

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
 Data File : BF134361.D
 Acq On : 19 Jul 2023 16:23
 Operator : CG\JU
 Sample : 03599-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 19 17:08:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

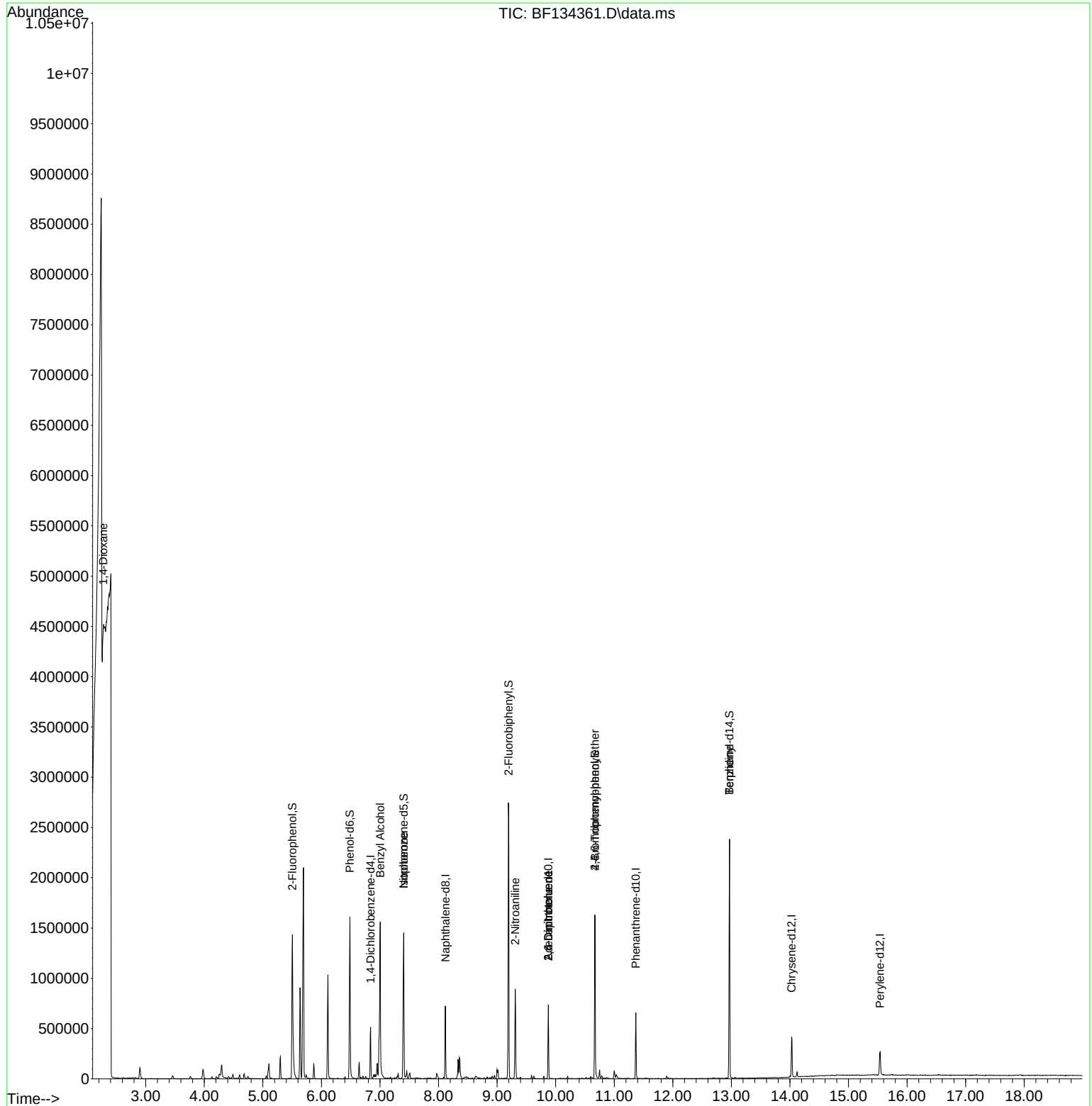
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	71957	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	276474	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	130941	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	222932	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	143494	20.000	ng	-0.01
86) Perylene-d12	15.539	264	119449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	492222	114.426	ng	0.04
7) Phenol-d6	6.487	99	497285	94.001	ng	0.00
23) Nitrobenzene-d5	7.404	82	451057	87.945	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	200079	121.870	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	863336	95.860	ng	0.00
79) Terphenyl-d14	12.969	244	787464	88.321	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.275	88	4971	2.803	ng	# 22
9) Benzaldehyde	6.487	77	969	Below Cal		# 1
15) Benzyl Alcohol	7.004	79	24349	5.970	ng	# 46
25) Isophorone	7.404	82	451049	48.389	ng	# 64
48) 2-Nitroaniline	9.310	65	9281	3.314	ng	# 17
51) 2,6-Dinitrotoluene	9.875	165	16099	7.864	ng	# 24
57) 2,4-Dinitrotoluene	9.875	165	16099	5.955	ng	# 22
67) 4-Bromophenyl-phenylether	10.669	248	11758	4.962	ng	# 1
77) Benzidine	12.969	184	11045	3.235	ng	# 92

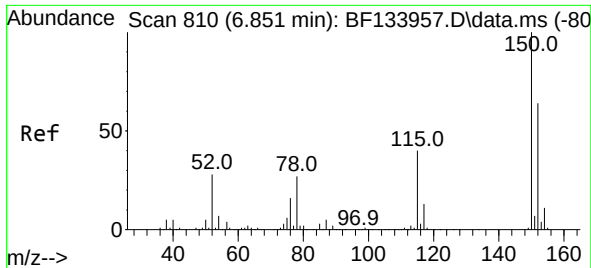
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
Data File : BF134361.D
Acq On : 19 Jul 2023 16:23
Operator : CG\JU
Sample : 03599-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

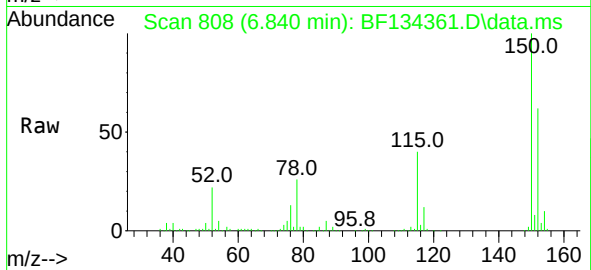
Quant Time: Jul 19 17:08:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration



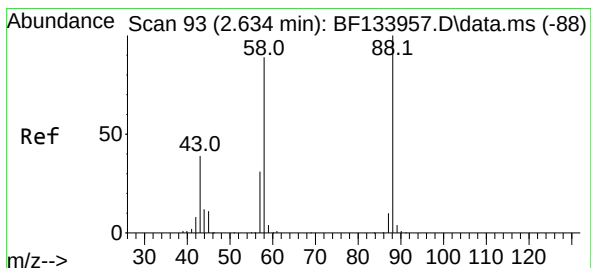
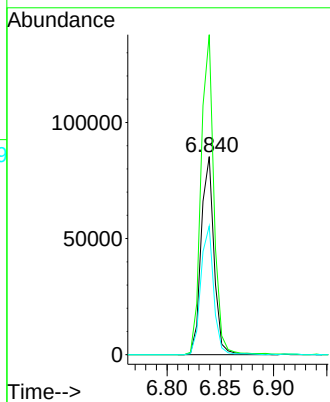
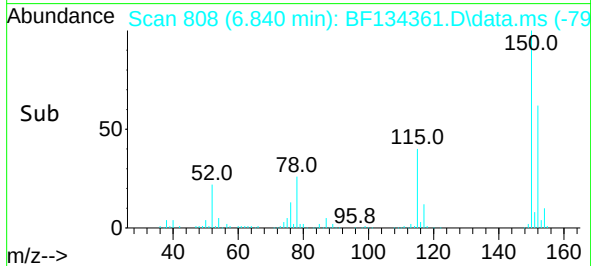


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF134361.D
 Acq: 19 Jul 2023 16:23

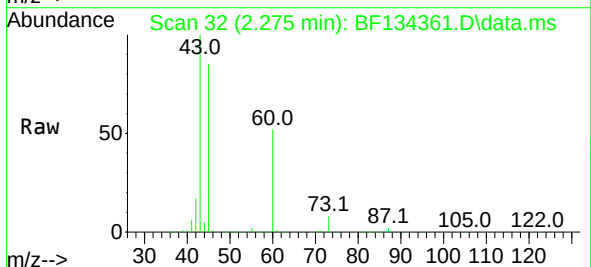
Instrument :
 BNA_F
 ClientSampleId :



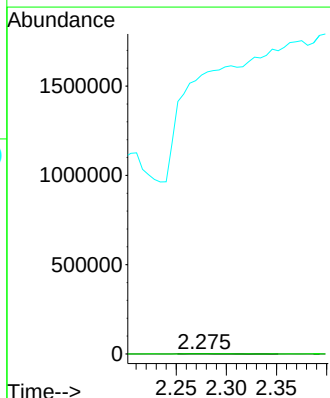
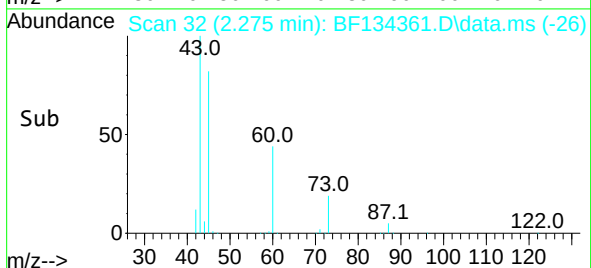
Tgt Ion:152 Resp: 71957
 Ion Ratio Lower Upper
 152 100
 150 161.6 124.5 186.7
 115 65.0 50.2 75.2

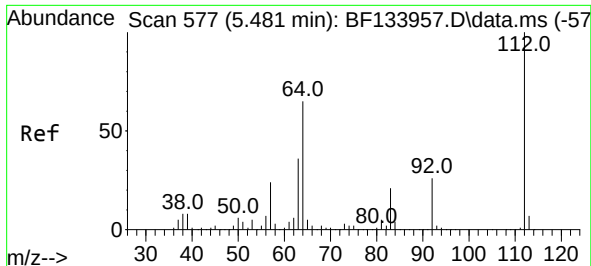


#2
 1,4-Dioxane
 Concen: 2.803 ng
 RT: 2.275 min Scan# 32
 Delta R.T. -0.317 min
 Lab File: BF134361.D
 Acq: 19 Jul 2023 16:23



Tgt Ion: 88 Resp: 4971
 Ion Ratio Lower Upper
 88 100
 58 8.2 68.8 103.2#
 43 0.0 30.7 46.1#

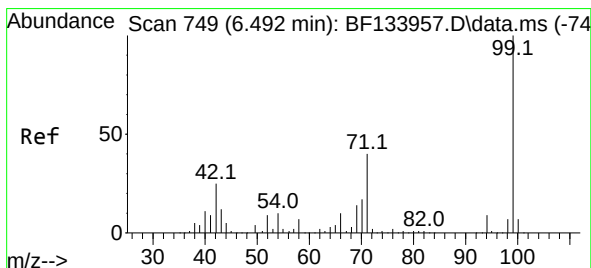
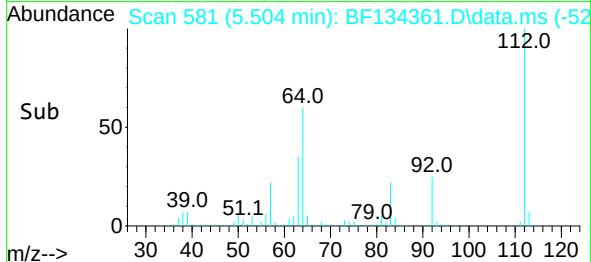
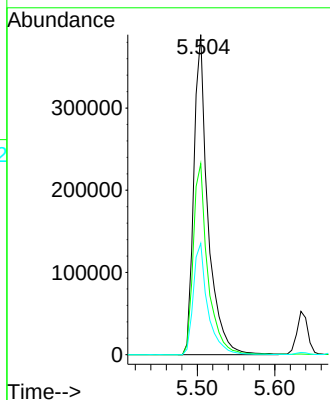
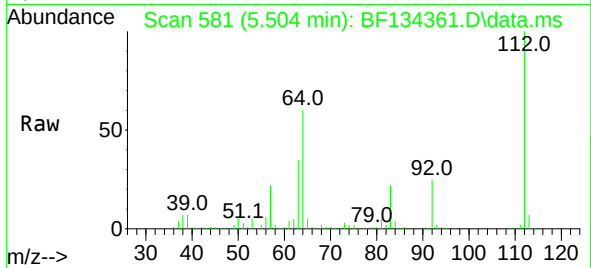




#5
2-Fluorophenol
Concen: 114.426 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.035 min
Lab File: BF134361.D
Acq: 19 Jul 2023 16:23

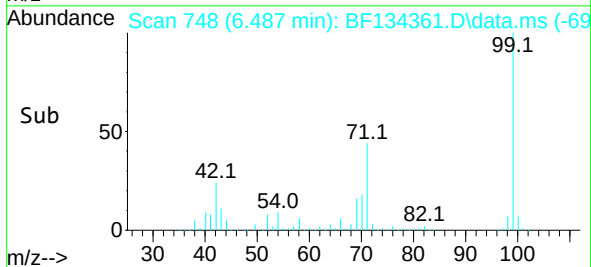
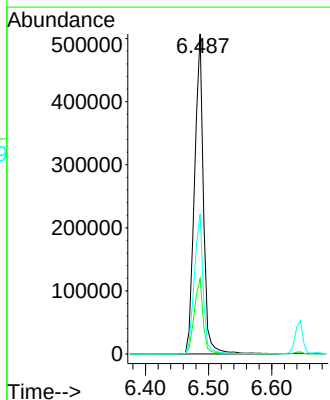
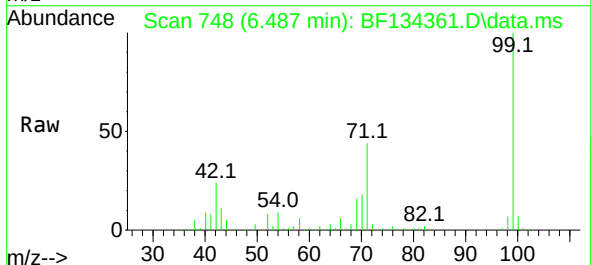
Instrument :
BNA_F
ClientSampleId :

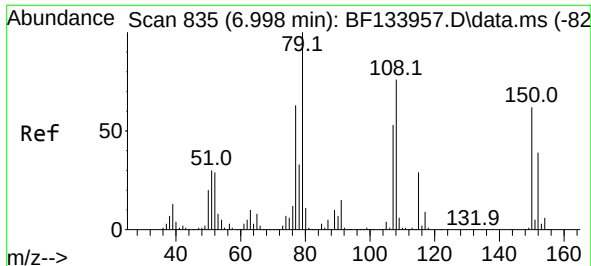
Tgt Ion:112 Resp: 492222
Ion Ratio Lower Upper
112 100
64 59.7 52.1 78.1
63 34.8 28.6 42.8



#7
Phenol-d6
Concen: 94.001 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF134361.D
Acq: 19 Jul 2023 16:23

Tgt Ion: 99 Resp: 497285
Ion Ratio Lower Upper
99 100
42 23.5 19.8 29.6
71 43.7 31.9 47.9

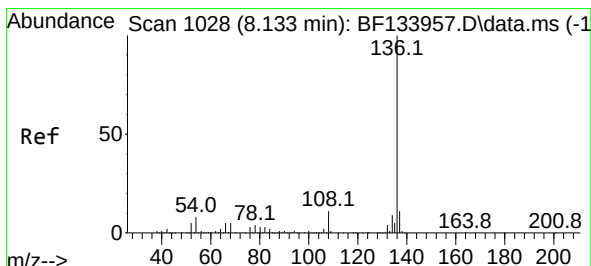
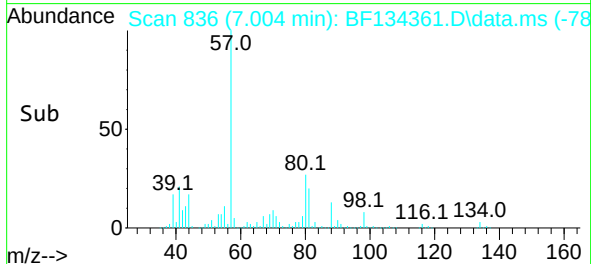
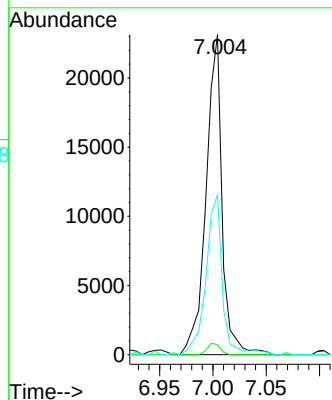
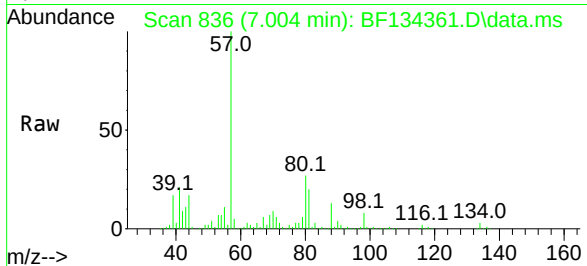




#15
Benzyl Alcohol
Concen: 5.970 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF134361.D
Acq: 19 Jul 2023 16:23

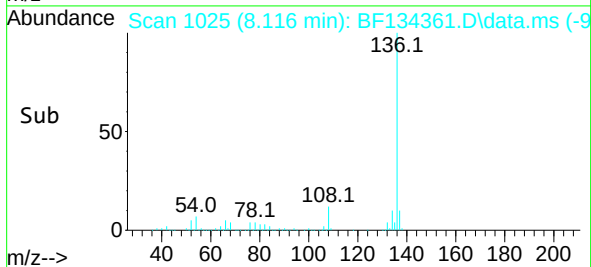
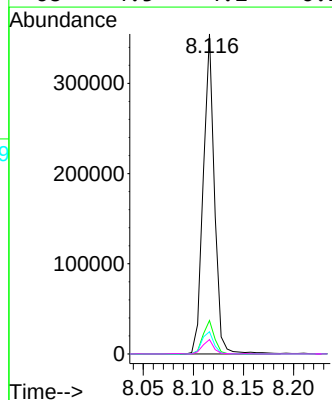
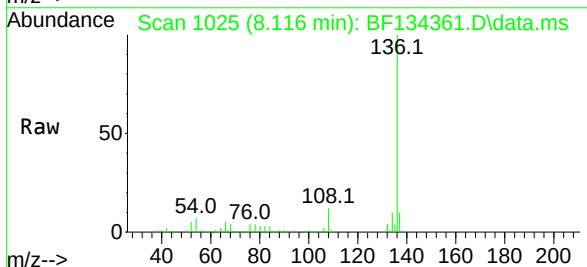
Instrument :
BNA_F
ClientSampleId :

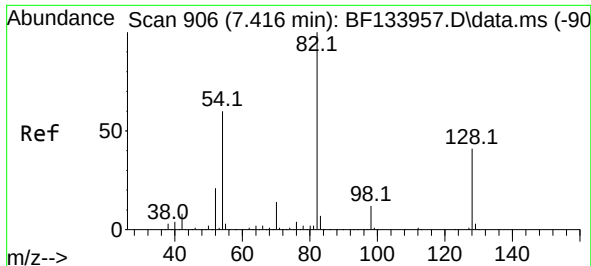
Tgt Ion: 79 Resp: 24349
Ion Ratio Lower Upper
79 100
108 3.2 60.7 91.1#
77 50.0 50.6 75.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134361.D
Acq: 19 Jul 2023 16:23

Tgt Ion: 136 Resp: 276474
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 6.9 6.5 9.7
68 4.5 4.2 6.2





#23

Nitrobenzene-d5

Concen: 87.945 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF134361.D

Acq: 19 Jul 2023 16:23

Instrument :

BNA_F

ClientSampleId :

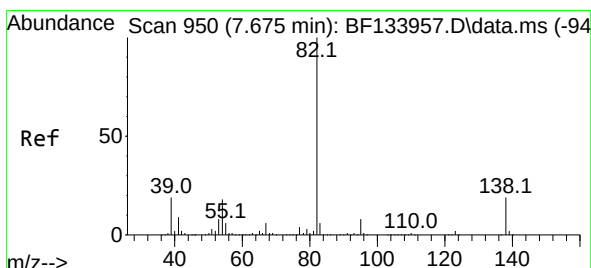
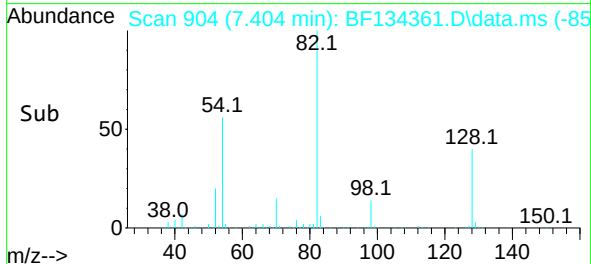
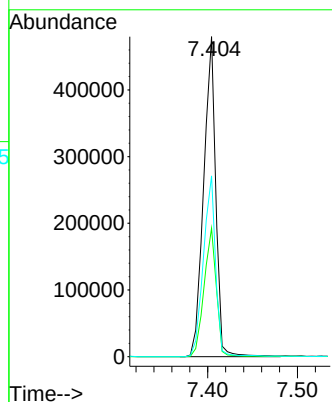
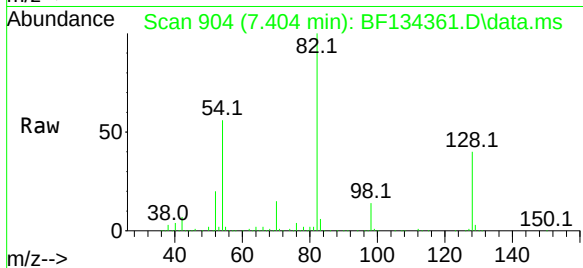
Tgt Ion: 82 Resp: 451057

Ion Ratio Lower Upper

82 100

128 40.2 32.5 48.7

54 56.5 48.2 72.2



#25

Isophorone

Concen: 48.389 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.259 min

Lab File: BF134361.D

Acq: 19 Jul 2023 16:23

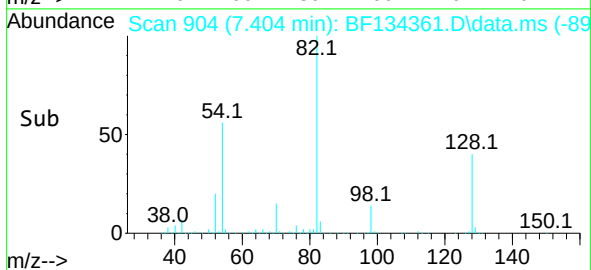
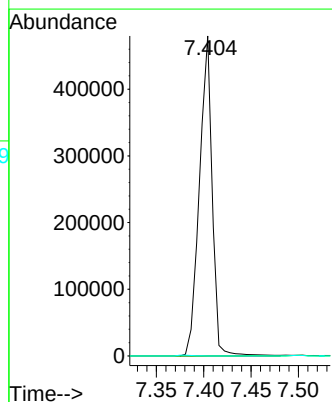
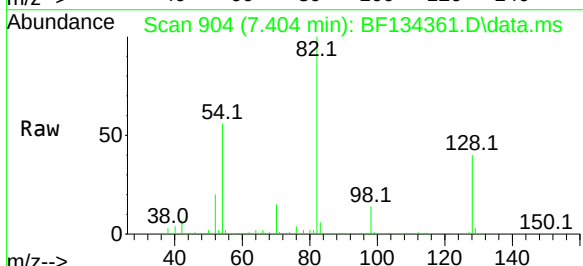
Tgt Ion: 82 Resp: 451049

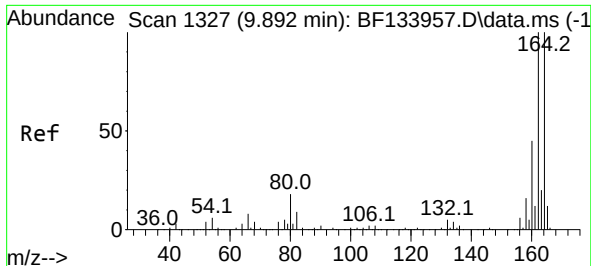
Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

138 0.0 15.2 22.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1

Delta R.T. -0.006 min

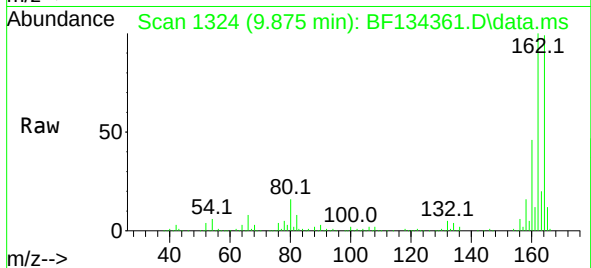
Lab File: BF134361.D

Acq: 19 Jul 2023 16:23

Instrument :

BNA_F

ClientSampleId :



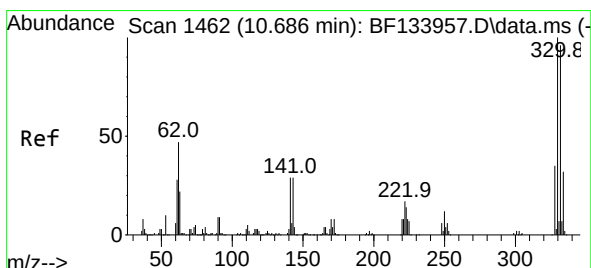
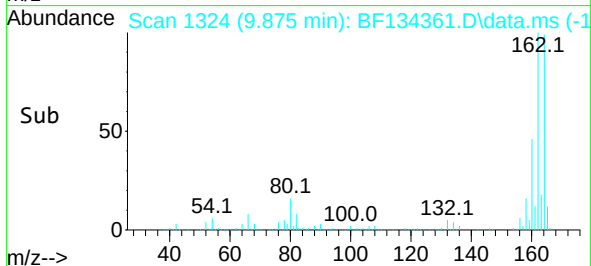
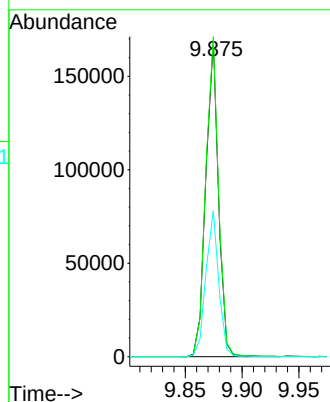
Tgt Ion:164 Resp: 130941

Ion Ratio Lower Upper

164 100

162 101.1 80.0 120.0

160 46.1 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 121.870 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.012 min

Lab File: BF134361.D

Acq: 19 Jul 2023 16:23

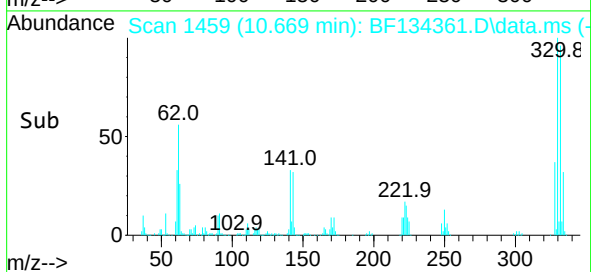
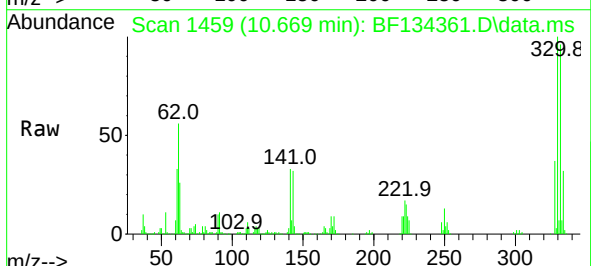
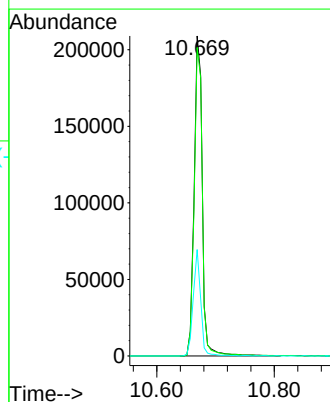
Tgt Ion:330 Resp: 200079

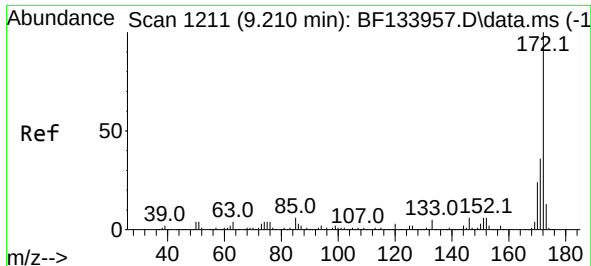
Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

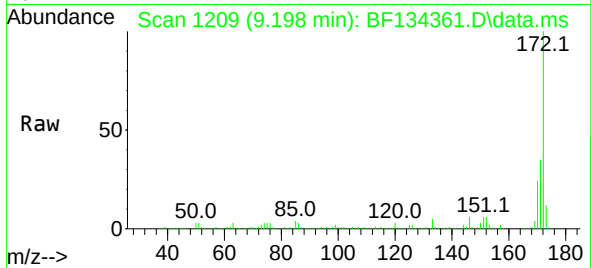
141 30.8 26.3 39.5



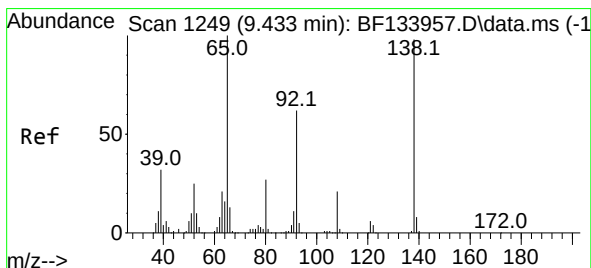
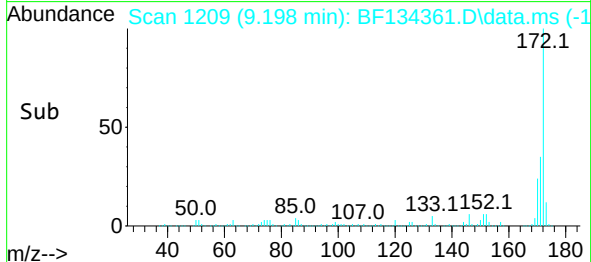
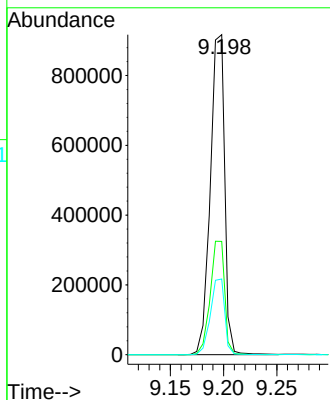


#45
2-Fluorobiphenyl
Concen: 95.860 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134361.D
Acq: 19 Jul 2023 16:23

Instrument :
BNA_F
ClientSampleId :

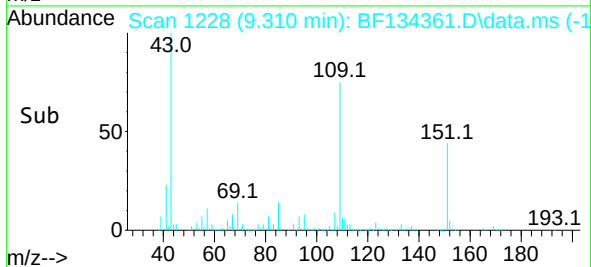
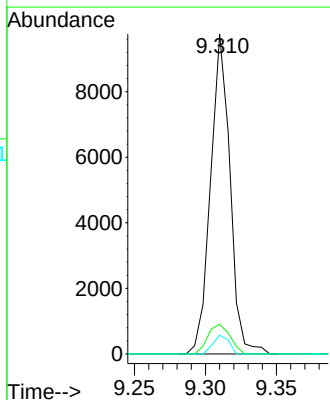
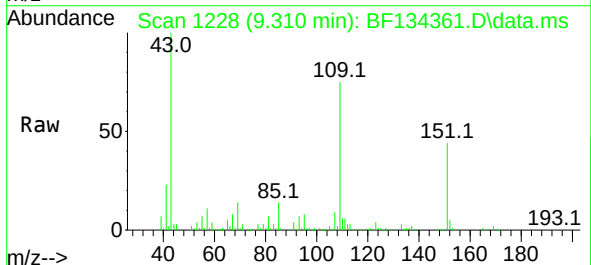


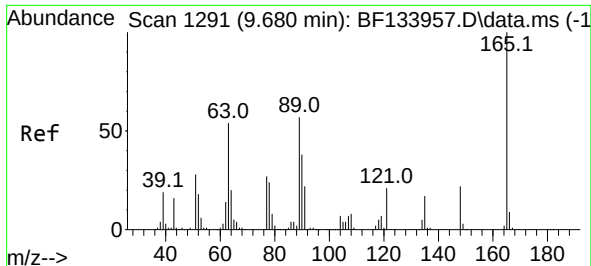
Tgt Ion:172 Resp: 863336
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.7 19.4 29.0



#48
2-Nitroaniline
Concen: 3.314 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.117 min
Lab File: BF134361.D
Acq: 19 Jul 2023 16:23

Tgt Ion: 65 Resp: 9281
Ion Ratio Lower Upper
65 100
92 9.3 49.5 74.3#
138 5.9 78.0 117.0#

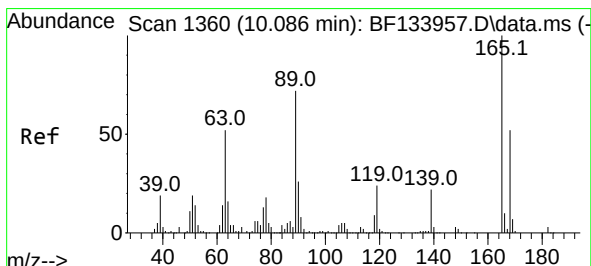
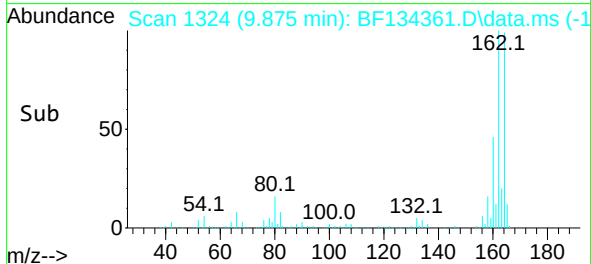
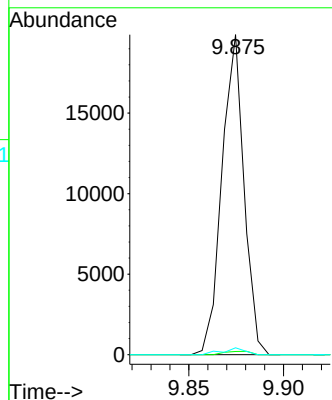
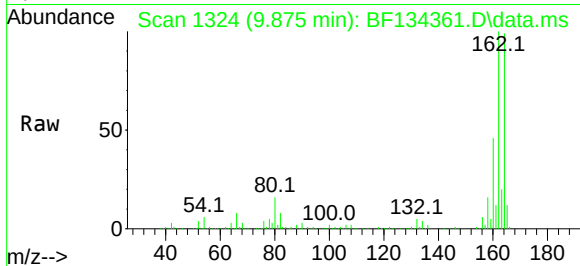




#51
2,6-Dinitrotoluene
Concen: 7.864 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134361.D
Acq: 19 Jul 2023 16:23

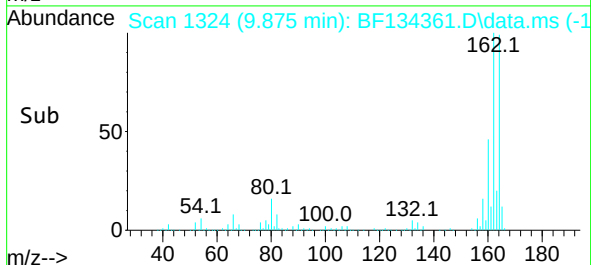
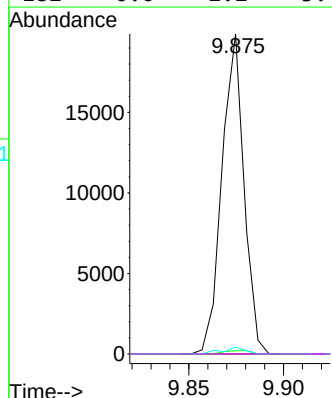
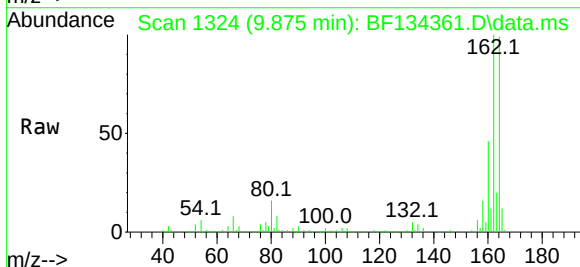
Instrument :
BNA_F
ClientSampleId :

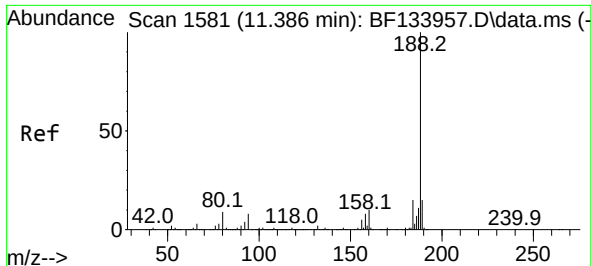
Tgt Ion:165 Resp: 16099
Ion Ratio Lower Upper
165 100
63 1.0 48.5 72.7#
89 2.1 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 5.955 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF134361.D
Acq: 19 Jul 2023 16:23

Tgt Ion:165 Resp: 16099
Ion Ratio Lower Upper
165 100
63 1.0 42.2 63.2#
89 2.1 57.4 86.2#
182 0.0 2.2 3.4#

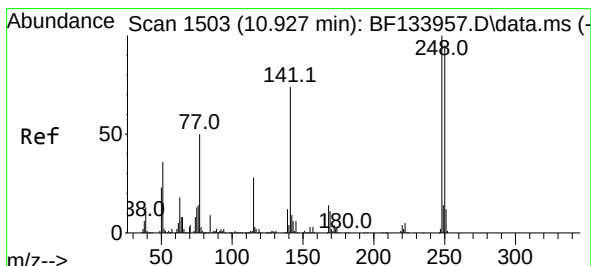
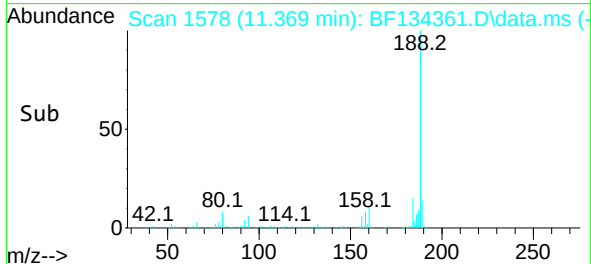
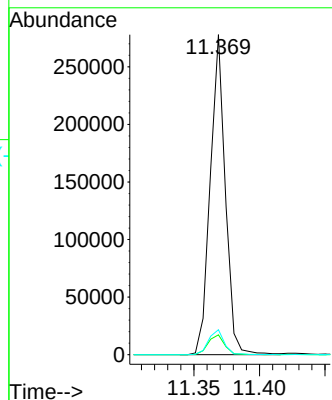
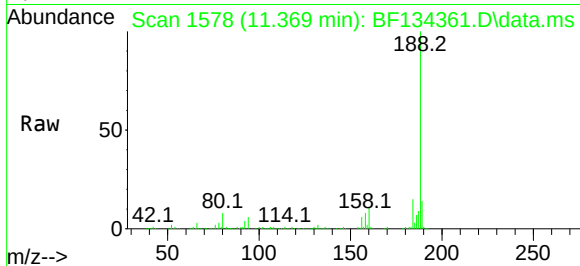




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134361.D
Acq: 19 Jul 2023 16:23

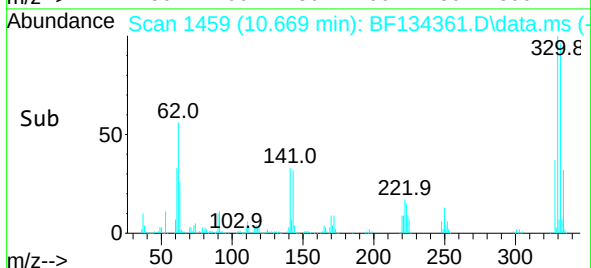
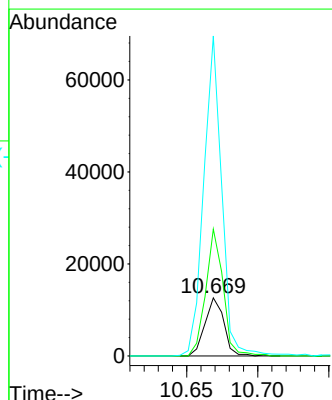
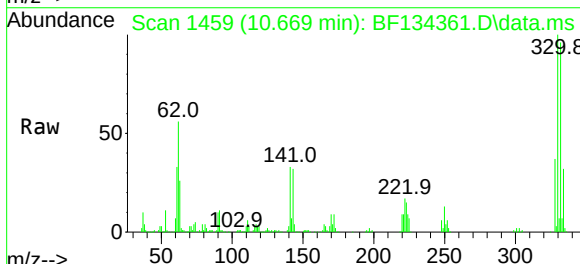
Instrument :
BNA_F
ClientSampleId :

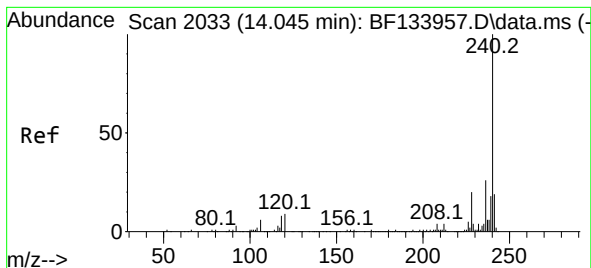
Tgt Ion:188 Resp: 222932
Ion Ratio Lower Upper
188 100
94 6.2 6.4 9.6#
80 7.8 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 4.962 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.247 min
Lab File: BF134361.D
Acq: 19 Jul 2023 16:23

Tgt Ion:248 Resp: 11758
Ion Ratio Lower Upper
248 100
250 218.5 76.2 114.4#
141 550.8 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2033

Delta R.T. -0.012 min

Lab File: BF134361.D

Acq: 19 Jul 2023 16:23

Instrument :

BNA_F

ClientSampleId :

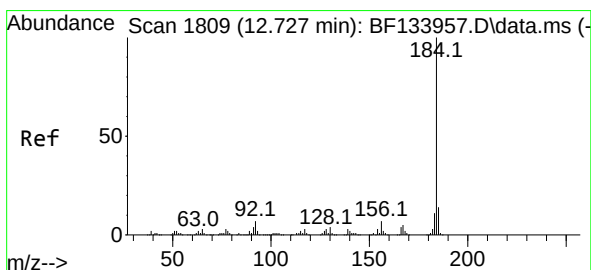
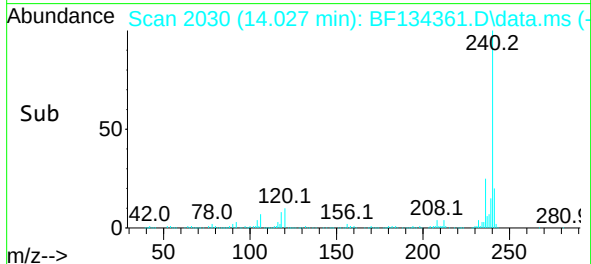
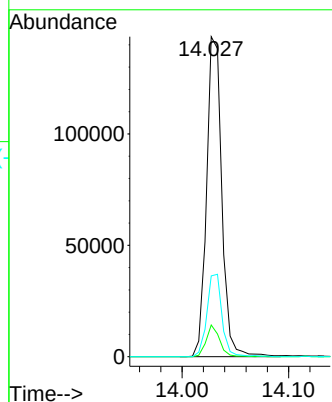
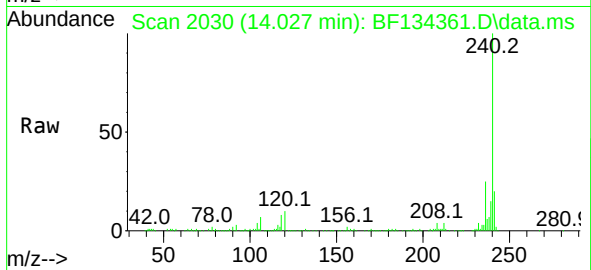
Tgt Ion:240 Resp: 143494

Ion Ratio Lower Upper

240 100

120 9.9 7.4 11.0

236 25.2 21.0 31.6



#77

Benzidine

Concen: 3.235 ng

RT: 12.969 min Scan# 1850

Delta R.T. 0.241 min

Lab File: BF134361.D

Acq: 19 Jul 2023 16:23

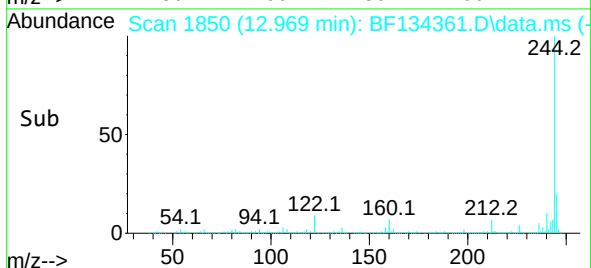
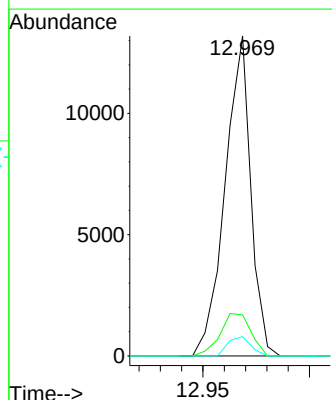
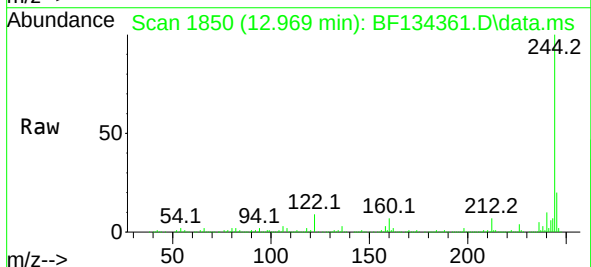
Tgt Ion:184 Resp: 11045

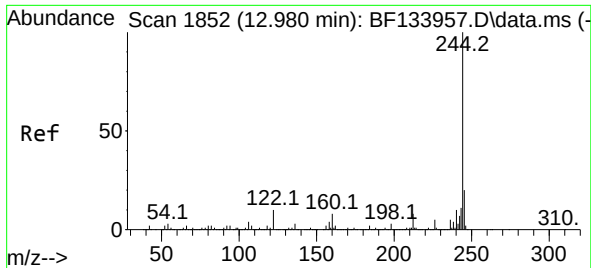
Ion Ratio Lower Upper

184 100

185 12.9 11.6 17.4

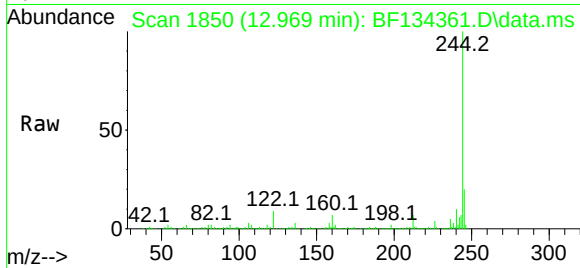
183 6.0 8.8 13.2#



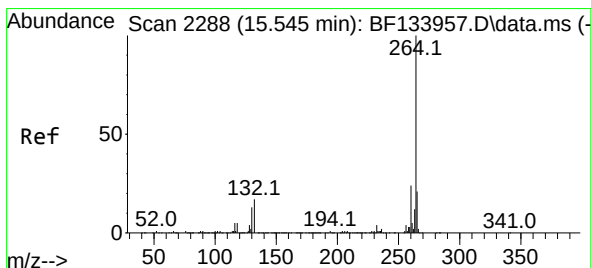
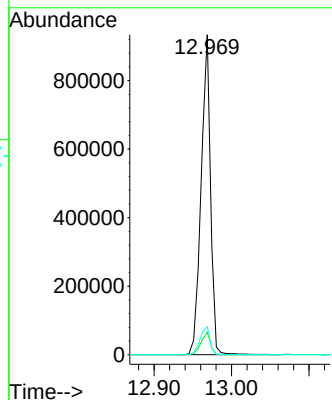
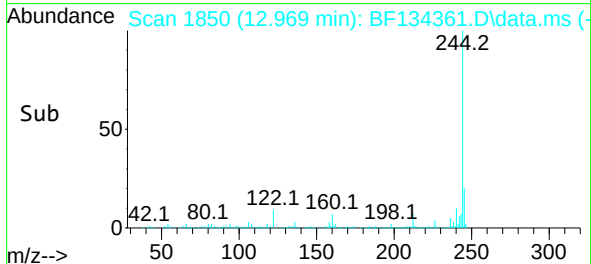


#79
 Terphenyl-d14
 Concen: 88.321 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF134361.D
 Acq: 19 Jul 2023 16:23

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 787464
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF134361.D
 Acq: 19 Jul 2023 16:23

Tgt Ion:264 Resp: 119449
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.2 16.6 25.0

