

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
 Data File : BF134762.D
 Acq On : 14 Aug 2023 16:36
 Operator : CG\JU
 Sample : 03989-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP16

Quant Time: Aug 15 00:32:20 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)

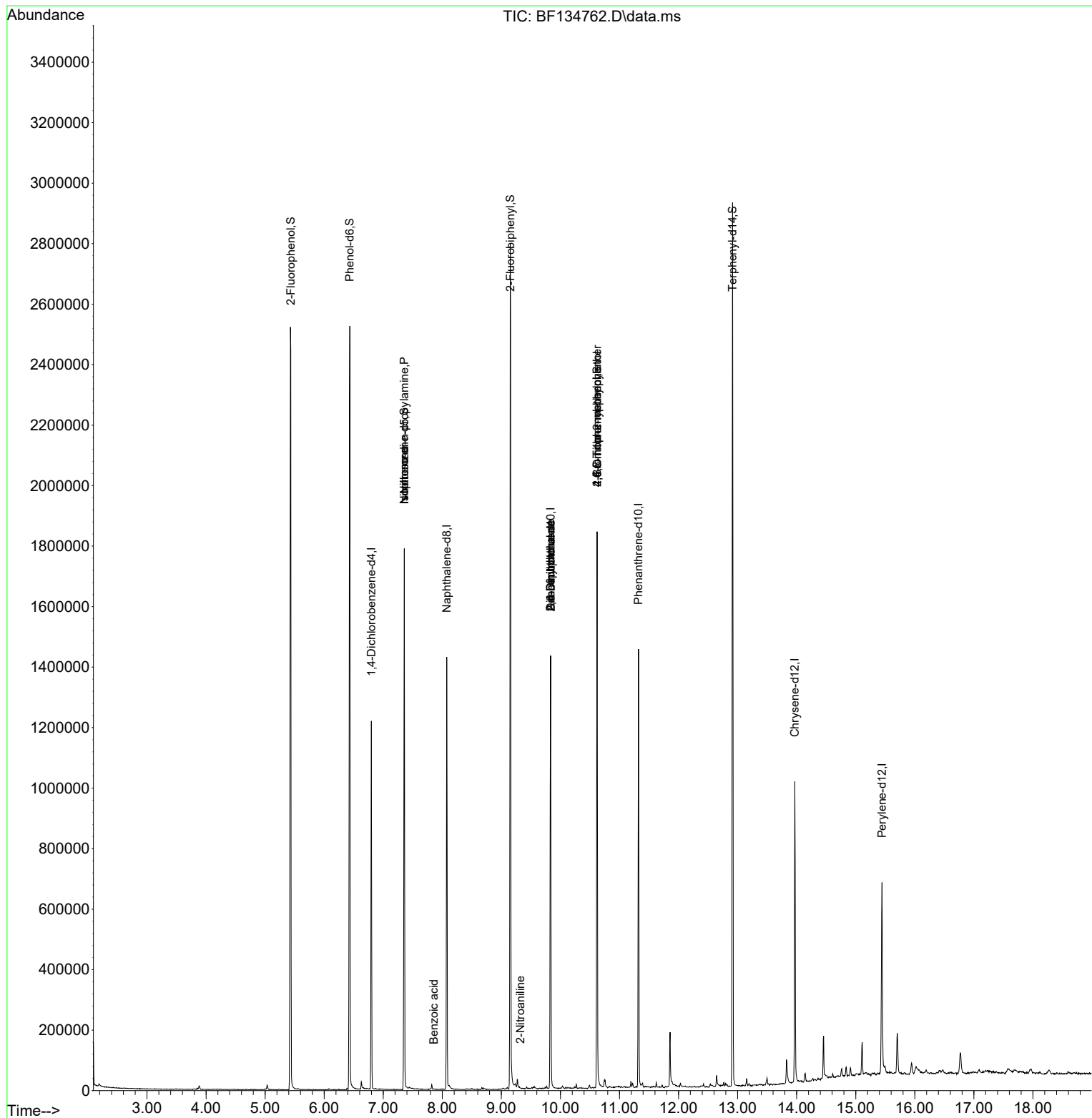
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	159961	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	597169	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	281528	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	488260	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	324948	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	303431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	728650	69.243	ng	0.00
7) Phenol-d6	6.434	99	873791	64.958	ng	0.00
23) Nitrobenzene-d5	7.357	82	519477	54.362	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	221053	77.024	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	931218	54.997	ng	-0.01
79) Terphenyl-d14	12.915	244	972146	52.740	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.386	77	74	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	68407	8.494	ng	# 71
25) Isophorone	7.357	82	513369	24.631	ng	# 65
32) Benzoic acid	7.857	122	87	7.879	ng	# 75
48) 2-Nitroaniline	9.322	65	70	3.179	ng	# 8
50) Dimethylphthalate	9.833	163	57240	2.983	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	36085	11.197	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	36085	9.999	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.621	198	475	8.896	ng	# 1
67) 4-Bromophenyl-phenylether	10.621	248	13884	2.598	ng	# 1

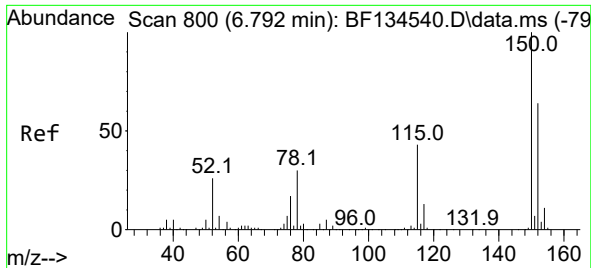
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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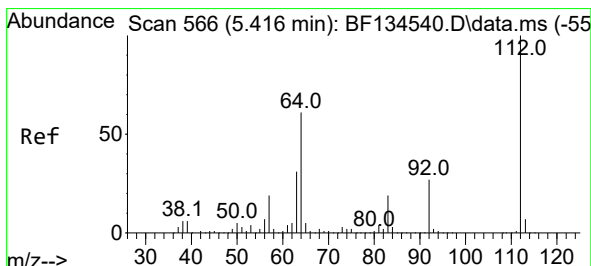
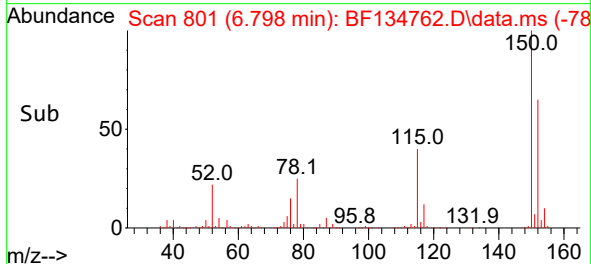
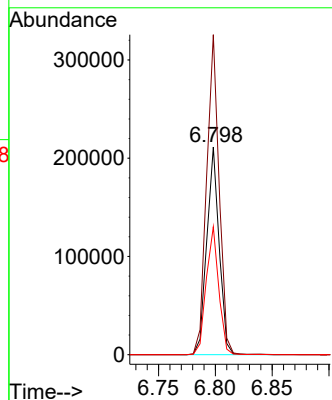
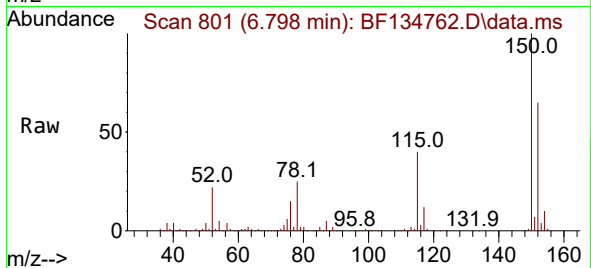




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

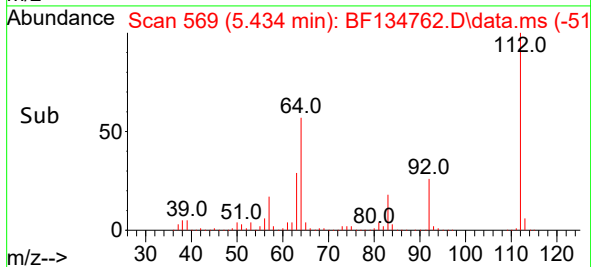
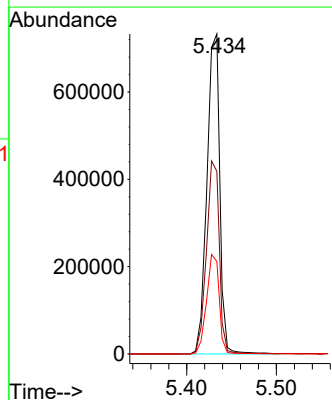
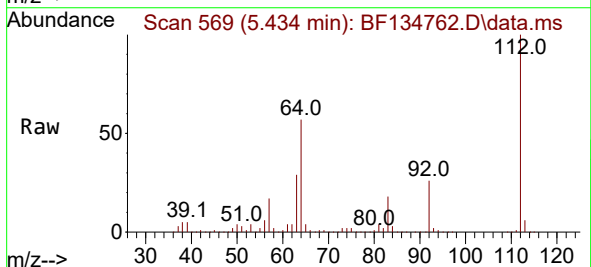
Instrument :
BNA_F
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B-PP16

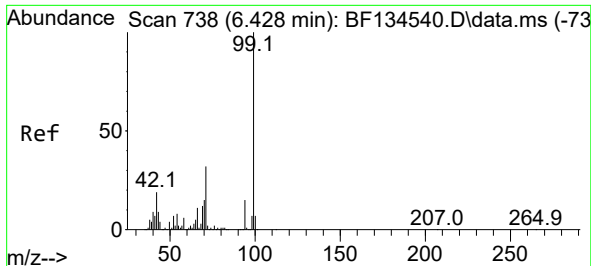
Tgt Ion:152 Resp: 159961
Ion Ratio Lower Upper
152 100
150 154.1 128.3 192.5
115 61.6 52.4 78.6



#5
2-Fluorophenol
Concen: 69.243 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

Tgt Ion:112 Resp: 728650
Ion Ratio Lower Upper
112 100
64 57.1 44.9 67.3
63 28.9 25.4 38.0

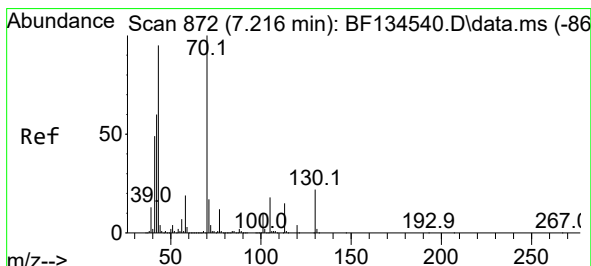
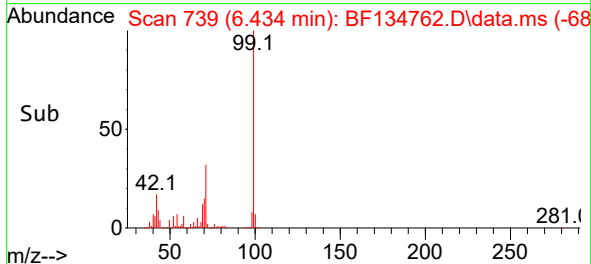
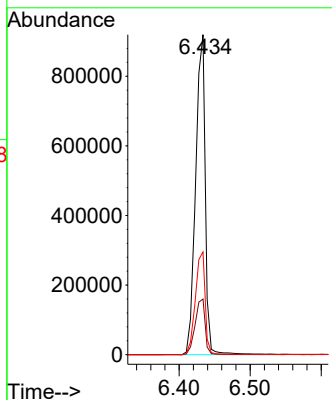
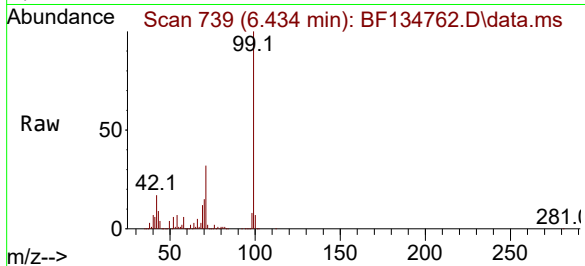




#7
Phenol-d6
Concen: 64.958 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

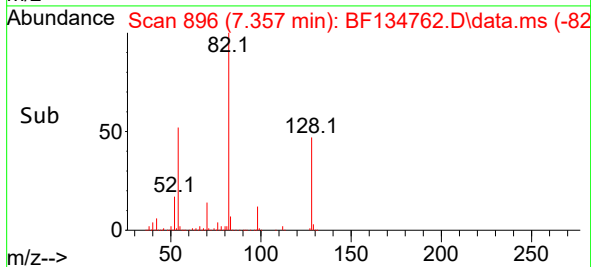
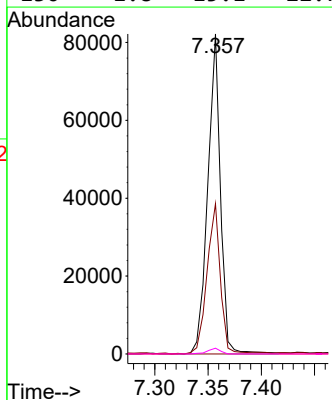
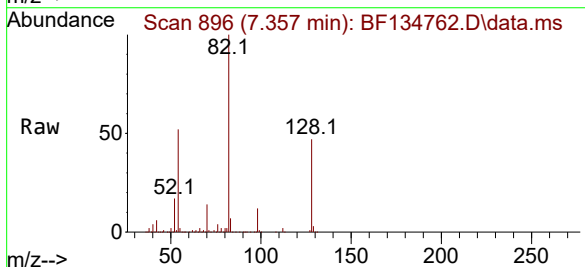
Instrument :
BNA_F
ClientSampleId :
B-PP16

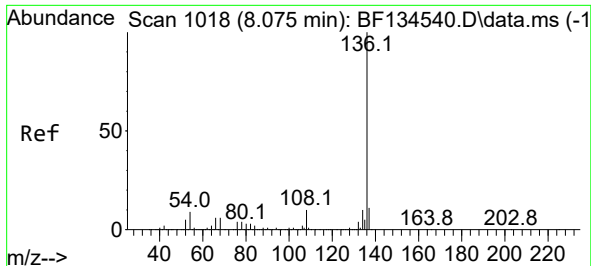
Tgt Ion: 99 Resp: 873791
Ion Ratio Lower Upper
99 100
42 17.4 18.7 28.1#
71 32.1 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 8.494 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

Tgt Ion: 70 Resp: 68407
Ion Ratio Lower Upper
70 100
42 47.0 54.7 82.1#
101 0.0 8.2 12.2#
130 1.8 15.1 22.7#

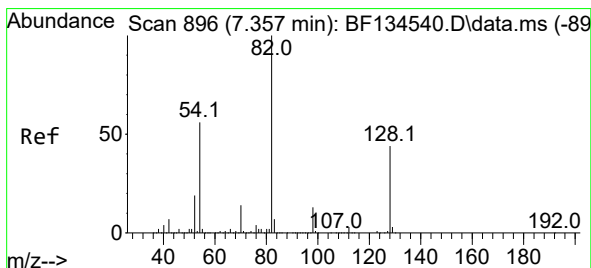
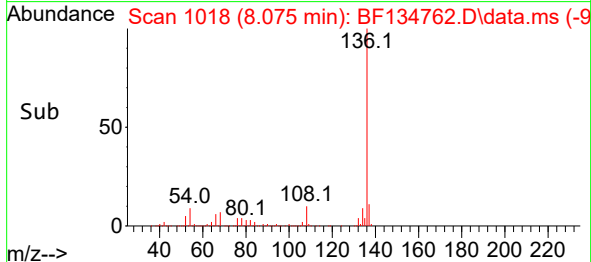
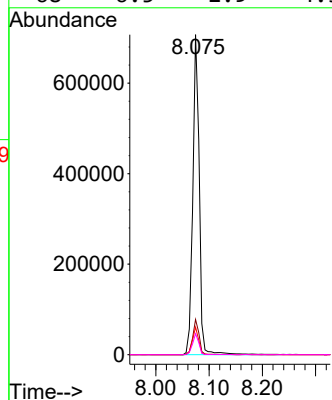
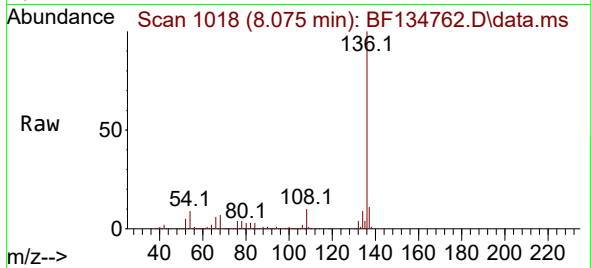




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

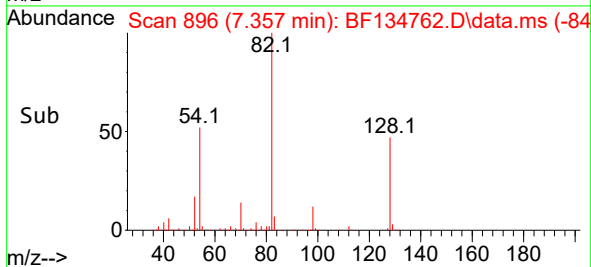
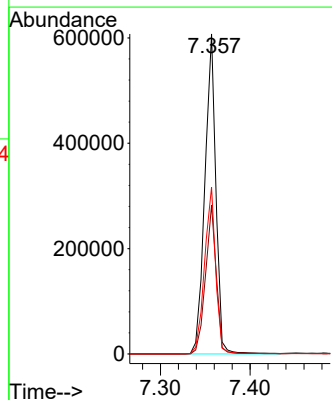
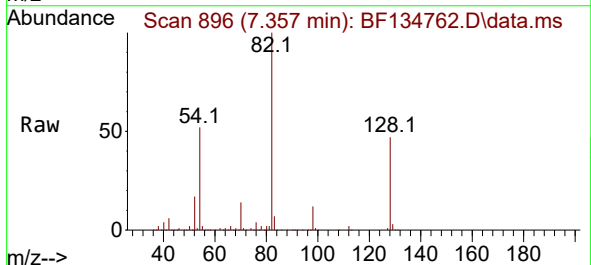
Instrument :
BNA_F
ClientSampleId :
B-PP16

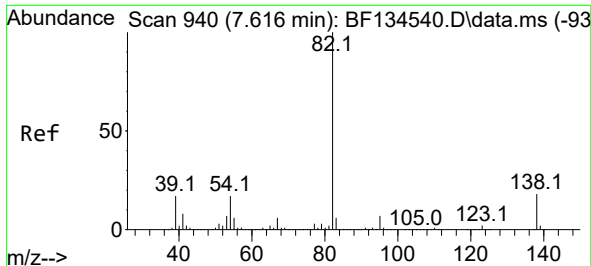
Tgt Ion:136 Resp: 597169
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.6 5.2 7.8#
68 6.5 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 54.362 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

Tgt Ion: 82 Resp: 519477
Ion Ratio Lower Upper
82 100
128 46.6 34.3 51.5
54 52.2 43.8 65.6

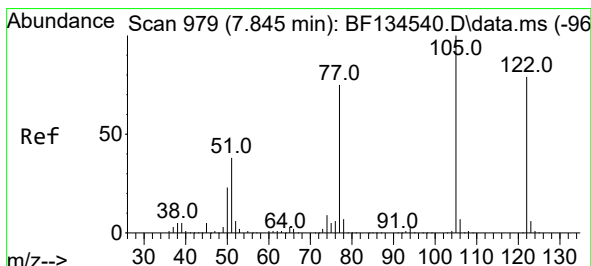
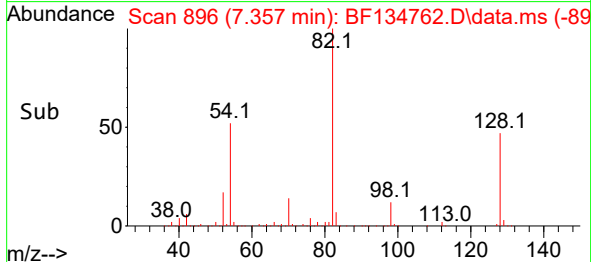
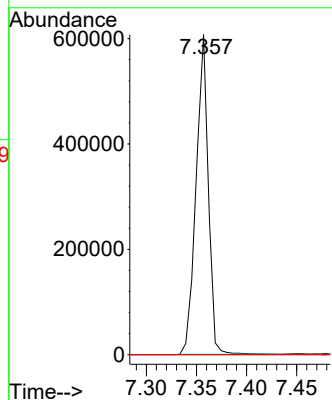
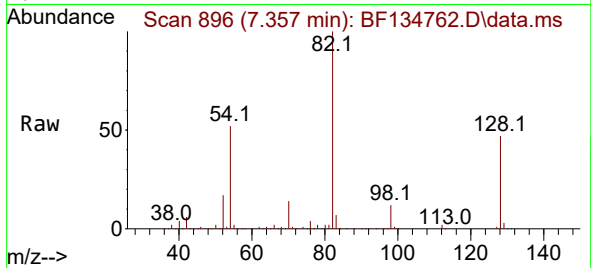




#25
Isophorone
Concen: 24.631 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

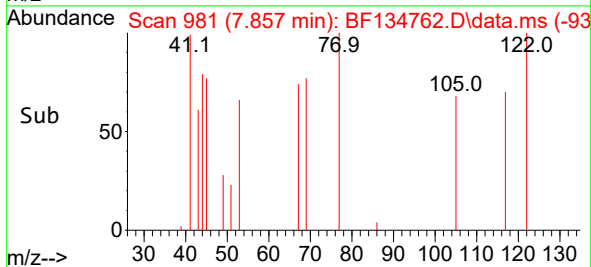
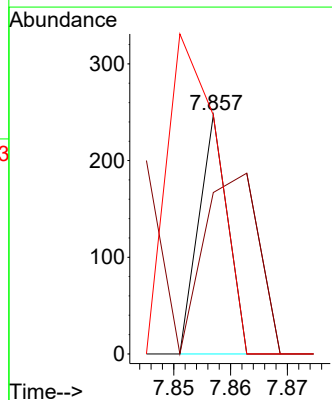
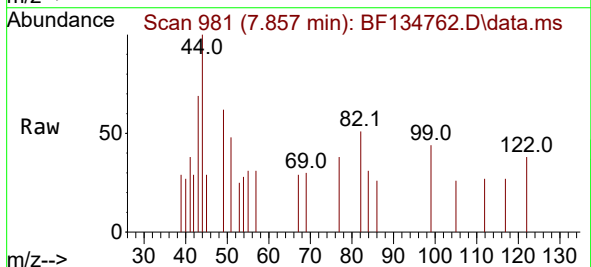
Instrument :
BNA_F
ClientSampleId :
B-PP16

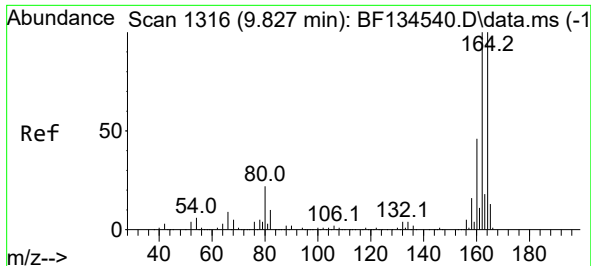
Tgt Ion: 82 Resp: 513369
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.879 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

Tgt Ion: 122 Resp: 87
Ion Ratio Lower Upper
122 100
105 67.6 87.5 127.5#
77 100.0 71.4 111.4

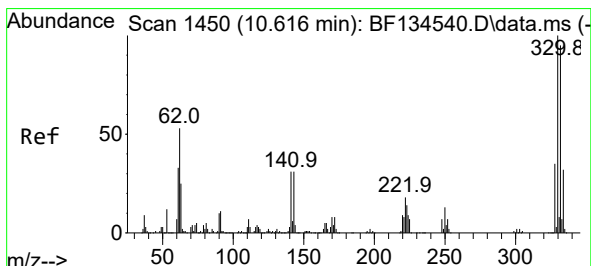
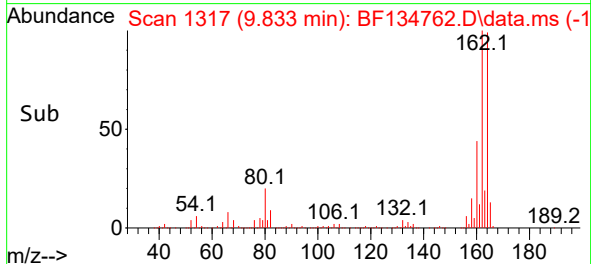
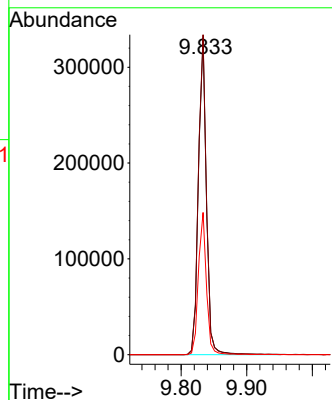
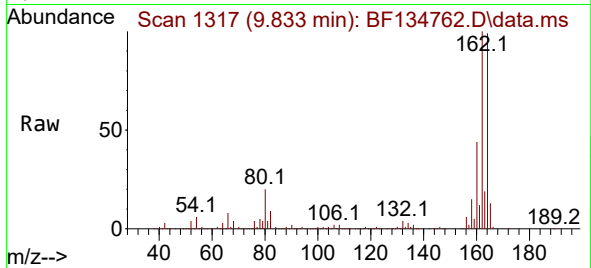




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

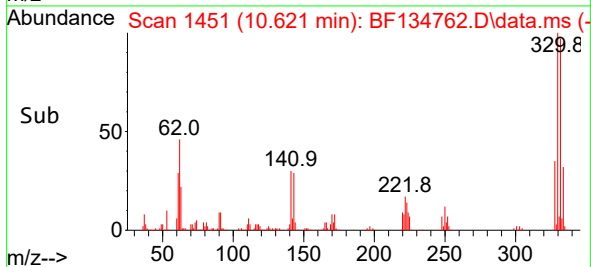
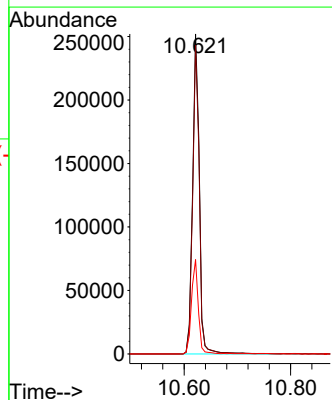
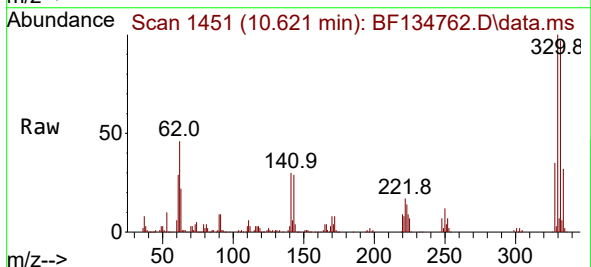
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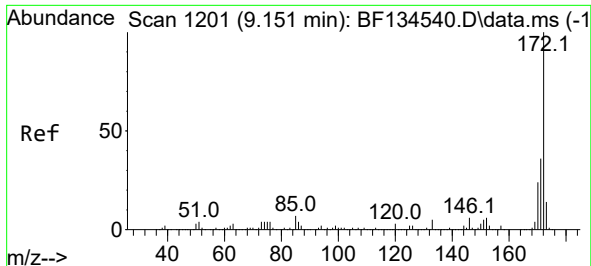
Tgt Ion:164 Resp: 281528
Ion Ratio Lower Upper
164 100
162 101.1 82.6 123.8
160 44.9 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 77.024 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

Tgt Ion:330 Resp: 221053
Ion Ratio Lower Upper
330 100
332 95.5 78.8 118.2
141 29.7 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 54.997 ng

RT: 9.151 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134762.D

Acq: 14 Aug 2023 16:36

Instrument :

BNA_F

ClientSampleId :

B-PP16

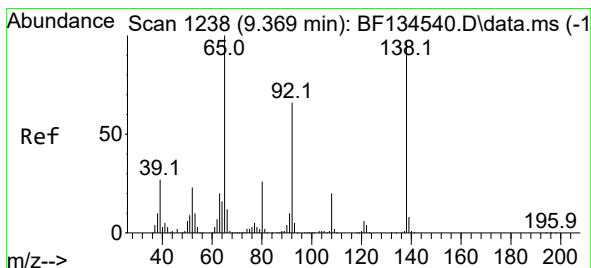
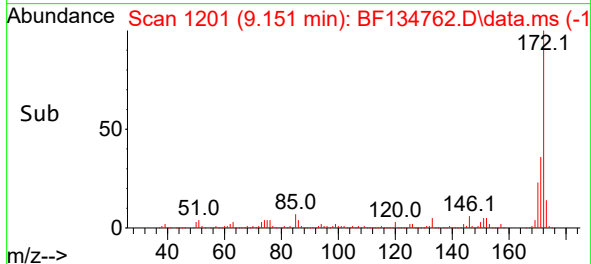
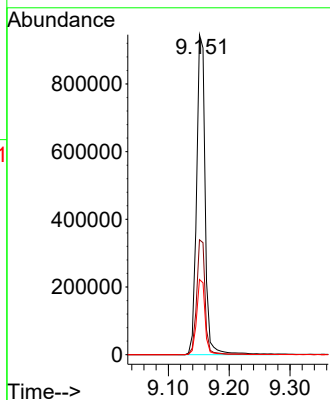
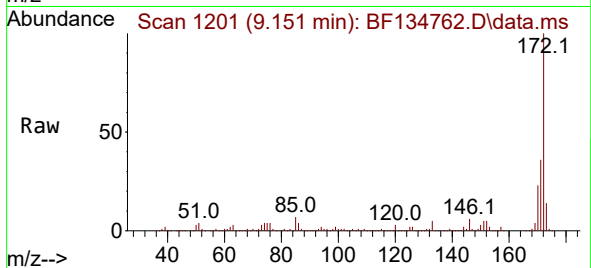
Tgt Ion:172 Resp: 931218

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.5 18.7 28.1



#48

2-Nitroaniline

Concen: 3.179 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.059 min

Lab File: BF134762.D

Acq: 14 Aug 2023 16:36

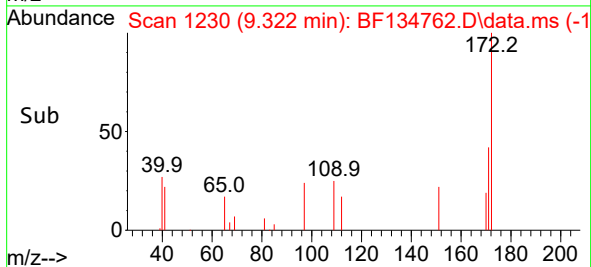
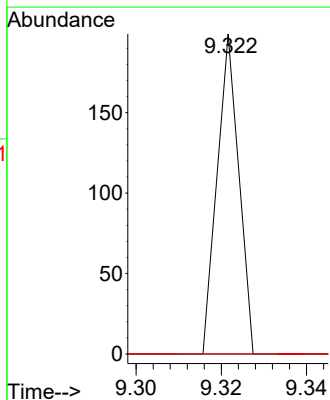
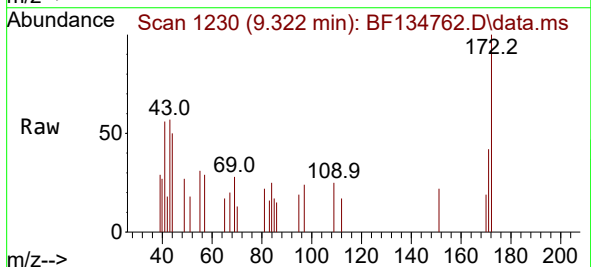
Tgt Ion: 65 Resp: 70

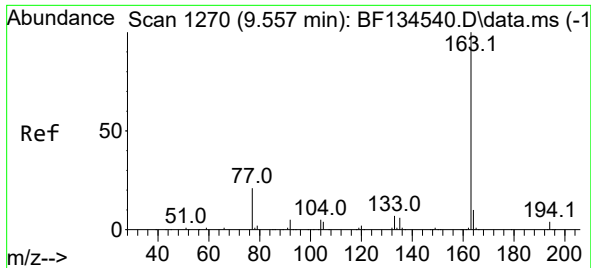
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

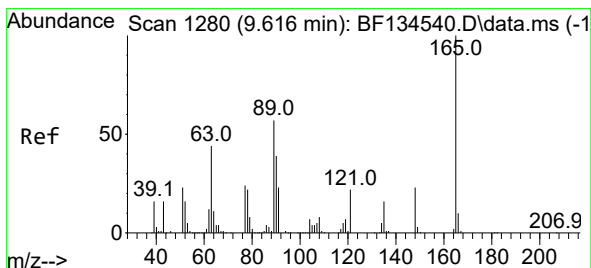
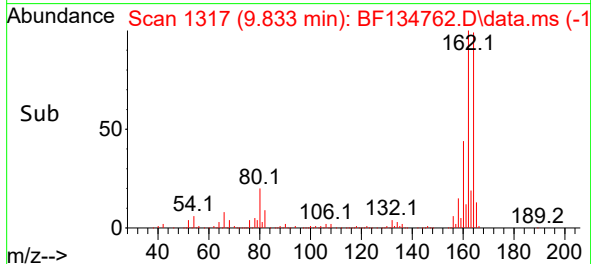
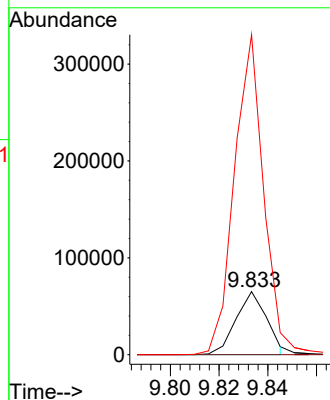
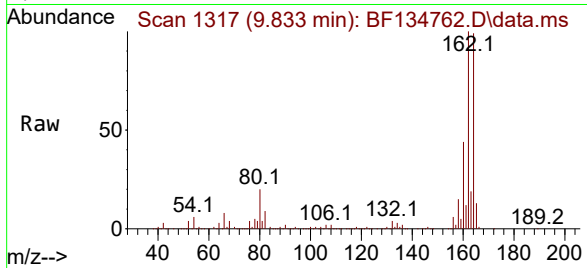




#50
Dimethylphthalate
Concen: 2.983 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

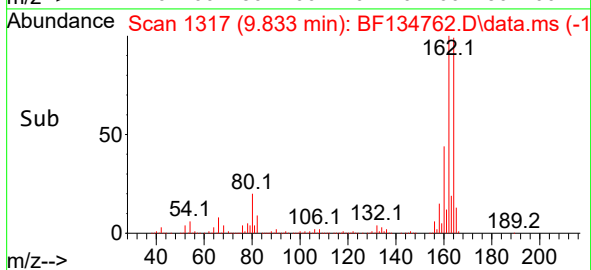
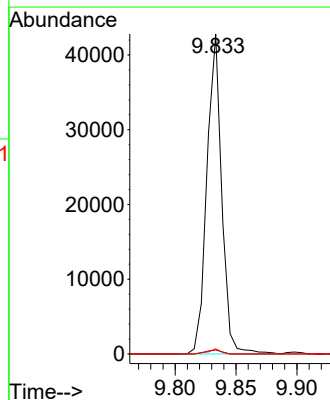
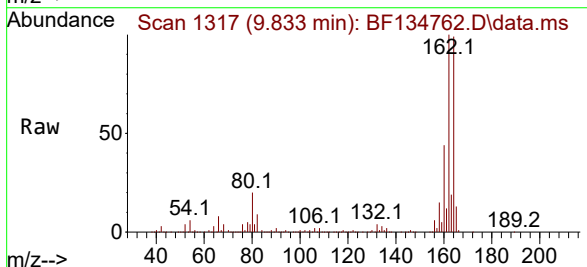
Instrument :
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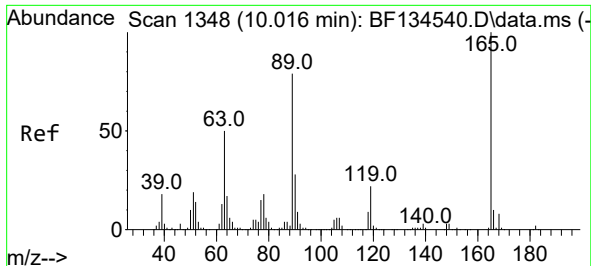
Tgt Ion:163 Resp: 57240
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 507.8 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.197 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

Tgt Ion:165 Resp: 36085
Ion Ratio Lower Upper
165 100
63 1.3 57.8 86.6#
89 1.6 51.8 77.8#

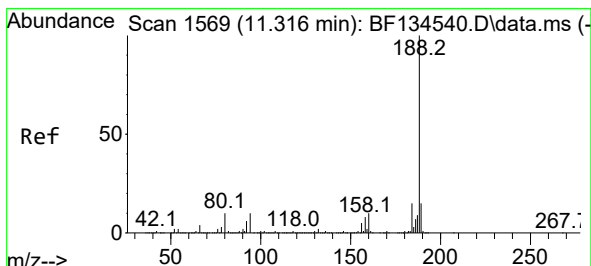
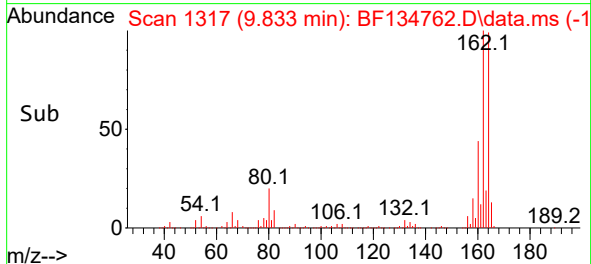
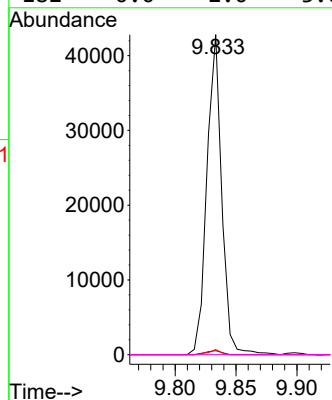
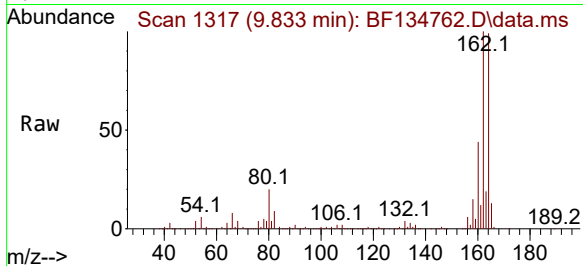




#57
2,4-Dinitrotoluene
Concen: 9.999 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

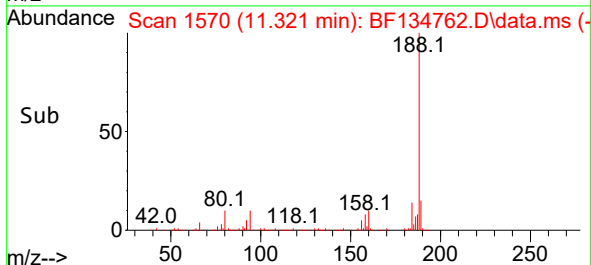
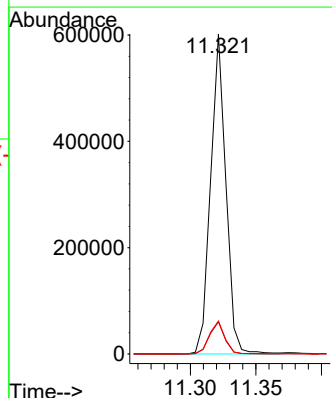
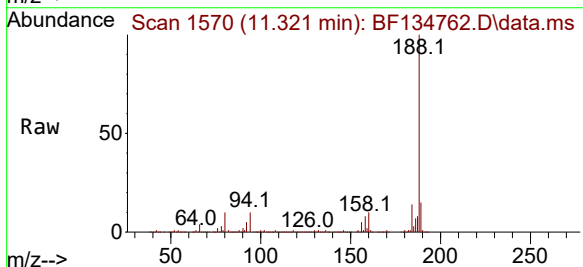
Instrument :
BNA_F
ClientSampleId :
B-PP16

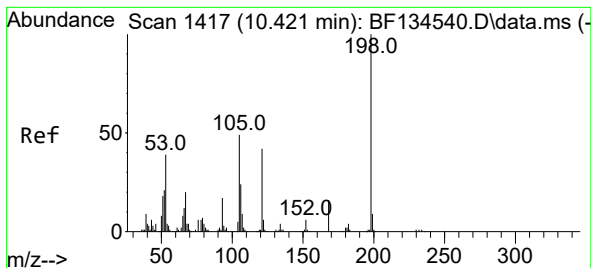
Tgt Ion:165 Resp: 36085
Ion Ratio Lower Upper
165 100
63 1.3 48.9 73.3#
89 1.6 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

Tgt Ion:188 Resp: 488260
Ion Ratio Lower Upper
188 100
94 10.1 5.1 7.7#
80 10.3 6.6 9.8#

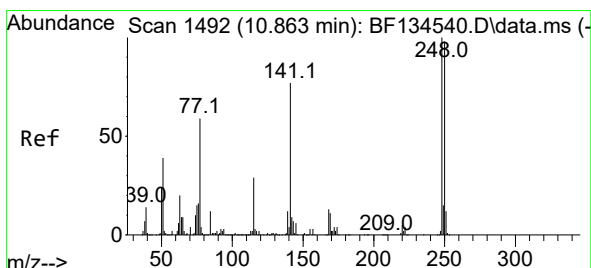
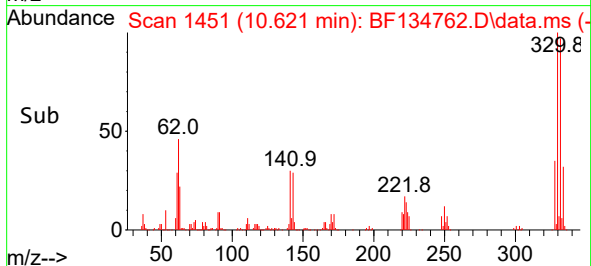
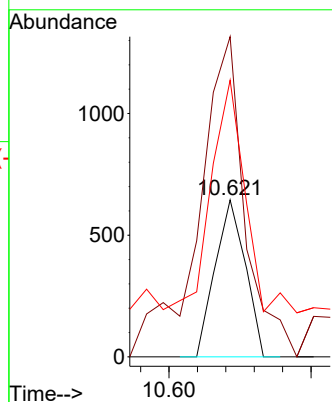
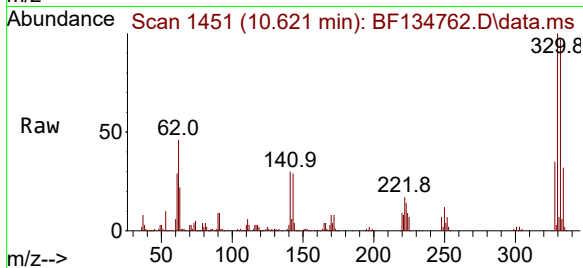




#65
4,6-Dinitro-2-methylphenol
Concen: 8.896 ng
RT: 10.621 min Scan# 1417
Delta R.T. 0.182 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

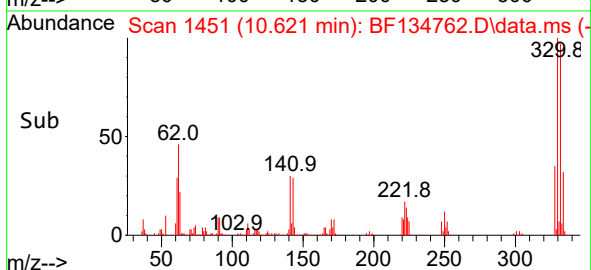
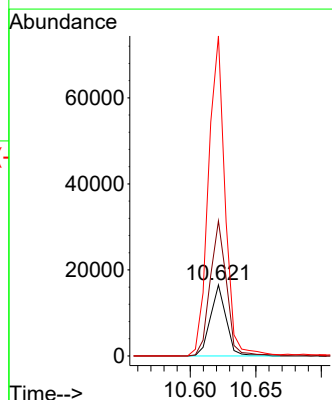
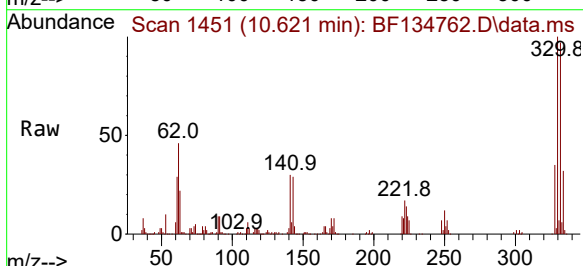
Instrument :
BNA_F
ClientSampleId :
B-PP16

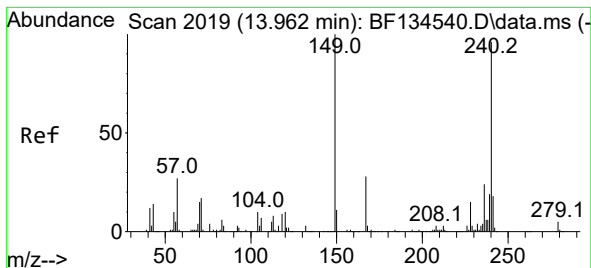
Tgt Ion:198 Resp: 475
Ion Ratio Lower Upper
198 100
51 204.0 38.6 78.6#
105 176.3 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.598 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

Tgt Ion:248 Resp: 13884
Ion Ratio Lower Upper
248 100
250 190.1 79.6 119.4#
141 450.3 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: BF134762.D

Acq: 14 Aug 2023 16:36

Instrument :

BNA_F

ClientSampleId :

B-PP16

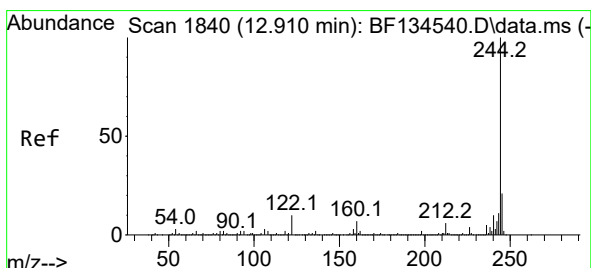
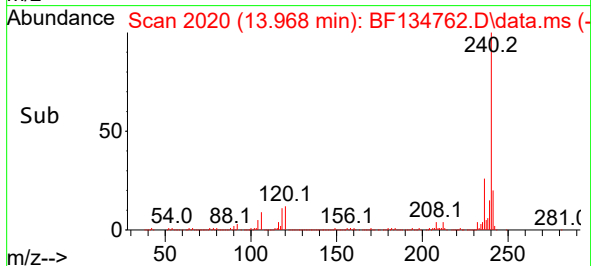
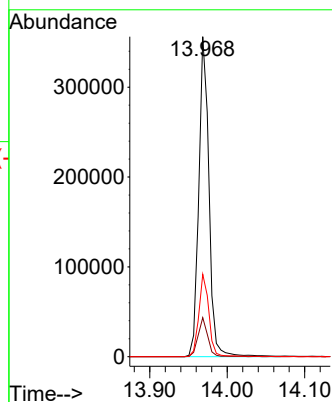
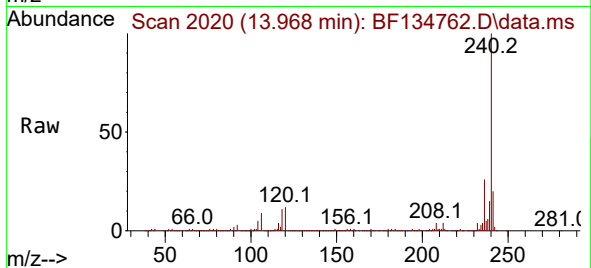
Tgt Ion:240 Resp: 324948

Ion Ratio Lower Upper

240 100

120 12.2 6.6 10.0#

236 25.7 20.2 30.2



#79

Terphenyl-d14

Concen: 52.740 ng

RT: 12.915 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134762.D

Acq: 14 Aug 2023 16:36

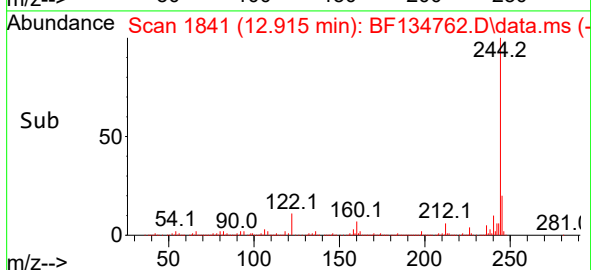
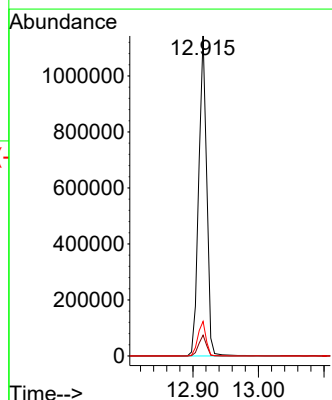
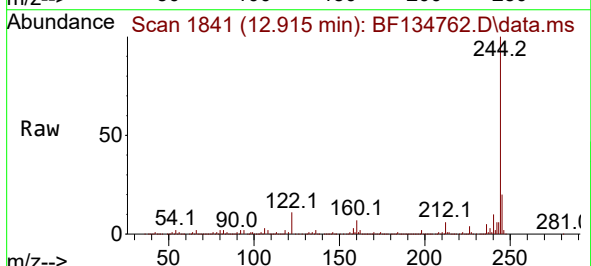
Tgt Ion:244 Resp: 972146

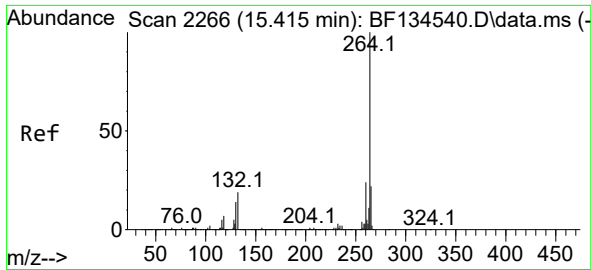
Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 10.8 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134762.D
Acq: 14 Aug 2023 16:36

Instrument :
BNA_F
ClientSampleId :
B-PP16

Tgt Ion:264 Resp: 303431
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 21.5 15.8 23.8

