

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134861.D
 Acq On : 21 Aug 2023 11:24
 Operator : CG\JU
 Sample : PB154909BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154909BL

Quant Time: Aug 21 11:57:07 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)

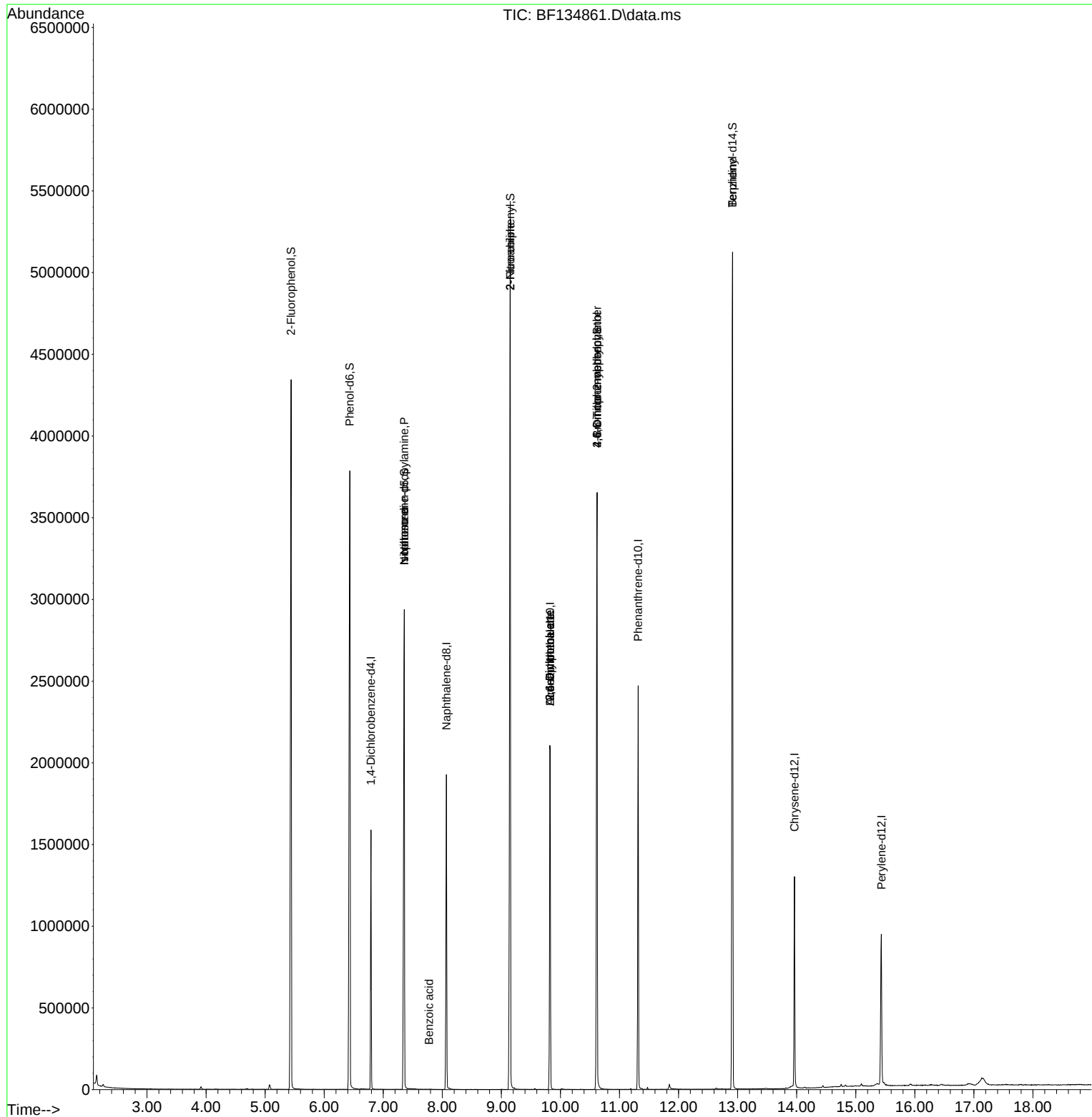
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	213360	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	898630	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	472179	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	856424	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	419166	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	462087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1354844	96.527	ng	0.01
7) Phenol-d6	6.434	99	1749423	97.503	ng	0.00
23) Nitrobenzene-d5	7.357	82	1115129	77.549	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	559243	116.184	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1982233	69.801	ng	-0.01
79) Terphenyl-d14	12.916	244	2090522	87.920	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	2472	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	150091	13.972	ng	# 72
25) Isophorone	7.357	82	1102710	35.159	ng	# 65
32) Benzoic acid	7.775	122	164	7.882	ng	# 68
48) 2-Nitroaniline	9.151	65	3293	3.525	ng	# 1
50) Dimethylphthalate	9.828	163	102437	3.183	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	61423	11.326	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	61423	10.105	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	982	8.931	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	33926	3.619	ng	# 1
77) Benzidine	12.916	184	25746	2.829	ng	# 96

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

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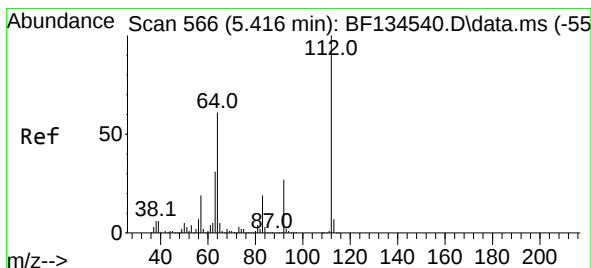
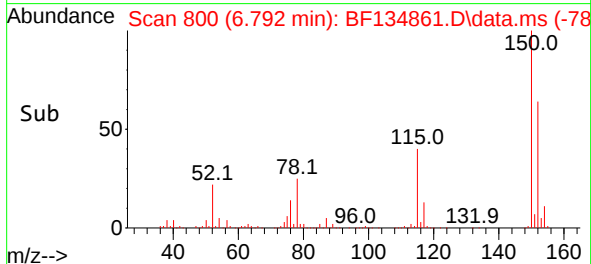
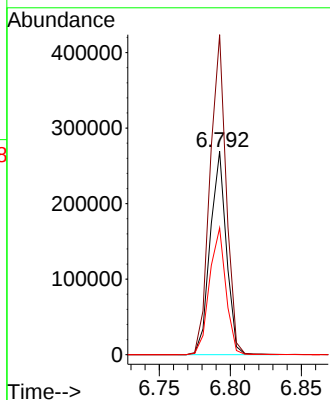
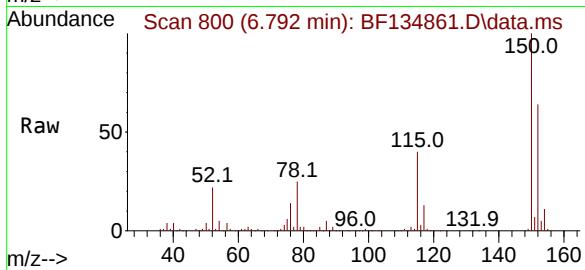




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF134861.D
Acq: 21 Aug 2023 11:24

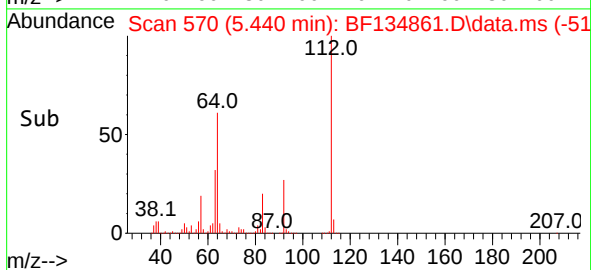
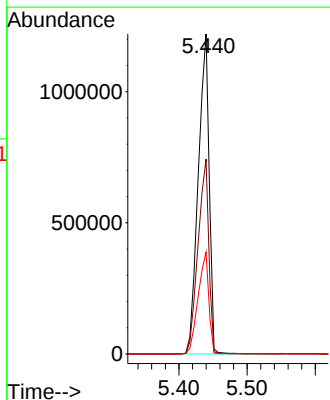
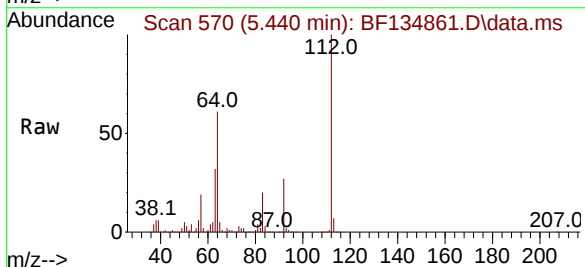
Instrument :
BNA_F
ClientSampleId :
PB154909BL

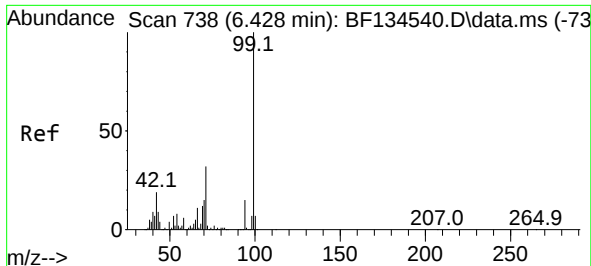
Tgt Ion:152 Resp: 213360
Ion Ratio Lower Upper
152 100
150 157.4 128.3 192.5
115 62.3 52.4 78.6



#5
2-Fluorophenol
Concen: 96.527 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF134861.D
Acq: 21 Aug 2023 11:24

Tgt Ion:112 Resp: 1354844
Ion Ratio Lower Upper
112 100
64 60.9 44.9 67.3
63 31.8 25.4 38.0

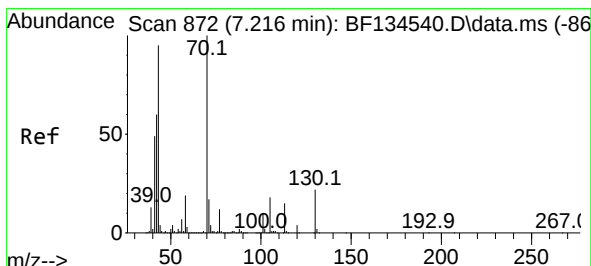
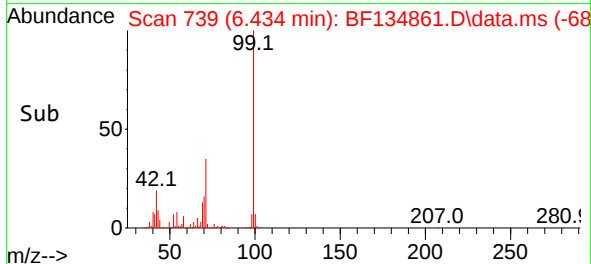
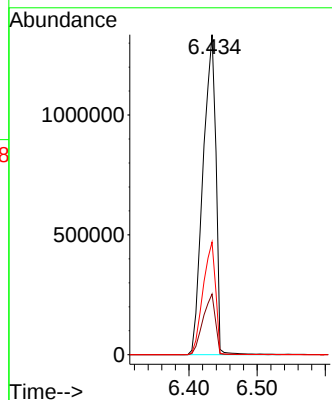
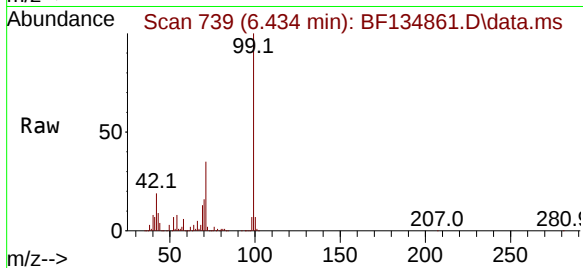




#7
Phenol-d6
Concen: 97.503 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134861.D
Acq: 21 Aug 2023 11:24

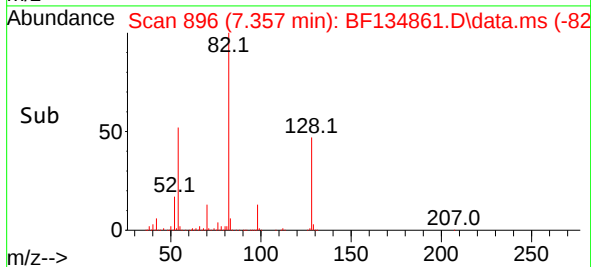
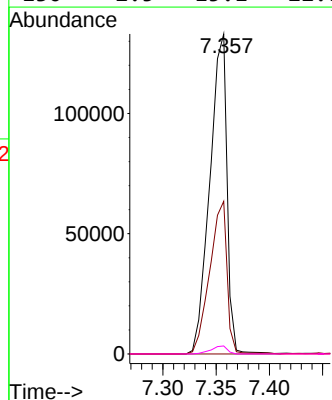
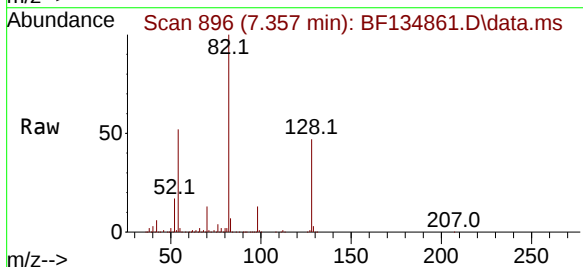
Instrument :
BNA_F
ClientSampleId :
PB154909BL

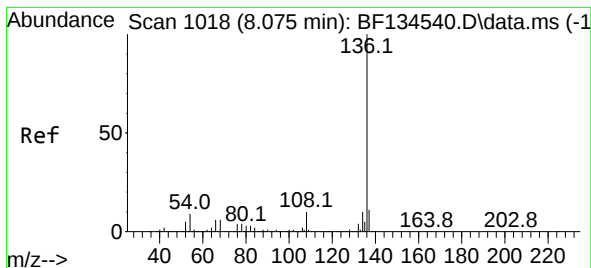
Tgt Ion: 99 Resp: 1749423
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 35.2 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 13.972 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134861.D
Acq: 21 Aug 2023 11:24

Tgt Ion: 70 Resp: 150091
Ion Ratio Lower Upper
70 100
42 47.7 54.7 82.1#
101 0.0 8.2 12.2#
130 2.5 15.1 22.7#

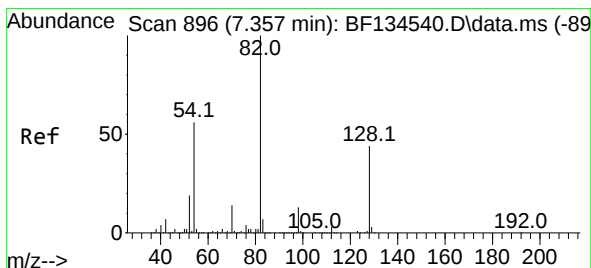
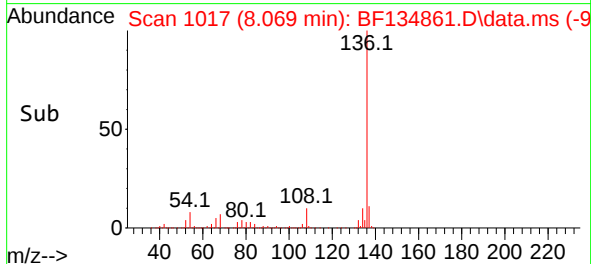
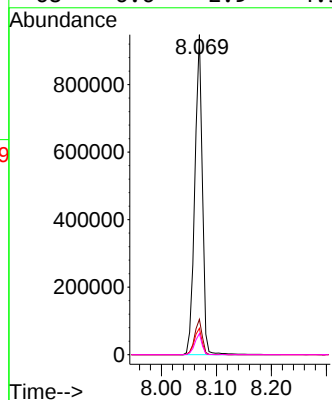
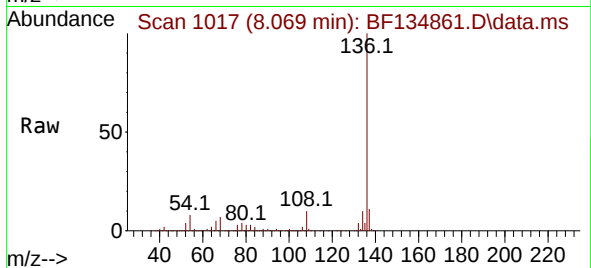




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF134861.D
Acq: 21 Aug 2023 11:24

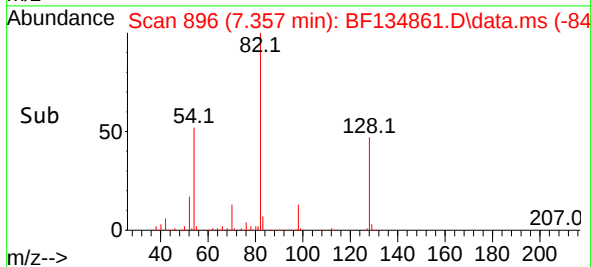
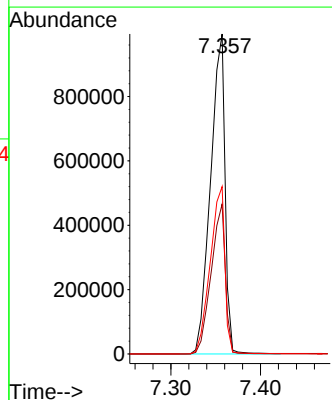
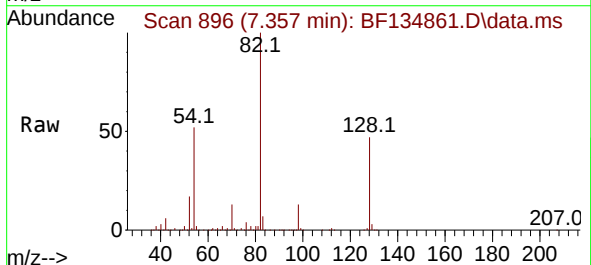
Instrument :
BNA_F
ClientSampleId :
PB154909BL

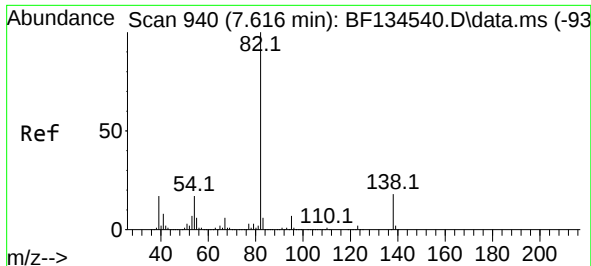
Tgt Ion:136 Resp: 898630
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.3 5.2 7.8#
68 6.6 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 77.549 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134861.D
Acq: 21 Aug 2023 11:24

Tgt Ion: 82 Resp: 1115129
Ion Ratio Lower Upper
82 100
128 46.8 34.3 51.5
54 52.3 43.8 65.6

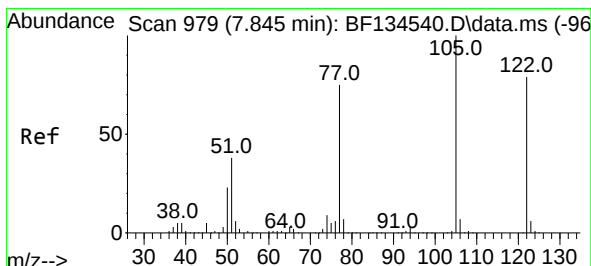
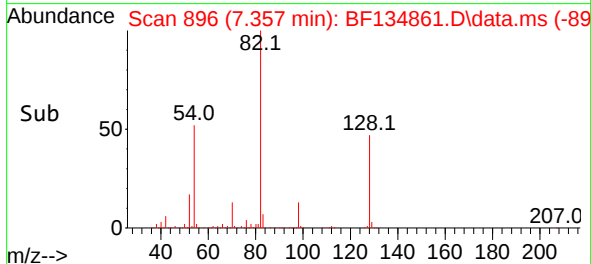
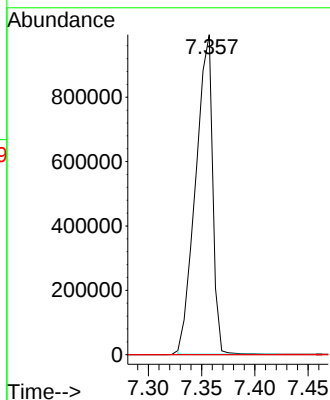
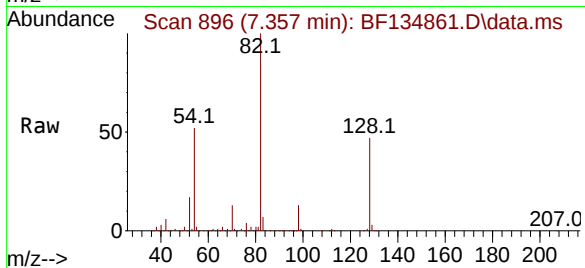




#25
Isophorone
Concen: 35.159 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF134861.D
Acq: 21 Aug 2023 11:24

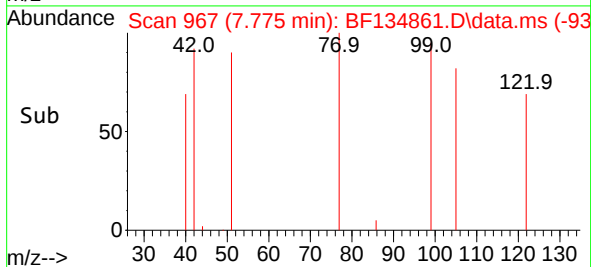
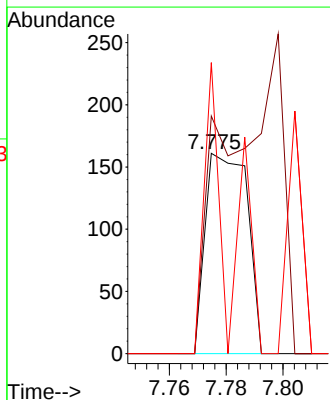
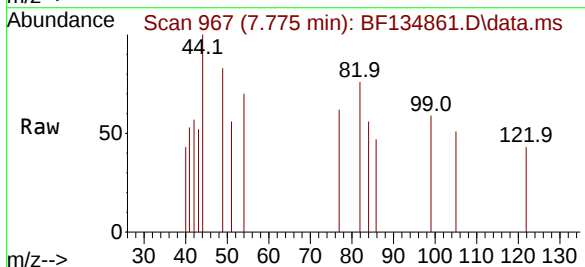
Instrument :
BNA_F
ClientSampleId :
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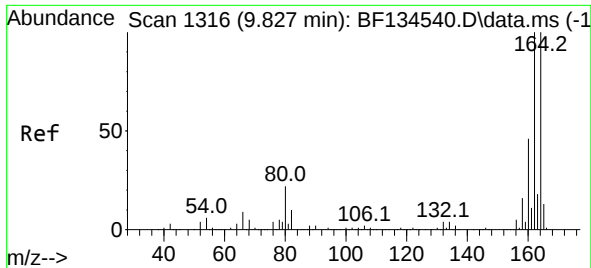
Tgt Ion: 82 Resp: 1102710
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.882 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.088 min
Lab File: BF134861.D
Acq: 21 Aug 2023 11:24

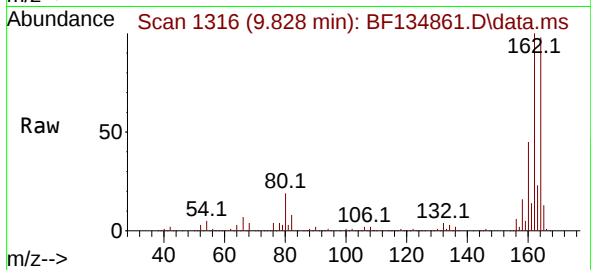
Tgt Ion: 122 Resp: 164
Ion Ratio Lower Upper
122 100
105 118.6 87.5 127.5
77 145.3 71.4 111.4#



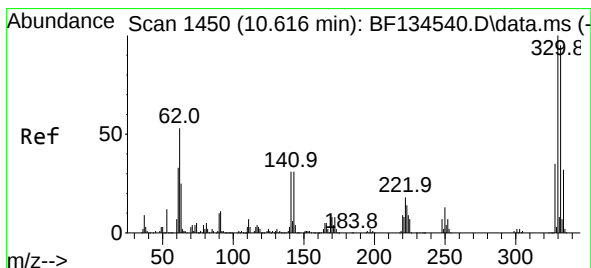
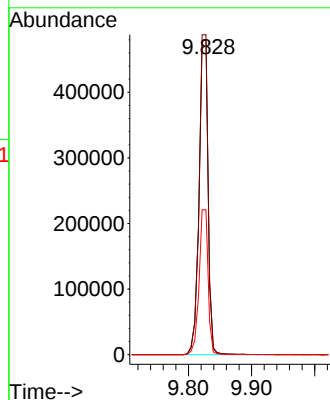
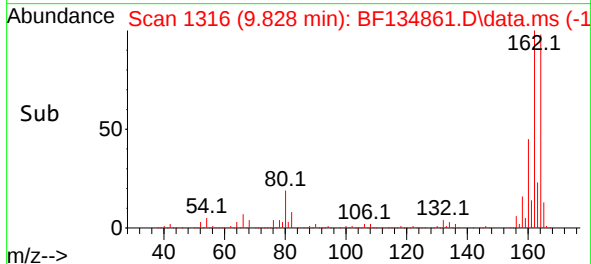


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134861.D
Acq: 21 Aug 2023 11:24

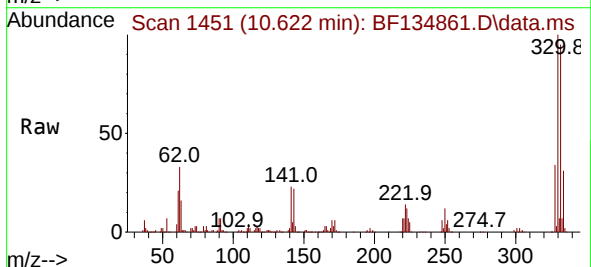
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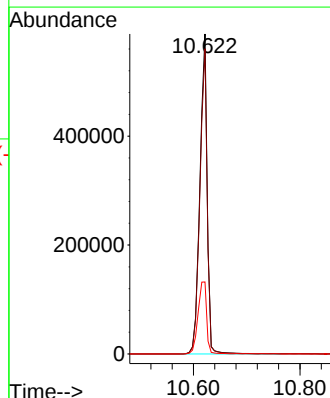
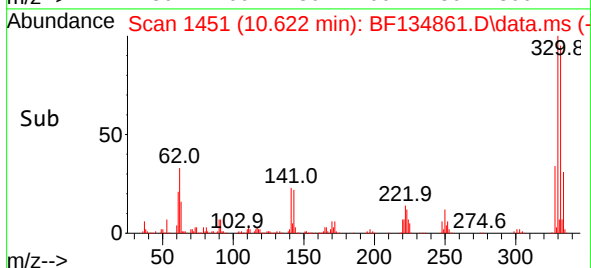
Tgt Ion:164 Resp: 472179
Ion Ratio Lower Upper
164 100
162 101.5 82.6 123.8
160 46.0 37.2 55.8

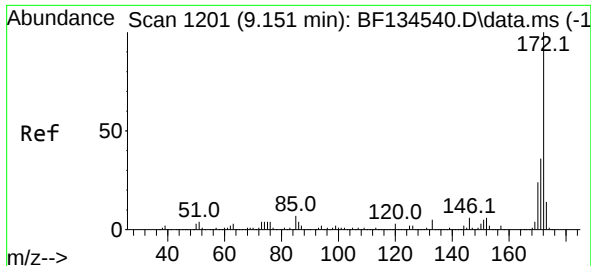


#42
2,4,6-Tribromophenol
Concen: 116.184 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134861.D
Acq: 21 Aug 2023 11:24



Tgt Ion:330 Resp: 559243
Ion Ratio Lower Upper
330 100
332 95.6 78.8 118.2
141 26.7 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 69.801 ng

RT: 9.151 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134861.D

Acq: 21 Aug 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB154909BL

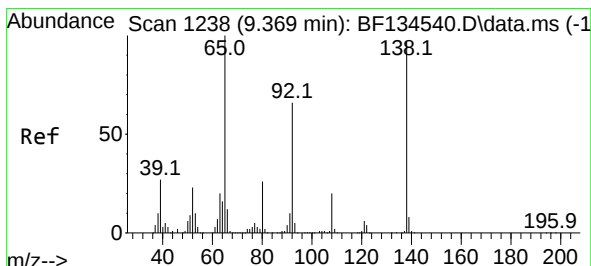
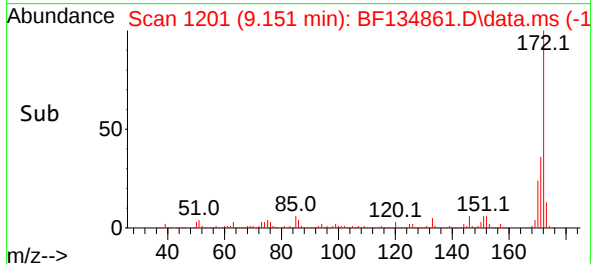
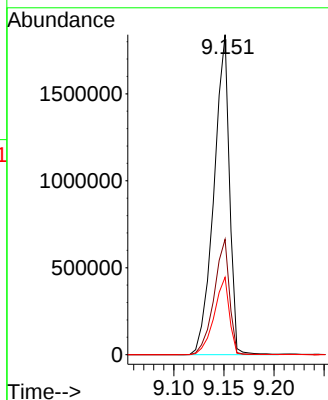
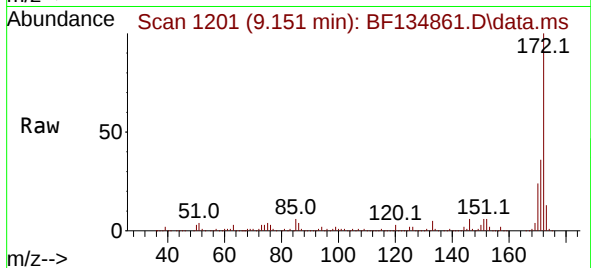
Tgt Ion:172 Resp: 1982233

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.2 18.7 28.1



#48

2-Nitroaniline

Concen: 3.525 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.229 min

Lab File: BF134861.D

Acq: 21 Aug 2023 11:24

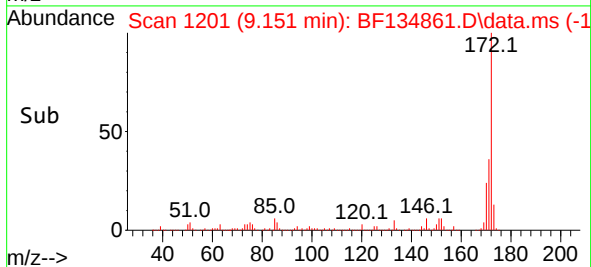
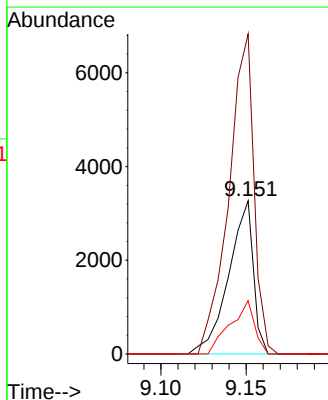
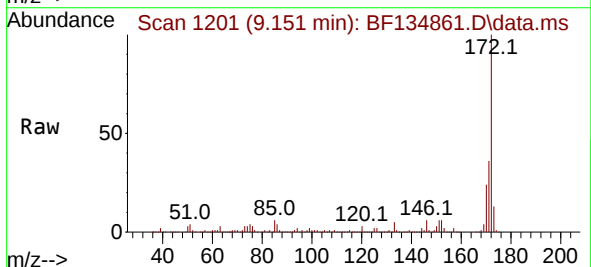
Tgt Ion: 65 Resp: 3293

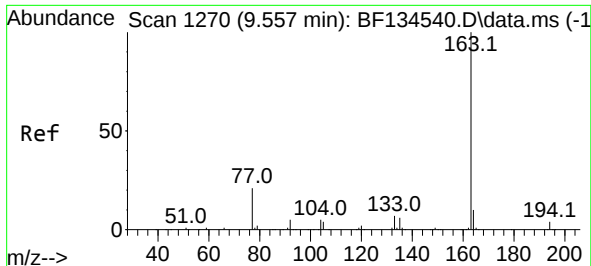
Ion Ratio Lower Upper

65 100

92 209.1 50.7 76.1#

138 34.8 78.2 117.4#

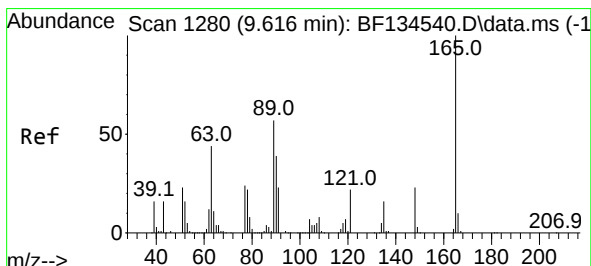
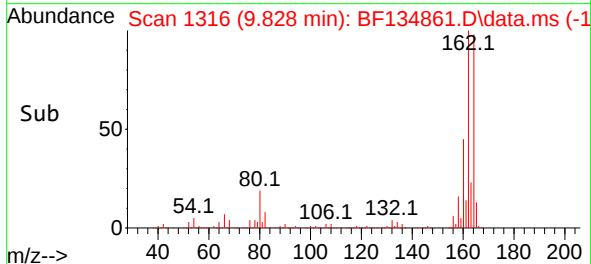
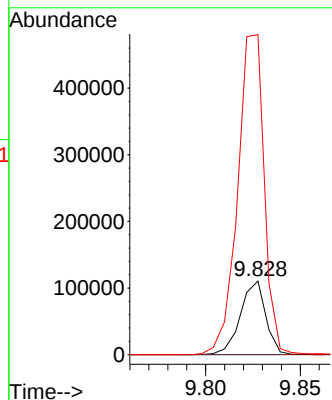
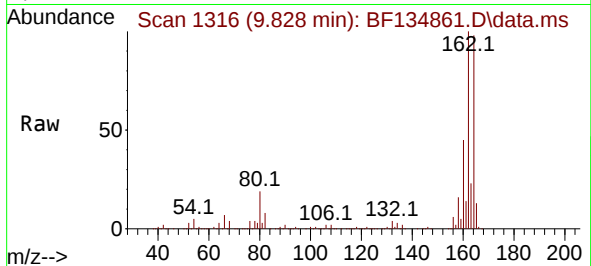




#50
Dimethylphthalate
Concen: 3.183 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF134861.D
Acq: 21 Aug 2023 11:24

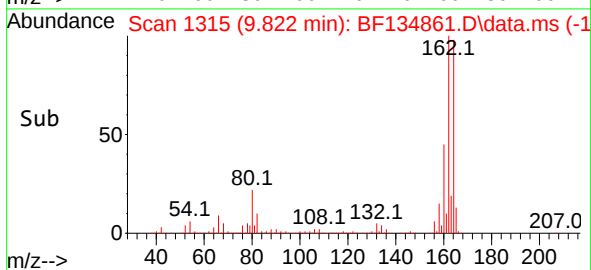
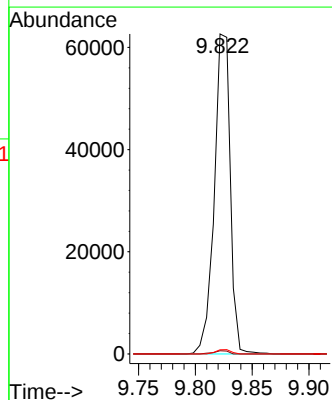
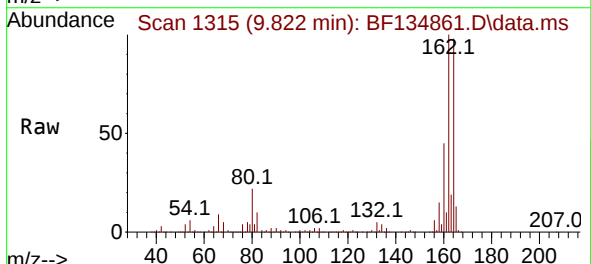
Instrument :
BNA_F
ClientSampleId :
PB154909BL

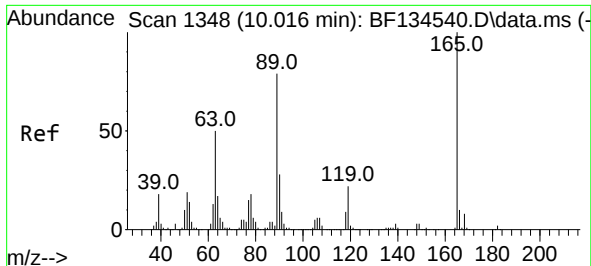
Tgt Ion:163 Resp: 102437
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 435.1 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.326 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.194 min
Lab File: BF134861.D
Acq: 21 Aug 2023 11:24

Tgt Ion:165 Resp: 61423
Ion Ratio Lower Upper
165 100
63 1.0 57.8 86.6#
89 1.3 51.8 77.8#

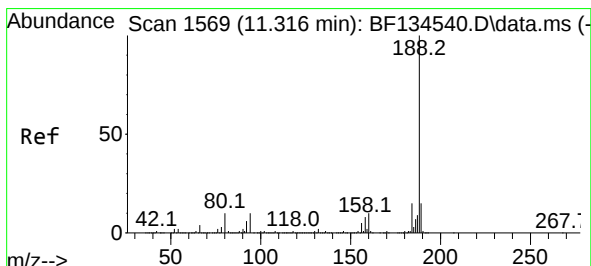
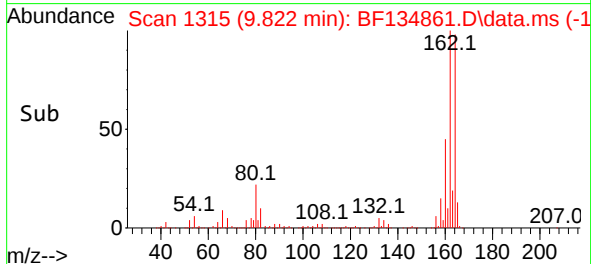
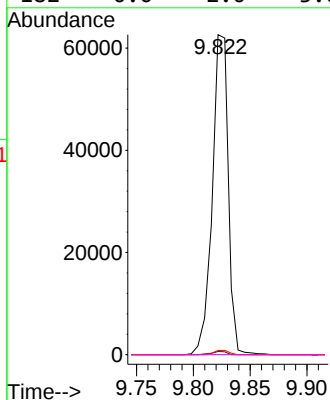
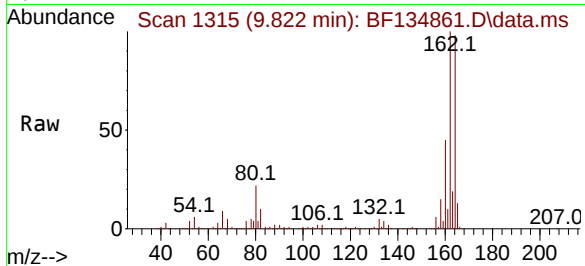




#57
2,4-Dinitrotoluene
Concen: 10.105 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134861.D
Acq: 21 Aug 2023 11:24

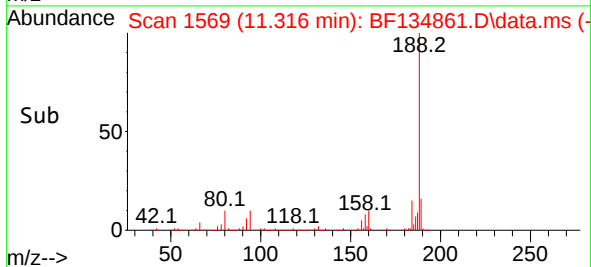
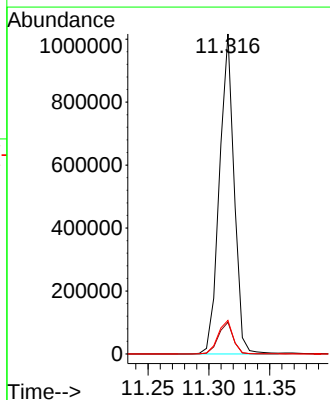
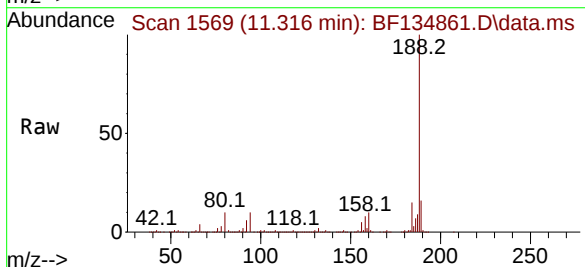
Instrument :
BNA_F
ClientSampleId :
PB154909BL

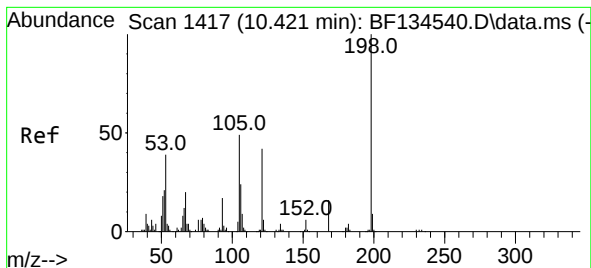
Tgt Ion:165 Resp: 61423
Ion Ratio Lower Upper
165 100
63 1.0 48.9 73.3#
89 1.3 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134861.D
Acq: 21 Aug 2023 11:24

Tgt Ion:188 Resp: 856424
Ion Ratio Lower Upper
188 100
94 9.9 5.1 7.7#
80 10.5 6.6 9.8#

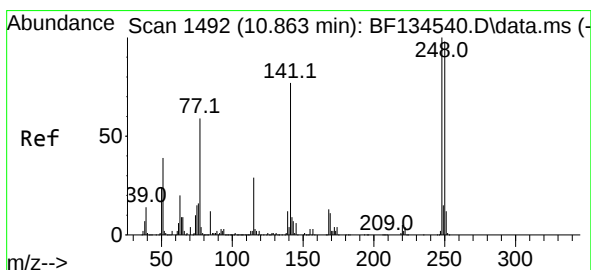
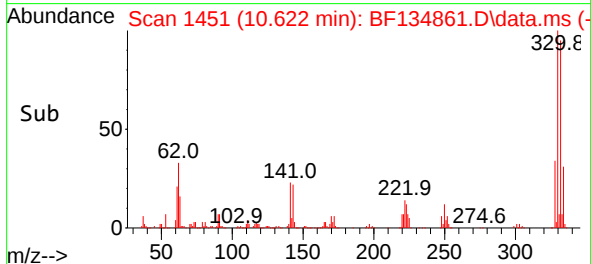
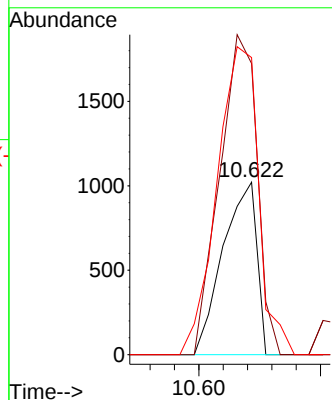
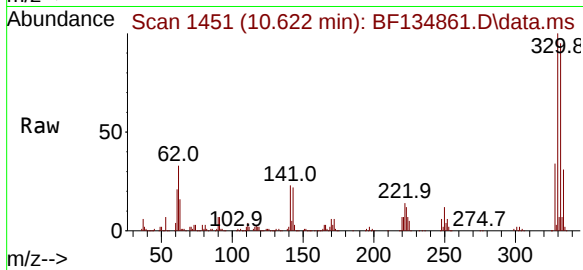




#65
4,6-Dinitro-2-methylphenol
Concen: 8.931 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.182 min
Lab File: BF134861.D
Acq: 21 Aug 2023 11:24

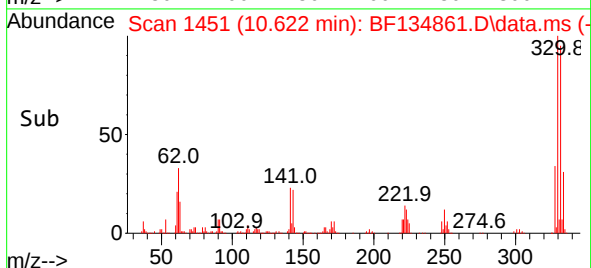
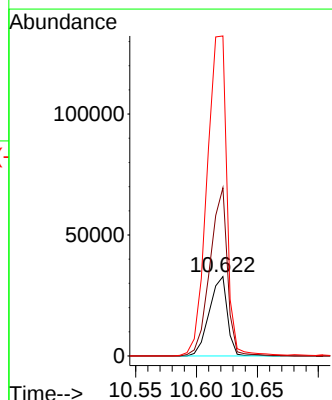
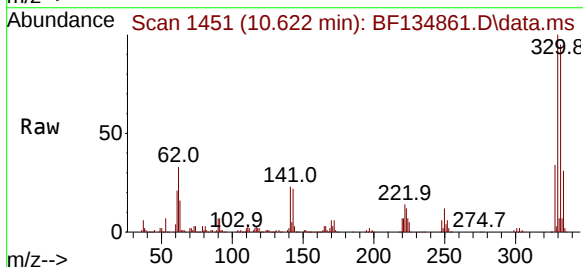
Instrument :
BNA_F
ClientSampleId :
PB154909BL

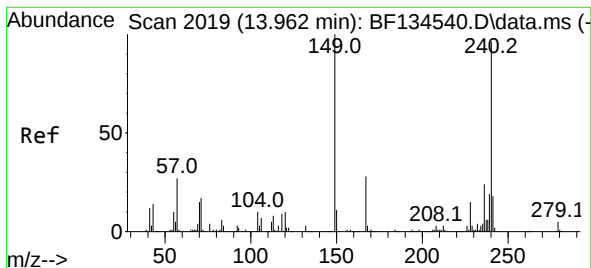
Tgt Ion:198 Resp: 982
Ion Ratio Lower Upper
198 100
51 168.9 38.6 78.6#
105 172.4 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 3.619 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF134861.D
Acq: 21 Aug 2023 11:24

Tgt Ion:248 Resp: 33926
Ion Ratio Lower Upper
248 100
250 211.7 79.6 119.4#
141 403.0 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF134861.D

Acq: 21 Aug 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB154909BL

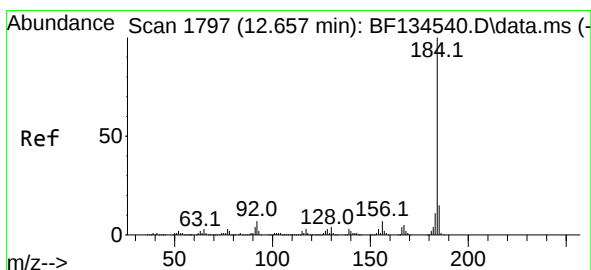
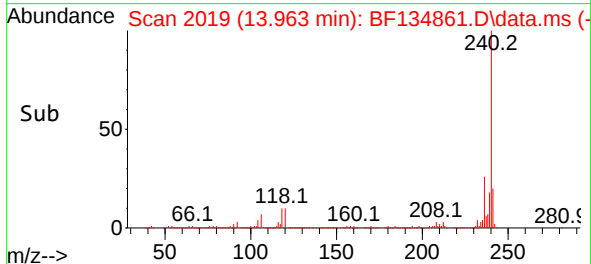
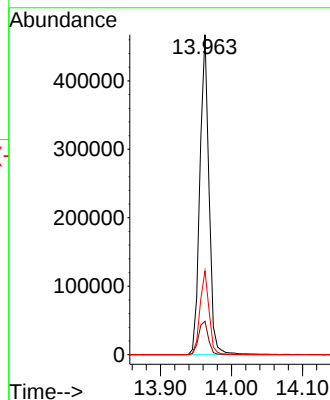
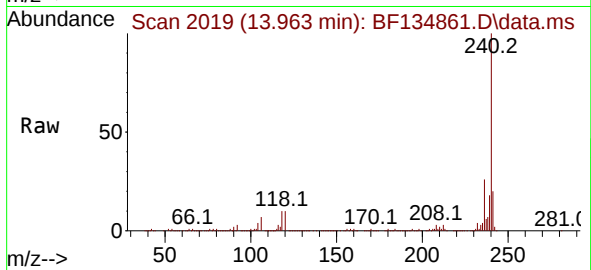
Tgt Ion:240 Resp: 419166

Ion Ratio Lower Upper

240 100

120 10.5 6.6 10.0#

236 26.2 20.2 30.2



#77

Benzidine

Concen: 2.829 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.253 min

Lab File: BF134861.D

Acq: 21 Aug 2023 11:24

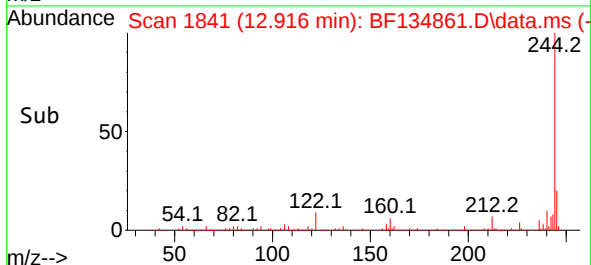
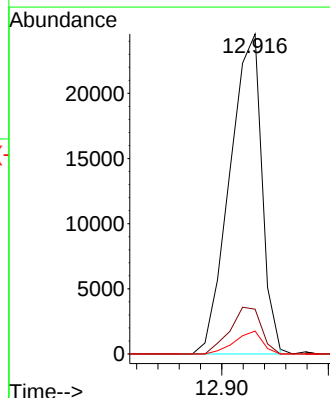
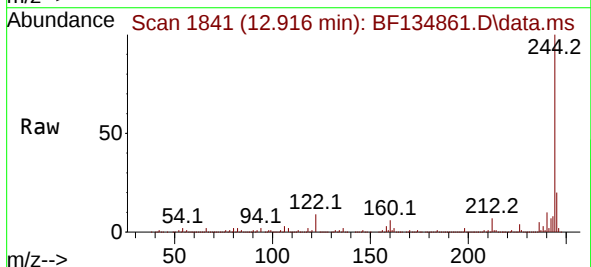
Tgt Ion:184 Resp: 25746

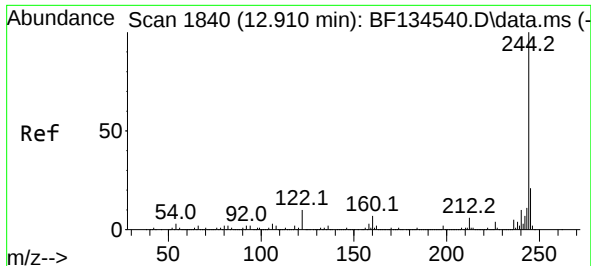
Ion Ratio Lower Upper

184 100

185 14.0 11.2 16.8

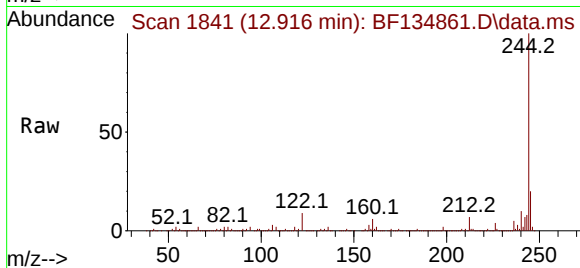
183 7.2 8.6 13.0#





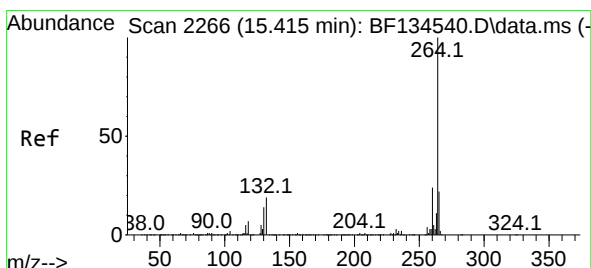
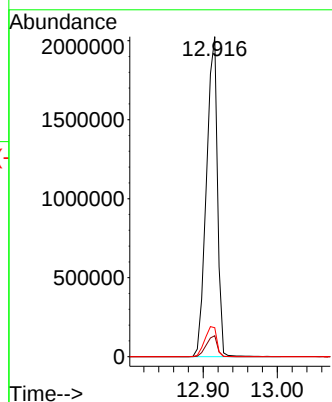
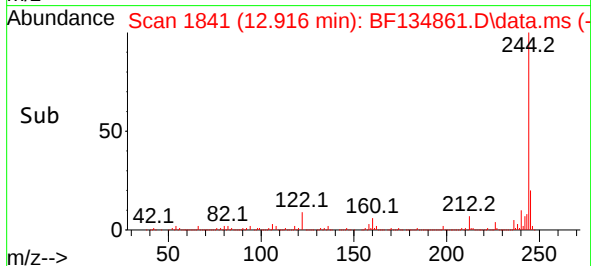
#79
 Terphenyl-d14
 Concen: 87.920 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF134861.D
 Acq: 21 Aug 2023 11:24

Instrument :
 BNA_F
 ClientSampleId :
 PB154909BL



Tgt Ion:244 Resp: 2090522

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	9.0	8.0	12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF134861.D
 Acq: 21 Aug 2023 11:24

Tgt Ion:264 Resp: 462087

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	21.9	15.8	23.8

