

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
 Data File : BF134757.D
 Acq On : 14 Aug 2023 13:47
 Operator : CG\JU
 Sample : PB154790BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154790BL

Quant Time: Aug 15 00:30:22 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)

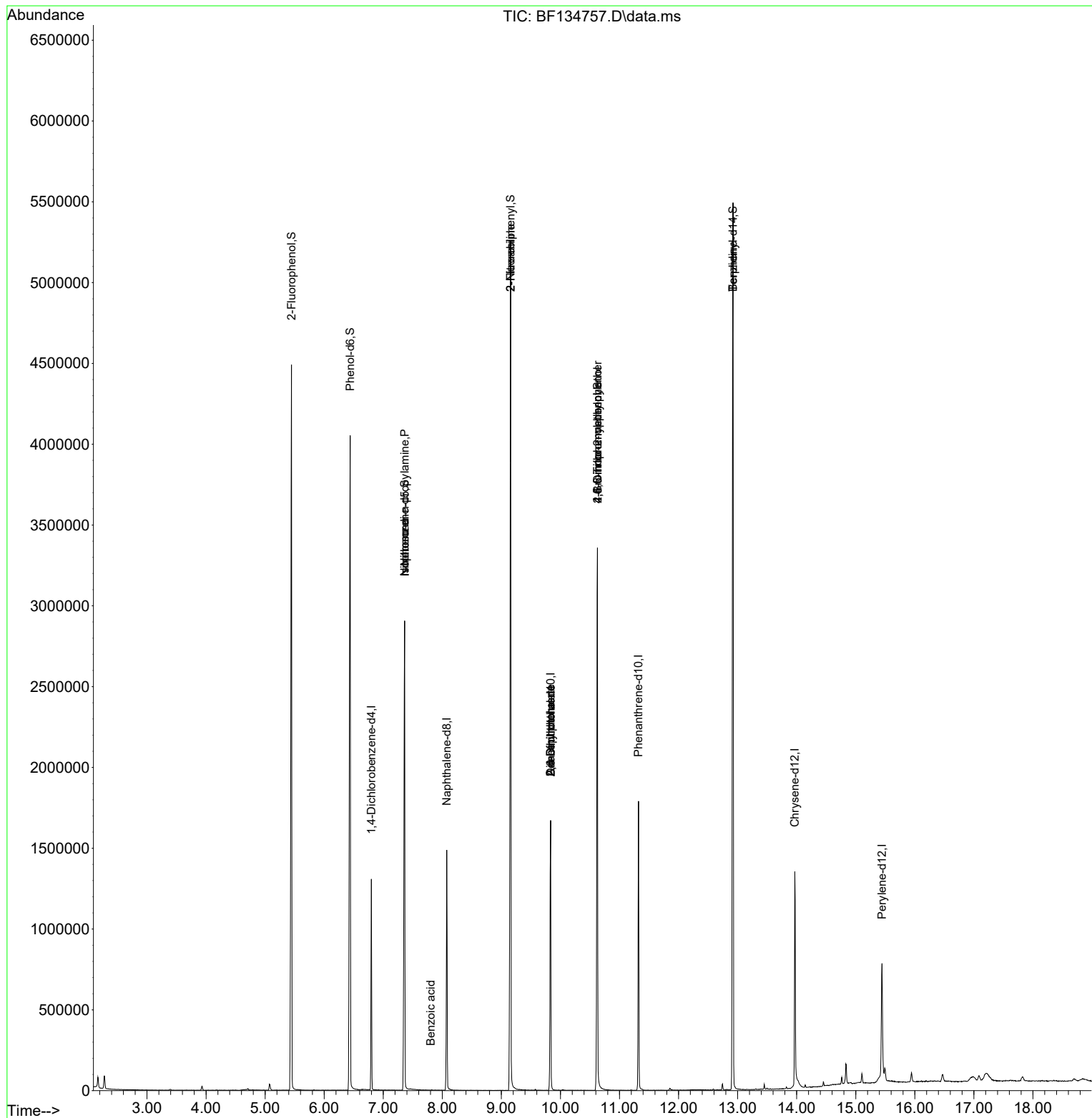
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	174571	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	690122	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	350404	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	651289	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	478193	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	409588	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1382486	120.382	ng	0.02
7) Phenol-d6	6.440	99	1721726	117.281	ng	0.00
23) Nitrobenzene-d5	7.363	82	1086850	98.418	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	510745	142.984	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1912057	90.729	ng	0.00
79) Terphenyl-d14	12.921	244	2220498	81.859	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	2675	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.363	70	148203	16.861	ng	# 73
25) Isophorone	7.363	82	1071401	44.481	ng	# 65
32) Benzoic acid	7.804	122	57	7.874	ng	# 41
48) 2-Nitroaniline	9.157	65	2876	3.588	ng	# 1
50) Dimethylphthalate	9.833	163	73823	3.091	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	44866	11.188	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	44867	9.991	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.627	198	889	8.975	ng	# 1
67) 4-Bromophenyl-phenylether	10.627	248	31539	4.424	ng	# 1
77) Benzidine	12.921	184	26436	2.547	ng	# 92

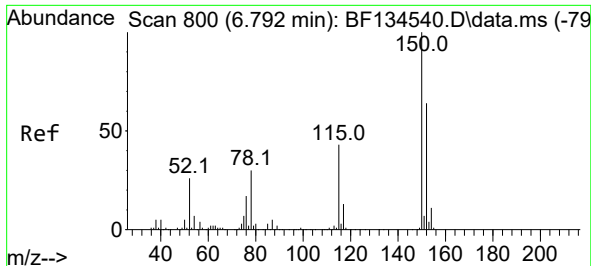
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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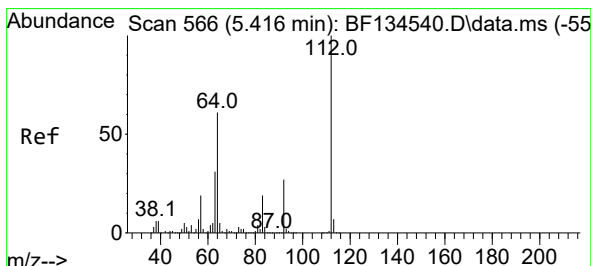
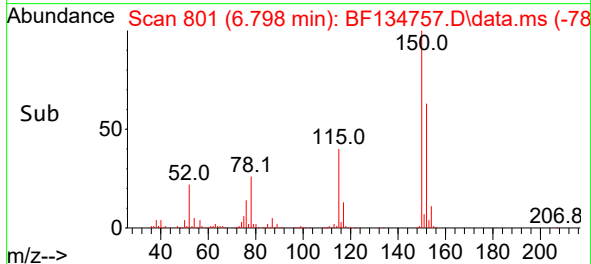
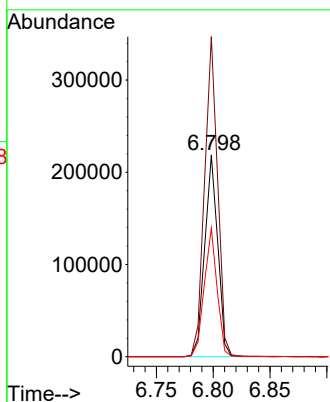
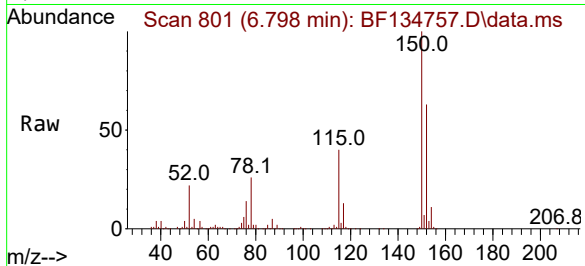




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134757.D
 Acq: 14 Aug 2023 13:47

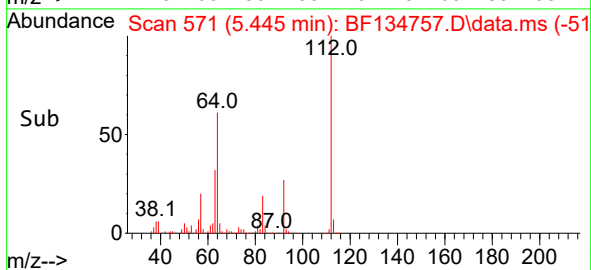
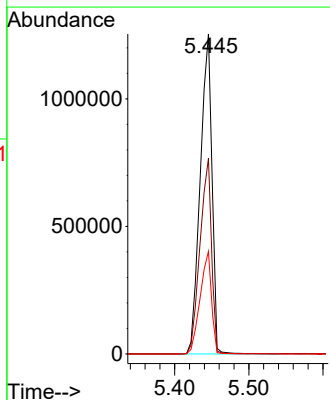
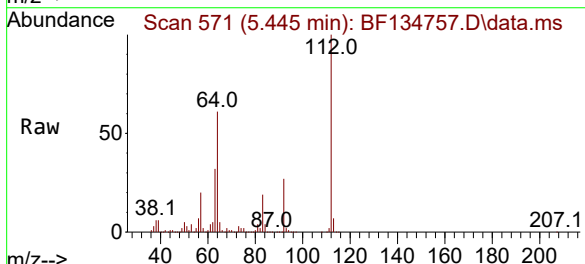
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 PB154790BL

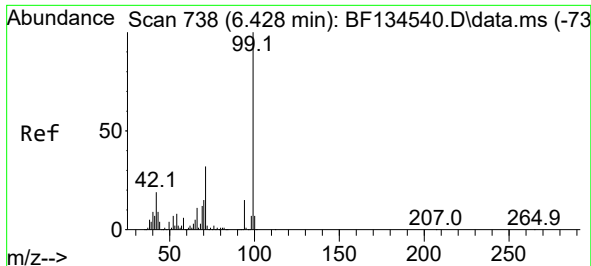
Tgt Ion:152 Resp: 174571
 Ion Ratio Lower Upper
 152 100
 150 158.6 128.3 192.5
 115 63.7 52.4 78.6



#5
 2-Fluorophenol
 Concen: 120.382 ng
 RT: 5.445 min Scan# 571
 Delta R.T. 0.018 min
 Lab File: BF134757.D
 Acq: 14 Aug 2023 13:47

Tgt Ion:112 Resp: 1382486
 Ion Ratio Lower Upper
 112 100
 64 61.1 44.9 67.3
 63 32.1 25.4 38.0

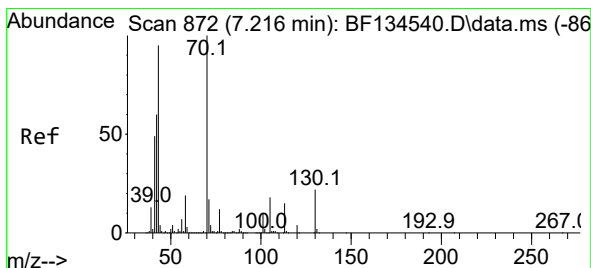
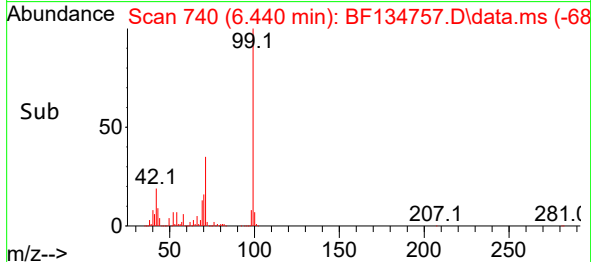
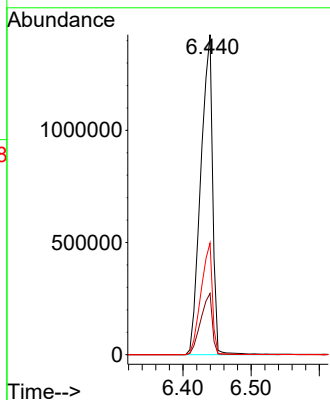
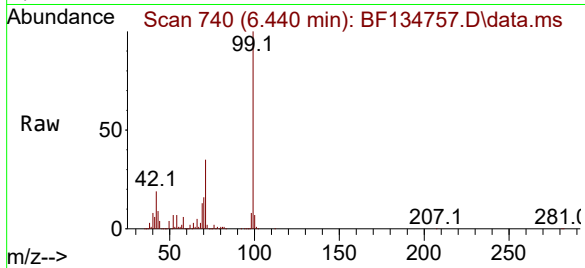




#7
Phenol-d6
Concen: 117.281 ng
RT: 6.440 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF134757.D
Acq: 14 Aug 2023 13:47

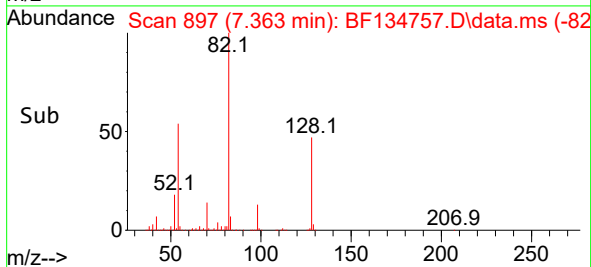
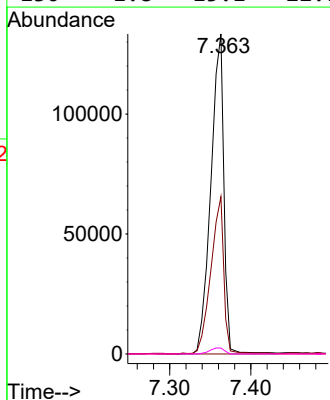
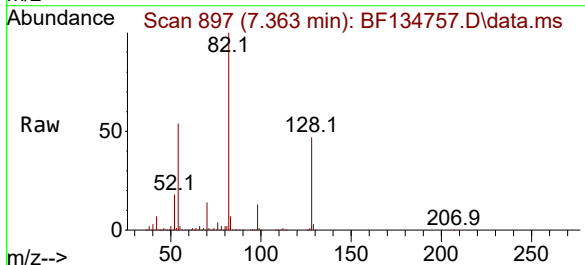
Instrument :
BNA_F
ClientSampleId :
PB154790BL

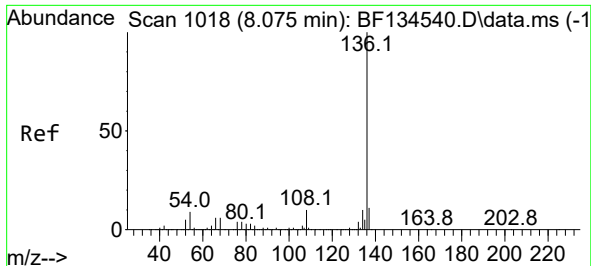
Tgt Ion: 99 Resp: 1721726
Ion Ratio Lower Upper
99 100
42 19.2 18.7 28.1
71 34.9 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 16.861 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF134757.D
Acq: 14 Aug 2023 13:47

Tgt Ion: 70 Resp: 148203
Ion Ratio Lower Upper
70 100
42 49.1 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: BF134757.D
Acq: 14 Aug 2023 13:47

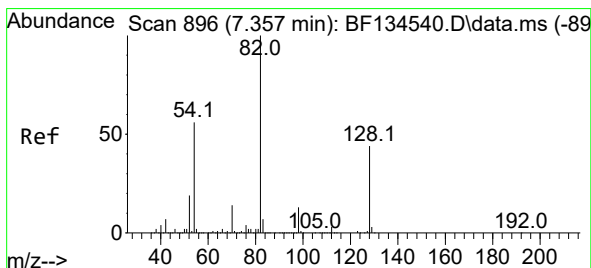
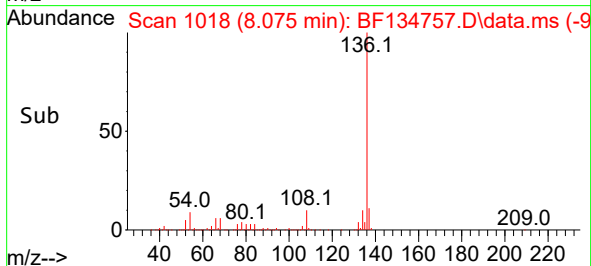
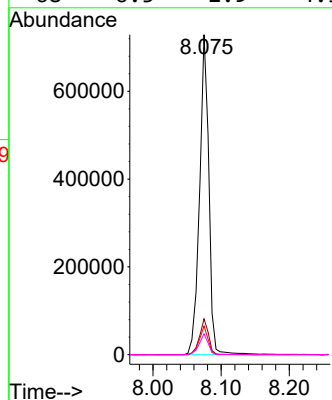
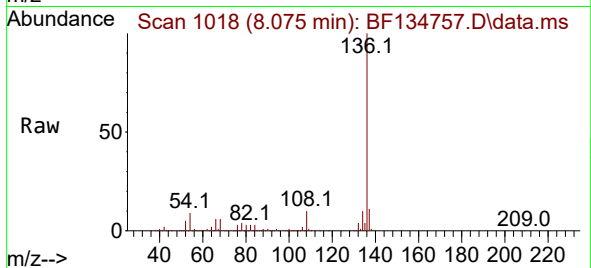
Instrument :

BNA_F

ClientSampleId :

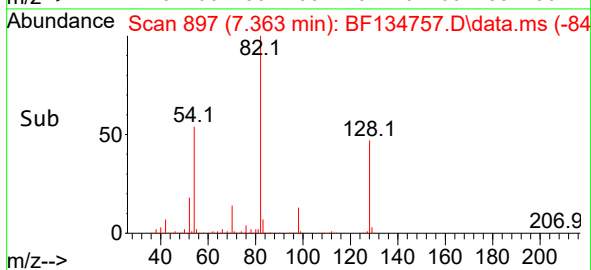
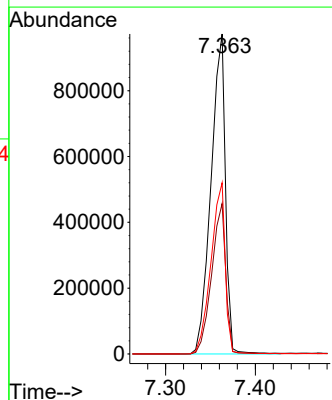
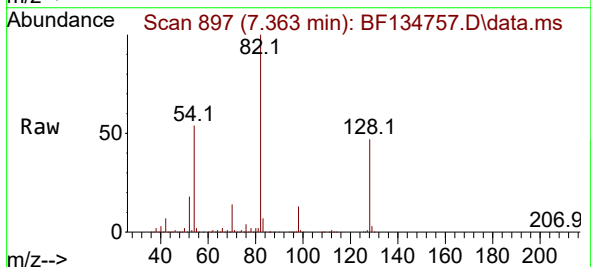
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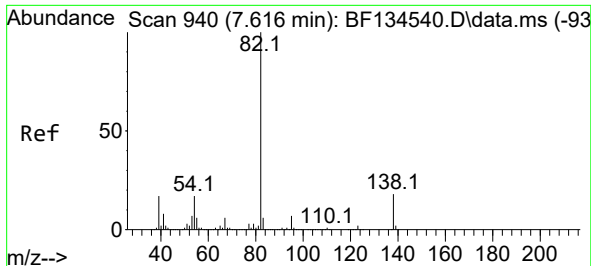
Tgt Ion:136 Resp: 690122
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.0 5.2 7.8#
68 6.5 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 98.418 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF134757.D
Acq: 14 Aug 2023 13:47

Tgt Ion: 82 Resp: 1086850
Ion Ratio Lower Upper
82 100
128 47.0 34.3 51.5
54 53.5 43.8 65.6

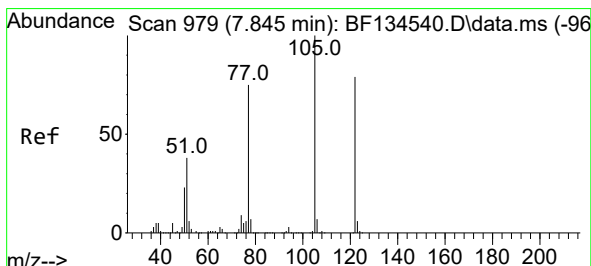
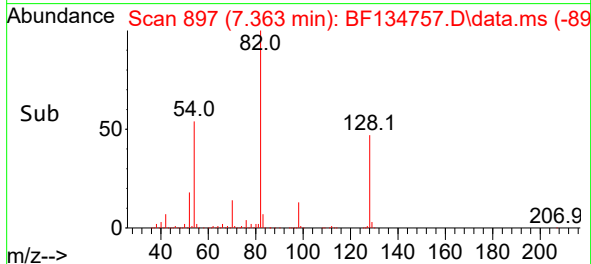
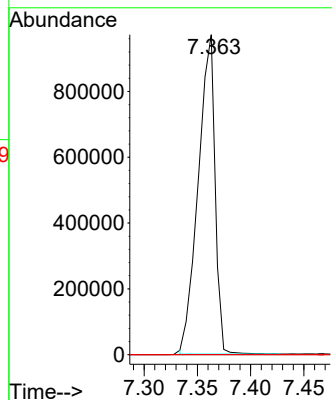
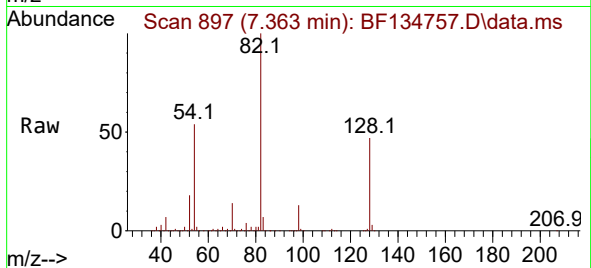




#25
Isophorone
Concen: 44.481 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF134757.D
Acq: 14 Aug 2023 13:47

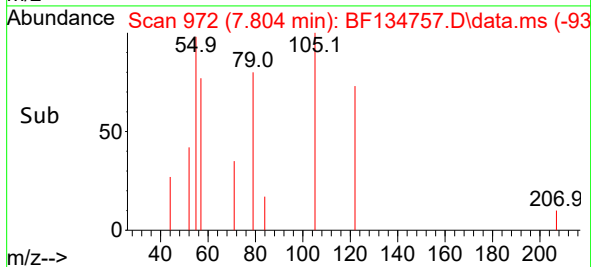
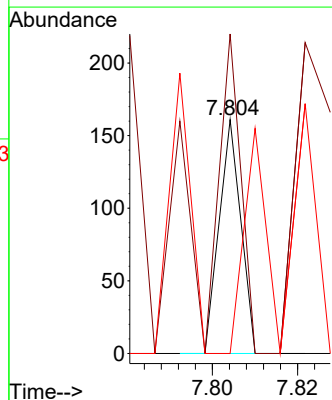
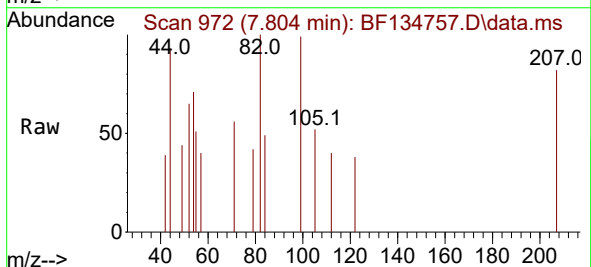
Instrument :
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ClientSampleId :
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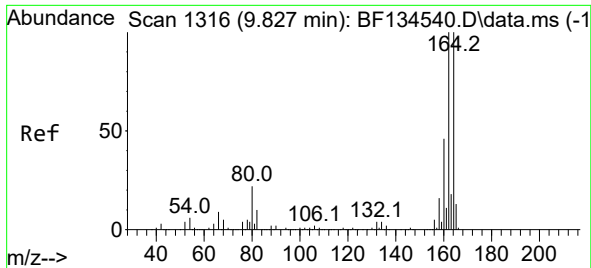
Tgt Ion: 82 Resp: 1071401
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.874 ng
RT: 7.804 min Scan# 972
Delta R.T. -0.059 min
Lab File: BF134757.D
Acq: 14 Aug 2023 13:47

Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 136.6 87.5 127.5#
77 0.0 71.4 111.4#

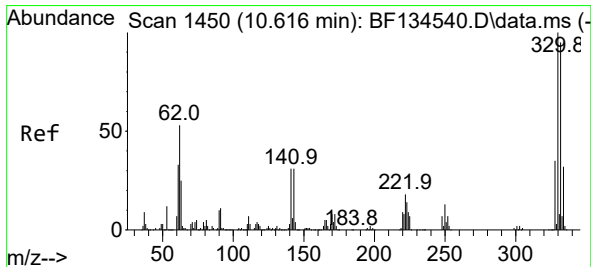
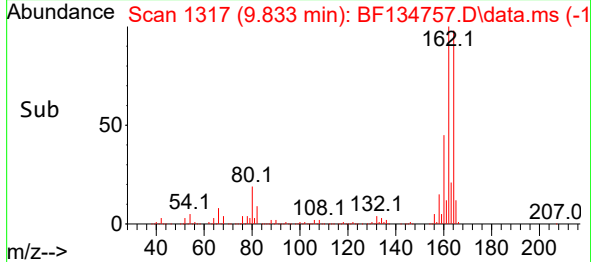
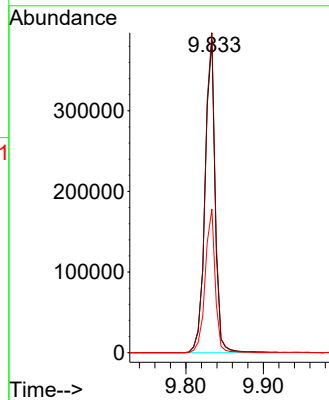
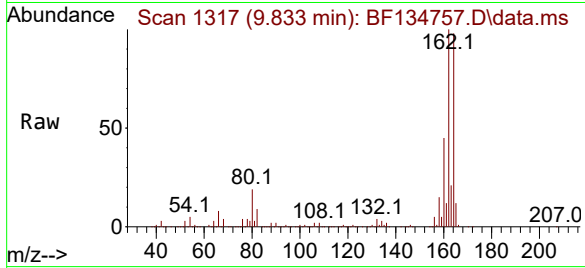




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134757.D
Acq: 14 Aug 2023 13:47

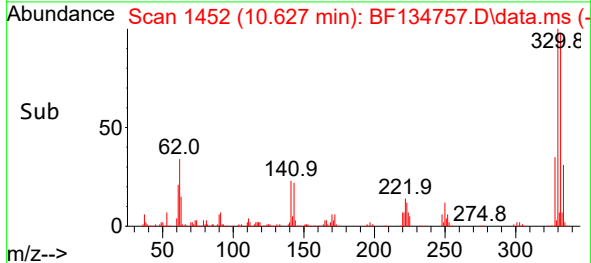
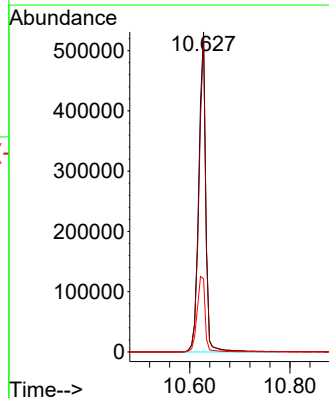
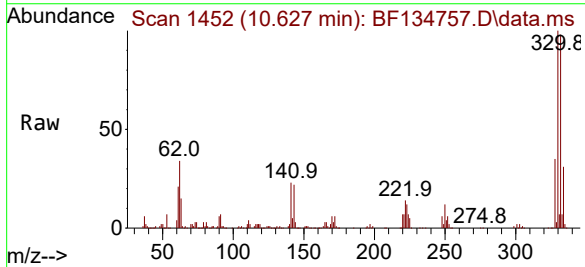
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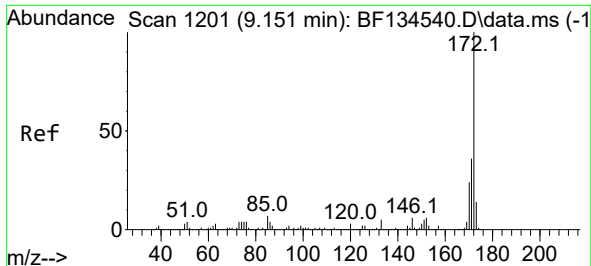
Tgt Ion:164 Resp: 350404
Ion Ratio Lower Upper
164 100
162 102.5 82.6 123.8
160 46.0 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 142.984 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF134757.D
Acq: 14 Aug 2023 13:47

Tgt Ion:330 Resp: 510745
Ion Ratio Lower Upper
330 100
332 95.8 78.8 118.2
141 27.5 25.4 38.2

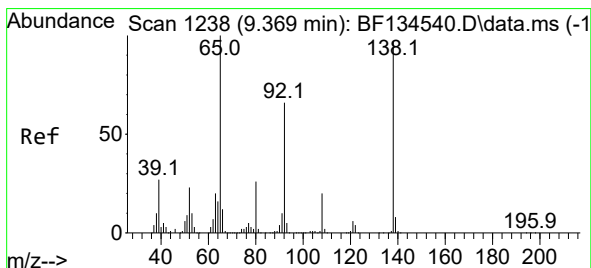
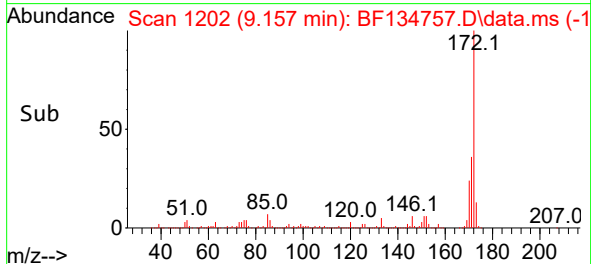
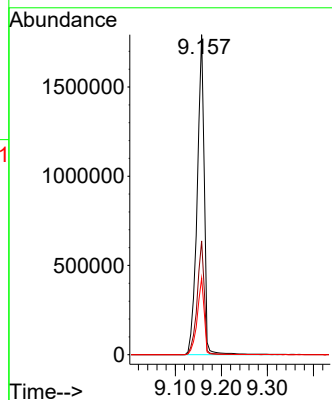
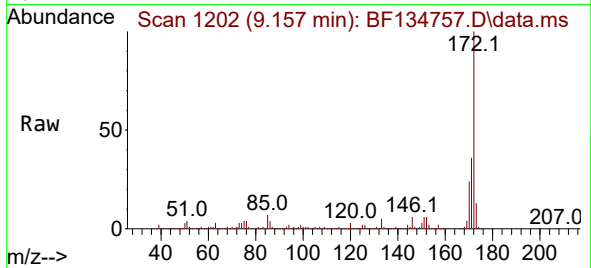




#45
2-Fluorobiphenyl
Concen: 90.729 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134757.D
Acq: 14 Aug 2023 13:47

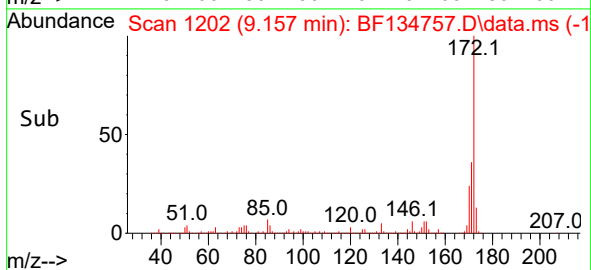
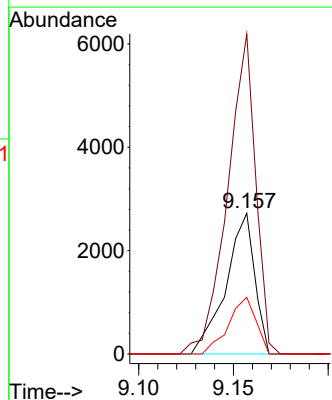
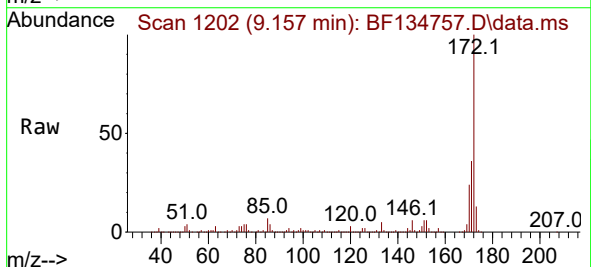
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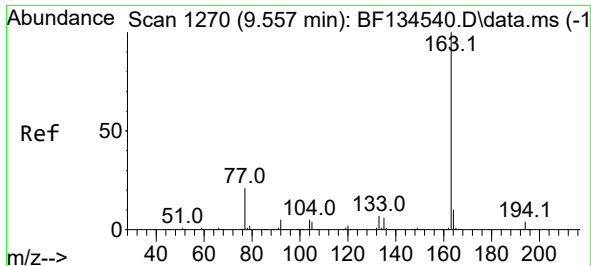
Tgt Ion:172 Resp: 1912057
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.9 18.7 28.1



#48
2-Nitroaniline
Concen: 3.588 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.223 min
Lab File: BF134757.D
Acq: 14 Aug 2023 13:47

Tgt Ion: 65 Resp: 2876
Ion Ratio Lower Upper
65 100
92 227.4 50.7 76.1#
138 40.2 78.2 117.4#

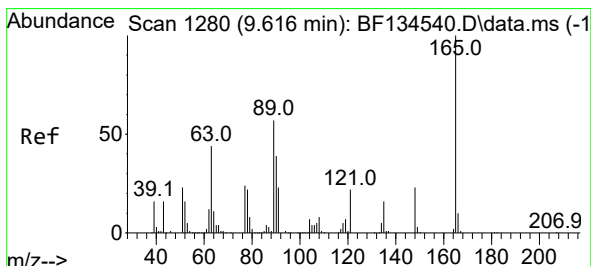
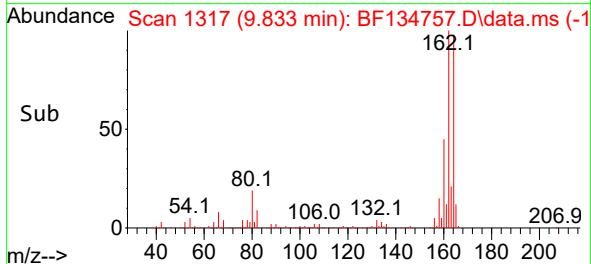
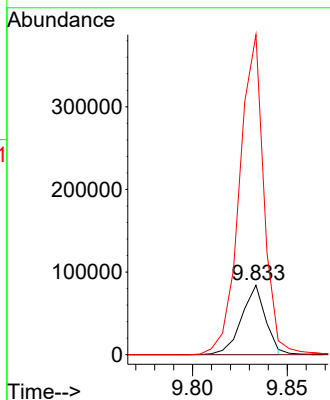
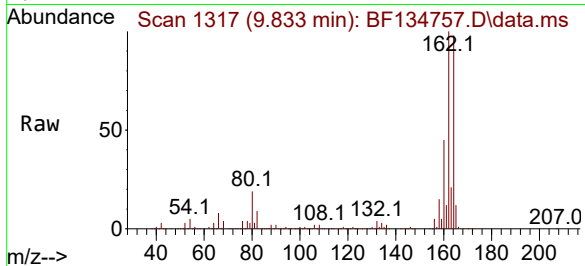




#50
Dimethylphthalate
Concen: 3.091 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF134757.D
Acq: 14 Aug 2023 13:47

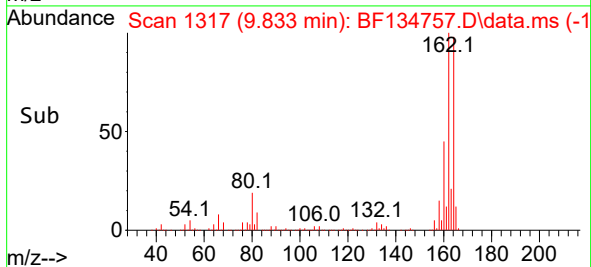
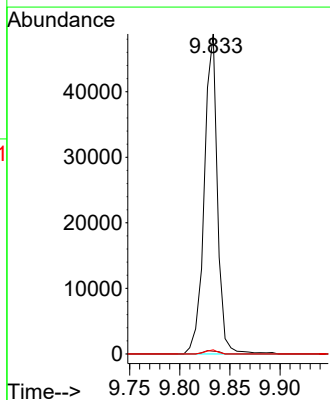
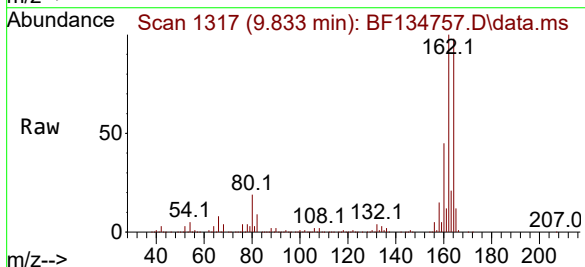
Instrument :
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ClientSampleId :
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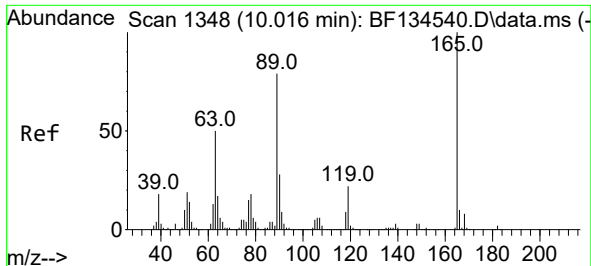
Tgt Ion:163 Resp: 73823
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 460.7 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.188 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134757.D
Acq: 14 Aug 2023 13:47

Tgt Ion:165 Resp: 44866
Ion Ratio Lower Upper
165 100
63 0.9 57.8 86.6#
89 1.3 51.8 77.8#

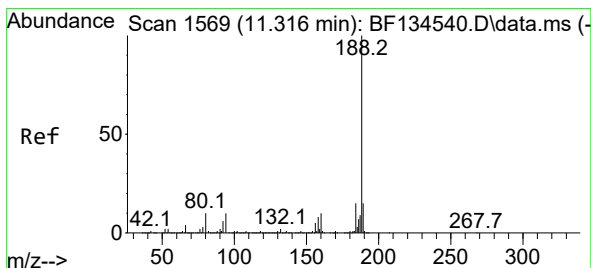
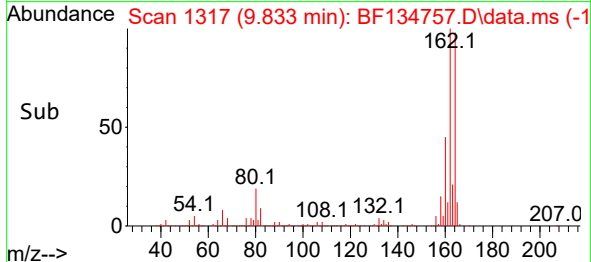
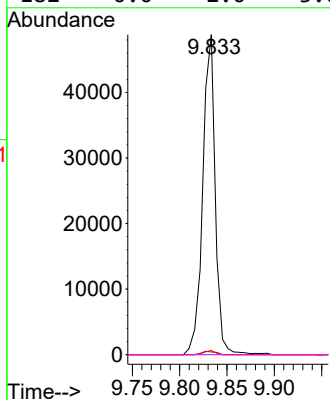
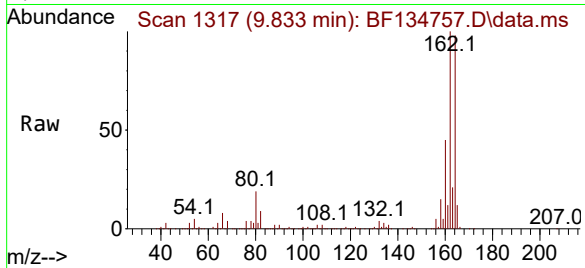




#57
2,4-Dinitrotoluene
Concen: 9.991 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134757.D
Acq: 14 Aug 2023 13:47

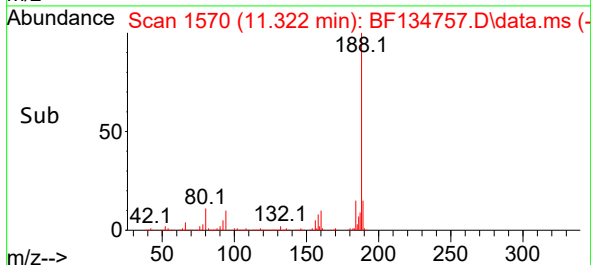
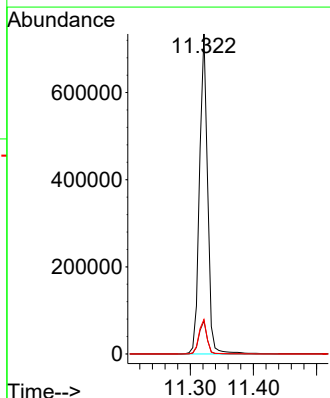
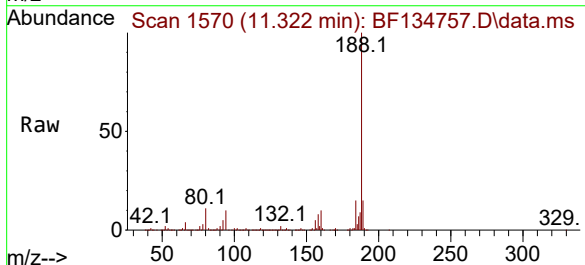
Instrument :
BNA_F
ClientSampleId :
PB154790BL

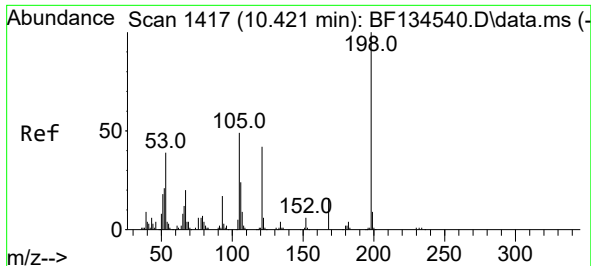
Tgt Ion:165 Resp: 44867
Ion Ratio Lower Upper
165 100
63 0.9 48.9 73.3#
89 1.3 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF134757.D
Acq: 14 Aug 2023 13:47

Tgt Ion:188 Resp: 651289
Ion Ratio Lower Upper
188 100
94 10.3 5.1 7.7#
80 10.8 6.6 9.8#

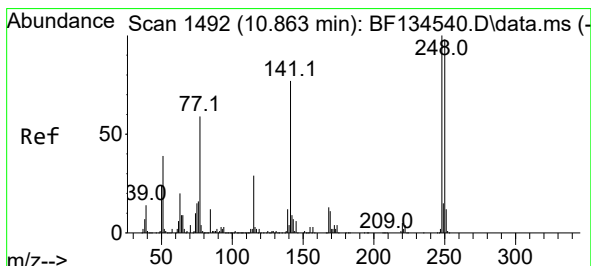
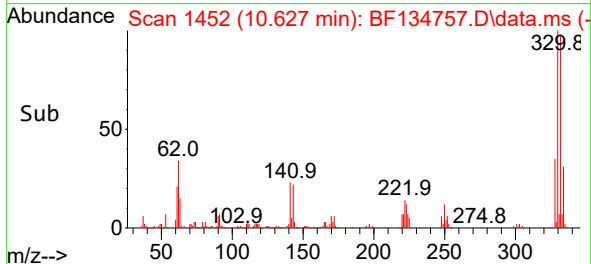
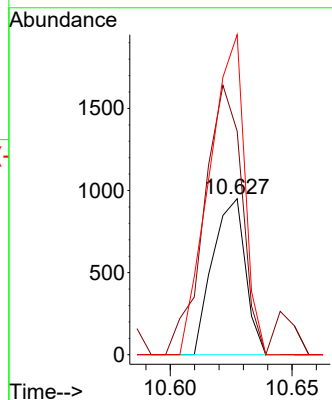
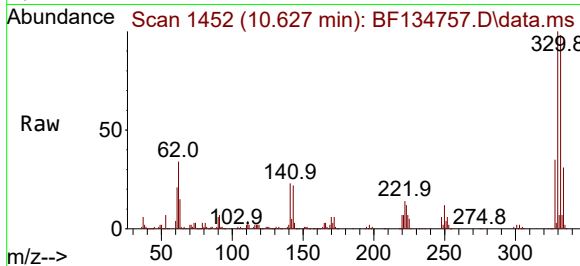




#65
4,6-Dinitro-2-methylphenol
Concen: 8.975 ng
RT: 10.627 min Scan# 1417
Delta R.T. 0.188 min
Lab File: BF134757.D
Acq: 14 Aug 2023 13:47

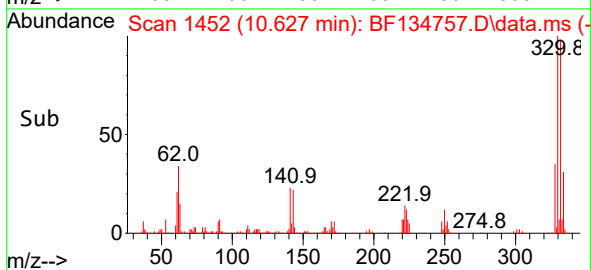
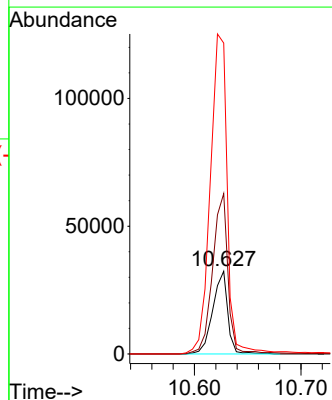
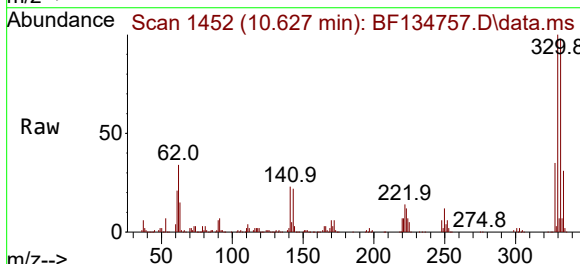
Instrument :
BNA_F
ClientSampleId :
PB154790BL

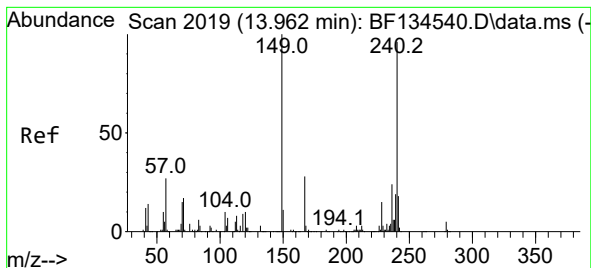
Tgt Ion:198 Resp: 889
Ion Ratio Lower Upper
198 100
51 143.4 38.6 78.6#
105 205.2 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 4.424 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.241 min
Lab File: BF134757.D
Acq: 14 Aug 2023 13:47

Tgt Ion:248 Resp: 31539
Ion Ratio Lower Upper
248 100
250 193.8 79.6 119.4#
141 375.7 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: BF134757.D

Acq: 14 Aug 2023 13:47

Instrument :

BNA_F

ClientSampleId :

PB154790BL

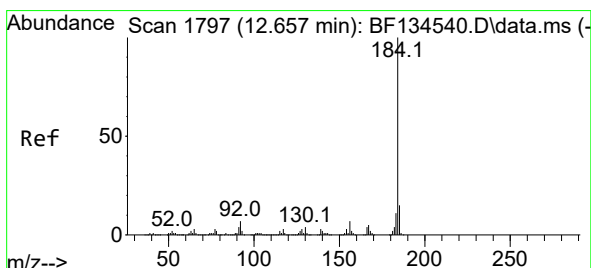
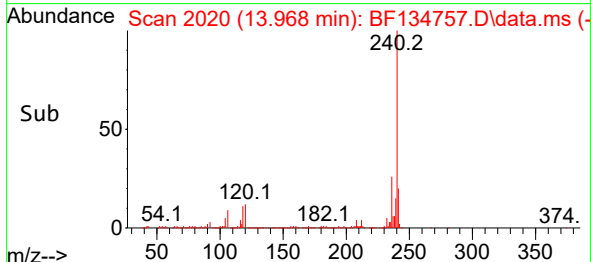
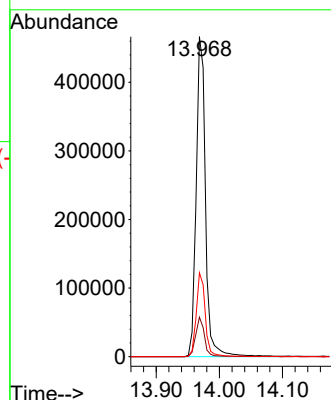
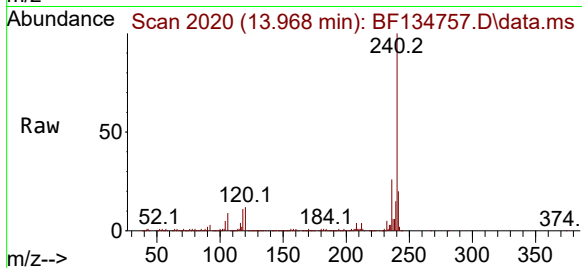
Tgt Ion:240 Resp: 478193

Ion Ratio Lower Upper

240 100

120 12.3 6.6 10.0#

236 26.2 20.2 30.2



#77

Benzidine

Concen: 2.547 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.259 min

Lab File: BF134757.D

Acq: 14 Aug 2023 13:47

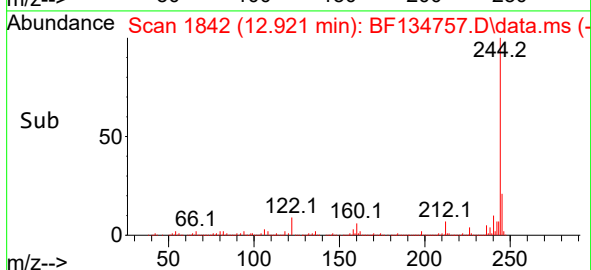
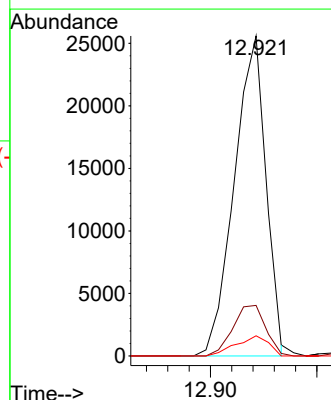
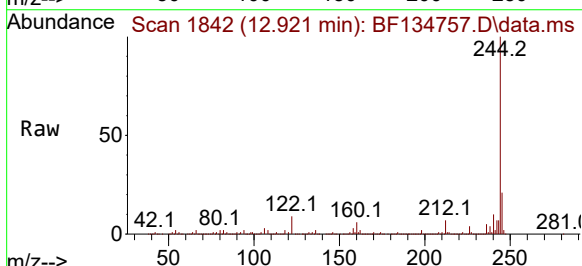
Tgt Ion:184 Resp: 26436

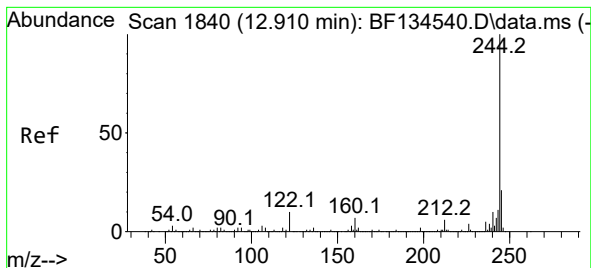
Ion Ratio Lower Upper

184 100

185 15.8 11.2 16.8

183 6.3 8.6 13.0#





#79

Terphenyl-d14

Concen: 81.859 ng

RT: 12.921 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134757.D

Acq: 14 Aug 2023 13:47

Instrument :

BNA_F

ClientSampleId :

PB154790BL

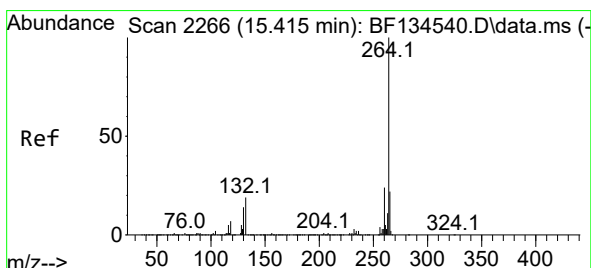
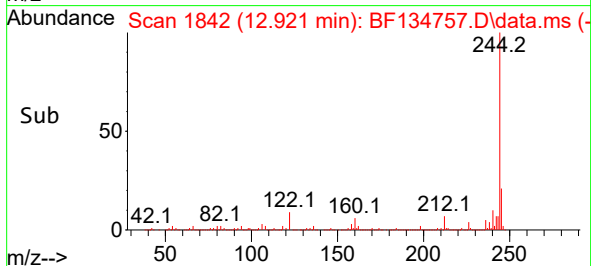
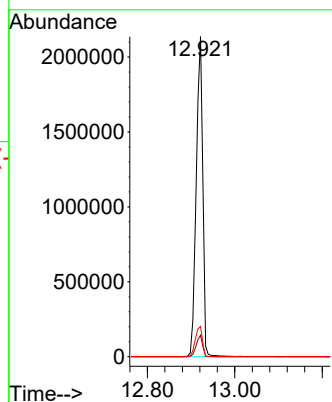
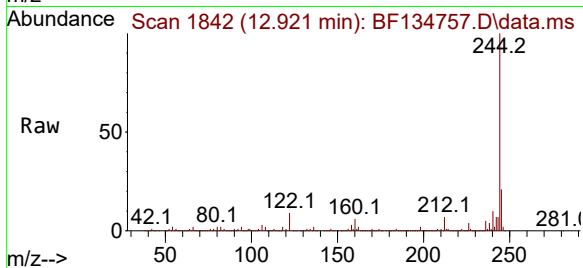
Tgt Ion:244 Resp: 2220498

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 9.4 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF134757.D

Acq: 14 Aug 2023 13:47

Tgt Ion:264 Resp: 409588

Ion Ratio Lower Upper

264 100

260 24.7 18.4 27.6

265 21.9 15.8 23.8

