

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129853.D
 Acq On : 17 Aug 2022 20:10
 Operator : CG\JU
 Sample : N4188-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8

Quant Time: Aug 18 05:35:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 05:28:24 2022
 Response via : Initial Calibration

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

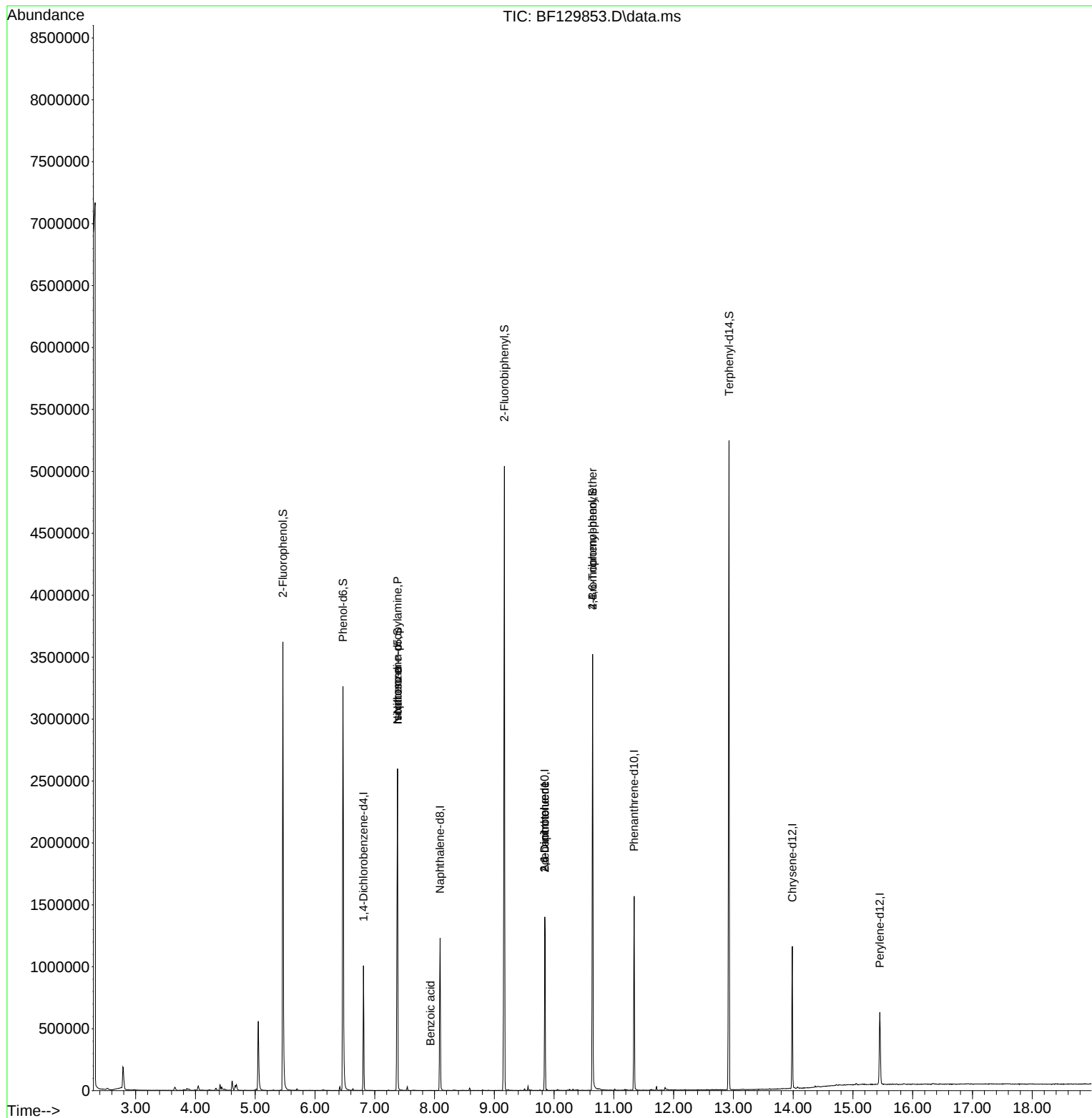
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	132105	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	541789	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	295663	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	521029	20.000	ng	0.00
76) Chrysene-d12	13.986	240	352087	20.000	ng	0.00
86) Perylene-d12	15.451	264	261661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	973827	122.052	ng	0.01
7) Phenol-d6	6.469	99	1131280	113.222	ng	0.00
23) Nitrobenzene-d5	7.381	82	852037	84.186	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	412460	138.996	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1569365	80.617	ng	0.00
79) Terphenyl-d14	12.927	244	1725519	81.547	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	58	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.381	70	113515	17.974	ng	# 76
25) Isophorone	7.381	82	852028	48.912	ng	# 65
32) Benzoic acid	7.934	122	142	2.207	ng	# 67
51) 2,6-Dinitrotoluene	9.845	165	38206	8.310	ng	# 23
57) 2,4-Dinitrotoluene	9.845	165	38206	6.401	ng	# 18
67) 4-Bromophenyl-phenylether	10.645	248	24982	4.094	ng	# 1
77) Benzidine	12.927	184	23331	Below Cal	#	92

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

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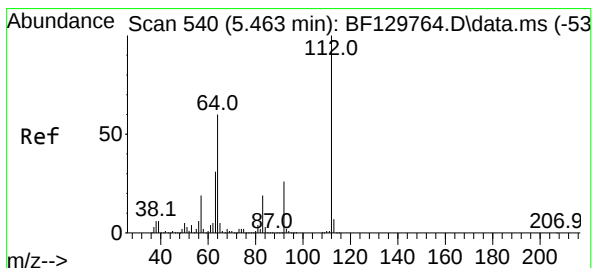
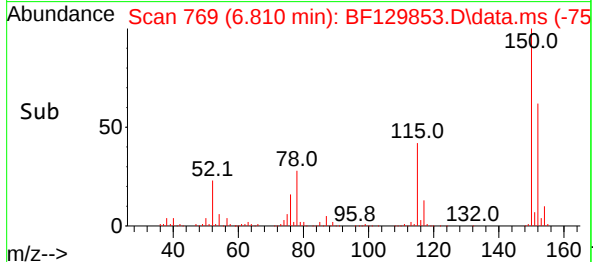
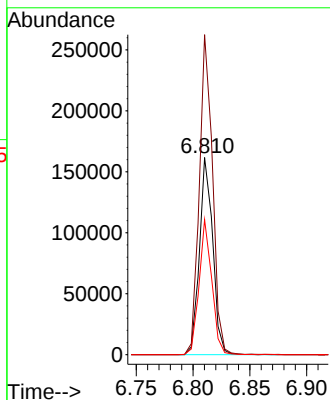
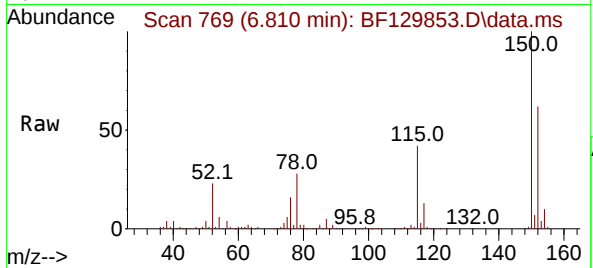




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF129853.D
Acq: 17 Aug 2022 20:10

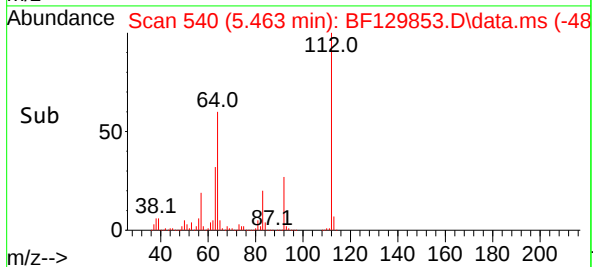
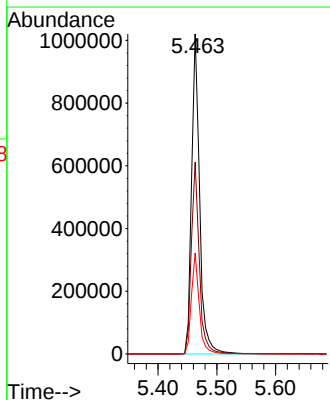
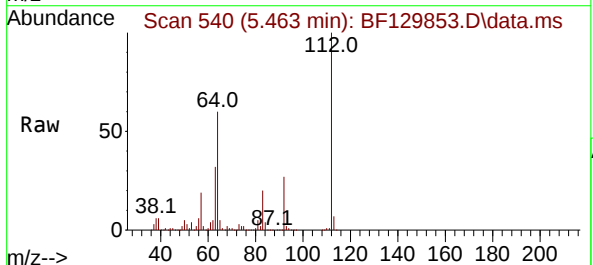
Instrument :
BNA_F
ClientSampleId :
S8

Tgt Ion:152 Resp: 132105
Ion Ratio Lower Upper
152 100
150 162.3 126.9 190.3
115 68.5 53.4 80.0



#5
2-Fluorophenol
Concen: 122.052 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.012 min
Lab File: BF129853.D
Acq: 17 Aug 2022 20:10

Tgt Ion:112 Resp: 973827
Ion Ratio Lower Upper
112 100
64 60.0 47.6 71.4
63 31.5 24.6 37.0

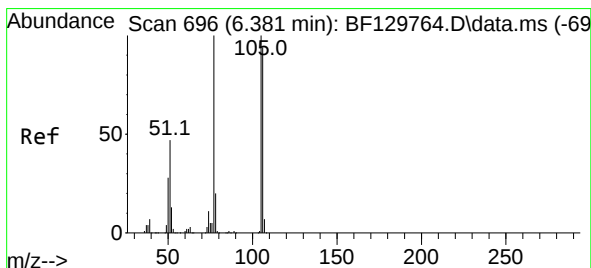
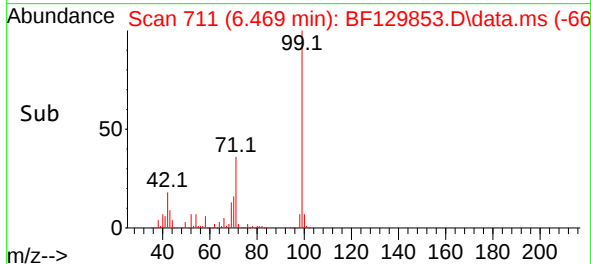
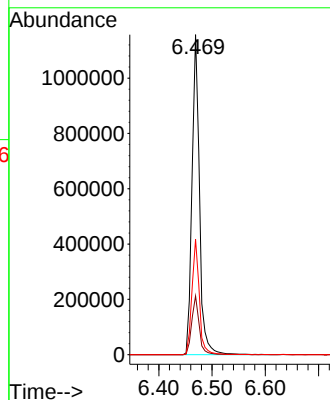
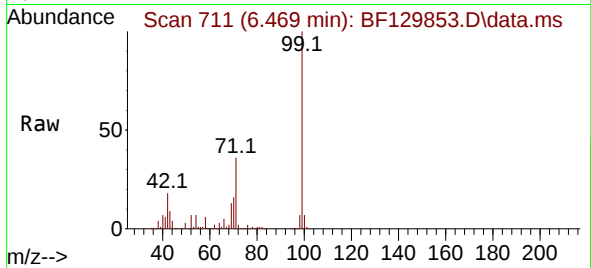




#7
Phenol-d6
Concen: 113.222 ng
RT: 6.469 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF129853.D
Acq: 17 Aug 2022 20:10

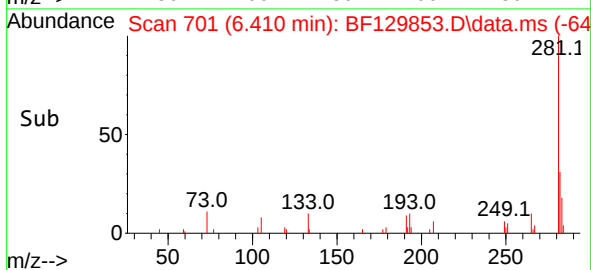
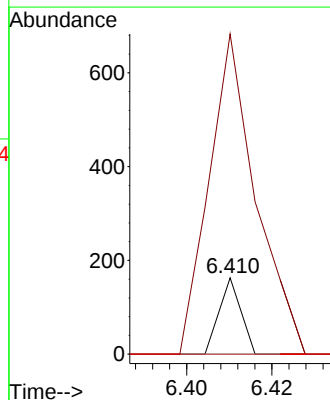
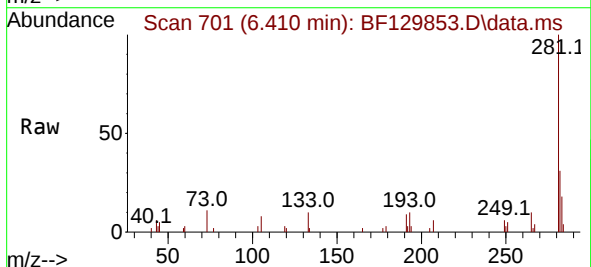
Instrument :
BNA_F
ClientSampleId :
S8

Tgt Ion: 99 Resp: 1131280
Ion Ratio Lower Upper
99 100
42 18.4 15.0 22.4
71 36.0 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.410 min Scan# 701
Delta R.T. 0.041 min
Lab File: BF129853.D
Acq: 17 Aug 2022 20:10

Tgt Ion: 77 Resp: 58
Ion Ratio Lower Upper
77 100
105 419.0 80.3 120.3#
106 0.0 74.3 114.3#

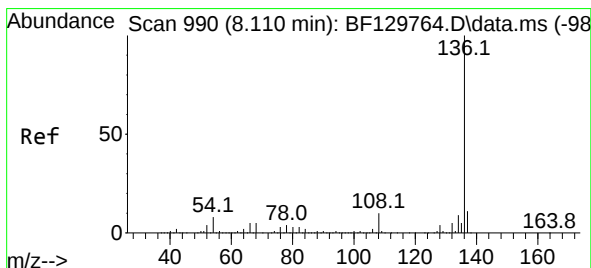
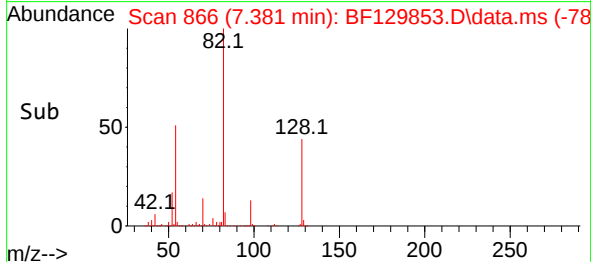
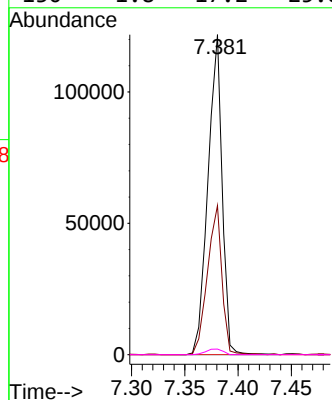
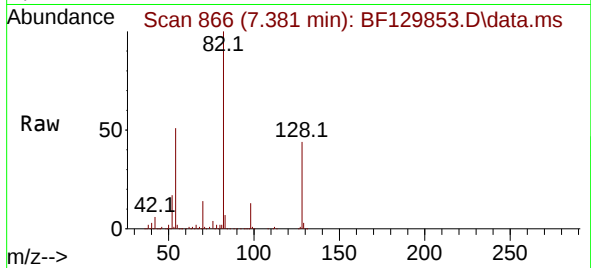




#19
n-Nitroso-di-n-propylamine
Concen: 17.974 ng
RT: 7.381 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129853.D
Acq: 17 Aug 2022 20:10

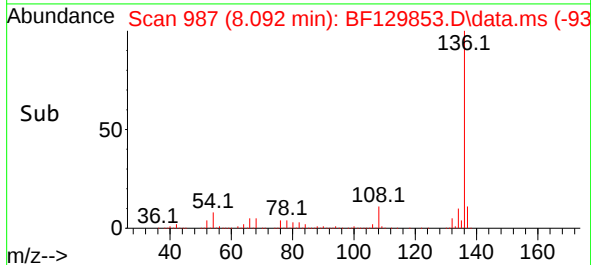
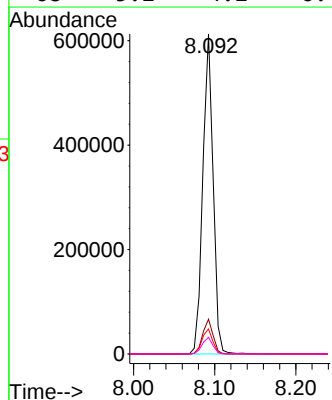
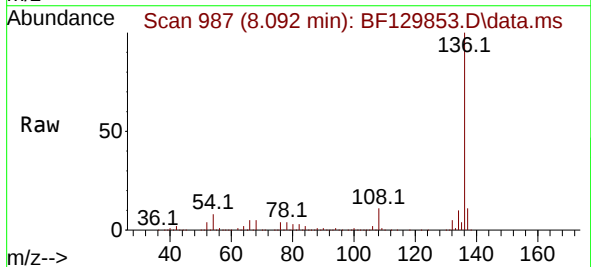
Instrument :
BNA_F
ClientSampleId :
S8

Tgt Ion: 70 Resp: 113515
Ion Ratio Lower Upper
70 100
42 46.6 47.6 71.4#
101 0.0 8.1 12.1#
130 1.8 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF129853.D
Acq: 17 Aug 2022 20:10

Tgt Ion: 136 Resp: 541789
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.8 6.2 9.2
68 5.2 4.2 6.4

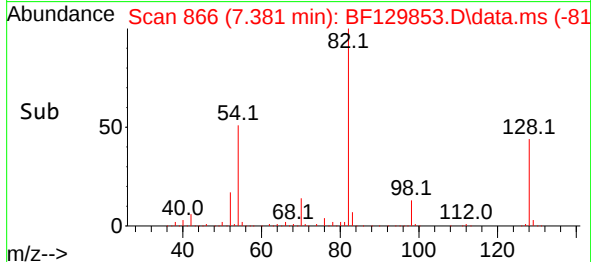
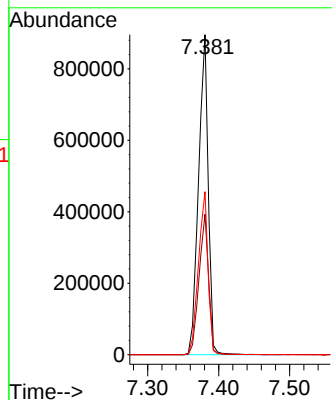
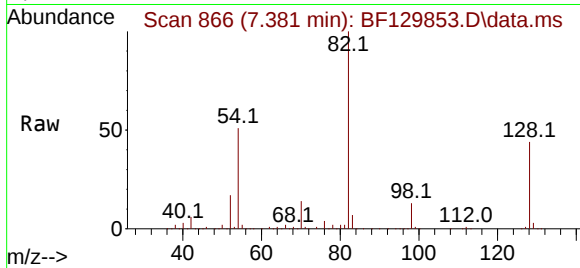




#23
Nitrobenzene-d5
Concen: 84.186 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF129853.D
Acq: 17 Aug 2022 20:10

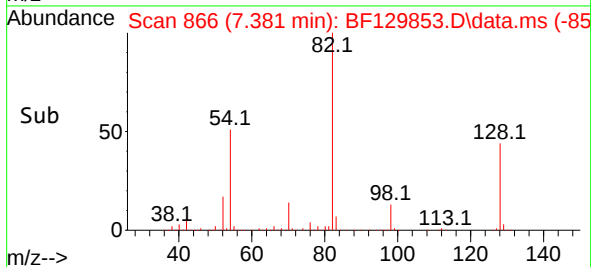
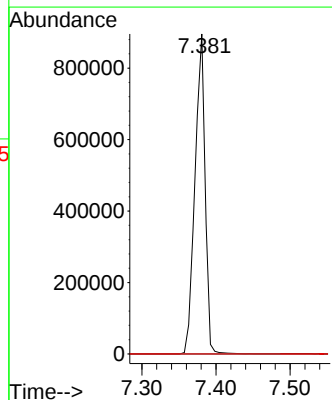
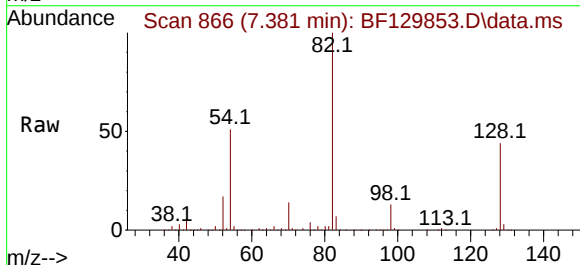
Instrument :
BNA_F
ClientSampleId :
S8

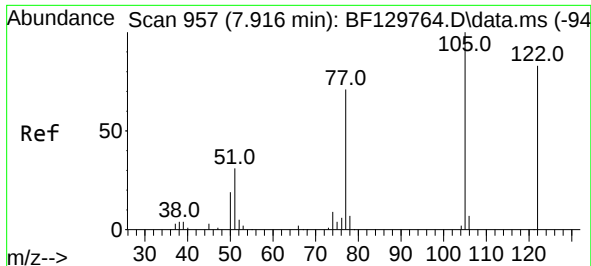
Tgt Ion: 82 Resp: 852037
Ion Ratio Lower Upper
82 100
128 43.9 36.1 54.1
54 51.0 40.0 60.0



#25
Isophorone
Concen: 48.912 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.259 min
Lab File: BF129853.D
Acq: 17 Aug 2022 20:10

Tgt Ion: 82 Resp: 852028
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

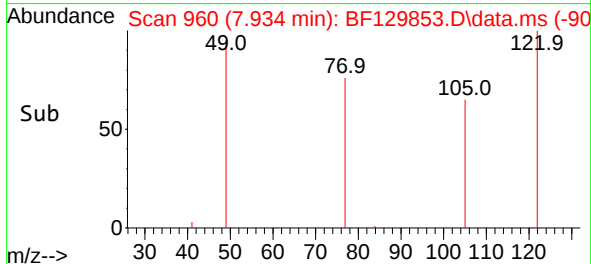
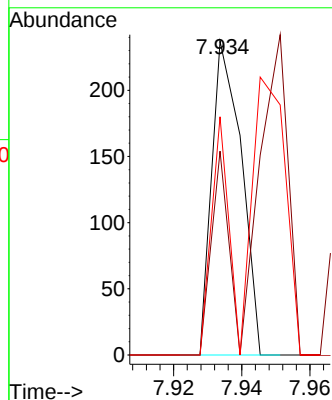
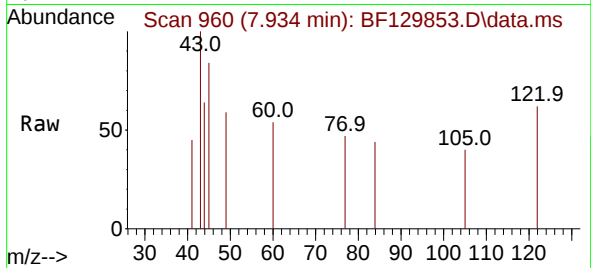




#32
Benzoic acid
Concen: 2.207 ng
RT: 7.934 min Scan# 90
Delta R.T. 0.035 min
Lab File: BF129853.D
Acq: 17 Aug 2022 20:10

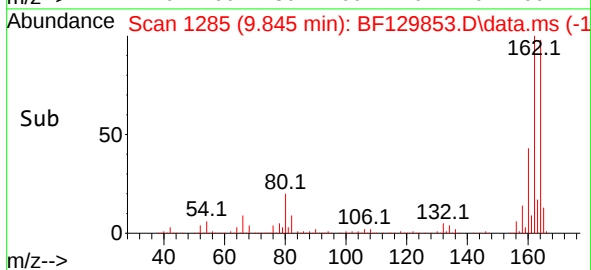
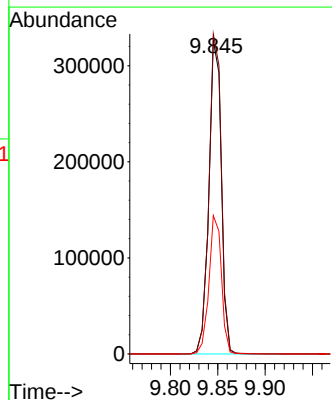
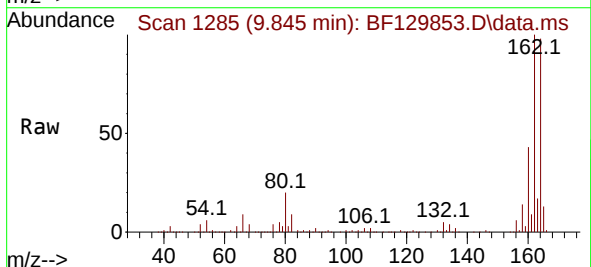
Instrument :
BNA_F
ClientSampleId :
S8

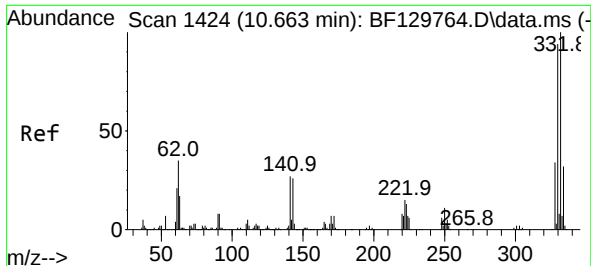
Tgt Ion:122 Resp: 142
Ion Ratio Lower Upper
122 100
105 65.0 99.9 139.9#
77 75.9 65.9 105.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF129853.D
Acq: 17 Aug 2022 20:10

Tgt Ion:164 Resp: 295663
Ion Ratio Lower Upper
164 100
162 102.2 82.0 123.0
160 44.2 35.4 53.0

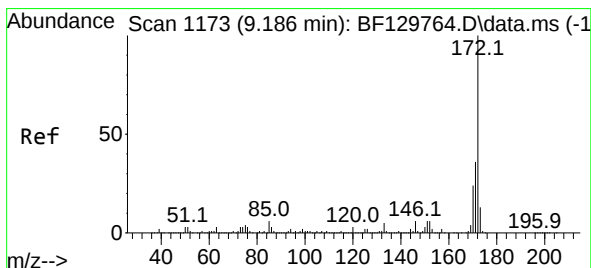
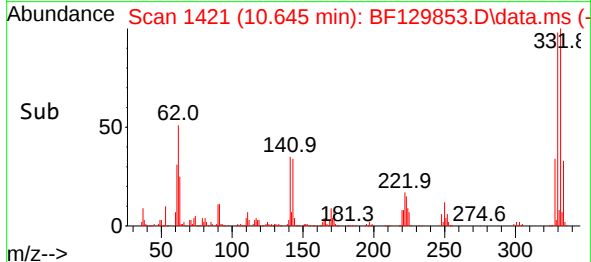
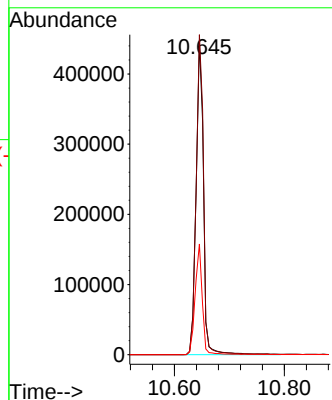
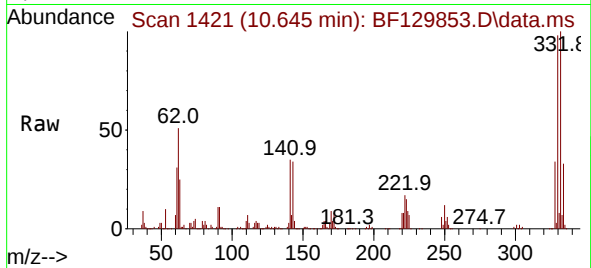




#42
2,4,6-Tribromophenol
Concen: 138.996 ng
RT: 10.645 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129853.D
Acq: 17 Aug 2022 20:10

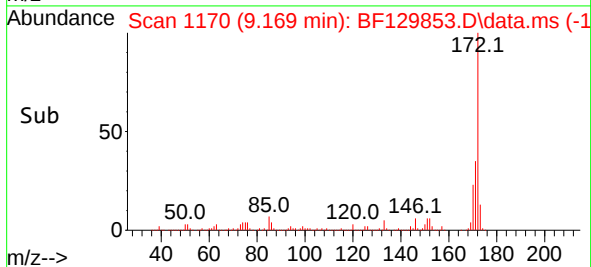
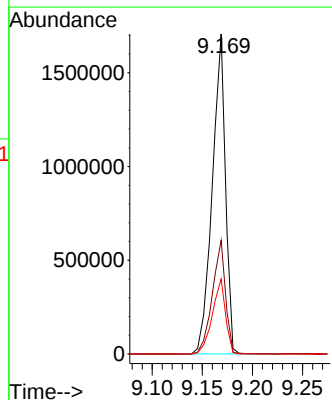
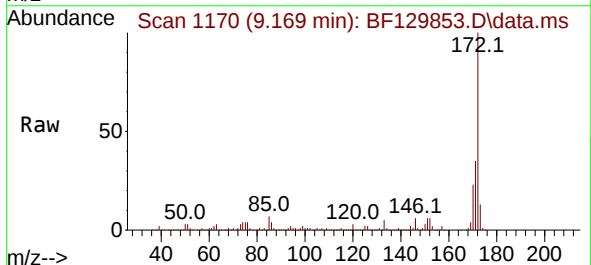
Instrument :
BNA_F
ClientSampleId :
S8

Tgt Ion:330 Resp: 412460
Ion Ratio Lower Upper
330 100
332 102.3 82.6 124.0
141 34.3 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 80.617 ng
RT: 9.169 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF129853.D
Acq: 17 Aug 2022 20:10

Tgt Ion:172 Resp: 1569365
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.5 19.1 28.7

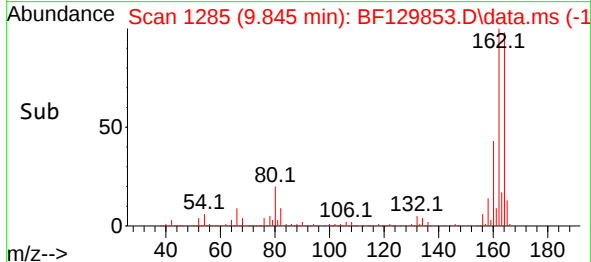
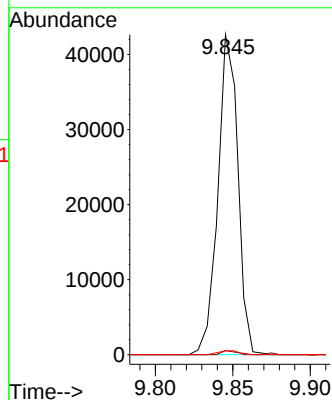
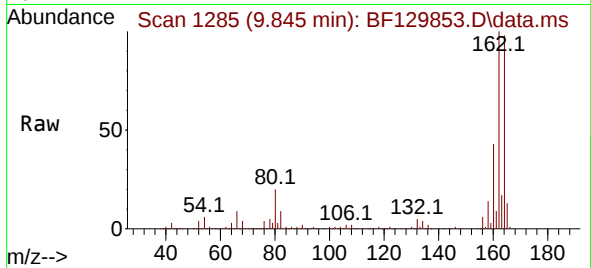




#51
2,6-Dinitrotoluene
Concen: 8.310 ng
RT: 9.845 min Scan# 1285
Delta R.T. 0.200 min
Lab File: BF129853.D
Acq: 17 Aug 2022 20:10

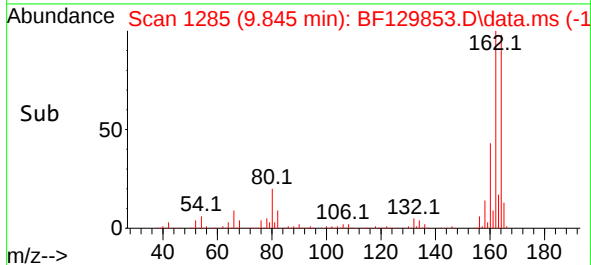
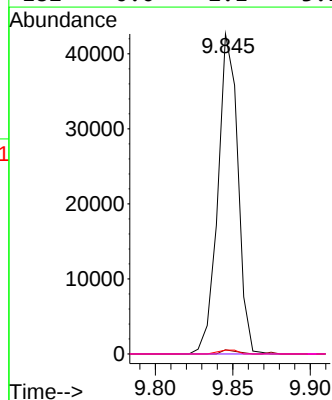
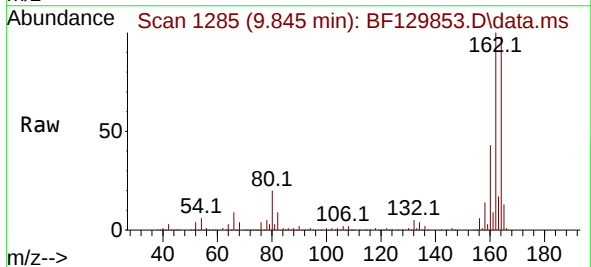
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ClientSampleId :
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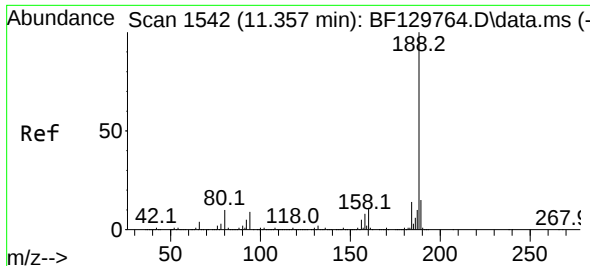
Tgt Ion:165 Resp: 38206
Ion Ratio Lower Upper
165 100
63 1.3 47.8 71.8#
89 1.2 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.401 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.212 min
Lab File: BF129853.D
Acq: 17 Aug 2022 20:10

Tgt Ion:165 Resp: 38206
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.2 62.3 93.5#
182 0.0 2.1 3.1#

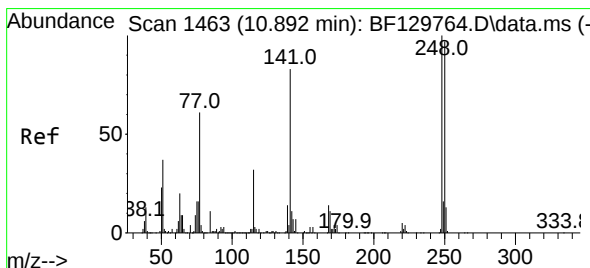
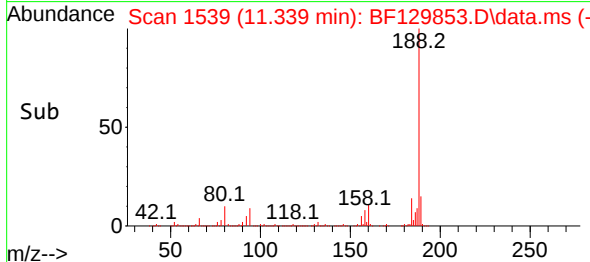
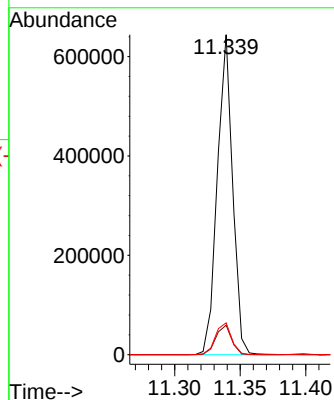
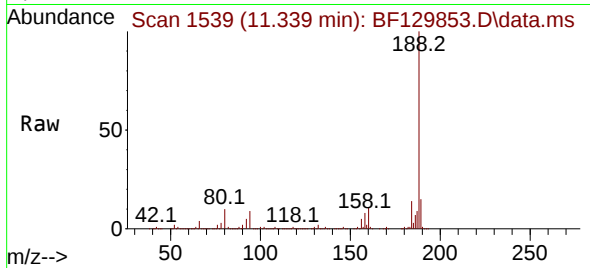




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129853.D
Acq: 17 Aug 2022 20:10

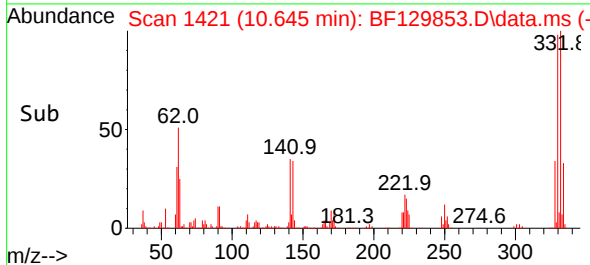
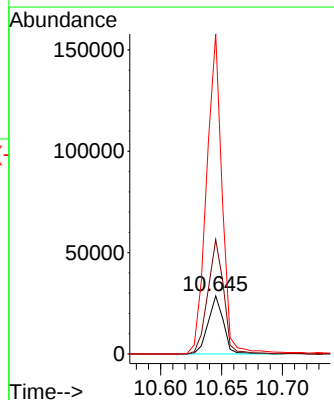
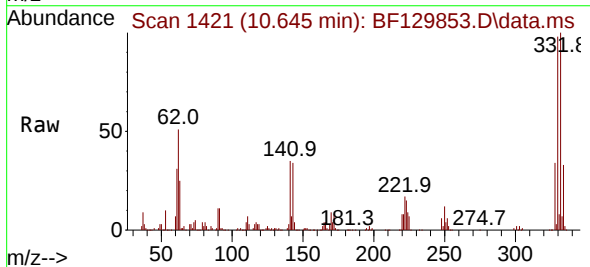
Instrument :
BNA_F
ClientSampleId :
S8

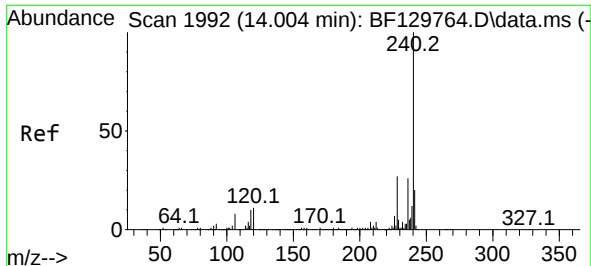
Tgt Ion:188 Resp: 521029
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.0 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.094 ng
RT: 10.645 min Scan# 1421
Delta R.T. -0.235 min
Lab File: BF129853.D
Acq: 17 Aug 2022 20:10

Tgt Ion:248 Resp: 24982
Ion Ratio Lower Upper
248 100
250 196.9 77.8 116.6#
141 550.7 66.2 99.2#

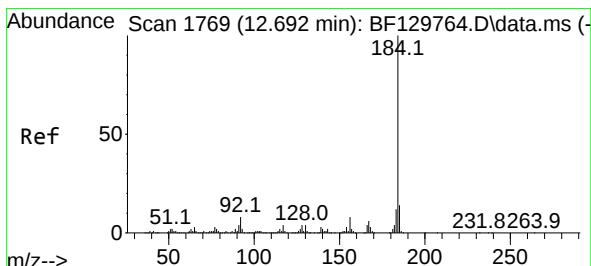
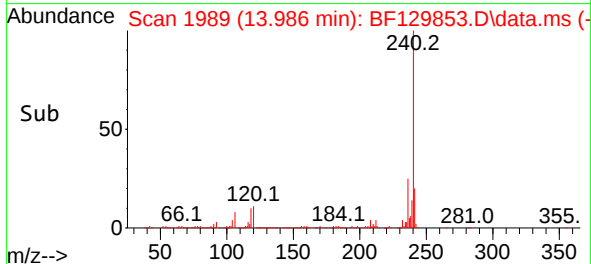
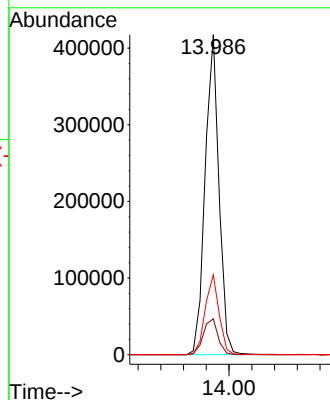
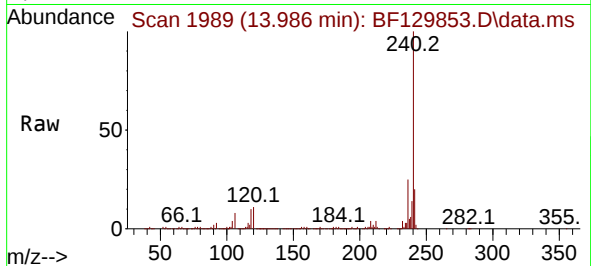




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129853.D
Acq: 17 Aug 2022 20:10

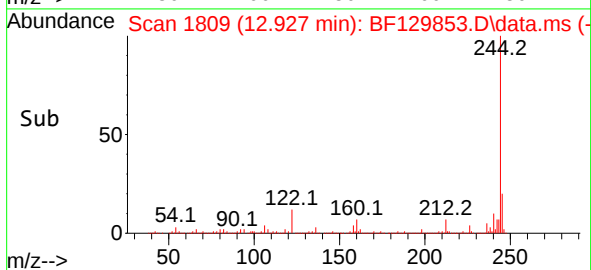
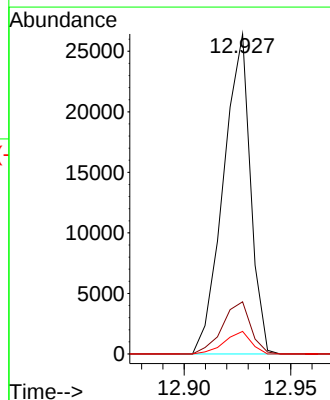
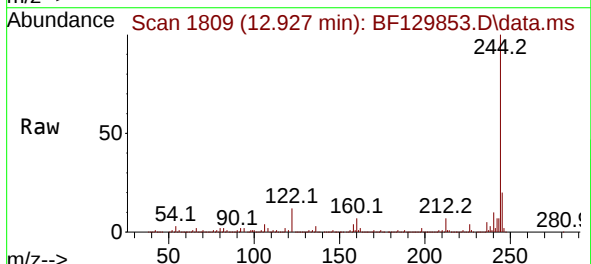
Instrument :
BNA_F
ClientSampleId :
S8

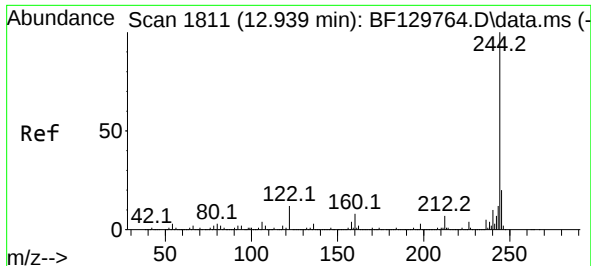
Tgt Ion:240 Resp: 352087
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 24.9 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.927 min Scan# 1809
Delta R.T. 0.247 min
Lab File: BF129853.D
Acq: 17 Aug 2022 20:10

Tgt Ion:184 Resp: 23331
Ion Ratio Lower Upper
184 100
185 16.3 11.4 17.2
183 7.0 9.4 14.2#

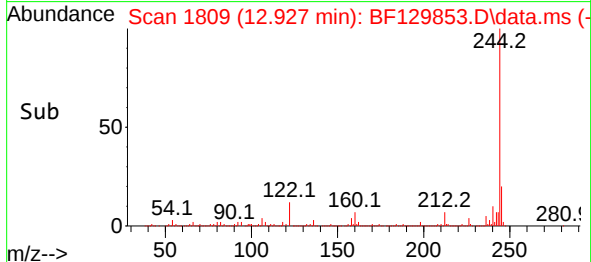
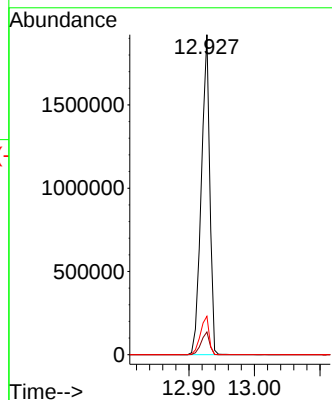
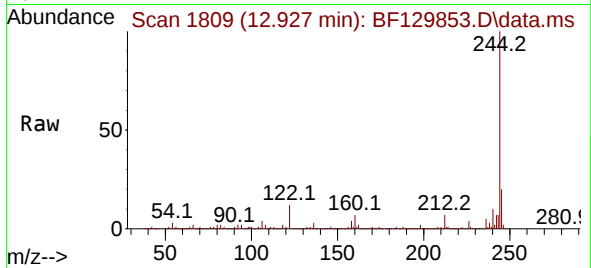




#79
 Terphenyl-d14
 Concen: 81.547 ng
 RT: 12.927 min Scan# 1809
 Delta R.T. -0.000 min
 Lab File: BF129853.D
 Acq: 17 Aug 2022 20:10

Instrument :
 BNA_F
 ClientSampleId :
 S8

Tgt Ion:244 Resp: 1725519
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 12.0 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: BF129853.D
 Acq: 17 Aug 2022 20:10

Tgt Ion:264 Resp: 261661
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.3 16.7 25.1

