

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
 Data File : BF134758.D
 Acq On : 14 Aug 2023 14:26
 Operator : CG\JU
 Sample : 03989-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP24B

Quant Time: Aug 15 00:30:38 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)

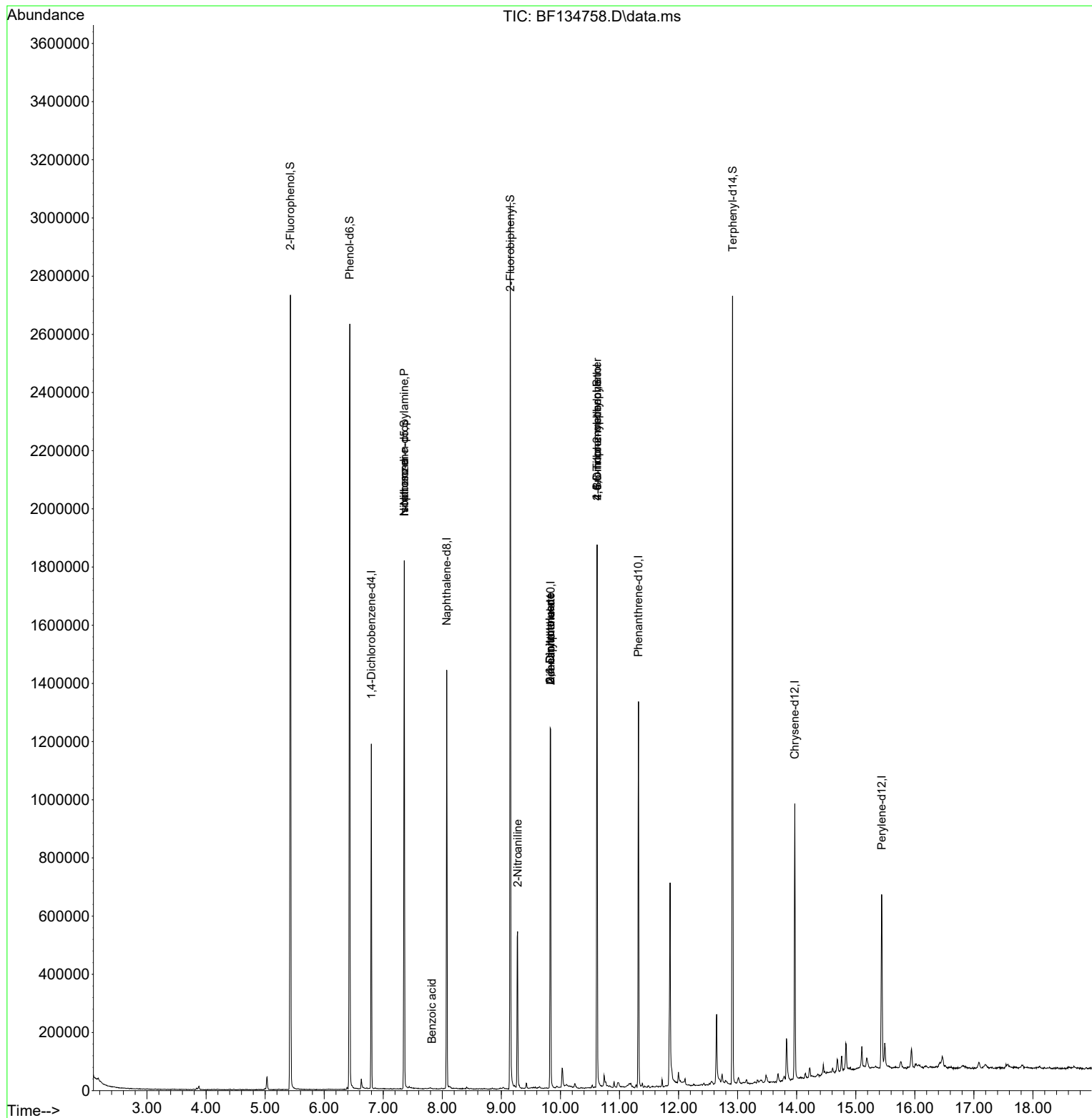
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	153340	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	571361	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	268895	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	469133	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	312537	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	291450	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	735179	72.880	ng	0.00
7) Phenol-d6	6.434	99	895214	69.424	ng	0.00
23) Nitrobenzene-d5	7.357	82	528797	57.837	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	225613	82.307	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	926859	57.312	ng	-0.01
79) Terphenyl-d14	12.916	244	940446	53.046	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.340	77	57	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	70930	9.187	ng	# 71
25) Isophorone	7.357	82	522183	26.186	ng	# 65
32) Benzoic acid	7.822	122	55	7.875	ng	# 1
48) 2-Nitroaniline	9.275	65	6087	4.330	ng	# 16
50) Dimethylphthalate	9.833	163	56178	3.065	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	35010	11.334	ng	# 17
57) 2,4-Dinitrotoluene	9.828	165	35010	10.111	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	434	8.886	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	13521	2.633	ng	# 1

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

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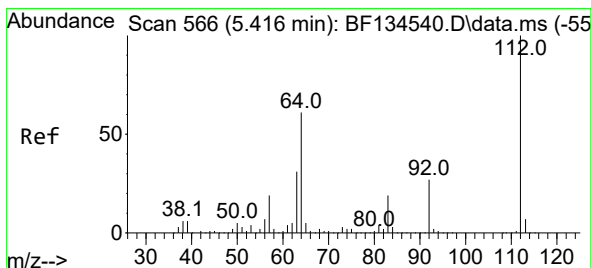
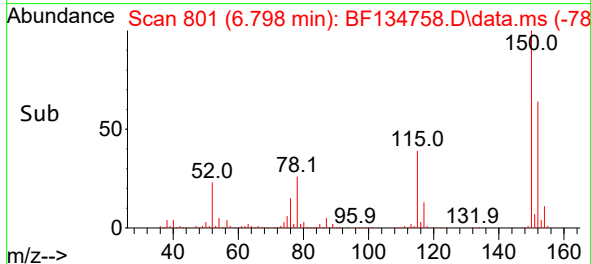
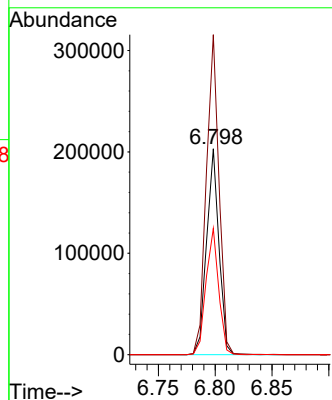
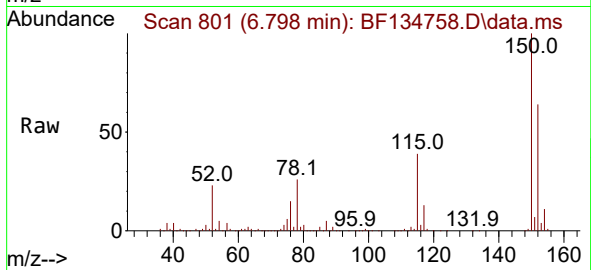




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134758.D
Acq: 14 Aug 2023 14:26

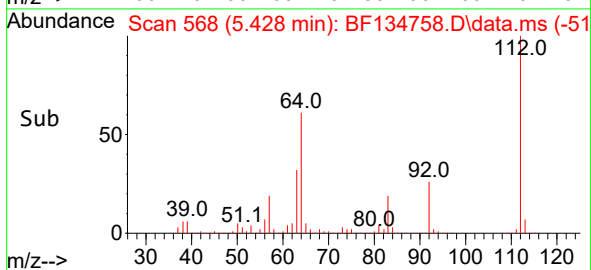
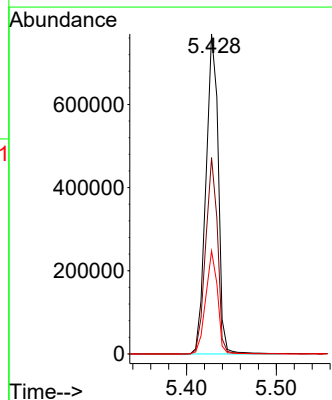
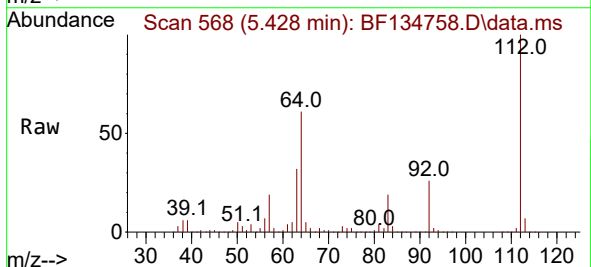
Instrument :
BNA_F
ClientSampleId :
B-PP24B

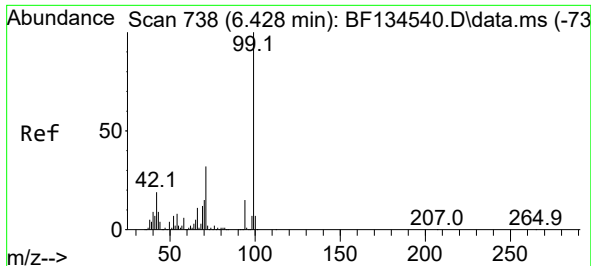
Tgt Ion:152 Resp: 153340
Ion Ratio Lower Upper
152 100
150 155.4 128.3 192.5
115 61.3 52.4 78.6



#5
2-Fluorophenol
Concen: 72.880 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134758.D
Acq: 14 Aug 2023 14:26

Tgt Ion:112 Resp: 735179
Ion Ratio Lower Upper
112 100
64 61.3 44.9 67.3
63 32.2 25.4 38.0

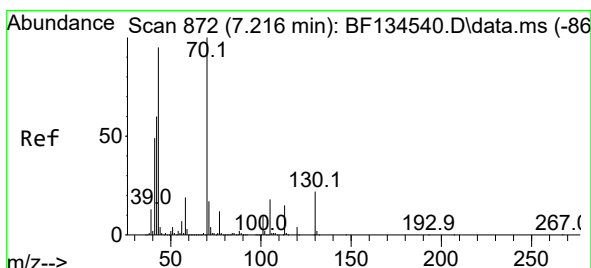
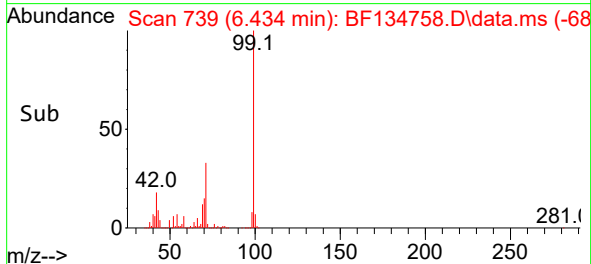
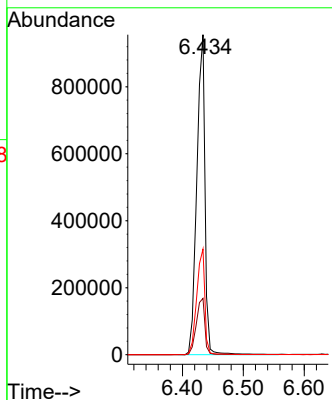
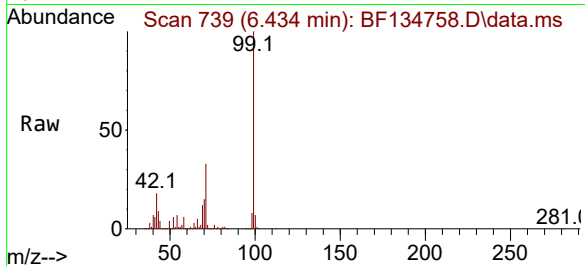




#7
Phenol-d6
Concen: 69.424 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134758.D
Acq: 14 Aug 2023 14:26

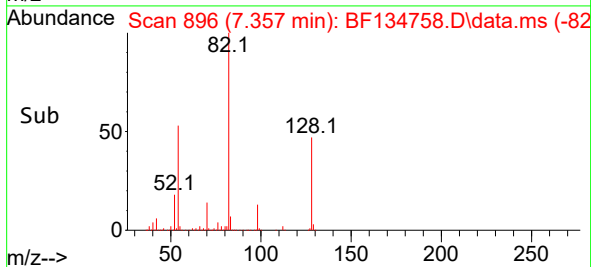
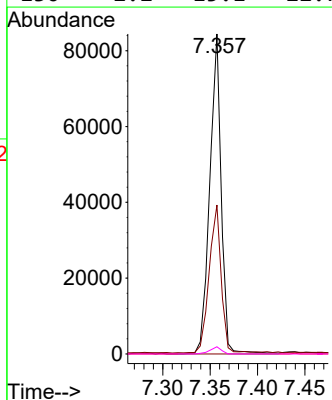
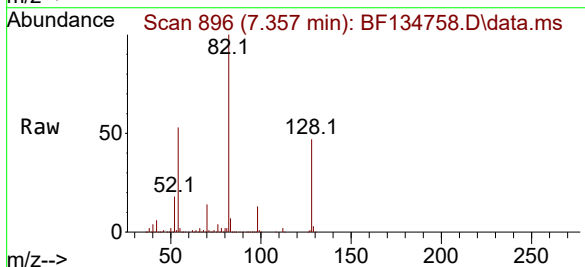
Instrument :
BNA_F
ClientSampleId :
B-PP24B

Tgt Ion: 99 Resp: 895214
Ion Ratio Lower Upper
99 100
42 17.6 18.7 28.1#
71 33.0 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 9.187 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134758.D
Acq: 14 Aug 2023 14:26

Tgt Ion: 70 Resp: 70930
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# 1

Delta R.T. -0.006 min

Lab File: BF134758.D

Acq: 14 Aug 2023 14:26

Instrument :

BNA_F

ClientSampleId :

B-PP24B

Tgt Ion:136 Resp: 571361

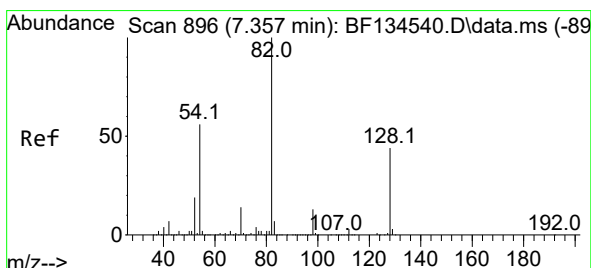
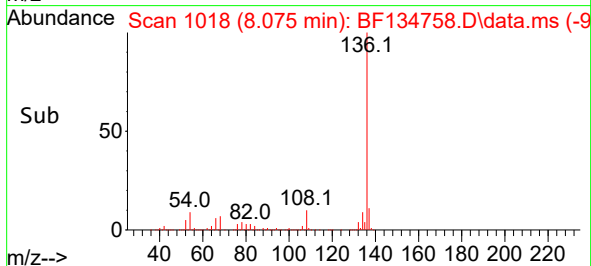
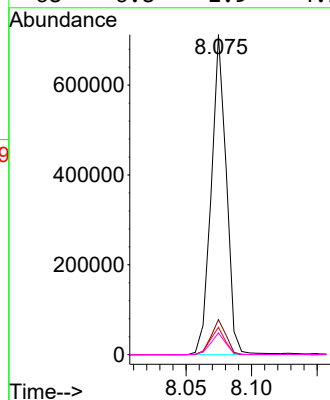
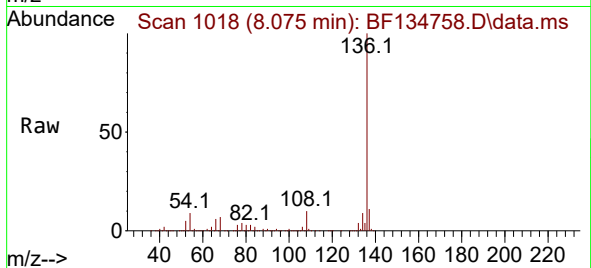
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 8.5 5.2 7.8#

68 6.8 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 57.837 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134758.D

Acq: 14 Aug 2023 14:26

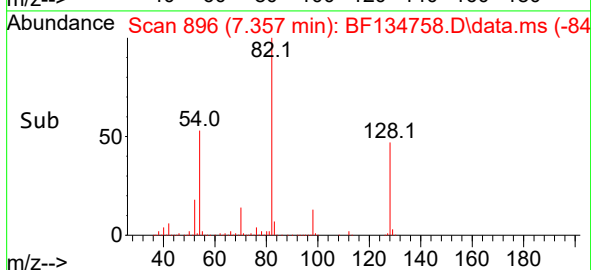
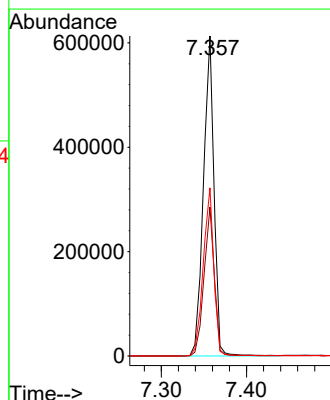
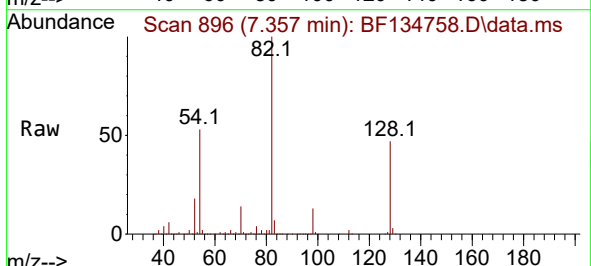
Tgt Ion: 82 Resp: 528797

Ion Ratio Lower Upper

82 100

128 46.6 34.3 51.5

54 52.5 43.8 65.6

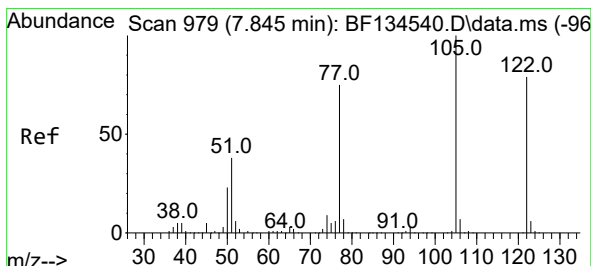
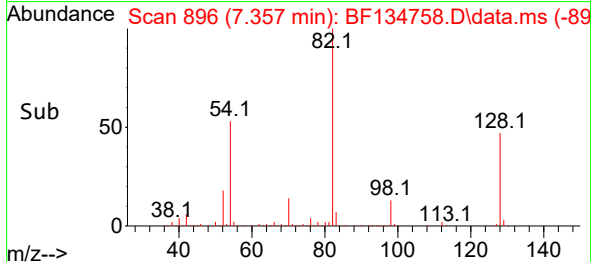
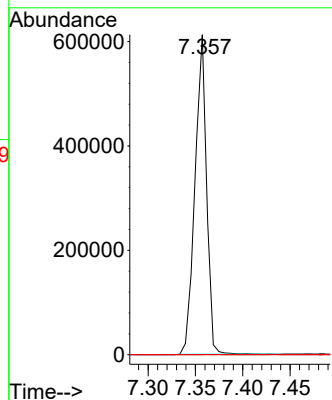
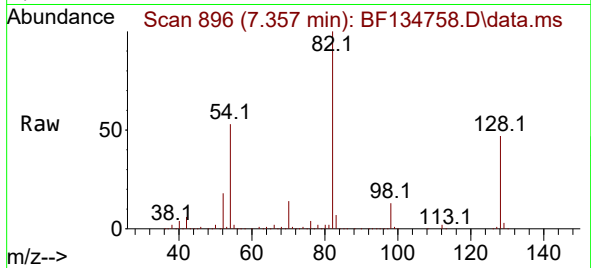




#25
Isophorone
Concen: 26.186 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF134758.D
Acq: 14 Aug 2023 14:26

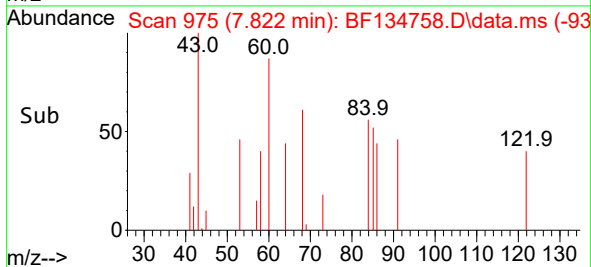
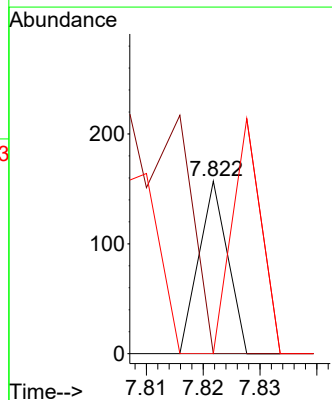
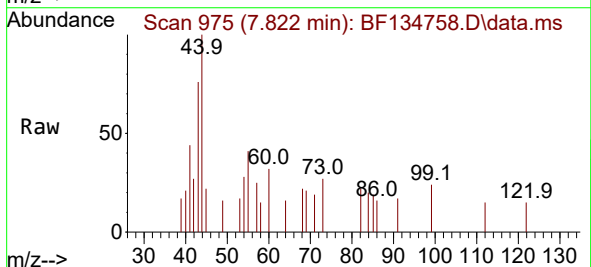
Instrument :
BNA_F
ClientSampleId :
B-PP24B

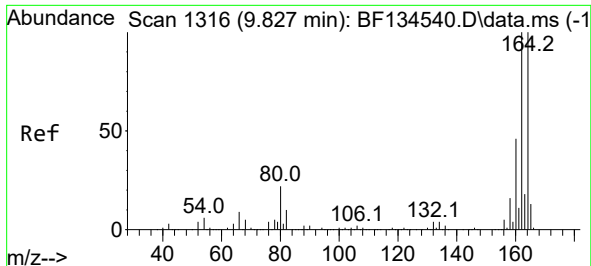
Tgt Ion: 82 Resp: 522183
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.875 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.041 min
Lab File: BF134758.D
Acq: 14 Aug 2023 14:26

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 87.5 127.5#
77 0.0 71.4 111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134758.D

Acq: 14 Aug 2023 14:26

Instrument :

BNA_F

ClientSampleId :

B-PP24B

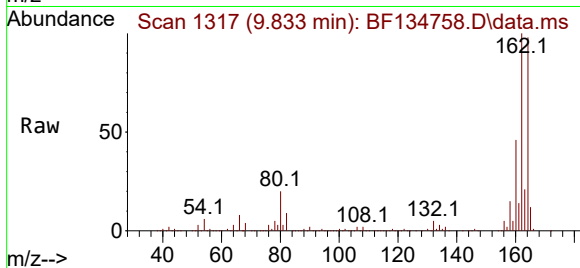
Tgt Ion:164 Resp: 268895

Ion Ratio Lower Upper

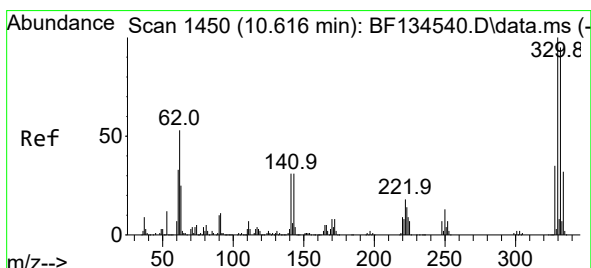
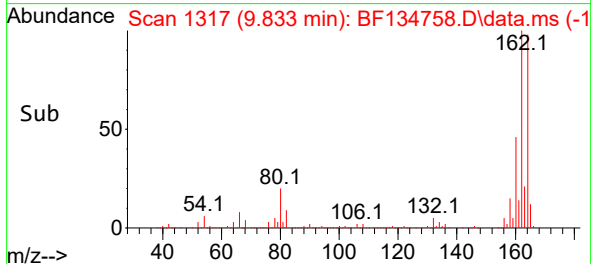
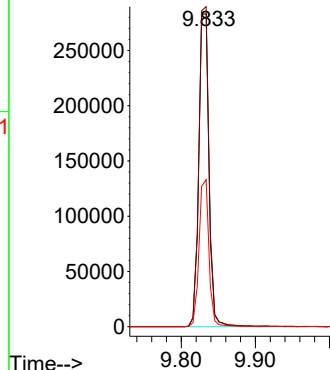
164 100

162 102.3 82.6 123.8

160 47.0 37.2 55.8



Abundance



#42

2,4,6-Tribromophenol

Concen: 82.307 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134758.D

Acq: 14 Aug 2023 14:26

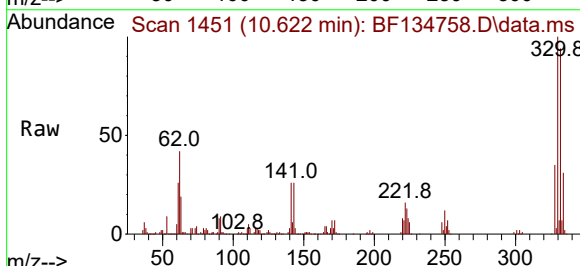
Tgt Ion:330 Resp: 225613

Ion Ratio Lower Upper

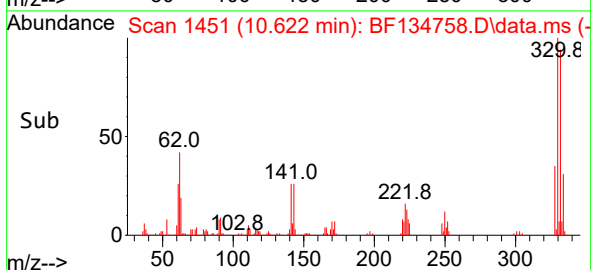
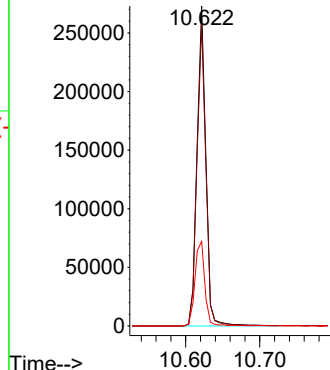
330 100

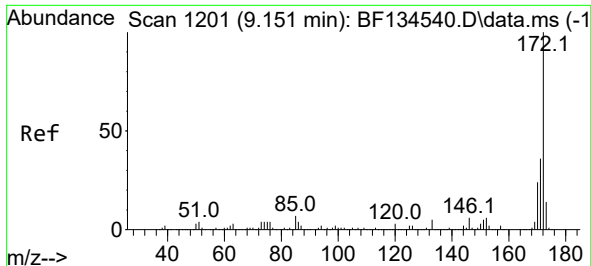
332 95.2 78.8 118.2

141 29.7 25.4 38.2



Abundance





#45

2-Fluorobiphenyl

Concen: 57.312 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134758.D

Acq: 14 Aug 2023 14:26

Instrument :

BNA_F

ClientSampleId :

B-PP24B

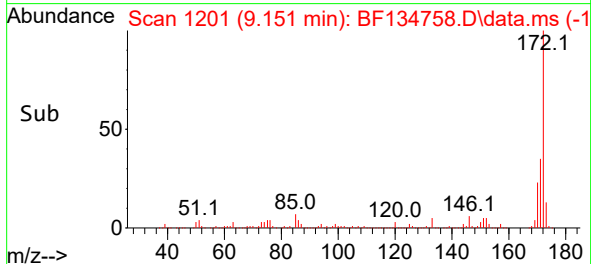
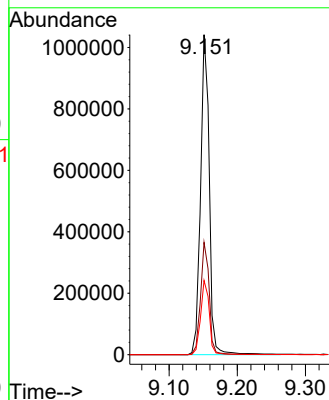
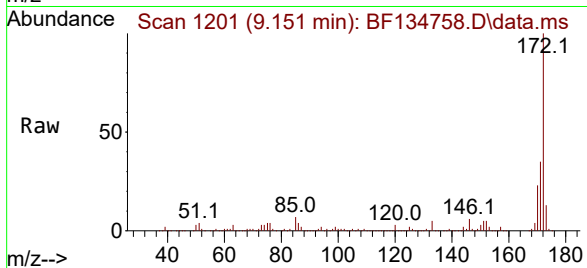
Tgt Ion:172 Resp: 926859

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.2 18.7 28.1



#48

2-Nitroaniline

Concen: 4.330 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.106 min

Lab File: BF134758.D

Acq: 14 Aug 2023 14:26

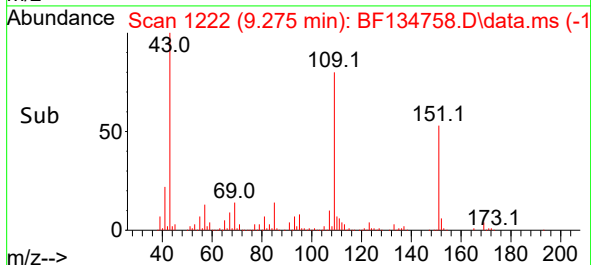
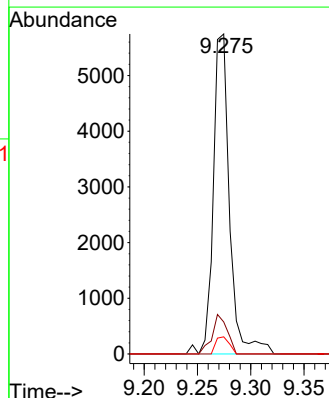
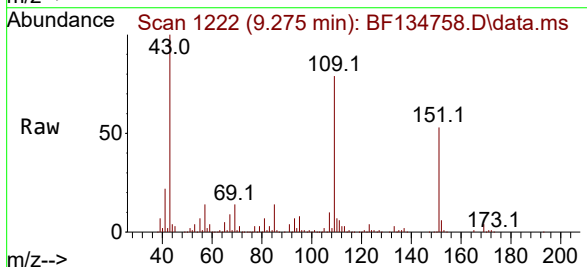
Tgt Ion: 65 Resp: 6087

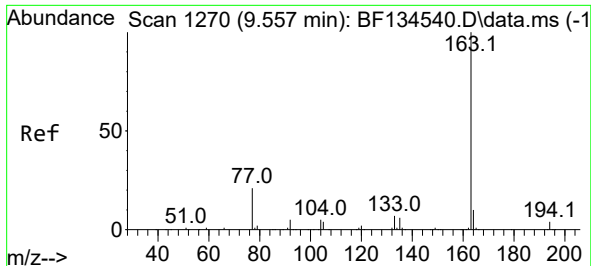
Ion Ratio Lower Upper

65 100

92 10.0 50.7 76.1#

138 5.3 78.2 117.4#

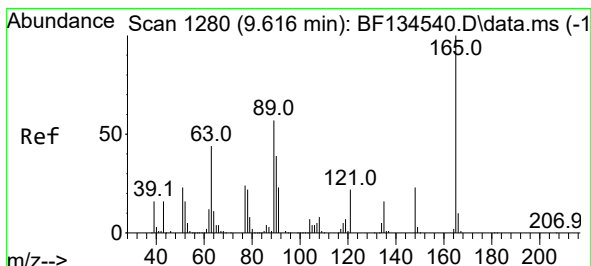
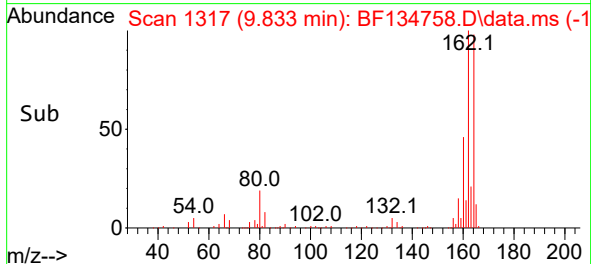
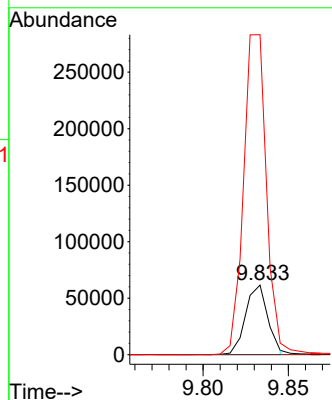
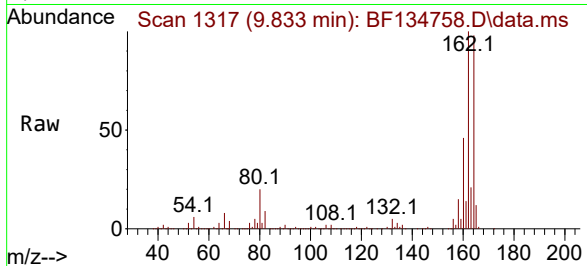




#50
Dimethylphthalate
Concen: 3.065 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134758.D
Acq: 14 Aug 2023 14:26

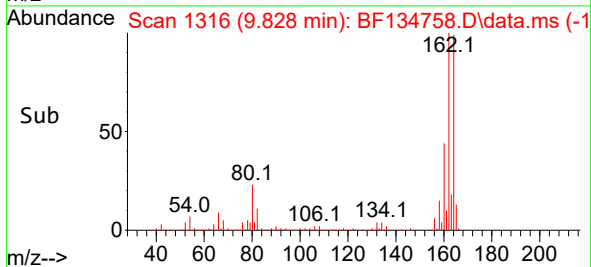
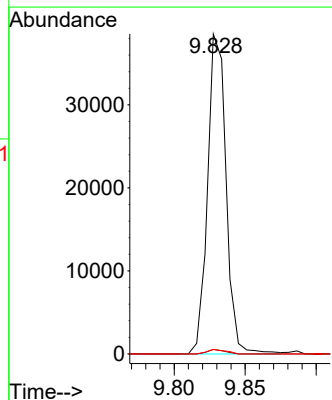
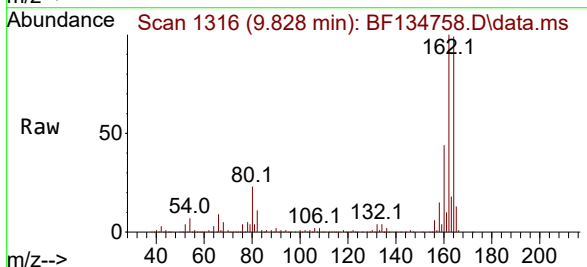
Instrument :
BNA_F
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B-PP24B

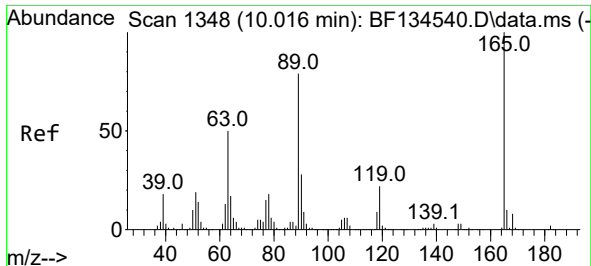
Tgt Ion:163 Resp: 56178
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 459.4 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.334 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF134758.D
Acq: 14 Aug 2023 14:26

Tgt Ion:165 Resp: 35010
Ion Ratio Lower Upper
165 100
63 1.4 57.8 86.6#
89 1.4 51.8 77.8#

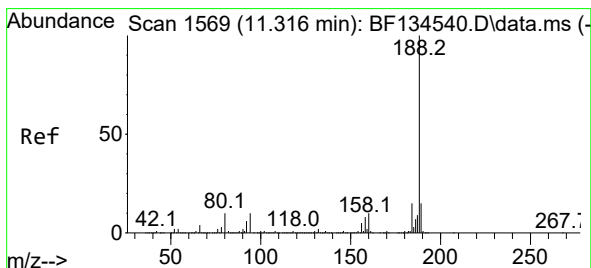
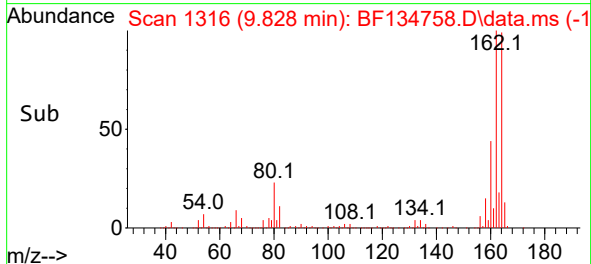
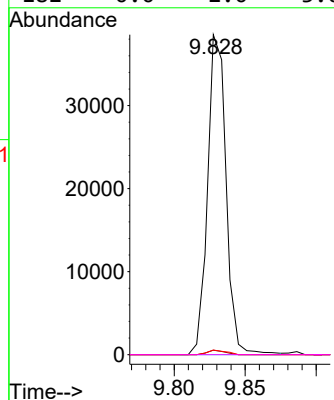
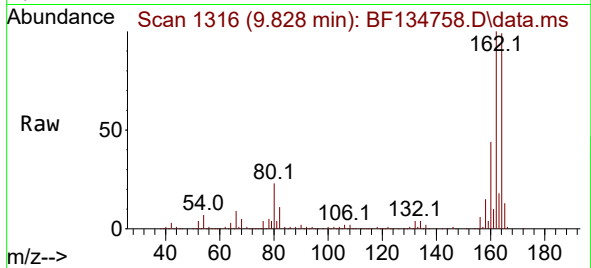




#57
2,4-Dinitrotoluene
Concen: 10.111 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF134758.D
Acq: 14 Aug 2023 14:26

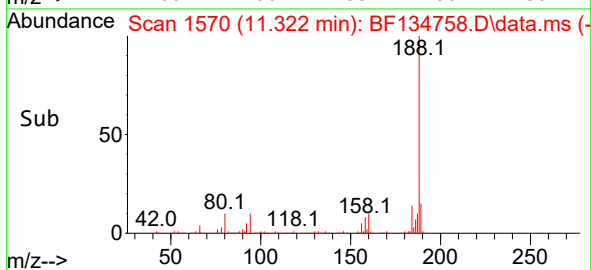
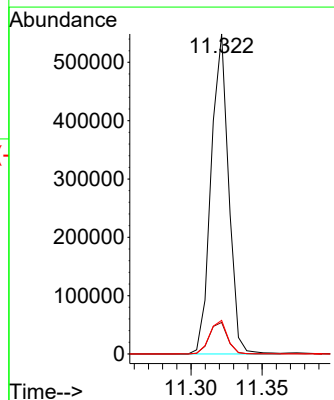
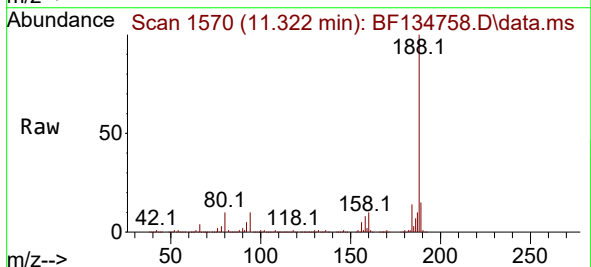
Instrument :
BNA_F
ClientSampleId :
B-PP24B

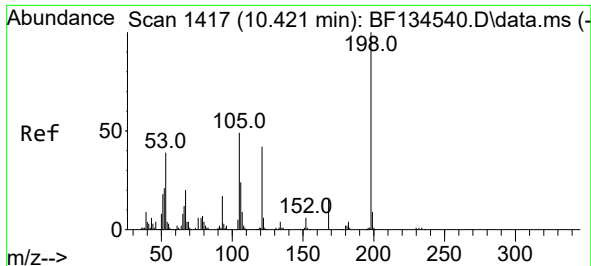
Tgt Ion:165	Resp:	35010
Ion Ratio	Lower	Upper
165	100	
63	1.4	48.9 73.3#
89	1.4	61.7 92.5#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF134758.D
Acq: 14 Aug 2023 14:26

Tgt Ion:188	Resp:	469133
Ion Ratio	Lower	Upper
188	100	
94	9.8	5.1 7.7#
80	10.5	6.6 9.8#

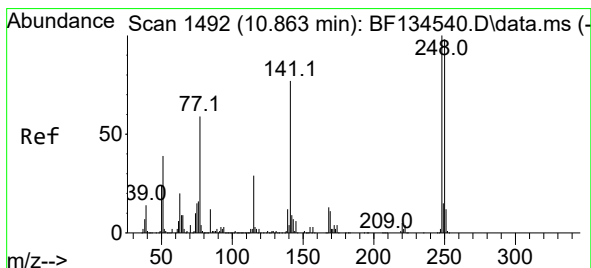
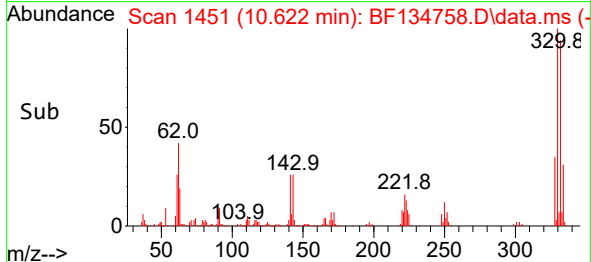
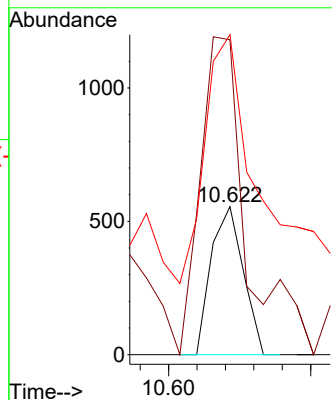
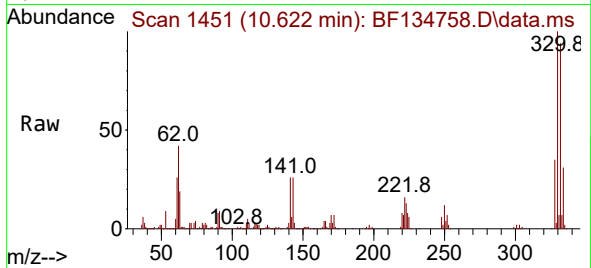




#65
4,6-Dinitro-2-methylphenol
Concen: 8.886 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.182 min
Lab File: BF134758.D
Acq: 14 Aug 2023 14:26

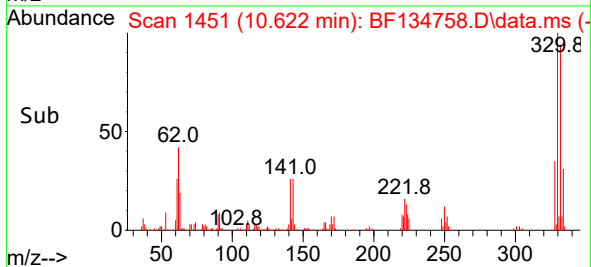
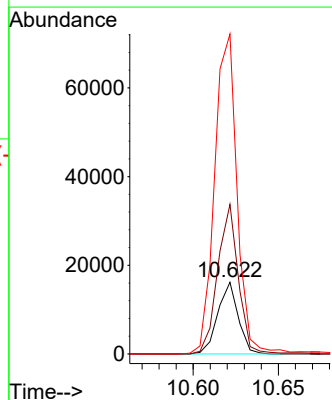
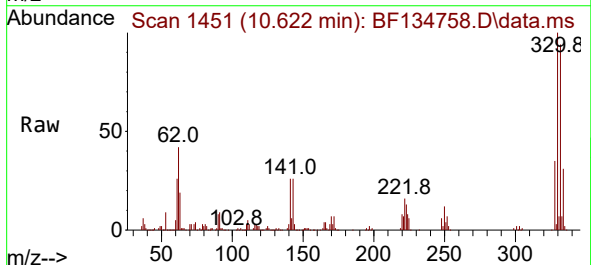
Instrument :
BNA_F
ClientSampleId :
B-PP24B

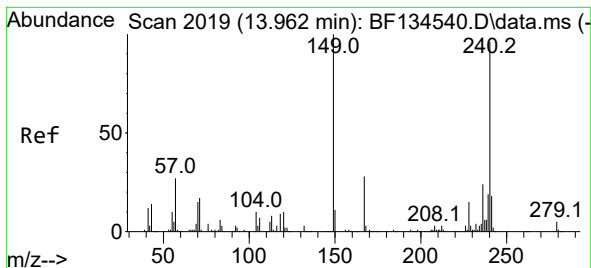
Tgt Ion:198 Resp: 434
Ion Ratio Lower Upper
198 100
51 212.8 38.6 78.6#
105 216.2 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.633 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF134758.D
Acq: 14 Aug 2023 14:26

Tgt Ion:248 Resp: 13521
Ion Ratio Lower Upper
248 100
250 208.6 79.6 119.4#
141 446.3 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134758.D

Acq: 14 Aug 2023 14:26

Instrument :

BNA_F

ClientSampleId :

B-PP24B

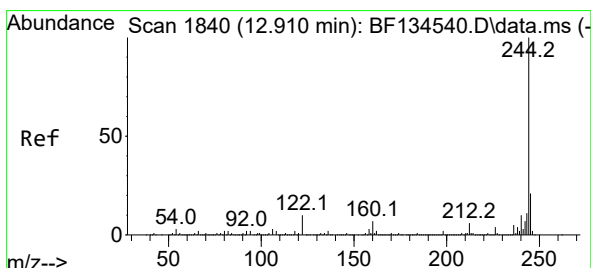
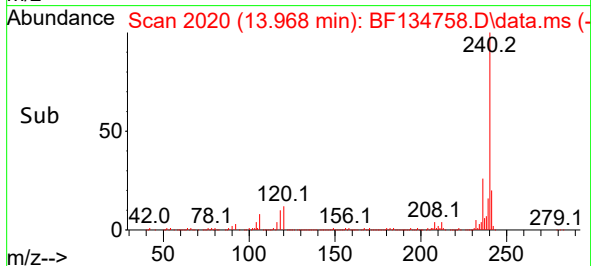
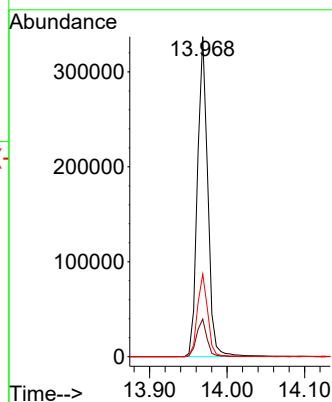
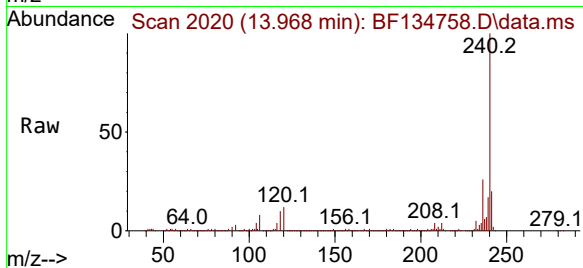
Tgt Ion:240 Resp: 312537

Ion Ratio Lower Upper

240 100

120 11.8 6.6 10.0#

236 25.8 20.2 30.2



#79

Terphenyl-d14

Concen: 53.046 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134758.D

Acq: 14 Aug 2023 14:26

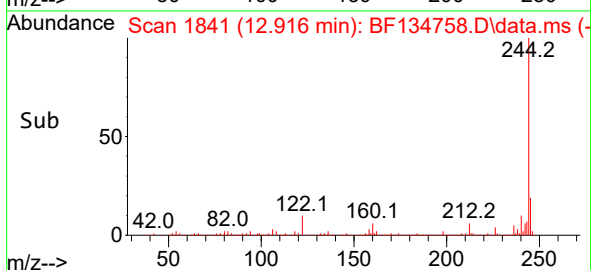
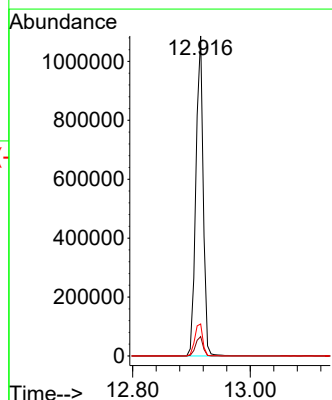
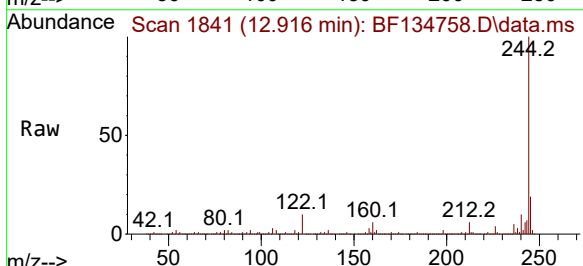
Tgt Ion:244 Resp: 940446

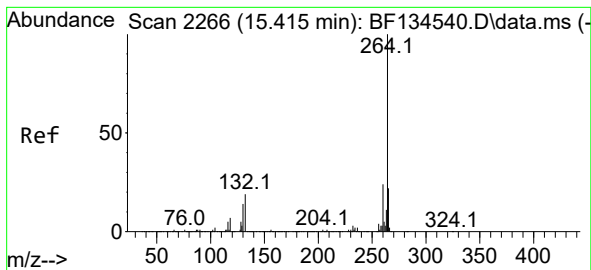
Ion Ratio Lower Upper

244 100

212 6.1 5.6 8.4

122 10.0 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: BF134758.D
 Acq: 14 Aug 2023 14:26

Instrument :
 BNA_F
 ClientSampleId :
 B-PP24B

Tgt Ion:264 Resp: 291450
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 22.1 15.8 23.8

