

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134603.D
 Acq On : 03 Aug 2023 10:25
 Operator : CG\JU
 Sample : 03686-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P20BRE

Quant Time: Aug 04 01:05:09 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)

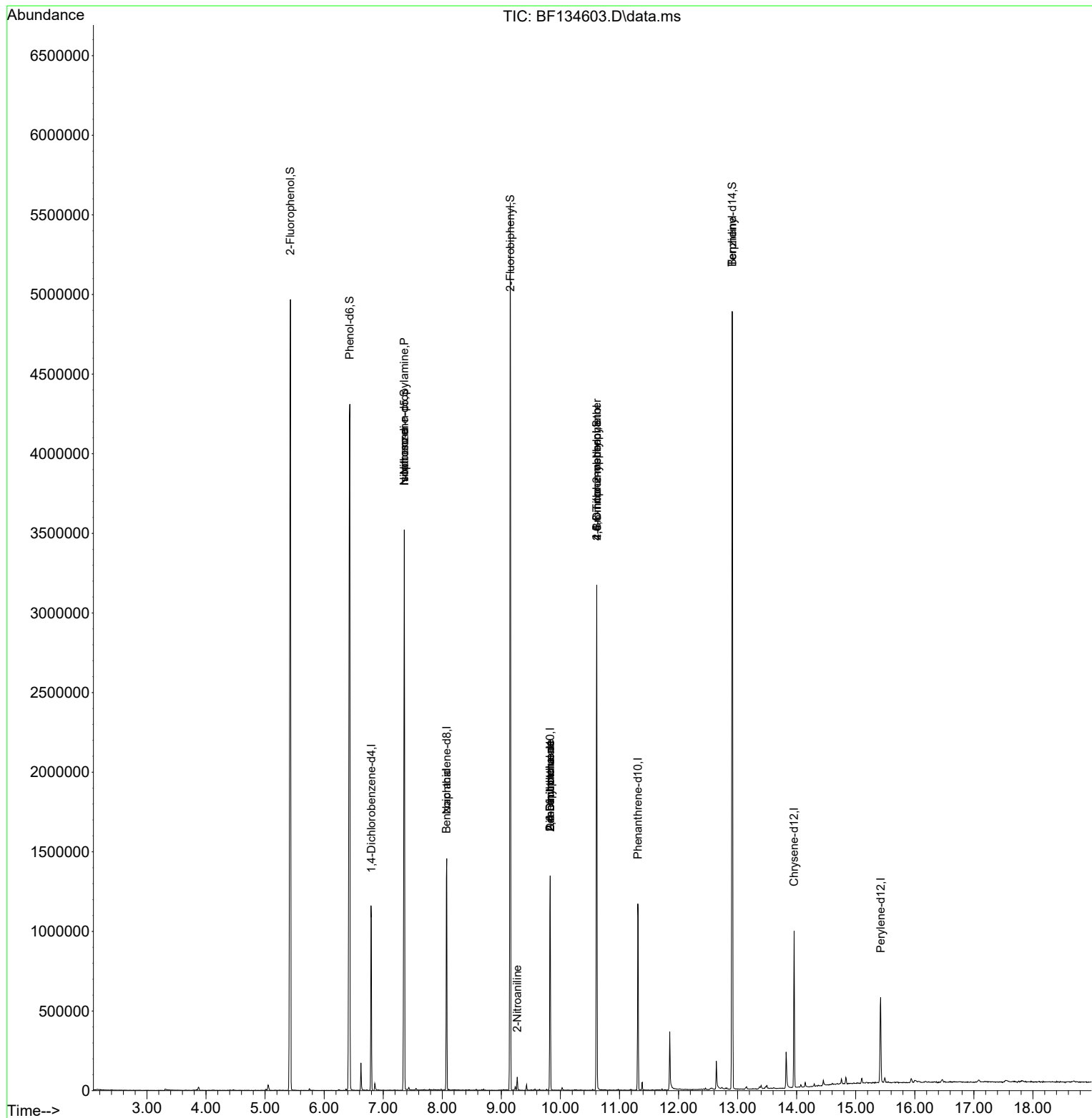
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	166968	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	617541	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	252753	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	423567	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	295369	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	238089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1561700	142.179	ng	0.01
7) Phenol-d6	6.434	99	1957177	139.391	ng	0.00
23) Nitrobenzene-d5	7.357	82	1164576	117.850	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	387953	150.569	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1751928	115.248	ng	0.00
79) Terphenyl-d14	12.910	244	1872639	111.766	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	3326	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	157478	18.732	ng	# 74
25) Isophorone	7.357	82	1164300	54.020	ng	# 65
32) Benzoic acid	8.069	122	57	7.875	ng	# 1
48) 2-Nitroaniline	9.269	65	958	3.361	ng	# 17
50) Dimethylphthalate	9.828	163	53139	3.085	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	32274	11.164	ng	# 18
57) 2,4-Dinitrotoluene	9.828	165	32274	9.972	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	879	9.119	ng	# 18
67) 4-Bromophenyl-phenylether	10.616	248	23938	5.163	ng	# 1
77) Benzidine	12.910	184	22327	3.482	ng	# 91

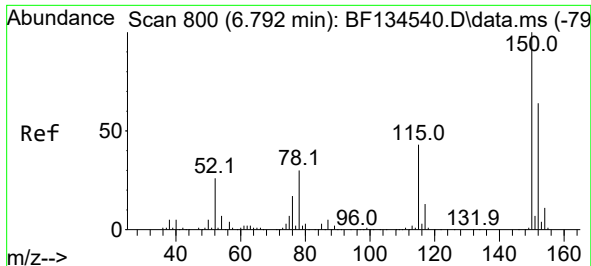
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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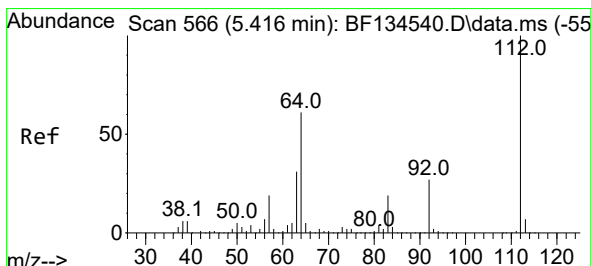
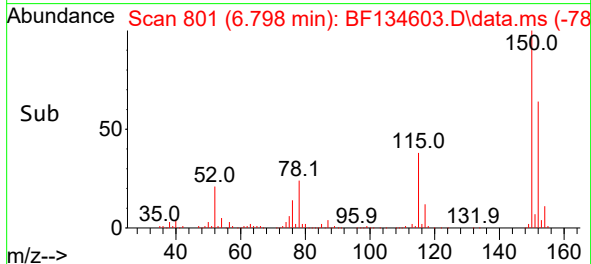
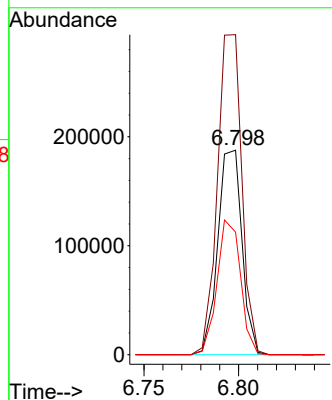
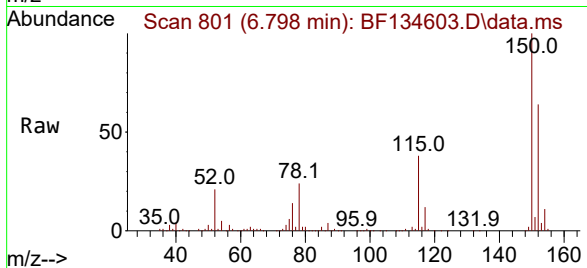




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF134603.D
 Acq: 03 Aug 2023 10:25

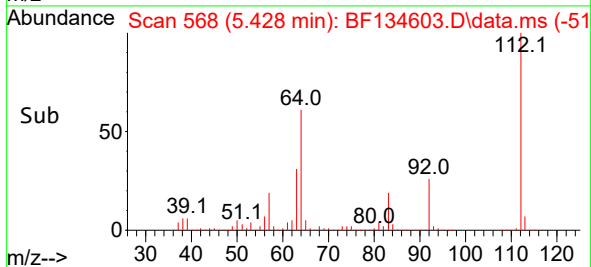
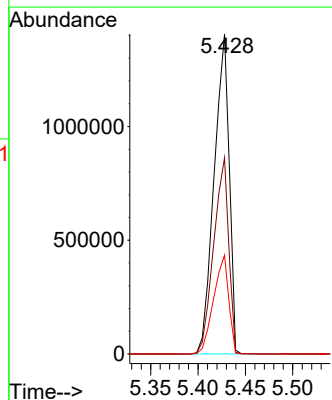
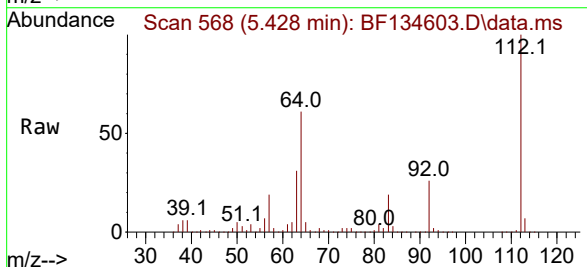
Instrument :
 BNA_F
 ClientSampleId :
 B-P20BRE

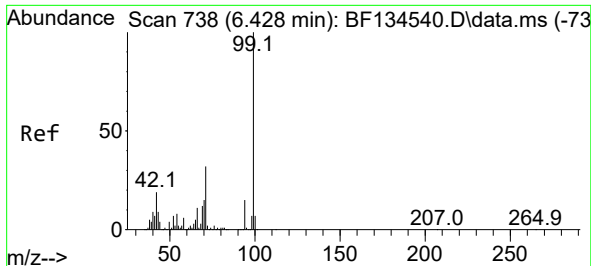
Tgt Ion:152 Resp: 166968
 Ion Ratio Lower Upper
 152 100
 150 156.5 128.3 192.5
 115 59.9 52.4 78.6



#5
 2-Fluorophenol
 Concen: 142.179 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.012 min
 Lab File: BF134603.D
 Acq: 03 Aug 2023 10:25

Tgt Ion:112 Resp: 1561700
 Ion Ratio Lower Upper
 112 100
 64 61.3 44.9 67.3
 63 30.9 25.4 38.0

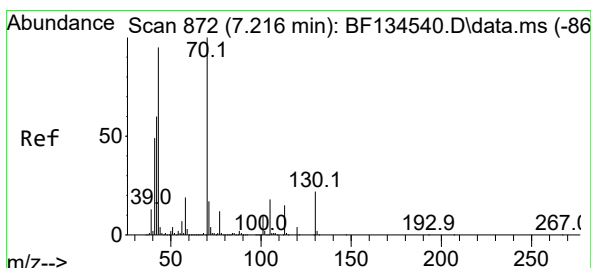
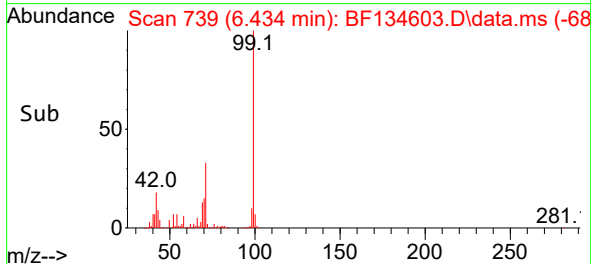
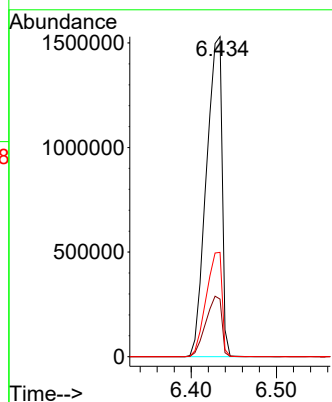
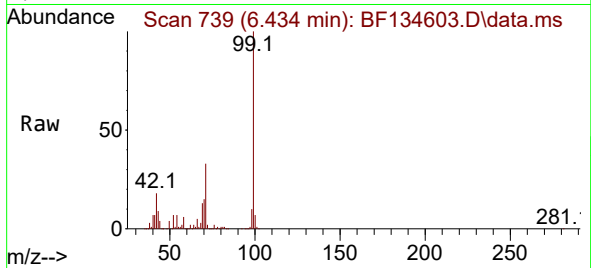




#7
Phenol-d6
Concen: 139.391 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF134603.D
Acq: 03 Aug 2023 10:25

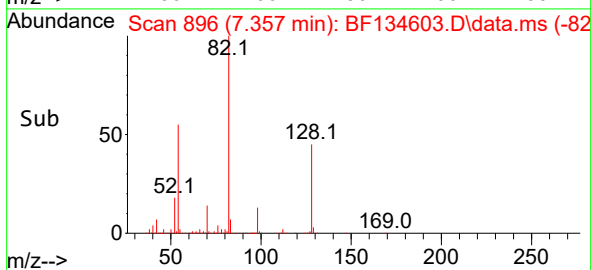
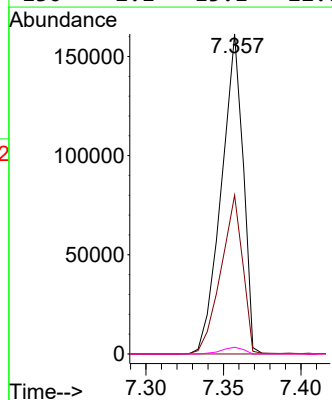
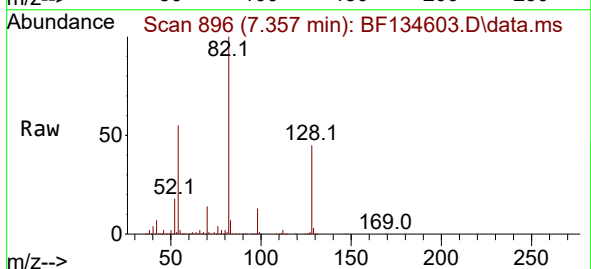
Instrument :
BNA_F
ClientSampleId :
B-P20BRE

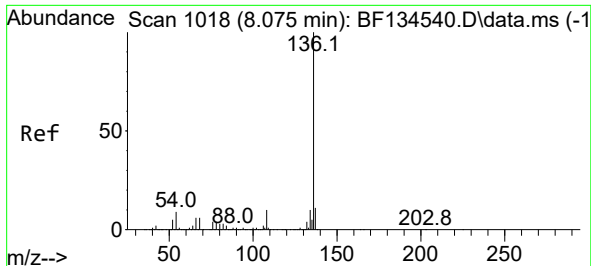
Tgt Ion: 99 Resp: 1957177
Ion Ratio Lower Upper
99 100
42 18.0 18.7 28.1#
71 32.6 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 18.732 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF134603.D
Acq: 03 Aug 2023 10:25

Tgt Ion: 70 Resp: 157478
Ion Ratio Lower Upper
70 100
42 49.6 54.7 82.1#
101 0.0 8.2 12.2#
130 2.1 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: BF134603.D

Acq: 03 Aug 2023 10:25

Instrument :

BNA_F

ClientSampleId :

B-P20BRE

Tgt Ion:136 Resp: 617541

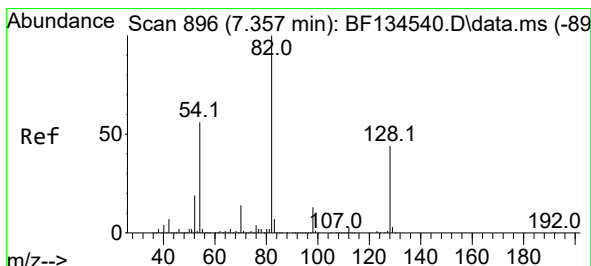
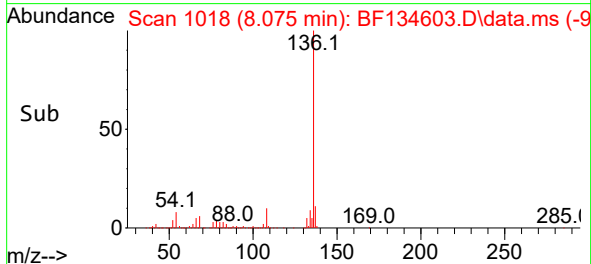
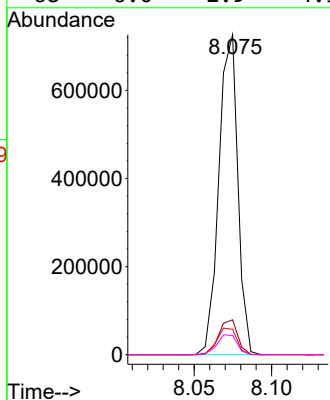
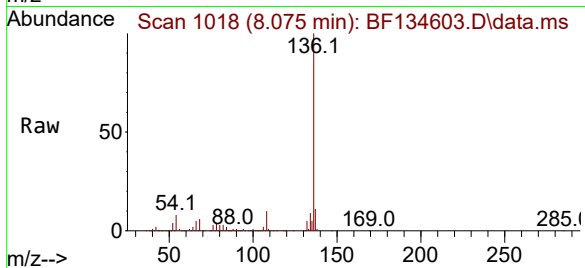
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 7.9 5.2 7.8#

68 6.0 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 117.850 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF134603.D

Acq: 03 Aug 2023 10:25

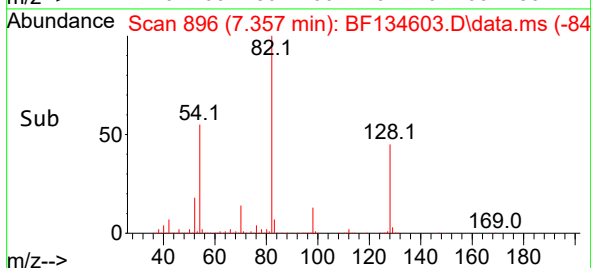
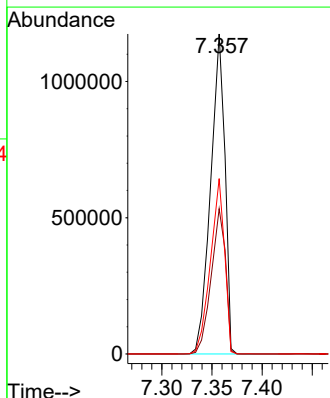
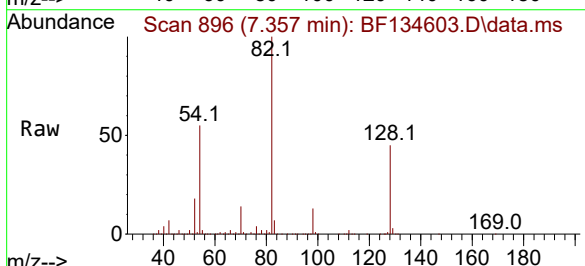
Tgt Ion: 82 Resp: 1164576

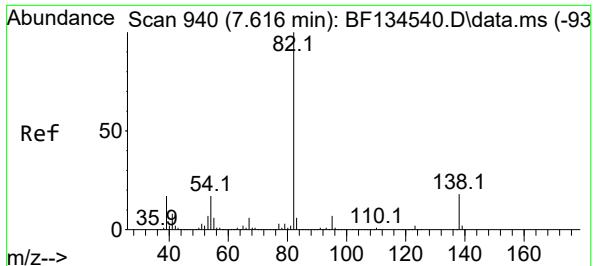
Ion Ratio Lower Upper

82 100

128 45.4 34.3 51.5

54 54.8 43.8 65.6

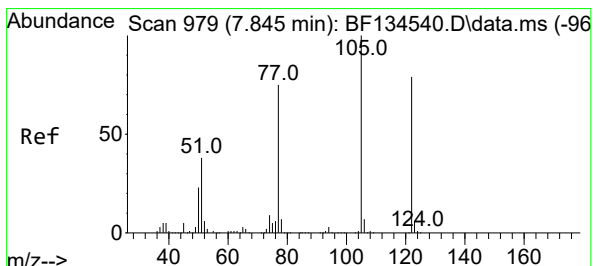
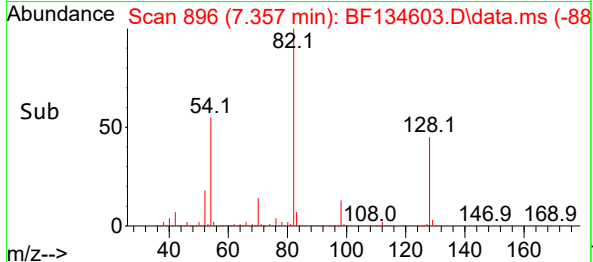
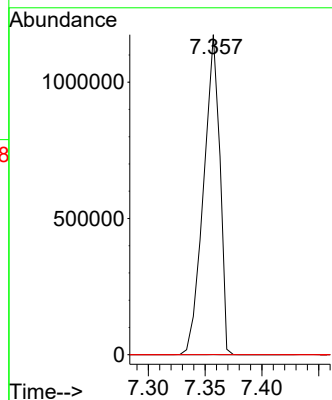
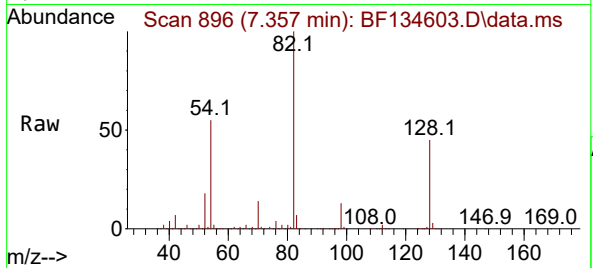




#25
Isophorone
Concen: 54.020 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.259 min
Lab File: BF134603.D
Acq: 03 Aug 2023 10:25

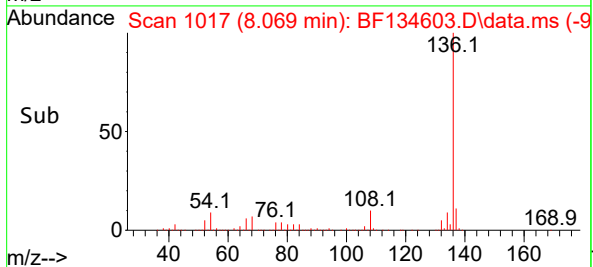
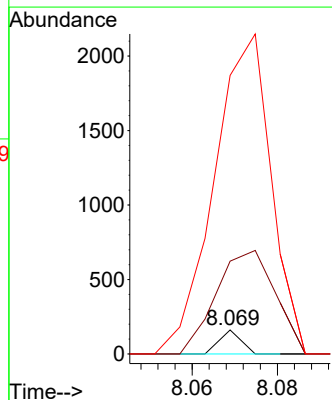
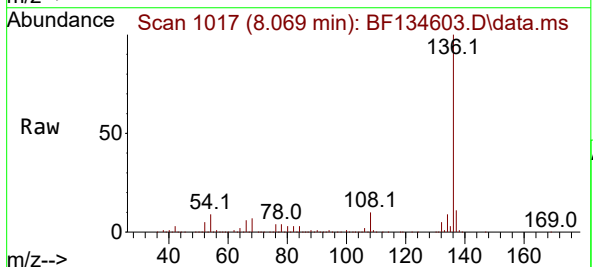
Instrument :
BNA_F
ClientSampleId :
B-P20BRE

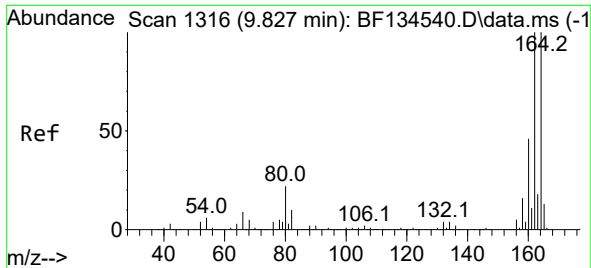
Tgt Ion: 82 Resp: 1164300
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.875 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.224 min
Lab File: BF134603.D
Acq: 03 Aug 2023 10:25

Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 384.6 87.5 127.5#
77 1154.3 71.4 111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134603.D

Acq: 03 Aug 2023 10:25

Instrument :

BNA_F

ClientSampleId :

B-P20BRE

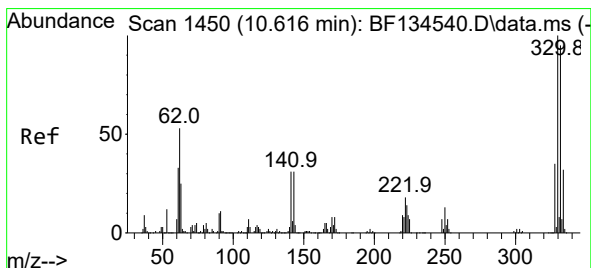
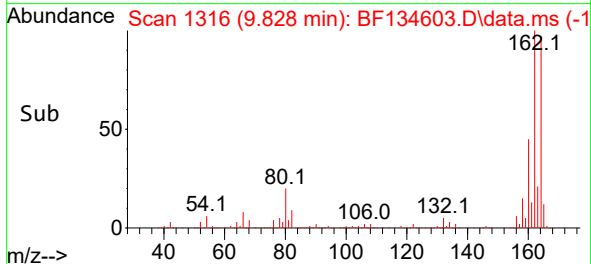
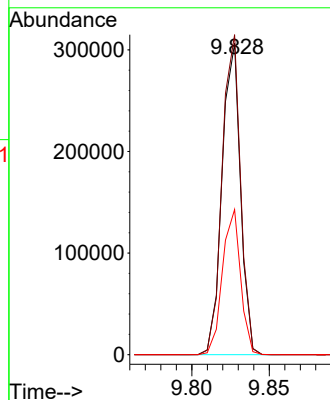
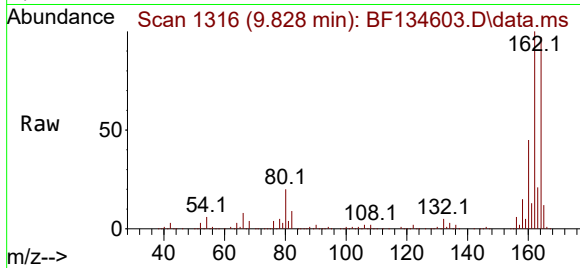
Tgt Ion:164 Resp: 252753

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

160 46.7 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 150.569 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF134603.D

Acq: 03 Aug 2023 10:25

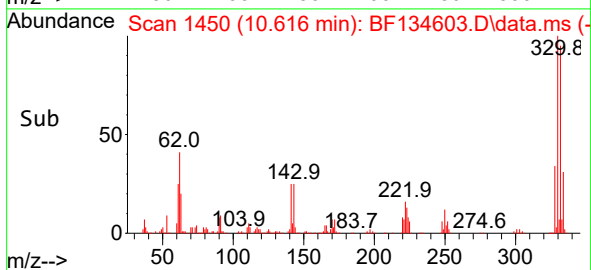
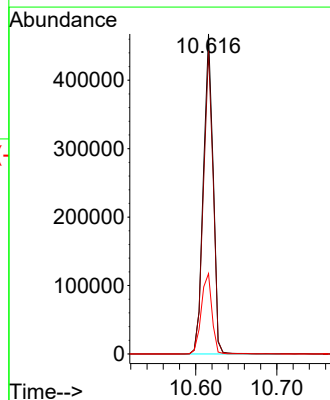
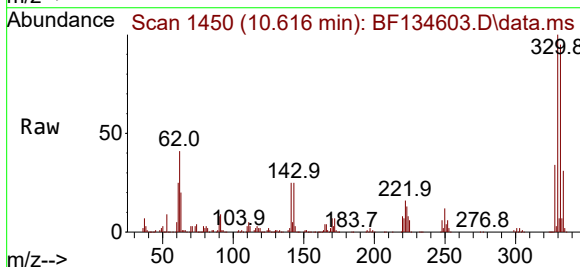
Tgt Ion:330 Resp: 387953

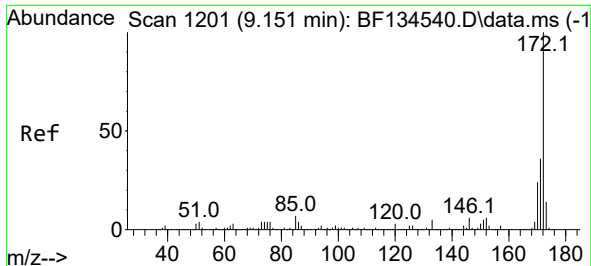
Ion Ratio Lower Upper

330 100

332 94.9 78.8 118.2

141 27.5 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 115.248 ng

RT: 9.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134603.D

Acq: 03 Aug 2023 10:25

Instrument :

BNA_F

ClientSampleId :

B-P20BRE

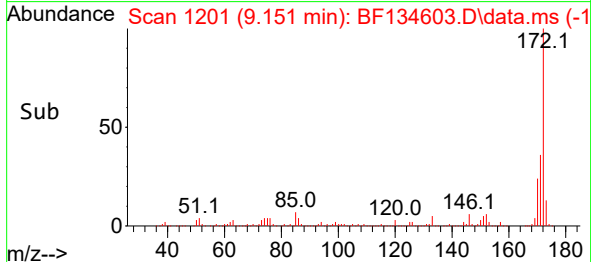
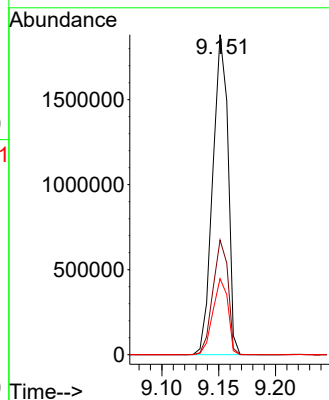
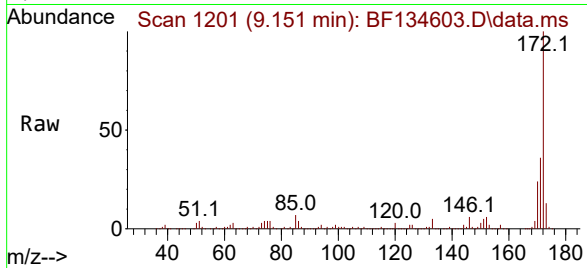
Tgt Ion:172 Resp: 1751928

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.7 18.7 28.1



#48

2-Nitroaniline

Concen: 3.361 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.100 min

Lab File: BF134603.D

Acq: 03 Aug 2023 10:25

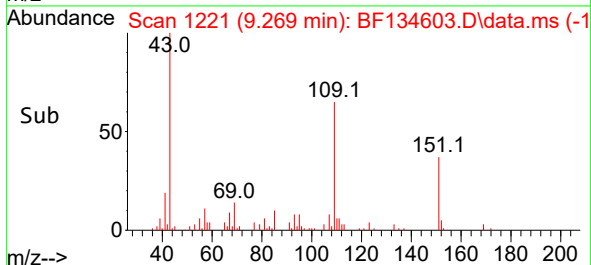
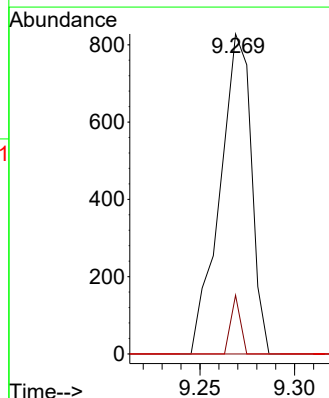
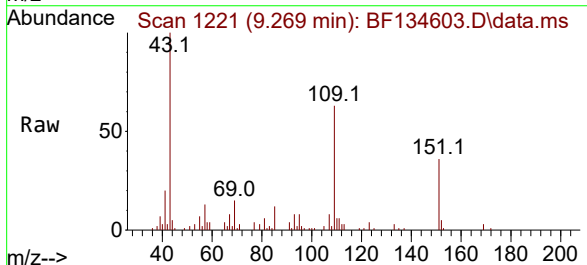
Tgt Ion: 65 Resp: 958

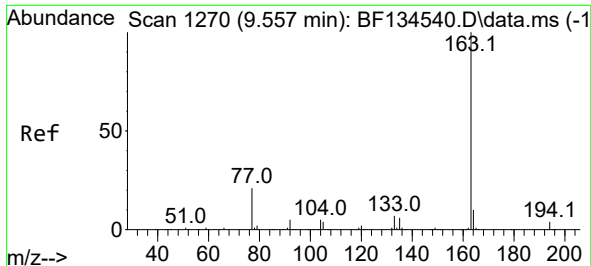
Ion Ratio Lower Upper

65 100

92 18.4 50.7 76.1#

138 0.0 78.2 117.4#

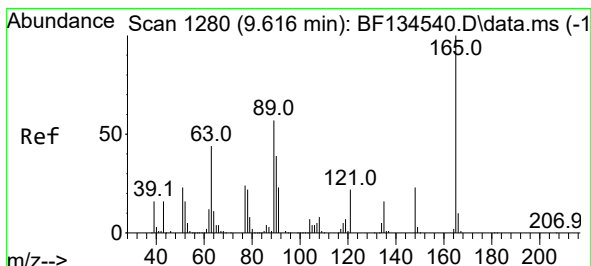
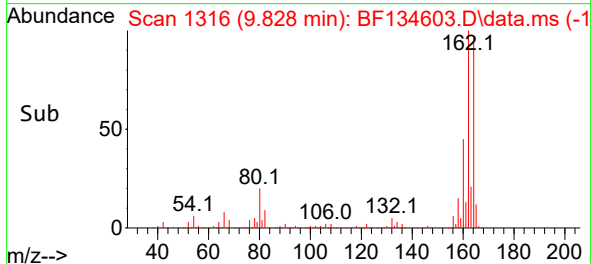
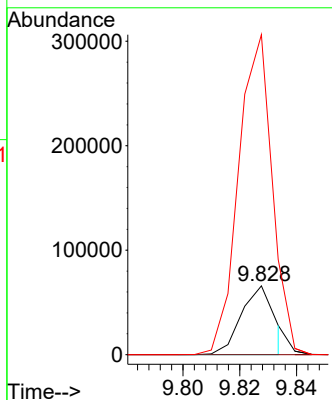
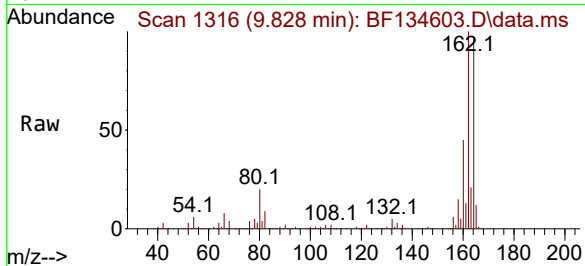




#50
Dimethylphthalate
Concen: 3.085 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.271 min
Lab File: BF134603.D
Acq: 03 Aug 2023 10:25

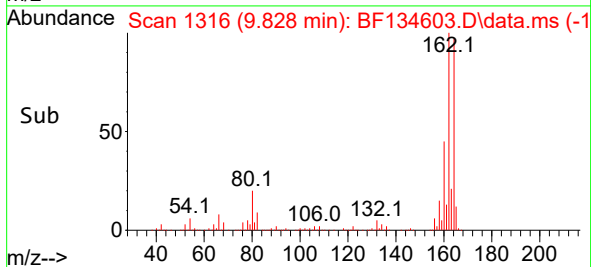
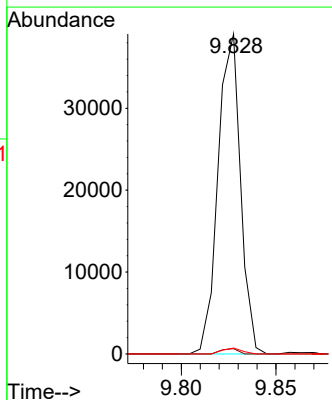
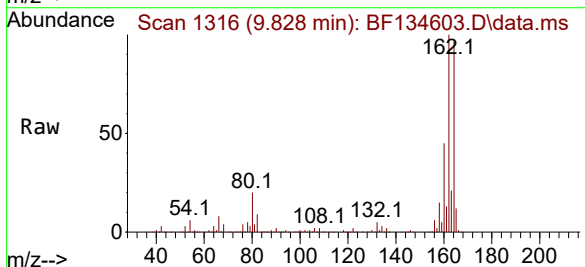
Instrument :
BNA_F
ClientSampleId :
B-P20BRE

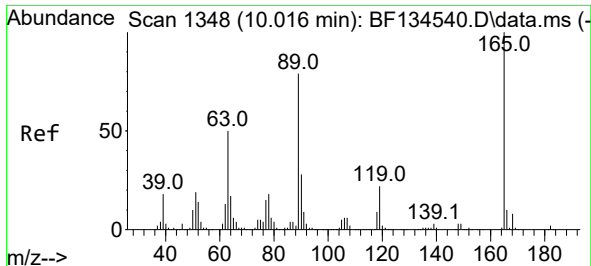
Tgt Ion:163 Resp: 53139
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 465.3 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.164 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF134603.D
Acq: 03 Aug 2023 10:25

Tgt Ion:165 Resp: 32274
Ion Ratio Lower Upper
165 100
63 1.7 57.8 86.6#
89 1.9 51.8 77.8#

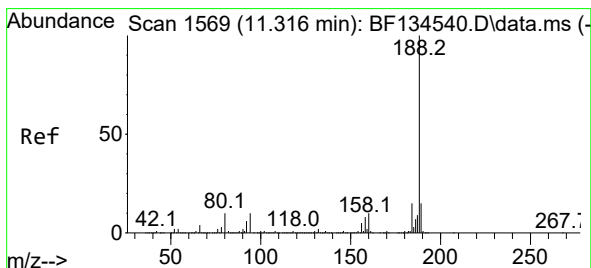
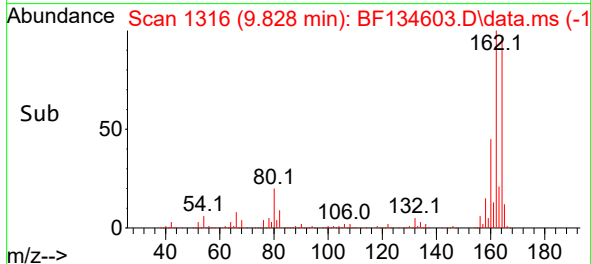
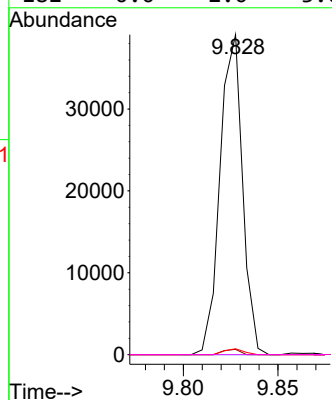
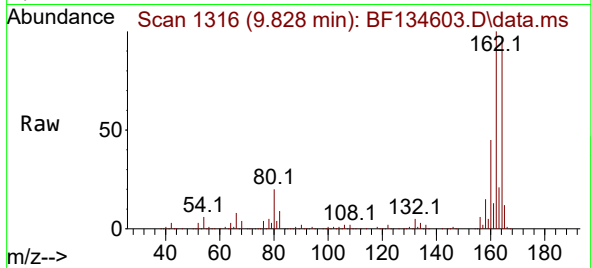




#57
2,4-Dinitrotoluene
Concen: 9.972 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF134603.D
Acq: 03 Aug 2023 10:25

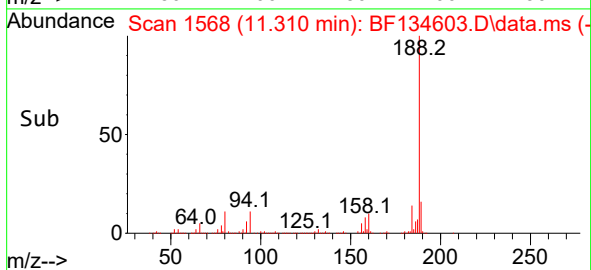
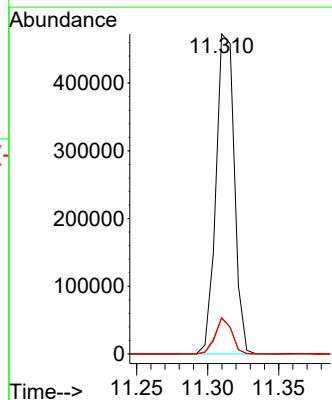
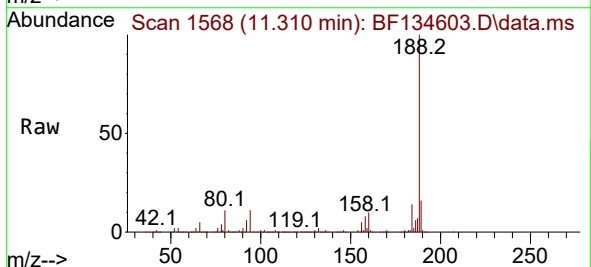
Instrument :
BNA_F
ClientSampleId :
B-P20BRE

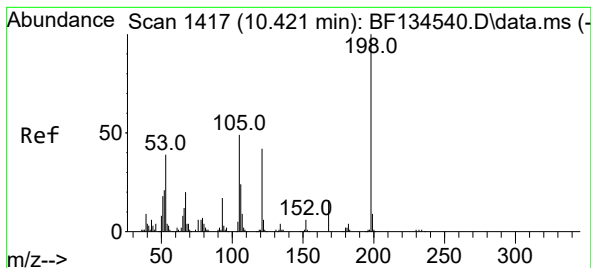
Tgt Ion:165 Resp: 32274
Ion Ratio Lower Upper
165 100
63 1.7 48.9 73.3#
89 1.9 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF134603.D
Acq: 03 Aug 2023 10:25

Tgt Ion:188 Resp: 423567
Ion Ratio Lower Upper
188 100
94 11.2 5.1 7.7#
80 11.4 6.6 9.8#

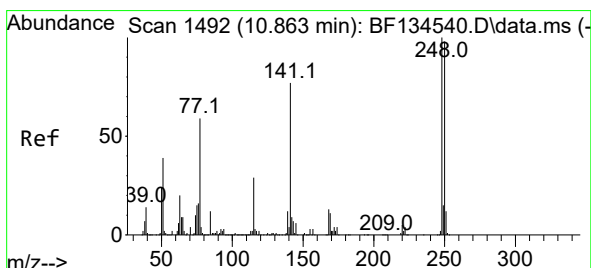
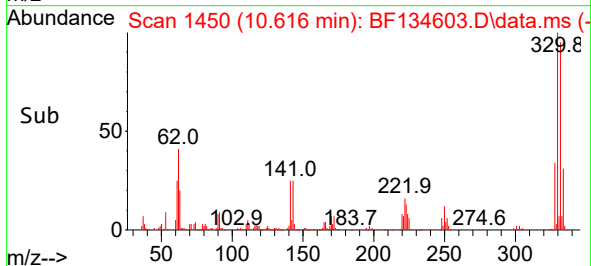
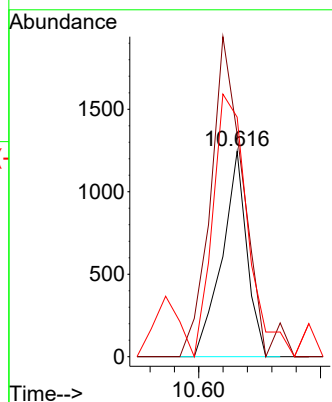
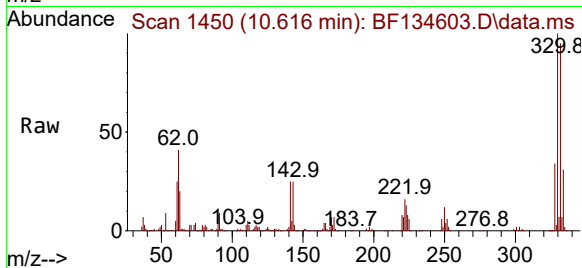




#65
4,6-Dinitro-2-methylphenol
Concen: 9.119 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.195 min
Lab File: BF134603.D
Acq: 03 Aug 2023 10:25

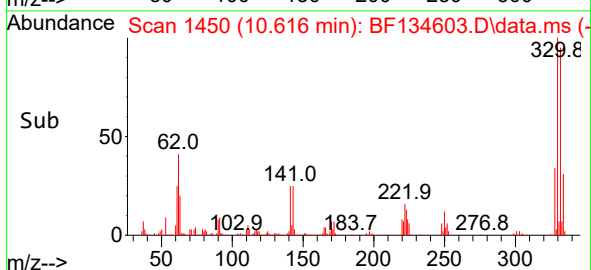
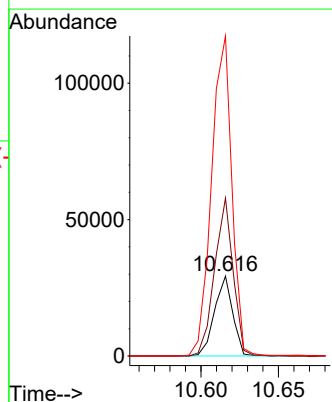
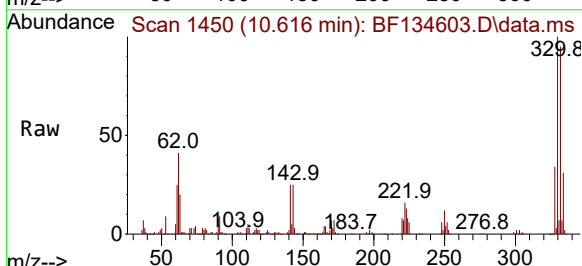
Instrument :
BNA_F
ClientSampleId :
B-P20BRE

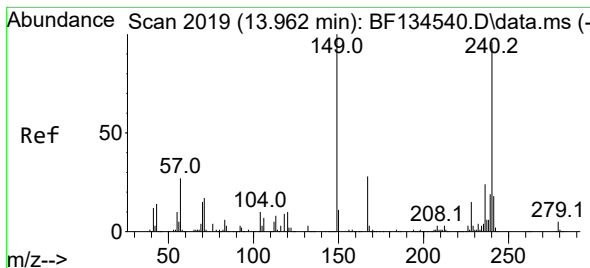
Tgt Ion:198 Resp: 879
Ion Ratio Lower Upper
198 100
51 108.3 38.6 78.6#
105 116.5 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 5.163 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF134603.D
Acq: 03 Aug 2023 10:25

Tgt Ion:248 Resp: 23938
Ion Ratio Lower Upper
248 100
250 197.7 79.6 119.4#
141 400.5 59.6 89.4#

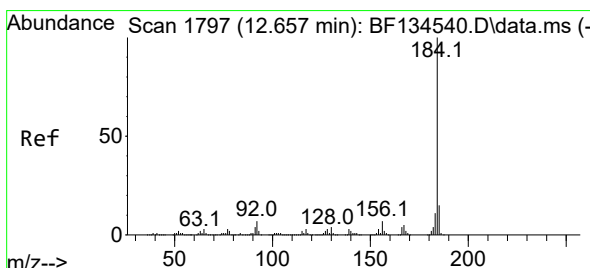
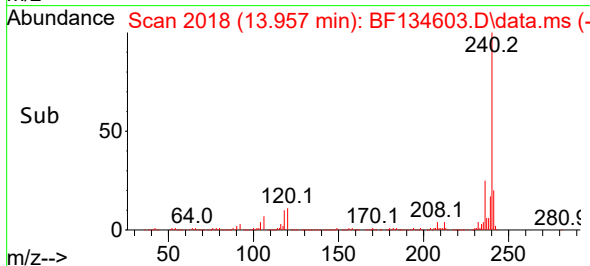
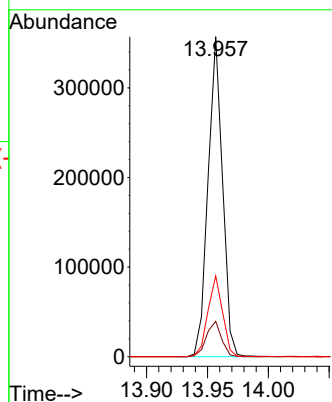
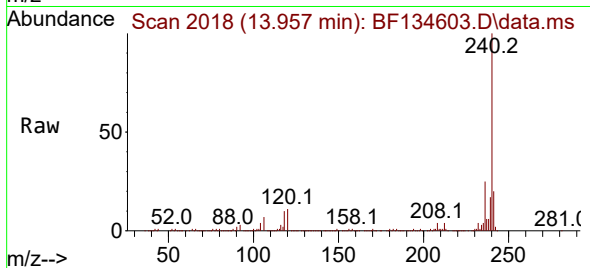




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF134603.D
Acq: 03 Aug 2023 10:25

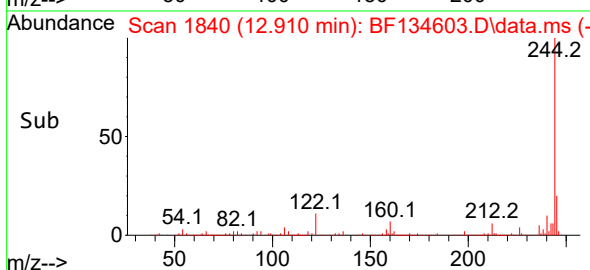
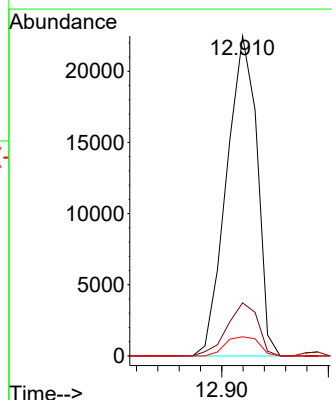
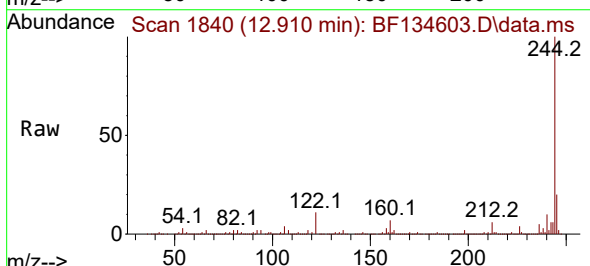
Instrument :
BNA_F
ClientSampleId :
B-P20BRE

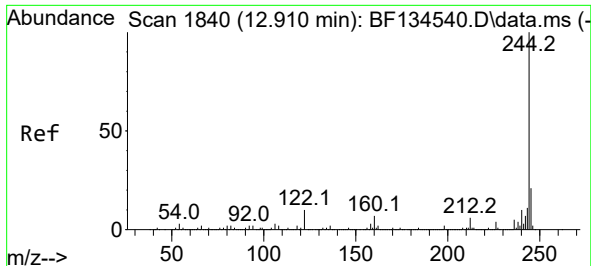
Tgt Ion:240 Resp: 295369
Ion Ratio Lower Upper
240 100
120 11.0 6.6 10.0#
236 25.2 20.2 30.2



#77
Benzidine
Concen: 3.482 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.253 min
Lab File: BF134603.D
Acq: 03 Aug 2023 10:25

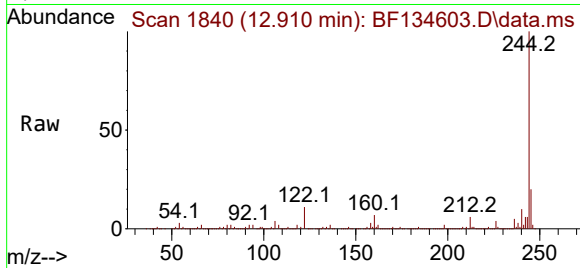
Tgt Ion:184 Resp: 22327
Ion Ratio Lower Upper
184 100
185 16.6 11.2 16.8
183 6.0 8.6 13.0#



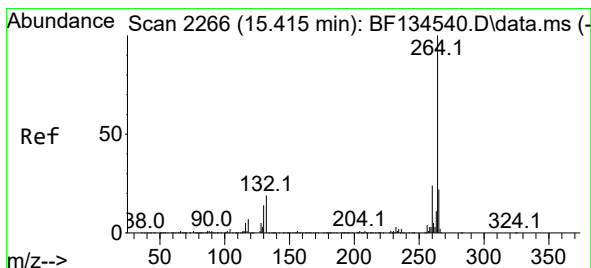
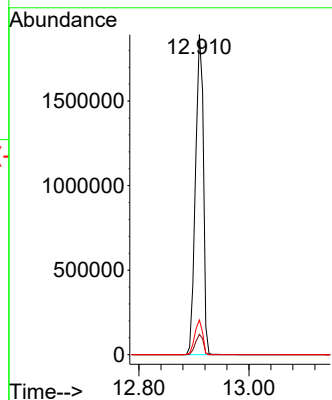
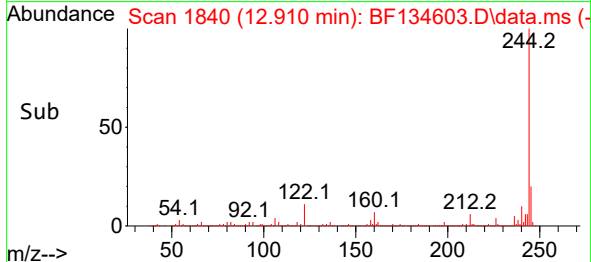


#79
 Terphenyl-d14
 Concen: 111.766 ng
 RT: 12.910 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134603.D
 Acq: 03 Aug 2023 10:25

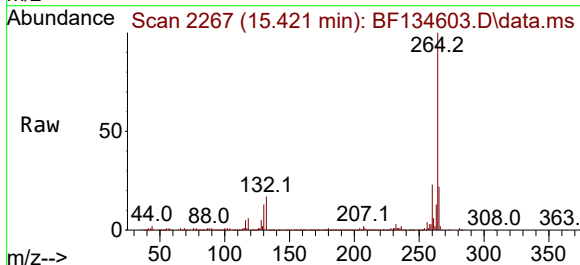
Instrument :
 BNA_F
 ClientSampleId :
 B-P20BRE



Tgt Ion:244 Resp: 1872639
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 10.9 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.006 min
 Lab File: BF134603.D
 Acq: 03 Aug 2023 10:25



Tgt Ion:264 Resp: 238089
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 22.2 15.8 23.8

