

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134604.D
 Acq On : 03 Aug 2023 10:56
 Operator : CG\JU
 Sample : 03706-06RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Quant Time: Aug 04 01:05:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

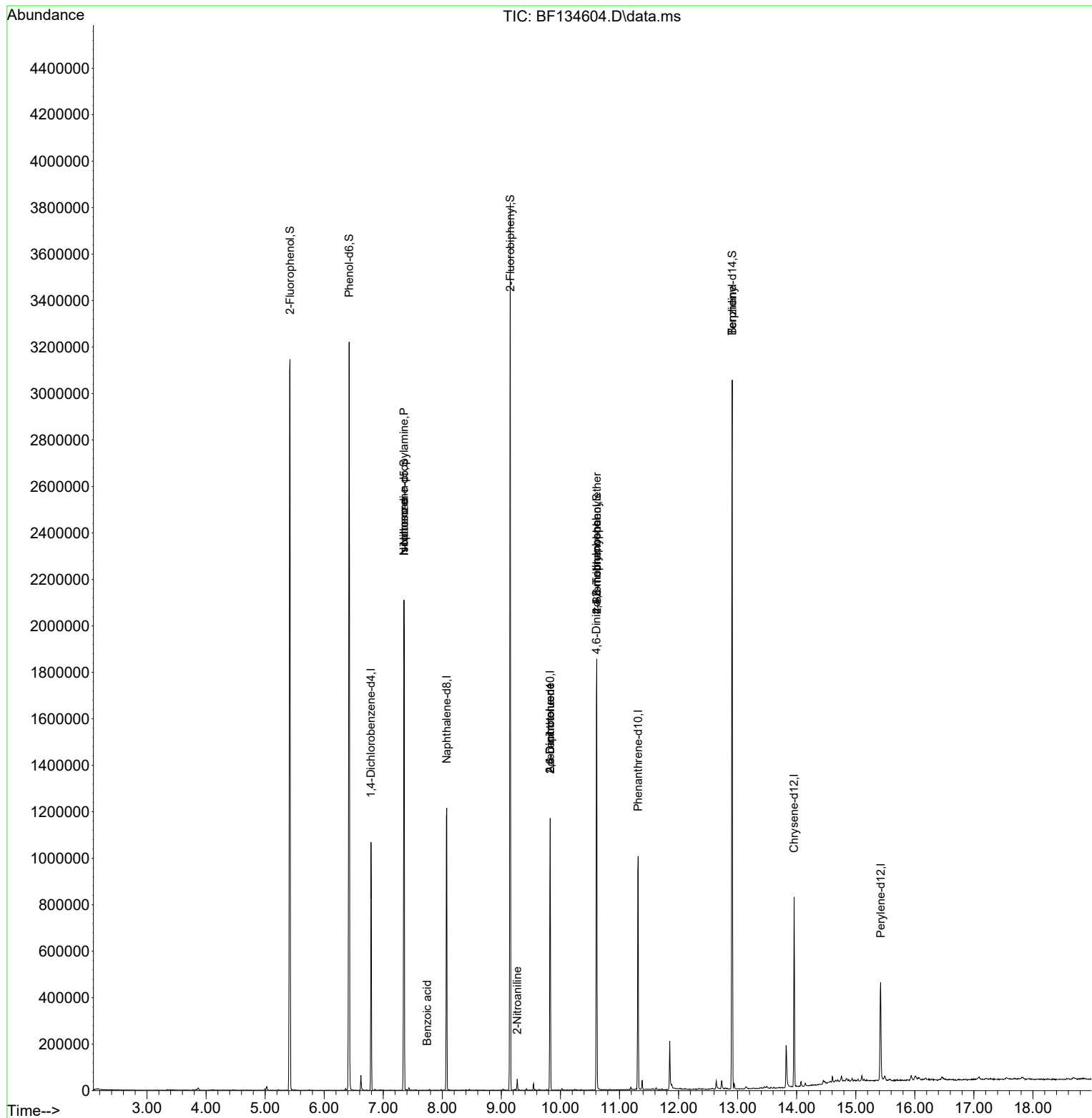
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	141405	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	521127	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	209792	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	358596	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	242872	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	189589	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	912345	98.077	ng	0.00
7) Phenol-d6	6.422	99	1157157	97.312	ng	0.00
23) Nitrobenzene-d5	7.351	82	662220	79.412	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	219524	102.647	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1066278	84.507	ng	0.00
79) Terphenyl-d14	12.910	244	1046217	75.939	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.351	77	56	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.351	70	87927	12.350	ng	# 76
25) Isophorone	7.351	82	662076	36.401	ng	# 65
32) Benzoic acid	7.745	122	59	7.876	ng	# 31
48) 2-Nitroaniline	9.269	65	454	3.277	ng	# 8
51) 2,6-Dinitrotoluene	9.828	165	27059	11.251	ng	# 17
57) 2,4-Dinitrotoluene	9.828	165	27059	10.043	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.610	198	636	9.058	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	13746	3.502	ng	# 1
77) Benzidine	12.910	184	12636	2.397	ng	# 96

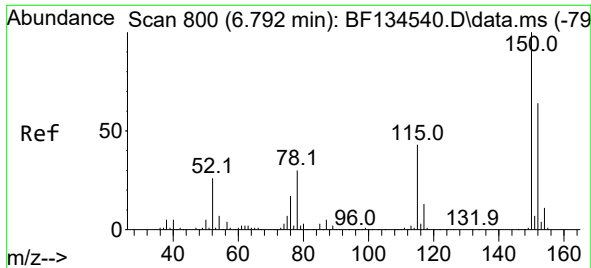
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
Data File : BF134604.D
Acq On : 03 Aug 2023 10:56
Operator : CG\JU
Sample : 03706-06RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Quant Time: Aug 04 01:05:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 02:20:34 2023
Response via : Initial Calibration

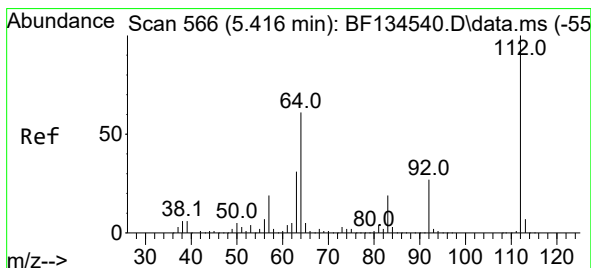
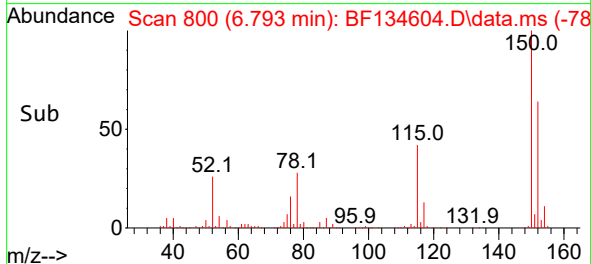
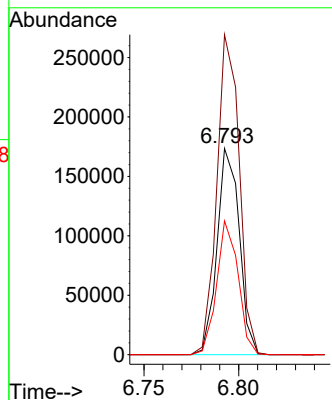
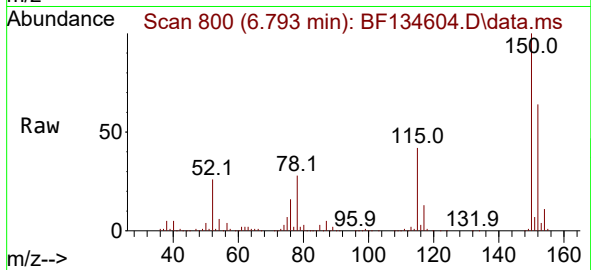




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF134604.D
Acq: 03 Aug 2023 10:56

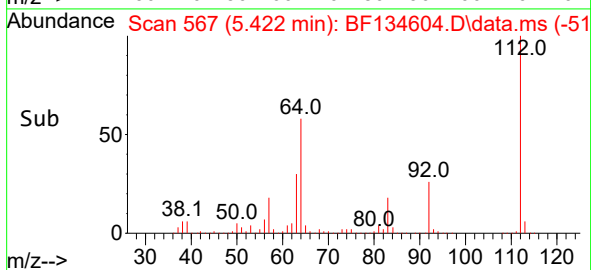
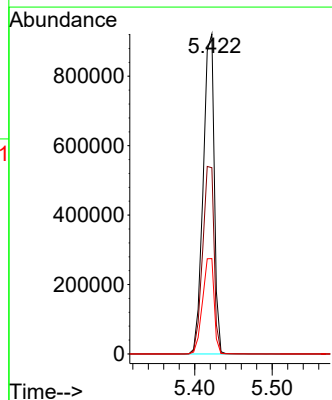
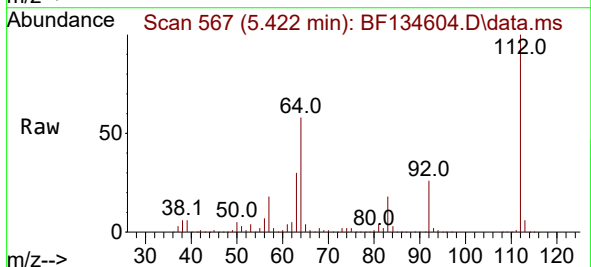
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

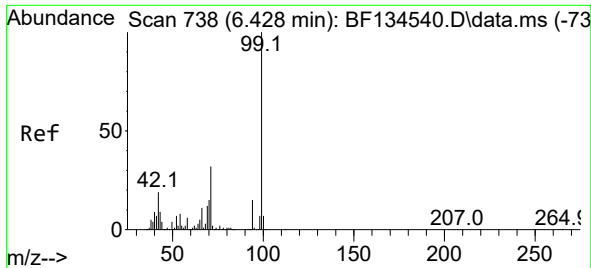
Tgt Ion:152 Resp: 141405
Ion Ratio Lower Upper
152 100
150 155.1 128.3 192.5
115 64.9 52.4 78.6



#5
2-Fluorophenol
Concen: 98.077 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF134604.D
Acq: 03 Aug 2023 10:56

Tgt Ion:112 Resp: 912345
Ion Ratio Lower Upper
112 100
64 58.2 44.9 67.3
63 29.8 25.4 38.0

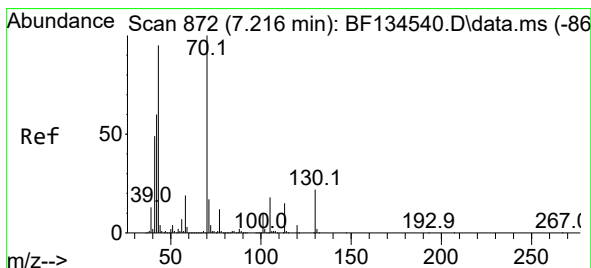
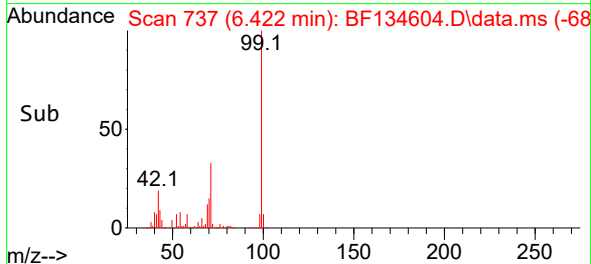
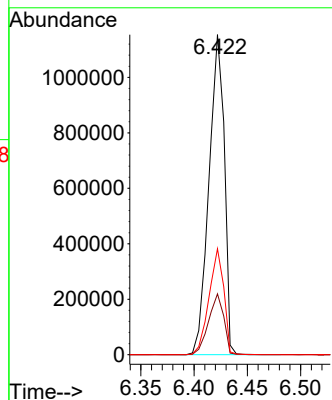
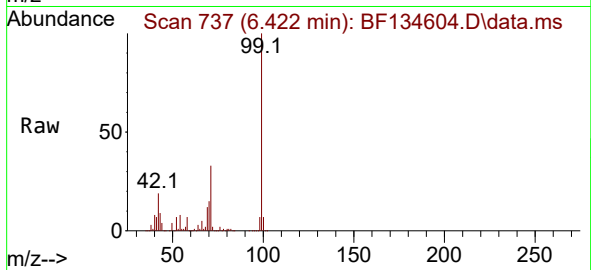




#7
Phenol-d6
Concen: 97.312 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134604.D
Acq: 03 Aug 2023 10:56

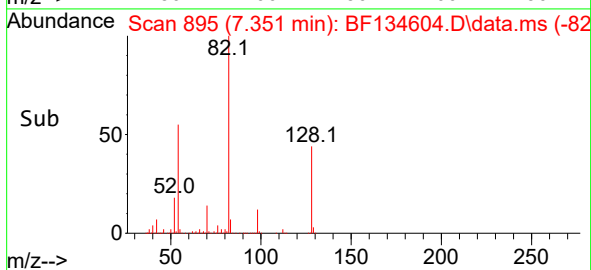
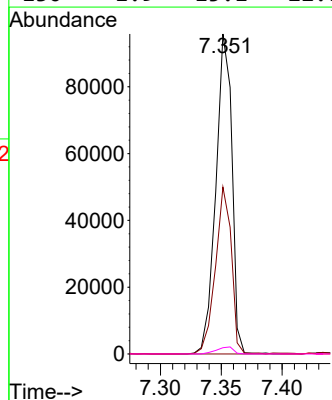
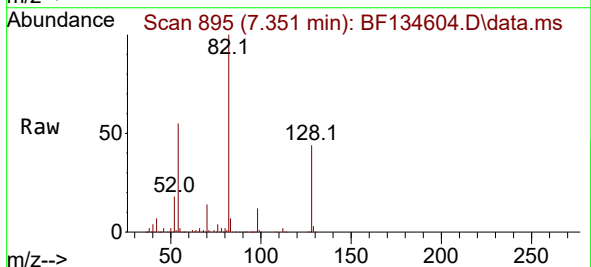
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

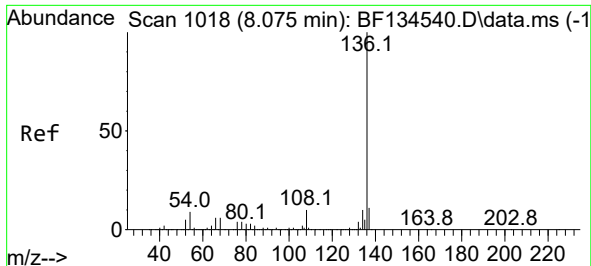
Tgt Ion: 99 Resp: 1157157
Ion Ratio Lower Upper
99 100
42 19.0 18.7 28.1
71 33.1 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 12.350 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134604.D
Acq: 03 Aug 2023 10:56

Tgt Ion: 70 Resp: 87927
Ion Ratio Lower Upper
70 100
42 52.2 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. 0.000 min

Lab File: BF134604.D

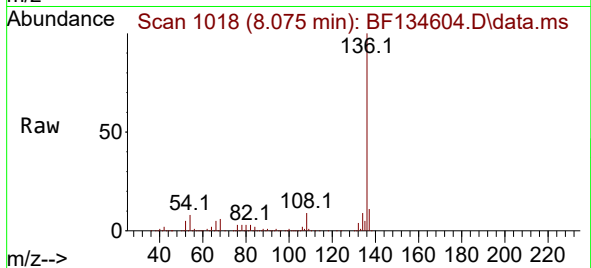
Acq: 03 Aug 2023 10:56

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK



Tgt Ion:136 Resp: 521127

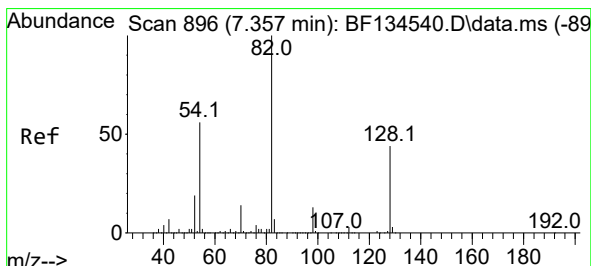
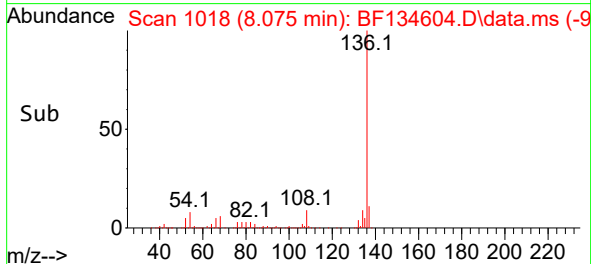
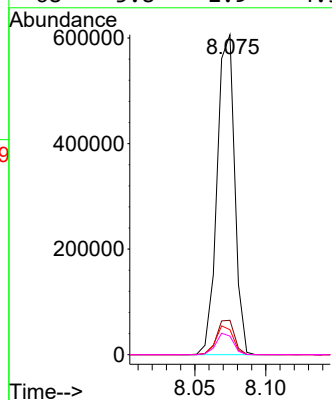
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 7.8 5.2 7.8#

68 5.8 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 79.412 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF134604.D

Acq: 03 Aug 2023 10:56

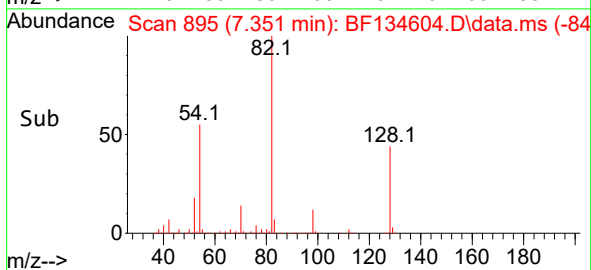
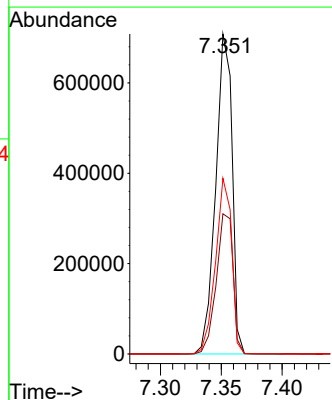
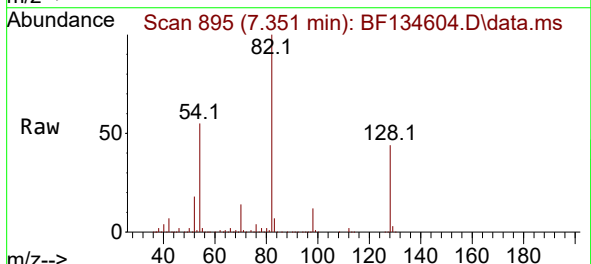
Tgt Ion: 82 Resp: 662220

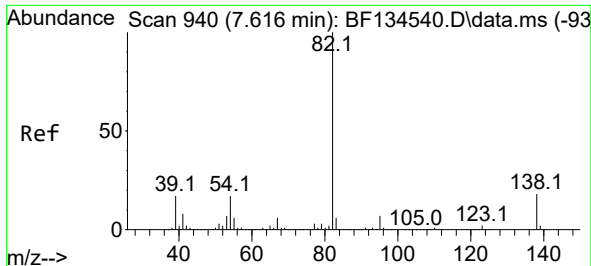
Ion Ratio Lower Upper

82 100

128 43.8 34.3 51.5

54 54.9 43.8 65.6

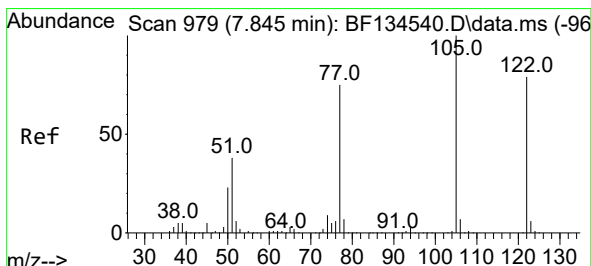
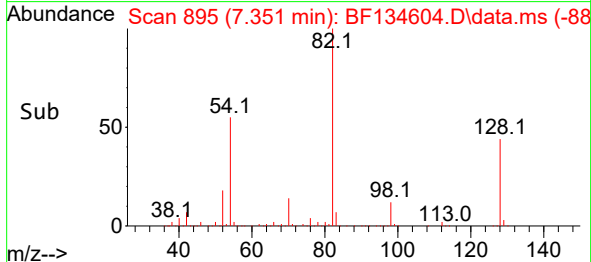
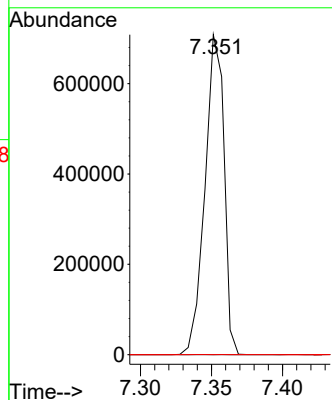
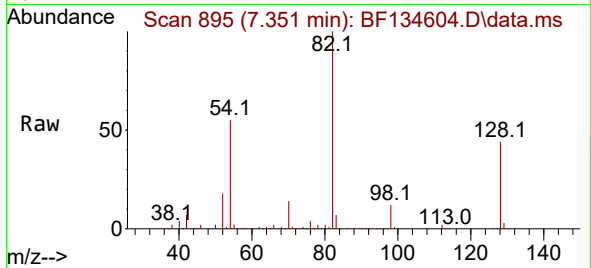




#25
Isophorone
Concen: 36.401 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.264 min
Lab File: BF134604.D
Acq: 03 Aug 2023 10:56

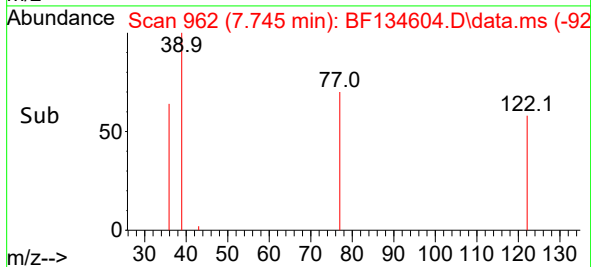
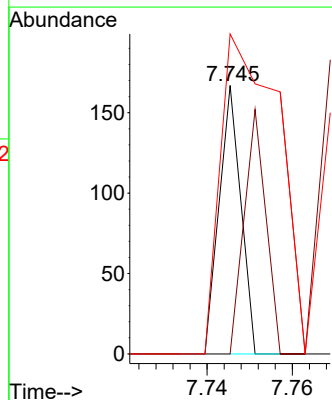
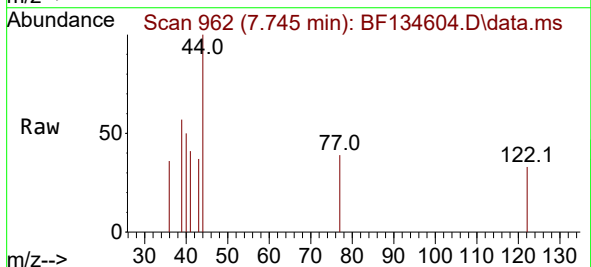
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

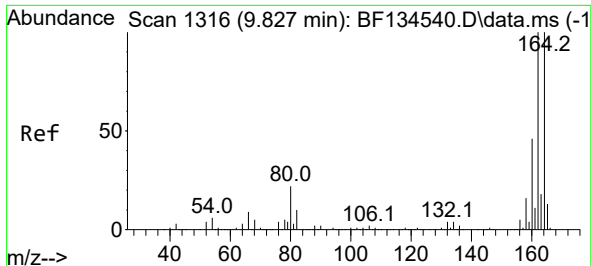
Tgt Ion: 82 Resp: 662076
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.876 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.100 min
Lab File: BF134604.D
Acq: 03 Aug 2023 10:56

Tgt Ion: 122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 87.5 127.5#
77 119.2 71.4 111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134604.D

Acq: 03 Aug 2023 10:56

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

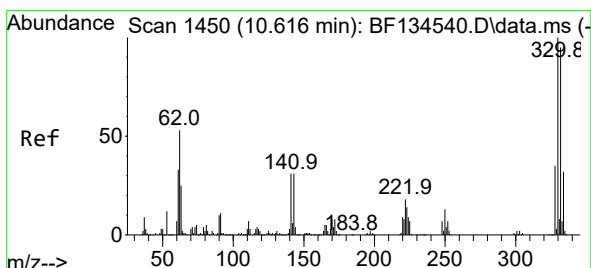
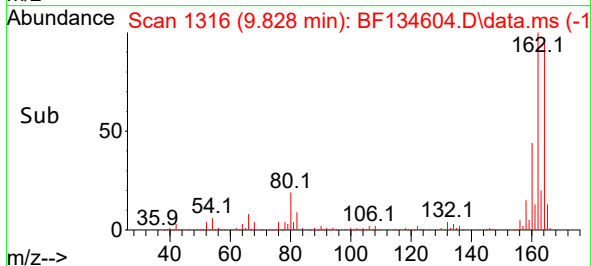
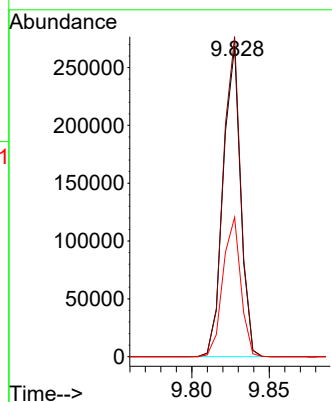
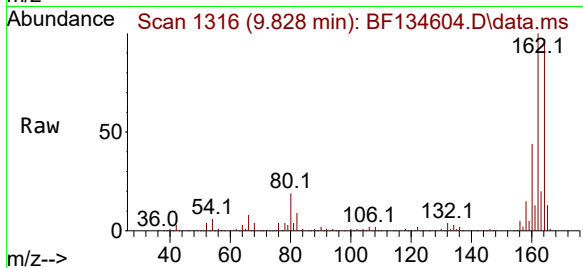
Tgt Ion:164 Resp: 209792

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

160 44.9 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 102.647 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF134604.D

Acq: 03 Aug 2023 10:56

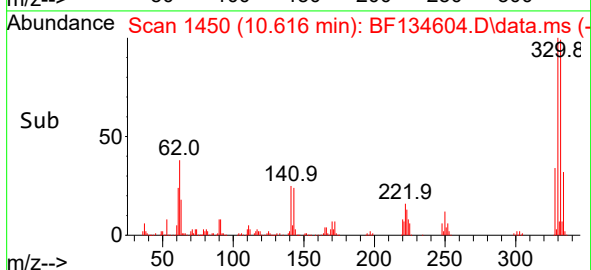
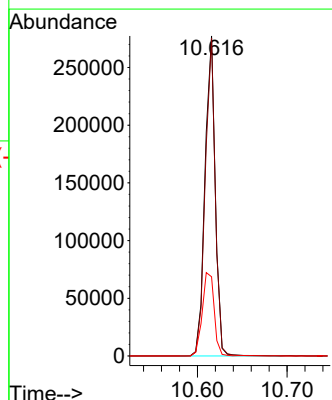
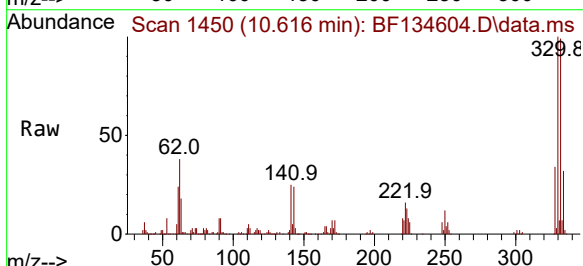
Tgt Ion:330 Resp: 219524

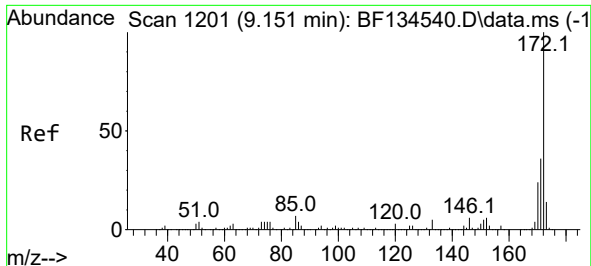
Ion Ratio Lower Upper

330 100

332 97.3 78.8 118.2

141 30.3 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 84.507 ng

RT: 9.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134604.D

Acq: 03 Aug 2023 10:56

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

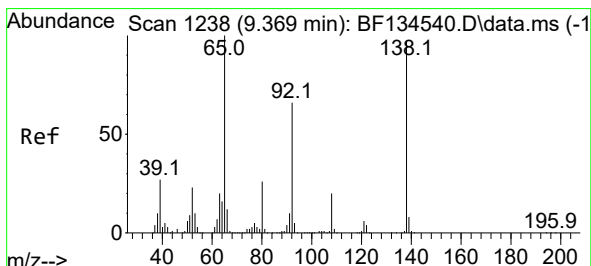
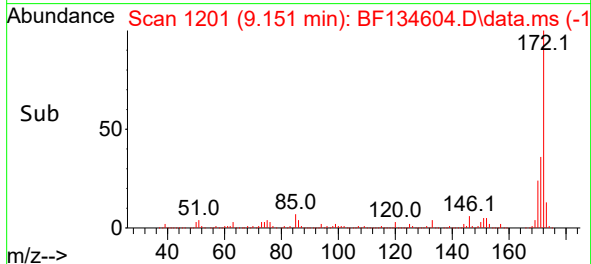
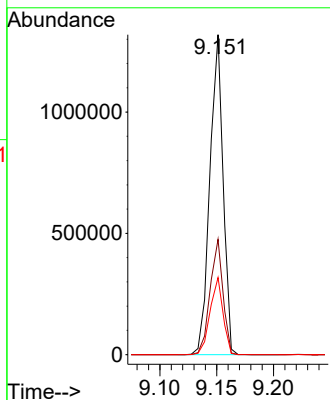
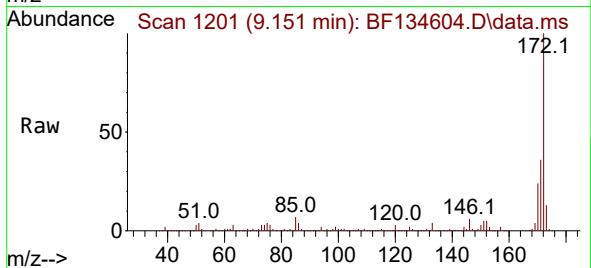
Tgt Ion:172 Resp: 1066278

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.1 18.7 28.1



#48

2-Nitroaniline

Concen: 3.277 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.100 min

Lab File: BF134604.D

Acq: 03 Aug 2023 10:56

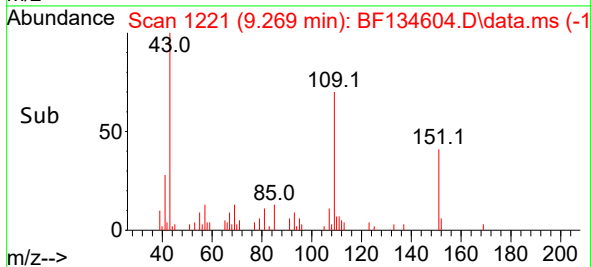
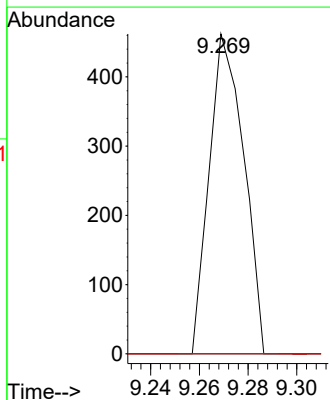
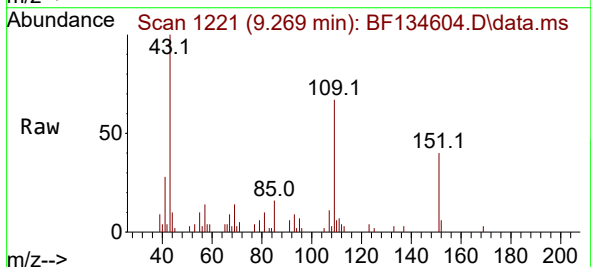
Tgt Ion: 65 Resp: 454

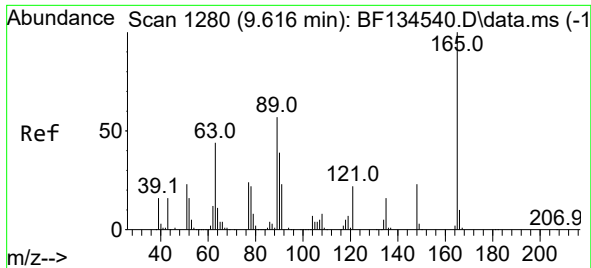
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

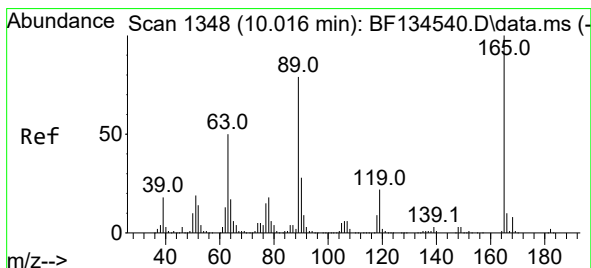
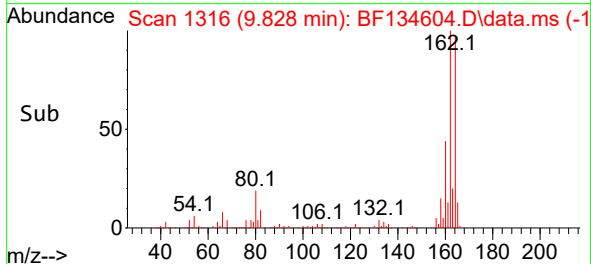
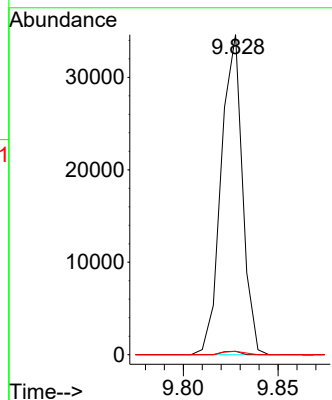
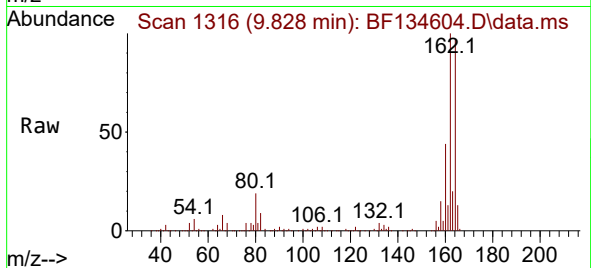




#51
2,6-Dinitrotoluene
Concen: 11.251 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF134604.D
Acq: 03 Aug 2023 10:56

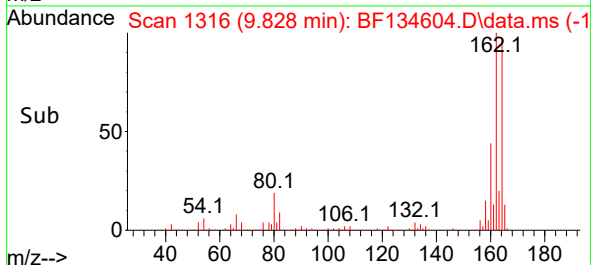
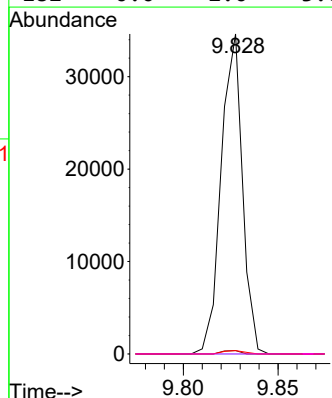
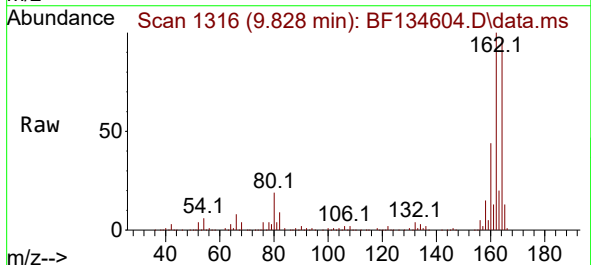
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

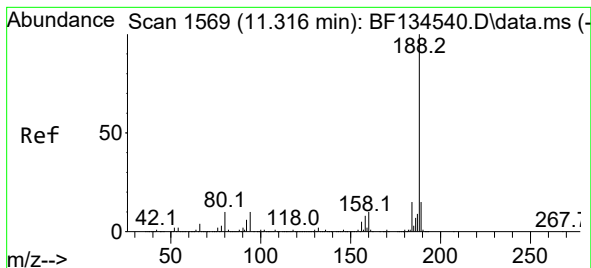
Tgt Ion:165 Resp: 27059
Ion Ratio Lower Upper
165 100
63 1.1 57.8 86.6#
89 1.1 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 10.043 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.188 min
Lab File: BF134604.D
Acq: 03 Aug 2023 10:56

Tgt Ion:165 Resp: 27059
Ion Ratio Lower Upper
165 100
63 1.1 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# 11

Delta R.T. 0.000 min

Lab File: BF134604.D

Acq: 03 Aug 2023 10:56

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

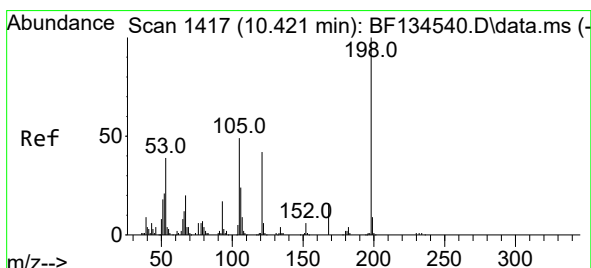
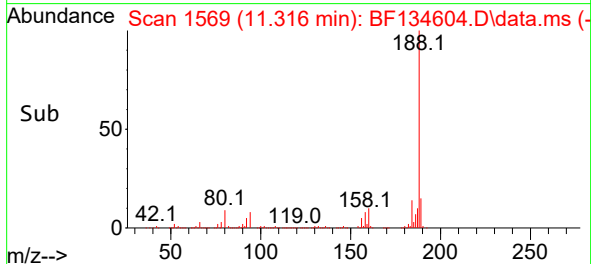
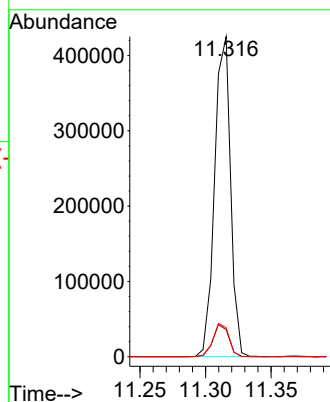
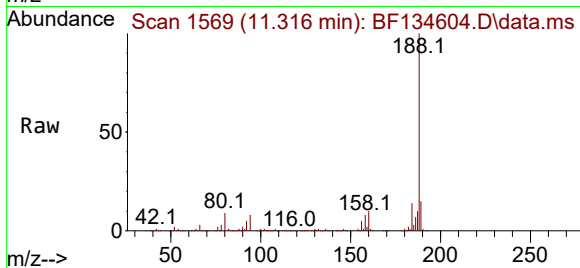
Tgt Ion:188 Resp: 358596

Ion Ratio Lower Upper

188 100

94 8.5 5.1 7.7#

80 9.0 6.6 9.8



#65

4,6-Dinitro-2-methylphenol

Concen: 9.058 ng

RT: 10.610 min Scan# 1449

Delta R.T. 0.189 min

Lab File: BF134604.D

Acq: 03 Aug 2023 10:56

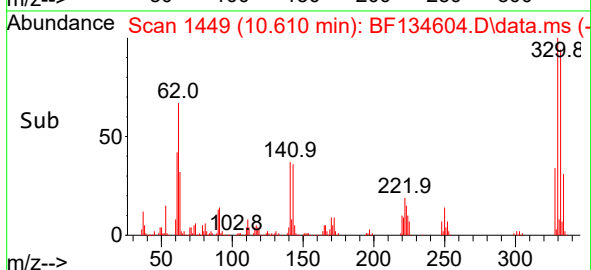
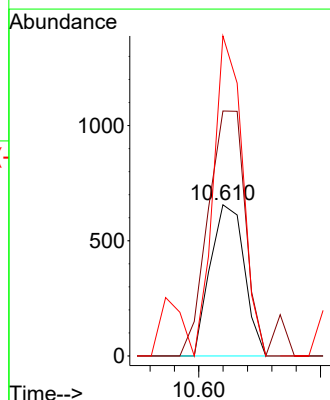
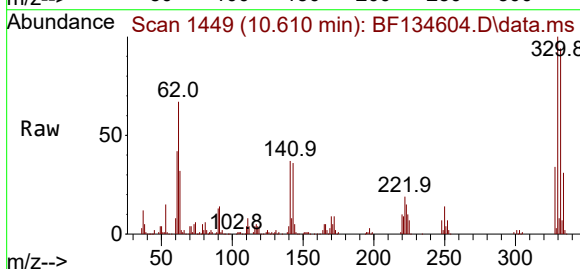
Tgt Ion:198 Resp: 636

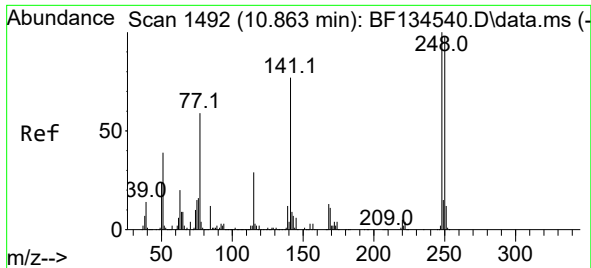
Ion Ratio Lower Upper

198 100

51 162.0 38.6 78.6#

105 211.7 27.9 67.9#

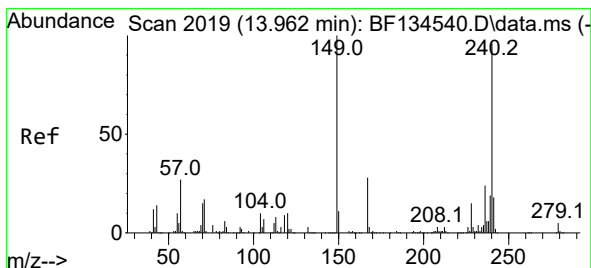
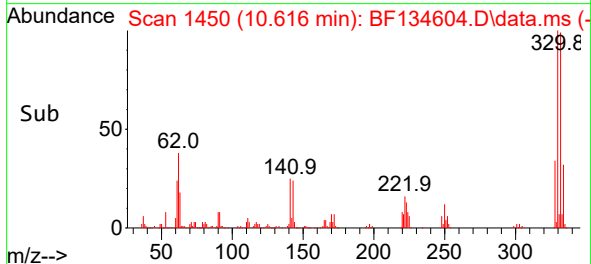
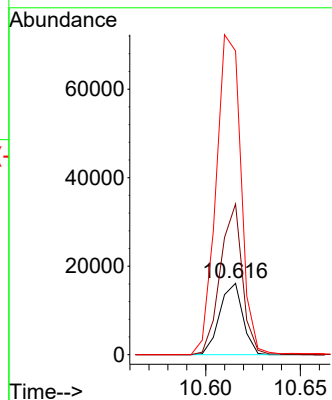
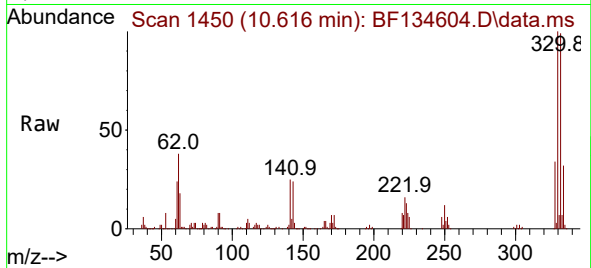




#67
4-Bromophenyl-phenylether
Concen: 3.502 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF134604.D
Acq: 03 Aug 2023 10:56

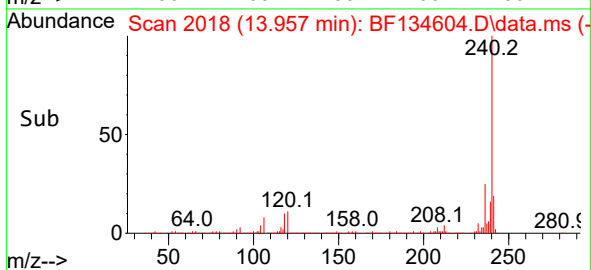
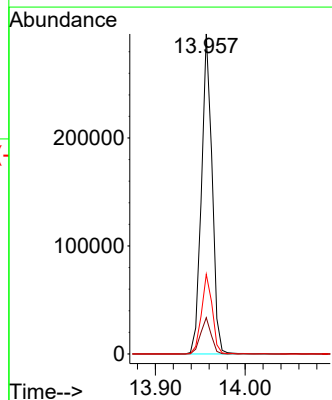
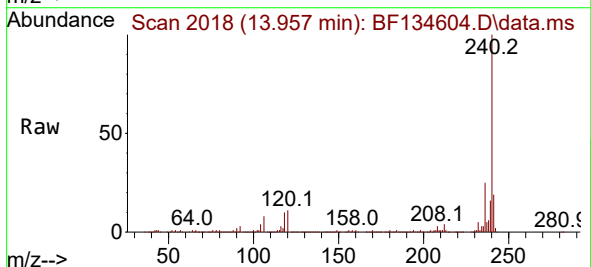
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

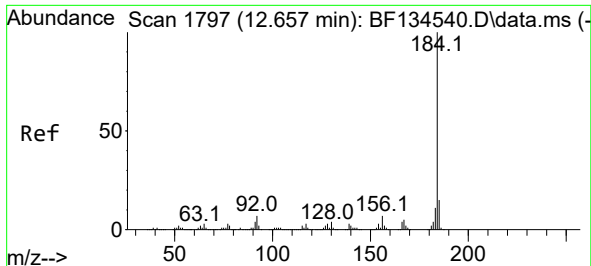
Tgt Ion:248 Resp: 13746
Ion Ratio Lower Upper
248 100
250 211.0 79.6 119.4#
141 425.2 59.6 89.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF134604.D
Acq: 03 Aug 2023 10:56

Tgt Ion:240 Resp: 242872
Ion Ratio Lower Upper
240 100
120 11.3 6.6 10.0#
236 24.9 20.2 30.2

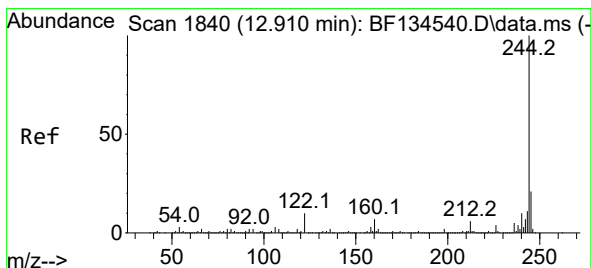
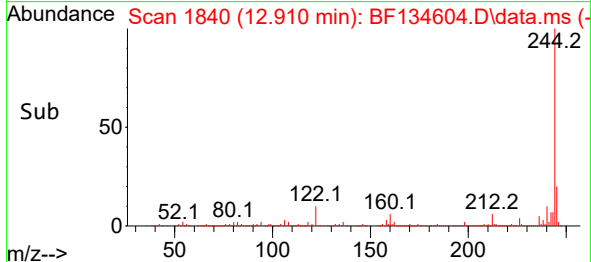
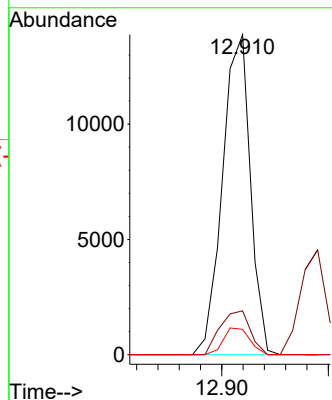
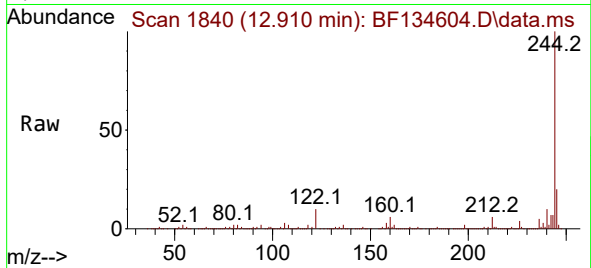




#77
Benzidine
Concen: 2.397 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.253 min
Lab File: BF134604.D
Acq: 03 Aug 2023 10:56

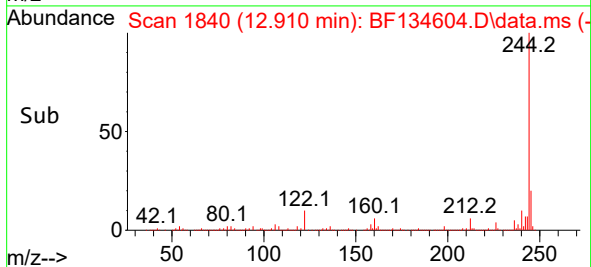
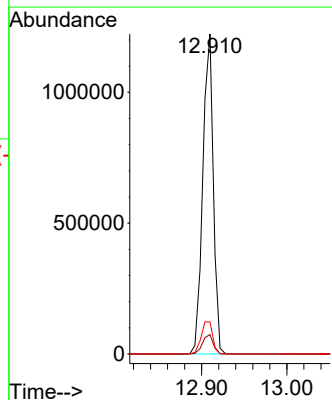
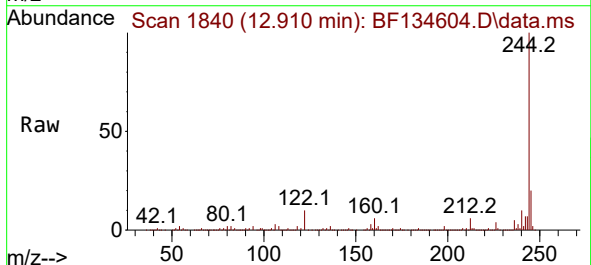
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

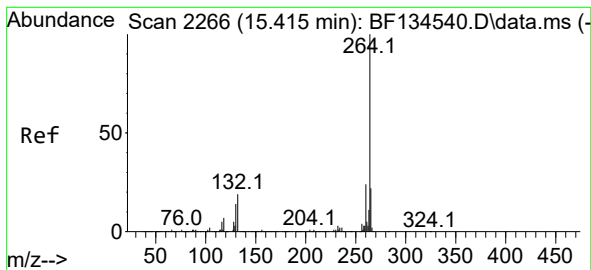
Tgt Ion:184 Resp: 12636
Ion Ratio Lower Upper
184 100
185 13.7 11.2 16.8
183 7.9 8.6 13.0#



#79
Terphenyl-d14
Concen: 75.939 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF134604.D
Acq: 03 Aug 2023 10:56

Tgt Ion:244 Resp: 1046217
Ion Ratio Lower Upper
244 100
212 6.0 5.6 8.4
122 10.0 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF134604.D
 Acq: 03 Aug 2023 10:56

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:264 Resp: 189589
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.4 27.6
 265 21.1 15.8 23.8

