

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081422\
 Data File : BF129769.D
 Acq On : 14 Aug 2022 18:49
 Operator : CG\JU
 Sample : PB146938BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146938BL

Quant Time: Aug 15 02:57:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

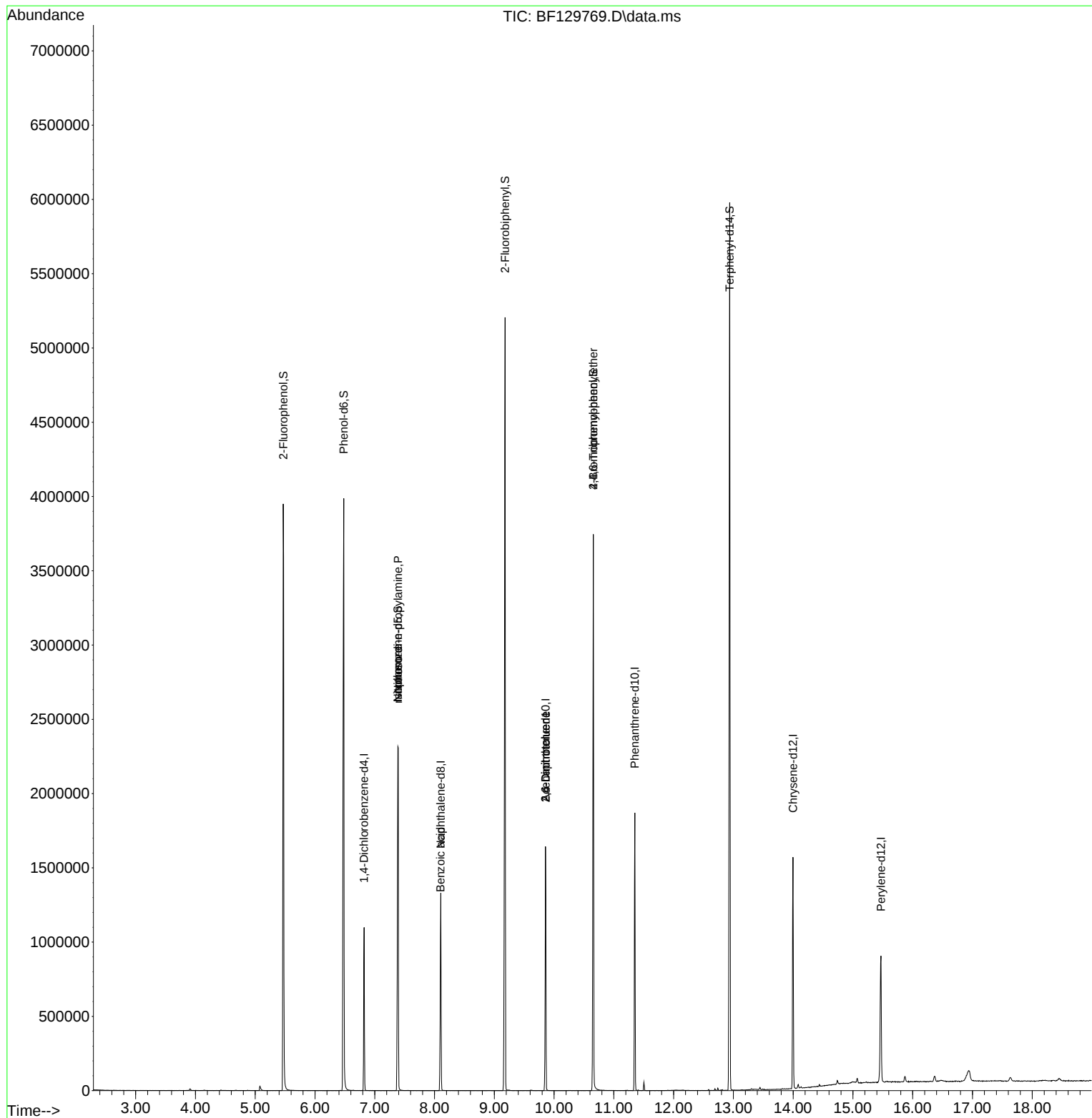
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	154403	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	626717	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	347484	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	627167	20.000	ng	0.00
76) Chrysene-d12	13.998	240	497767	20.000	ng	0.00
86) Perylene-d12	15.468	264	390145	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1151729	123.503	ng	0.00
7) Phenol-d6	6.481	99	1433595	122.758	ng	0.00
23) Nitrobenzene-d5	7.387	82	923120	78.849	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	437314	125.394	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1777007	77.671	ng	0.00
79) Terphenyl-d14	12.939	244	2159591	72.191	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	2324	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.392	70	123463	16.726	ng	# 73
25) Isophorone	7.387	82	923112	45.812	ng	# 65
32) Benzoic acid	8.098	122	128	2.194	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	45691	8.456	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	45691	6.514	ng	# 18
67) 4-Bromophenyl-phenylether	10.657	248	27830	3.789	ng	# 1
77) Benzidine	12.692	184	5668	Below Cal		98

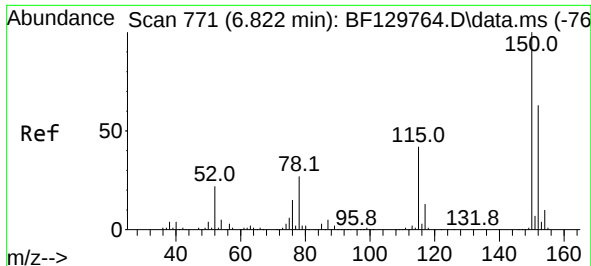
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081422\
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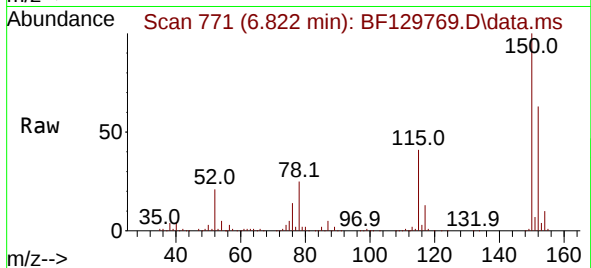
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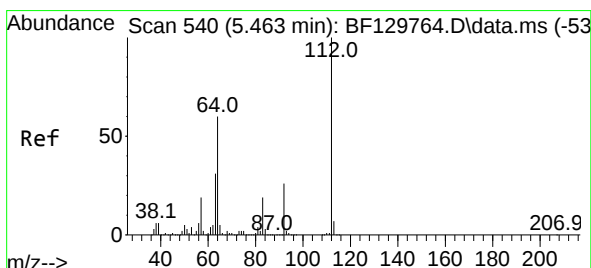
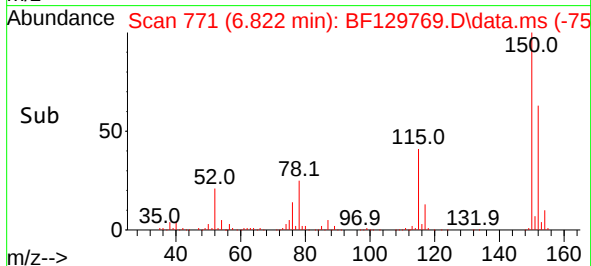
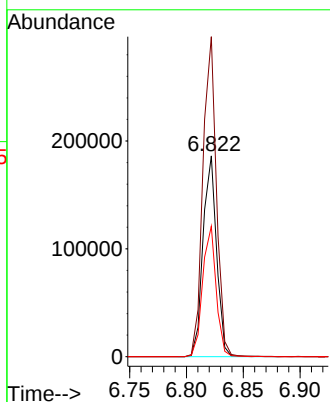


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129769.D
Acq: 14 Aug 2022 18:49

Instrument :
BNA_F
ClientSampleId :
PB146938BL

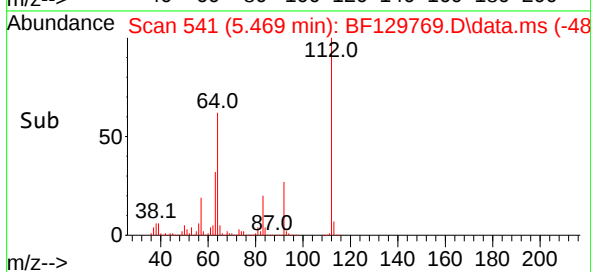
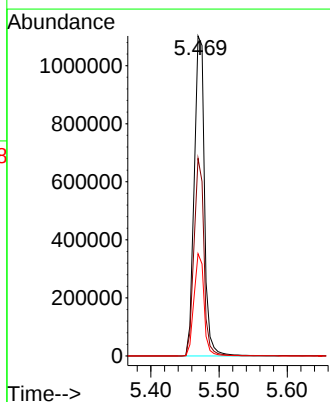
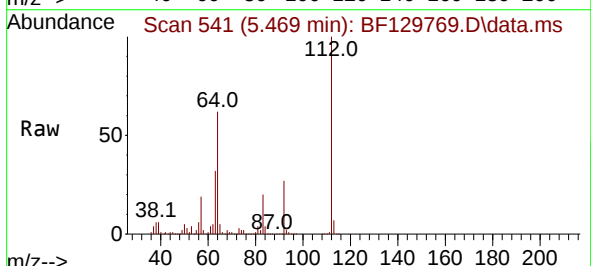


Tgt Ion:152 Resp: 154403
Ion Ratio Lower Upper
152 100
150 159.3 126.9 190.3
115 65.0 53.4 80.0



#5
2-Fluorophenol
Concen: 123.503 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.006 min
Lab File: BF129769.D
Acq: 14 Aug 2022 18:49

Tgt Ion:112 Resp: 1151729
Ion Ratio Lower Upper
112 100
64 61.7 47.6 71.4
63 31.9 24.6 37.0

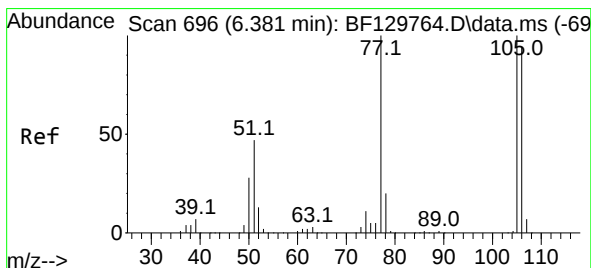
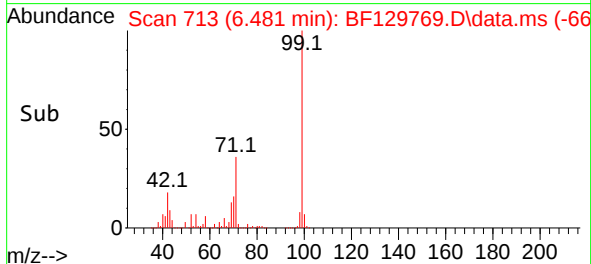
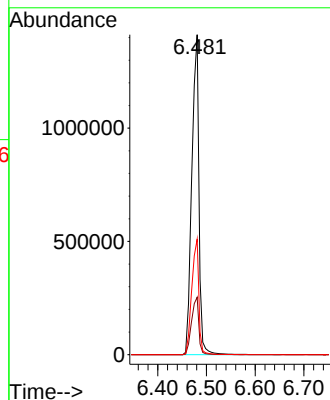
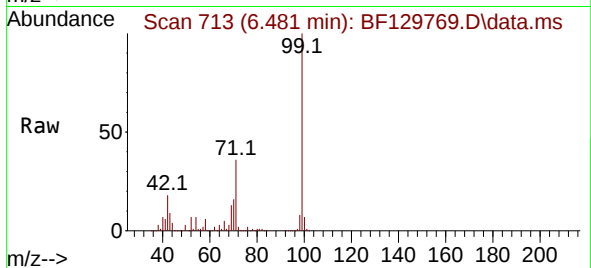




#7
Phenol-d6
Concen: 122.758 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF129769.D
Acq: 14 Aug 2022 18:49

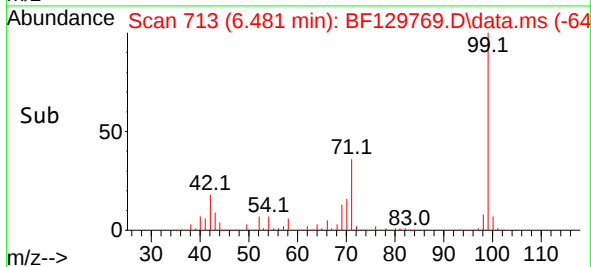
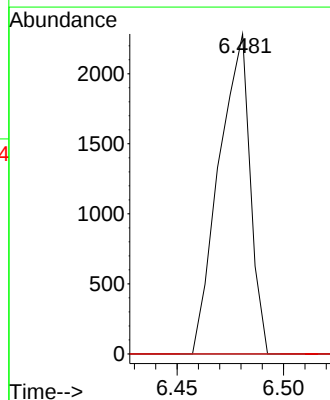
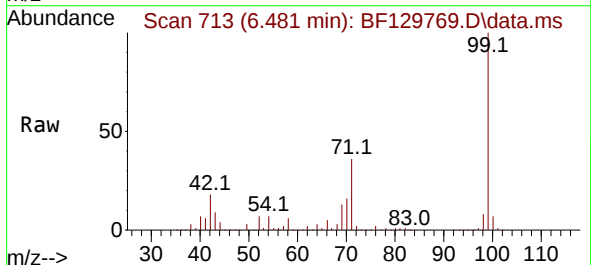
Instrument :
BNA_F
ClientSampleId :
PB146938BL

Tgt Ion: 99 Resp: 1433595
Ion Ratio Lower Upper
99 100
42 18.0 15.0 22.4
71 36.1 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.100 min
Lab File: BF129769.D
Acq: 14 Aug 2022 18:49

Tgt Ion: 77 Resp: 2324
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

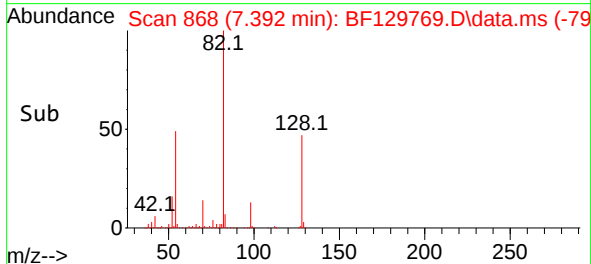
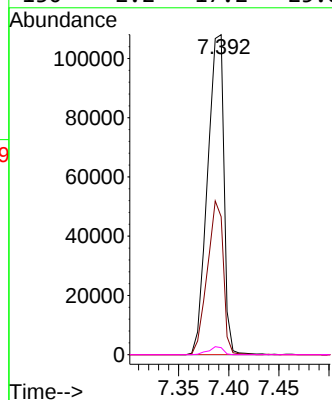
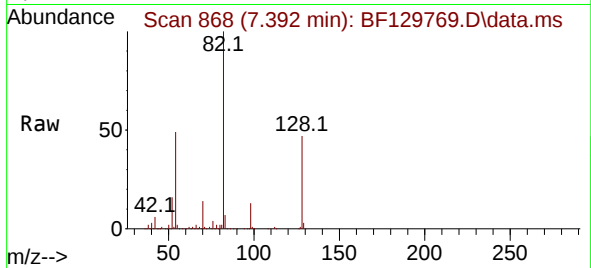




#19
n-Nitroso-di-n-propylamine
Concen: 16.726 ng
RT: 7.392 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129769.D
Acq: 14 Aug 2022 18:49

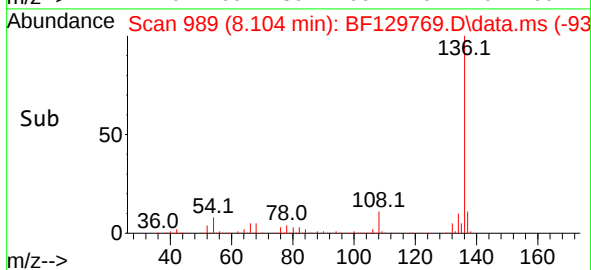
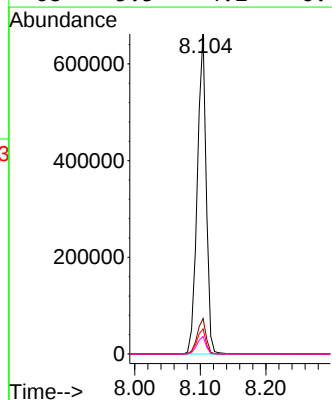
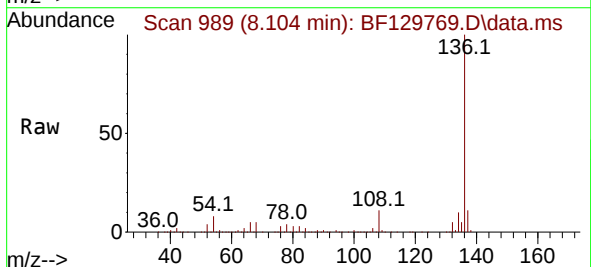
Instrument :
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ClientSampleId :
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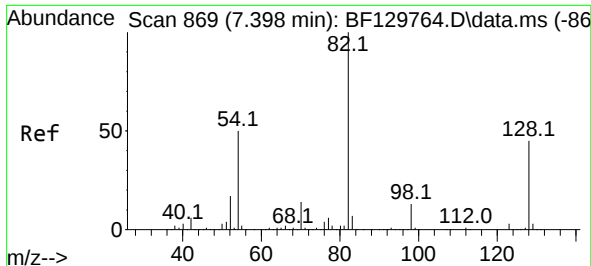
Tgt Ion: 70 Resp: 123463
Ion Ratio Lower Upper
70 100
42 43.1 47.6 71.4#
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129769.D
Acq: 14 Aug 2022 18:49

Tgt Ion: 136 Resp: 626717
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.9 6.2 9.2
68 5.5 4.2 6.4

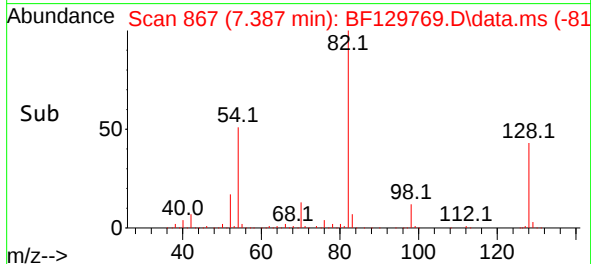
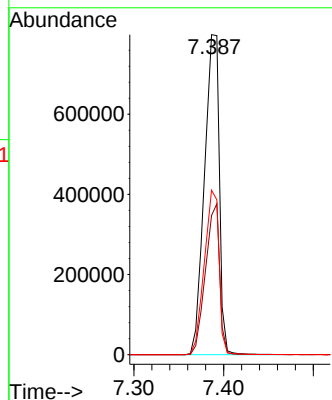
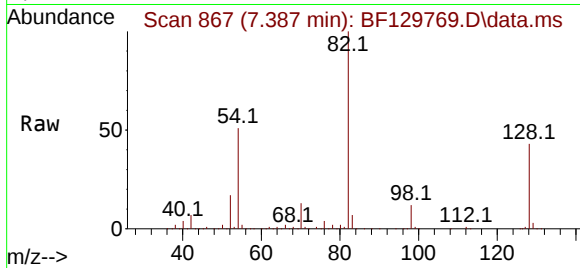




#23
Nitrobenzene-d5
Concen: 78.849 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129769.D
Acq: 14 Aug 2022 18:49

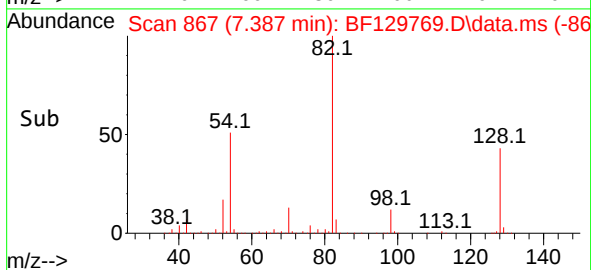
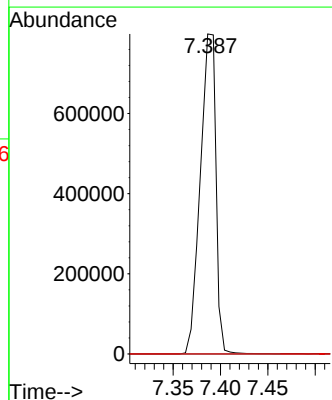
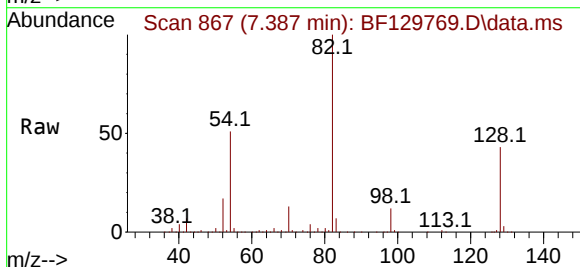
Instrument :
BNA_F
ClientSampleId :
PB146938BL

Tgt Ion: 82 Resp: 923120
Ion Ratio Lower Upper
82 100
128 43.5 36.1 54.1
54 51.4 40.0 60.0



#25
Isophorone
Concen: 45.812 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.265 min
Lab File: BF129769.D
Acq: 14 Aug 2022 18:49

Tgt Ion: 82 Resp: 923112
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

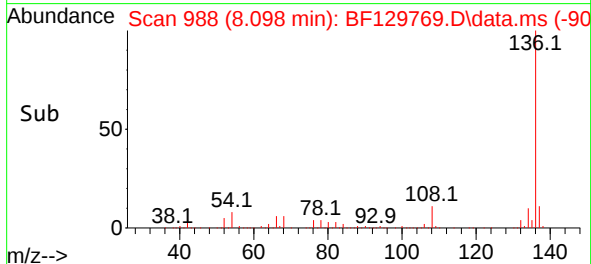
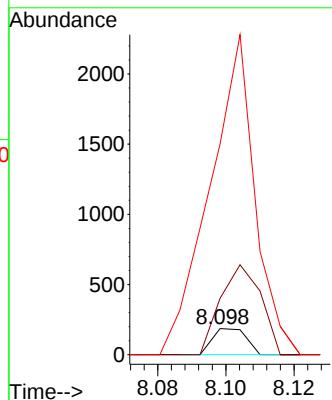
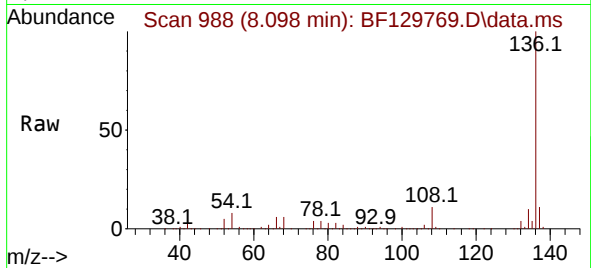




#32
Benzoic acid
Concen: 2.194 ng
RT: 8.098 min Scan# 91
Delta R.T. 0.182 min
Lab File: BF129769.D
Acq: 14 Aug 2022 18:49

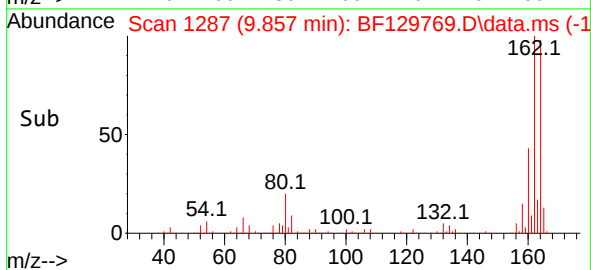
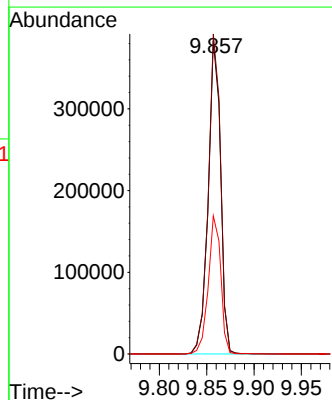
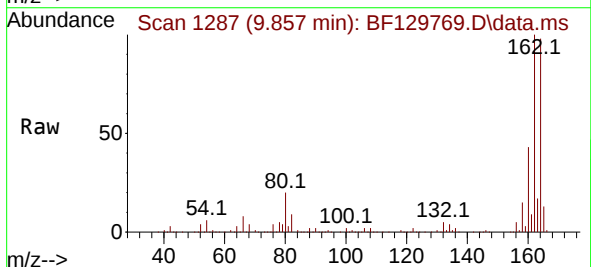
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ClientSampleId :
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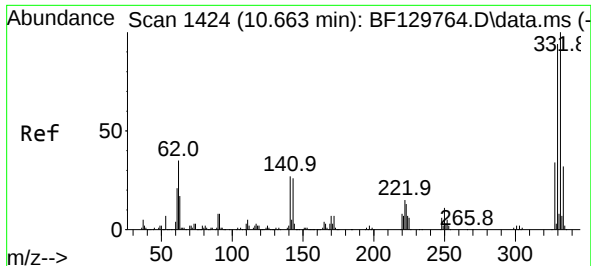
Tgt Ion:122 Resp: 128
Ion Ratio Lower Upper
122 100
105 216.1 99.9 139.9#
77 806.5 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129769.D
Acq: 14 Aug 2022 18:49

Tgt Ion:164 Resp: 347484
Ion Ratio Lower Upper
164 100
162 102.3 82.0 123.0
160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 125.394 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF129769.D

Acq: 14 Aug 2022 18:49

Instrument :

BNA_F

ClientSampleId :

PB146938BL

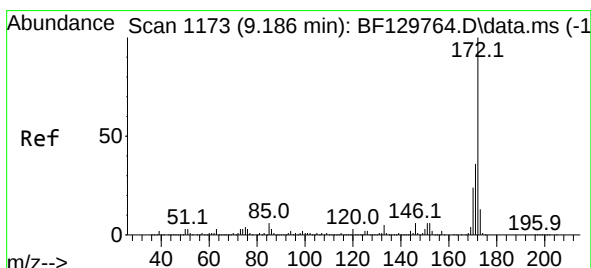
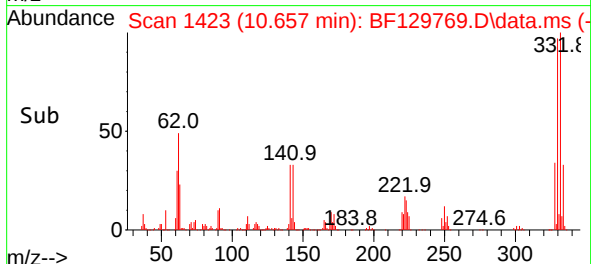
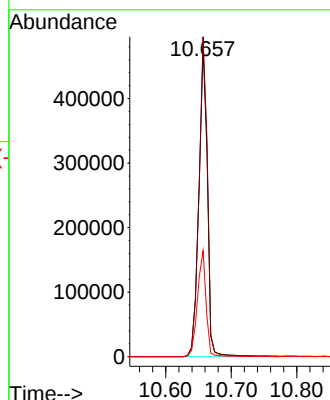
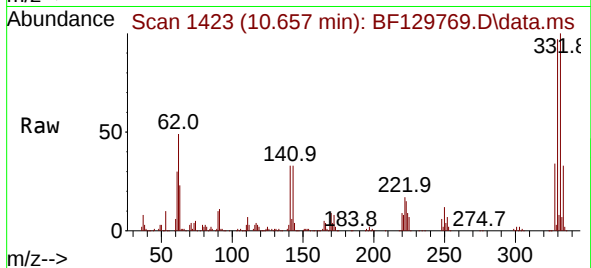
Tgt Ion:330 Resp: 437314

Ion Ratio Lower Upper

330 100

332 102.2 82.6 124.0

141 34.4 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 77.671 ng

RT: 9.181 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF129769.D

Acq: 14 Aug 2022 18:49

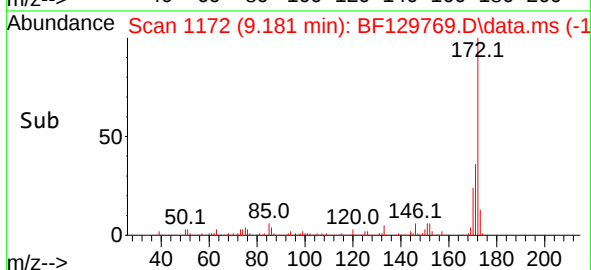
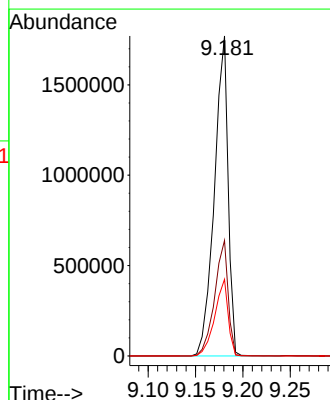
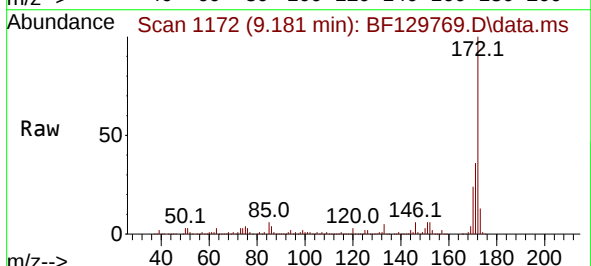
Tgt Ion:172 Resp: 1777007

Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 23.9 19.1 28.7

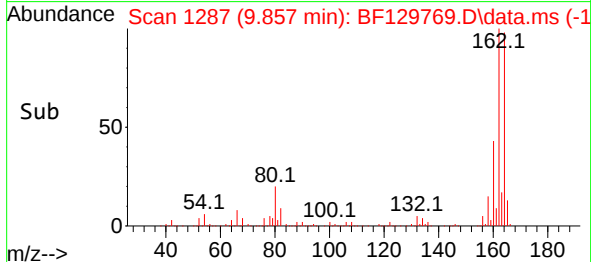
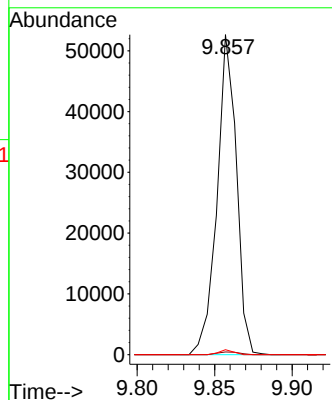
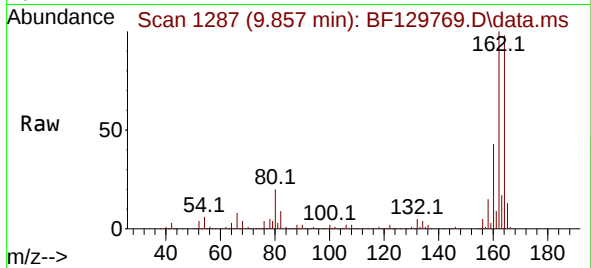




#51
2,6-Dinitrotoluene
Concen: 8.456 ng
RT: 9.857 min Scan# 1287
Delta R.T. 0.200 min
Lab File: BF129769.D
Acq: 14 Aug 2022 18:49

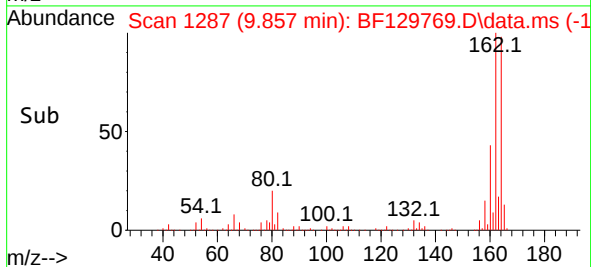
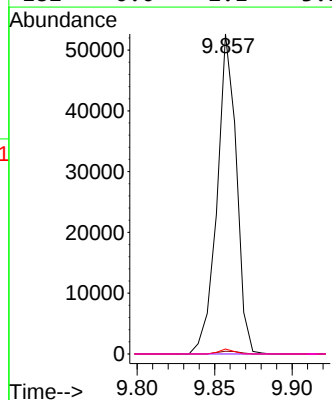
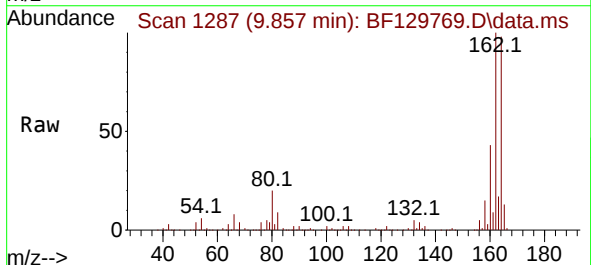
Instrument :
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Tgt Ion:165 Resp: 45691
Ion Ratio Lower Upper
165 100
63 0.8 47.8 71.8#
89 1.6 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.514 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.212 min
Lab File: BF129769.D
Acq: 14 Aug 2022 18:49

Tgt Ion:165 Resp: 45691
Ion Ratio Lower Upper
165 100
63 0.8 48.4 72.6#
89 1.6 62.3 93.5#
182 0.0 2.1 3.1#

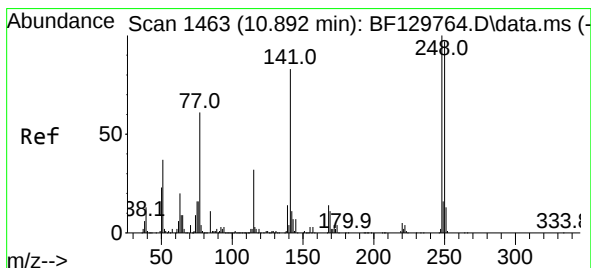
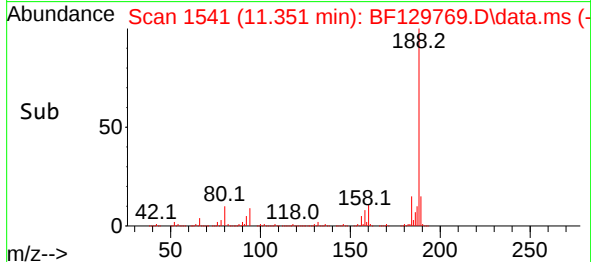
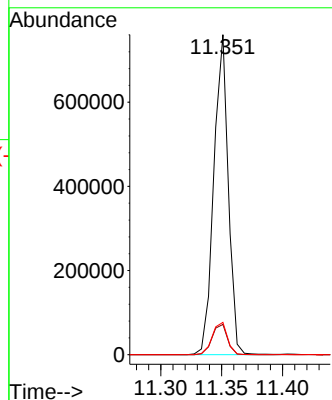
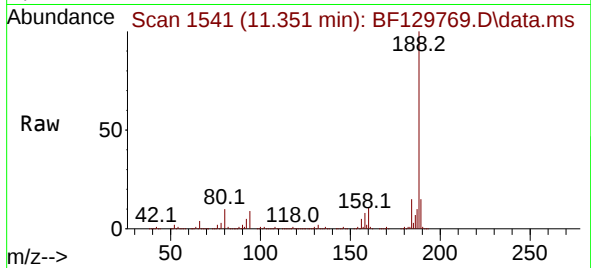




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129769.D
Acq: 14 Aug 2022 18:49

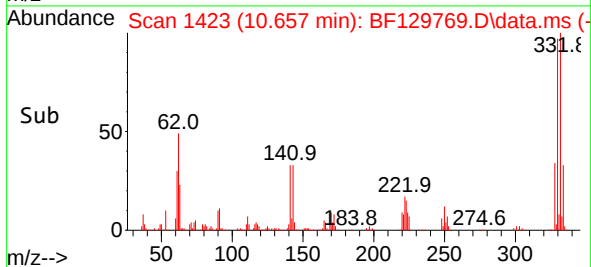
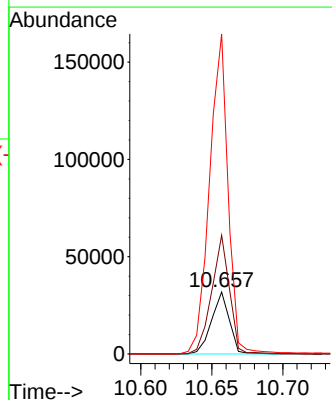
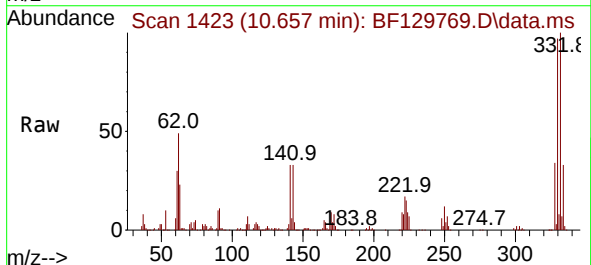
Instrument :
BNA_F
ClientSampleId :
PB146938BL

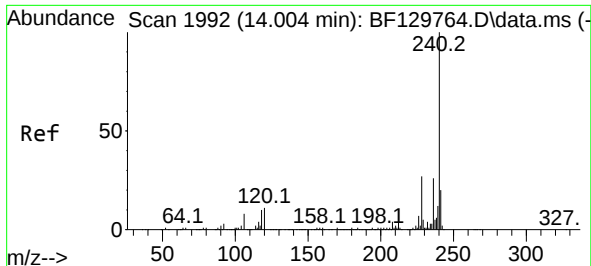
Tgt Ion:188 Resp: 627167
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.1 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.789 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.235 min
Lab File: BF129769.D
Acq: 14 Aug 2022 18:49

Tgt Ion:248 Resp: 27830
Ion Ratio Lower Upper
248 100
250 191.8 77.8 116.6#
141 517.1 66.2 99.2#

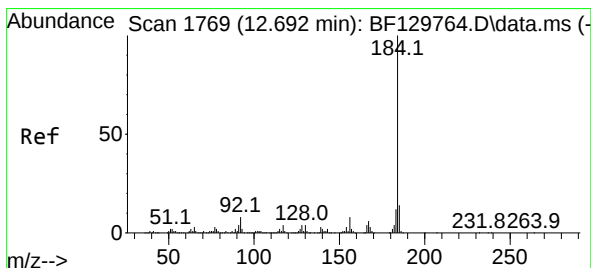
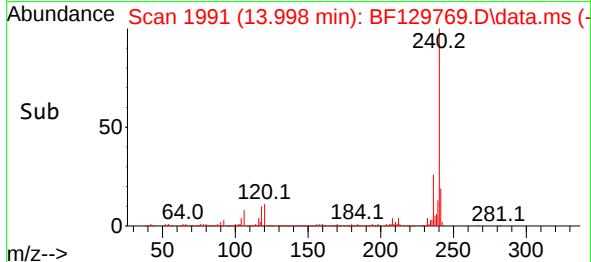
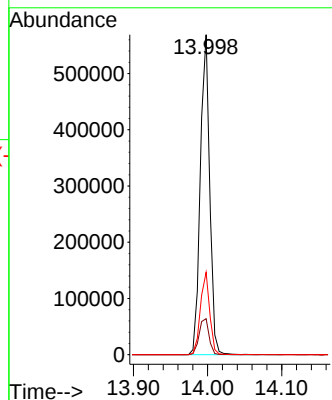
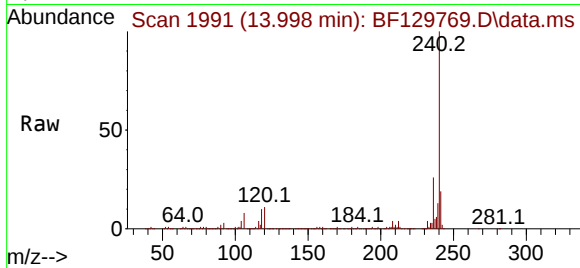




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF129769.D
Acq: 14 Aug 2022 18:49

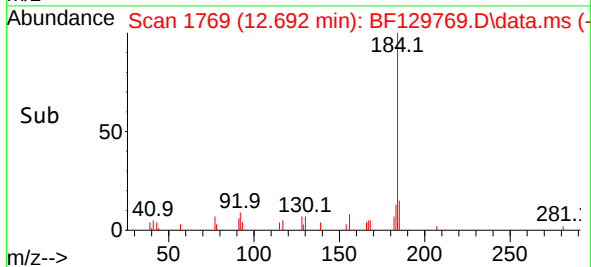
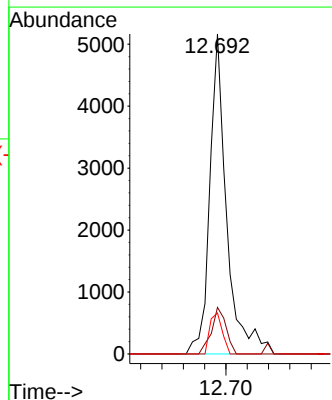
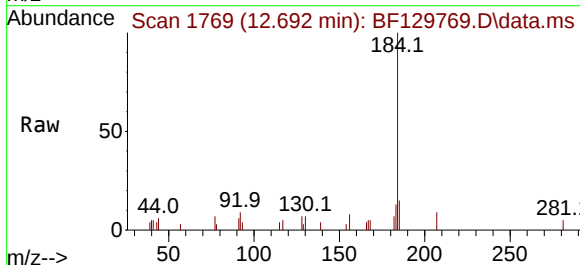
Instrument :
BNA_F
ClientSampleId :
PB146938BL

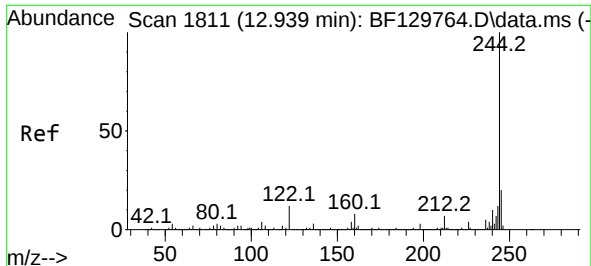
Tgt Ion:240 Resp: 497767
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.8 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.692 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BF129769.D
Acq: 14 Aug 2022 18:49

Tgt Ion:184 Resp: 5668
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 12.8 9.4 14.2

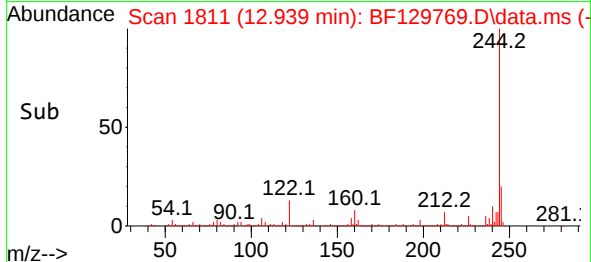
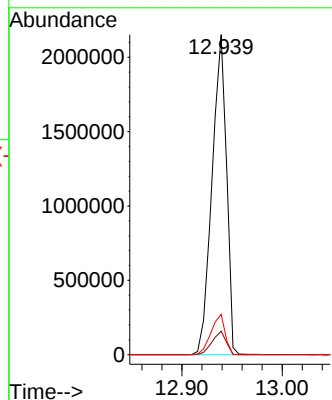
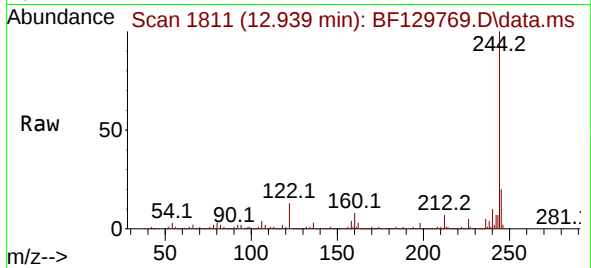




#79
 Terphenyl-d14
 Concen: 72.191 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.000 min
 Lab File: BF129769.D
 Acq: 14 Aug 2022 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB146938BL

Tgt Ion:244 Resp: 2159591
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 12.6 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: BF129769.D
 Acq: 14 Aug 2022 18:49

Tgt Ion:264 Resp: 390145
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 20.9 16.7 25.1

