

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134548.D
 Acq On : 01 Aug 2023 15:00
 Operator : CG\JU
 Sample : PB154429BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154429BL

Quant Time: Aug 02 02:43:37 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)

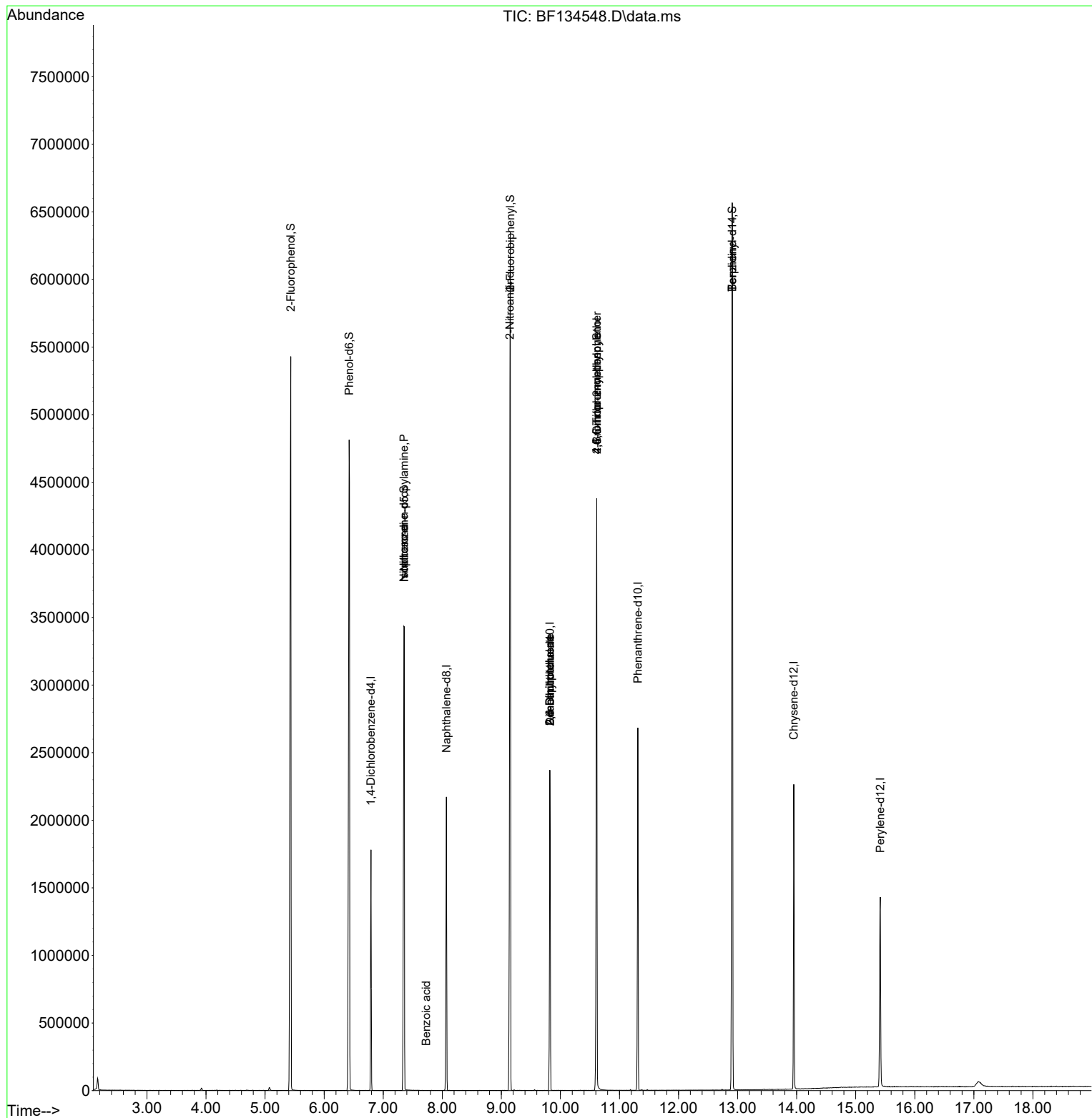
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	230965	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	930435	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	478094	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	899174	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	698594	20.000	ng	#-0.01
86) Perylene-d12	15.416	264	653974	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1743875	114.773	ng	0.02
7) Phenol-d6	6.422	99	2223838	114.497	ng	0.00
23) Nitrobenzene-d5	7.351	82	1359599	91.318	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	611055	125.378	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2323266	80.797	ng	0.00
79) Terphenyl-d14	12.910	244	2838920	71.639	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.422	77	3302	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.351	70	186014	15.996	ng	# 75
25) Isophorone	7.351	82	1359064	41.851	ng	# 65
32) Benzoic acid	7.728	122	56	7.872	ng	# 28
48) 2-Nitroaniline	9.145	65	3993	3.596	ng	# 1
50) Dimethylphthalate	9.822	163	92147	2.828	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	63074	11.452	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	63074	10.208	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.616	198	1229	8.976	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	38140	3.875	ng	# 1
77) Benzidine	12.910	184	34687	2.287	ng	# 93

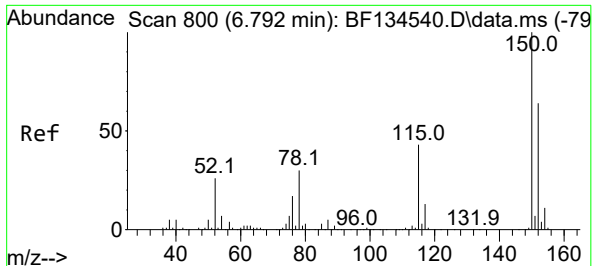
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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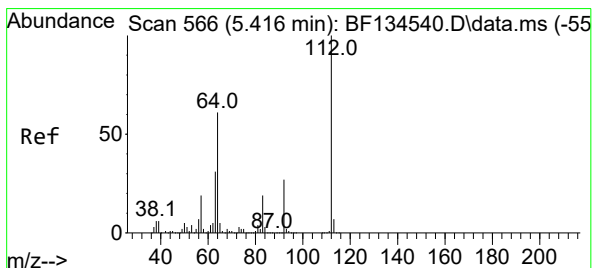
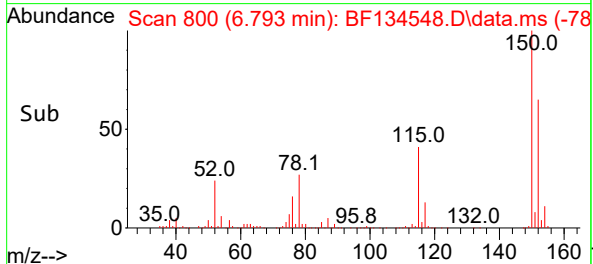
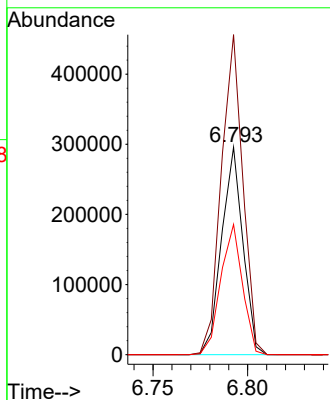
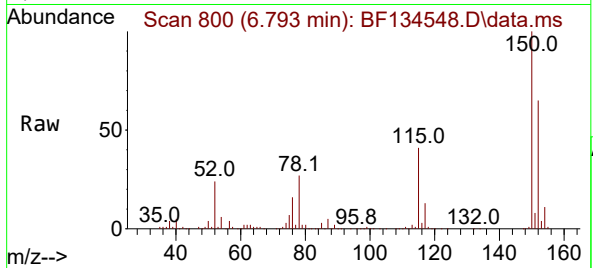




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 800
 Delta R.T. 0.001 min
 Lab File: BF134548.D
 Acq: 01 Aug 2023 15:00

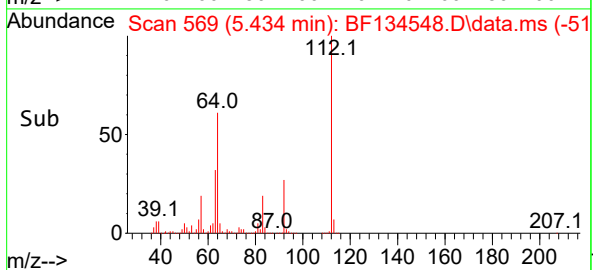
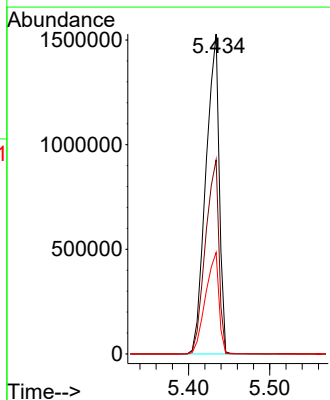
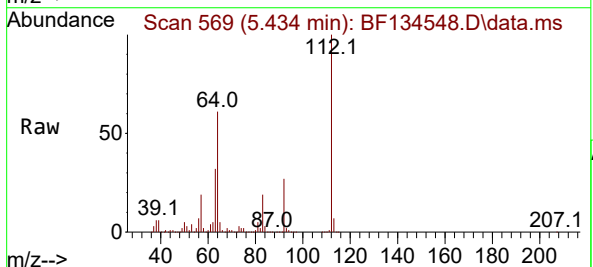
Instrument :
 BNA_F
 ClientSampleId :
 PB154429BL

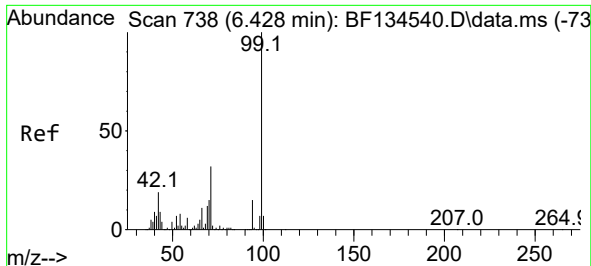
Tgt Ion:152 Resp: 230965
 Ion Ratio Lower Upper
 152 100
 150 154.2 128.3 192.5
 115 62.8 52.4 78.6



#5
 2-Fluorophenol
 Concen: 114.773 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.018 min
 Lab File: BF134548.D
 Acq: 01 Aug 2023 15:00

Tgt Ion:112 Resp: 1743875
 Ion Ratio Lower Upper
 112 100
 64 60.7 44.9 67.3
 63 31.7 25.4 38.0

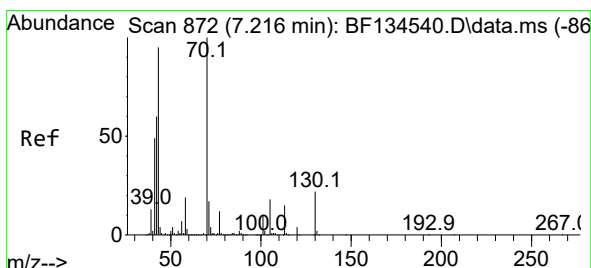
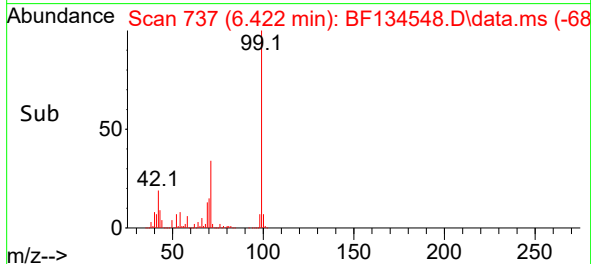
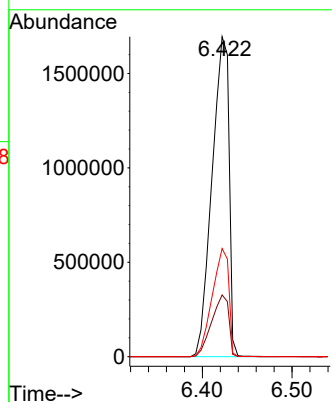
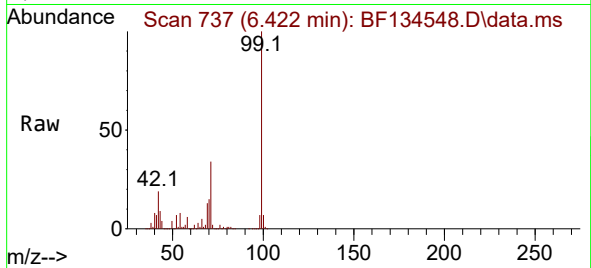




#7
Phenol-d6
Concen: 114.497 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134548.D
Acq: 01 Aug 2023 15:00

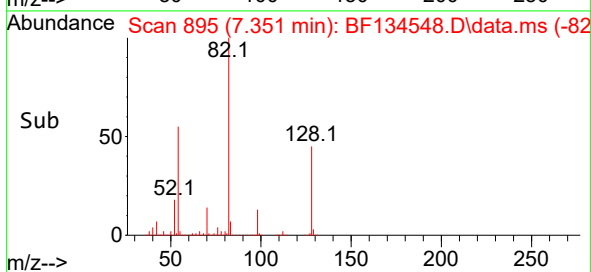
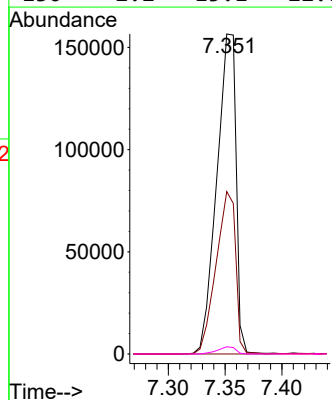
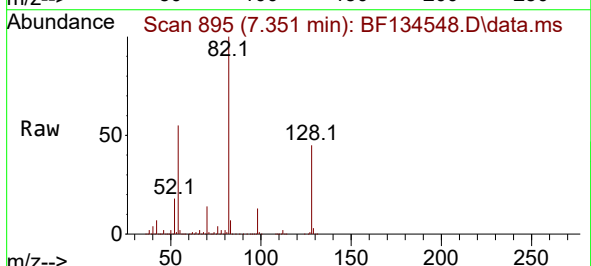
Instrument :
BNA_F
ClientSampleId :
PB154429BL

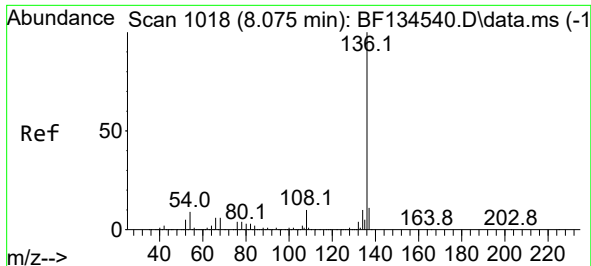
Tgt Ion: 99 Resp: 2223838
Ion Ratio Lower Upper
99 100
42 19.3 18.7 28.1
71 33.8 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 15.996 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.136 min
Lab File: BF134548.D
Acq: 01 Aug 2023 15:00

Tgt Ion: 70 Resp: 186014
Ion Ratio Lower Upper
70 100
42 50.7 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: 8.069 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134548.D

Acq: 01 Aug 2023 15:00

Instrument :

BNA_F

ClientSampleId :

PB154429BL

Tgt Ion:136 Resp: 930435

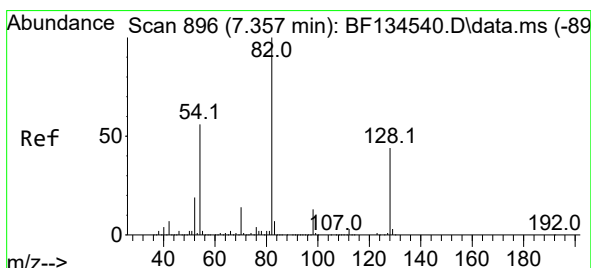
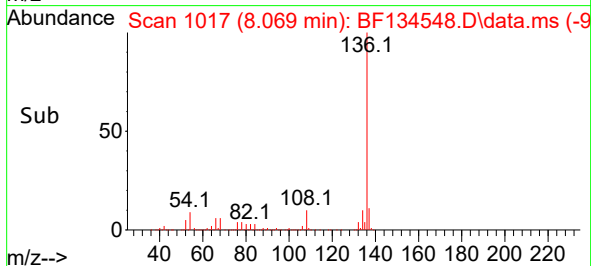
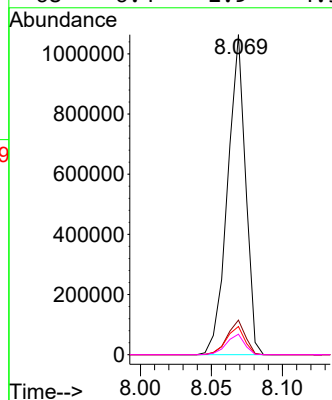
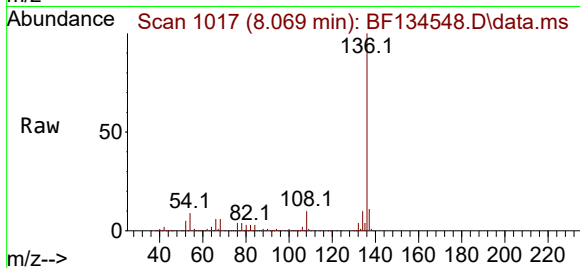
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 8.8 5.2 7.8#

68 6.4 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 91.318 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF134548.D

Acq: 01 Aug 2023 15:00

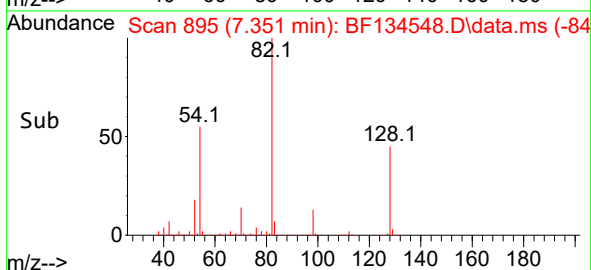
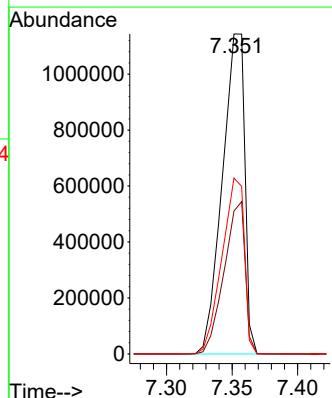
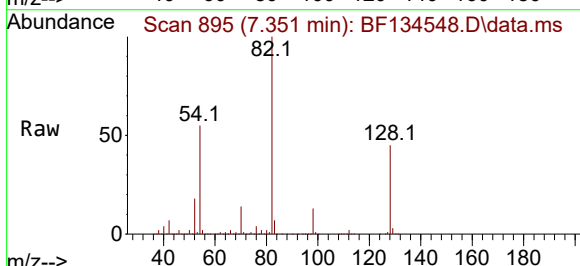
Tgt Ion: 82 Resp: 1359599

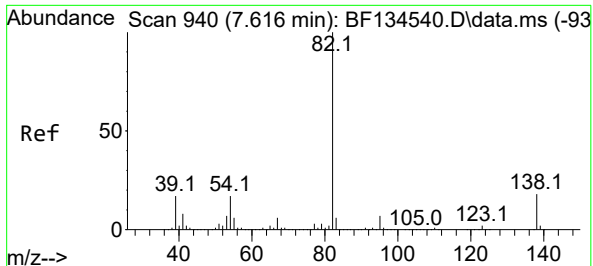
Ion Ratio Lower Upper

82 100

128 44.7 34.3 51.5

54 55.0 43.8 65.6

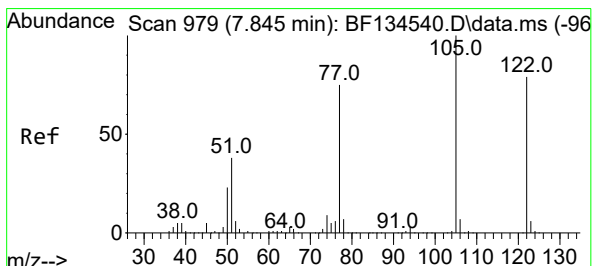
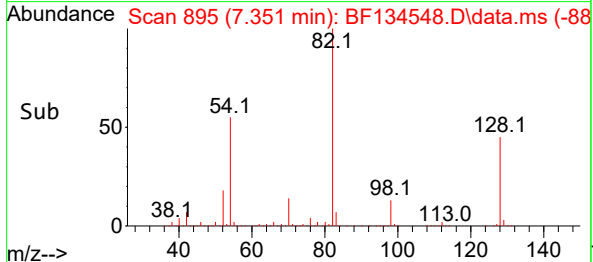
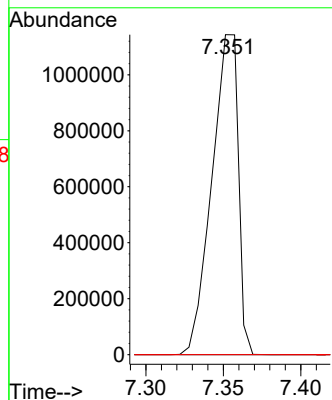
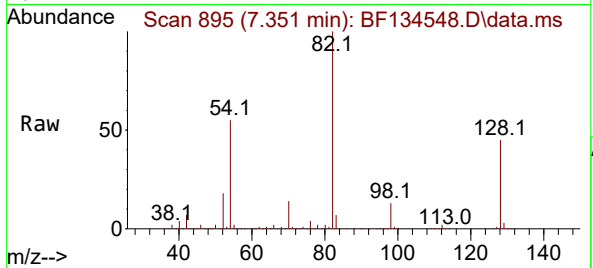




#25
Isophorone
Concen: 41.851 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.264 min
Lab File: BF134548.D
Acq: 01 Aug 2023 15:00

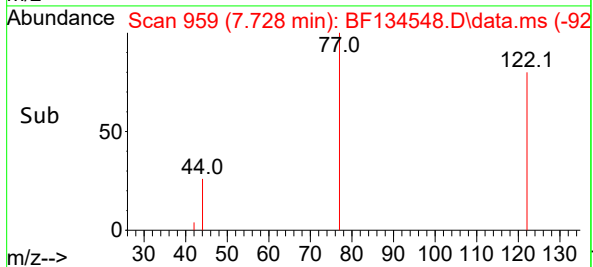
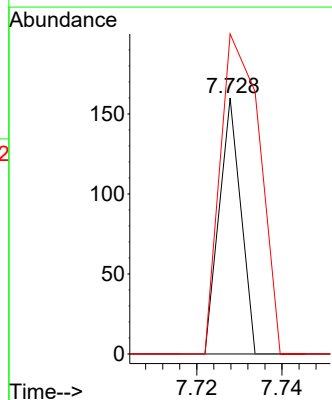
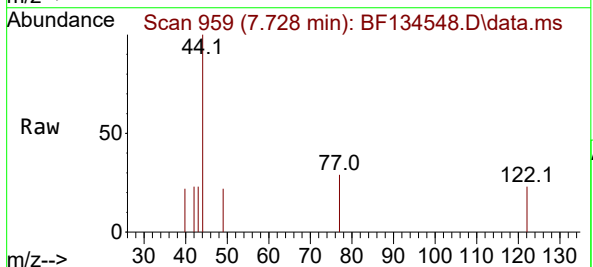
Instrument :
BNA_F
ClientSampleId :
PB154429BL

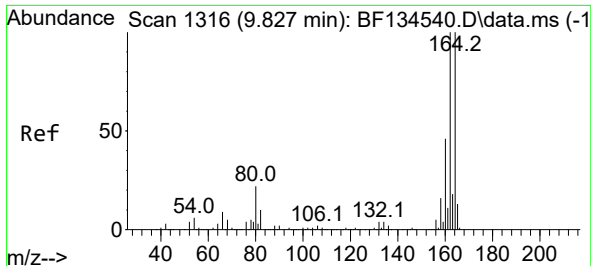
Tgt Ion: 82 Resp: 1359064
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.872 ng
RT: 7.728 min Scan# 959
Delta R.T. -0.117 min
Lab File: BF134548.D
Acq: 01 Aug 2023 15:00

Tgt Ion: 122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 87.5 127.5#
77 125.0 71.4 111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134548.D

Acq: 01 Aug 2023 15:00

Instrument :

BNA_F

ClientSampleId :

PB154429BL

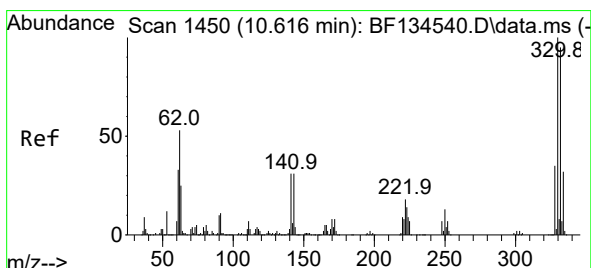
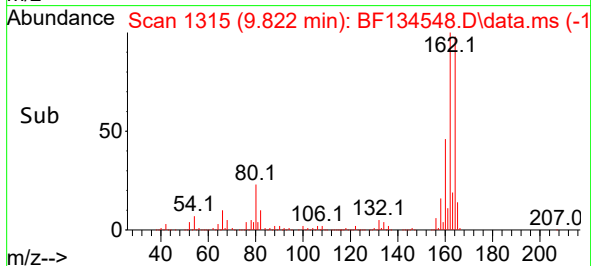
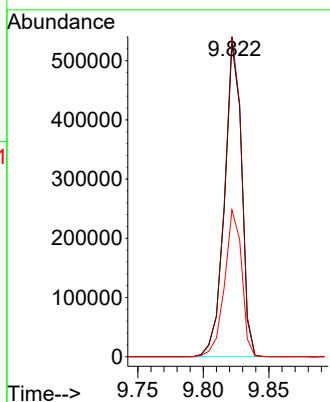
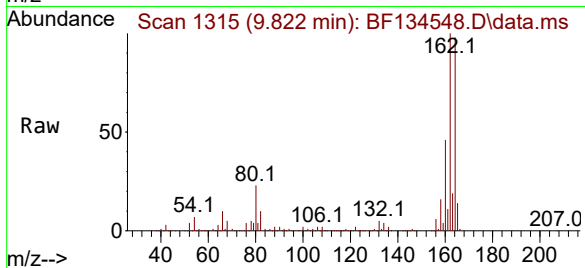
Tgt Ion:164 Resp: 478094

Ion Ratio Lower Upper

164 100

162 102.2 82.6 123.8

160 46.9 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 125.378 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF134548.D

Acq: 01 Aug 2023 15:00

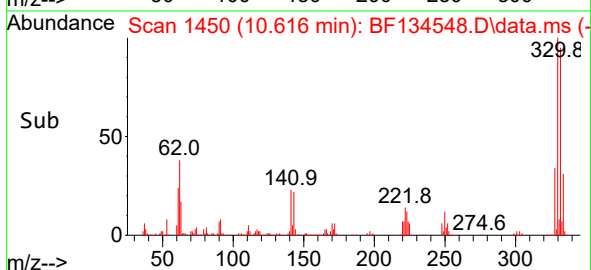
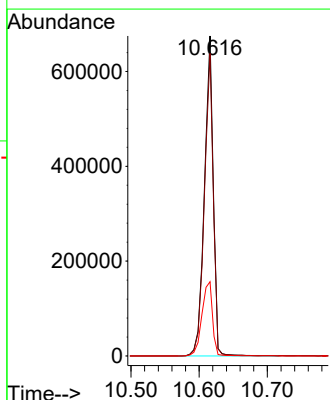
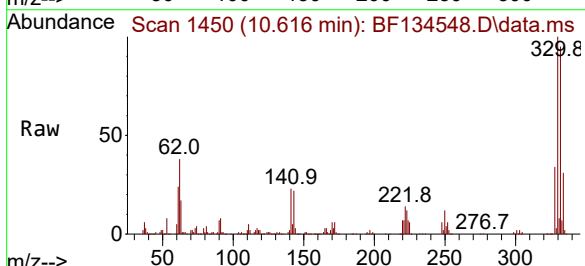
Tgt Ion:330 Resp: 611055

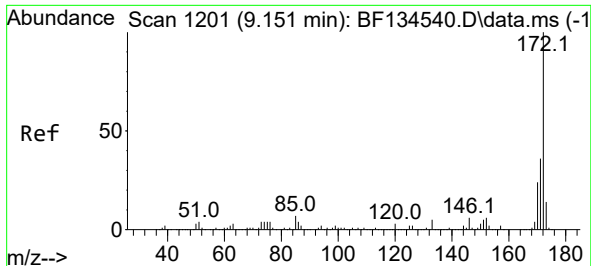
Ion Ratio Lower Upper

330 100

332 95.3 78.8 118.2

141 27.7 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 80.797 ng

RT: 9.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134548.D

Acq: 01 Aug 2023 15:00

Instrument :

BNA_F

ClientSampleId :

PB154429BL

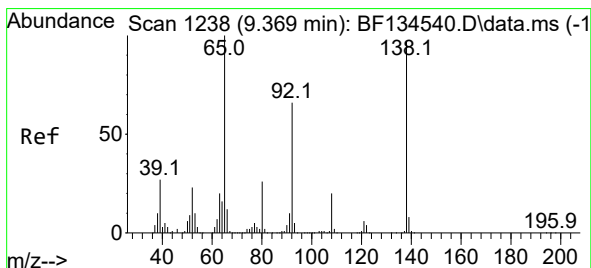
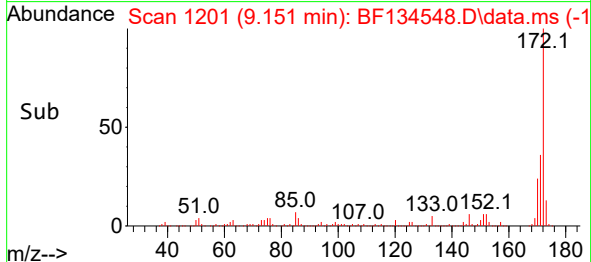
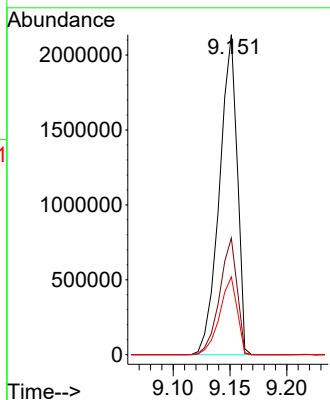
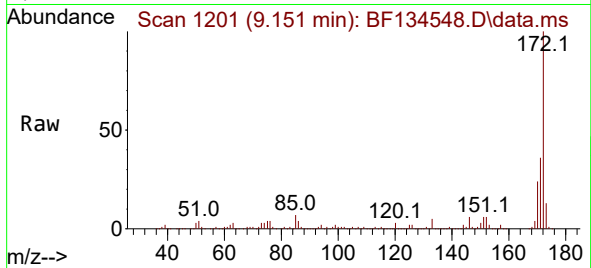
Tgt Ion:172 Resp: 2323266

Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 24.3 18.7 28.1



#48

2-Nitroaniline

Concen: 3.596 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.224 min

Lab File: BF134548.D

Acq: 01 Aug 2023 15:00

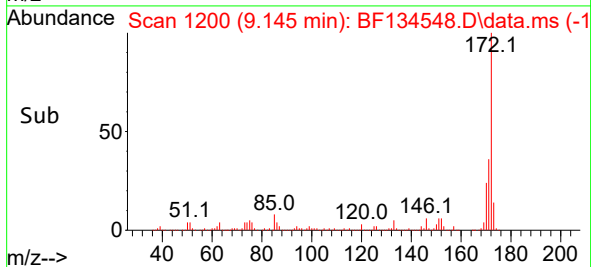
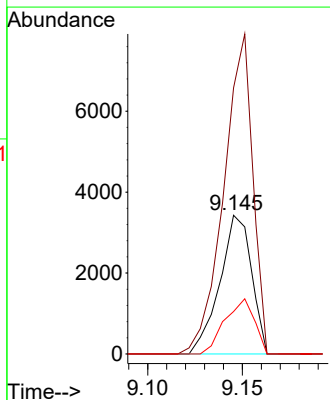
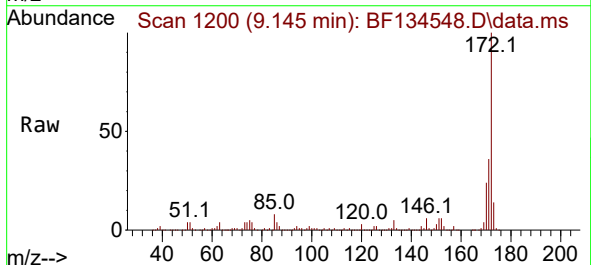
Tgt Ion: 65 Resp: 3993

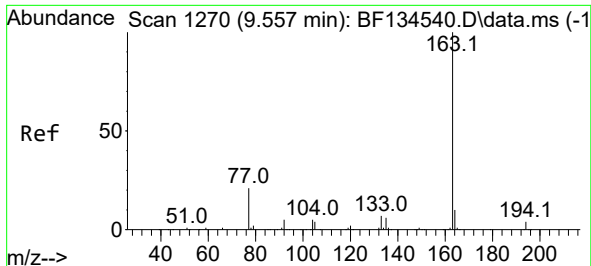
Ion Ratio Lower Upper

65 100

92 191.9 50.7 76.1#

138 30.6 78.2 117.4#

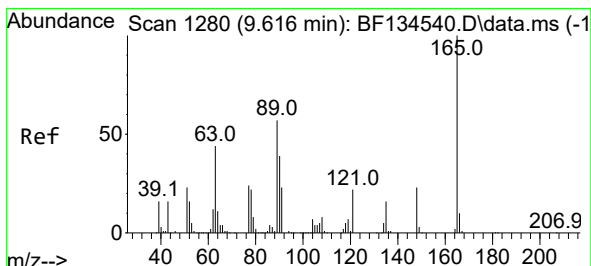
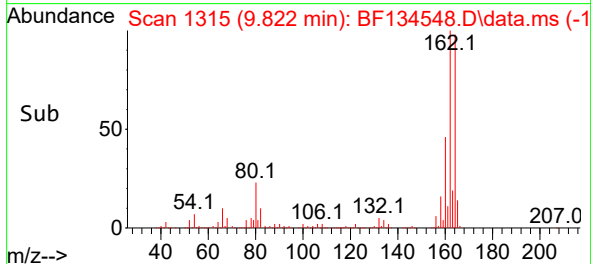
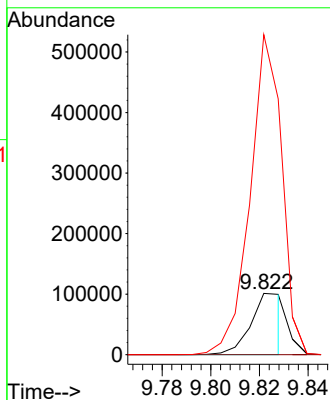
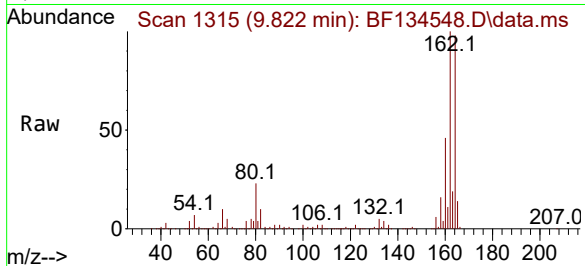




#50
Dimethylphthalate
Concen: 2.828 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF134548.D
Acq: 01 Aug 2023 15:00

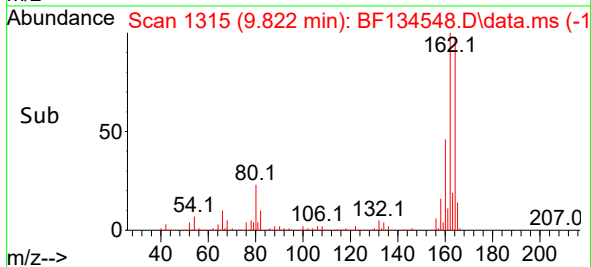
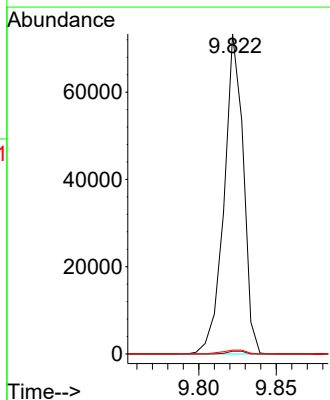
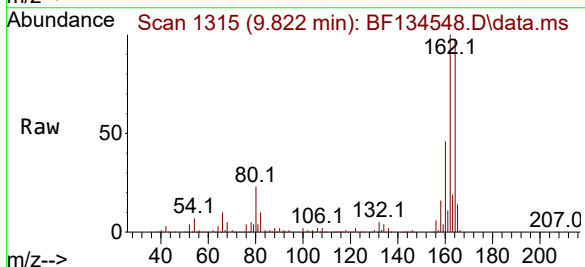
Instrument :
BNA_F
ClientSampleId :
PB154429BL

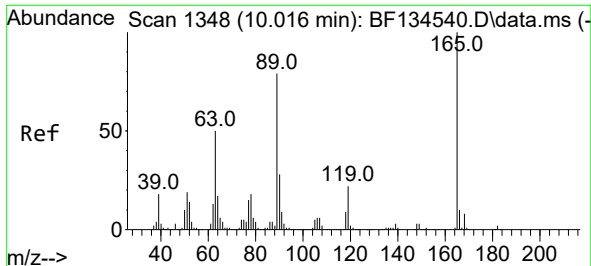
Tgt Ion:163 Resp: 92147
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 522.1 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.452 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF134548.D
Acq: 01 Aug 2023 15:00

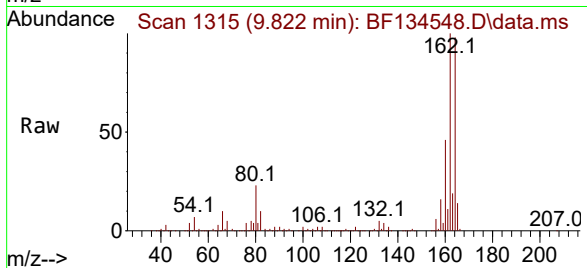
Tgt Ion:165 Resp: 63074
Ion Ratio Lower Upper
165 100
63 0.9 57.8 86.6#
89 1.2 51.8 77.8#



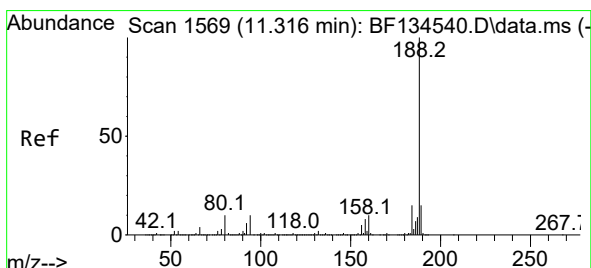
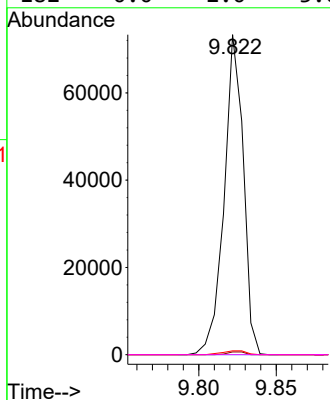
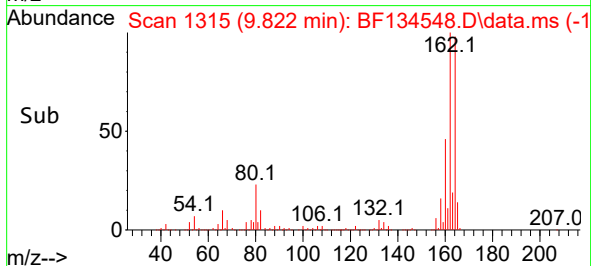


#57
2,4-Dinitrotoluene
Concen: 10.208 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134548.D
Acq: 01 Aug 2023 15:00

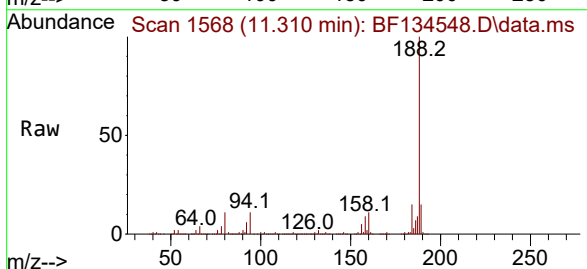
Instrument :
BNA_F
ClientSampleId :
PB154429BL



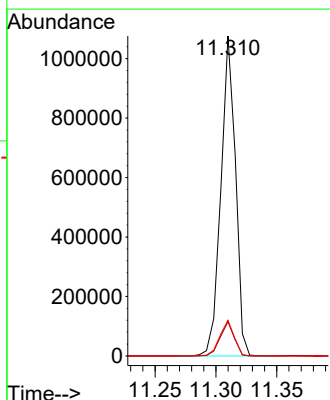
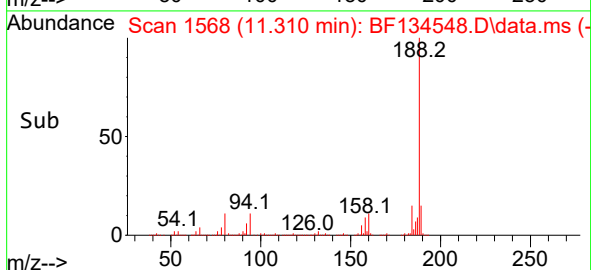
Tgt Ion:165 Resp: 63074
Ion Ratio Lower Upper
165 100
63 0.9 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#

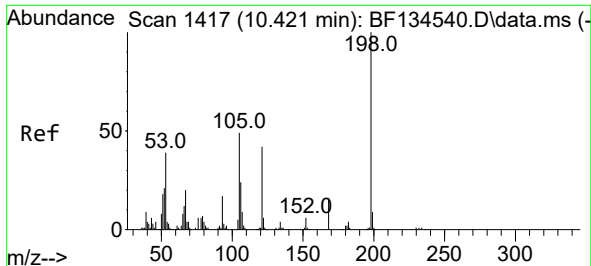


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF134548.D
Acq: 01 Aug 2023 15:00



Tgt Ion:188 Resp: 899174
Ion Ratio Lower Upper
188 100
94 10.7 5.1 7.7#
80 11.2 6.6 9.8#

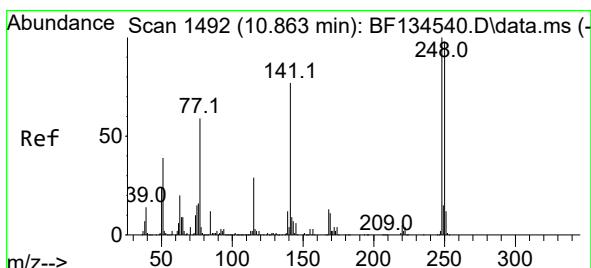
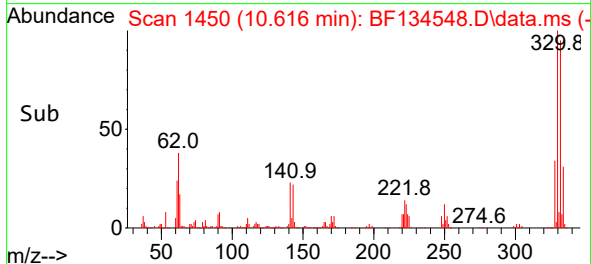
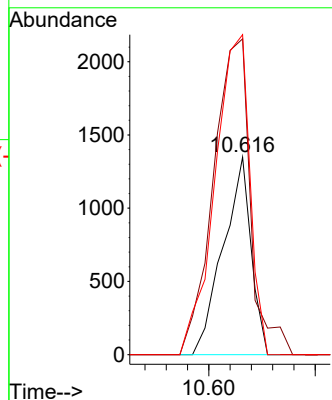
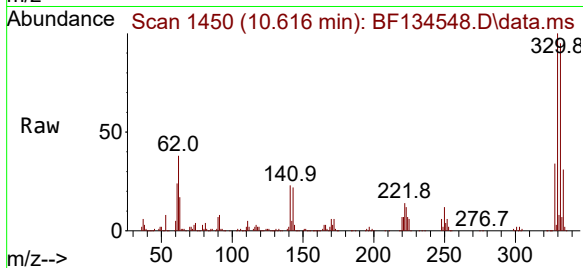




#65
4,6-Dinitro-2-methylphenol
Concen: 8.976 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.195 min
Lab File: BF134548.D
Acq: 01 Aug 2023 15:00

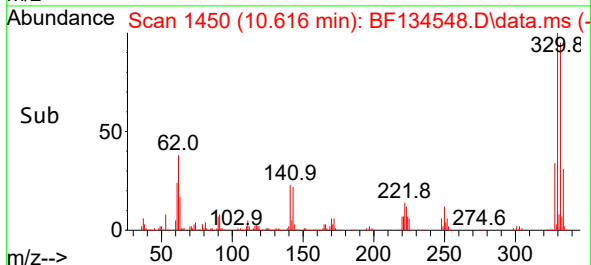
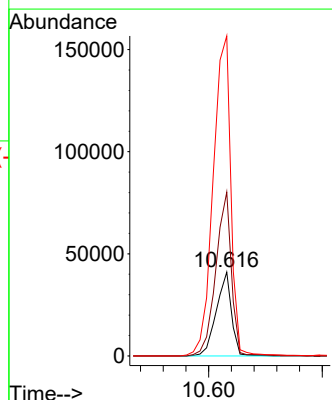
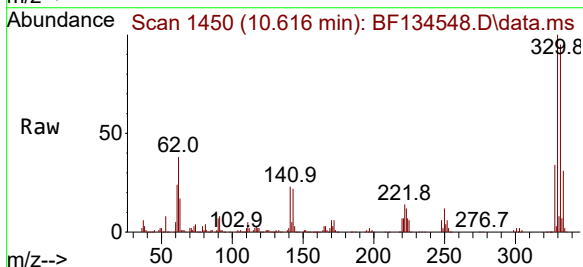
Instrument :
BNA_F
ClientSampleId :
PB154429BL

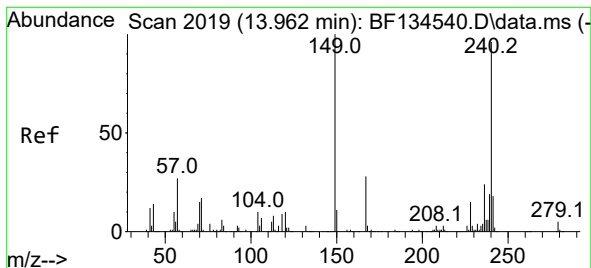
Tgt Ion:198 Resp: 1229
Ion Ratio Lower Upper
198 100
51 159.9 38.6 78.6#
105 162.0 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 3.875 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF134548.D
Acq: 01 Aug 2023 15:00

Tgt Ion:248 Resp: 38140
Ion Ratio Lower Upper
248 100
250 195.5 79.6 119.4#
141 382.0 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 20

Delta R.T. -0.011 min

Lab File: BF134548.D

Acq: 01 Aug 2023 15:00

Instrument :

BNA_F

ClientSampleId :

PB154429BL

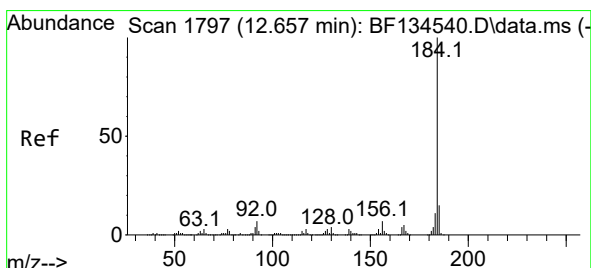
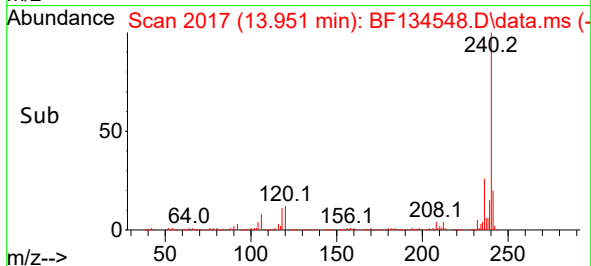
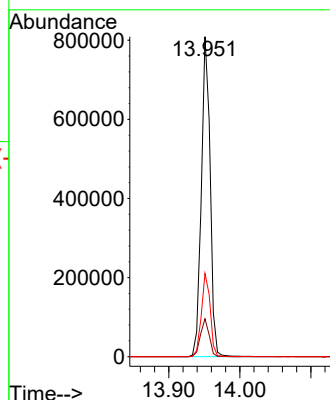
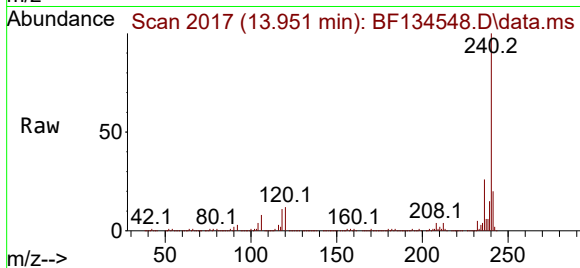
Tgt Ion:240 Resp: 698594

Ion Ratio Lower Upper

240 100

120 11.9 6.6 10.0#

236 26.0 20.2 30.2



#77

Benzidine

Concen: 2.287 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.253 min

Lab File: BF134548.D

Acq: 01 Aug 2023 15:00

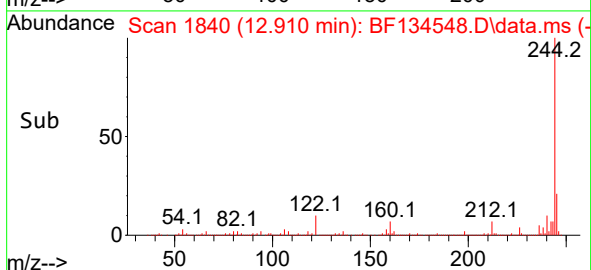
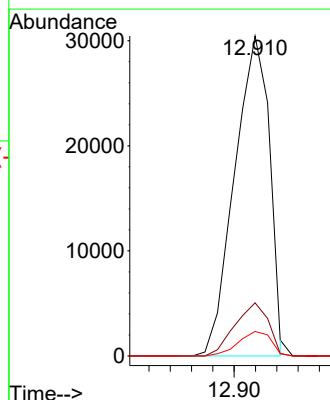
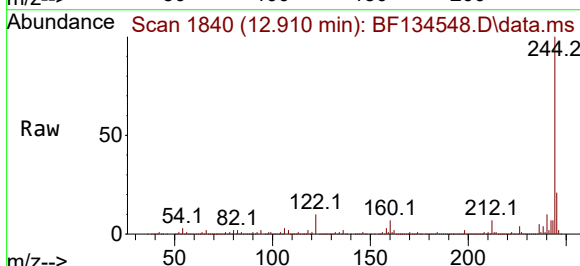
Tgt Ion:184 Resp: 34687

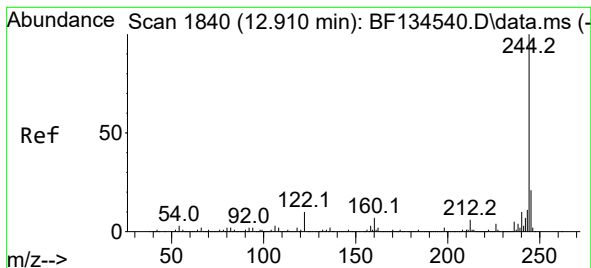
Ion Ratio Lower Upper

184 100

185 16.6 11.2 16.8

183 7.7 8.6 13.0#





#79

Terphenyl-d14

Concen: 71.639 ng

RT: 12.910 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134548.D

Acq: 01 Aug 2023 15:00

Instrument :

BNA_F

ClientSampleId :

PB154429BL

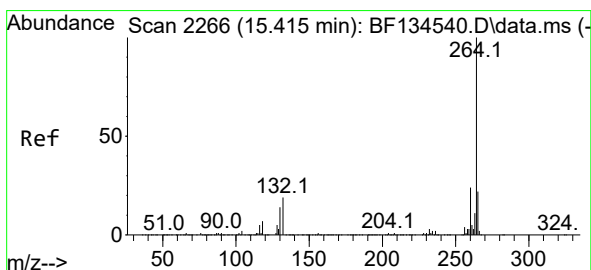
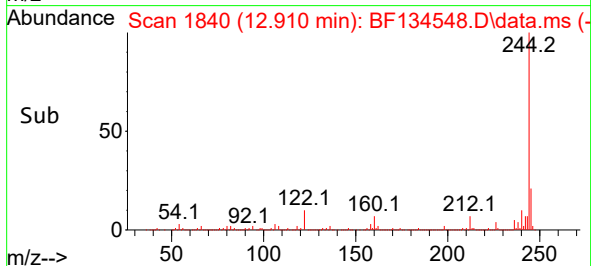
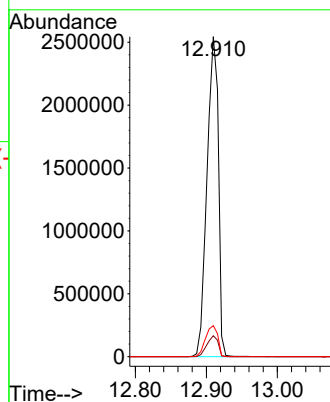
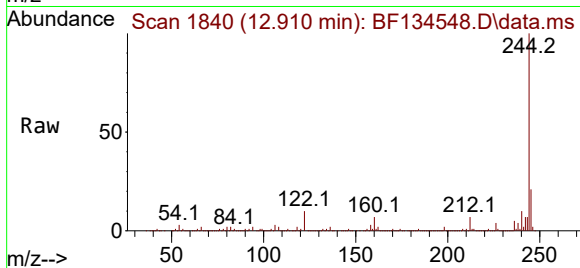
Tgt Ion:244 Resp: 2838920

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 9.7 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.416 min Scan# 2266

Delta R.T. 0.000 min

Lab File: BF134548.D

Acq: 01 Aug 2023 15:00

Tgt Ion:264 Resp: 653974

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 20.9 15.8 23.8

