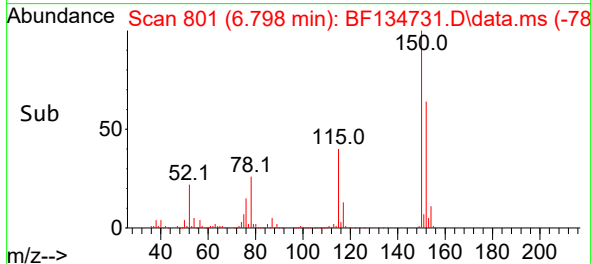
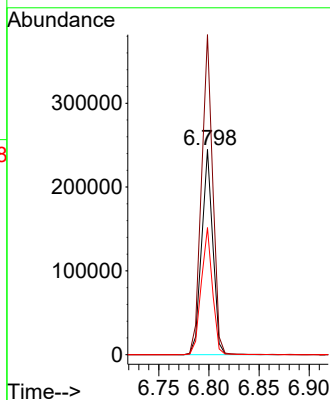
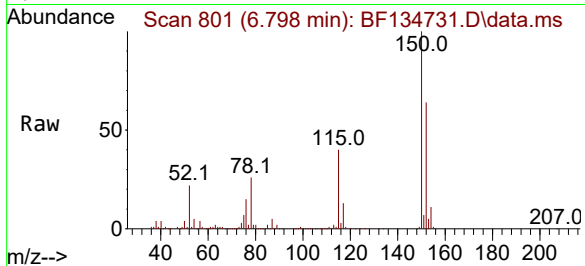




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134731.D
 Acq: 11 Aug 2023 14:13

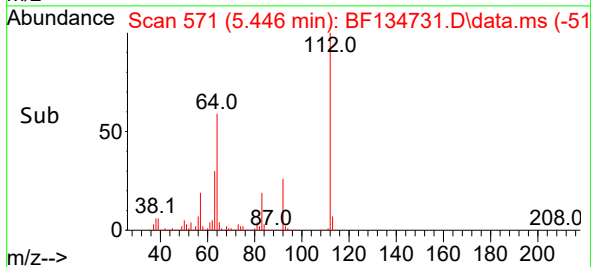
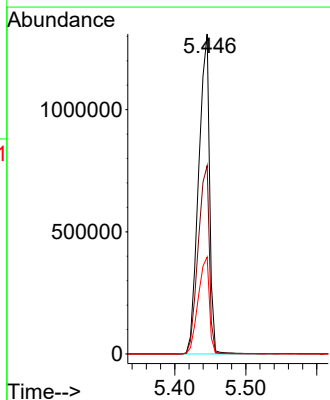
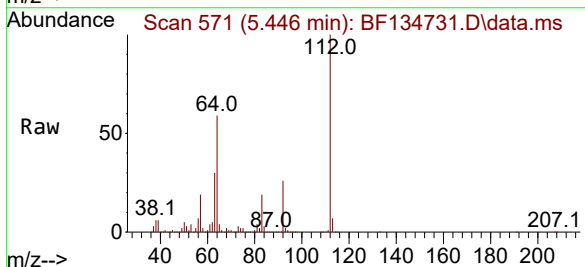
Instrument :
 BNA_F
 ClientSampleId :
 PB154767BL

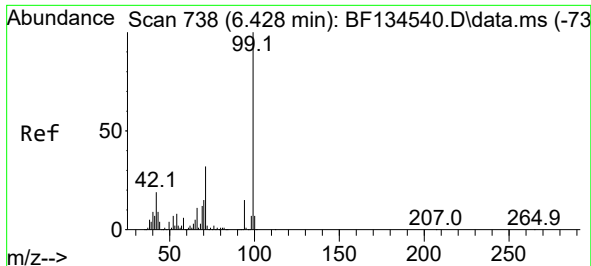
Tgt Ion:152 Resp: 190908
 Ion Ratio Lower Upper
 152 100
 150 156.0 128.3 192.5
 115 61.9 52.4 78.6



#5
 2-Fluorophenol
 Concen: 111.876 ng
 RT: 5.446 min Scan# 571
 Delta R.T. 0.018 min
 Lab File: BF134731.D
 Acq: 11 Aug 2023 14:13

Tgt Ion:112 Resp: 1405039
 Ion Ratio Lower Upper
 112 100
 64 58.8 44.9 67.3
 63 30.3 25.4 38.0

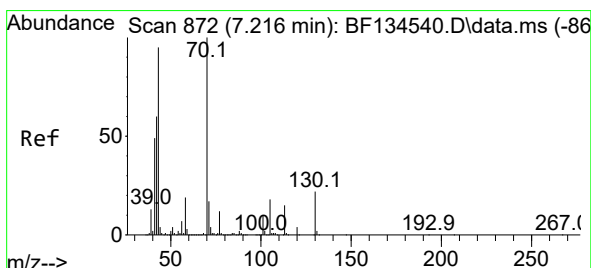
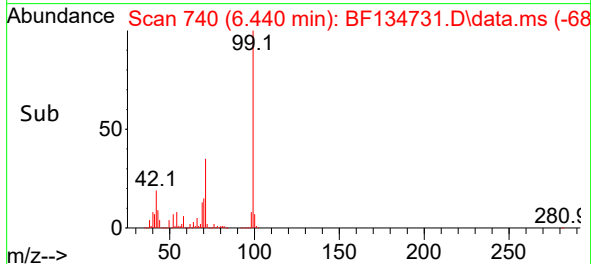
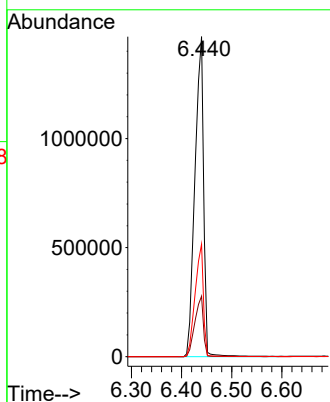
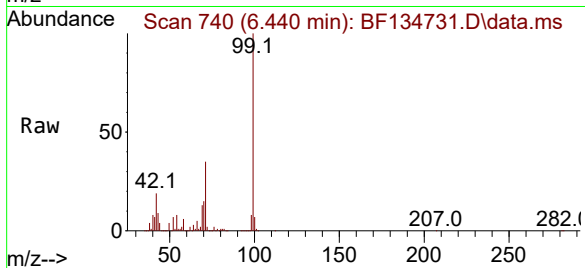




#7
Phenol-d6
Concen: 109.817 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134731.D
Acq: 11 Aug 2023 14:13

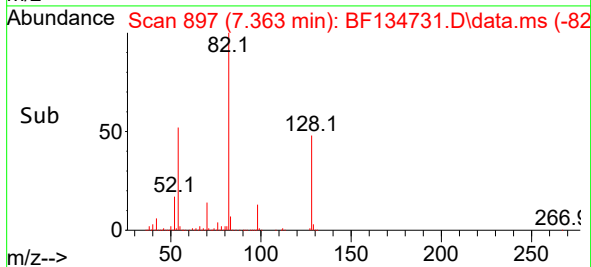
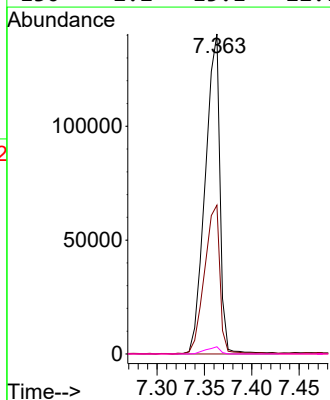
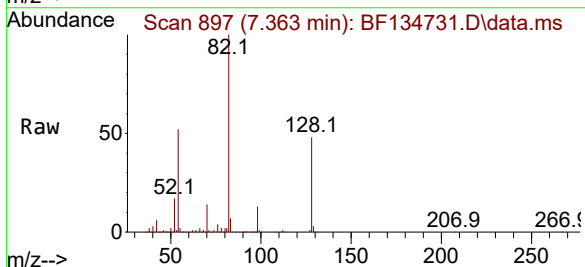
Instrument :
BNA_F
ClientSampleId :
PB154767BL

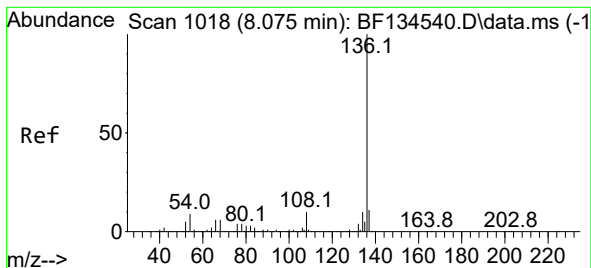
Tgt Ion: 99 Resp: 1763025
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 35.2 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 15.807 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF134731.D
Acq: 11 Aug 2023 14:13

Tgt Ion: 70 Resp: 151938
Ion Ratio Lower Upper
70 100
42 46.5 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: BF134731.D

Acq: 11 Aug 2023 14:13

Instrument :

BNA_F

ClientSampleId :

PB154767BL

Tgt Ion:136 Resp: 758509

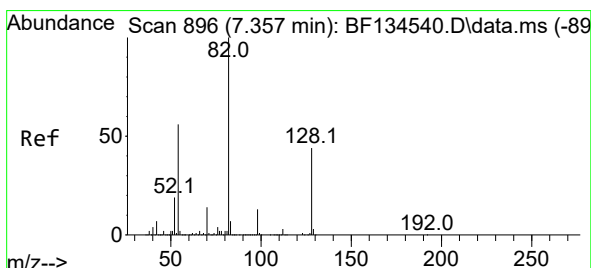
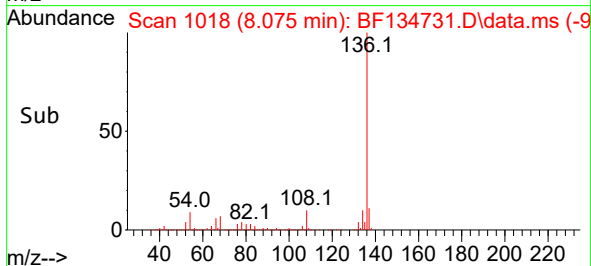
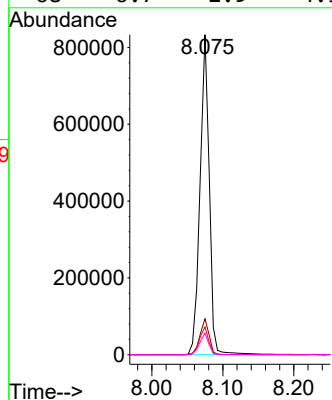
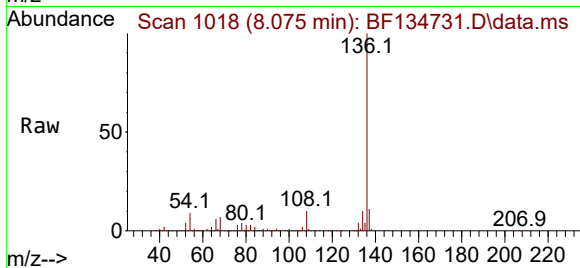
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 8.7 5.2 7.8#

68 6.7 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 92.120 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF134731.D

Acq: 11 Aug 2023 14:13

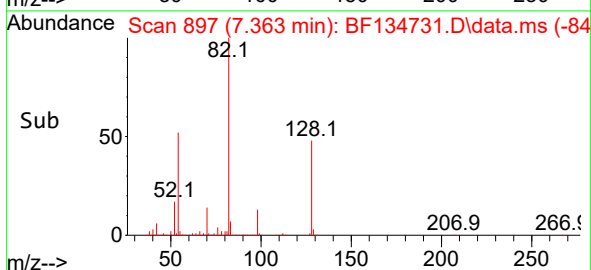
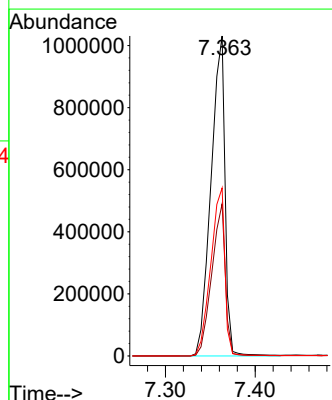
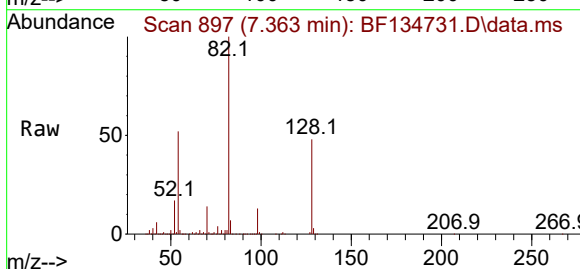
Tgt Ion: 82 Resp: 1118115

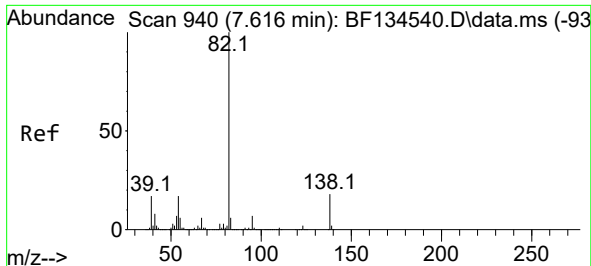
Ion Ratio Lower Upper

82 100

128 47.5 34.3 51.5

54 52.5 43.8 65.6

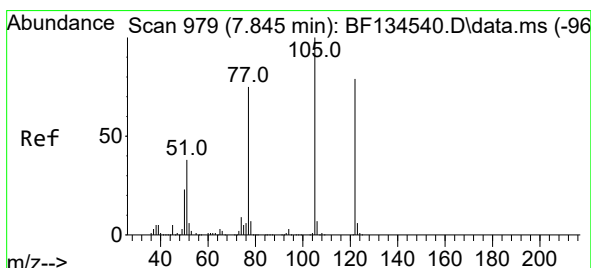
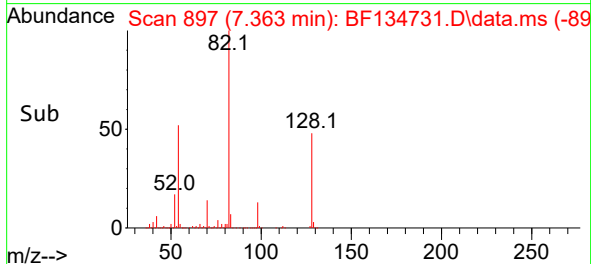
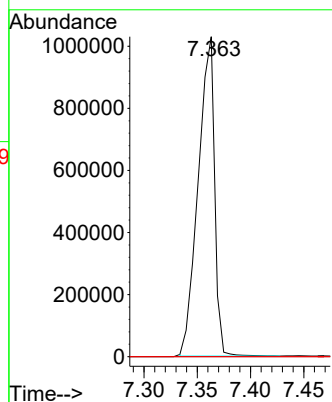
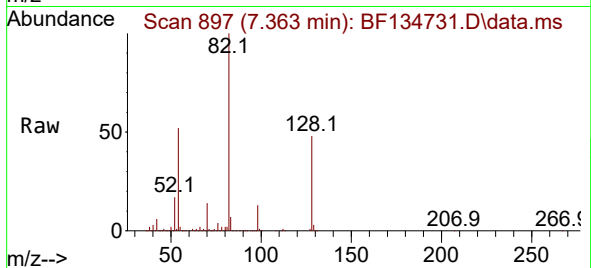




#25
Isophorone
Concen: 41.638 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF134731.D
Acq: 11 Aug 2023 14:13

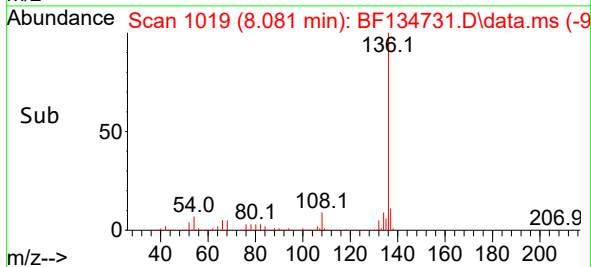
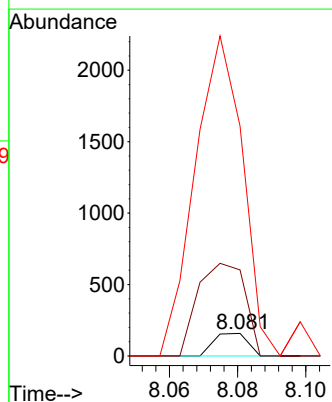
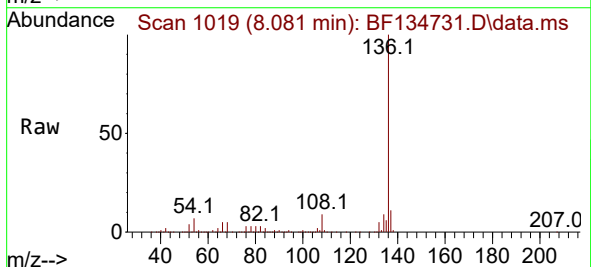
Instrument :
BNA_F
ClientSampleId :
PB154767BL

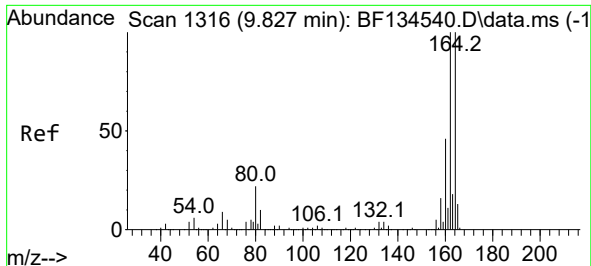
Tgt Ion: 82 Resp: 1102297
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.879 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.218 min
Lab File: BF134731.D
Acq: 11 Aug 2023 14:13

Tgt Ion:122 Resp: 110
Ion Ratio Lower Upper
122 100
105 381.6 87.5 127.5#
77 1018.4 71.4 111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134731.D

Acq: 11 Aug 2023 14:13

Instrument :

BNA_F

ClientSampleId :

PB154767BL

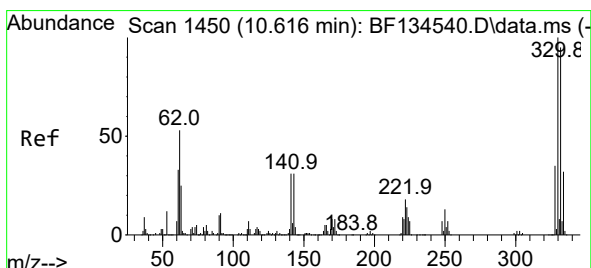
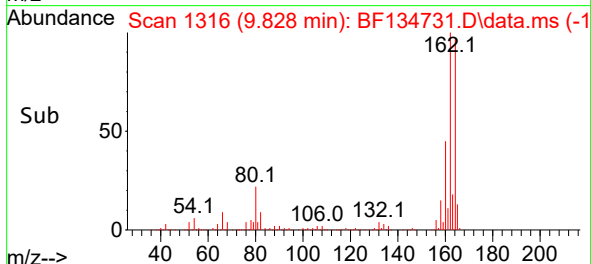
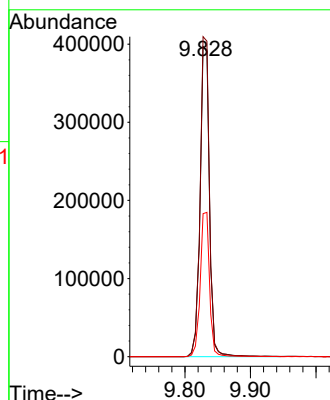
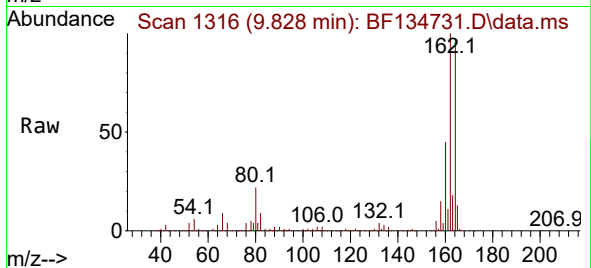
Tgt Ion:164 Resp: 395173

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

160 46.1 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 136.539 ng

RT: 10.628 min Scan# 1452

Delta R.T. 0.000 min

Lab File: BF134731.D

Acq: 11 Aug 2023 14:13

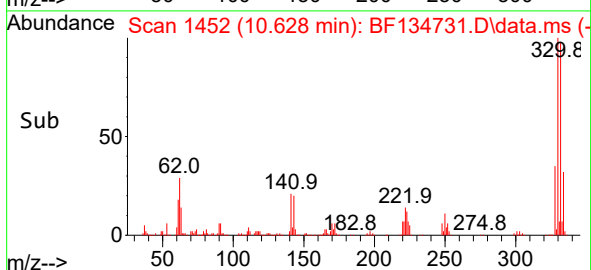
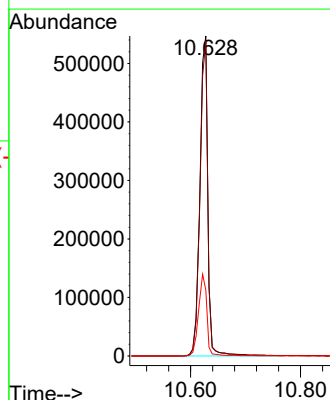
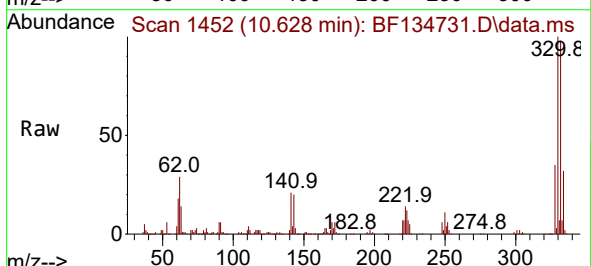
Tgt Ion:330 Resp: 550036

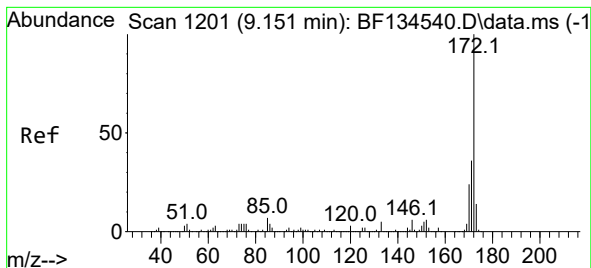
Ion Ratio Lower Upper

330 100

332 97.1 78.8 118.2

141 26.8 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 82.696 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134731.D

Acq: 11 Aug 2023 14:13

Instrument :

BNA_F

ClientSampleId :

PB154767BL

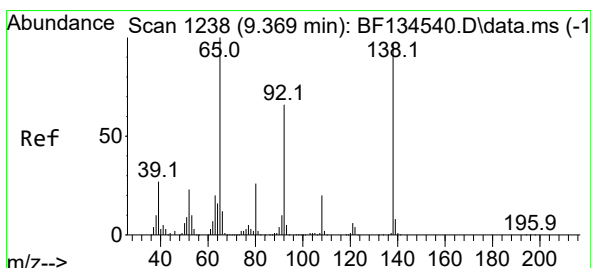
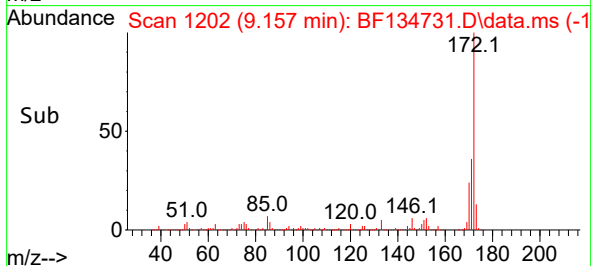
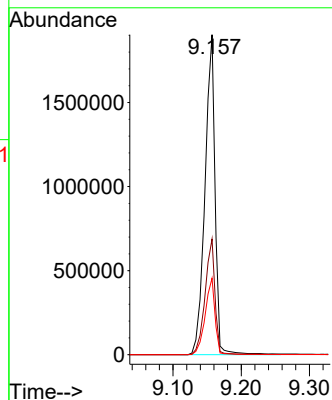
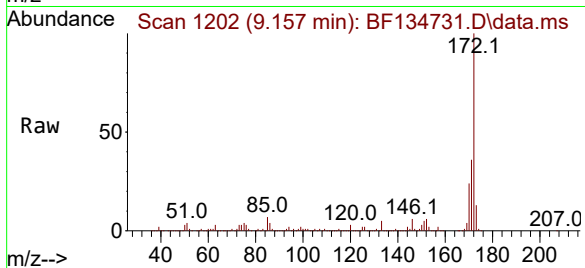
Tgt Ion:172 Resp: 1965431

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 23.9 18.7 28.1



#48

2-Nitroaniline

Concen: 3.611 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.229 min

Lab File: BF134731.D

Acq: 11 Aug 2023 14:13

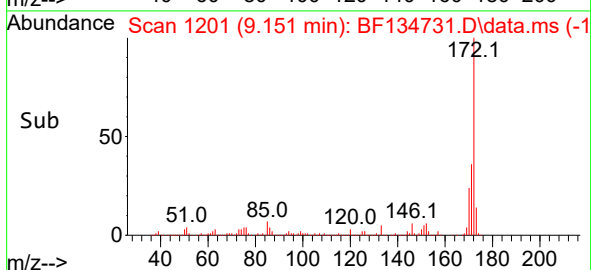
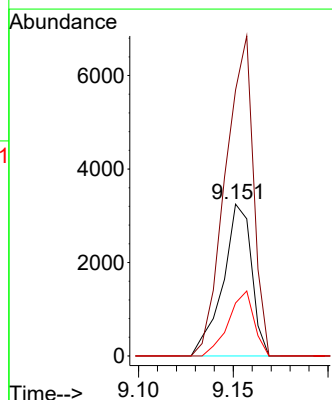
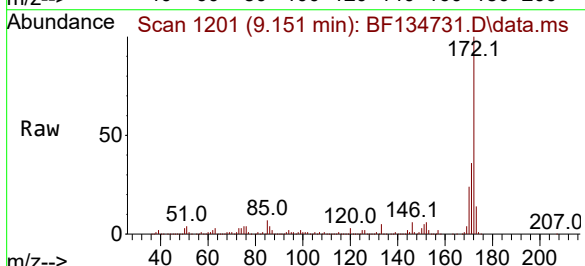
Tgt Ion: 65 Resp: 3418

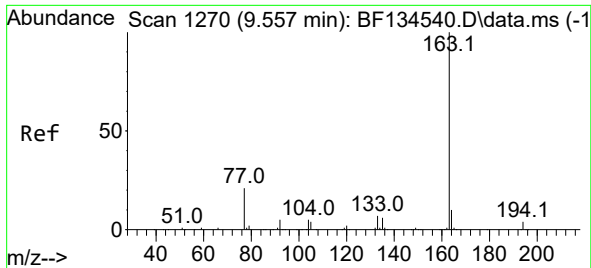
Ion Ratio Lower Upper

65 100

92 175.2 50.7 76.1#

138 34.9 78.2 117.4#

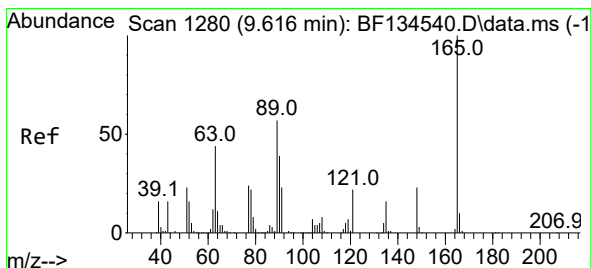
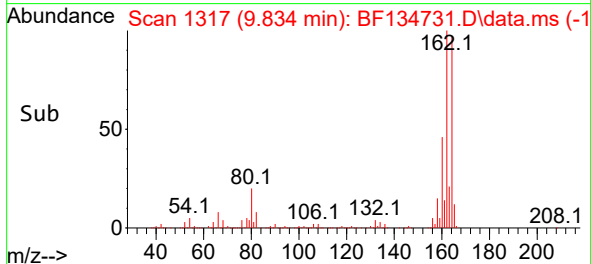
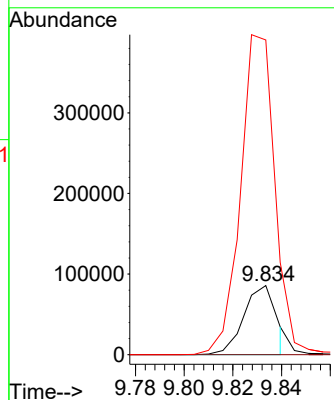
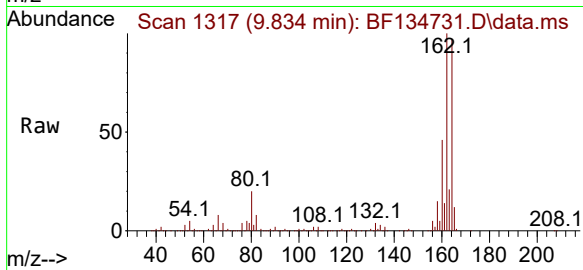




#50
Dimethylphthalate
Concen: 2.962 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF134731.D
Acq: 11 Aug 2023 14:13

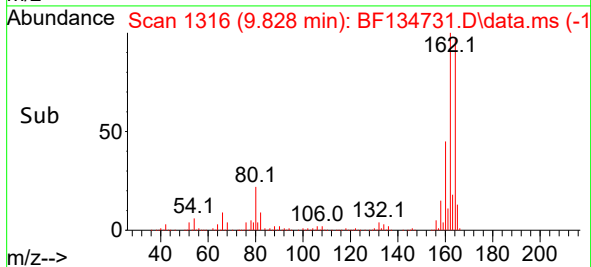
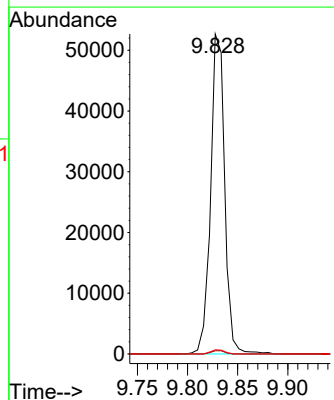
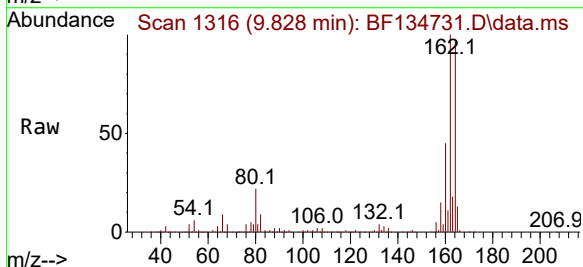
Instrument :
BNA_F
ClientSampleId :
PB154767BL

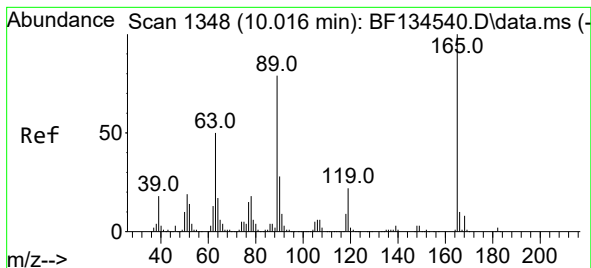
Tgt Ion:163 Resp: 79776
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 454.9 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.357 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF134731.D
Acq: 11 Aug 2023 14:13

Tgt Ion:165 Resp: 51586
Ion Ratio Lower Upper
165 100
63 1.0 57.8 86.6#
89 1.3 51.8 77.8#

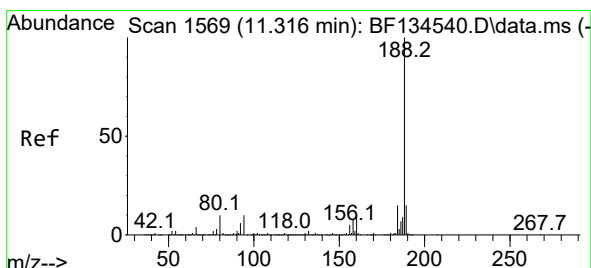
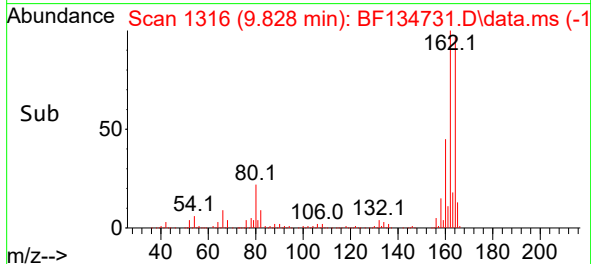
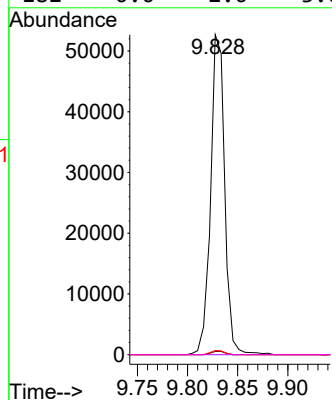
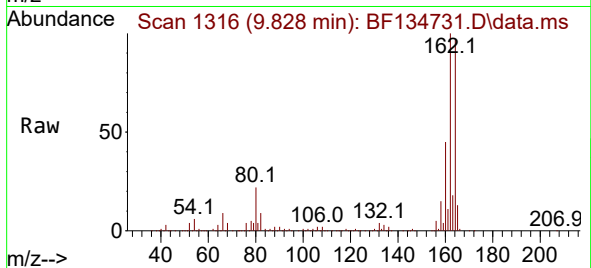




#57
2,4-Dinitrotoluene
Concen: 10.130 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF134731.D
Acq: 11 Aug 2023 14:13

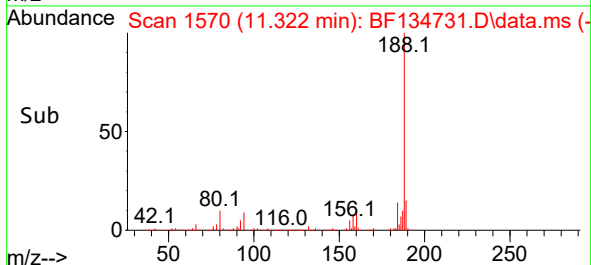
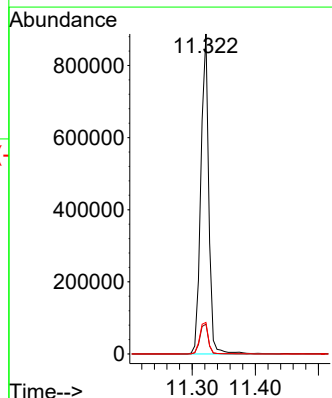
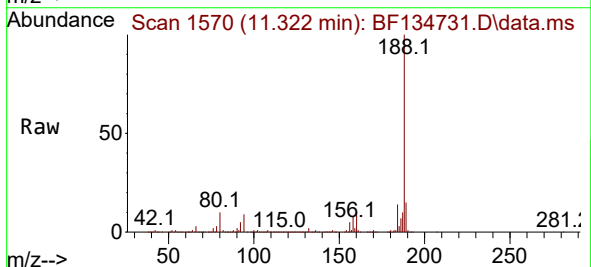
Instrument :
BNA_F
ClientSampleId :
PB154767BL

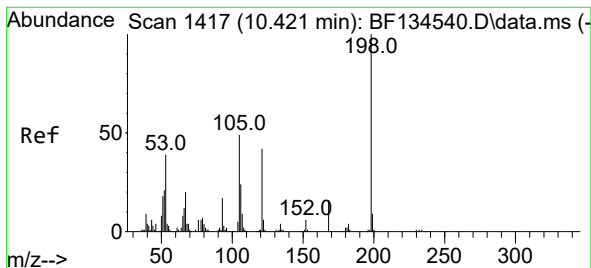
Tgt Ion:165 Resp: 51586
Ion Ratio Lower Upper
165 100
63 1.0 48.9 73.3#
89 1.3 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF134731.D
Acq: 11 Aug 2023 14:13

Tgt Ion:188 Resp: 766963
Ion Ratio Lower Upper
188 100
94 9.3 5.1 7.7#
80 9.9 6.6 9.8#

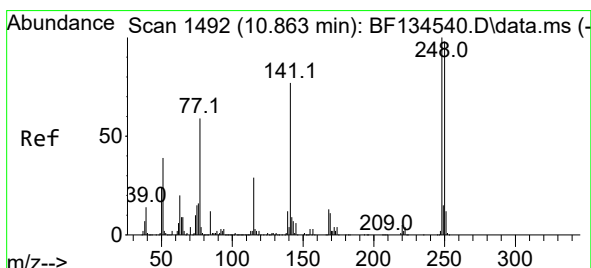
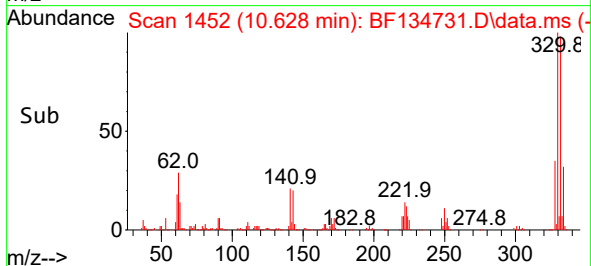
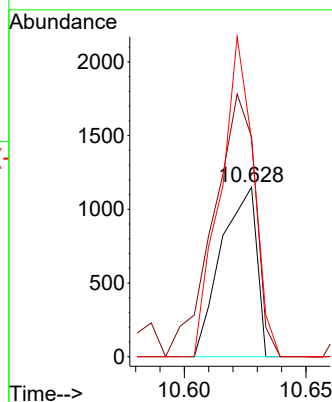
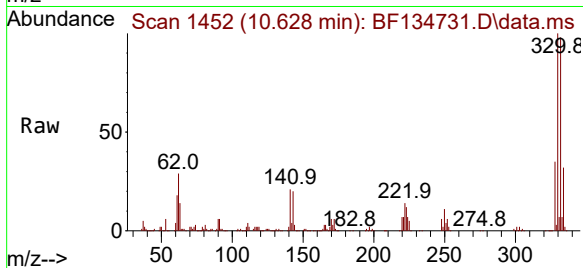




#65
4,6-Dinitro-2-methylphenol
Concen: 9.006 ng
RT: 10.628 min Scan# 1417
Delta R.T. 0.188 min
Lab File: BF134731.D
Acq: 11 Aug 2023 14:13

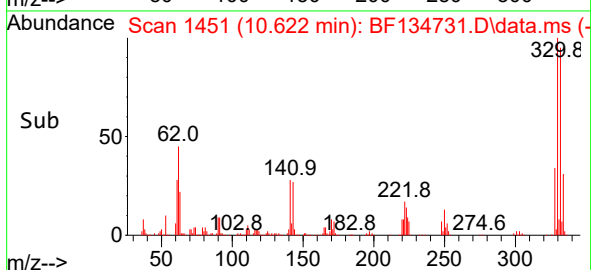
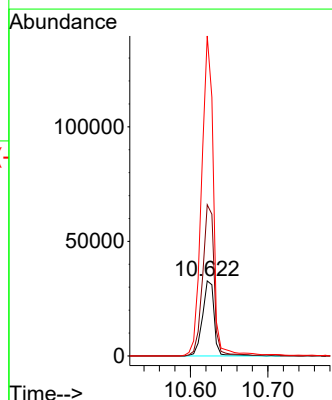
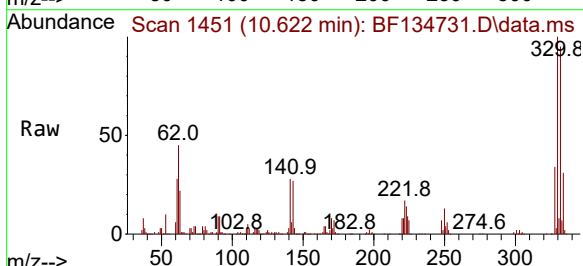
Instrument :
BNA_F
ClientSampleId :
PB154767BL

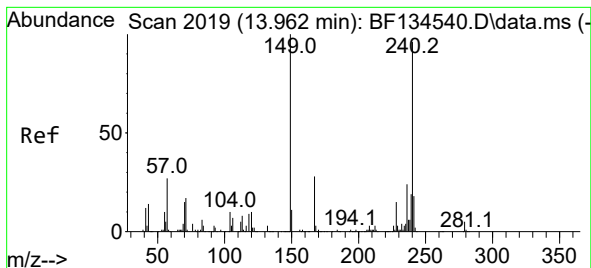
Tgt Ion:198 Resp: 1163
Ion Ratio Lower Upper
198 100
51 129.5 38.6 78.6#
105 127.7 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 4.104 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF134731.D
Acq: 11 Aug 2023 14:13

Tgt Ion:248 Resp: 34459
Ion Ratio Lower Upper
248 100
250 201.7 79.6 119.4#
141 426.8 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: BF134731.D

Acq: 11 Aug 2023 14:13

Instrument :

BNA_F

ClientSampleId :

PB154767BL

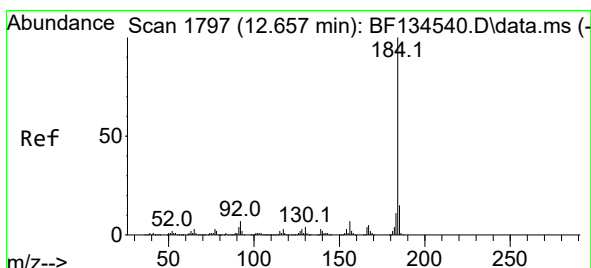
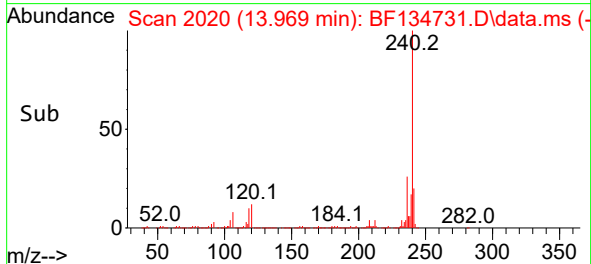
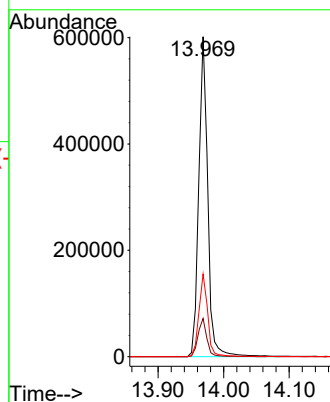
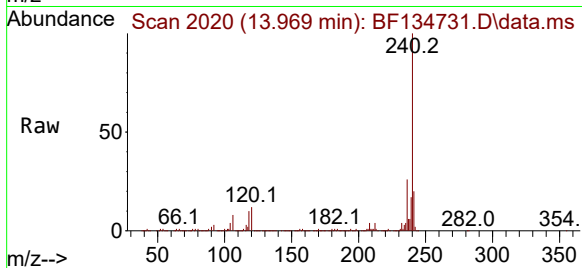
Tgt Ion:240 Resp: 575172

Ion Ratio Lower Upper

240 100

120 11.9 6.6 10.0#

236 25.8 20.2 30.2



#77

Benzidine

Concen: 2.342 ng

RT: 12.922 min Scan# 1842

Delta R.T. 0.259 min

Lab File: BF134731.D

Acq: 11 Aug 2023 14:13

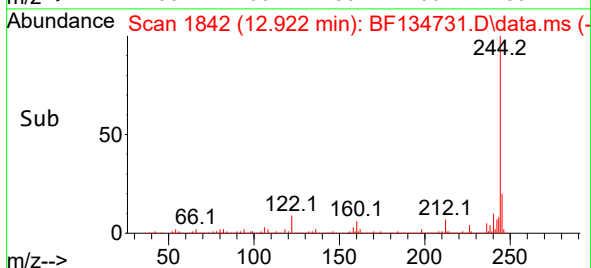
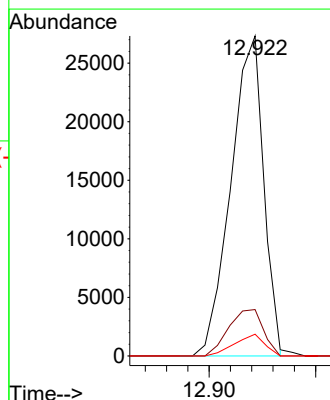
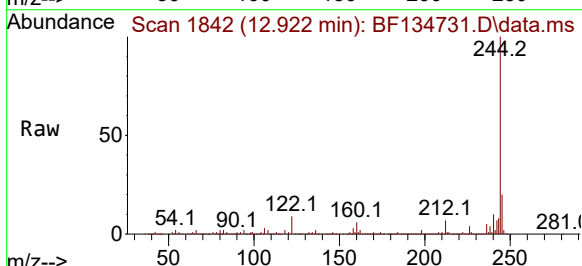
Tgt Ion:184 Resp: 29238

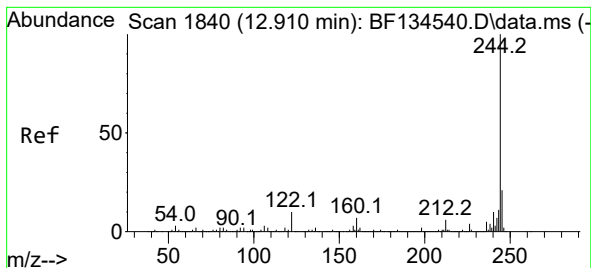
Ion Ratio Lower Upper

184 100

185 14.5 11.2 16.8

183 6.8 8.6 13.0#





#79

Terphenyl-d14

Concen: 75.689 ng

RT: 12.922 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134731.D

Acq: 11 Aug 2023 14:13

Instrument :

BNA_F

ClientSampleId :

PB154767BL

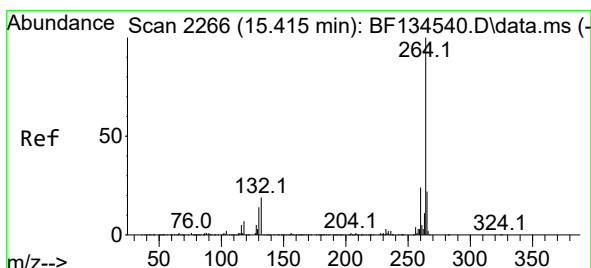
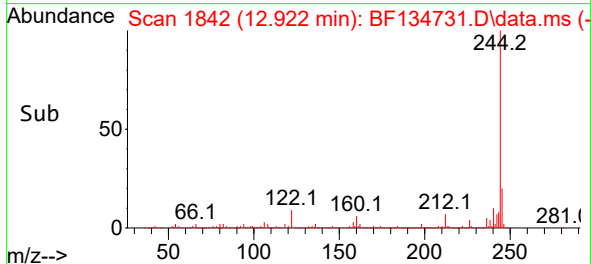
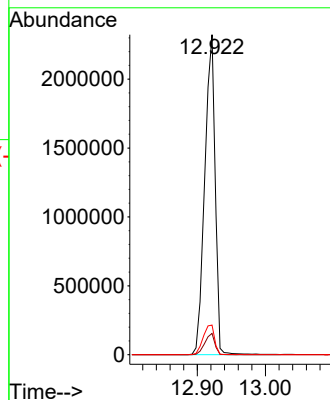
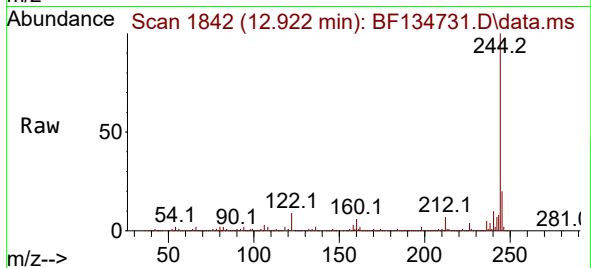
Tgt Ion:244 Resp: 2469520

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 9.2 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF134731.D

Acq: 11 Aug 2023 14:13

Tgt Ion:264 Resp: 466248

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 21.6 15.8 23.8

